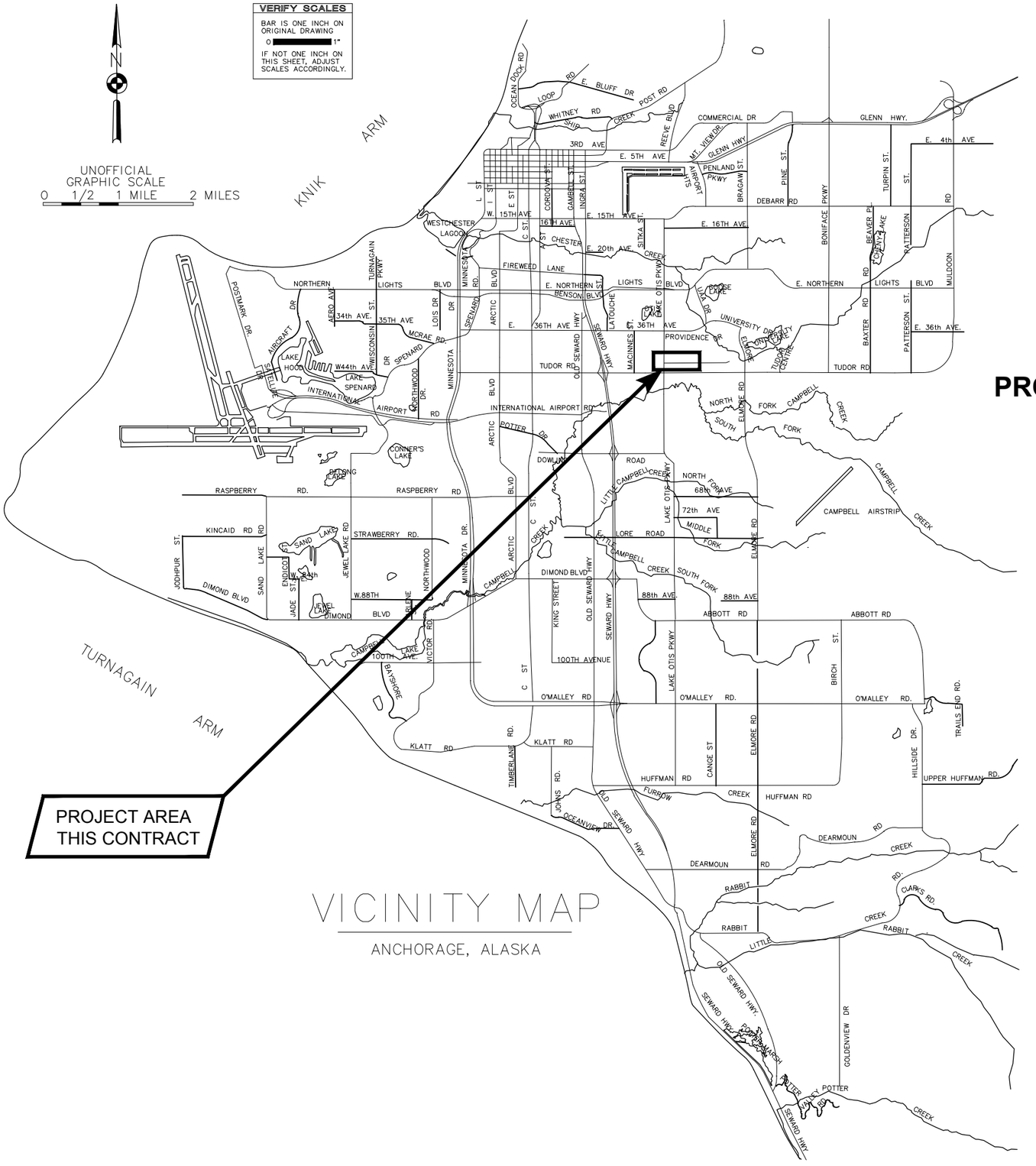

VICINITY MAP

ANCHORAGE, ALASKA

MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT &
ANCHORAGE WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE - PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

PM&E PROJECT NUMBER: 18-06
AWWU PROJECT NUMBER: WW00058
MARCH 2024

PREPARED BY:

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

APPROVED BY:

Brandon Telford

BRANDON TELFORD, P.E.
ACTING MUNICIPAL ENGINEER

SHEET INDEX

SHEET NO	DESCRIPTION	SCHEULE
GENERAL		
G1	COVER SHEET	ALL
G2	SHEET INDEX	ALL
G3	GENERAL NOTES	ALL
G4	LEGEND & ABBREVIATIONS	ALL
G5	KEY MAP	ALL
SURVEY		
V1	SURVEY CONTROL	ALL
V2	SURVEY CONTROL	ALL
V3	SURVEY CONTROL	ALL
V4	RIGHT OF WAY MAP	ALL
V5	RIGHT OF WAY MAP	ALL
V6	RIGHT OF WAY MAP	ALL
V7	RIGHT OF WAY MAP	ALL
V8	RIGHT OF WAY MAP	ALL
V9	RIGHT OF WAY MAP	ALL
V10	RIGHT OF WAY MAP	ALL
V11	TEMPORARY EASEMENT & PERMIT MAP	ALL
V12	TEMPORARY EASEMENT & PERMIT MAP	ALL
V13	TEMPORARY EASEMENT & PERMIT MAP	ALL
V14	TEMPORARY EASEMENT & PERMIT MAP	ALL
V15	TEMPORARY EASEMENT & PERMIT MAP	ALL
V16	TEMPORARY EASEMENT & PERMIT MAP	ALL
V17	TEMPORARY EASEMENT & PERMIT MAP	ALL
DEMOLITION		
B1	DEMOLITION PLAN	ALL
B2	DEMOLITION PLAN	ALL
B3	DEMOLITION PLAN	ALL
B4	DEMOLITION PLAN	ALL
B5	DEMOLITION PLAN	ALL
B6	DEMOLITION PLAN	ALL
B7	DEMOLITION SUMMARY TABLES	ALL
B8	DEMOLITION SUMMARY TABLES	ALL
B9	DEMOLITION SUMMARY TABLES	ALL
B10	DEMOLITION SUMMARY TABLES	ALL
B11	DEMOLITION SUMMARY TABLES	ALL
B12	DEMOLITION SUMMARY TABLES	ALL
TRAFFIC CONTROL PLANS		
TCP1	TRAFFIC CONTROL PLAN	ALL
TCP2	TRAFFIC CONTROL PLAN	ALL
TCP3	TRAFFIC CONTROL PLAN	ALL
TCP4	TRAFFIC CONTROL PLAN	ALL
TCP5	TRAFFIC CONTROL PLAN	ALL
TCP6	TRAFFIC CONTROL PLAN	ALL
TCP7	TRAFFIC CONTROL PLAN	ALL
TYPICAL SECTIONS		
C1	TYPICAL SECTIONS	SCHED A
C2	TYPICAL SECTIONS	SCHED A
C3	TYPICAL SECTIONS	SCHED A
C4	TYPICAL SECTIONS	SCHED A
C5	TYPICAL SECTIONS	SCHED A
C6	TYPICAL SECTIONS	SCHED A

SHEET INDEX

SHEET NO	DESCRIPTION	SCHEULE
ROADWAY		
R1	ROADWAY PLAN & PROFILE	SCHED A
R2	ROADWAY PLAN & PROFILE	SCHED A
R3	ROADWAY PLAN & PROFILE	SCHED A
R4	ROADWAY PLAN & PROFILE	SCHED A
R5	ROADWAY PLAN & PROFILE	SCHED A
R6	ROADWAY PLAN & PROFILE	SCHED A
R7	ROADWAY PLAN & PROFILE	SCHED A
R8	ROADWAY PLAN & PROFILE	SCHED A
R9	PATHWAY PLAN & PROFILE	SCHED A
R10	DRIVEWAY PLAN & PROFILE	SCHED A
R11	DRIVEWAY PLAN & PROFILE	SCHED A
R12	DRIVEWAY PLAN & PROFILE	SCHED A
R13	INTERSECTION LAYOUT	SCHED A
R14	INTERSECTION LAYOUT	SCHED A
R15	INTERSECTION LAYOUT	SCHED A
R16	INTERSECTION LAYOUT	SCHED A
R17	INTERSECTION LAYOUT	SCHED A
R18	INTERSECTION LAYOUT	SCHED A
R19	INTERSECTION LAYOUT	SCHED A
R20	INTERSECTION LAYOUT	SCHED A
R21	INTERSECTION LAYOUT POINT SUMMARY	SCHED A
R22	DRIVEWAY LAYOUT	SCHED A
R23	DRIVEWAY LAYOUT POINT TABLE	SCHED A
R24	DRIVEWAY LAYOUT	SCHED A
R25	DRIVEWAY LAYOUT	SCHED A
R26	DRIVEWAY LAYOUT	SCHED A
R27	DRIVEWAY LAYOUT	SCHED A
R28	DRIVEWAY LAYOUT	SCHED A
ROADWAY SUMMARY TABLES		
T1	ROADWAY SUMMARY TABLES	SCHED A
T2	ROADWAY SUMMARY TABLES	SCHED A
T3	ROADWAY SUMMARY TABLES	SCHED A
T4	ROADWAY SUMMARY TABLES	SCHED A
T5	ROADWAY SUMMARY TABLES	SCHED A
ROADWAY DETAILS		
D1	ROADWAY DETAILS	SCHED A
D2	ROADWAY DETAILS	SCHED A
D3	ROADWAY DETAILS	SCHED A
D4	ROADWAY DETAILS	SCHED A
D5	ROADWAY DETAILS	SCHED A
D6	ROADWAY DETAILS	SCHED A
D7	ROADWAY DETAILS	SCHED A
D8	ROADWAY DETAILS	SCHED A
D9	ROADWAY DETAILS	SCHED A
D10	ROADWAY DETAILS	SCHED A
D11	ROADWAY DETAILS	SCHED A
D12	ROADWAY DETAILS	SCHED A
RETAINING WALLS		
RW1	RETAINING WALL PLAN & PROFILE	SCHED A
RW2	RETAINING WALL DETAILS	SCHED A
RW3	RETAINING WALL DETAILS	SCHED A

SHEET INDEX

SHEET NO	DESCRIPTION	SCHEULE
SIGNING & STRIPING		
S1	SIGNING & STRIPING	SCHED A
S2	SIGNING & STRIPING	SCHED A
S3	SIGNING & STRIPING	SCHED A
S4	SIGNING & STRIPING	SCHED A
STORM DRAIN		
SD1	STORM DRAIN PLAN & PROFILE	SCHED B
SD2	STORM DRAIN PLAN & PROFILE	SCHED B
SD3	STORM DRAIN PLAN & PROFILE	SCHED B
SD4	STORM DRAIN PLAN & PROFILE	SCHED B
SD5	STORM DRAIN PLAN & PROFILE	SCHED B
SD6	STORM DRAIN PLAN & PROFILE	SCHED B
SD7	STORM DRAIN PLAN & PROFILE	SCHED B
SD8	STORM DRAIN PLAN & PROFILE	SCHED B
SD9	STORM DRAIN PLAN & PROFILE	SCHED B
SD10	STORM DRAIN DETAILS	SCHED B
SD11	STORM DRAIN DETAILS	SCHED B
SD12	STORM DRAIN DETAILS	SCHED B
SD13	STORM DRAIN DETAILS	SCHED B
SD14	STORM DRAIN SUMMARY TABLES	SCHED B
SD15	CULVERT DETAILS	SCHED B
SD16	CREEK DETAILS	SCHED B
SD17	CREEK RECONSTRUCTION PLAN	SCHED B
WATER		
W1	KEY MAP & WATER NOTES	SCHED D
W2	WATER MAIN PLAN & PROFILE BOP – STA 505+50	SCHED D
W3	WATER MAIN PLAN & PROFILE STA 505+50 – STA 511+50	SCHED D
W4	WATER MAIN PLAN & PROFILE STA 511+50 – STA 517+50	SCHED D
W5	WATER MAIN PLAN & PROFILE STA 517+50 – STA 523+50	SCHED D
W6	WATER MAIN PLAN & PROFILE STA 523+50 – EOP	SCHED D
W7	WATER MAIN PLAN & PROFILE – FOLKER STREET	SCHED D
W8	WATER SERVICE CONNECTION TABLE	SCHED D
W9	DETAILS	SCHED D
W10	IRRIGATION SYSTEM DETAILS	SCHED D
W11	SCHEMATIC DETAILS	SCHED D
W12	SCHEMATIC DETAILS	SCHED D
W13	SCHEMATIC DETAILS	SCHED D
W14	TEMPORARY WATER SERVICE OVERALL PHASING MAP	SCHED D
W15	TEMPORARY WATER SERVICE MAP PHASE 1	SCHED D
W16	TEMPORARY WATER SERVICE MAP PHASE 2	SCHED D
W17	TEMPORARY WATER SERVICE MAP PHASE 3	SCHED D
W18	TEMPORARY WATER DETAILS	SCHED D
W19	TEMPORARY WATER DETAILS	SCHED D
ILLUMINATION		
I1	ILLUMINATION PLAN	SCHED C
I2	ILLUMINATION PLAN	SCHED C
I3	ILLUMINATION PLAN	SCHED C
I4	ILLUMINATION SCHEDULES	SCHED C
I5	LC–A SCHEDULES AND DETAILS	SCHED C
I6	MASS DIVISION 80 ILLUMINATION DETAILS	SCHED C

WORK SCHEDULES

A	ROADWAY IMPROVEMENTS
B	DRAINAGE IMPROVEMENTS
C	ILLUMINATION IMPROVEMENTS
D	WATER IMPROVEMENTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

SHEET INDEX

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET G2 of G5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Sheet Index_Phase 1.dwg

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE MUNICIPALITY OF ANCHORAGE (MOA) STANDARD SPECIFICATIONS, DATED 2015, (HEREINAFTER REFERRED TO AS MASS), THE LATEST EDITION OF THE ANCHORAGE WATER AND WASTEWATER UTILITY (AWWU) DESIGN AND CONSTRUCTION PRACTICES MANUAL (DCPM) AND THE SPECIAL PROVISIONS.

2. CAUTION!!! THE LOCATION OF THE EXISTING FEATURES AND UTILITIES SHOWN IN THESE DRAWINGS (PLAN & PROFILES) ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL FEATURES AND UTILITIES ENCOUNTERED AND RECORD THEIR LOCATION ON THE CONTRACT RECORD DRAWINGS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE. CONTRACTOR SHALL SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED ON THE DRAWINGS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS WHICH ARE NOT SPECIFICALLY INDICATED AS BEING PROVIDED BY THE OWNER IN THE SPECIAL PROVISIONS. CONTRACTOR SHALL ADHERE TO ALL PERMIT REQUIREMENTS. THE PERMITS SHALL BE MAINTAINED ON THE PROJECT SITE. COPIES SHALL BE GIVEN TO THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACTOR AND NO SEPARATE PAYMENT SHALL BE MADE.

4. ALL WORK IN CLOSE PROXIMITY TO EXISTING OVERHEAD/UNDERGROUND TELEPHONE, CABLE, FIBER OPTIC, GAS, AND ELECTRIC UTILITIES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUTES, CODES AND GUIDELINES AND THE SHORING AND CLEARANCE REQUIREMENTS OF THE SERVING UTILITY. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

5. LIMITS OF ROADWAY EXCAVATION SHOWN ON THE DRAWINGS ARE APPROXIMATE. ACTUAL LIMITS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION OPERATIONS.

6. GEOTECHNICAL (SOILS) INFORMATION IS INCLUDED IN THE CONTRACT DOCUMENTS.

7. ALL WORK SHALL BE PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, PUBLIC USE EASEMENT, SLOPE EASEMENT, TEMPORARY CONSTRUCTION EASEMENT, DRAINAGE EASEMENT, INTRAGOVERNMENTAL USE PERMIT OR, TEMPORARY CONSTRUCTION PERMIT AREAS. THE EASEMENTS AND TEMPORARY CONSTRUCTION PERMITS ACQUIRED FOR THIS PROJECT MAY HAVE RESTRICTIONS. SEE CONTRACT DOCUMENTS FOR RESTRICTIONS. THE CONTRACTOR SHALL ACQUIRE RIGHT OF ENTRY ACCESS AGREEMENTS FOR THE SCHEDULE D WORK THAT IS NOT COVERED BY THE OWNER PROVIDED TEMPORARY CONSTRUCTION PERMITS OR EASEMENTS PER SECTION 70.29 OF THE SPECIAL PROVISIONS.

8. CONTRACTOR SHALL RESTORE DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, TO PRE-CONSTRUCTION CONDITIONS, UNLESS OTHERWISE DIRECTED BY ENGINEER. PAYMENT FOR RESTORING DISTURBED PROPERTY OUTSIDE OF IDENTIFIED CONSTRUCTION LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE. DISTURBED AREAS NOT BEING PAVED OR FINISHED WITH GRAVEL/CONCRETE SHALL BE TOPSOILED AND SEEDED WITH SCHEDULE A SEEDING MIX UNLESS OTHERWISE NOTED.

9. PROJECT CLEARING AND GRUBBING LIMITS SHALL COINCIDE WITH THE LIMITS OF DISTURBANCE AS SHOWN ON THE DEMOLITION (B) SHEETS. CONTRACTOR SHALL OBTAIN APPROVAL OF THE CLEARING AND GRUBBING LIMITS BY THE ENGINEER PRIOR TO CLEARING AND GRUBBING, SEE SPECIFICATIONS FOR MORE INFORMATION. CONTRACTOR SHALL CLEAR TREE BRANCHES/LIMBS PER TREE CLEARING DETAILS SHOWN ON SHEET D11.

10. SLOPE LIMITS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE ACTUAL SLOPE LIMITS BASED ON PRECONSTRUCTION SURVEY DATA.

11. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, THE CONTRACTOR SHALL SAW CUT AND REMOVE ADDITIONAL PAVEMENT BEYOND THE INITIAL SAW CUT, A MINIMUM OF 1-FOOT ONTO UNDISTURBED ASPHALT. AT TRANSVERSE JOINTS FINAL SAW CUT LINE SHALL BE SKEWED 15° – 25° PER DETAIL 2, SHEET D6 AND AS SHOWN ON THE DRAWINGS. ASPHALT TACK COAT SHALL BE APPLIED BY CONTRACTOR TO THE SAWN FACE OF ASPHALT PRIOR TO BEGINNING PAVING.

12. PAVEMENT CROSS SLOPE ON SIDE STREETS SHALL VARY AT INTERSECTIONS TO PROVIDE POSITIVE DRAINAGE. SEE ROADWAY (R) SHEETS FOR INTERSECTION LAYOUTS.

13. ALL WORK AND MATERIALS REQUIRED FOR REMOVING ANY LITTER OR DEBRIS CREATED BY CONSTRUCTION OPERATIONS WITHIN THE PROJECT LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.

14. ALL ORGANIC MATERIAL SHALL BE REMOVED FROM THE SUBGRADE TO A DEPTH TO BE DETERMINED BY THE ENGINEER. NO ORGANIC MATERIAL OR OTHER DELETERIOUS MATERIAL SHALL BE UTILIZED FOR BACKFILL.

15. THE CONTRACTOR SHALL SUBMIT RECORD SURVEY NOTES WITH THE RECORD DRAWINGS.

16. ROADWAY/DRIVEWAY EXCAVATION SHALL BE MEASURED BY EXCAVATED CROSS-SECTION AND SHALL BE LIMITED TO THE PAY LIMITS IDENTIFIED IN THE TYPICAL CROSS SECTIONS SHOWN ON THE C SHEETS, UNLESS ADDITIONAL EXCAVATION IS DIRECTED BY THE ENGINEER IN WRITING. TRENCH EXCAVATION SHALL BE MEASURED PER MASS AND THE SPECIAL PROVISIONS, SEE TYPICAL STORM DRAIN AND WATER TRENCH SECTIONS FOR MORE INFORMATION.

17. THE PROJECT CENTERLINE STATIONING IS NOT RIGHT-OF-WAY CENTERLINE PER SURVEY CONTROL DRAWING UNLESS OTHERWISE NOTED. SEE SURVEY CONTROL DRAWING FOR HORIZONTAL AND VERTICAL CONTROL AND LAYOUT OF THE PROJECT CENTERLINE.

18. ALL CURB LOCATIONS, RADIUS MEASUREMENTS AND ELEVATIONS ARE TO THE TOP BACK OF CURB (TBC) UNLESS OTHERWISE NOTED.

19. MAINTAIN A MINIMUM OF TEN (10') FEET HORIZONTAL AND EIGHTEEN INCHES (18") SEPARATION BETWEEN THE OUTSIDE OF PIPES FOR WATER MAINS AND SERVICES TO SANITARY SEWER OR STORM DRAIN. INSTALL INSULATION BOARD (R-18) BETWEEN THE PIPES WHEN THE VERTICAL SEPARATION IS EIGHTEEN INCHES (18") AND THIRTY-SIX INCHES (36"). INSULATION MAY BE OMITTED WHEN THE VERTICAL SEPARATION IS GREATER THAN THIRTY-SIX INCHES (36"). WHERE STORM OR SEWER CROSS A WATER LINE, THE JOINTS OF ALL PIPES ARE TO HAVE A MINIMUM SEPARATION OF NINE FEET (9') FROM THE CROSSING.

20. EXISTING WATER AND SEWER SERVICE LINES ARE NOT SHOWN IN THE PROFILES UNLESS SPECIFICALLY CALLED OUT.

21. ALL CURB AND GUTTER INCLUDING SPILL CURB AND LANDSCAPE CURB SHALL BE PAID AS "P.C.C. CURB AND GUTTER (ALL TYPES)" EXCEPT FOR CURBS WITH STEEL CURB FACING WHICH SHALL BE PAID AS "P.C.C. CURB AND GUTTER (TYPE 1, STEEL CURB FACING)".

22. EXISTING SHALLOW (CABLE, ELECTRIC, TELEPHONE, GAS, FIBER OPTIC, ETC) UTILITIES AND RELOCATED PROPOSED SHALLOW UTILITIES ARE NOT SHOWN IN THE TYPICAL CROSS SECTIONS. EXISTING SHALLOW UTILITY CROSSINGS ARE SHOWN AT AN ASSUMED ELEVATION IN THE PROFILES UNLESS OTHERWISE NOTED. RELOCATED PROPOSED SHALLOW UTILITIES ARE NOT SHOWN IN THE PLANS OR PROFILES. RELOCATED PROPOSED SHALLOW UTILITIES ARE TO BE RELOCATED BY OTHERS AS SHOWN IN THE UTILITY RELOCATION PLANS, SEE CONTRACT DOCUMENTS FOR MORE INFORMATION.

23. THE MATCH EXISTING ELEVATIONS AS SHOWN IN THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST PROPOSED GRADES AS REQUIRED TO MATCH INTO EXISTING ELEVATIONS PER THE DIRECTION OF THE ENGINEER.

24. ALL FILL, USABLE EXCAVATION, AND TRENCH BACKFILL SHALL BE COMPACTED TO NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, PER MASS DIVISION 20 EARTHWORK, BASED ON MODIFIED PROCTOR TEST VALUES. ALL FILLS SHALL BE PLACED IN LIFTS NOT EXCEEDING 12-INCHES.

25. FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE BY AWWU O&M DIVISION. THE CONTRACTOR IS TO PROVIDE WRITTEN NOTICE TO THE ENGINEER A MINIMUM OF SEVEN (7) DAYS PRIOR TO THE NEED FOR FINAL FIRE HYDRANT ADJUSTMENT. THE WRITTEN NOTICE IS TO CONTAIN, AT A MINIMUM, THE MANUFACTURER AND MODEL NUMBER OF THE HYDRANT AND VERTICAL ADJUSTMENT NEEDED IN SIX (6") INCREMENTS.

26. THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING STORM DRAIN AND WATER SYSTEM TO BE REPLACED IS IN A DIFFERENT HORIZONTAL AND VERTICAL LOCATION OF THE PROPOSED STORM DRAIN AND WATER SYSTEM TO BE INSTALLED IN LOCATIONS AS SHOWN ON THE STORM DRAIN (SD) AND WATER (W) SHEETS.

27. UNLESS OTHERWISE NOTED ALL VALVE BOXES, KEYBOXES, CLEANOUTS, CATCH BASINS, AND MANHOLES WITHIN THE CONSTRUCTION DISTURBANCE LIMITS SHALL BE ADJUSTED RELATIVE TO FINISH GRADE PER MASS, THESE DRAWINGS OR THE SPECIAL PROVISIONS.

28. IN CASE OF CONFLICT BETWEEN STATIONING AND DIMENSIONED LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS.

29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.

30. WATER RESULTING FROM CONTRACTOR'S DEWATERING EFFORT MAY NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS OR CREEKS UNLESS PERMITS ARE OBTAINED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO, THOSE REQUIRED BY THE MOA STORM WATER PLAN REVIEW OFFICE AND ADEC. SEE SPECIFICATIONS FOR MORE INFORMATION AND REQUIREMENTS. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO DIVERT WATER FROM AN EXCAVATION ONTO ROADWAYS. CONTRACTOR SHALL PROVIDE A DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL PROVIDE COPIES OF NECESSARY PERMITS AND APPROVALS TO THE MOA RIGHT OF WAY PERMIT OFFICE.

31. ALL NUTS, BOLTS AND WASHERS SHALL BE STAINLESS STEEL (TYPE 316).

32. DAMAGE TO ALL OTHER UTILITIES AND SERVICE CONNECTIONS MADE DURING CONSTRUCTION SHALL BE REPAIRED USING APPROVED MATERIALS WITH APPROVED COUPLINGS.

33. SEWER PIPES SHALL BE REPAIRED WITH A STAINLESS STEEL ROMAC STYLE LSS1 REPAIR CLAMP THAT IS A MINIMUM OF 8" IN WIDTH AND HAS A MINIMUM OF TWO BOLTS OR APPROVED EQUAL. THE ROMAC STYLE LSS1 REPAIR CLAMPS MAY NEED BUSHINGS IF THE PIPE DIAMETERS ARE DIFFERENT.

34. ANY REVISION OR MODIFICATION TO THE STORM DRAIN OR WATER DESIGN WILL REQUIRE ADEC APPROVAL, PRIOR TO CONSTRUCTION.

CALL BEFORE YOU DIG!!!

Alaska Digline, Inc. Statewide	811
Alaska Railroad	265-2520
Military Fuel Lines	552-3760
State Storm Drains	333-2411

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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PHONE: (907) 562-3252
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3/26/2024
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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

GENERAL NOTES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET G3 of G5

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 General Notes_Phase 1.dwg

PLAN LEGEND

PROPERTY

EXISTING	PROPOSED	
		CENTERLINE
		EASEMENT LINE
		PROPERTY LINE
		ROW LINE
		SECTION LINE
		TEMPORARY CONSTRUCTION EASEMENT/PERMIT

UTILITY

EXISTING	PROPOSED	
		ABANDONED UTILITY
C		CABLE TV LINE (UNDERGROUND)
OC		CABLE TV LINE (OVERHEAD)
OC/FO		CABLE TV LINE & FIBER OPTIC (OVERHEAD)
U.C.		CABLE TV PEDESTAL (UNDERGROUND)
		CONTROLLER OR ATR CABINET
		CULVERT
		DECOMMISSION WATER PIPELINE IN PLACE
		DRY WELL
E		ELECTRIC LINE (UNDERGROUND)
OE		ELECTRIC LINE (OVERHEAD)
OEC		ELECTRIC & CABLE TV LINE (OVERHEAD)
OET		ELECTRIC & TELEPHONE LINE (OVERHEAD)
OE/C/FO		ELECTRIC, CABLE TV & FIBER OPTIC (OVERHEAD)
		ELECTRIC JB TYPE IA
		ELECTRIC JB TYPE II
		ELECTRIC JB TYPE III
		ELECTRIC LOAD CENTER
E		ELECTRIC MANHOLE/JB
E.M.		ELECTRIC METER
U.E.		ELECTRIC PEDESTAL UNDERGROUND
		ELECTRIC SIGN
SC		ELECTRIC SWITCH CABINET
T		ELECTRIC TRANSFORMER
E		ELECTRIC VAULT
FO		FIBER OPTIC LINE (UNDERGROUND)
FO		FIBER OPTIC VAULT
FD		FLOOR DRAIN
FS	FS	FOOTING DRAIN SERVICE LINE
FS	FS	FOOTING DRAIN SERVICE CONNECTION
G		GAS LINE
G.M.		GAS METER
		GAS VALVE
		GUY POLE
		GUY ANCHOR
		JOINT USE ELECTRIC & TELEPHONE POLE
		LIGHTED BOLLARD
L		LIGHTING LINE
		LUMINAIRE
		LUMINAIRE (PEDESTRIAN)
		REMOVE PIPE/DECOMMISSION BY REMOVAL
S	S	SANITARY SEWER LINE
		SANITARY SEWER MANHOLE
		SANITARY SEWER SERVICE CONNECTION
C.O.		SANITARY SEWER CLEANOUT
SD	SD	STORM DRAIN LINE
SB	SB	SUBDRAIN LINE
		STORM DRAIN CATCH BASIN
		STORM DRAIN CATCH BASIN MANHOLE OR MH

UTILITY

EXISTING	PROPOSED	
		STORM DRAIN MANHOLE
		STUBOUT CAPPED OR PLUGGED END
OHT/C		TELEPHONE & CABLE TV LINE (OVERHEAD)
OT		TELEPHONE LINE (OVERHEAD)
T		TELEPHONE LINE (UNDERGROUND)
T		TELEPHONE MANHOLE
U.T.		TELEPHONE PEDESTAL
413	414	TRAFFIC DETECTOR LOOPS
TF		TRAFFIC LINE (UNDERGROUND)
		TRAFFIC SIGNAL POLE
		TRAFFIC SIGNAL POLE/LUMINAIRE
		UTILITY POLE
W	W	WATER LINE
	W	WATER MAIN (ON W SHEETS)
		WATER FIRE HYDRANT
		WATER KEY BOX
W		WATERTIGHT SANITARY SEWER MANHOLE
		WATER VALVE
		WATER WELL

ROADWAY

EXISTING	PROPOSED	
		APPROX SLOPE LIMITS (CUT)
		APPROX SLOPE LIMITS (FILL)
		COLORED CONCRETE (RED, THICKNESS VARIES, IMPRINTED)
		CURB & GUTTER
		EDGE OF PAVEMENT
		EDGE OF SIDEWALK/CONCRETE
		GUARDRAIL, BARRIER RAIL
		INTERLOCKING CONCRETE PAVERS
		RETAINING WALL (TYPE VARIES)
		STREET SIGN
		UNPAVED (GRAVEL) EDGE OF ROAD/DWY

MISCELLANEOUS

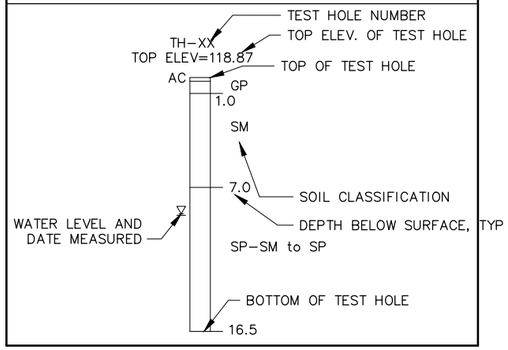
EXISTING	PROPOSED	
		CREEK/OPEN DITCH BOTTOM
		BOLLARD/POST/BANNER POLE (VARIES)
		BOULDER
		DECK
		DRAINAGE ARROW (DIRECTION OF FLOW)
		DRAINAGE SWALE
		FENCE (TYPE VARIES)
		FENCE (DECORATIVE)
		HOUSE OR STRUCTURE
		LANDSCAPING ROCK
M.B.	M.B.	MAILBOX (INDIVIDUAL)
		MAILBOX (CLUSTER)
N.B.		NEWS BOX
		PARKING METER
	1	PARCEL NUMBERS
		RIPRAP ARMOR MIX
		STREAM SUBSTRATE
		STREAM/EDGE OF WATERWAY
		TREE/SHRUB (CONIFEROUS)
		TREE/SHRUB (DECIDUOUS)
		TEST BORING OR TEST HOLE
		VEGETATION & BRUSH/TREE LINE

PROFILE LEGEND

SYMBOL

EXISTING	PROPOSED	
		APPROXIMATE EXCAVATION LIMITS
		GROUND OVER PIPE
	0.00%	GRADE AT CENTER LINE
		GRADE AT LEFT ROW
		GRADE AT RIGHT ROW
		PIPE (PROFILE)
		PIPE (SECTION)
		STORM DRAIN CATCH BASIN/OGS
		STORM DRAIN/SANITARY SEWER MANHOLE & PIPE
UTILITY CROSSING		UTILITY CROSSING (WATER/SEWER/STORM DRAIN)
C		UTILITY CROSSING (CABLE)
E		UTILITY CROSSING (ELECTRIC)
FO		UTILITY CROSSING (FIBER OPTIC)
G		UTILITY CROSSING (GAS)
T		UTILITY CROSSING (TELEPHONE)
		UTILITY CROSSING (FIBER OPTIC & TELEPHONE DUCT)
		INSULATION
		RIPRAP ARMOR MIX
		STREAM SUBSTRATE

LEGEND – SOIL



NOTES:

1. STANDARD LEGEND AND ABBREVIATIONS SHOWN. NOT ALL LEGEND ITEMS AND ABBREVIATIONS ARE PART OF THIS CONTRACT.
2. SOIL CLASSIFICATION IS BASED UPON UNIFIED SOIL CLASSIFICATION (ASTM D 2487-00). SEE GEOTECHNICAL SOIL BORING LOGS FOR MORE INFORMATION.
3. SEE LEGEND ON SHEET V1 FOR SURVEY CONTROL SYMBOLS. ADDITIONAL LEGEND AND ABBREVIATION ITEMS NOT SHOWN HERE ARE PROVIDED ON SPECIFIC SHEETS THROUGHOUT THE DRAWINGS.

COMMON ABBREVIATIONS (ABBR.)

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AC	ASPHALT CONCRETE	MSL	MEAN SEA LEVEL
	ASBESTOS CEMENT	N	NORTH, NORTHING
AD	ALGEBRAIC DIFFERENCE	N/A	NOT APPLICABLE
ADEC	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION	N.I.C.	NOT IN CONTRACT
		NTS	NOT TO SCALE
AFD	ANCHORAGE FIRE DEPARTMENT	NWT	NO WATER TABLE
AWG	AMERICAN WIRE GAUGE	OC	ON CENTER
AWWA	AMERICAN WATER WORKS ASSOCIATION	OCEW	ON CENTER EACH WAY
APPROX/ APPX	APPROXIMATE	OD	OUTSIDE DIAMETER
		OGS	OIL AND GRIT SEPARATOR
BM	BENCH MARK	OH	OVERHEAD
BOP	BEGINNING OF PROJECT	PC	POINT OF CURVATURE
	BOTTOM OF PIPE (OUTSIDE)	PCC	PORTLAND CONCRETE CEMENT
BOS	BOTTOM OF STEEL		POINT OF CONTINUOUS CURVATURE
C&G	CURB AND GUTTER	PCMP	PRECOATED CORRUGATED METAL PIPE
CB	CATCH BASIN	PCPEP	PERFORATED CORRUGATED POLYETHYLENE PIPE
CBMH	CATCH BASIN MANHOLE		
CI	CAST IRON	PI	POINT OF INTERSECTION
C/L, CL	CENTERLINE	PL, P/L	PLASTIC, PROPERTY LINE
CMP	CORRUGATED METAL PIPE	POB	POINT OF BEARING
CO	CLEANOUT	PSL	POSTED SPEED LIMIT
CONST	CONSTRUCTION	PT	POINT OF TANGENCY
CPEP	CORRUGATED POLYETHYLENE PIPE	PUE	PUBLIC USE EASEMENT
CY	CUBIC YARD	PRC	POINT OF REVERSE CURVATURE
DIA	DIAMETER	PVC	POINT OF VERTICAL CURVATURE
DI	DUCTILE IRON	PVC	POLYVINYL CHLORIDE
DW	DETECTABLE WARNING	PVI	POINT OF VERTICAL INTERSECTION
DWY	DRIVEWAY	PVT	POINT OF VERTICAL TANGENT
E	EAST, EASTING	REINF	REINFORCEMENT
ELEC	ELECTRIC / ELECTRICAL	ROW, R/W	RIGHT OF WAY
ELEV, EL	ELEVATION	RJIB	RESTRAINED JOINT INTEGRAL BELL
EOP	END OF PROJECT / EDGE OF PAVEMENT	RT, R	RIGHT
EQ	EQUIVALENT	S	SOUTH
F&I	FURNISH AND INSTALL	S/W	SIDEWALK
FF	FINISHED FLOOR	SS	STAINLESS STEEL
FG	FINISHED GRADE	SF	SQUARE FOOT
FH	FIRE HYDRANT	SI	STREET INTERSECTION
GA	GAUGE	ST	STREET
GALV	GALVANIZED	STA	STATION / STATIONING
GB	GRADE BREAK	STD	STANDARD
GV	GATE VALVE	STRUCT	STRUCTURE
H/HORIZ	HORIZONTAL	TBC	TOP BACK OF CURB
HMWPE	HIGH MOLECULAR WEIGHT POLYETHYLENE	TBM	TEMPORARY BENCH MARK
JB	JUNCTION BOX	TCP	TEMPORARY CONSTRUCTION PERMIT
LC	LOAD CENTER		TRAFFIC CONTROL PLAN
IAW	IN ACCORDANCE WITH	TELE	TELEPHONE
ID	INSIDE DIAMETER	TH	TEST HOLE
IE/INV	INVERT ELEVATION (INSIDE BTM OF PIPE)	TOP	TOP OF PIPE
INTX	INTERSECTION	TOS	TOP OF STEEL
INV	INVERT	TW	TOP OF WALL
KB	KEYBOX	TYP	TYPICAL
LF	LINEAR FOOT	UG	UNDERGROUND
LT, L	LEFT	UON	UNLESS OTHERWISE NOTED
LUM	LUMINAIRE	UTIL	UTILITY
MAX	MAXIMUM	VERT	VERTICAL
ME	MATCH EXISTING	VB	VALVE BOX
MH	MANHOLE	VC	VERTICAL CURVE
MIN	MINIMUM	W	WEST
MON	MONUMENT	W/	WITH

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

CONSULTANT

STATE OF ALASKA — 49TH — Justin Keene — Justin T. Keene CE-11775 3/26/2024 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

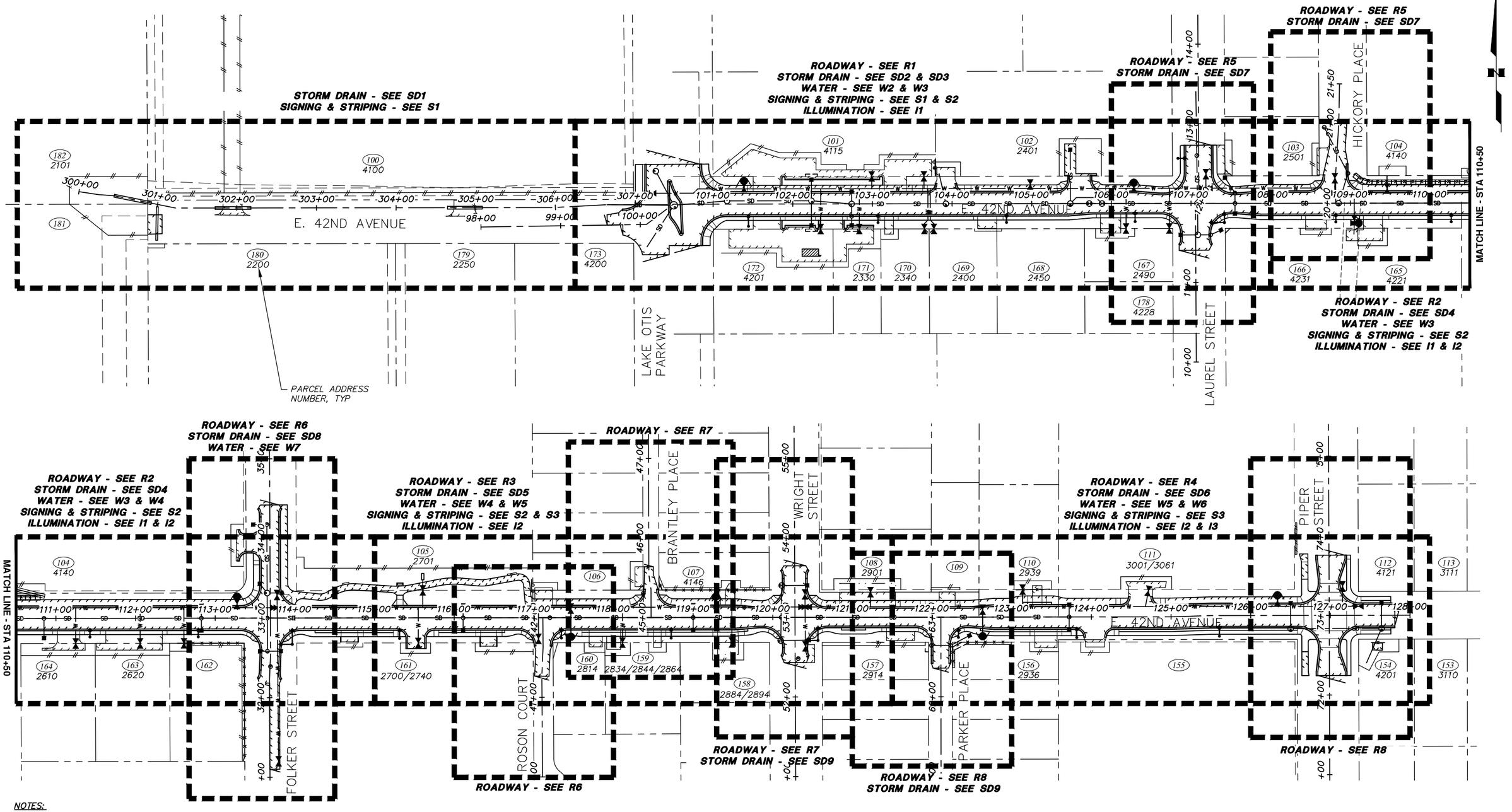
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — ALL

LEGEND & ABBREVIATIONS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET G4 of G5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Legend & Abbreviations_Phase 1.dwg



NOTES:

1. EXISTING UTILITIES, FEATURES & SOME EASEMENTS ARE NOT SHOWN FOR CLARITY.
2. NOT ALL SHEETS ARE CALLED OUT FOR CLARITY.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   BY: _____

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 120 60 0 60 120

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#ACCL882-AK
CONSULTANT

STATE OF ALASKA 49TH
Justin Keene
CE-11775
3/26/2024
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

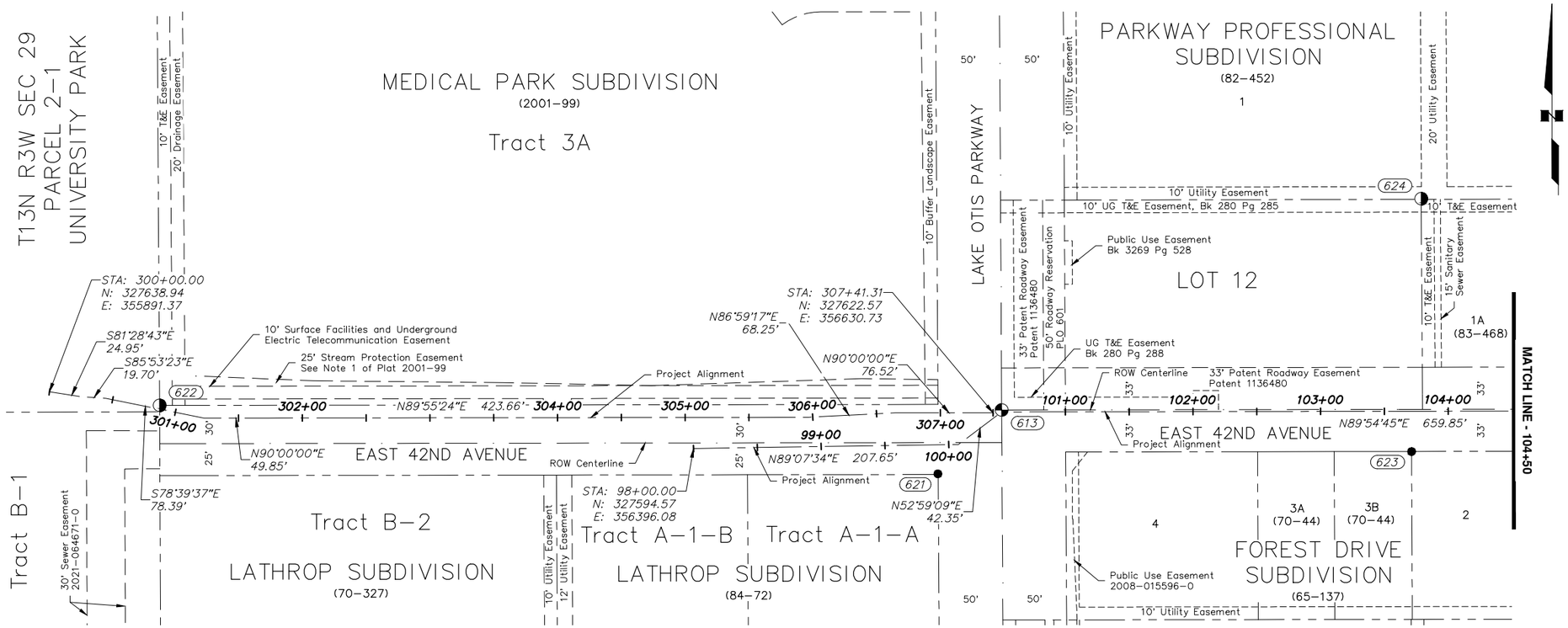
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

KEY MAP

SCALE HOR. 1"=60' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET G5 of G5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Key Map_Phase 1.dwg



Horizontal Control

Coordinate System:
This project is located entirely within the Anchorage Bowl 2000 adjustment, a local surface grid coordinate system expressed in U.S. Survey feet units developed by the Alaska Department of Transportation.

Basis of Coordinates:
The Basis of Coordinates is NGS Station O'Malley, located near the intersection of the New Seward Highway and O'Malley Road. Said station has Anchorage Bowl 2000 coordinates of 303939.2310 N, 353362.5446 E. U.S. Survey Feet.

Basis of Bearings:
The Basis of Bearings is a local plane bearing between NGS Station O'Malley and NGS Station Loop 2 USE RM 3 1964. NGS Station Loop 2 USE RM 3 1964 bears N 01°43'26.4" E a distance of 49488.4476 feet from NGS Station O'Malley. NGS Station Loop 2 USE RM 3 1964 has Anchorage Bowl 2000 coordinates of 353405.2778 N, 354851.3982 E. U.S. Survey Feet.

Translation Parameters:
To convert the local coordinates to NAD83 (92) State Plane coordinates expressed in U.S. Survey Feet, translate using +2,296,868.6878 N U.S. Survey Feet, +1,312,517.4904 E U.S. Survey Feet, and scale using 0.9998910192.

Vertical Control

Vertical control is based on the MOA Benchmark GAAB 69, Elevation = 162.47 feet (GAAB), 2-1/2" brass cap set vertically in the north wall near the northeast corner of the shopping center at Dale Stree and Tudor Road, as described on page D-22 of the MOA Benchmark Book, and MOA Benchmark CB 7B, Elevation 161.20 feet (GAAB), a 2-1/2" Brass Cap set horizontally in the top of the east end of a retaining wall at the northwest quadrant of the intersection of East 36th Avenue and Lake Otis Parkway, as described on page D-18 of the MOA Benchmark Book.

Horizontal Control – E. 42nd Creek Alignment

Point	Station	Offset	Northing	Easting	Description
622	300+86.88	2.83 LT	327628.31	355977.66	Found 3-1/4" Aluminum Cap flush with ground
621	306+98.12	47.94 RT	327574.63	356587.54	Found 5/8" Rebar 0.1' below grade

Horizontal Control – E. 42nd Avenue Alignment

Point	Station	Offset	Northing	Easting	Description
621	99+91.13	22.86 RT	327574.63	356587.54	Found 5/8" Rebar 0.1' below grade
613	100+50.01	1.50 LT	327624.73	356637.53	Found 3-1/4" Brass Cap 0.4' below grade in monument case
623	103+71.15	31.59 RT	327592.13	356958.72	Found 5/8" Rebar with Red Plastic Cap flush in concrete
624	103+79.02	166.64 LT	327790.37	356966.29	Found 2-1/2" Aluminum Cap flush with surface

LEGEND

- Existing Brass Cap
- Existing Aluminum Cap
- Existing Rebar or Iron Pipe
- Control set by CRW
- (500) Control Point Number

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 100 50 0 50 100

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

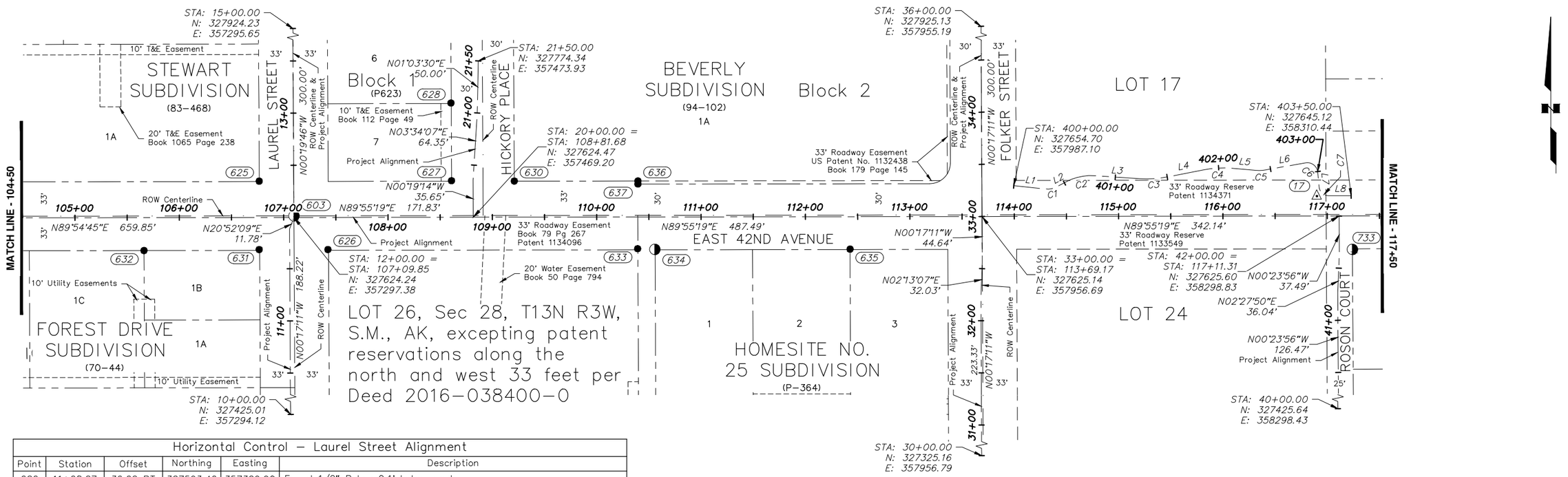
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

SURVEY CONTROL

E. 42ND AVENUE – STA 98+00 TO 104+50

SCALE HOR. 1"=50' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V1 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\03 Survey Control\10142.00 Survey Control Sheet_Phase 1.dwg



Horizontal Control – Laurel Street Alignment					
Point	Station	Offset	Northing	Easting	Description
626	11+68.27	36.62 RT	327593.46	357329.90	Found 1/2" Rebar 0.1' below grade
631	11+68.56	29.23 LT	327593.42	357264.04	Found 5/8" Rebar 0.6' below grade
603	12+01.50	0.00 RT	327625.74	357297.37	Found 2-1/2" Aluminum Cap 0.25' below grade in monument case
625	12+34.94	33.10 LT	327658.99	357264.07	Found 5/8" square Iron Rod 0.2' below grade, bent to NW

Horizontal Control – Hickory Place Alignment					
Point	Station	Offset	Northing	Easting	Description
630	12+33.63	211.33 RT	327659.08	357508.51	Found 5/8" Rebar with Yellow Plastic Cap flush with surface
627	12+34.31	151.12 RT	327659.42	357448.30	Found 5/8" Rebar 0.4' below grade
628	13+08.84	151.04 RT	327733.95	357447.79	Found 5/8" Rebar 0.2' below grade

Horizontal Control – E. 42nd Avenue Alignment					
Point	Station	Offset	Northing	Easting	Description
632	105+66.07	31.54 RT	327592.48	357153.65	Found 5/8" Rebar with Red Plastic Cap 0.3' below grade
631	106+76.47	30.76 RT	327593.42	357264.04	Found 5/8" Rebar 0.6' below grade
625	106+76.60	34.80 LT	327658.99	357264.07	Found 5/8" square Iron Rod 0.2' below grade, bent to NW
603	107+09.84	1.50 LT	327625.74	357297.37	Found 2-1/2" Aluminum Cap 0.25' below grade in monument case
626	107+42.34	30.82 RT	327593.46	357329.90	Found 1/2" Rebar 0.1' below grade
628	108+60.41	109.50 LT	327733.95	357447.79	Found 5/8" Rebar 0.2' below grade
627	108+60.82	34.97 LT	327659.42	357448.30	Found 5/8" Rebar 0.4' below grade
630	109+21.03	34.56 LT	327659.08	357508.51	Found 5/8" Rebar with Yellow Plastic Cap flush with surface
633	110+39.10	30.45 RT	327594.24	357626.67	Found 1/2" Rebar 0.3' below grade
636	110+39.42	34.51 LT	327659.20	357626.90	Found 5/8" Rebar with Yellow Plastic Cap flush with surface
637	110+39.49	31.52 LT	327656.20	357626.97	Found 5/8" Rebar with Yellow Plastic Cap flush with surface
634	110+55.60	31.15 RT	327593.56	357643.17	Found 1-1/2" Aluminum Cap 0.7' below grade
635	112+42.67	31.14 RT	327593.82	357830.23	Found 1" Iron Rod 0.5' below grade
17	116+90.07	19.12 LT	327644.70	358277.56	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
733	117+23.99	32.13 RT	327593.49	358311.55	Found 1-1/2" Aluminum Cap 0.3' below grade, illegible

Curve Table Folker Pathway Alignment					
Curve	Radius	Length	Delta	Chord Length	Chord Bearing
C1	20.00	11.90	34°05'37"	11.73	N78°55'54"E
C2	50.00	27.86	31°55'21"	27.50	N77°50'46"E
C3	100.00	26.14	14°58'47"	26.07	N86°19'03"E
C4	100.00	27.86	15°57'48"	27.77	N86°48'34"E
C5	40.00	10.34	14°48'33"	10.31	N87°23'11"E
C6	10.00	16.49	49°29'48"	14.69	S52°46'11"E
C7	9.00	13.28	84°33'25"	12.11	S47°47'59"E

Line Table Folker Pathway Alignment		
Line	Bearing	Distance
L1	S84°01'18"E	30.37
L2	N61°53'05"E	9.96
L3	S86°11'33"E	43.75
L4	N78°49'40"E	34.89
L5	S85°12'32"E	22.81
L6	N79°58'55"E	38.17
L7	S05°31'17"E	14.51
L8	N89°55'19"E	21.67

Horizontal Control – Folker Pathway Alignment					
Point	Station	Offset	Northing	Easting	Description
17	403+20.46	5.61 RT	327644.7	358277.56	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade

Horizontal Control – Folker Street Alignment					
Point	Station	Offset	Northing	Easting	Description
733	32+66.58	354.70 RT	327593.49	358311.55	Found 1-1/2" Aluminum Cap
635	32+69.32	126.61 LT	327593.82	357830.23	Found 1" Iron Rod 0.5' below grade
17	33+17.96	320.97 RT	327644.70	358277.56	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade

LEGEND

- Existing Brass Cap
- Existing Aluminum Cap
- Existing Rebar or Iron Pipe
- Control set by CRW
- (500) Control Point Number

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 100 50 0 50 100

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

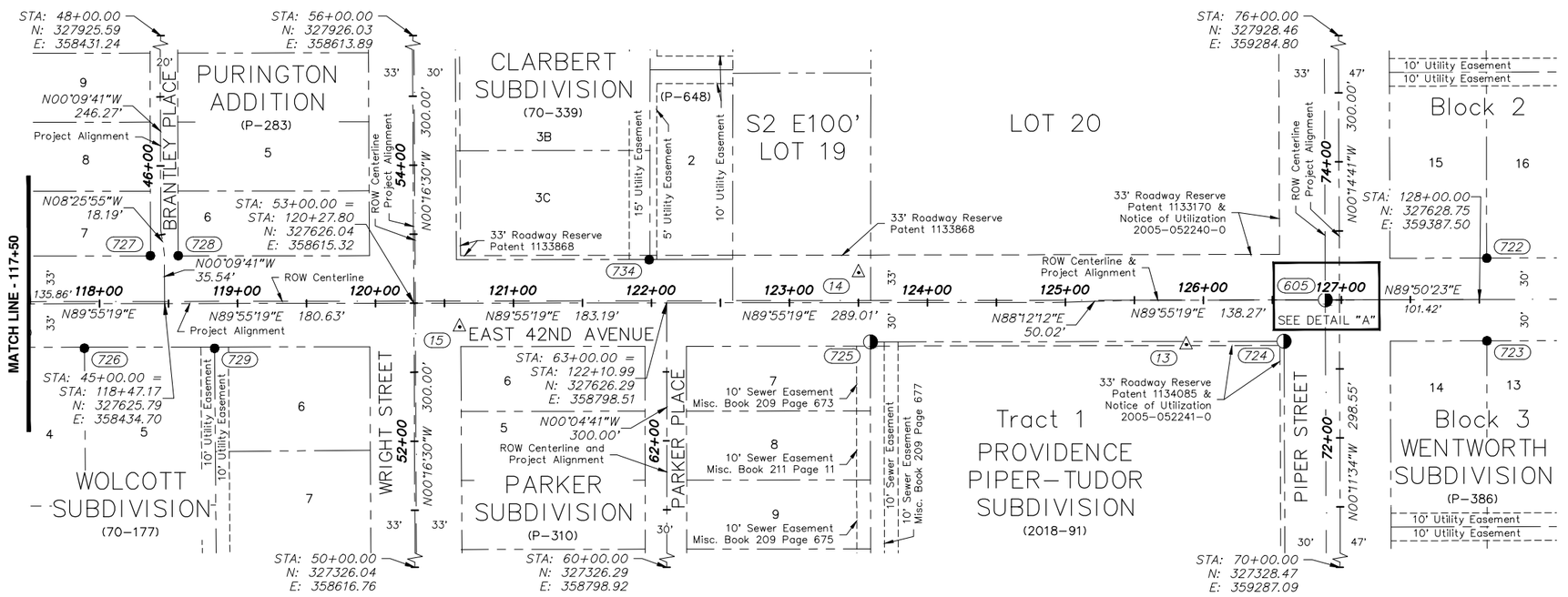
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

SURVEY CONTROL

E. 42ND AVENUE – STA 104+50 TO 117+50

SCALE HOR. 1"=50' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V2 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\03 Survey Control\10142.00 Survey Control Sheet_Phase 1.dwg



Horizontal Control – E. 42nd Avenue Alignment

Point	Station	Offset	Northing	Easting	Description
726	117+88.98	32.30 RT	327593.41	358376.55	Found 5/8" Rebar 0.2' above grade
727	118+36.90	34.71 LT	327660.48	358424.37	Found 1/2" Rebar, top 0.35' bent flush with ground
728	118+57.12	34.68 LT	327660.49	358444.6	Found 5.8" Rebar 0.7' below grade
729	118+83.34	32.49 RT	327593.35	358470.91	Found 5/8" Rebar flush with ground
15	120+61.03	17.18 RT	327608.91	358648.58	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
734	121+98.35	31.25 LT	327657.51	358785.83	Found 1/2" Rebar 0.02' below grade
14	123+50.20	21.77 LT	327648.25	358937.7	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
725	123+58.56	28.48 RT	327598.00	358946.12	Found 3-1/4" Aluminum Cap 0.3' below grade
13	125+87.74	32.30 RT	327596.00	359175.28	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
724	126+58.35	29.99 RT	327598.40	359245.89	Found 2" Aluminum Cap 0.05' below grade
605	126+88.29	0.00 RT	327628.44	359275.79	Found 2-1/2" Aluminum Cap 0.3' below grad in monument case

Horizontal Control – Brantley Place Alignment

Point	Station	Offset	Northing	Easting	Description
728	45+34.67	10.00 RT	327660.49	358444.6	Found 5.8" Rebar 0.7' below grade
727	45+34.72	10.23 LT	327660.48	358424.37	Found 1/2" Rebar, top 0.35' bent flush with ground

Horizontal Control – Parker Place Alignment

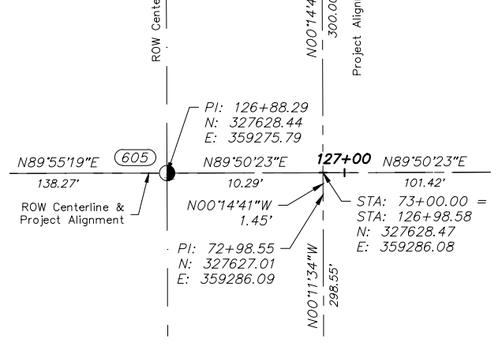
Point	Station	Offset	Northing	Easting	Description
725	62+71.52	147.57 RT	327598	358946.12	Found 3-1/4" Aluminum Cap 0.3' below grade
15	62+82.82	149.95 LT	327608.91	358648.58	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade

Horizontal Control – Wright Street Alignment

Point	Station	Offset	Northing	Easting	Description
729	52+68.01	144.57 LT	327593.35	358470.91	Found 5/8" Rebar flush with ground
726	52+68.52	238.93 LT	327593.41	358376.55	Found 5/8" Rebar 0.2' above grade
15	52+82.71	33.17 RT	327608.91	358648.58	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
734	53+30.66	170.66 RT	327657.51	358785.83	Found 1/2" Rebar 0.02' below grade
728	53+35.27	170.56 LT	327660.49	358444.60	Found 5.8" Rebar 0.7' below grade
727	53+35.36	190.79 LT	327660.48	358424.37	Found 1/2" Rebar, top 0.35' bent flush with ground

Horizontal Control – Piper Street Alignment

Point	Station	Offset	Northing	Easting	Description
13	72+67.90	110.91 LT	327596.00	359175.28	Set 5/8" Rebar with Red Plastic Cap 0.1' below grade
723	72+69.90	106.74 RT	327598.72	359392.92	Found 5/8" Rebar 0.7' above grade bent sliightly to west
724	72+70.07	40.29 LT	327598.40	359245.89	Found 2" Aluminum Cap 0.05' below grade
605	73+00.02	10.29 LT	327628.44	359275.79	Found 2-1/2" Aluminum Cap 0.3' below grad in monument case
722	73+29.73	106.82 RT	327658.65	359392.77	Found 5/8" Rebar flush with surface



DETAIL "A" – SCALE 1"=5'

LEGEND

- Existing Brass Cap
- Existing Aluminum Cap
- Existing Rebar or Iron Pipe
- Control set by CRW
- (500) Control Point Number

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 100 50 0 50 100 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 78	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
(AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

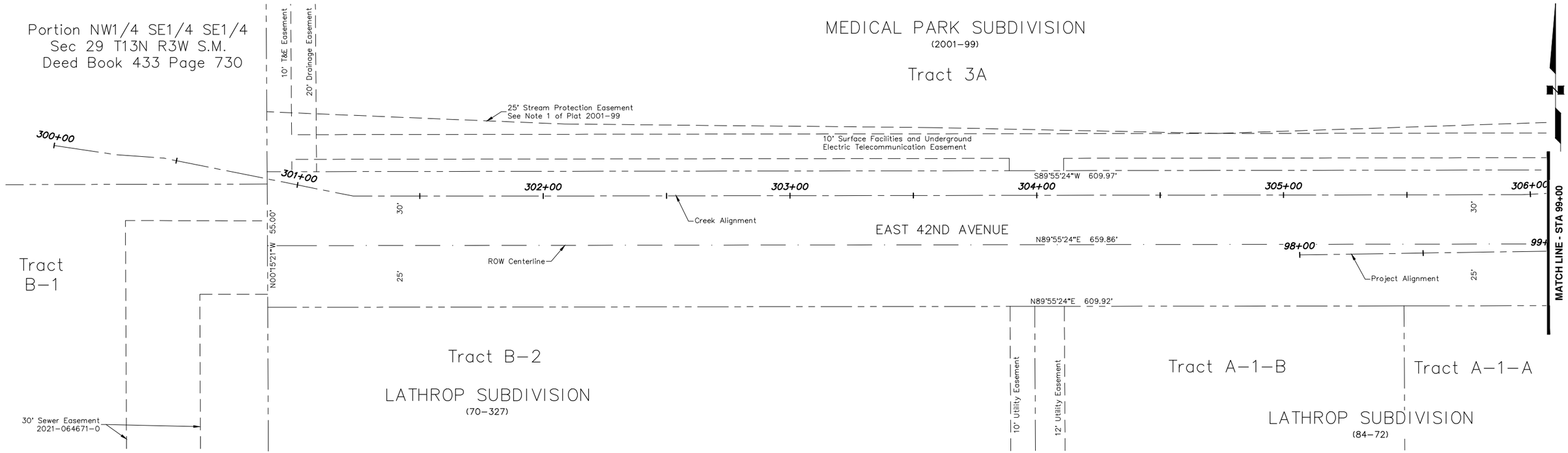
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

SURVEY CONTROL

E. 42ND AVENUE – STA 117+50 TO 128+00

SCALE HOR. 1"=50' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V3 of V17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\03 Survey Control\10142.00 Survey Control Sheet_Phase 1.dwg



LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

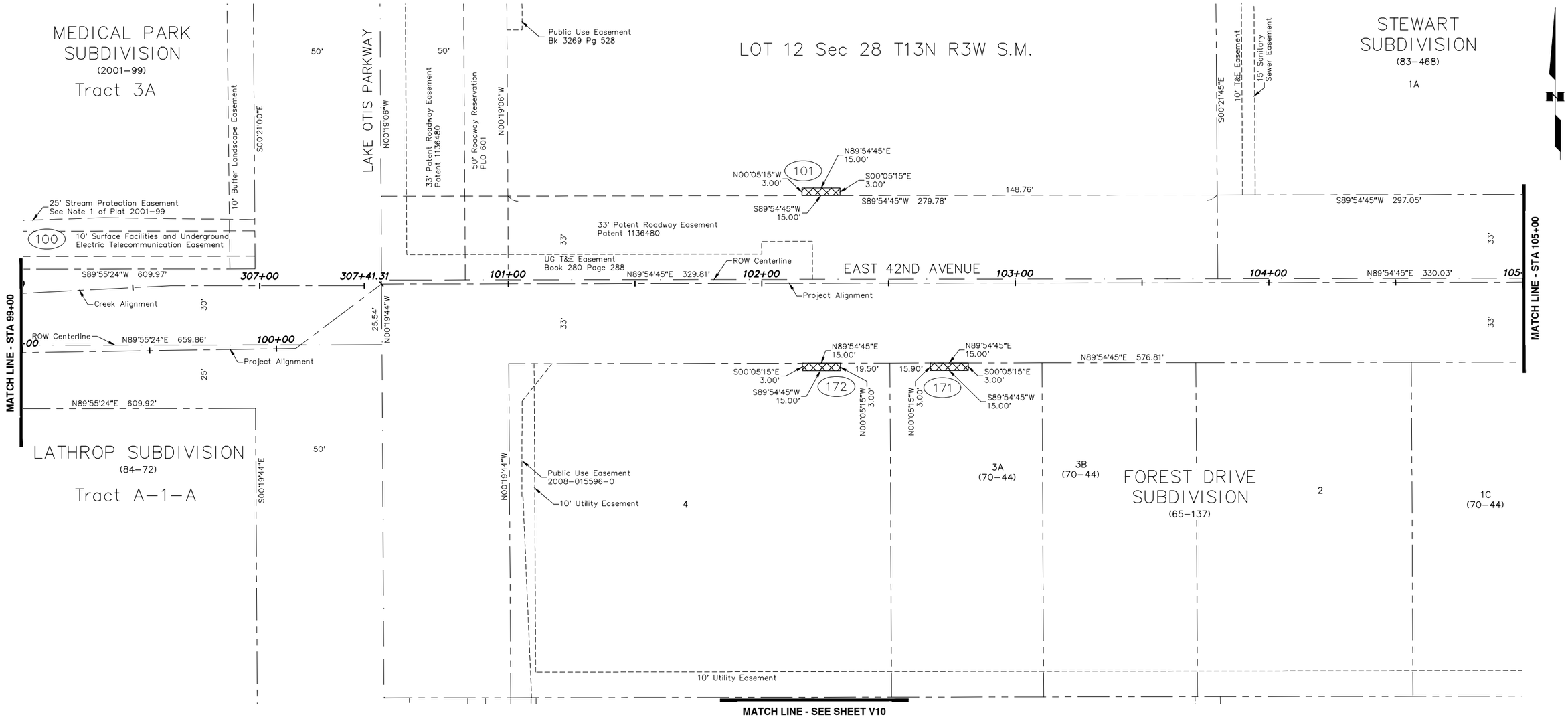
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

RIGHT OF WAY MAP

CREEK ALIGNMENT – STA 300+00 TO 306+05
E. 42ND AVENUE – STA 98+00 TO 99+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V4 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



RIGHT OF WAY ACQUISITION TABLE

PARCEL NO.	OWNER NAME	LEGAL DESCRIPTION	TYPE	AREA (SF)	DOCUMENT NUMBER
101	SOUTHCENTRAL FOUNDATION	T13N R3W, S.M., Sec 28, Lot 12	DE	45	
171	RAIDER LAKE OTIS LLC	Forest Drive Subdivision, Lot 3A Plat 70-44	DE	45	
172	RAIDER LAKE OTIS LLC	Forest Drive Subdivision, Lot 4 Plat 65-137	DE	45	

LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

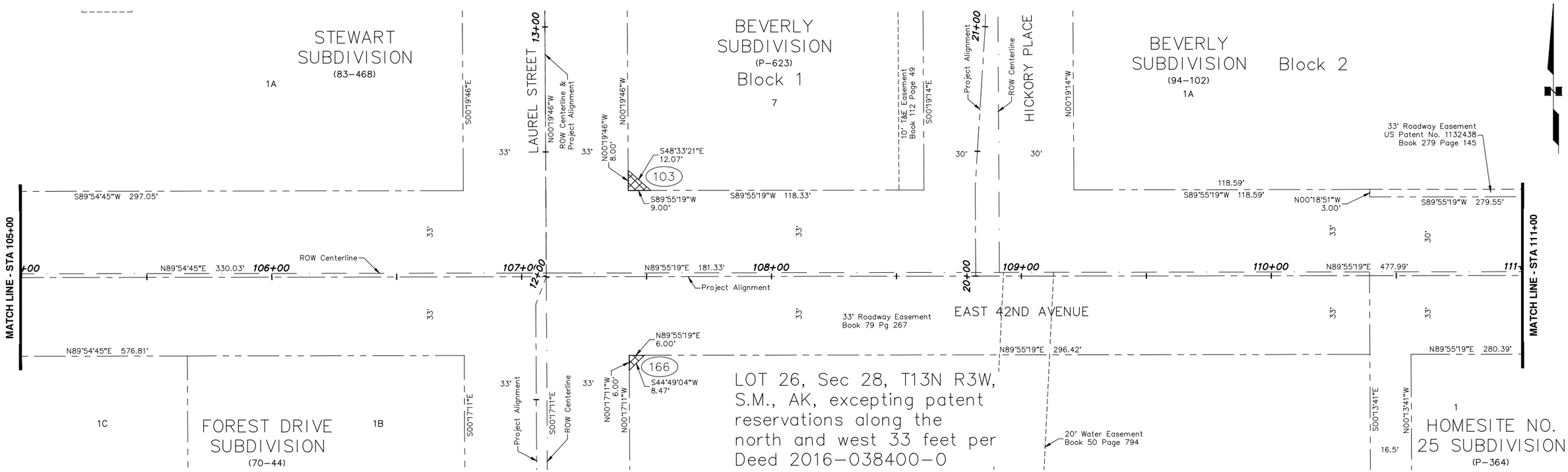
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

RIGHT OF WAY MAP

CREEK ALIGNMENT – STA 306+05 TO 307+41
E. 42ND AVENUE – STA 99+00 TO 105+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V5 of V17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



RIGHT OF WAY ACQUISITION TABLE

PARCEL NO.	OWNER NAME	LEGAL DESCRIPTION	TYPE	AREA (SF)	DOCUMENT NUMBER
103	MOODY GEORGE REVOCABLE LIVING TRUST THE	Beverly Subdivision, Block 1, Lot 7 Plat P-623	DE	36	
166	DEER PARK APARTMENTS LLC	Lot 26 Sec 28 T13N R3W S.M.	DE	18	

LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

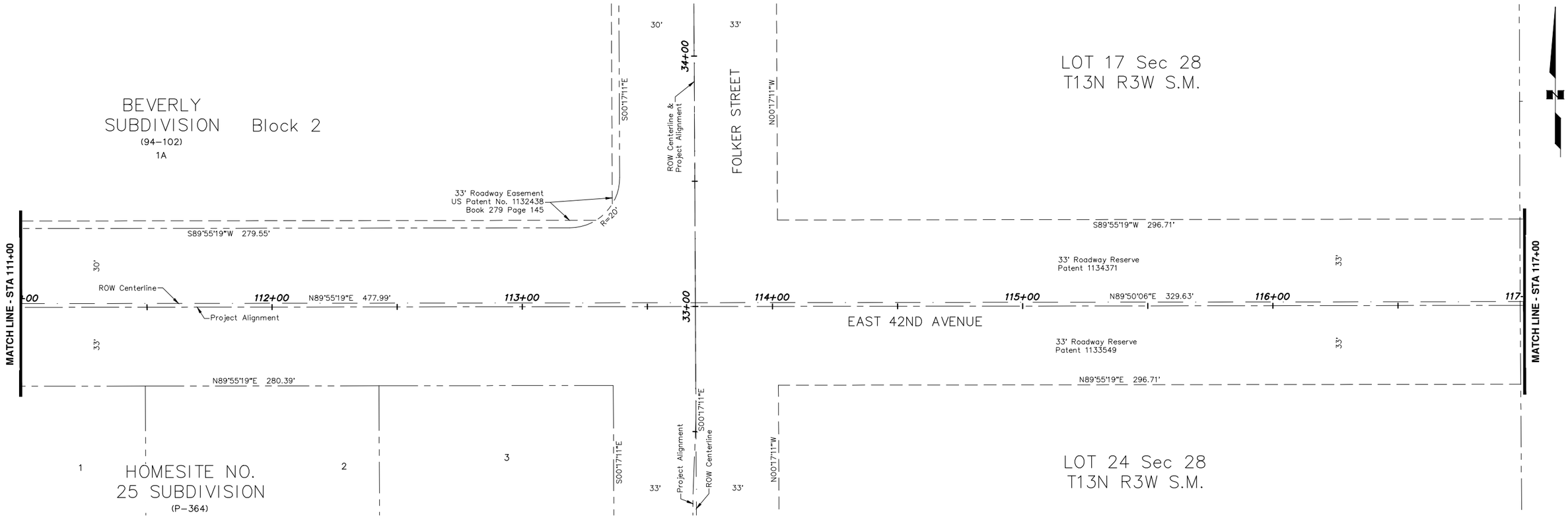
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

RIGHT OF WAY MAP

E. 42ND AVENUE – STA 105+00 TO 111+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V6 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA 49 TH
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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

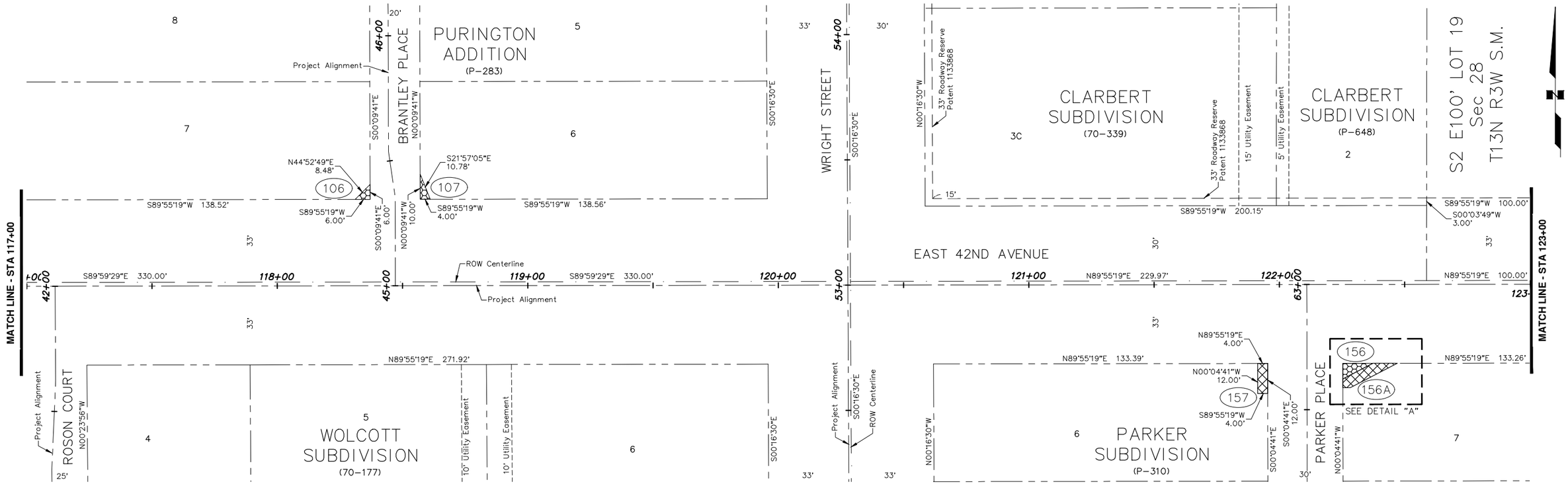
18–06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | ALL

RIGHT OF WAY MAP

E. 42ND AVENUE – STA 111+00 TO 117+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V7 of V17

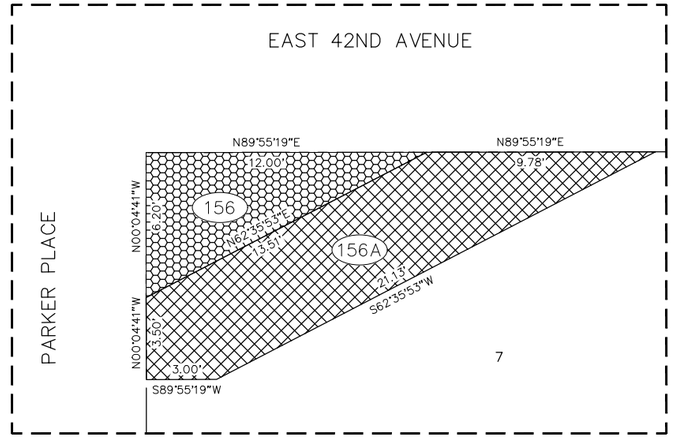
File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



RIGHT OF WAY ACQUISITION TABLE					
PARCEL NO.	OWNER NAME	LEGAL DESCRIPTION	TYPE	AREA (SF)	DOCUMENT NUMBER
106	JEWELL CARROL A DECLARATION OF TRUST	Purington Addition, Lot 7 Plat P-283	PUE	18	
107	GIOFFRE DEBORAH SUZANNE TRUST 1/3 & ABO DIANE J 1/3 & PINKHAM DARRYL L 1/3	Purington Addition, Lot 6 Plat P-283	PUE	20	
156	NADON KARL	Parker Subdivision, Lot 7 Plat P-310	PUE	37	
156A	NADON KARL	Parker Subdivision, Lot 7 Plat P-310	DE	83	
157	NASTASE EDWARD	Parker Subdivision, Lot 6 Plat P-310	DE	48	

LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement



DETAIL "A" NOT TO SCALE

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV.	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

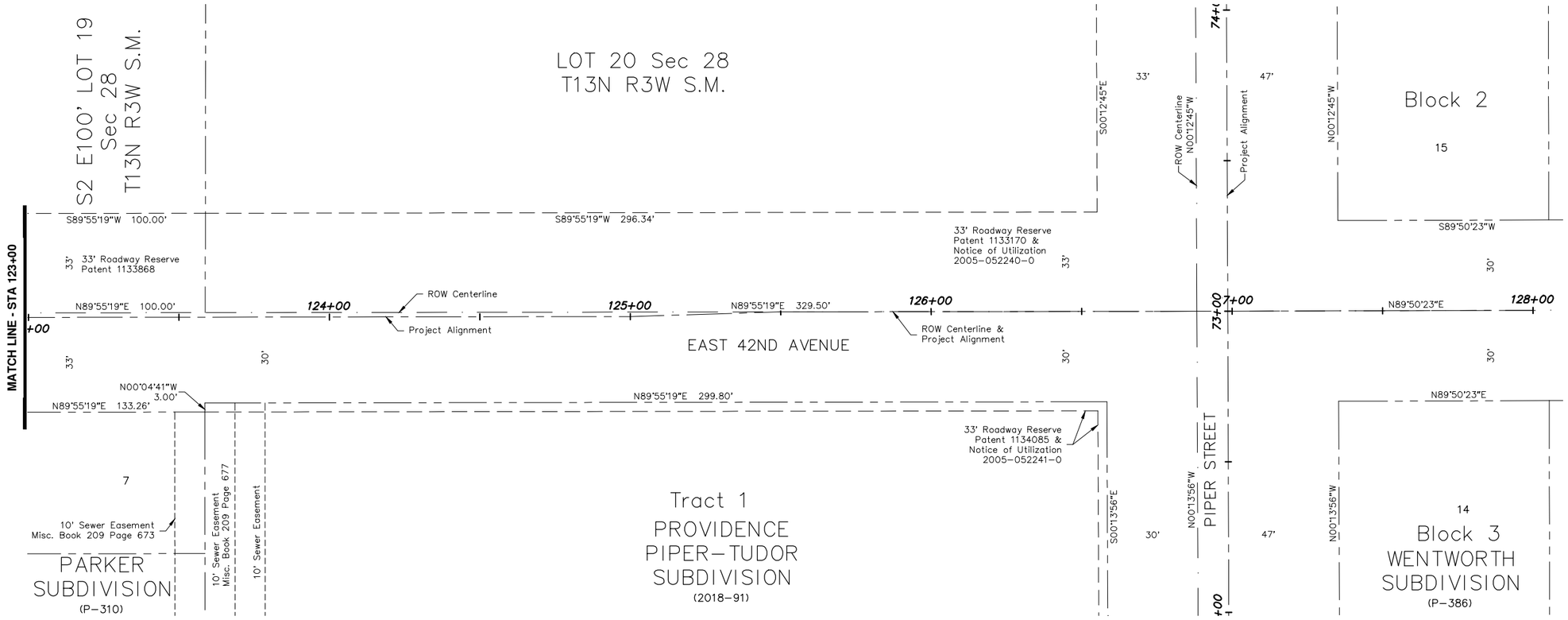
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — ALL

RIGHT OF WAY MAP

E. 42ND AVENUE – STA 117+00 TO 123+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V8 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA
49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

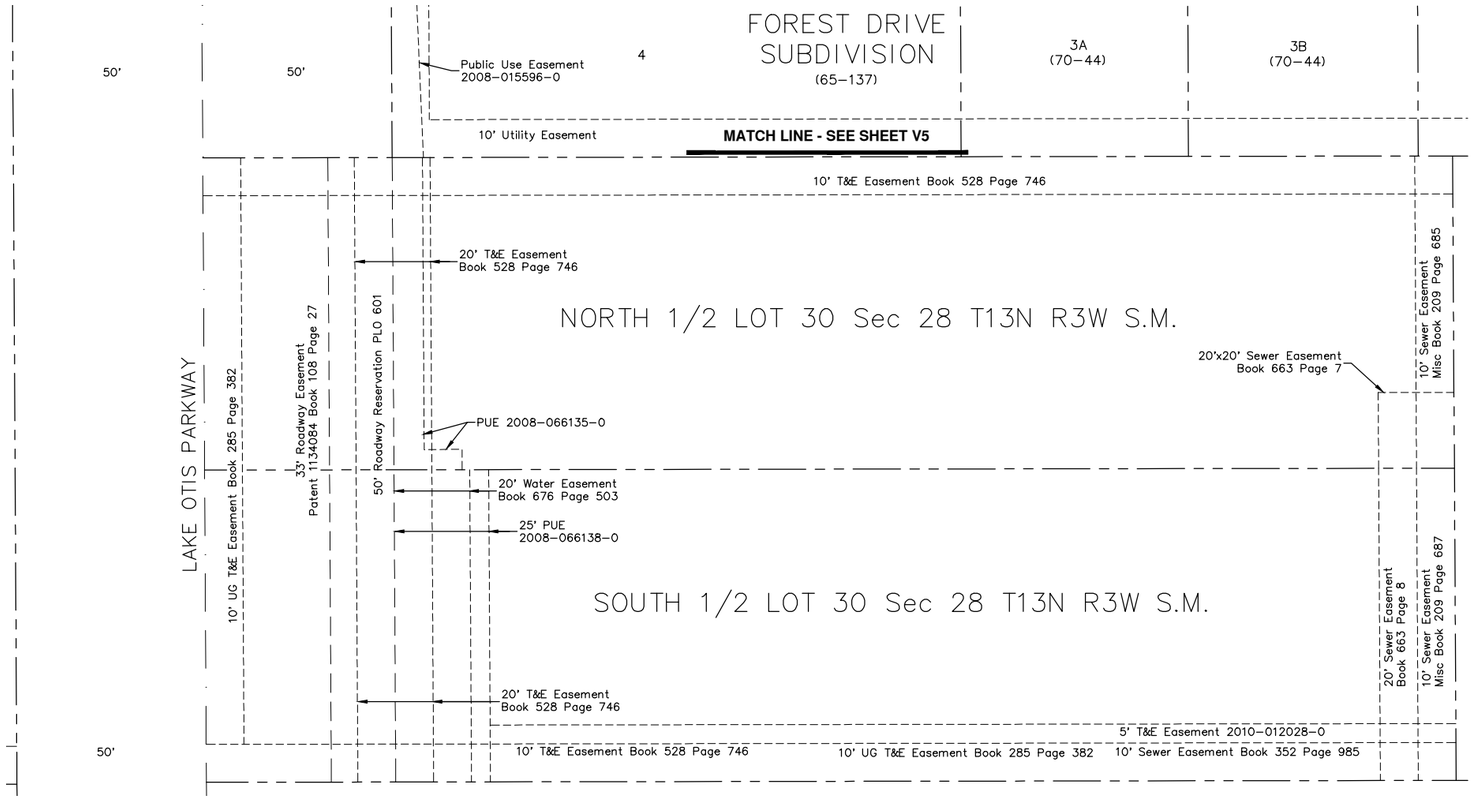
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

RIGHT OF WAY MAP

E. 42ND AVENUE – STA 123+00 TO 128+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V9 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



LEGEND

- (#) Parcel Number
- Public Use Easement
- Drainage Easement

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
1/26/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

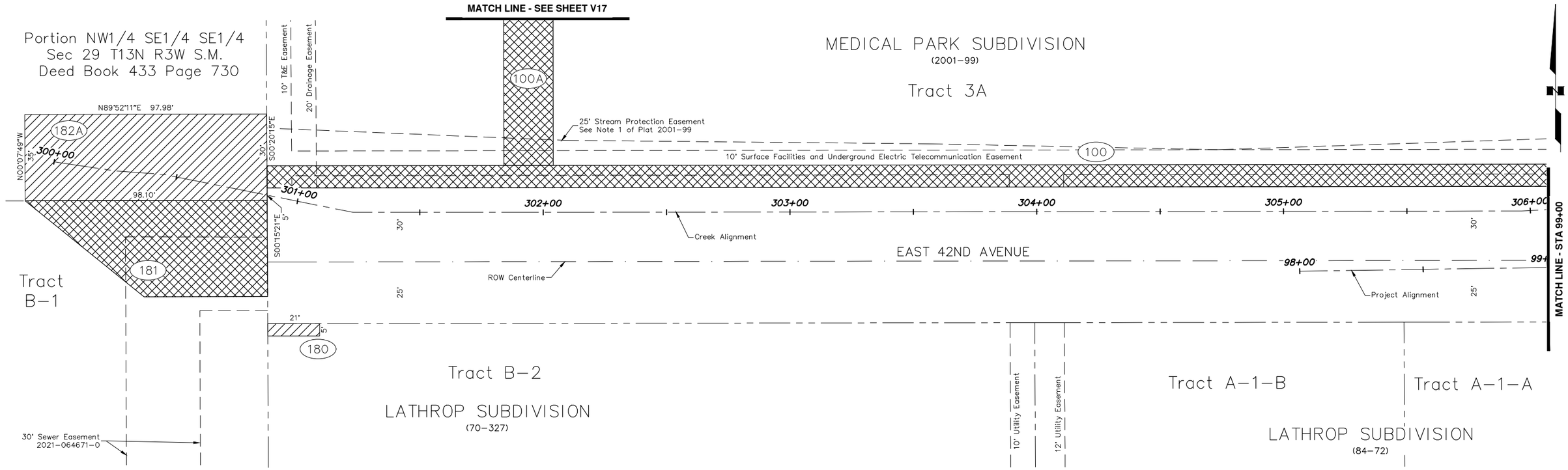
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

RIGHT OF WAY MAP

LAKE OTIS PARKWAY SOUTH OF E. 42ND AVENUE

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V10 of V17

File:J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 ROW Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
100	Medical Park Subdivision, Tract 3A Plat 2001-99	TCE
100A	Medical Park Subdivision, Tract 3A Plat 2001-99	TCE
180	Lathrop Subdivision, Tract B-2 Plat 70-327	TCP
181	Lathrop Subdivison, Tract B-1 Plat 70-327	TCE
182A	Portion NW1/4 SE1/4 SE1/4 Sec 29 T13N R3W S.M. Deed Book 433 Page 730	ITCP

LEGEND

(#) Parcel Number

Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)

Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 40 20 0 20 40 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV.	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

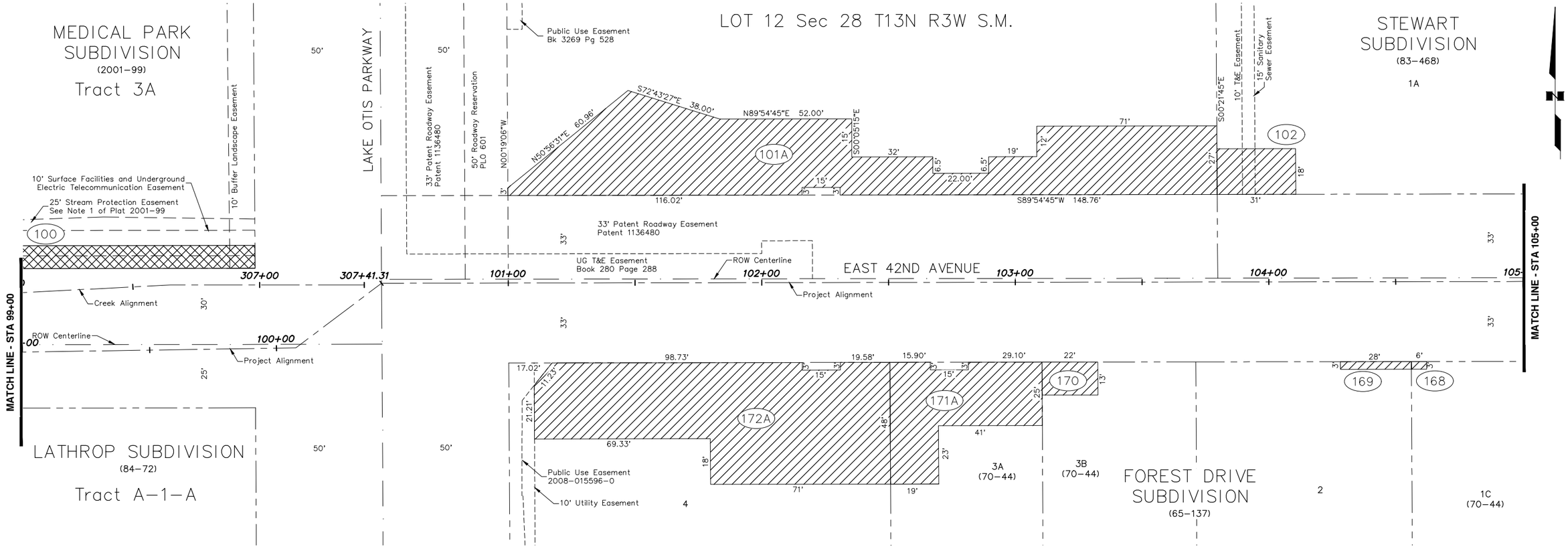
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY EASEMENT & PERMIT MAP

CREEK ALIGNMENT – STA 300+00 TO 306+05
E. 42ND AVENUE – STA 98+00 TO 99+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V11 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
100	Medical Park Subdivision, Tract 3A Plat 2001-99	TCE
101A	T13N R3W, S.M., SEC 28 LOT 12	TCP
102	Stewart Subdivision, Lot 1A Plat 83-468	TCP
168	Forest Drive Subdivision, Lot 1C Plat 70-44	TCP
169	Forest Drive Subdivision, Lot 2 Plat 65-137	TCP
170	Forest Drive Subdivision, Lot 3B Plat 70-44	TCP
171A	Forest Drive Subdivision, Lot 3A Plat 70-44	TCP
172A	Forest Drive Subdivision, Lot 4 Plat 65-137	TCP

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK		
DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD	
FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

GRAPHIC 40 20 0 20 40 SCALE

VERTICAL DATUM			
BM NO.	LOCATION	ELEV.	
GAAB 69	See MOA Benchmark Book, Page D-22	162.47	
CB 7B	See MOA Benchmark Book, Page D-18	161.20	
BASIS OF THIS DATUM GAAB 1972 ADJUST			

REVISIONS			
REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK
CONSULTANT

SEAL
STATE OF ALASKA
49 TH
Anthony J. Robinson
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3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

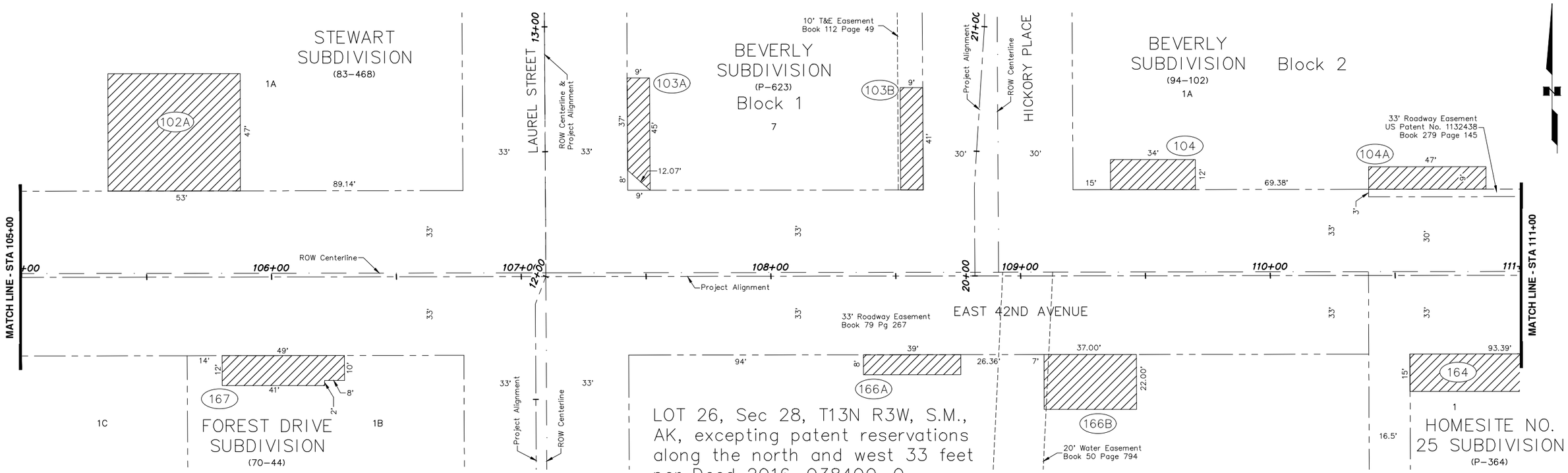
18-06 42ND AVENUE UPGRADE - PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

TEMPORARY EASEMENT & PERMIT MAP

CREEK ALIGNMENT - STA 306+05 TO 307+41
E. 42ND AVENUE - STA 99+00 TO 105+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V12 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
102A	Stewart Subdivision, Lot 1A Plat 83-468	TCP
103A	Beverly Subdivision, Block 1, Lot 7 Plat P-623	TCP
103B	Beverly Subdivision, Block 1, Lot 7 Plat P-623	TCP
104	Beverly Subdivision, Block 2, Lot 1A Plat 94-102	TCP
104A	Beverly Subdivision, Block 2, Lot 1A Plat 94-102	TCP
164	Homesite No. 25 Subdivision, Lot 1 Plat P-364	TCP
166A	Lot 26 Sec 28 T13N R3W S.M.	TCP
166B	Lot 26 Sec 28 T13N R3W S.M.	TCP
167	Forest Drive Subdivision, Lot 1B Plat 70-44	TCP

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

RECORD DRAWING

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   CONTRACTOR: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV.	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

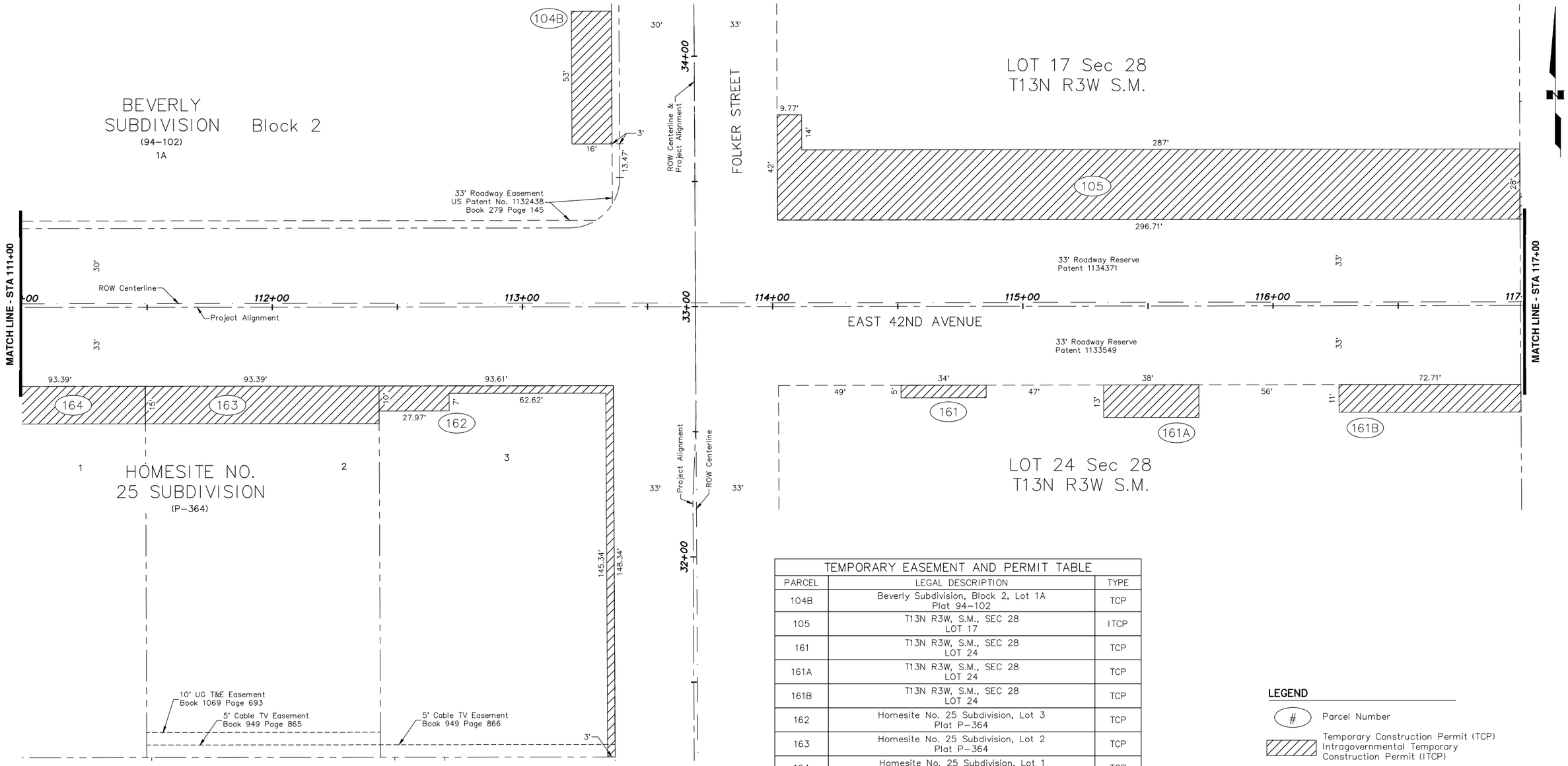
18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | ALL

TEMPORARY EASEMENT & PERMIT MAP

E. 42ND AVENUE – STA 105+00 TO 111+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V13 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
104B	Beverly Subdivision, Block 2, Lot 1A Plat 94–102	TCP
105	T13N R3W, S.M., SEC 28 LOT 17	ITCP
161	T13N R3W, S.M., SEC 28 LOT 24	TCP
161A	T13N R3W, S.M., SEC 28 LOT 24	TCP
161B	T13N R3W, S.M., SEC 28 LOT 24	TCP
162	Homesite No. 25 Subdivision, Lot 3 Plat P–364	TCP
163	Homesite No. 25 Subdivision, Lot 2 Plat P–364	TCP
164	Homesite No. 25 Subdivision, Lot 1 Plat P–364	TCP

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198 & 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

GRAPHIC 40 20 0 20 40 SCALE

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D–22	162.47
CB 78	See MOA Benchmark Book, Page D–18	161.20
BASIS OF THIS DATUM GAAB 1972 ADJUST		

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#ACCL882–AK

CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

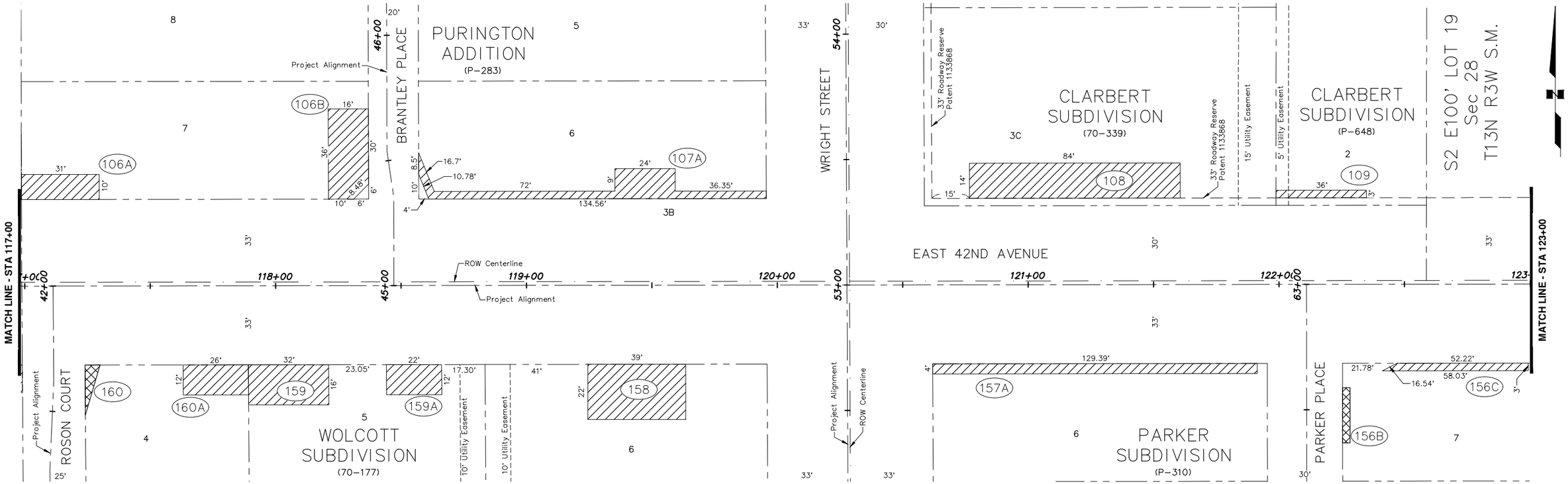
18–06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

TEMPORARY EASEMENT & PERMIT MAP

E. 42ND AVENUE – STA 111+00 TO 117+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V14 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
106A	Purington Addition, Lot 7 Plat P-283	TCP
106B	Purington Addition, Lot 7 Plat P-283	TCP
107A	Purington Addition, Lot 6 Plat P-283	TCP
108	Clarbert Subdivision, Lot 3C Plat 70-339	TCP
109	Clarbert Subdivision, Lot 2 Plat P-648	TCP
156B	Parker Subdivision, Lot 7 Plat P-310	TCE
156C	Parker Subdivision, Lot 7 Plat P-310	TCP
157A	Parker Subdivision, Lot 6 Plat P-310	TCP
158	Wolcott Subdivision, Lot 6 Plat 70-177	TCP
159	Wolcott Subdivision, Lot 5 Plat 70-177	TCP
159A	Wolcott Subdivision, Lot 5 Plat 70-177	TCP
160	Wolcott Subdivision, Lot 4 Plat 70-177	TCE
160A	Wolcott Subdivision, Lot 4 Plat 70-177	TCP

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

RECORD DRAWING

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   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV.	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Anthony J. Robinson
LS-12316
3/28/2024
REGISTERED PROFESSIONAL LAND SURVEYOR
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

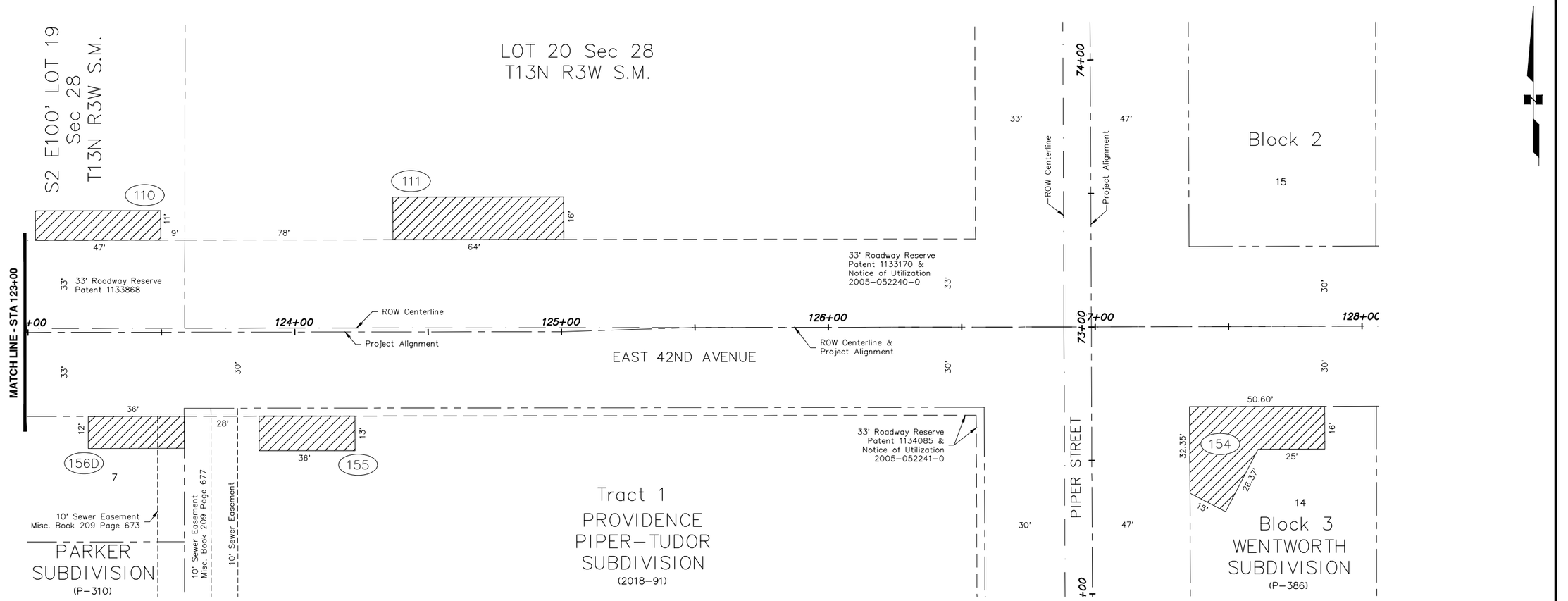
18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | ALL

TEMPORARY EASEMENT & PERMIT MAP

E. 42ND AVENUE – STA 117+00 TO 123+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V15 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
110	S2 E100' LOT 19 Sec 28 T13N R3W, S.M.	TCP
111	LOT 20 Sec 28 T13N R3W, S.M.	TCP
154	Wentworth Subdivision, Block 3, Lot 14 Plat P-386	TCP
155	Providence Piper-Tudor Subdivision, Tract 1 Plat 2018-91	TCP
156D	Parker Subdivision, Lot 7 Plat P-310	TCP

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
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INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 | 42ND AVENUE UPGRADE - PHASE 1 | LAKE OTIS PARKWAY TO PIPER STREET | ALL

TEMPORARY EASEMENT & PERMIT MAP

E. 42ND AVENUE - STA 123+00 TO 128+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET V16 of V17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg

MATCH LINE - SEE SHEET V11

MEDICAL PARK SUBDIVISION
(2001-99)
Tract 3A

100A

Natural Open Space Buffer

T&E Easement
Plat 76-258

EAST 40TH AVENUE

22'

30'

MEDICAL PARK SUBDIVISION
(67-88)
Tract 1

TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
100A	Medical Park Subdivision, Tract 3A Plat 2001-99	TCE

LEGEND

- (#) Parcel Number
- Temporary Construction Permit (TCP) Intragovernmental Temporary Construction Permit (ITCP)
- Temporary Construction Easement (TCE)

Temporary Construction Permits (TCP) and Intragovernmental Temporary Construction Permits (ITCP) are dimensioned on this sheet. Temporary Construction Easements (TCE) are dimensioned on a Separate Parcel Map Exhibit.

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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

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REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE - PHASE 1 ALL
LAKE OTIS PARKWAY TO PIPER STREET

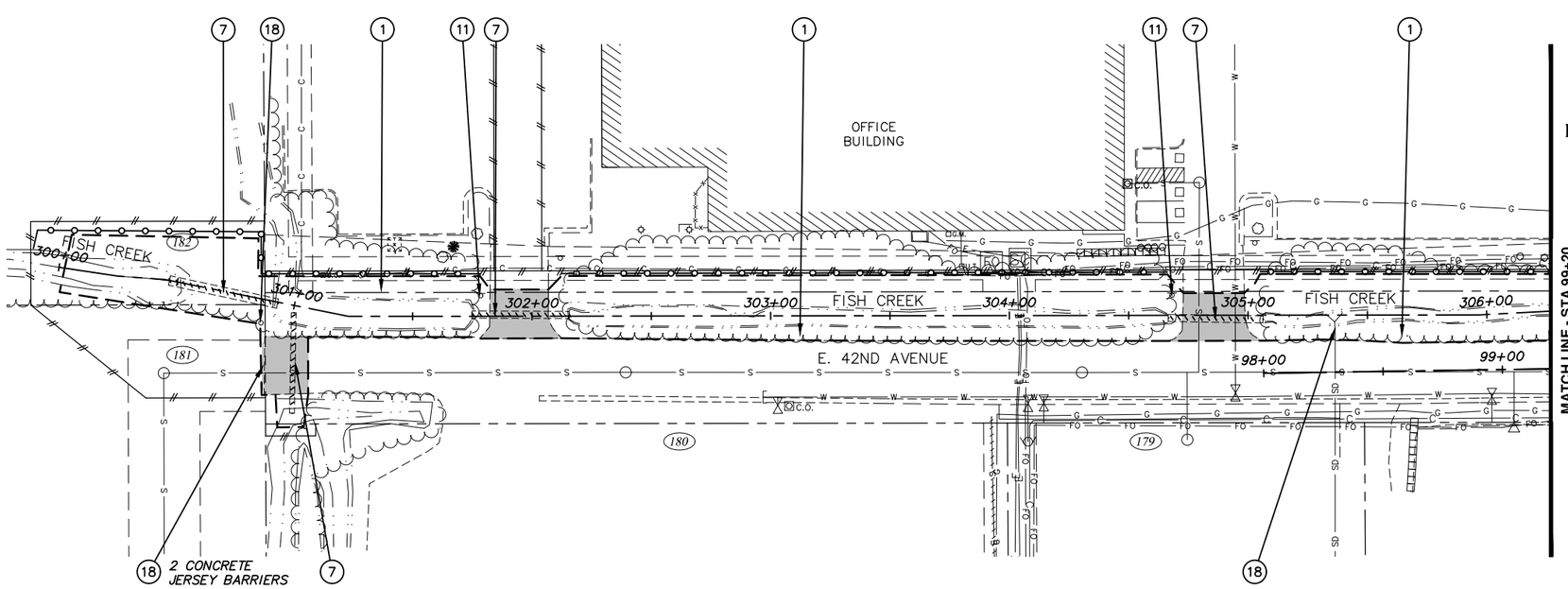
TEMPORARY EASEMENT & PERMIT MAP

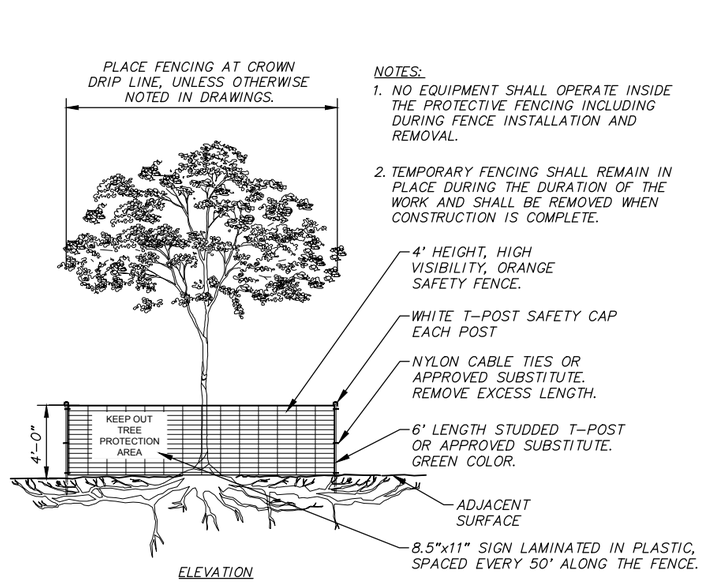
LAKE OTIS PARKWAY SOUTH OF E. 42ND AVENUE

SCALE HOR. 1"=20'
VER. N/A

GRID SW1733, SW1734, SW1735
DATE MARCH 2024 STATUS FINAL
SHEET V17 of V17

File:J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\02 Survey\02 ROW Base\10142.00 Temp Esmt And Permit Map.dwg





NOTES:
1. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
2. TEMPORARY FENCING SHALL REMAIN IN PLACE DURING THE DURATION OF THE WORK AND SHALL BE REMOVED WHEN CONSTRUCTION IS COMPLETE.

ELEVATION

TEMPORARY TREE PROTECTION FENCE DETAIL

1 SCALE: NTS

LEGEND

(1) CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.

(7) REMOVE PIPE (SECTION 70.07).

(11) REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).

(18) REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22)

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE

REMOVE PIPE

TEMPORARY TREE PROTECTION FENCE (SECTION 75.12), LOCATIONS TO BE FIELD VERIFIED, SEE DETAIL 1, THIS SHEET.

NOTES:
1. SEE SUMMARY TABLE SHEETS B7–B12 FOR STATION AND OFFSET OF DEMOLITION ITEMS.
2. SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.

RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____
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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
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STATE OF ALASKA 49 TH
Christopher T. Koenen
CE–14537
3/26/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

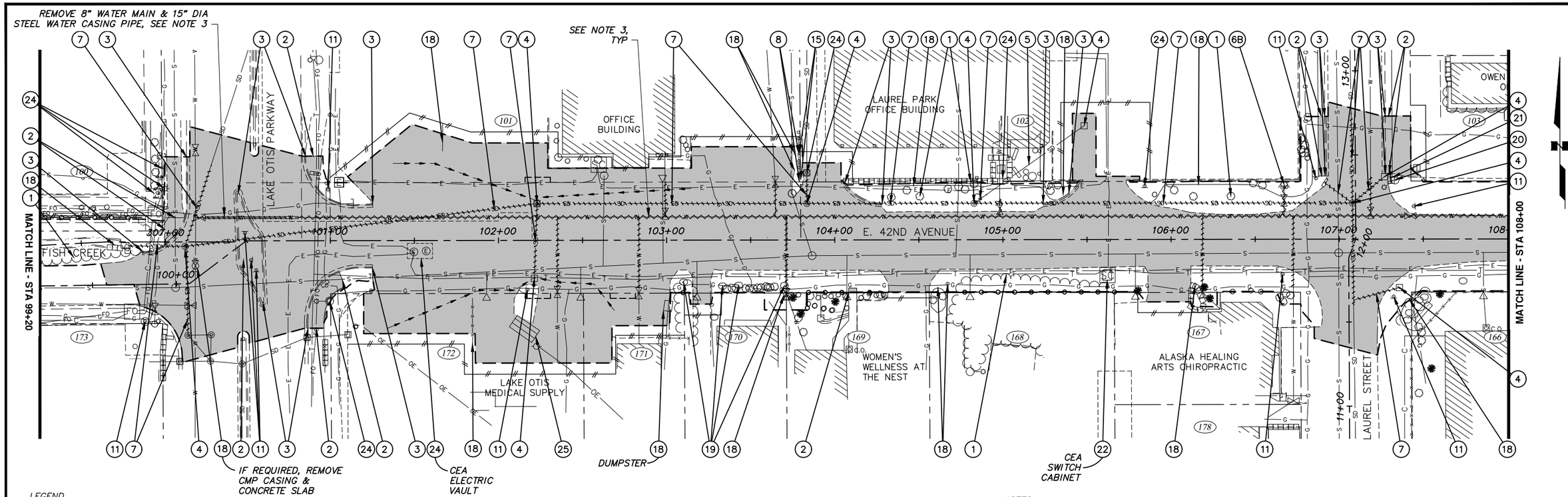
18–06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION PLAN

E. 42ND AVENUE
BOP TO STA 99+20

SCALE HOR. 1"=30' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B1 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg



LEGEND

(1) CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.

(2) REMOVE SIDEWALK OR CONCRETE APRON (SECTION 20.07).

(3) REMOVE CURB AND GUTTER (SECTION 20.08).

(4) REMOVE MANHOLE OR CATCH BASIN (SECTION 55.11).

(5) ABANDON CATCH BASIN LEAD (SECTION 55.13).

(6B) DECOMMISSION FIRE HYDRANT IN PLACE (SECTION 60.08).

(7) REMOVE PIPE (SECTION 70.07).

(8) REMOVE AND RESET FENCE (SECTION 70.08).

(11) REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).

(15) REMOVE AND RESET GUARDRAIL (SECTION 70.15).

(18) REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22).

(19) SALVAGE AND RELOCATE OR DISPOSE EXISTING BOULDER AS DIRECTED BY ENGINEER IN THE FIELD (SECTION 75.11).

(20) REMOVE LUMINAIRE POLE (SECTION 80.28).

(21) REMOVE JUNCTION BOX (SECTION 80.28).

(22) REMOVE LUMINAIRE POLE, UTILITY POLE, LUMINAIRE ARM, OR UTILITY INFRASTRUCTURE (BY OTHERS).

(24) PROTECT IN PLACE.

(25) REMOVE AND RELOCATE COFFEE CART (SECTION 70.27).

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

REMOVE PIPE, SEE NOTE 3 FOR WATER MAIN REMOVAL.

DECOMMISSION PIPELINE IN PLACE (SECTION 60.08), SEE NOTE 3.

TEMPORARY TREE PROTECTION FENCE (SECTION 75.12), LOCATIONS TO BE FIELD VERIFIED, SEE DETAIL 1 ON SHEET B1.

NOTES:

1. SEE SUMMARY TABLE SHEETS B7–B12 FOR STATION AND OFFSET OF DEMOLITION ITEMS.
2. SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.
3. SEE 60.08 DECOMMISSION PIPELINE IN PLACE SUMMARY TABLE FOR WATER MAINS TO BE DECOMMISSIONED IN PLACE. SEE 60.08 DECOMMISSION PIPELINE BY REMOVAL SUMMARY TABLE FOR EXTENTS OF WATER MAIN PIPE REMOVAL. WATER SERVICES ARE NOT LISTED IN THE SUMMARY TABLE, SEE WATER (W) SHEETS FOR EXTENTS OF WATER SERVICE PIPE REMOVAL. THE REMOVAL OF WATER MAIN PIPE/CASING AND DEMOLITION OF WATER FEATURES INCLUDING WATER SERVICE PIPES AND FIRE HYDRANTS ARE INCIDENTAL TO BID ITEMS IN SCHEDULE D AND NO SEPARATE PAYMENT SHALL BE MADE.

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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

CONSTRUCTION RECORD

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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PHONE: (907) 562–3252
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STATE OF ALASKA 49 TH
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

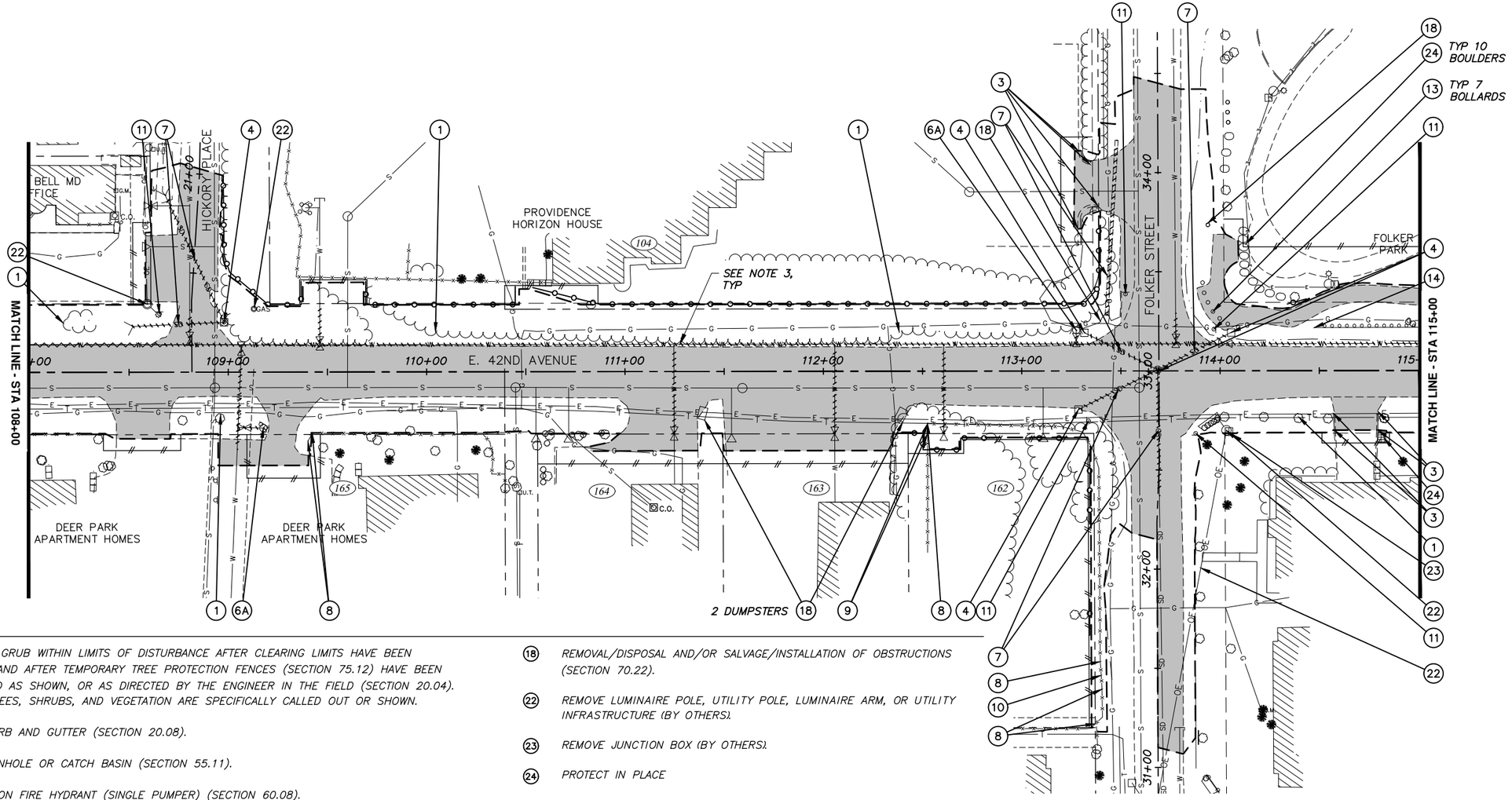
18–06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION PLAN

E. 42ND AVENUE
STA 99+20 TO 108+00

SCALE HOR. 1"=30' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B2 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg



LEGEND

(1) CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.

(3) REMOVE CURB AND GUTTER (SECTION 20.08).

(4) REMOVE MANHOLE OR CATCH BASIN (SECTION 55.11).

(6A) DECOMMISSION FIRE HYDRANT (SINGLE PUMPER) (SECTION 60.08).

(7) REMOVE PIPE (SECTION 70.07).

(8) REMOVE AND RESET FENCE (SECTION 70.08).

(9) REMOVE FENCE (SECTION 70.08).

(10) REMOVE AND RESET GATE (SECTION 70.08).

(11) REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).

(13) REMOVE BOLLARD OR POST (SECTION 70.13).

(14) REMOVE GUARDRAIL (SECTION 70.14).

(18) REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22).

(22) REMOVE LUMINAIRE POLE, UTILITY POLE, LUMINAIRE ARM, OR UTILITY INFRASTRUCTURE (BY OTHERS).

(23) REMOVE JUNCTION BOX (BY OTHERS).

(24) PROTECT IN PLACE

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

REMOVE PIPE, SEE NOTE 3 FOR WATER MAIN REMOVAL.

DECOMMISSION PIPELINE IN PLACE (SECTION 60.08), SEE NOTE 3.

TEMPORARY TREE PROTECTION FENCE (SECTION 75.12), LOCATIONS TO BE FIELD VERIFIED, SEE DETAIL 1 ON SHEET B1.

NOTES:

1. SEE SUMMARY TABLE SHEETS B7–B12 FOR STATION AND OFFSET OF DEMOLITION ITEMS.
2. SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.
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PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

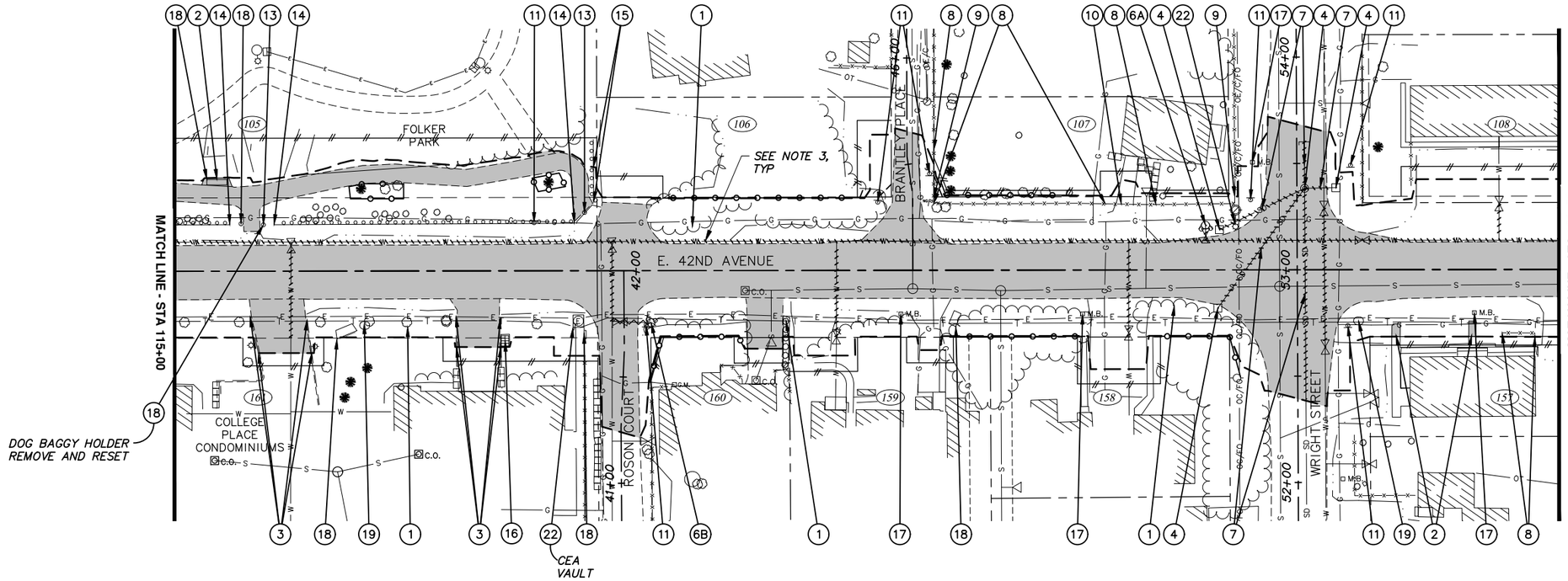
18–06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION PLAN

E. 42ND AVENUE
STA 108+00 TO 115+00

SCALE HOR. 1"=30' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B3 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg



LEGEND

① *CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.*

② *REMOVE SIDEWALK OR CONCRETE APRON (SECTION 20.07).*

③ *REMOVE CURB AND GUTTER (SECTION 20.08).*

④ *REMOVE MANHOLE OR CATCH BASIN (SECTION 55.11).*

⑥A *DECOMMISSION FIRE HYDRANT (SINGLE PUMPER) (SECTION 60.08).*

⑥B *DECOMMISSION FIRE HYDRANT IN PLACE (SECTION 60.08).*

⑦ *REMOVE PIPE (SECTION 70.07).*

⑧ *REMOVE AND RESET FENCE (SECTION 70.08).*

⑨ *REMOVE FENCE (SECTION 70.08).*

⑩ *REMOVE AND RESET GATE (SECTION 70.08).*

⑪ *REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).*

⑬ *REMOVE BOLLARD OR POST (SECTION 70.13).*

⑭ *REMOVE GUARDRAIL (SECTION 70.14).*

⑮ *REMOVE AND RESET GUARDRAIL (SECTION 70.15).*

⑯ *RELOCATE CLUSTER MAILBOX (SECTION 70.17).*

⑰ *RELOCATE MAILBOX (SECTION 70.17).*

⑱ *REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22)*

⑲ *SALVAGE AND RELOCATE OR DISPOSE EXISTING BOULDER AS DIRECTED BY ENGINEER IN THE FIELD (SECTION 75.11).*

㉒ *REMOVE LUMINAIRE POLE, UTILITY POLE, LUMINAIRE ARM, OR UTILITY INFRASTRUCTURE (BY OTHERS).*

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

REMOVE PIPE, SEE NOTE 3 FOR WATER MAIN REMOVAL.

DECOMMISSION PIPELINE IN PLACE (SECTION 60.08), SEE NOTE 3.

TEMPORARY TREE PROTECTION FENCE (SECTION 75.12), LOCATIONS TO BE FIELD VERIFIED, SEE DETAIL 1 ON SHEET B1.

NOTES:

1. *SEE SUMMARY TABLE SHEETS B7–B12 FOR STATION AND OFFSET OF DEMOLITION ITEMS.*
2. *SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.*
3. *SEE 60.08 DECOMMISSION PIPELINE IN PLACE SUMMARY TABLE FOR WATER MAINS TO BE DECOMMISSIONED IN PLACE. SEE 60.08 DECOMMISSION PIPELINE BY REMOVAL SUMMARY TABLE FOR EXTENTS OF WATER MAIN PIPE REMOVAL. WATER SERVICES ARE NOT LISTED IN THE SUMMARY TABLE, SEE WATER (W) SHEETS FOR EXTENTS OF WATER SERVICE PIPE REMOVAL. THE REMOVAL OF WATER MAIN PIPE/CASING AND DEMOLITION OF WATER FEATURES INCLUDING WATER SERVICE PIPES AND FIRE HYDRANTS ARE INCIDENTAL TO BID ITEMS IN SCHEDULE D AND NO SEPARATE PAYMENT SHALL BE MADE.*

RECORD DRAWING

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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

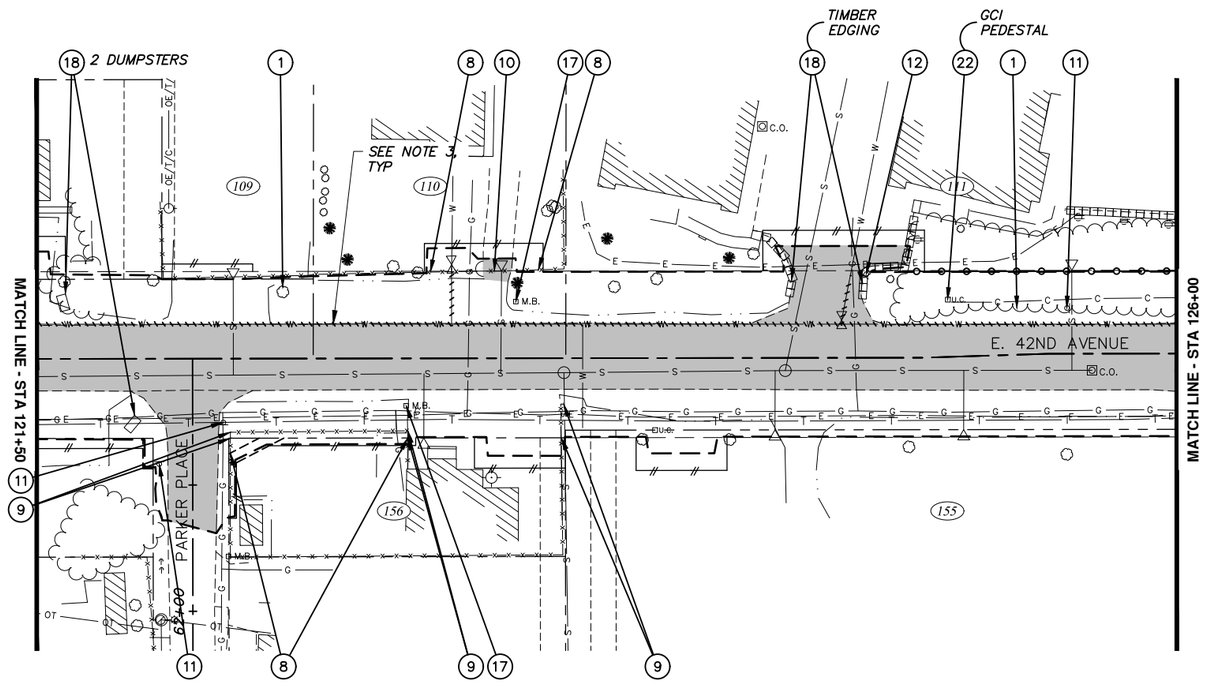
18–06 42ND AVENUE UPGRADE – PHASE 1 ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION PLAN

E. 42ND AVENUE
STA 115+00 TO 121+50

SCALE HOR. 1"=30' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B4 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg



LEGEND

(1) *CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.*

(8) *REMOVE AND RESET FENCE (SECTION 70.08).*

(9) *REMOVE FENCE (SECTION 70.08).*

(10) *REMOVE AND RESET GATE (SECTION 70.08).*

(11) *REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).*

(12) *REMOVE AND RELOCATE SIGN (SECTION 70.11).*

(17) *RELOCATE MAILBOX (SECTION 70.17).*

(18) *REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22).*

(22) *REMOVE LUMINAIRE POLE, UTILITY POLE, LUMINAIRE ARM, OR UTILITY INFRASTRUCTURE (BY OTHERS).*

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

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REMOVE PIPE, SEE NOTE 3 FOR WATER MAIN REMOVAL.

TEMPORARY TREE PROTECTION FENCE (SECTION 75.12), LOCATIONS TO BE FIELD VERIFIED, SEE DETAIL 1 ON SHEET B1.

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PLAN CHECK

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
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WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
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ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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Christopher T. Koenen
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION PLAN

E. 42ND AVENUE
STA 121+50 TO 126+00

SCALE HOR. 1"=30' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B5 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg

LEGEND

(1) CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TEMPORARY TREE PROTECTION FENCES (SECTION 75.12) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.

(2) REMOVE SIDEWALK OR CONCRETE APRON (SECTION 20.07).

(3) REMOVE CURB AND GUTTER (SECTION 20.08).

(4) REMOVE MANHOLE OR CATCH BASIN (SECTION 55.11).

(6B) DECOMMISSION FIRE HYDRANT IN PLACE (SECTION 60.08).

(7) REMOVE PIPE (SECTION 70.07).

(8) REMOVE AND RESET FENCE (SECTION 70.08).

(11) REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 70.11).

(18) REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (SECTION 70.22).

(21) REMOVE JUNCTION BOX (SECTION 80.28).

(22) REMOVE LUMINAIRE POLE, UTILITY POLE, LUMINAIRE ARM, OR UTILITY INFRASTRUCTURE (BY OTHERS).

(24) PROTECT IN PLACE.

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

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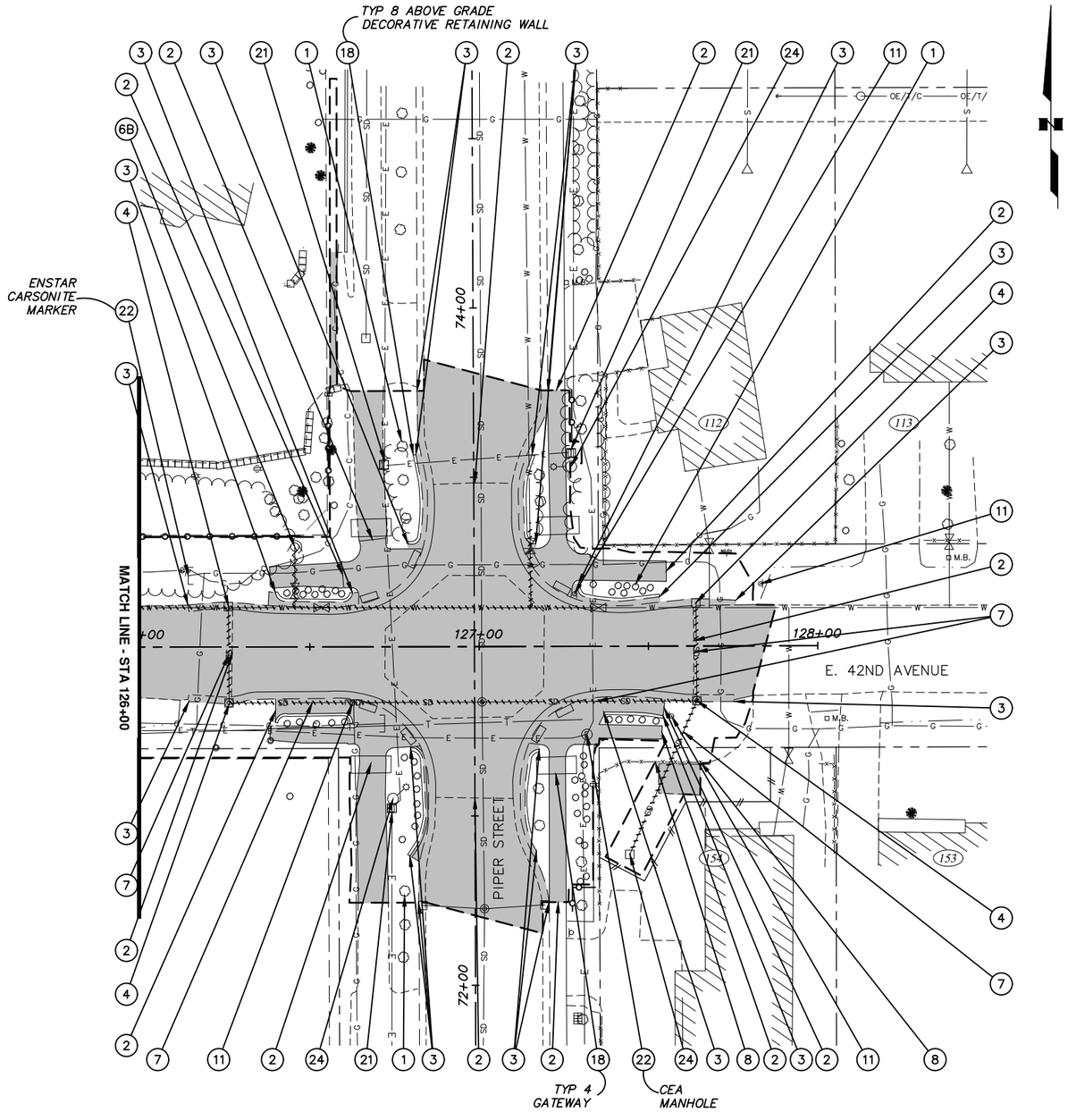

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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
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QUANTITIES	RB	JK
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PLAN CHECK

GRAPHIC 40 20 0 20 40 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION PLAN

E. 42ND AVENUE
STA 126+00 TO EOP

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B6 of B12

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Plan_Phase 1.dwg

20.07

REMOVE SIDEWALK OR CONCRETE APRON ②

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	AREA (SY)	REMARKS
B2	99+93.4	31.5 LT	100+24.3	36.6 LT	13	LAKE OTIS PKWY CURB RAMP
B2	N: 327651.4; E: 356632.7		100+35.8	35.8 RT	58	RAISED CONCRETE MEDIAN
B2	100+89.9	50.2 LT	100+92.9	34.5 LT	13	LAKE OTIS PKWY CURB RAMP
B2	100+91.4	52.0 RT	101+07.0	23.1 RT	37	LAKE OTIS PKWY CURB RAMP
B2	104+08.2	30.1 RT	104+13.0	30.1 RT	2	PARCEL 169 SIDEWALK
B2	12+37.7	20.1 LT	12+73.0	20.0 LT	16	LAUREL STREET SIDEWALK
B2	12+39.0	19.9 RT	12+73.0	20.0 RT	15	LAUREL STREET SIDEWALK
B4	115+13.1	40.6 LT	115+27.3	39.8 LT	5	FOLKER PARK BENCH PAD
B4	120+72.2	29.0 RT	120+76.1	28.5 RT	3	PARCEL 157 SIDEWALK
B4	121+08.4	27.9 RT	121+11.8	27.9 RT	3	PARCEL 157 SIDEWALK
B6	126+27.0	CL	127+63.4	CL	419	42ND AV/PIPER ST ROADWAY
B6	126+39.8	17.3 RT	72+65.7	30.1 LT	40	42ND AVE/PIPER ST SIDEWALK
B6	126+59.7	21.3 LT	73+31.7	30.0 LT	38	42ND AVE/PIPER ST SIDEWALK
B6	72+24.5	24.5 RT	127+54.6	18.2 RT	71	PIPER ST/42ND AVE SIDEWALK
B6	73+75.6	24.5 RT	127+55.3	22.1 LT	68	PIPER ST/42ND AVE SIDEWALK

20.08

REMOVE CURB AND GUTTER ③

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	LENGTH (FT)	REMARKS
B2	99+80.3	19.7 LT	100+07.1	75.4 LT	71	LAKE OTIS PARKWAY
B2	N: 327651.4; E: 356632.7		100+35.8	35.3 RT	140	RAISED MEDIAN
B2	100+85.4	50.2 LT	101+25.2	21.8 LT	57	LAKE OTIS PARKWAY
B2	100+86.7	52.0 RT	101+25.0	16.2 RT	62	LAKE OTIS PARKWAY
B2	104+05.8	34.6 LT	104+28.3	21.7 LT	28	PARCEL 102 DRIVEWAY
B2	105+24.0	21.6 LT	105+41.5	34.9 LT	31	PARCEL 102 DRIVEWAY
B2	12+37.6	18.0 LT	12+73.0	18.1 LT	36	LAUREL STREET
B2	12+38.9	18.0 RT	12+73.0	17.9 RT	35	LAUREL STREET
B3	33+71.9	38.5 LT	33+81.1	31.2 LT	14	PARCEL 104 DRIVEWAY
B3	34+06.2	33.7 LT	34+11.1	38.0 LT	8	PARCEL 104 DRIVEWAY
B3	114+57.1	21.6 RT	114+57.5	30.0 RT	9	PARCEL 161 DRIVEWAY
B3	114+79.5	30.0 RT	114+79.7	20.8 RT	10	PARCEL 161 DRIVEWAY
B4	115+35.7	21.4 RT	115+39.6	38.5 RT	18	PARCEL 161 DRIVEWAY
B4	115+62.4	22.9 RT	115+64.7	38.5 RT	16	PARCEL 161 DRIVEWAY
B4	116+32.4	21.4 RT	116+32.6	35.8 RT	15	PARCEL 161 DRIVEWAY
B4	116+53.3	22.4 RT	116+53.5	35.8 RT	14	PARCEL 161 DRIVEWAY
B6	126+14.2	12.4 LT	73+75.6	16.6 LT	124	42ND AVENUE/PIPER STREET
B6	126+14.2	16.1 RT	72+24.5	16.7 LT	121	42ND AVENUE/PIPER STREET
B6	126+39.8	16.1 LT	126+62.6	16.0 LT	26	42ND AVENUE
B6	72+24.5	21.8 RT	127+75.2	16.4 RT	115	PIPER STREET/42ND AVENUE
B6	72+38.3	19.3 LT	72+70.2	18.9 LT	36	PIPER STREET
B6	72+39.6	18.1 RT	72+69.6	19.0 RT	33	PIPER STREET
B6	73+30.3	18.2 RT	73+56.6	17.3 RT	29	PIPER STREET
B6	73+30.5	19.5 LT	73+56.8	17.0 LT	30	PIPER STREET
B6	73+75.6	22.0 RT	127+75.9	13.5 LT	119	PIPER STREET/42ND AVENUE
B6	127+29.3	18.3 LT	127+53.3	14.6 LT	27	42ND AVENUE

20.09

REMOVE PAVEMENT

SHEET	STATION TO STATION	OFFSET	AREA (SY)	REMARKS
B1	300+93 TO 301+11	RT	49	42ND AVENUE/42ND AVE DITCH CL
B1	301+82 TO 302+07	LT & RT	60	DRIVEWAY/42ND AVE DITCH CL
B1	304+73 TO 304+99	LT & RT	62	DRIVEWAY/42ND AVE DITCH CL
B2	99+58 TO 108+00	LT & RT	6,538	42ND AVENUE, LAKE OTIS PARKWAY, LAUREL STREET, DRIVEWAYS, LAKE OTIS PATHWAY
B3	108+00 TO 115+00	LT & RT	4,031	42ND AVENUE, HICKORY PLACE, FOLKER STREET, FOLKER PARK PATHWAY, DRIVEWAYS
B4	115+00 TO 121+50	LT & RT	2,966	42ND AVENUE, FOLKER PARK PATHWAY, ROSON COURT, BRANTLEY PLACE, WRIGHT STREET, DRIVEWAYS
B5	121+50 TO 126+00	LT & RT	1,572	42ND AVENUE, PARKER PLACE, DRIVEWAY
B6	126+00 TO EOP	LT & RT	678	42ND AVENUE, PIPER STREET, PIPER STREET PATHWAYS, DRIVEWAY

NOTES:
1. SEE ROADWAY IMPROVEMENT SHEETS FOR ROADWAY PAVEMENT REMOVAL LIMITS.
2. SEE DRIVEWAY RECONSTRUCTION TABLE FOR DRIVEWAY PAVEMENT REMOVAL LIMITS.

55.11

REMOVE MANHOLE OR CATCH BASIN ④

SHEET	APPX STATION	APPX OFFSET (FT)	CATCH BASIN	MANHOLE	REMARKS
B2	100+19.0	19.2 LT		X	
B2	102+21.4	22.5 RT	X		
B2	102+23.0	21.8 LT		X	
B2	103+83.4	21.7 LT		X	
B2	104+82.9	21.8 LT		X	
B2	105+48.4	67.7 LT	X		
B2	107+07.9	21.5 LT		X	
B2	107+27.0	37.2 LT	X		
B2	107+35.8	28.8 RT	X		
B3	108+97.9	25.2 LT		X	
B3	113+28.7	19.3 RT	X		
B3	113+31.6	19.3 LT	X		
B3	113+68.5	0.6 LT		X	
B3	114+05.6	19.3 LT	X		
B4	119+90.5	17.9 RT	X		
B4	119+91.3	19.0 LT	X		
B4	120+31.3	38.3 LT		X	
B4	120+46.0	38.6 LT	X		
B6	126+26.0	12.0 LT	X		
B6	126+26.1	16.5 RT		X	
B6	127+64.0	12.8 LT	X		
B6	127+64.3	16.1 RT		X	

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B7 of B12

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

55.13

ABANDON CATCH BASIN LEAD ⑤

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	SIZE (INCH)	LENGTH (FT)	REMARKS
B2	104+90.1	26.8 LT	105+48.4	67.7 LT	12	71	

70.07

REMOVE PIPE ⑦

SHEET	APPX STA BEGIN	APPX OFFSET (FT)	APPX STA END	APPX OFFSET (FT)	SIZE (INCH)	LENGTH (FT)	REMARKS
B1	300+46.7	CL	300+92.9	CL	48	47	DRIVEWAY CULVERT/42ND AVE DITCH CL
B1	301+00.4	3.1 RT	301+07.9	44.4 RT	24	43	CROSSING CULVERT/42ND AVE DITCH CL
B1	301+74.9	0.7 LT	302+15.6	0.5 LT	36	41	DRIVEWAY CULVERT/42ND AVE DITCH CL
B1	304+66.6	1.1 RT	305+06.2	1.7 RT	36	40	DRIVEWAY CULVERT/42ND AVE DITCH CL
B2	99+72.3	23.0 LT	100+19.0	19.2 LT	36	34	STORM DRAIN
B2	100+06.4	30.6 RT	100+19.0	19.2 LT	18	53	STORM DRAIN
B2	100+19.0	19.2 LT	N: 327668.0; E: 356616.6		29X18	51	STORM DRAIN PIPE–ARCH
B2	100+19.0	19.2 LT	102+22.9	21.9 LT	30	211	STORM DRAIN
B2	102+21.3	22.4 RT	102+22.9	21.9 LT	12	45	STORM DRAIN
B2	102+22.9	21.9 LT	103+83.4	21.7 LT	30	161	STORM DRAIN
B2	103+83.4	21.7 LT	103+83.4	39.9 LT	12	19	STORM DRAIN
B2	103+83.4	21.7 LT	104+82.9	21.7 LT	30	100	STORM DRAIN
B2	104+82.9	21.7 LT	104+90.1	26.7 LT	12	9	STORM DRAIN
B2	104+82.9	21.7 LT	107+07.9	21.5 LT	30	226	STORM DRAIN
B2	106+90.9	33.9 LT	107+07.9	21.5 LT	18	22	STORM DRAIN
B2	12+60.0	2.2 LT	107+07.9	21.5 LT	12	39	STORM DRAIN/LAUREL STREET/ 42ND AVENUE
B2	107+07.9	21.5 LT	11+59.7	2.8 RT	30	62	STORM DRAIN/LAUREL STREET/ 42ND AVENUE
B2	107+07.9	21.5 LT	107+27.0	37.2 LT	18	25	STORM DRAIN
B2	11+63.0	2.8 RT	11+70.3	30.1 RT	12	29	STORM DRAIN/LAUREL STREET
B3	108+52.0	23.1 LT	108+97.9	25.2 LT	12	46	STORM DRAIN
B3	20+25.1	16.3 RT	20+88.3	16.6 LT	12	71	STORM DRAIN/HICKORY PLACE
B3	113+28.6	19.3 RT	113+68.5	0.6 LT	10	45	STORM DRAIN
B3	113+31.6	19.3 LT	113+68.5	0.6 LT	10	42	STORM DRAIN
B3	33+28.2	26.2 LT	34+16.4	20.8 LT	18	89	DRIVWAY CULVERT/FOLKER STREET
B3	113+68.5	0.6 LT	32+39.1	0.6 RT	18	62	STORM DRAIN/42ND AVENUE/FOLKER STREET
B3	113+68.5	0.6 LT	114+05.6	19.4 LT	10	42	STORM DRAIN
B4	119+90.5	17.9 RT	120+31.3	38.3 LT	10	70	STORM DRAIN
B4	119+91.3	19.0 LT	120+31.3	38.3 LT	10	45	STORM DRAIN
B4	53+38.3	3.6 RT	53+60.1	3.6 RT	12	22	STORM DRAIN/WRIGHT STREET
B4	52+48.2	3.8 RT	53+38.3	3.6 RT	12	91	STORM DRAIN/WRIGHT STREET
B4	53+38.3	3.6 RT	53+38.6	18.3 RT	12	15	STORM DRAIN/WRIGHT STREET
B6	126+25.9	13.5 LT	126+26.1	15.0 RT	12	29	STORM DRAIN
B6	126+26.1	15.0 RT	127+00.7	14.8 RT	12	75	STORM DRAIN
B6	127+00.7	14.8 RT	127+64.3	16.1 RT	12	64	STORM DRAIN
B6	72+38.5	45.7 RT	127+64.3	16.1 RT	8	50	STORM DRAIN/PIPER STREET/42ND AVENUE
B6	127+64.3	16.1 RT	127+64.0	12.8 LT	12	29	STORM DRAIN

60.08

DECOMMISSION FIRE HYDRANT ASSEMBLY (SINGLE PUMPER) ⑥A ⑥B

SHEET	STATION	OFFSET (FT)	REMARKS
B2	106+67.2	32.5 LT	DECOMMISSION IN PLACE, SEE DETAIL 7 ON SHEET W9
B3	109+17.6	28.2 RT	DECOMMISSION BY REMOVAL
B3	113+27.5	20.6 LT	DECOMMISSION BY REMOVAL
B4	117+24.1	24.5 RT	DECOMMISSION IN PLACE, SEE DETAIL 7 ON SHEET W9
B4	119+84.7	21.0 LT	DECOMMISSION BY REMOVAL
B6	126+45.6	29.5 LT	DECOMMISSION IN PLACE, SEE DETAIL 7 ON SHEET W9

NOTE: NO MEASUREMENT SHALL BE MADE FOR DECOMMISSION IN PLACE OR BY REMOVAL OF FIRE HYDRANTS. THE WORK REQUIRED FOR THESE ITEMS SHALL BE INCIDENTAL TO OTHER SCHEDULE D PAY ITMES AND NO SEPARATE PAYMENT SHALL BE MADE.

60.08

DECOMMISSION PIPELINE IN PLACE (8" DIA)

SHEET	APPX STA BEGIN	APPX OFFSET (FT)	APPX STA END	APPX OFFSET (FT)	LENGTH (FT)	REMARKS
B2	100+81.0	13.8 LT	108+00.0	13.8 LT	720	42ND AVE
B3	108+00.0	13.8 LT	108+68.4	13.8 LT	69	42ND AVE

60.08

DECOMMISSION PIPELINE BY REMOVAL

SHEET	APPX STA BEGIN	APPX OFFSET (FT)	APPX STA END	APPX OFFSET (FT)	SIZE (IN)	LENGTH (FT)	REMARKS
B2	100+34.2	29.1 LT	100+81.0	13.8 LT	8	62	42ND AVE
B2	100+39.0	25.5 LT	100+81.0	13.8 LT	15	56	15" DIA STEEL WATER CASING PIPE
B2	107+18.7	36.7 LT	107+18.7	13.8 LT	8	23	LAUREL STREET
B3	108+68.4	13.8 LT	115+00.0	13.7 LT	8	632	42ND AVE
B3	108+80.6	13.8 LT	108+80.6	31.3 LT	6	18	HICKORY PLACE
B3	109+04.5	38.9 RT	109+06.7	13.8 LT	6	53	
B3	113+77.6	29.0 LT	113+77.7	13.6 LT	8	16	FOLKER STREET
B4	115+00.0	13.7 LT	121+50.0	13.8 LT	8	650	42ND AVE
B4	117+05.8	26.5 RT	117+05.8	13.7 LT	8	41	ROSON COURT
B4	120+40.4	28.8 LT	120+40.5	13.9 LT	6	15	WRIGHT STREET
B4	120+40.5	13.9 LT	120+40.9	36.3 RT	6	51	WRIGHT STREET
B5	121+50.0	13.8 LT	126+00.0	11.7 LT	8	450	42ND AVE
B6	126+00.0	11.7 LT	127+35.2	11.4 LT	8	136	42ND AVE
B6	127+15.3	11.5 LT	127+15.3	36.4 LT	16	25	PIPER STREET

NOTE: NO MEASUREMENT SHALL BE MADE FOR DECOMMISSION PIPELINE BY REMOVAL. THE WORK REQUIRED FOR DECOMMISSION PIPELINE BY REMOVAL SHALL BE INCIDENTAL TO OTHER SCHEDULE D PAY ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
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CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537 1
3/26/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B8 of B12

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

70.08

REMOVE AND RESET FENCE ⑧

SHEET	EXISTING LOCATION					PROPOSED LOCATION					REMARKS
	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	
B2	103+78.6	55.8 LT	103+79.0	34.8 LT	21.0	103+78.6	55.8 LT	103+79.0	34.8 LT	21.0	
B3	109+42.2	30.9 RT	109+40.1	35.0 RT	4.6	109+42.2	30.9 RT	109+42.2	35.5 RT	4.6	
B3	112+52.5	26.4 RT	113+31.1	31.5 RT	79.4	112+52.5	31.5 RT	113+36.3	31.5 RT	83.8	
B3	113+31.1	31.5 RT	31+53.5	28.9 LT	116.8	113+36.3	31.5 RT	31+53.5	31.6 LT	115.1	42ND AVENUE/FOLKER STREET
B3	31+11.5	30.5 LT	31+20.7	31.0 LT	9.2	31+11.1	31.6 LT	31+20.3	31.6 LT	9.2	FOLKER STREET
B3	31+20.5	33.4 LT	31+25.5	28.0 LT	7.4	31+20.5	33.4 LT	31+28.3	31.6 LT	8.0	FOLKER STREET
B3	31+25.5	28.0 LT	31+39.6	28.0 LT	14.1	31+28.3	31.6 LT	31+39.6	31.6 LT	11.4	FOLKER STREET
B4	118+57.1	50.2 LT	118+57.1	44.5 LT	5.7	118+57.1	50.2 LT	118+57.1	44.5 LT	5.7	
B4	118+57.1	44.5 LT	118+57.0	34.5 LT	10.0	118+57.1	44.5 LT	118+61.1	34.6 LT	10.8	
B4	118+57.0	31.5 LT	119+24.1	31.4 LT	67.1	118+61.1	34.6 LT	119+24.1	34.5 LT	63.0	
B4	119+58.9	30.7 LT	119+98.5	31.2 LT	39.6	119+58.9	34.5 LT	119+98.5	34.5 LT	39.6	
B5	122+25.9	62.0 RT	122+25.9	37.4 RT	24.6	122+25.9	62.0 RT	122+25.9	37.4 RT	24.6	
B5	122+25.9	37.4 RT	122+25.9	31.5 RT	5.9	122+25.9	37.4 RT	122+37.3	31.5 RT	12.8	
B5	122+25.9	29.1 RT	122+96.2	28.7 RT	70.3	122+37.3	31.5 RT	122+96.2	31.5 RT	58.9	
B5	123+16.0	34.4 LT	123+26.0	34.5 LT	10.0	123+16.0	34.4 LT	123+26.0	34.5 LT	10.0	
B5	123+38.0	34.7 LT	123+48.0	35.0 LT	10.0	123+38.0	34.7 LT	123+48.0	35.0 LT	10.0	
B6	127+51.3	34.2 RT	127+68.1	34.4 RT	16.8	127+51.3	34.2 RT	127+68.1	34.4 RT	16.8	

NOTES: 1. PROVIDE TEMPORARY FENCING PER SECTION 70.23 FOR ALL FENCES REMOVED OR AS DIRECTED BY THE ENGINEER.
2. STAKE RESET FENCE LAYOUT IN THE FIELD FOR ENGINEER TO REVIEW AND APPROVE PRIOR TO INSTALLATION. THIS WORK SHALL BE INCIDENTAL TO SECTION 70.08 PAY ITEM.

70.08

REMOVE FENCE ⑨

SHEET	EXISTING LOCATION					REMARKS
	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	
B3	112+52.5	26.4 RT	112+52.5	31.5 RT	5.1	
B4	118+57.0	31.5 LT	118+57.0	34.5 LT	3.0	
B4	119+98.5	31.2 LT	119+98.5	34.5 LT	3.3	
B5	122+25.9	29.1 RT	122+25.9	31.5 RT	2.4	
B5	122+96.2	28.7 RT	122+96.2	31.5 RT	2.8	
B5	123+57.0	31.4 RT	123+57.9	18.2 RT	14.5	

70.08

REMOVE AND RESET GATE ⑩

SHEET	EXISTING LOCATION					PROPOSED LOCATION					REMARKS
	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	
B3	31+39.6	28.1 LT	31+53.5	28.9 LT	13.9	31+39.6	31.6 LT	31+53.5	31.6 LT	13.9	
B4	119+24.1	31.4 LT	119+58.9	30.7 LT	34.8	119+24.1	34.5 LT	119+58.9	34.5 LT	34.8	
B5	123+26.0	34.5 LT	123+38.0	34.7 LT	12.0	123+26.0	34.5 LT	123+38.0	34.7 LT	12.0	

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____
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BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	
DESIGN	CRW BOOK No. 197, 198 & 201
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
3/26/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B9 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

70.11

REMOVE AND SALVAGE SIGN (11)

SHEET	APPX STATION	APPX OFFSET (FT)	SIGN TYPE	LEGEND	SIGN POST	REMARKS
B1	301+79	08.6 LT	R1-1	STOP	PERFORATED STEEL TUBE	
B1	304+68	08.4 LT	R1-1	STOP	PERFORATED STEEL TUBE	
B2	99+81	22.0 RT	D3-101	LAKE OTIS PKWY 4200	STREET LIGHT POLE	
			D3-101	E 42ND AVE 2200		
			D3-101	E 42ND AVE 2200		
			R3-2	NO LEFT TURN		
			R1-1	STOP		
B2	100+45	10.8 RT	W12-1	LEFT/RIGHT DOWN ARROWS	PERFORATED STEEL TUBE	
B2	100+50	04.7 LT	R6-1	ONE WAY	PERFORATED STEEL TUBE	
B2	100+56	17.5 RT	W12-1	LEFT/RIGHT DOWN ARROWS	PERFORATED STEEL TUBE	
B2	100+99	30.4 LT	D3-101	LAKE OTIS PKWY 4100	STREET LIGHT POLE	
			D3-100A	2300 E 42ND AV		
			R3-5R	RIGHT TURN ONLY		
			R1-1	STOP		
B2	102+17	29.3 RT	R2-1	SPEED LIMIT 25	PERFORATED STEEL TUBE	
B2	106+66	20.8 RT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B2	106+86	36.2 LT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B2	107+32	34.2 RT	D3-101	E42ND AV 2500	PERFORATED STEEL TUBE	
			D3-101	LAUREL ST 4200		
			R1-1	STOP		
			R1-3P	ALL WAY		
B2	107+44	19.5 LT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B3	108+65	29.5 LT	D3-101	E 42ND AV 2400	PERFORATED STEEL TUBE	
			D3-101	HICKORY PL 4100		
			R1-1	STOP		
B3	113+34	25.1 RT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B3	113+52	38.8 LT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B3	113+88	31.5 RT	D3-101	E 42ND AV 2700	PERFORATED STEEL TUBE	
			D3-101	FOLKER ST 4200		
			R1-1	STOP		
			R1-3P	ALL WAY		
B3	113+97	21.0 LT	R1-1	STOP	PERFORATED STEEL TUBE	
			R1-3P	ALL WAY		
B4	116+69	22.6 LT	SPECIAL	NO CAMPING	PERFORATED STEEL TUBE ON WOODEN BOLLARD	
B4	117+22	25.5 RT	D3-101	ROSON CT 4200	PERFORATED STEEL TUBE	
			D3-101	E 42ND AV 2800		
			W14-2AR	NO OUTLET		
			W14-2AL	NO OUTLET		
			OM2-1H	OBJECT MARKER		
			OM2-1H	OBJECT MARKER		

70.11

REMOVE AND SALVAGE SIGN (CONT.) (11)

SHEET	APPX STATION	APPX OFFSET (FT)	SIGN TYPE	LEGEND	SIGN POST	REMARKS
B4	118+31	32.1 LT	D3-101	E 42ND AV 4100	PERFORATED STEEL TUBE	
			D3-101	E 42ND AV 2800		
			W14-1AR	DEAD END		
			W14-1AL	DEAD END		
			R1-1	STOP		
B4	118+55	45.4 LT	R7P-101	NO PARKING ANY TIME	PERFORATED STEEL TUBE	
B4	120+06	32.9 LT	D3-101	E 42ND AV 2800	PERFORATED STEEL TUBE	
			D3-101	WRIGHT ST 4100		
			R1-1	STOP		
B4	120+52	26.3 RT	R1-1	STOP	PERFORATED STEEL TUBE	
B4	120+53	49.1 LT	W14-2	NO OUTLET	PERFORATED STEEL TUBE	
B5	121+98	41.7 RT	W14-1	DEAD END	PERFORATED STEEL TUBE	
B5	122+23	25.3 RT	D3-101	E 42ND AVE 2900	PERFORATED STEEL TUBE	
			D3-101	PARKER PL 4200		
			R1-1	STOP		
B5	125+57	18.1 LT	R2-1	SPEED LIMIT 25	PERFORATED STEEL TUBE	
B6	126+63	16.7 RT	R1-1	STOP	PERFORATED STEEL TUBE	
B6	127+28	15.5 LT	D3-101	PIPER ST 4100	PERFORATED STEEL TUBE	
			D3-101	E 42ND AVE 3100		
			R1-1	STOP		
B6	127+57	20.7 RT	R2-1	SPEED LIMIT 25	PERFORATED STEEL TUBE	
B6	127+83	18.4 LT	R7P-101	NO PARKING ANYTIME	PERFORATED STEEL TUBE	

NOTE: WORK TO REMOVE AND SALVAGE EXISTING SIGNS & POSTS SHALL BE INCIDENTAL TO SECTION 70.11 STANDARD SIGN PAY ITEM.

70.11

REMOVE AND RELOCATE SIGN (12)

SHEET	EXISTING LOCATION		PROPOSED LOCATION		SIGN TYPE	LEGEND	SIGN POST	REMARKS
	APPX STATION	APPX OFFSET (FT)	APPX STATION	APPX OFFSET (FT)				
B5	124+77.8	33.1 LT	124+77.8	33.1 LT	SPECIAL	PRIVATE PROPERTY NO TRESPASSING	WOODEN POST	
						CUSTOMER/TENANT PARKING ONLY		

70.13

REMOVE BOLLARD (13)

SHEET	STATION	OFFSET (FT)	REMARKS
B3	33+34.5	24.9 RT	FOLKER STREET
B3	33+39.3	22.9 RT	FOLKER STREET
B3	33+44.4	22.2 RT	FOLKER STREET
B3	113+96.4	29.9 LT	
B3	113+99.8	26.4 LT	
B3	114+03.9	23.6 LT	
B3	114+09.1	21.9 LT	
B4	115+42.0	21.8 LT	
B4	116+92.9	27.4 LT	

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN	CRW BOOK No. 197, 198 & 201
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537 1
3/26/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B10 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

75.12

TEMPORARY TREE PROTECTION FENCE

SHEET	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END SECTION	APPX END OFFSET (FT)	LENGTH (FT)	REMARKS
B1	N: 327646.8; E: 355880.6		N: 327654.5; E: 355882.4		8.0	
B1	N: 327654.5; E: 355882.4		300+80.3	27.5 LT	94.0	
B1	300+80.3	27.5 LT	300+83.8	10.3 LT	18.0	
B1	300+83.8	10.3 LT	301+78.3	17.8 LT	92.0	
B1	302+12.4	17.8 LT	304+66.3	18.1 LT	254.0	
B1/B2	305+05.1	18.3 LT	306+86.0	14.6 LT	181.0	
B2	103+02.8	31.1 RT	103+13.0	31.2 RT	10.0	
B2	103+13.0	31.2 RT	103+14.0	38.4 RT	7.0	
B2	103+77.3	41.9 RT	103+83.6	41.9 RT	6.0	
B2	103+83.6	41.9 RT	103+83.7	31.2 RT	11.0	
B2	103+83.7	31.2 RT	104+08.2	31.2 RT	25.0	
B2	104+13.0	31.2 RT	104+32.0	31.2 RT	19.0	
B2	104+70.1	31.2 RT	105+77.3	31.2 RT	107.0	
B2	107+56.5	31.2 RT	107+63.5	31.2 RT	7.0	
B3	108+30.9	31.2 RT	108+37.9	31.2 RT	7.0	
B3	21+00.0	12.0 RT	20+60.0	14.9 RT	40.0	HICKORY PLACE
B3	20+60.0	14.9 RT	20+51.3	18.3 RT	9.0	HICKORY PLACE
B3	20+51.3	18.3 RT	109+20.3	33.9 LT	26.0	HICKORY PLACE/42ND AVENUE
B3	109+20.3	33.9 LT	109+36.7	33.6 LT	16.0	
B3	109+36.7	33.6 LT	109+36.7	45.7 LT	12.0	
B3	109+69.4	45.7 LT	109+69.4	33.9 LT	12.0	
B3	109+69.4	33.9 LT	110+44.7	33.9 LT	75.0	
B3	110+44.7	33.9 LT	110+44.7	43.0 LT	9.0	
B3	110+53.5	42.4 LT	110+87.2	34.0 LT	35.0	
B3	110+87.2	34.0 LT	113+31.5	34.0 LT	244.0	
B3	113+31.5	34.0 LT	33+43.5	30.0 LT	12.0	42ND AVENUE/FOLKER STREET
B3	33+43.5	30.0 LT	33+78.5	30.0 LT	35.0	FOLKER STREET
B3	112+36.8	31.2 RT	112+50.2	31.2 RT	13.0	
B3	112+50.2	31.2 RT	112+50.2	39.6 RT	8.0	
B3	112+50.2	39.6 RT	112+69.2	39.7 RT	19.0	
B3	112+69.2	39.7 RT	112+69.2	33.8 RT	6.0	
B3	112+69.2	33.8 RT	112+86.2	33.8 RT	17.0	
B3	113+01.9	33.8 RT	113+29.4	32.8 RT	27.0	
B3	31+11.5	20.4 RT	31+18.5	20.4 RT	7.0	FOLKER STREET
B3	31+60.8	19.1 RT	31+67.8	19.2 RT	7.0	FOLKER STREET
B3	31+66.7	34.2 LT	31+85.1	34.1 LT	18.0	FOLKER STREET
B3	31+82.4	19.4 RT	31+89.4	19.5 RT	7.0	FOLKER STREET
B3	32+07.6	19.3 RT	32+14.6	19.3 RT	7.0	FOLKER STREET
B3	32+22.9	33.9 LT	32+60.7	35.1 LT	38.0	FOLKER STREET
B3	32+35.2	19.0 RT	32+42.2	18.7 RT	7.0	FOLKER STREET
B3	114+33.9	33.6 LT	114+43.5	36.2 LT	10.0	

75.12

TEMPORARY TREE PROTECTION FENCE (CONT.)

SHEET	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END SECTION	APPX END OFFSET (FT)	LENGTH (FT)	REMARKS
B4	115+82.2	39.7 LT	115+82.9	34.0 LT	6.0	
B4	115+82.9	34.0 LT	116+07.9	34.0 LT	25.0	
B4	116+07.9	34.0 LT	116+07.9	41.0 LT	7.0	
B4	116+07.9	41.0 LT	115+89.4	41.1 LT	19.0	
B4	115+89.4	41.1 LT	115+82.2	39.7 LT	7.0	
B4	116+68.3	43.6 LT	116+71.2	37.2 LT	7.0	
B4	116+71.2	37.2 LT	116+84.0	39.6 LT	13.0	
B4	116+84.0	39.6 LT	116+81.0	46.0 LT	7.0	
B4	116+81.0	46.0 LT	116+68.3	43.6 LT	13.0	
B4	41+48.2	12.6 RT	117+28.9	31.2 RT	22.0	ROSON COURT/42ND AVENUE
B4	117+28.9	31.2 RT	117+65.2	31.1 RT	36.0	
B4	117+65.2	31.1 RT	117+68.1	37.0 RT	7.0	
B4	117+29.8	34.2 LT	118+22.3	34.2 LT	93.0	
B4	118+22.3	34.2 LT	118+23.6	37.6 LT	4.0	
B4	118+60.3	41.8 LT	118+62.7	35.4 LT	7.0	
B4	118+62.7	35.4 LT	119+24.0	35.2 LT	61.0	
B4	118+65.2	31.2 RT	119+28.1	31.2 RT	63.0	
B4	119+60.9	31.0 RT	119+95.9	31.7 RT	35.0	
B4	119+95.9	31.7 RT	52+49.7	26.9 LT	20.0	42ND AVENUE/WRIGHT STREET
B5/B6	124+90.6	34.2 LT	126+47.2	32.7 LT	157.0	
B6	72+21.8	28.7 RT	72+28.8	28.7 RT	7.0	PIPER STREET
B6	72+28.8	28.7 RT	72+28.8	35.5 RT	7.0	PIPER STREET
B6	73+46.7	42.9 LT	73+68.4	42.9 LT	22.0	PIPER STREET
B6	73+60.7	29.0 RT	73+75.7	29.1 RT	15.0	PIPER STREET

70.14

REMOVE GUARDRAIL (14)

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	LENGTH (FT)	REMARKS
B3/B4	114+47.5	21.7 LT	115+26.2	21.9 LT	78.6	WOODEN
B4	115+47.0	21.8 LT	116+88.1	22.3 LT	141.1	WOODEN

70.15

REMOVE AND RESET GUARDRAIL (15)

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	LENGTH (FT)	REMARKS
B2	103+79.2	55.7 LT	103+79.8	35.9 LT	19.8	WOODEN
B4	116+97.2	32.4 LT	116+97.1	48.0 LT	15.6	WOODEN

70.17

RELOCATE CLUSTER MAILBOX (16)

SHEET	EXISTING LOCATION		NEW LOCATION		REMARKS
	APPX STATION	APPX OFFSET (FT)	APPX STATION	APPX OFFSET (FT)	
B4	116+55.5	32.9 RT	116+55.5	32.9 RT	PARCEL 161 EAST

NOTE: SEE SHEET D9 FOR MAILBOX INSTALLATION DETAILS.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-145371
3/26/24
REGISTERED PROFESSIONAL ENGINEER

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B11 of B12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

70.22

REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (18)

SHEET	APPX STATION	APPX OFFSET (FT)	OBSTRUCTION ITEM	QUANTITY	ACTION	REMARKS
B1	300+87.7	9.9 RT	METAL GATE POST	1 EA	DISPOSE OF	
B1	300+92.8	27.0 RT	CONCRETE JERSEY BARRIER	2 EA	RESET IN SAME APPROX LOCATION	
B1	98+30.1	21.1 LT	STORM DRAIN CHECK VALVE FITTING AND STORM DRAIN PIPE	1 EA	REMOVE AND REPLACE AS REQUIRED	
B2	99+65.8	21.9 LT	RETAINING WALL AND GRATE	15 LF	DISPOSE OF	
B2	100+16.9	6.3 LT	VERTICAL 30" CMP CASING & 4' CONCRETE REDUCING SLAB	1 EA	IF ENCOUNTERED DURING STORM DRAIN PIPE REMOVAL, REMOVE AND DISPOSE OF THE CONCRETE REDUCING SLAB AND PIPE AS REQUIRED	
B2	101+66.9	56.7 LT	PARKING BUMPER	2 EA	RESET IN SAME APPROX LOCATION	
B2	101+84.5	47.8 RT	ABOVE GRADE CONCRETE POSTS	27 LF	REMOVE AND REINSTALL	
B2	103+00.0	39.4 RT	DUMPSTER	1 EA	RESET IN SAME APPROX LOCATION	
B2	103+70.8	32.2 RT	CONCRETE GRADE RINGS	1 EA	PLACE ON PROPERTY	
B2	103+76.2	42.5 LT	PARKING BUMPER	6 EA	RESET IN SAME APPROX LOCATION	
B2	104+61.3	28.5 RT	LANDSCAPING ROCKS & EDGING	10 LF	PLACE ON PROPERTY	
B2	104+67.1	26.2 RT	WOODEN POST	1 EA	RESET ON PROPERTY	
B2	104+55.0	33.0 LT	LANDSCAPING ROCKS & EDGING	113 SF	RESET IN SAME APPROX LOCATION	
B2	105+33.0	29.0 LT	LANDSCAPING ROCKS & EDGING	170 SF	RESET IN SAME APPROX LOCATION	
B2	106+12.1	31.2 RT	RETAINING WALL (BLOCK)	23 LF	PLACE ON PROPERTY	
B2	106+24.0	33.0 LT	LANDSCAPING ROCKS & EDGING	690 SF	RESET IN SAME APPROX LOCATION	
B2	107+42.0	35.0 RT	LANDSCAPE EDGING	20 LF	RESET IN SAME APPROX LOCATION	
B3	111+38.2	20.6 RT	DUMPSTER	1 EA	PLACE ON PROPERTY	
B3	112+39.1	21.6 RT	DUMPSTER	1 EA	PLACE ON PROPERTY	
B3	113+45.0	26.0 LT	LANSCAPING ROCKS & EDGING	830 SF	RESET BEHIND PROPOSED SIDEWALK	
B3	33+73.5	25.0 RT	BANNER POLE	1 EA	SALVAGE AND RETURN TO MOA PARKS & RECREATION OR DISPOSE	FOLKER STREET
B4	115+20.4	42.3 LT	BENCH	1 EA	RESET IN NEW LOCATION	
B4	115+31.5	22.3 LT	BANNER POLE	1 EA	SALVAGE AND RETURN TO MOA PARKS & RECREATION OR DISPOSE	
B4	115+76.2	29.9 RT	LANDSCAPING EDGING & SIGN	27 LF	PLACE ON PROPERTY	
B4	116+90.6	31.5 RT	WOODEN WALKWAY	19 SF	PLACE ON PROPERTY	
B4	118+66.8	22.5 RT	DUMPSTER	1 EA	PLACE ON PROPERTY	
B5	121+59.5	22.5 LT	DUMPSTER	1 EA	PLACE ON PROPERTY	
B5	121+87.1	25.8 RT	DUMPSTER	1 EA	PLACE ON PROPERTY	
B5	124+48.0	29.4 LT	TIMBER EDGING	25 LF	RESET IN SAME APPROX LOCATION	
B5	124+76.8	30.0 LT	TIMBER EDGING	35 LF	RESET IN SAME APPROX LOCATION	
B6	126+51.0	14.1 LT	DECORATIVE RETAINING WALL	25 LF	DISPOSE OF	
B6	126+51.4	20.4 RT	DECORATIVE RETAINING WALL	25 LF	DISPOSE OF	
B6	126+68.3	34.9 RT	GATEWAY	1 EA	REMOVE AND RESET, INSTALL NEW GROUT AS NECESSARY. PROTECT EXISTING GATEWAY CONCRETE FOUNDATIONS IN PLACE.	SEE SPECIFICATIONS FOR MORE RECORD DRAWINGS
B6	126+82.5	35.9 LT	GATEWAY	1 EA		
B6	126+82.5	44.9 LT	DECORATIVE RETAINING WALL	30 LF	DISPOSE OF	
B6	126+83.1	41.8 RT	DECORATIVE RETAINING WALL	35 LF	DISPOSE OF	
B6	127+14.0	42.7 LT	DECORATIVE RETAINING WALL	29 LF	DISPOSE OF	
B6	127+14.1	42.8 RT	DECORATIVE RETAINING WALL	32 LF	DISPOSE OF	
B6	127+22.8	34.9 RT	GATEWAY & FOUNDATIONS	1 EA	REMOVE AND RESET GATEWAY ON RESET FOUNDATIONS OR NEW FOUNDATIONS AS REQUIRED, INSTALL NEW GROUT AS NECESSARY.	SEE SPECIFICATIONS FOR MORE RECORD DRAWINGS
B6	127+23.9	35.8 LT	GATEWAY & FOUNDATIONS	1 EA	REMOVE AND RESET GATEWAY ON RESET FOUNDATIONS OR NEW FOUNDATIONS AS REQUIRED, INSTALL NEW GROUT AS NECESSARY.	
B6	127+39.5	13.5 LT	DECORATIVE RETAINING WALL	27 LF	DISPOSE OF	
B6	127+45.8	19.8 RT	DECORATIVE RETAINING WALL	18 LF	DISPOSE OF	

70.17

RELOCATE MAILBOX (17)

SHEET	EXISTING LOCATION		NEW LOCATION		REMARKS
	APPX STATION	APPX OFFSET (FT)	APPX STATION	APPX OFFSET (FT)	
B4	118+41.5	20.6 RT	118+40.1	17.5 RT	6 MAILBOXES
B4	119+26.9	20.7 RT	119+21.7	17.5 RT	3 MAILBOXES
B4	53+50.6	20.8 LT	53+59.8	20.8 LT	WRIGHT STREET
B4	121+11.0	20.3 RT	121+05.4	15.0 RT	4 MAILBOXES
B5	122+95.6	18.8 RT	123+17.9	17.5 RT	
B5	123+39.0	22.4 LT	123+47.0	17.5 LT	

NOTE: SEE SHEET D8 FOR MAILBOX INSTALLATION DETAILS.

75.11

SALVAGE AND RELOCATE OR DISPOSE EXISTING BOULDER (19)

SHEET	APPX STATION	APPX OFFSET (FT)	REMARKS
B2	103+10.1	24.9 RT	
B2	103+33.2	27.3 RT	
B2	103+42.8	26.9 RT	
B2	103+70.0	27.1 RT	
B4	115+89.5	25.5 RT	
B4	120+56.6	24.1 RT	

NOTE: RELOCATED BOULDERS SHALL NOT BE PLACED IN ROW.

80.28

REMOVE LUMINAIRE (20)

SHEET	APPX STATION	APPX OFFSET (FT)	REMARKS
B2	107+33.18	35.2 LT	

80.28

REMOVE JUNCTION BOX (21)

SHEET	APPX STATION	APPX OFFSET (FT)	REMARKS
B2	107+30.9	34.7 LT	
B6	126+72.0	53.5 LT	
B6	126+74.1	47.7 RT	
B6	127+27.4	57.2 LT	

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA — 49 TH — Christopher T. Koenen — CE-14537 — 3/26/24 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

DEMOLITION SUMMARY TABLES

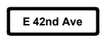
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET B12 of B12

File: J:\JobsDate\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Demolition Summary Tables_Phase 1.dwg

TRAFFIC CONTROL NOTES:

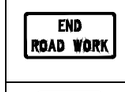
1. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS FOR APPROVAL TO THE MOA TRAFFIC DEPARTMENT AND THE ALASKA DEPARTMENT OF TRANSPORTATION. PROVIDE ENGINEER WITH APPROVED TRAFFIC CONTROL PLANS.
2. COMPLETE ALL WORK ACCORDING TO THE ALASKA TRAFFIC MANUAL, MASS, SPECIAL PROVISIONS, AND THE FINAL APPROVED TCP.
3. PROVIDE HIGH LEVEL WARNING DEVICES (FLAG TREE) ATOP ALL SIGNS.
4. PROVIDE TYPE 'A' FLASHING WARNING LIGHTS ON BARRICADES, LANE CLOSURES, AND TRAFFIC DETOUR SIGNS AT NIGHT.
5. PROVIDE PEDESTRIAN DETOUR SIGNING AND ROUTING IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL. KEEP ALL PEDESTRIAN ROUTES FREE OF DEBRIS DURING THE PROGRESS OF THE WORK. EXISTING PEDESTRIAN ACCESS ON LAKE OTIS PKWY SHALL BE MAINTAINED DURING CONSTRUCTION.
6. CLOSURE OF THE INTERSECTION OF LAKE OTIS PKWY AT E. 42ND AVE SHALL BE LIMITED TO ONE MAXIMUM 106 HOUR WEEKEND CLOSURE FROM 2000 THURSDAY NIGHT UNTIL 0600 TUESDAY MORNING. ADDITIONAL LANE CLOSURES ON LAKE OTIS PKWY WILL BE ALLOWED AS NEEDED.
7. PROVIDE SIX CHANGEABLE MESSAGE BOARDS FOR THE LAKE OTIS PKWY CLOSURE. THESE MESSAGE BOARDS SHALL BE PLACED ON LAKE OTIS PKWY NORTH OF THE CLOSURE FOR SOUTHBOUND TRAFFIC AND SOUTH OF CLOSURE FOR NORTHBOUND TRAFFIC. ADDITIONAL MESSAGE BOARDS WILL BE INSTALLED ON PROVIDENCE DRIVE EAST AND E. 36TH AVENUE WEST OF THE CLOSURE AND TUDOR ROAD EAST AND WEST OF THE CLOSURE. THE CHANGEABLE MESSAGE BOARDS SHALL BE PLACED A MINIMUM OF ONE WEEK PRIOR TO THE CLOSURE OF LAKE OTIS PKWY.
8. DETOUR ON PRIVATE PROPERTY SHALL BE IN ACCORDANCE WITH THE TEMPORARY CONSTRUCTION PERMIT FOR THE AFFECTED PROPERTY. COMPLY WITH ALL REQUIREMENTS OF THIS PERMIT.
9. THIS PLAN HAS BEEN DEVELOPED TO ENSURE CONSTRUCTABILITY. THE TRAFFIC CONTROL PLAN PROVIDED IN THESE DRAWINGS ARE FOR INFORMATION PURPOSES AND REPRESENT THE LATEST PLAN AT THE TIME OF THESE DRAWINGS. THIS RECOGNIZES THAT DIFFERENT CONTRACTORS WILL HAVE VARIOUS METHODS FOR CONTROLLING TRAFFIC AND SAFETY. CONTRACTOR MAY USE THESE PLANS FOR PREPARATION OF HIS OWN TRAFFIC CONTROL PLAN. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR TRAFFIC CONTROL.

CONSTRUCTION SIGN SCHEDULE

SIGN	SIGN NUMBER	LEGEND	WIDTH (in.)	HEIGHT (in.)
	M4-9L	DETOUR LEFT	30/36*	24/36*
	M4-9R	DETOUR RIGHT	30/48*	24/36*
	M4-103	DETOUR	30/36*	24/36*
	M4-10R/L	DETOUR ARROW	48	18
	M4-8a	END DETOUR	30	24
	R11-2	ROAD CLOSED	48	30
	R11-3	ROAD CLOSED AT 42ND AVE LOCAL TRAFFIC ONLY	60	30
	D3-1	LAKE OTIS PKWY	36	12
	D3-1	E 42ND AVE	36	12

*DENOTES SIGN SIZING ON FOR SIGNS ON THE NEW SEWARD HIGHWAY.

CONSTRUCTION SIGN SCHEDULE

SIGN	SIGN NUMBER	LEGEND	WIDTH (in.)	HEIGHT (in.)
	W1-6/L	ARROW LEFT	36	18
	W1-6/R	ARROW RIGHT	36	18
	W20-2	DETOUR AHEAD	36	36
	W20-3	ROAD CLOSED AHEAD	36	36
	W21-4F	ROAD WORK AHEAD	36	36
	W4-2L	LEFT LANE MUST MERGE RIGHT	36	36
	W20-5L	LEFT LANE CLOSED AHEAD	36	36
	W20-5R	RIGHT LANE CLOSED AHEAD	36	36
	G20-2	END ROAD WORK	36	18
	R3-2R	NO RIGHT TURN	36	36

LEGEND

- ACTIVE WORK ZONES
- TRAFFIC CHANNELIZATION DEVICE
- CONSTRUCTION SIGN
- TYPE II/III BARRICADE
- VEHICLE TRAVEL DIRECTION
- ARROW BOARD
- PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE

CALL BEFORE YOU DIG!!!

Alaska Digline, Inc. Statewide	811
Alaska Railroad	265-2520
Military Fuel Lines	552-3760
State Storm Drains	333-2411

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

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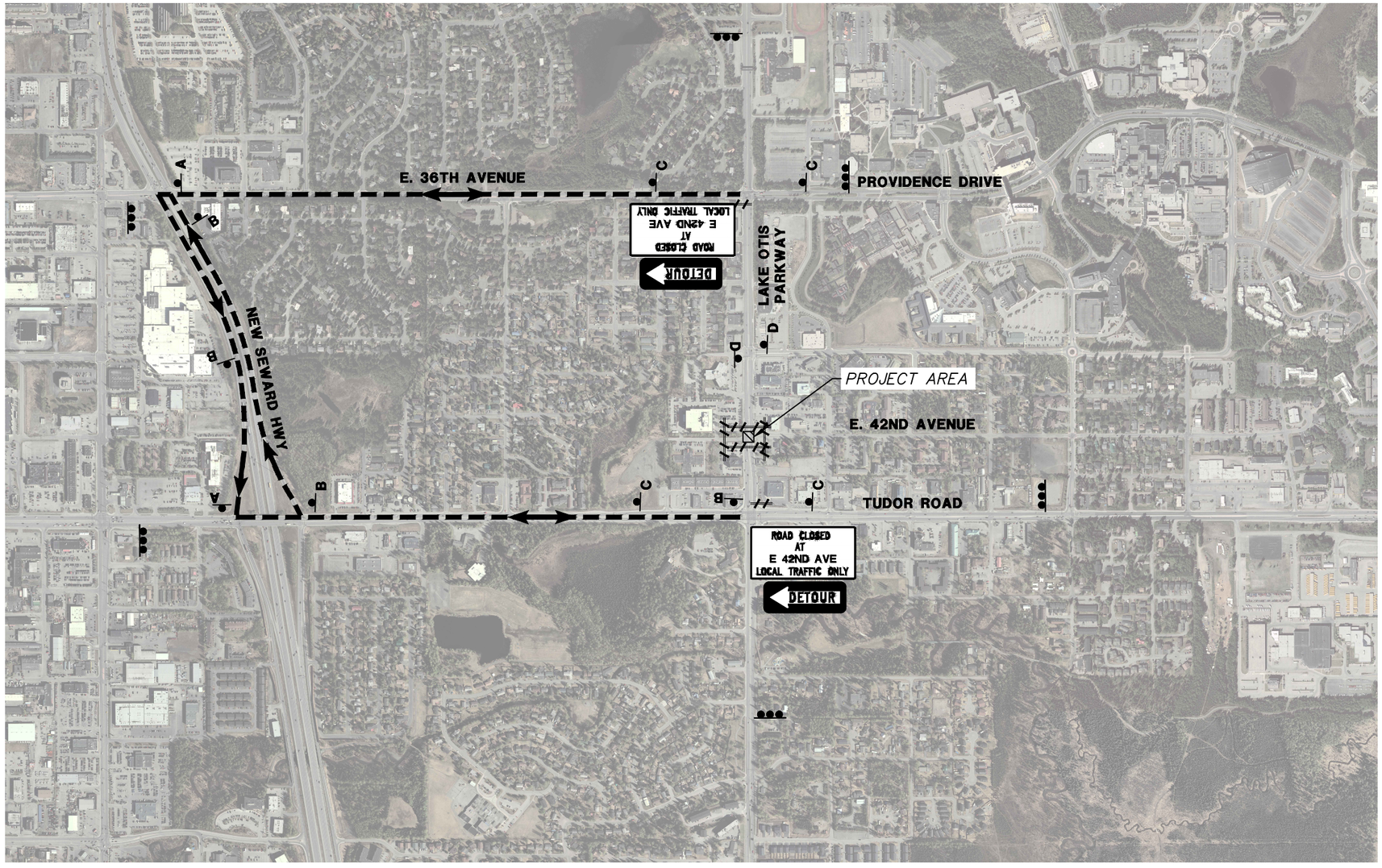
18-06 42ND AVENUE UPGRADE - PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

TRAFFIC CONTROL PLAN

GENERAL NOTES & LEGEND
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP1 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Notes - Legend_Phase 1.dwg



NOTES:

1. *SEE SHEET TCP1 FOR GENERAL NOTES AND SIGN SCHEDULE.*
2. *SEE SHEET TCP3, TCP4, AND TCP5 FOR ADDITIONAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS.*

SIGN LEGEND:

A Lake Otis Pkwy / DETOUR ←

B Lake Otis Pkwy / DETOUR →

C Lake Otis Pkwy / DETOUR ↑

D *SIDE STREET DETOUR SEE DETAIL TCP6*

LEGEND:

SHORT TERM ROAD CLOSURE

DETOUR ROUTE

TYPE III BARRICADE

CHANGEABLE MESSAGE BOARD

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
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   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR			
INSPECTOR			

VERTICAL DATUM: BASIS OF THIS DATUM GAAB 1972 ADJUST

REV	DATE	DESCRIPTION	BY

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

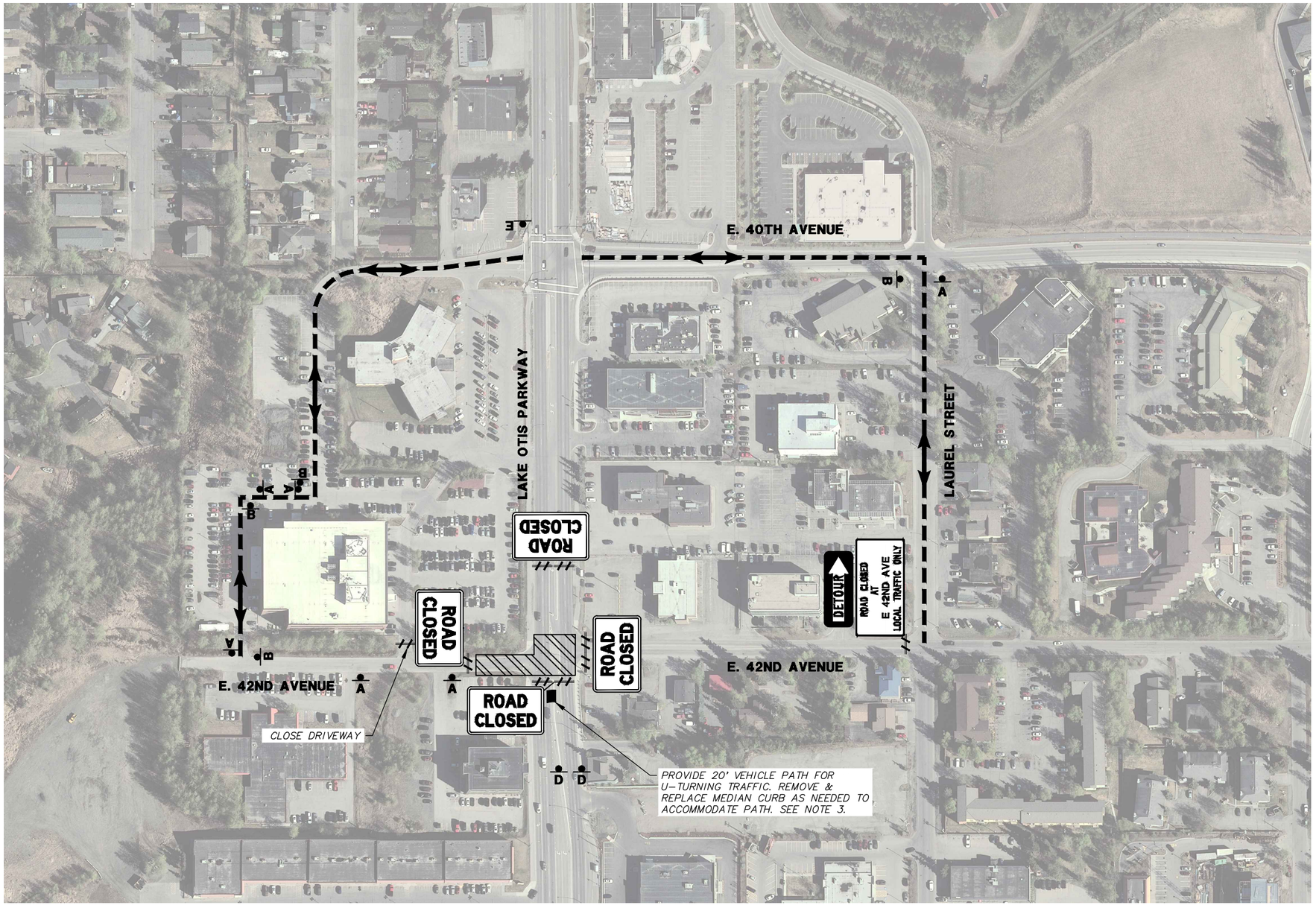
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

TRAFFIC CONTROL PLAN

LAKE OTIS PARKWAY OVERVIEW
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP2 of TCP7

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Lake Otis Closure_Phase 1.dwg



NOTES:

1. *SEE SHEET TCP1 FOR GENERAL NOTES AND SIGN SCHEDULE.*
2. *SEE SHEET TCP2, TCP4, AND TCP5 FOR ADDITIONAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS.*
3. *REMOVE EXISTING MEDIAN CURB AND MEDIAN CONCRETE AS NEEDED TO PROVIDE A SMOOTH VEHICLE PATH FOR TURNING TRAFFIC (MIN. 20' WIDTH.) PROVIDE A SMOOTH TRANSITION FOR TURNING TRAFFIC. TEMPORARY SURFACE SHALL CONSIST OF A MINIMUM OF 2-INCHES LEVELING COURSE AND 2-INCHES TEMPORARY ASPHALT. RESTORE EXISTING MEDIAN TO PRECONSTRUCTION CONDITIONS INCLUDING CURB AND GUTTER, MEDIAN CONCRETE AND ASPHALT FOLLOWING REMOVAL OF THE CLOSURE.*
4. *SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR ROUTING TRAFFIC ACROSS PARCEL 100 FROM E. 42ND AVENUE TO E. 40TH AVENUE.*
5. *SPECIAL BUSINESS SIGN SHALL IDENTIFY ALL BUSINESSES THAT WILL REQUIRE ACCESS FROM E. 40TH AVENUE (WEST OF LAKE OTIS PARKWAY. COORDINATE WITH AFFECTED BUSINESSES FOR SIGN LEGEND. PROVIDE A MINIMUM OF 48 HOURS NOTICE TO AFFECTED BUSINESSES PRIOR TO CLOSURE.*

SIGN LEGEND:

A E. 42nd Avenue / DETOUR (←)

B E. 42nd Avenue / DETOUR (→)

C E. 42nd Avenue / DETOUR (↑)

D *R3-6U "U TURN ONLY" SIZE: 36" X 30"*

E *SPECIAL BUSINESS ACCESS SIGN*

LEGEND:

SHORT TERM ROAD CLOSURE

DETOUR ROUTE

TYPE III BARRICADE

CHANGEABLE MESSAGE BOARD

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REV	DATE	DESCRIPTION	BY

REVISIONS

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Rebecca L. Campbell
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

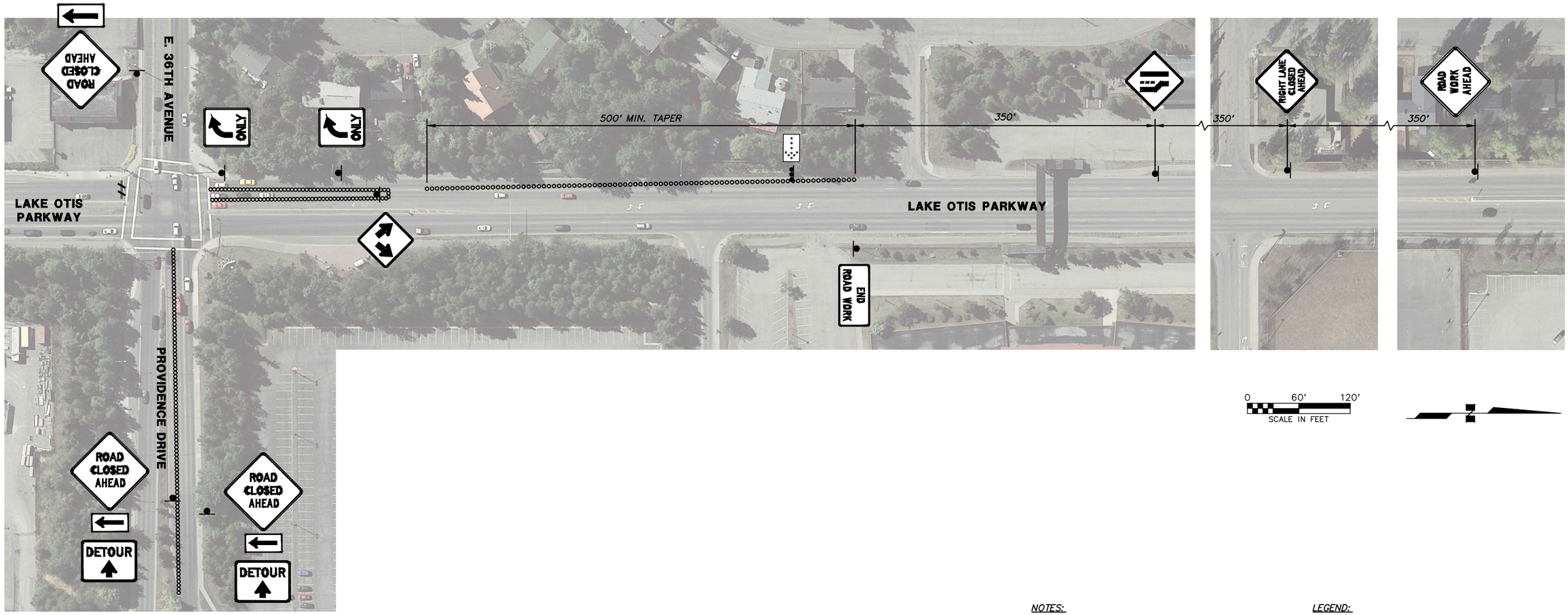
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

TRAFFIC CONTROL PLAN

42ND AVENUE OVERVIEW
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP3 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP 42nd Ave Closure_Phase 1.dwg



NOTES:

1. *SEE SHEET TCP1 FOR GENERAL NOTES.*
2. *SEE SHEET TCP2 FOR ADDITIONAL SIGNING/TRAFFIC CONTROL DEVICES.*

LEGEND:

CHANNELIZATION DEVICE ○
CONSTRUCTION SIGN ⊸
ARROW BOARD ⬚
TYPE III BARRICADE //

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198 & 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET ALL

TRAFFIC CONTROL PLAN

SB LAKE OTIS PARKWAY
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP4 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Providence_Tudor Closure_Phase 1.dwg

0 100' 200'
SCALE IN FEET

NOTES:

1. SEE SHEET TCP1 FOR GENERAL NOTES.
2. SEE SHEET TCP2 FOR ADDITIONAL SIGNING AND TRAFFIC CONTROL DEVICES.

LEGEND:

CHANNELIZATION DEVICE
CONSTRUCTION SIGN
ARROW BOARD
TYPE III BARRICADE

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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STATE OF ALASKA 49 TH
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

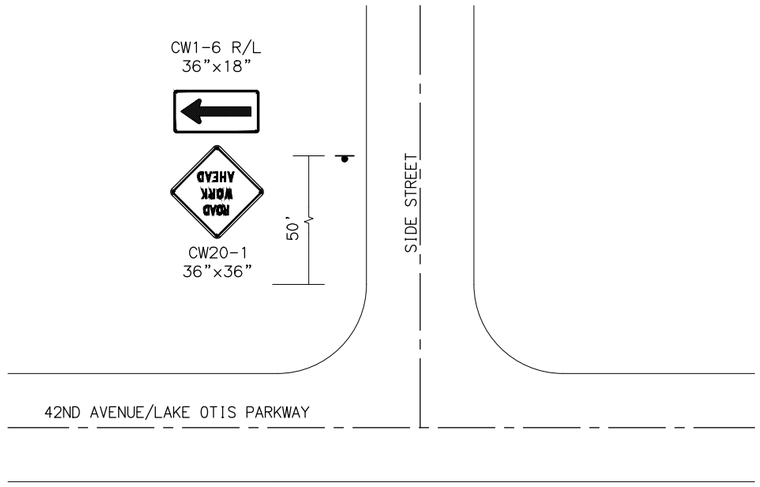
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

TRAFFIC CONTROL PLAN

NB LAKE OTIS PARKWAY
LAKE OTIS PARKWAY &
E. 42ND AVENUE

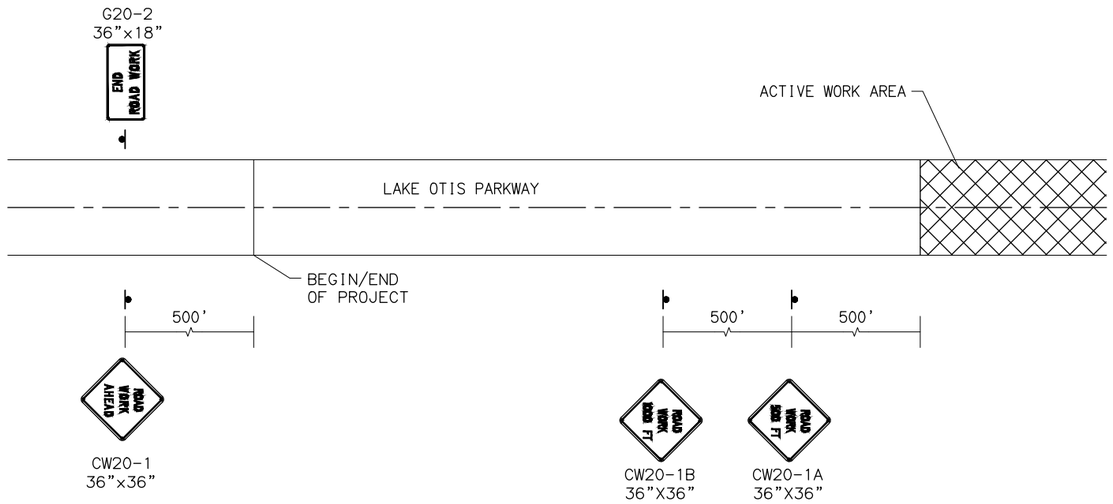
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP5 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Providence_Tudor Closure_Phase 1.dwg



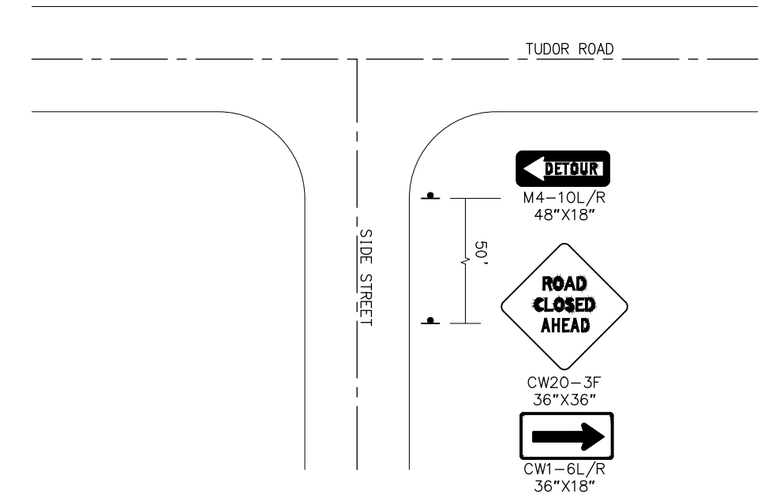
A PERMANENT CONSTRUCTION SIGNING

SCALE: NTS



B PERMANENT CONSTRUCTION SIGNING

SCALE: NTS



C SIDE STREET CONSTRUCTION SIGNING DURING ROAD CLOSURES

SCALE: NTS

RECORD DRAWING

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PLAN CHECK

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198 & 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

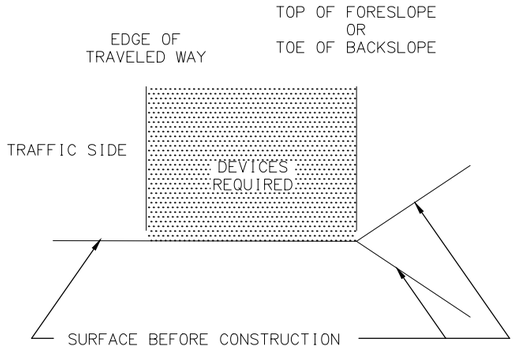
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL DETAILS
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP6 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Road Details_Phase 1.dwg



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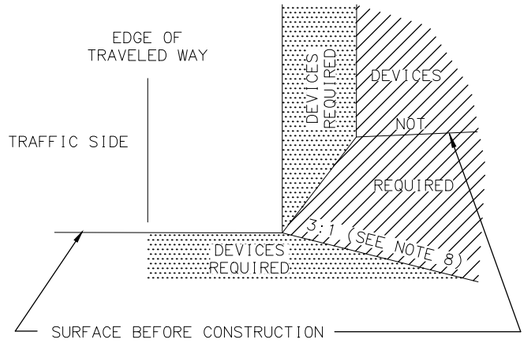
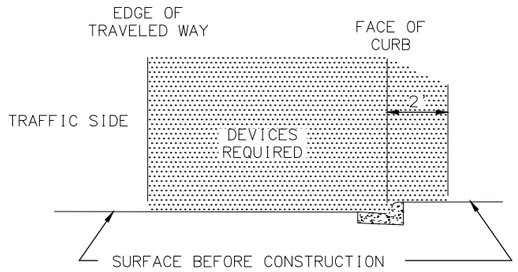
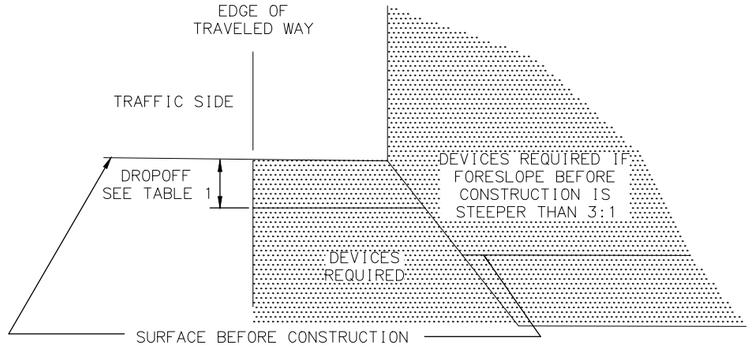


BACKSLOPE SECTION



CURB AND GUTTER SECTION



FORESLOPE SECTION

LEGEND

- *WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE REQUIRED*
- *WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE NOT REQUIRED*
- *SURFACE BEFORE CONSTRUCTION*
- *CONSTRUCTION AREA BOUNDARY*

TABLE 1
*TRAFFIC CONTROL DEVICES REQUIRED FOR VERTICAL DROPOFFS ≤ 4 FEET FROM TRAVELED WAY**

ROADWAY TYPE	DROPOFF ≤ 2"	2"< DROPOFF ≤ 12"	DROPOFF ≥ 12"
AVERAGE DAILY TRAFFIC > 4000 OR SPEED > 40 MPH	TAPER ASPHALT AT 1:1 OR 45° ~	TYPE II BARRICADES OR DRUMS	TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL
ALL OTHER ROADWAYS	NONE REQUIRED	TUBULAR CANDLES OR DELINEATORS	TYPE II BARRICADES OR DRUMS

* SPACE THE DEVICES IN ACCORDANCE WITH REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.

TRAFFIC CONTROL DEVICES NOTES:

1. TRAFFIC CONTROL DEVICES REQUIRED BY THE GUIDELINES ON THIS SHEET ARE INTENDED FOR CONDITIONS WHICH WILL BE IN PLACE LONGER THAN ONE CONTINUOUS WORK SHIFT. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING WORK.
2. THE GROUND CROSS SECTION AT A LOCATION BEFORE CONSTRUCTION DETERMINES WHETHER TRAFFIC CONTROL DEVICES ARE NEEDED AT THE SAME LOCATION DURING CONSTRUCTION.
3. GUARDRAIL EXISTING AT A LOCATION BEFORE CONSTRUCTION SHALL REMAIN IN PLACE DURING CONSTRUCTION OR APPROVED ALTERNATE DEVICES INSTALLED.
4. INSTALL TRAFFIC CONTROL DEVICES BETWEEN THE EDGE OF TRAVELED WAY AND THE WORK AREA ON ANY ROADWAY OPENED TO TRAFFIC WHEN REQUIRED BY THIS DRAWING.
5. EXISTING ROADWAY ALIGNMENTS INSTALL TRAFFIC CONTROL DEVICES WHEN WORK OCCURS IN THE DEVICES REQUIRED AREAS SHOWN ON THIS DRAWING.
6. DETOURS, TEMPORARY ROADWAYS, OR NEW ROADWAYS NOT YET COMPLETE:
   INSTALL TRAFFIC CONTROL DEVICES WHEN ANY OF THE FOLLOWING CONDITIONS EXIST:
   - A. THE HORIZONTAL OR VERTICAL CURVATURE IS MORE SEVERE THAN BEFORE CONSTRUCTION BEGAN.
   - B. THE ROADWAY OR SHOULDER WIDTH IS LESS THAN BEFORE CONSTRUCTION BEGAN.
   - C. THE BACKSLOPE OR FORESLOPE IS STEEPER THAN BEFORE CONSTRUCTION BEGAN.
   - D. THE HEIGHT OF THE FORESLOPE IS GREATER THAN BEFORE CONSTRUCTION BEGAN.
7. DROPOFFS:
   INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL AND TABLE 1.
8. ON ANY NEWLY CONSTRUCTED SLOPE STEEPER THAN 4:1 TO 3:1 PROVIDE A TEN FOOT FLAT RECOVERY AREA AT THE TOE OF SLOPE OR INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL.
9. TRAFFIC CONTROL DEVICE REQUIREMENTS:
   A. ON ROADWAYS WITH A SPEED LIMIT GREATER THAN 40 MILES PER HOUR OR AVERAGE DAILY TRAFFIC VOLUME GREATER THAN 4000 VEHICLES PER DAY INSTALL TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL. ON MULTI-LANE ROADWAYS CLOSE THE LANE CLOSEST TO THE WORK AREA AND INSTALL DRUMS.

   TERMINATE RUNS OF TEMPORARY PORTABLE CONCRETE BARRIER USING ONE OF THE FOLLOWING THREE METHODS:

   I. TEMPORARY CRASH ATTENUATOR.
   II. RIGID TO SEMI-RIGID GUARDRAIL TRANSITION WITH SLOTTED RAIL TERMINAL OR OTHER APPROVED CRASHWORTHY END TREATMENT.
   III. FLARE THE ENDS OF THE TEMPORARY BARRIER AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE AND INSTALL A SLOPING END TREATMENT, PER STANDARD DRAWING G-46.10.

   TERMINATE RUNS OF TEMPORARY GUARDRAIL USING EITHER OF THE FOLLOWING TWO METHODS:

   I. SLOTTED RAIL TERMINAL OR OTHER APPROVED CRASHWORTHY END TREATMENT.
   II. FLARE THE ENDS OF THE TEMPORARY GUARDRAIL AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE.

   B. ON ALL OTHER ROADWAYS INSTALL TYPE II BARRICADES, DRUMS OR DELINEATORS WHEN DEVICES ARE REQUIRED. SPACE THE DEVICES IN ACCORDANCE WITH THE REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.
10. DO NOT CONSTRUCT VERTICAL DROPOFFS GREATER THAN 1.5" WITHIN THE TRAFFIC LANE OR ACTIVE WHEEL TRACK. PROVIDE 2' OF SHY DISTANCE FROM EDGE OF ALL TRAFFIC CONTROL DEVICES TO THE EDGE OF THE TRAVELED WAY.

RECORD DRAWING

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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
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PHONE: (907) 562-3252
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Rebecca L. Campbell
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

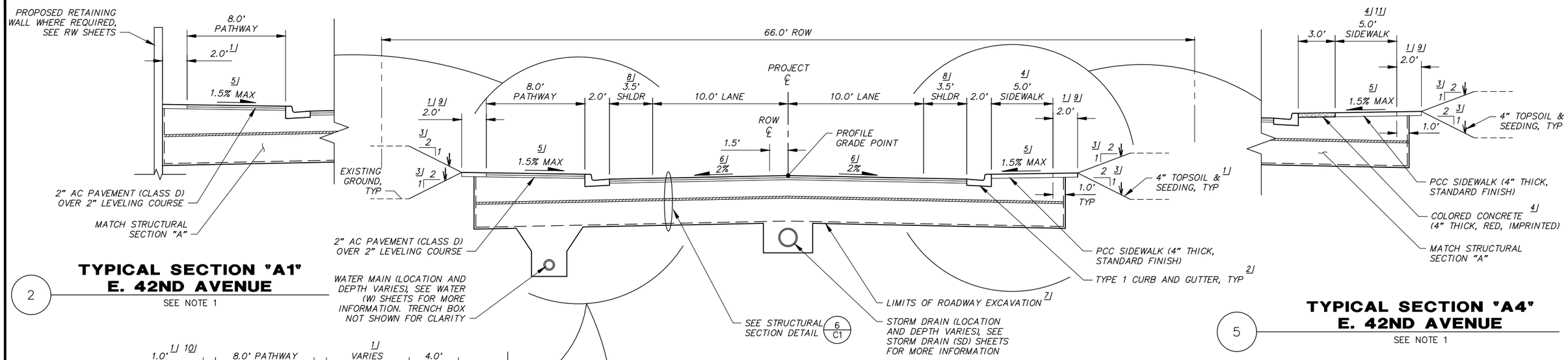
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — ALL
LAKE OTIS PARKWAY TO PIPER STREET

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL DEVICES
LAKE OTIS PARKWAY & E. 42ND AVENUE

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET TCP7 of TCP7

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 TCP Slope Protection_Phase 1.dwg



2 TYPICAL SECTION "A1" E. 42ND AVENUE

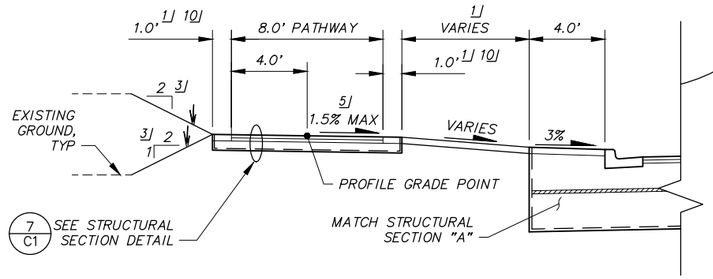
SEE NOTE 1

5 TYPICAL SECTION "A4" E. 42ND AVENUE

SEE NOTE 1

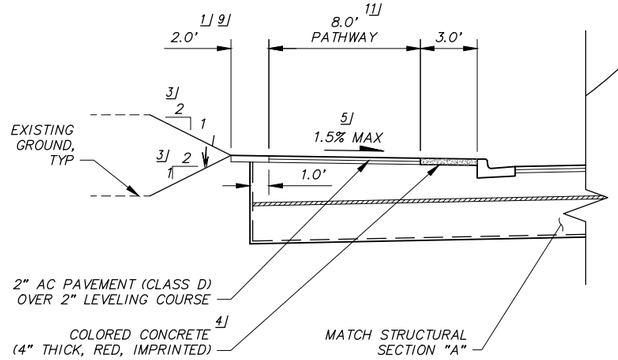
1 TYPICAL SECTION "A" - E. 42ND AVENUE

SEE NOTE 1



3 TYPICAL SECTION "A2" - E. 42ND AVENUE

SEE NOTE 1



4 TYPICAL SECTION "A3" - E. 42ND AVENUE

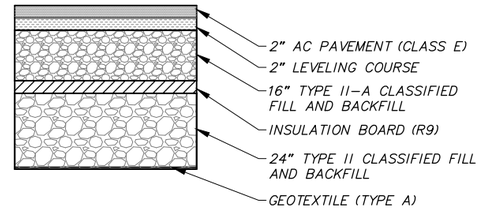
SEE NOTE 1

NOTES:

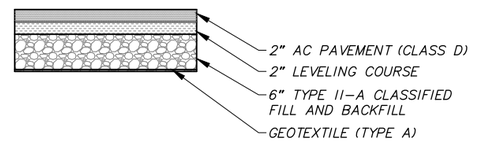
1. SEE SHEET C2 FOR TYPICAL SECTION SUMMARY TABLE. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 5, SHEET C6. INSTALL STEEL CURB FACING ON TYPE 1 CURB AND GUTTER TRANSITIONS PER ROADWAY SUMMARY TABLES (T) SHEETS.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT/FILL SLOPES ARE 2 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. SEE DETAIL 3, SHEET C6. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. INCREASE SIDEWALK/BUFFER THICKNESS TO 6" ACROSS ALL DRIVEWAYS & ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS..
5. THE MAXIMUM PATHWAY/SIDEWALK GRADE IS 2% AT DRIVEWAYS. PATHWAY/SIDEWALK GRADE SHALL BE 1% MINIMUM IN ALL CASES.
6. ROADWAY CROSS SLOPE SHALL BE 2% UNLESS OTHERWISE NOTED. INCREASE CROSS SLOPE TO 3% FROM STA 101+37 TO STA 104+75, SEE SHEET R13 AND R25 FOR CROSS-SLOPE TRANSITION LOCATIONS.
7. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
8. SHOULDER WIDTH VARIES FOR TRANSITIONS BETWEEN TYPICAL SECTIONS, SEE INTERSECTION LAYOUT SHEETS FOR CURB LAYOUT AND NECKDOWN TRANSITIONS.
9. CONSTRUCT SHOULDER PER DETAIL 5, SHEET C3 AT LUMINAIRE LOCATIONS UNLESS OTHERWISE NOTED.
10. OMIT 1.0' SHOULDER ON SEPARATED PATHWAY WHEN ADJACENT TO EXISTING TREES.
11. SIDEWALK/PATHWAY WIDTH VARIES AT TRANSITION TO/FROM BUFFER PER DETAIL 3 ON SHEET D6.



6 TYPICAL STRUCTURAL SECTION E. 42ND AVENUE



7 TYPICAL STRUCTURAL SECTION SEPARATED PATHWAY

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
AS-BUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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CONSULTANT

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

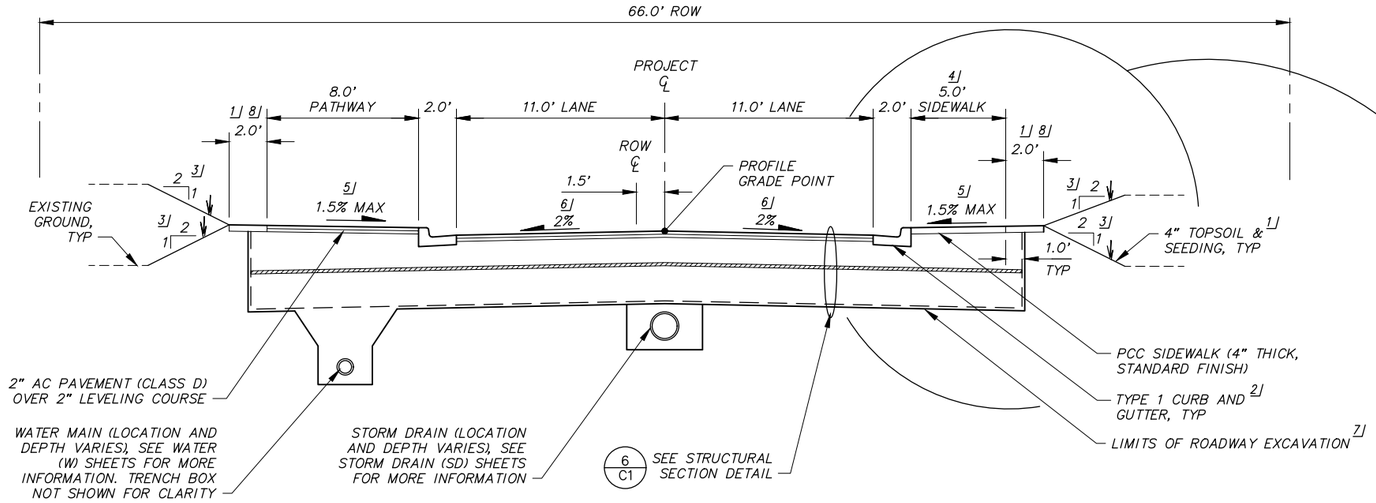
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

TYPICAL SECTIONS

E. 42ND AVENUE

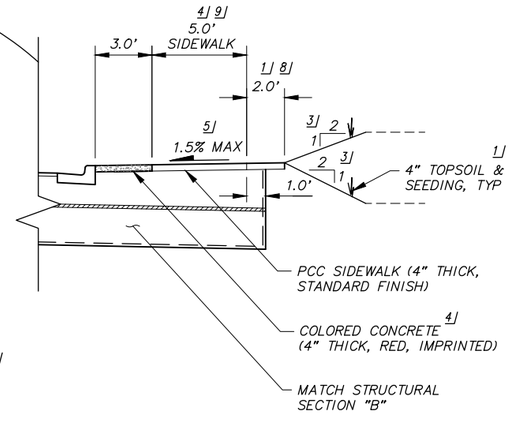
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C1 of C6

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Typical Sections_Phase 1.dwg



1 TYPICAL SECTION "B" - E. 42ND AVENUE NECKDOWN

SEE NOTE 1



3 TYPICAL SECTION "B1" E. 42ND AVENUE NECKDOWN

SEE NOTE 1

NOTES:

1. SEE TYPICAL SECTION SUMMARY TABLE, THIS SHEET. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 5, SHEET C6. INSTALL STEEL CURB FACING ON TYPE 1 CURB AND GUTTER TRANSITIONS PER ROADWAY SUMMARY TABLES (T) SHEETS.
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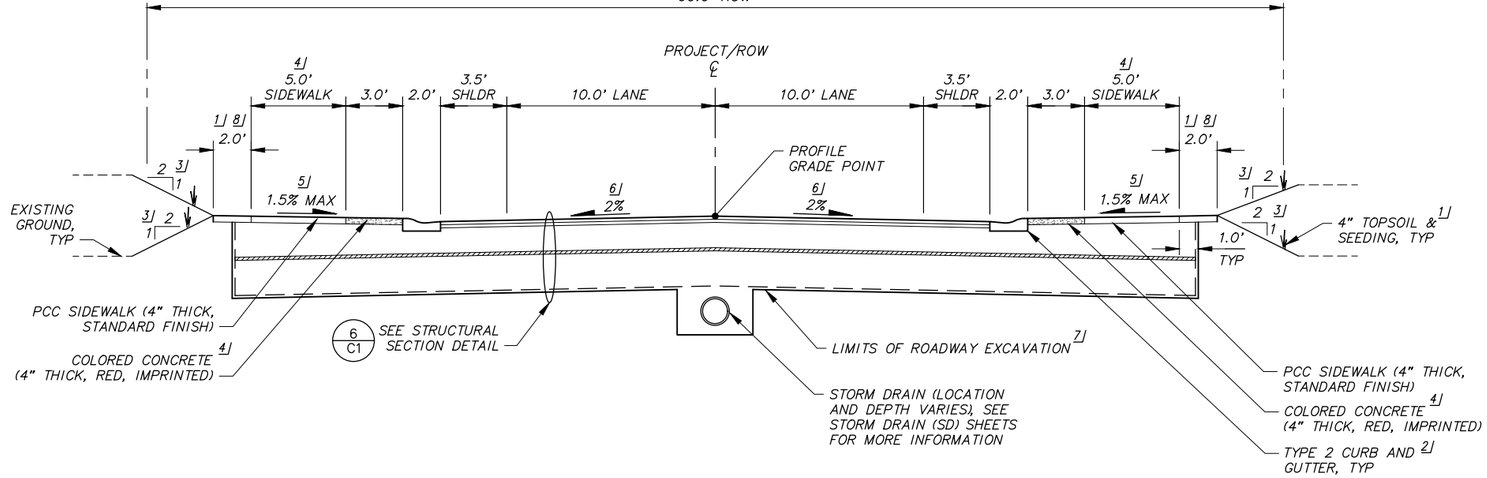
4. INCREASE SIDEWALK/BUFFER THICKNESS TO 6" ACROSS ALL DRIVEWAYS & ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS..
5. THE MAXIMUM PATHWAY/SIDEWALK GRADE IS 2% AT DRIVEWAYS. PATHWAY/SIDEWALK GRADE SHALL BE 1% MINIMUM IN ALL CASES.
6. ROADWAY CROSS SLOPE SHALL BE 2% UNLESS OTHERWISE NOTED. SEE INTERSECTION LAYOUT SHEETS FOR LOCATIONS.
7. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
8. CONSTRUCT SHOULDER PER DETAIL 5, SHEET C3 AT LUMINAIRE LOCATIONS UNLESS OTHERWISE NOTED.
9. SIDEWALK/PATHWAY WIDTH VARIES AT TRANSITION TO/FROM BUFFER PER DETAIL 3 ON SHEET D6.



2 TYPICAL SECTION "C" - E. 42ND AVENUE

SEE NOTE 1

TYPICAL SECTION TABLE – EAST 42ND AVENUE				
FROM STA	TO STA	TYPICAL SECTION LEFT	TYPICAL SECTION RIGHT	REMARKS
100+84	105+76	A	A	3% CROSS SLOPE FROM STA 101+37 TO 104+75. SEE DETAIL 1, SHEET R23 FOR PARCEL 101, 171 & 172 DRIVEWAYS
105+76	106+60	A	B	
106+60	107+58	B	B	
107+58	109+04	A	A	
109+04	110+80	A1	A	
110+80	114+07	A	A	
114+07	117+01	A2	A4	
117+01	119+82	A	A4	
119+82	120+68	B	B	
120+68	121+37	B	B1	
121+37	122+48	B	B	
122+48	122+93	A	A4	
122+93	123+71	A3	A4	
123+71	127+37	A	A4	
127+37	EOP	C	C	

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PLAN CHECK

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BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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STATE OF ALASKA 49 TH
Robert W. Burdick
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

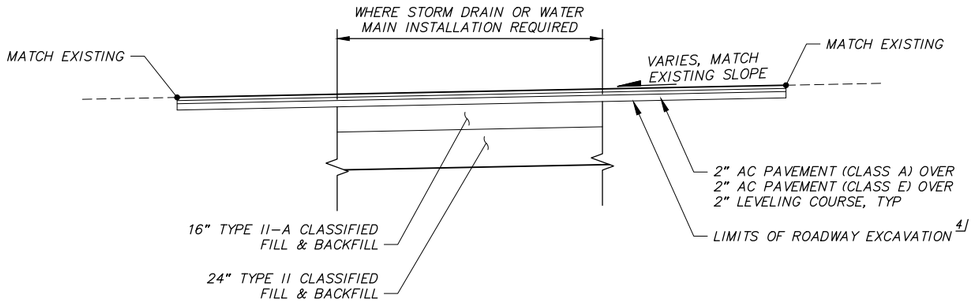
18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

TYPICAL SECTIONS

E. 42ND AVENUE

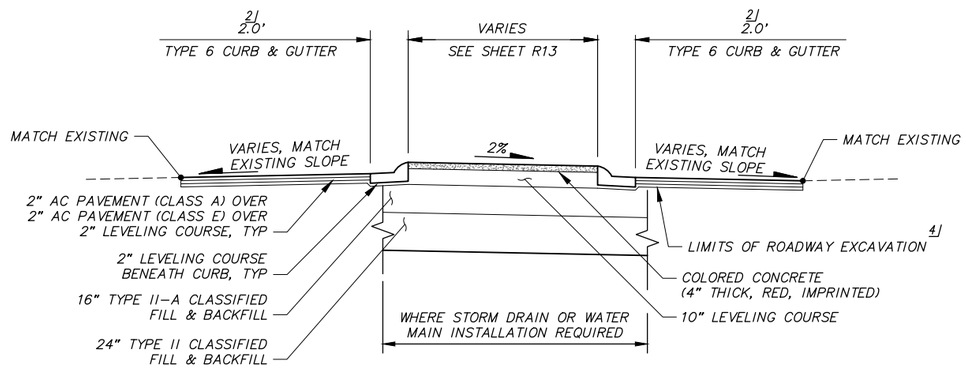
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C2 of C6

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Typical Sections_Phase 1.dwg



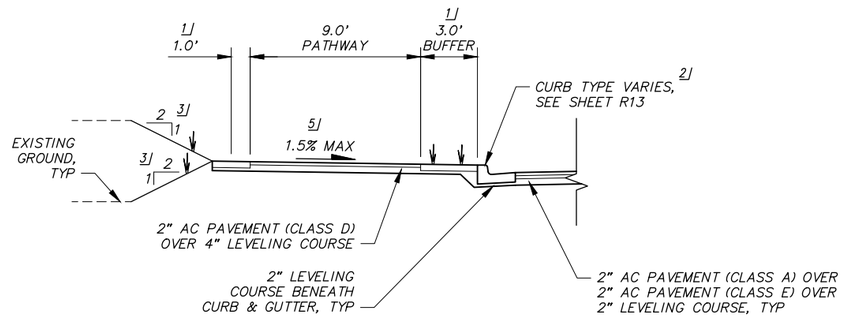
1 TYPICAL SECTION "D" - LAKE OTIS PARKWAY

STA 99+58 TO 100+42
STA 100+61 TO 100+84



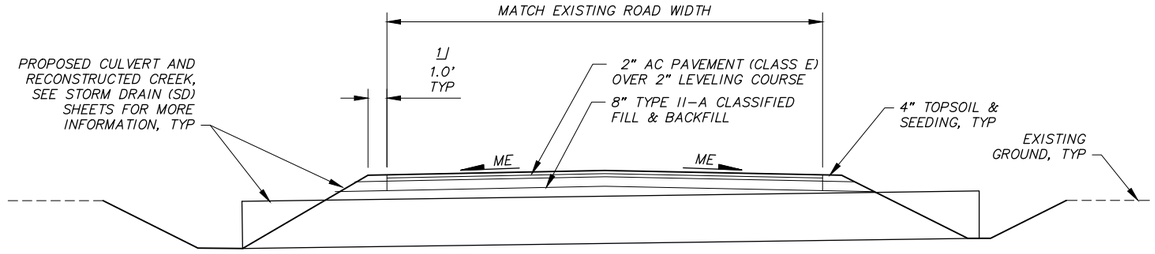
2 TYPICAL SECTION "E" - LAKE OTIS PARKWAY MEDIAN

STA 100+42 TO 100+61



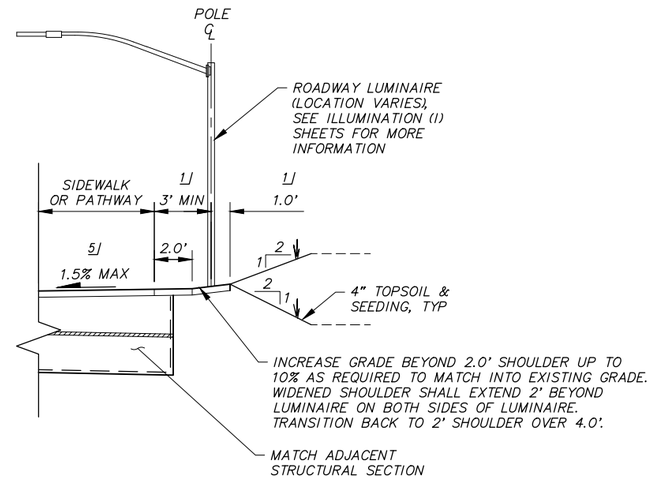
3 LAKE OTIS PARKWAY SIDEWALK REPLACEMENT

STA 100+00 LT – SEE SHEET R13



4 E. 42ND AVENUE CULVERT REPLACEMENT

STA 300+88 TO 301+06



5 TYPICAL SHOULDER SECTION AT LUMINAIRES

EXCLUDING LUMINAIRE L1 6/

NOTES:

1. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 5, SHEET C6. INSTALL STEEL CURB FACING ON TYPE 1 CURB AND GUTTER TRANSITIONS PER ROADWAY SUMMARY TABLES (T) SHEETS.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT/FILL SLOPES ARE 2 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. SEE DETAIL 3, SHEET C6. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
5. THE MAXIMUM PATHWAY/SIDEWALK GRADE IS 2% AT DRIVEWAYS. PATHWAY/SIDEWALK GRADE SHALL BE 1% MINIMUM IN ALL CASES.
6. LUMINAIRE L1 SHALL BE INSTALLED OUTSIDE OF PROPOSED PATHWAY SHOULDER BEYOND FILL SLOPE AS SHOWN ON SHEET I1.

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PROFILE	RB	JK
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WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
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PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
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STAKING			
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INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

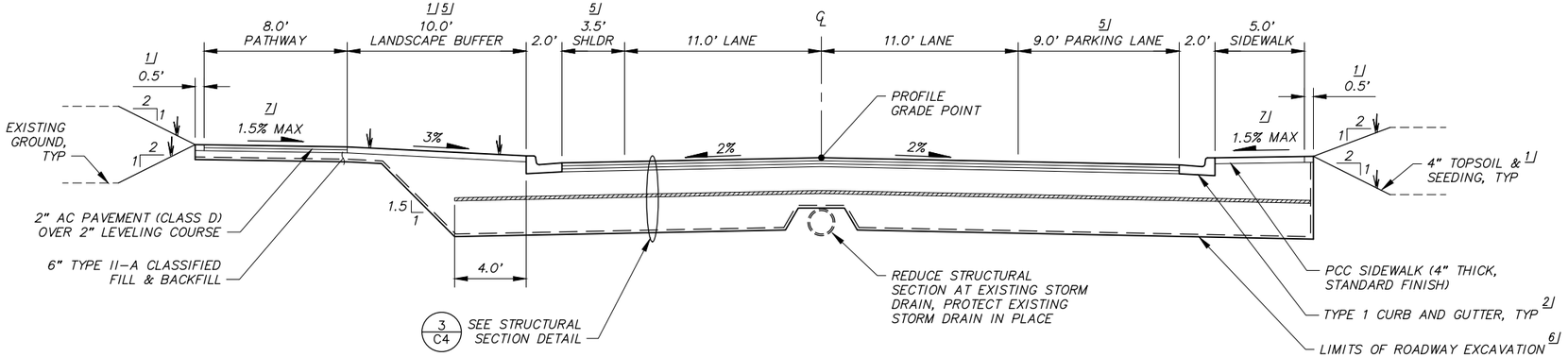
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

TYPICAL SECTIONS

LAKE OTIS PARKWAY

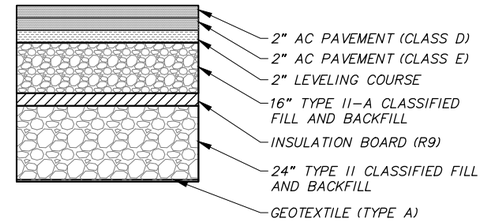
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C3 of C6

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Typical Sections_Phase 1.dwg

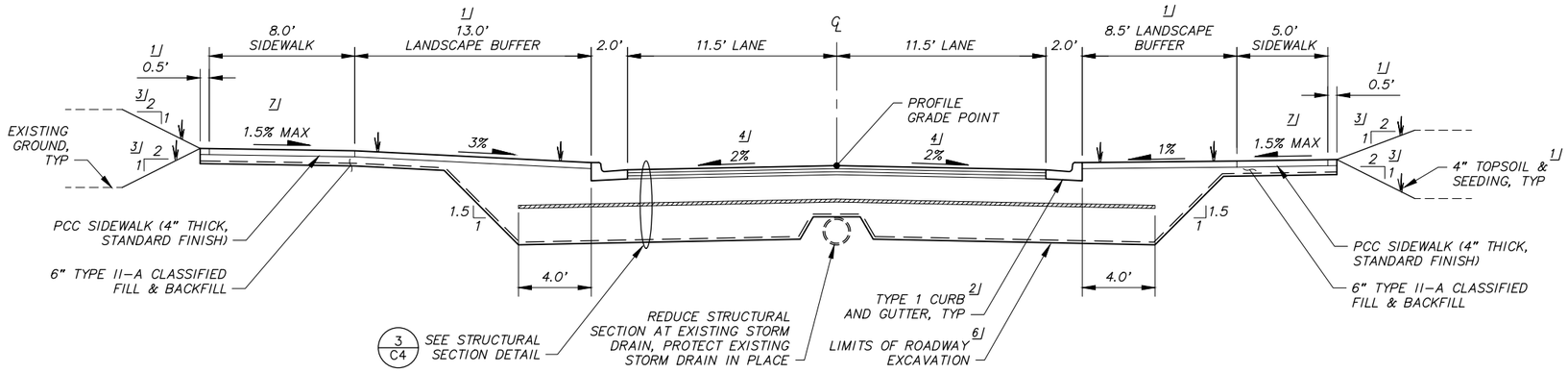


1 TYPICAL SECTION "F" - PIPER STREET

SEE NOTE 1

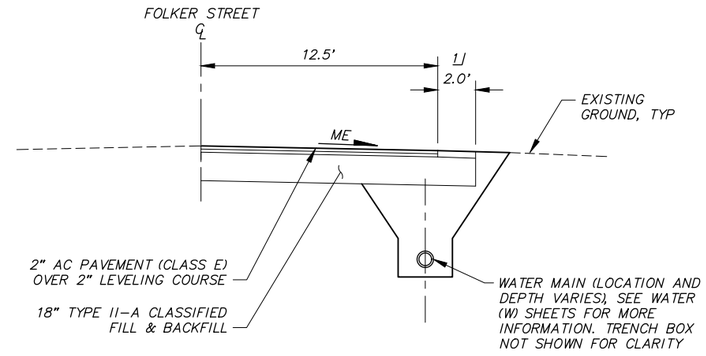


3 TYPICAL STRUCTURAL SECTION PIPER STREET



2 TYPICAL SECTION "G" - PIPER STREET NECKDOWN

SEE NOTE 1



4 TYPICAL SECTION "H" - FOLKER STREET WATER MAIN CONSTRUCTION

SEE NOTE 1

NOTES:

1. SEE SHEET C5 FOR SIDE STREET TYPICAL SECTION SUMMARY TABLE. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 5, SHEET C6. INSTALL STEEL CURB FACING ON TYPE 1 CURB AND GUTTER TRANSITIONS PER ROADWAY SUMMARY TABLES (T) SHEETS.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT/FILL SLOPES ARE 2 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. SEE DETAIL 3, SHEET C6. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. ROADWAY CROSS SLOPE SHALL BE 2% UNLESS OTHERWISE NOTED. SEE INTERSECTION LAYOUT SHEETS FOR LOCATIONS.
5. WIDTH VARIES FOR TRANSITIONS BETWEEN TYPICAL SECTIONS F & G, SEE INTERSECTION LAYOUT SHEETS FOR CURB LAYOUT AND NECKDOWN TRANSITIONS.
6. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
7. THE MAXIMUM PATHWAY/SIDEWALK GRADE IS 2% AT DRIVEWAYS. PATHWAY/SIDEWALK GRADE SHALL BE 1% MINIMUM IN ALL CASES.

RECORD DRAWING

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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

TYPICAL SECTIONS

PIPER STREET

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C4 of C6

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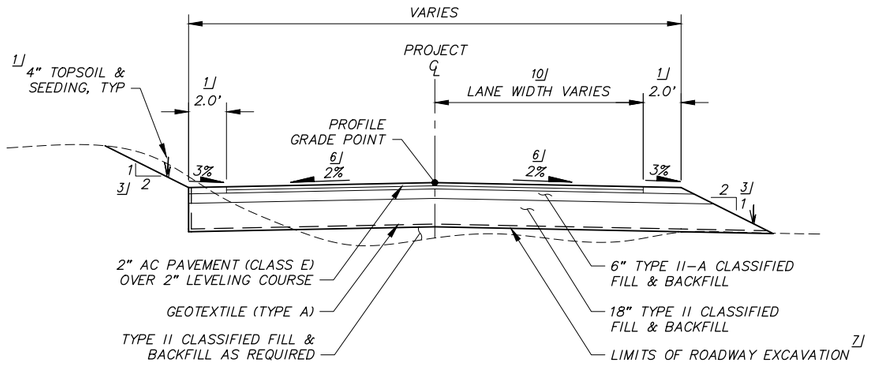
NOTES:

1. SEE TYPICAL SECTION SUMMARY TABLE, THIS SHEET. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 5, SHEET C6. INSTALL STEEL CURB FACING ON TYPE 1 CURB AND GUTTER TRANSITIONS PER ROADWAY SUMMARY TABLES (T) SHEETS.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT/FILL SLOPES ARE 2 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. SEE DETAIL 3, SHEET C6. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. INCREASE SIDEWALK THICKNESS TO 6" ACROSS ALL DRIVEWAYS & ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS.
5. THE MAXIMUM PATHWAY/SIDEWALK GRADE IS 2% AT DRIVEWAYS.
6. ROADWAY CROSS SLOPE SHALL BE 2% UNLESS OTHERWISE NOTED. SEE INTERSECTION LAYOUT SHEETS FOR ROADWAY CROSS SLOPES AT BEGIN/END OF SIDE STREET CURB RETURNS. MODIFY ROADWAY CROSS SLOPE AS REQUIRED TO MATCH INTO EXISTING ROADWAY OR AS DIRECTED IN THE FIELD BY THE ENGINEER. PROVIDE SMOOTH TRANSITION TO MATCH EXISTING AND POSITIVE DRAINAGE TOWARD STORM DRAIN STRUCTURES.
7. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
8. INSTALL TYPE 2 CURB & GUTTER UNLESS OTHERWISE NOTED, SEE INTERSECTION LAYOUT SHEETS FOR CURB TYPES ON SIDE STREETS.
9. BEGIN TRANSITION FROM MAIN STREET TYPICAL SECTION TO SIDE STREET TYPICAL SECTION AT END OF SIDE STREET CURB RETURN & INSTALL INSULATION WITHIN SIDE STREET PER DETAIL 1, SHEET D6.
10. SEE ROADWAY PLAN & PROFILE FOR SIDE STREET WIDTHS.
11. CONSTRUCT SHOULDER PER DETAIL 5, SHEET C3 AT LUMINAIRE LOCATIONS.

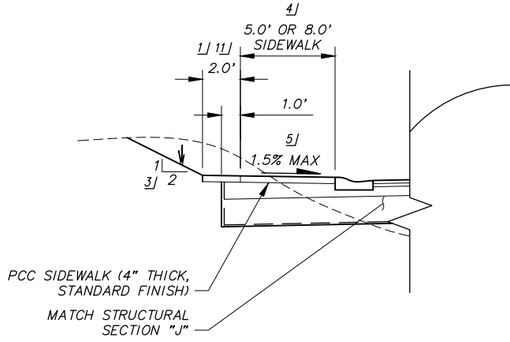


TYPICAL SECTION "I" - SIDE STREETS NO CURB (BEYOND CURB RETURN) 9/

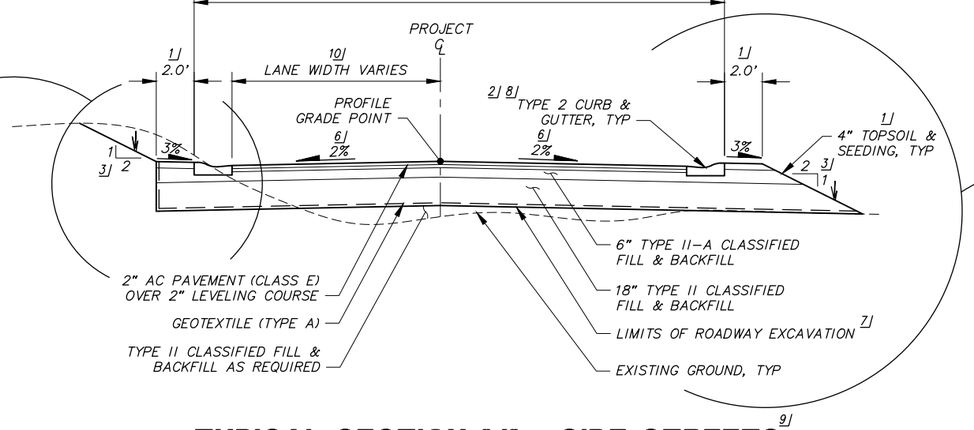
1

SEE NOTE 1

SIDE STREET TYPICAL SECTION TABLE				
SIDE STREET	FROM STA	TO STA	TYPICAL SECTION	COMMENTS
LAUREL STREET	11+40	11+48	I	
	11+48	BEGIN CURB RETURN	J	
	END CURB RETURN	12+73	J	5' SIDEWALK LT & RT
HICKORY PLACE (LT)	END CURB RETURN	21+00	I	-10% LT SHOULDER SLOPE
HICKORY PLACE (RT)	END CURB RETURN	20+50	J	
	20+50	21+00	I	
FOLKER STREET (LT)	32+18	32+24	I	
	32+24	BEGIN CURB RETURN	J	
	END CURB RETURN	33+82	J	8' SIDEWALK
	33+82	34+33	J	
	34+33	34+38	I	
FOLKER STREET (RT)	31+10	32+18	H	
	32+18	32+24	I	
	32+24	BEGIN CURB RETURN	J	
	END CURB RETURN	34+38	J1	
ROSON COURT	41+26	BEGIN CURB RETURN	I	OMIT 2.0' LT SHOULDER
BRANTLEY PLACE	END CURB RETURN	45+64	I	
WRIGHT STREET	52+43	52+52	I	
	52+52	BEGIN CURB RETURN	J	
	END CURB RETURN	53+59	J	
	53+59	53+65	I	
PARKER PLACE	62+36	62+42	I	
	62+42	BEGIN CURB RETURN	J	
PIPER STREET	72+24	72+54	F	
	72+54	73+46	G	
	73+46	73+76	F	



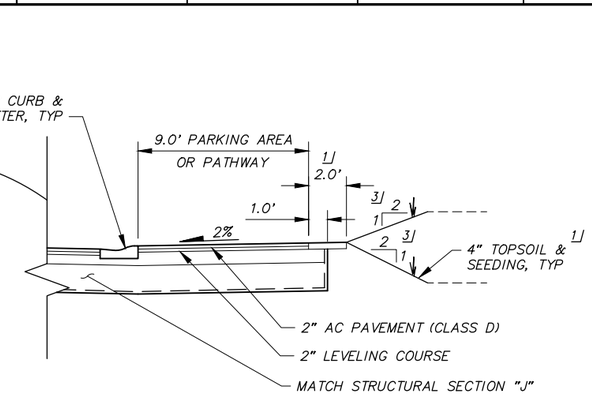
WHERE SIDEWALK REQUIRED (MIRROR FOR RIGHT SIDE)



TYPICAL SECTION "J" - SIDE STREETS WITH CURB (BEYOND CURB RETURN) 9/

2

SEE NOTE 1



TYPICAL SECTION "J1" FOLKER STREET PARKING AREA OR PATHWAY

3

SEE NOTE 1

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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

TYPICAL SECTIONS

SIDE STREETS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C5 of C6

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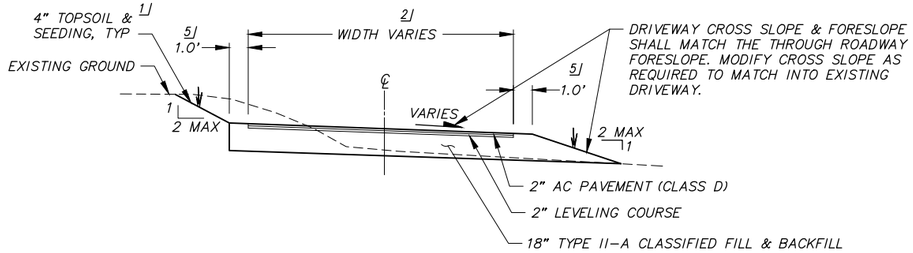
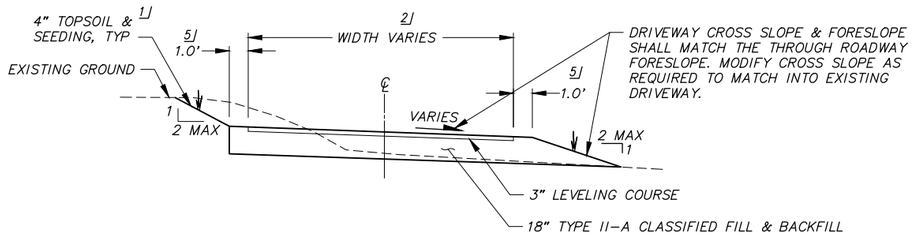
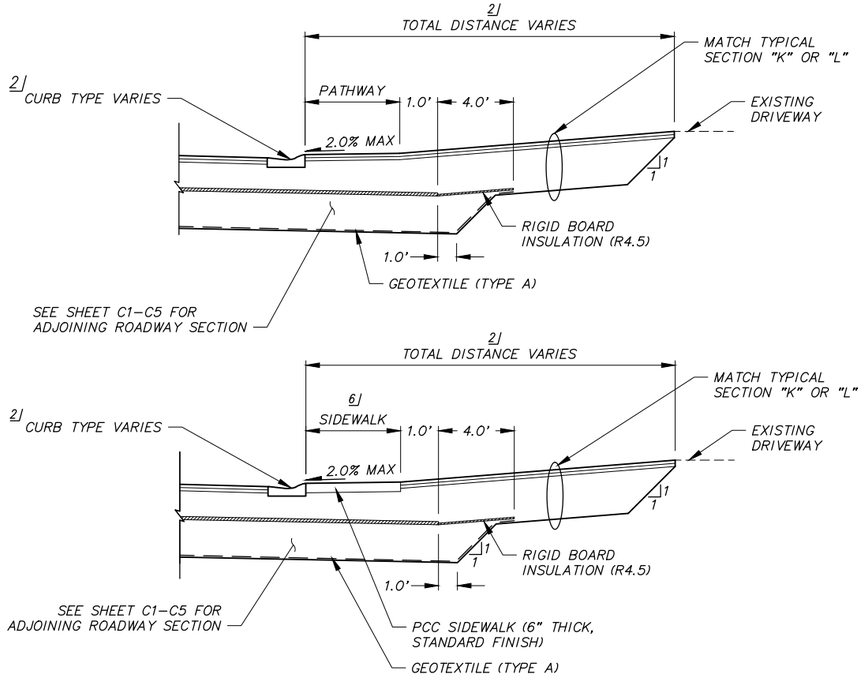


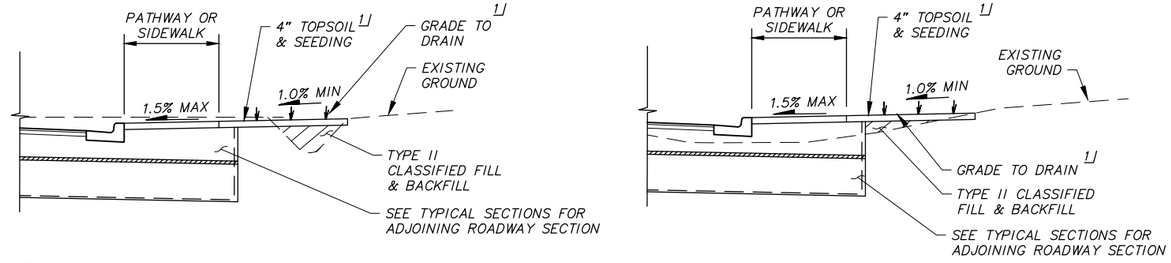
1 **TYPICAL SECTION "K" DRIVEWAY/PARKING AREA PAVED** 2/



2 **TYPICAL SECTION "L" DRIVEWAY UNPAVED** 2/ 3/



4 **TYPICAL DRIVEWAY CONNECTION SECTION** 4/



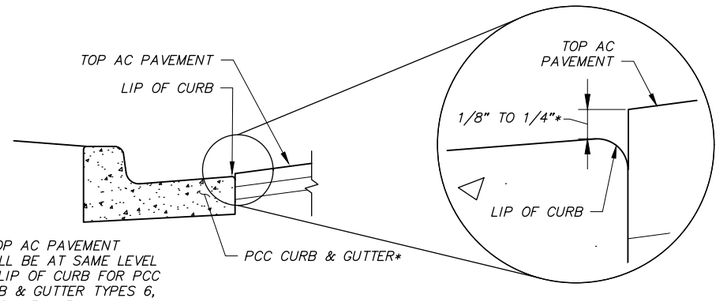
3 **SPECIAL FILL GRADING DETAILS**

SHEET NOTES:

1. *SEE SHEETS C1-C5 FOR ADJOINING ROADWAY SECTION.*

FOOT NOTES:

1. *PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.*
2. *SEE RECONSTRUCT DRIVEWAY SUMMARY TABLE ON THE ROADWAY SUMMARY TABLE (T) SHEETS, DRIVEWAY RECONSTRUCTION PLANS & DRIVEWAY DETAILS FOR DRIVEWAY RECONSTRUCTION INFORMATION.*
3. *INSTALL INSULATION ADJACENT TO DRIVEWAY AND TRANSITION TO DRIVEWAY SECTION PER DETAIL 4, THIS SHEET.*
4. *FOR DRIVEWAYS WITH CURB RETURNS, EXTEND R9 INSULATION AND BEGIN TRANSITION TO TYPICAL SECTION "K" 1 FOOT BEYOND BACK OF SIDEWALK/PATHWAY EXTENDED.*
5. *1.0' SHOULDER NOT REQUIRED WHEN DRIVEWAY IS ADJACENT TO PAVED SURFACES.*
6. *ADD WELDED STEEL WIRE REINFORCEMENT TO ALL 6" SIDEWALKS PER THE SPECIFICATIONS.*



* TOP AC PAVEMENT SHALL BE AT SAME LEVEL AS LIP OF CURB FOR PCC CURB & GUTTER TYPES 6, 1A, 2A, 3 & 3A.

5 **CURB AND GUTTER & AC PAVEMENT EDGE DETAIL**

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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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STAKING			
ASBUILT			
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INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

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REVISIONS

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CONSULTANT

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

TYPICAL SECTIONS

DRIVEWAY & MISCELLANEOUS DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET C6 of C6

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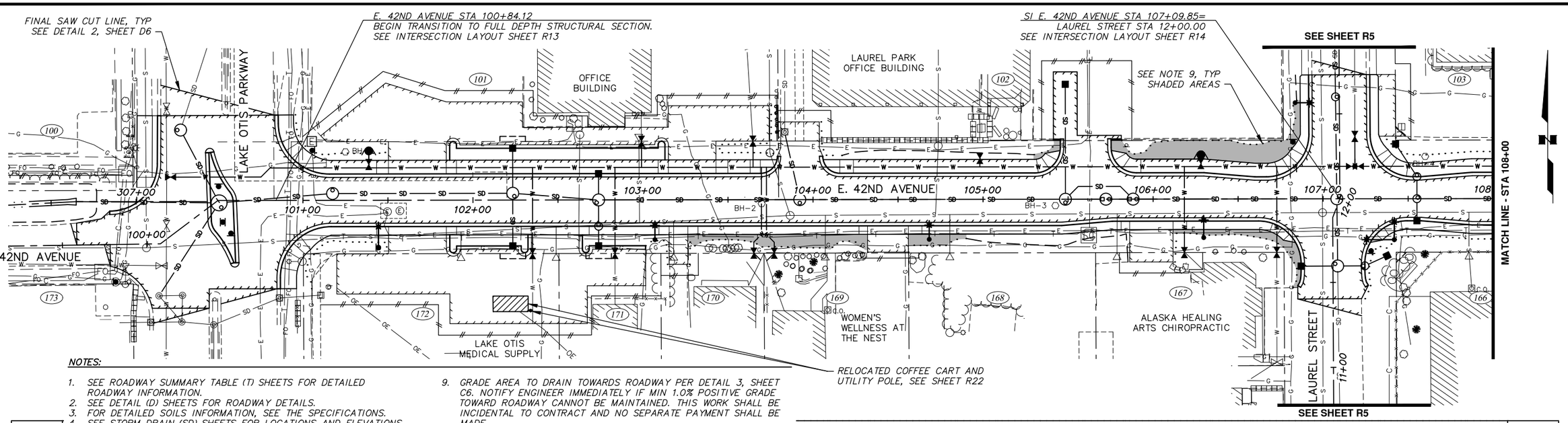
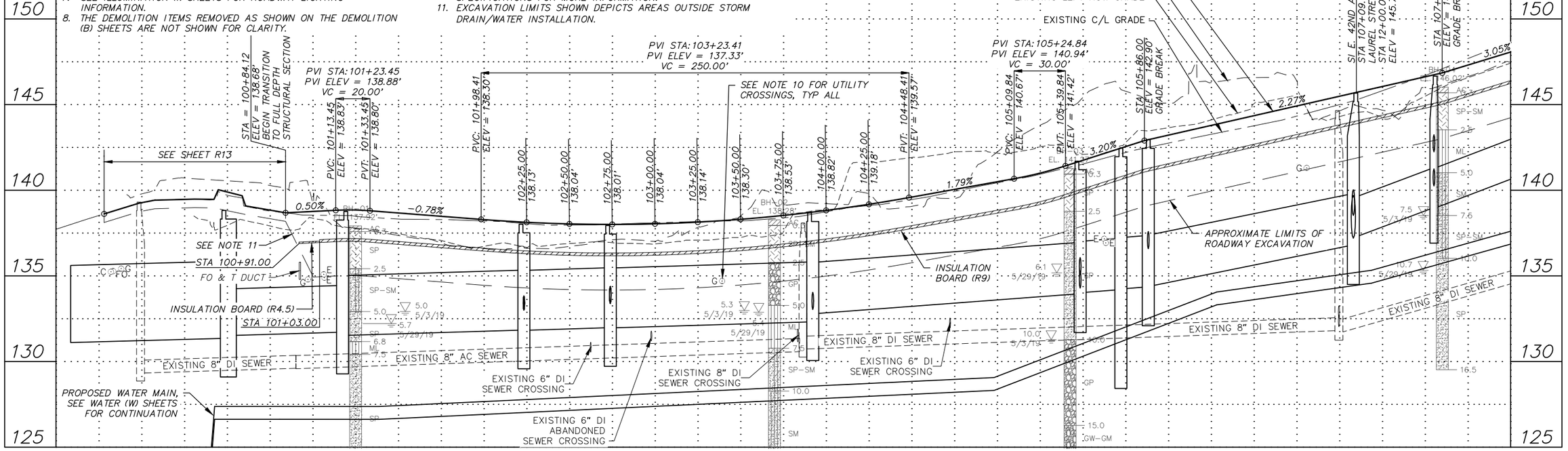


NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
4. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
5. SEE WATER (W) SHEETS FOR LOCATIONS AND ELEVATIONS OF WATER PIPES, VALVES, & HYDRANTS.
6. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
8. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.
9. GRADE AREA TO DRAIN TOWARDS ROADWAY PER DETAIL 3, SHEET C6. NOTIFY ENGINEER IMMEDIATELY IF MIN 1.0% POSITIVE GRADE TOWARD ROADWAY CANNOT BE MAINTAINED. THIS WORK SHALL BE INCIDENTAL TO CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
10. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.
11. EXCAVATION LIMITS SHOWN DEPICTS AREAS OUTSIDE STORM DRAIN/WATER INSTALLATION.



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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
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STORM SEWER	AA	JH
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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

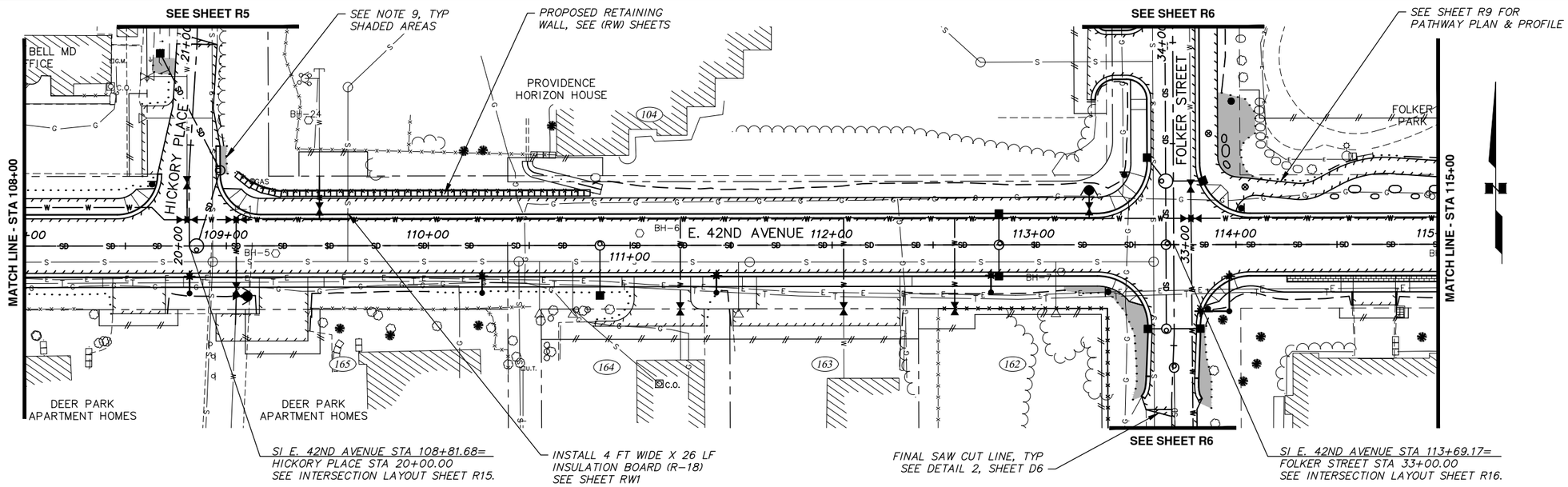
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

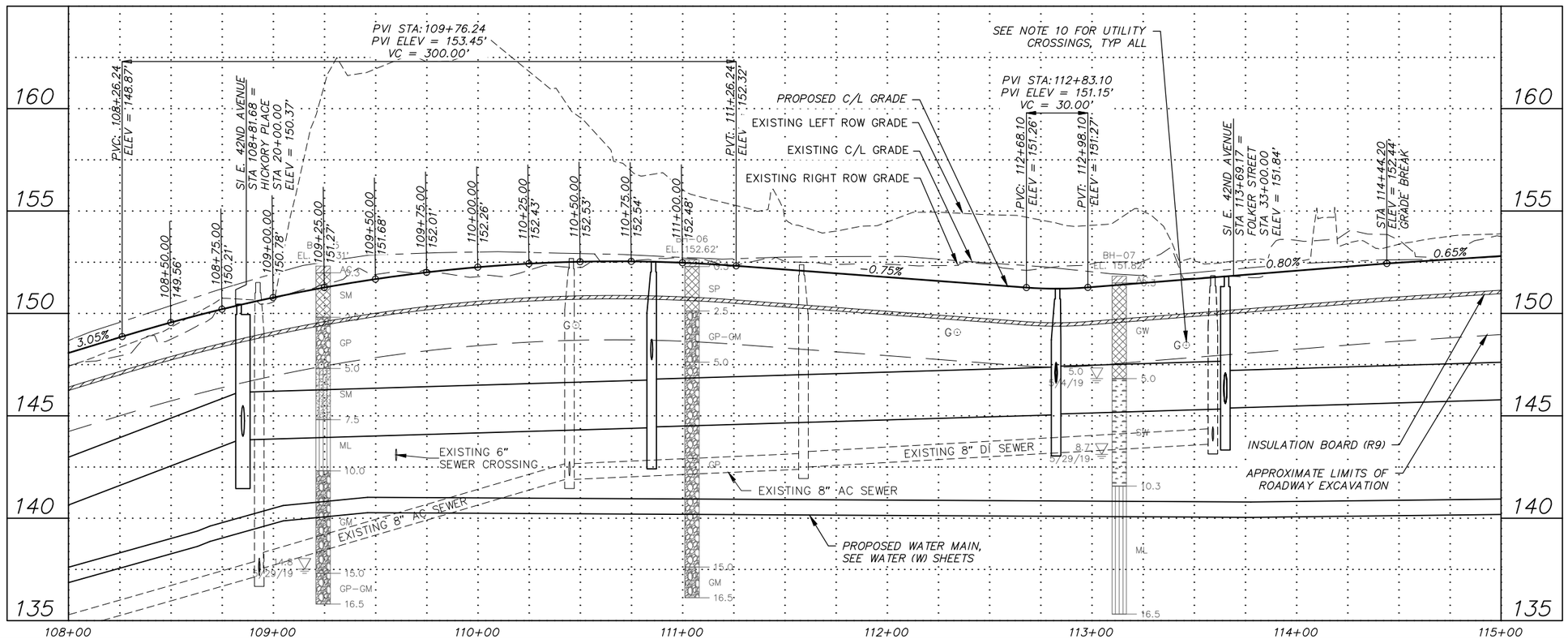
ROADWAY PLAN & PROFILE

E. 42ND AVENUE
BOP TO STA 108+00

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R1 of R28

File: J:\Jobdata\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway-Plan & Profile_Phase 1.dwg





NOTES:

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2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
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7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
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RECORD DRAWING

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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
AECL882-AK

CONSULTANT

STATE OF ALASKA 49TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

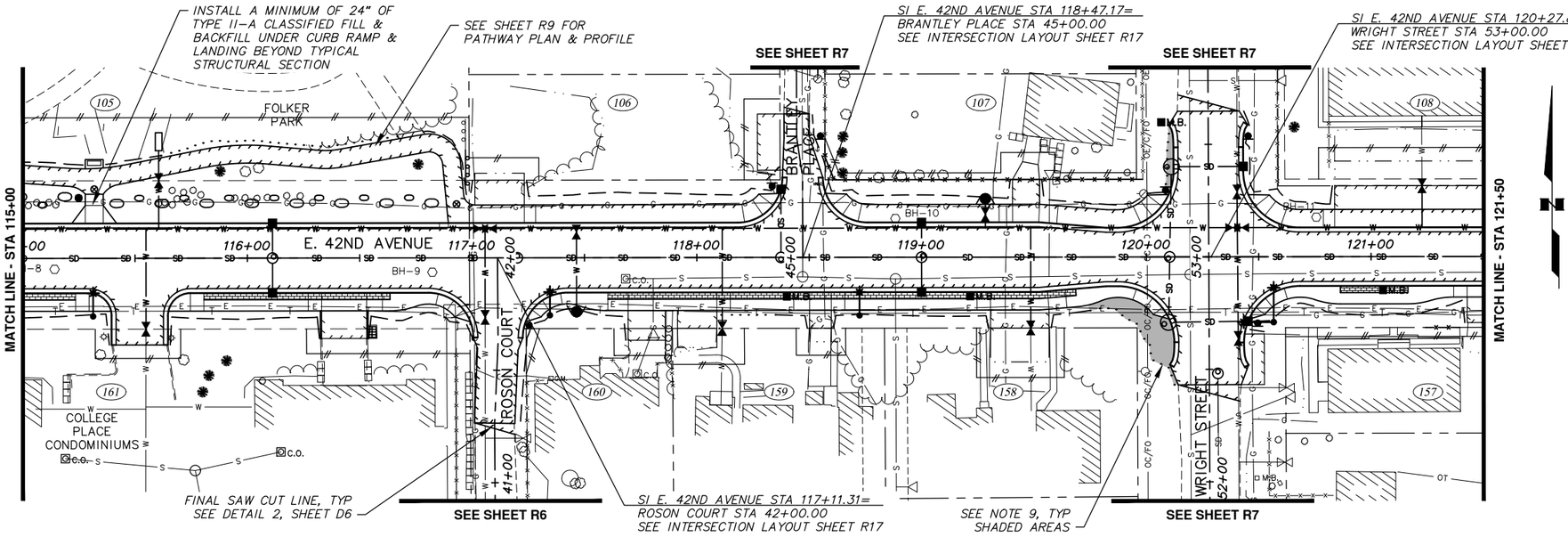
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

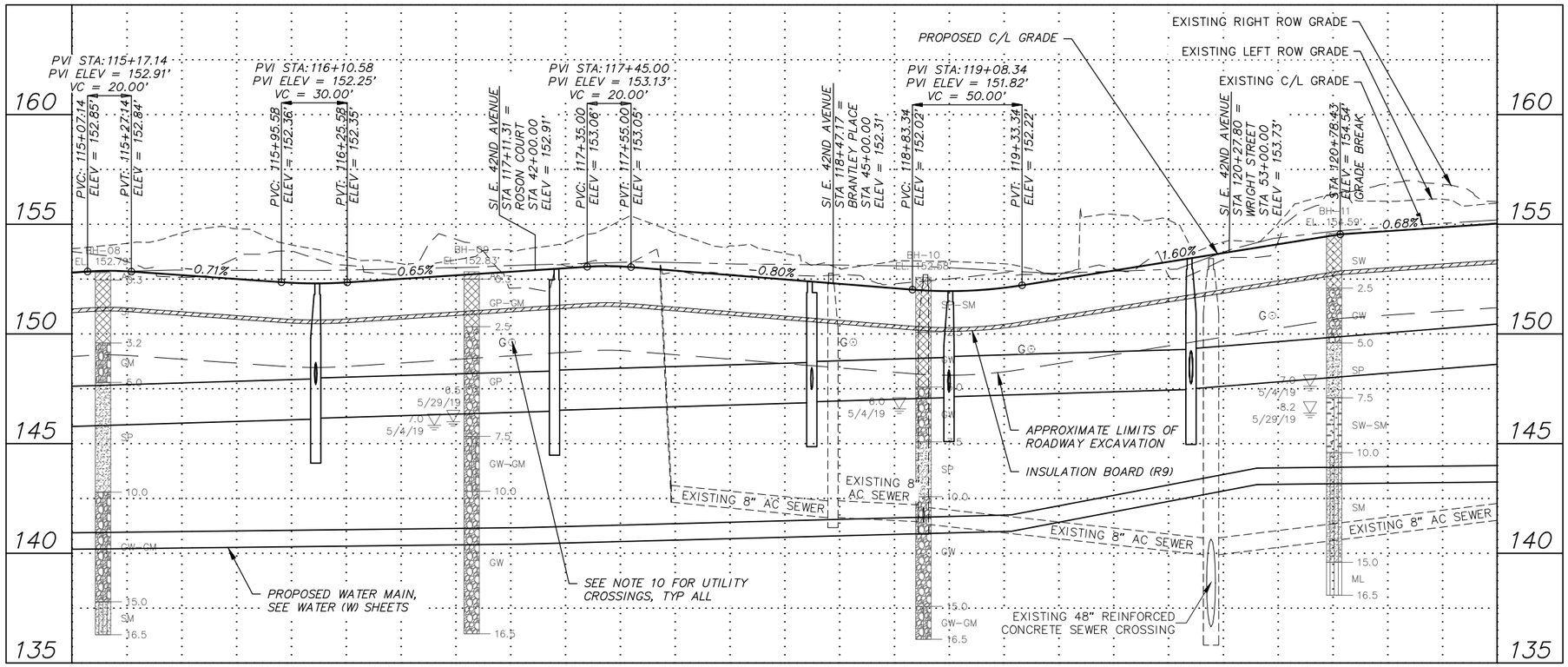
ROADWAY PLAN & PROFILE

E. 42ND AVENUE
STA 108+00 TO STA 115+00

SCALE HOR. 1"=30' VER. 1"=3'
GRID SW1733, SW1734, SW1735
DATE MARCH 2024
STATUS FINAL
SHEET R2 of R28

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway-Plan & Profile_Phase 1.dwg





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   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

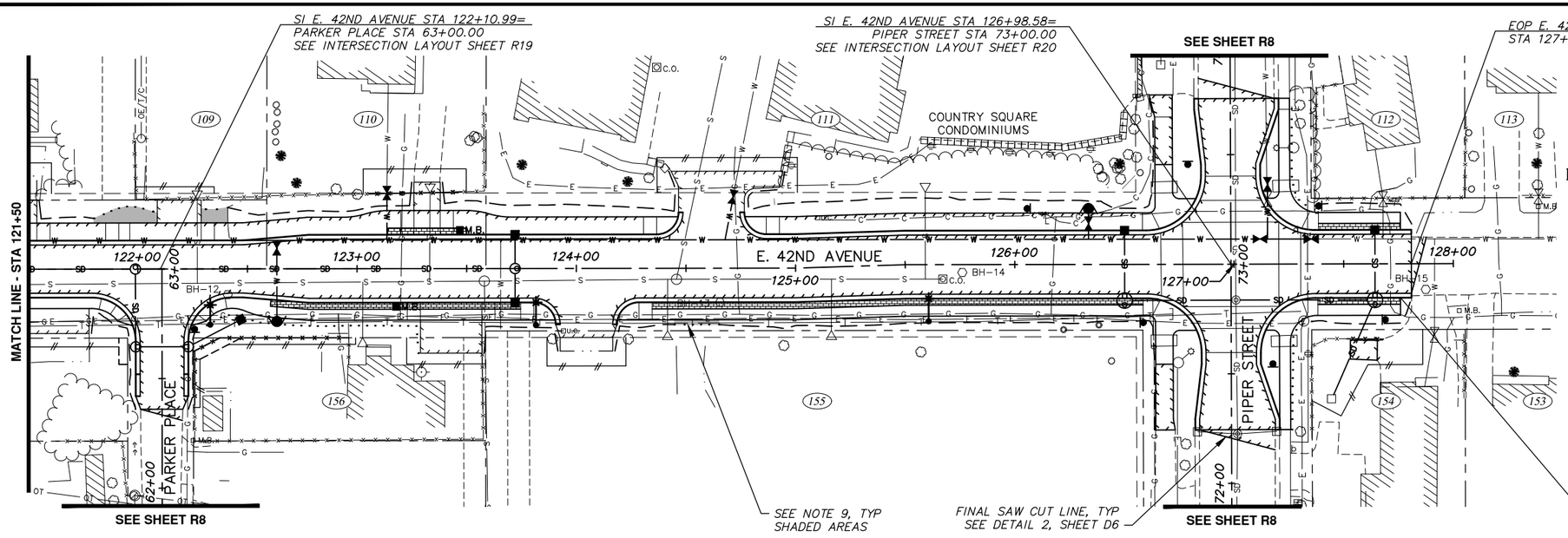
18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

ROADWAY PLAN & PROFILE

E. 42ND AVENUE
STA 115+00 TO STA 121+50

SCALE HOR. 1"=30'
VER. 1"=3'
GRID SW1733, SW1734, SW1735
DATE MARCH 2024
STATUS FINAL
SHEET R3 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway-Plan & Profile_Phase 1.dwg



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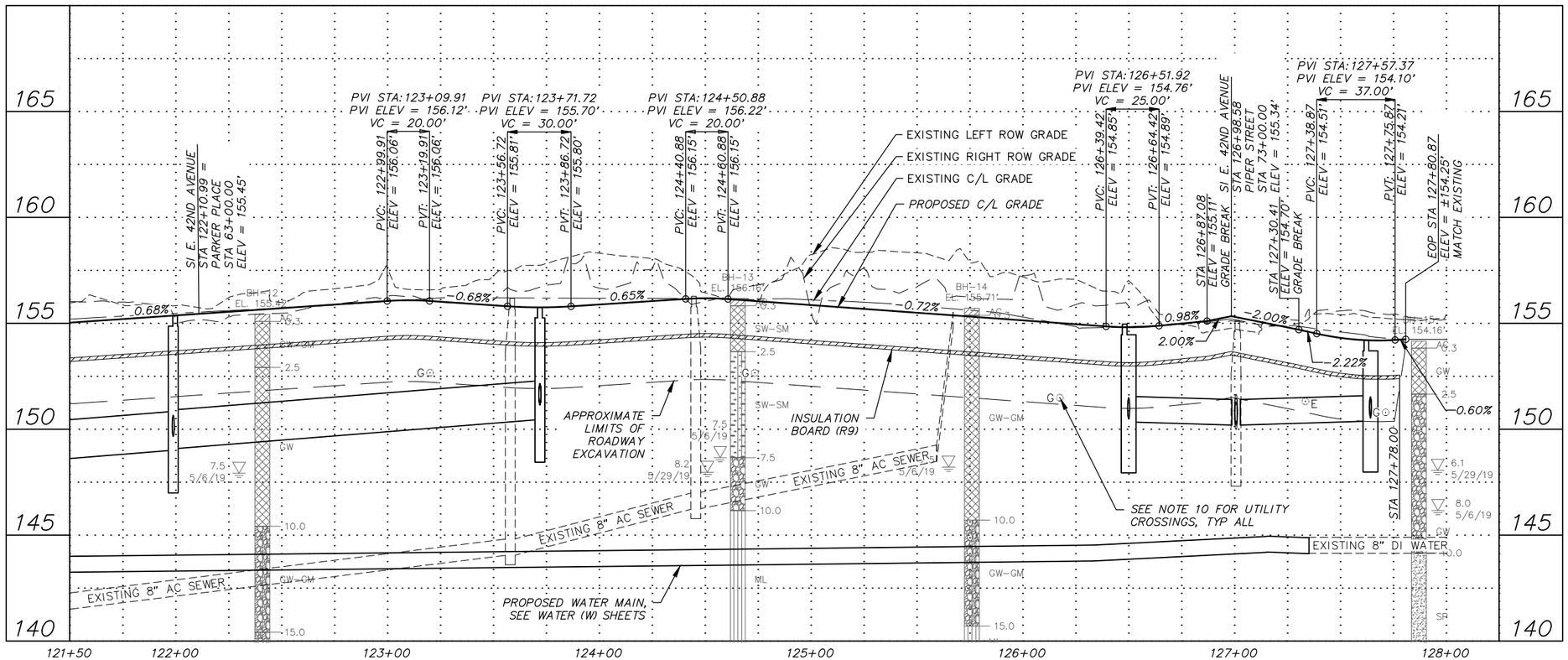

RECORD DRAWING

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   CONTRACTOR: _____
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   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 60 30 0 30 60

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
AS-BUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

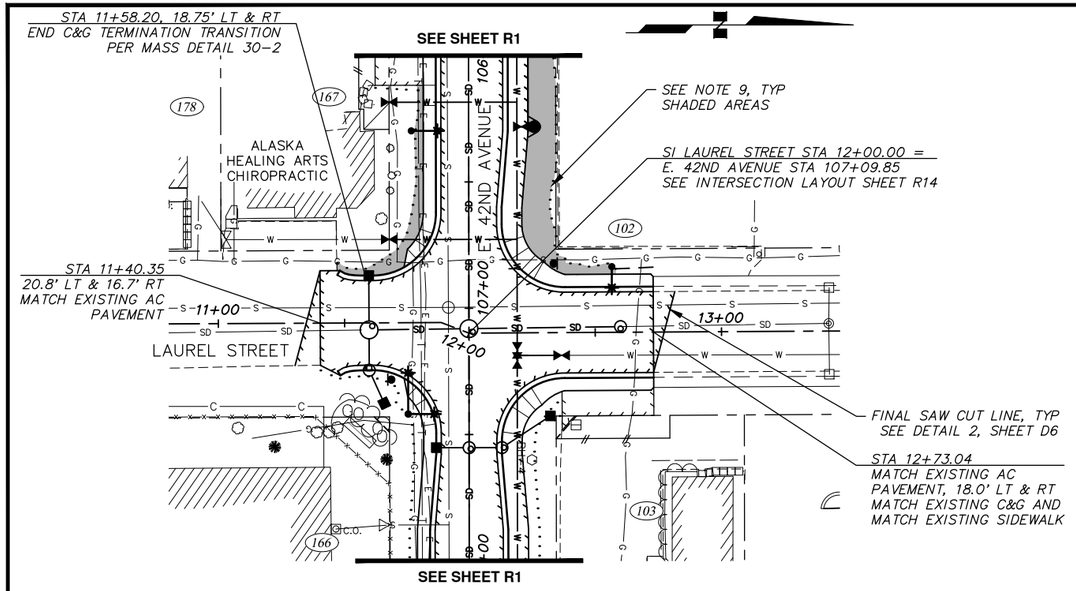
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

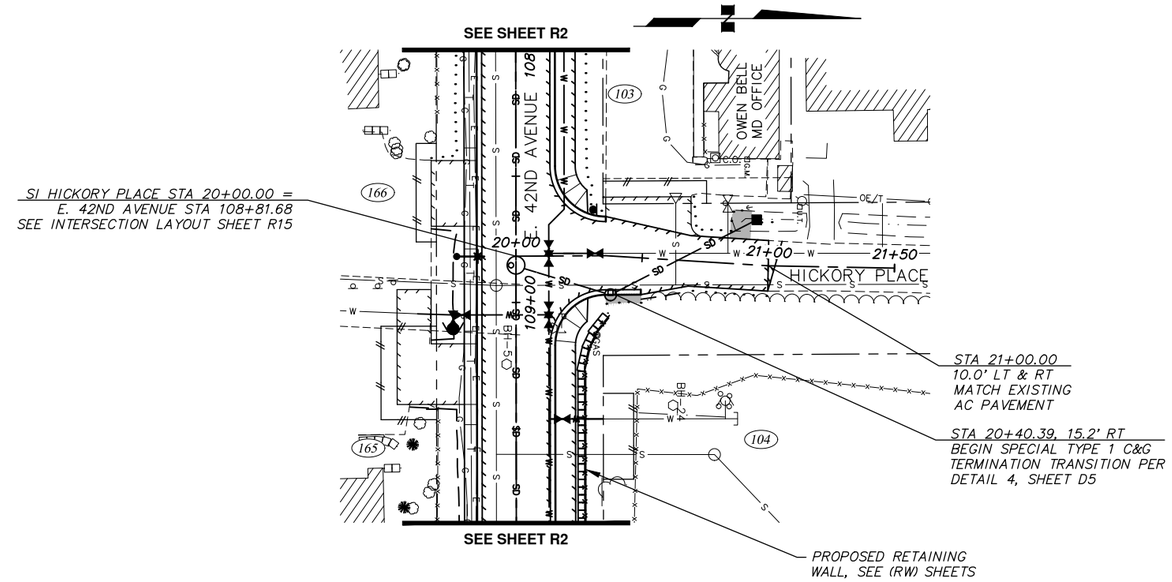
ROADWAY PLAN & PROFILE

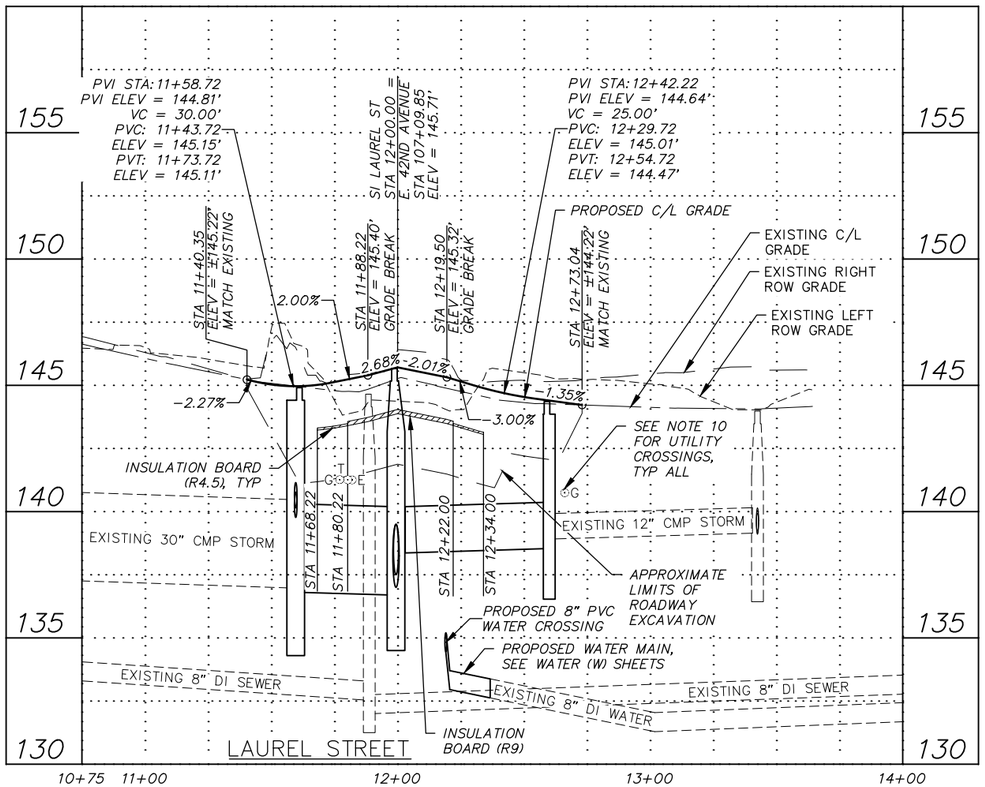
E. 42ND AVENUE
STA 121+50 TO EOP

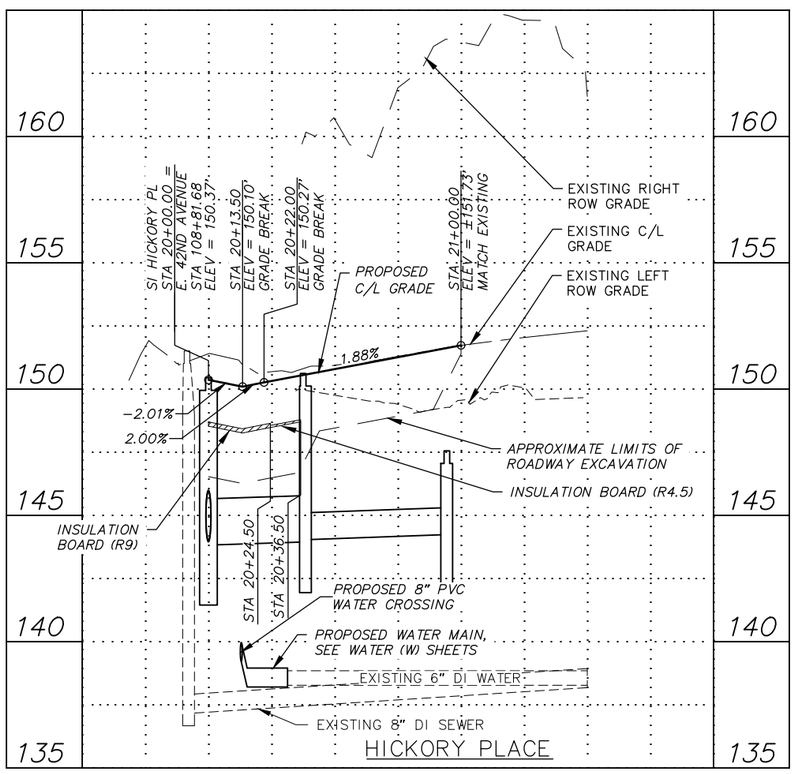
SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R4 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway-Plan & Profile_Phase 1.dwg









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RECORD DRAWING

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BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA — 49TH — Robert W. Burdick CE-12969 3/27/24 REGISTERED PROFESSIONAL ENGINEER — SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

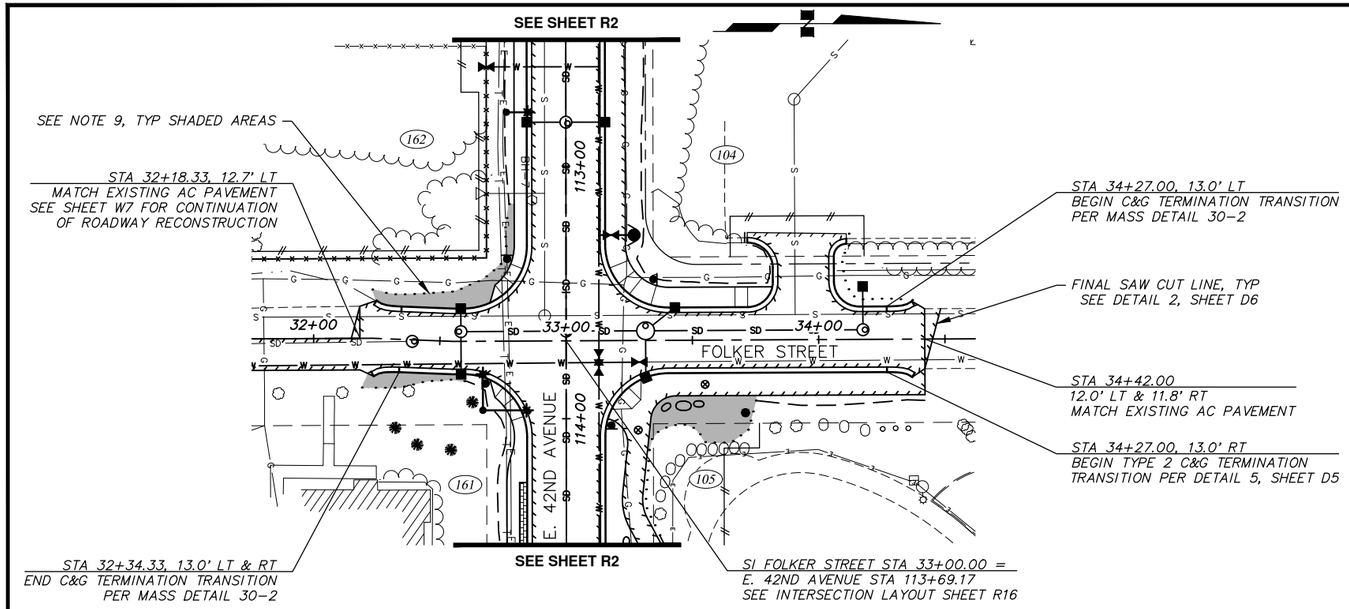
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

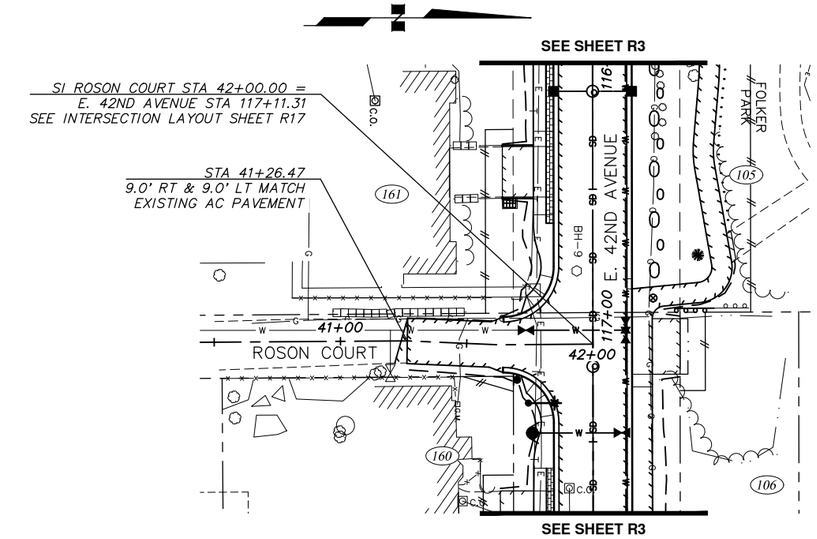
ROADWAY PLAN & PROFILE

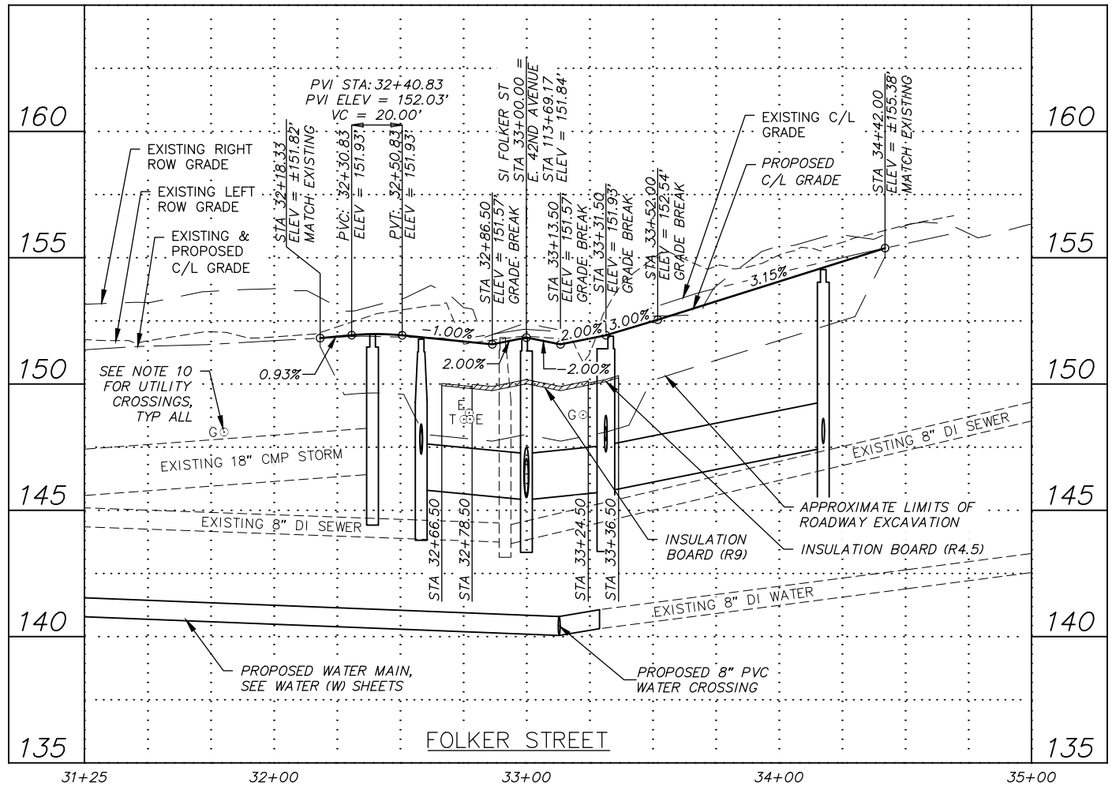
LAUREL STREET & HICKORY PLACE

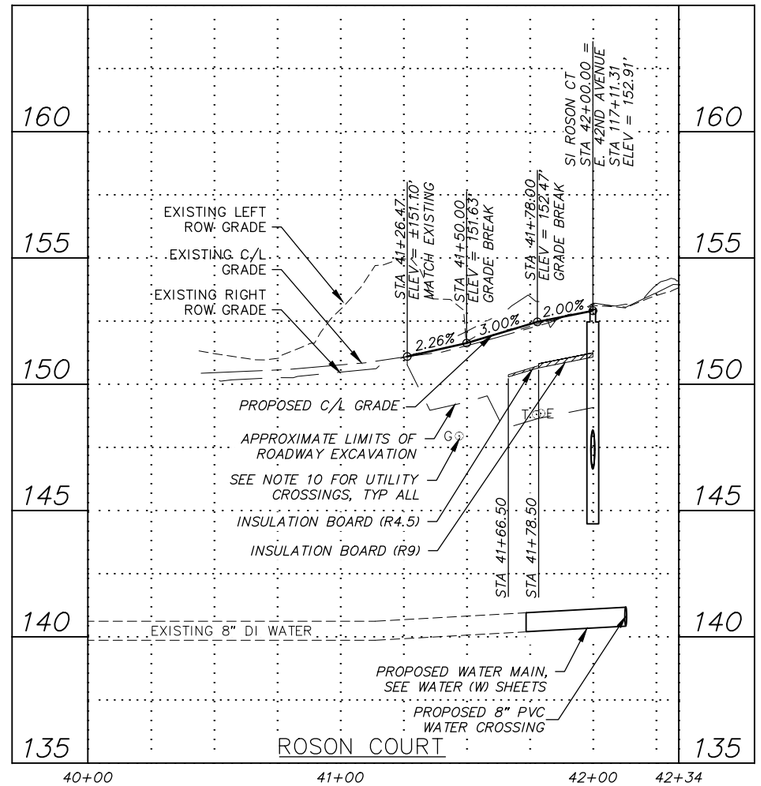
SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R5 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Sidestreets-Plan & Profile_Phase 1.dwg









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DESIGN	RB	JK
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PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA — 49 TH — Robert W. Burdick CE-123959 3/27/24 REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

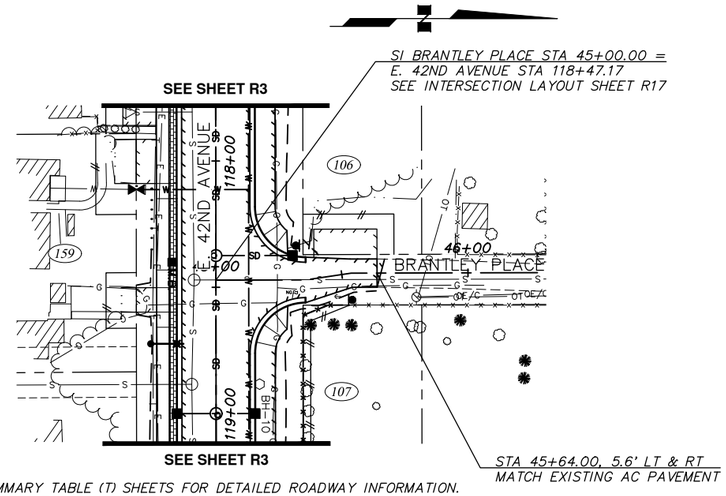
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

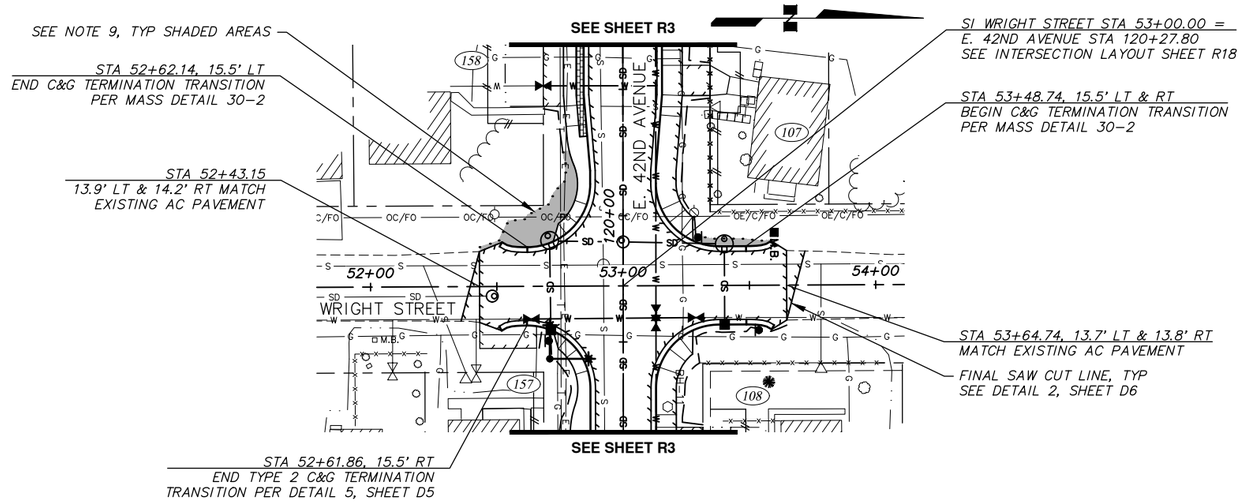
ROADWAY PLAN & PROFILE

FOLKER STREET & ROSON COURT

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R6 of R28

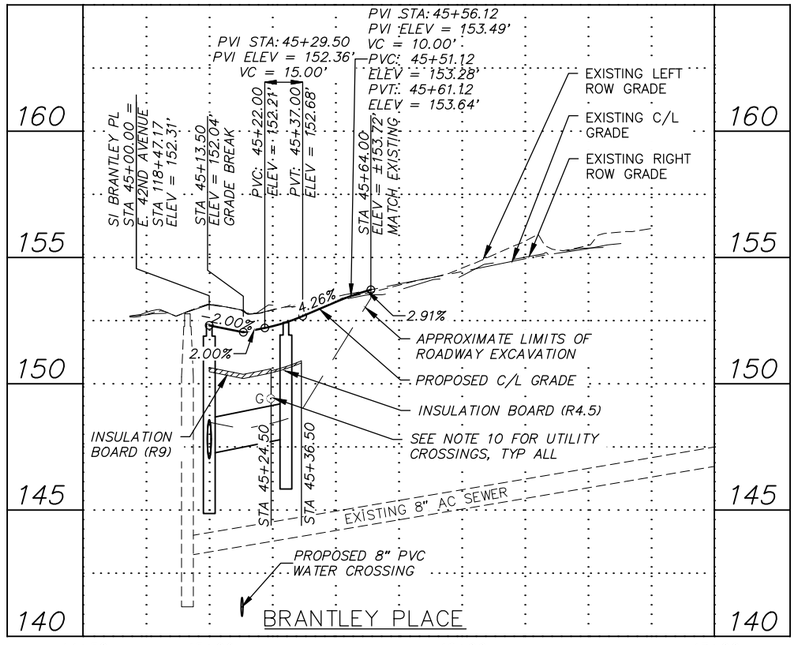
File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Sidestreets-Plan & Profile_Phase 1.dwg

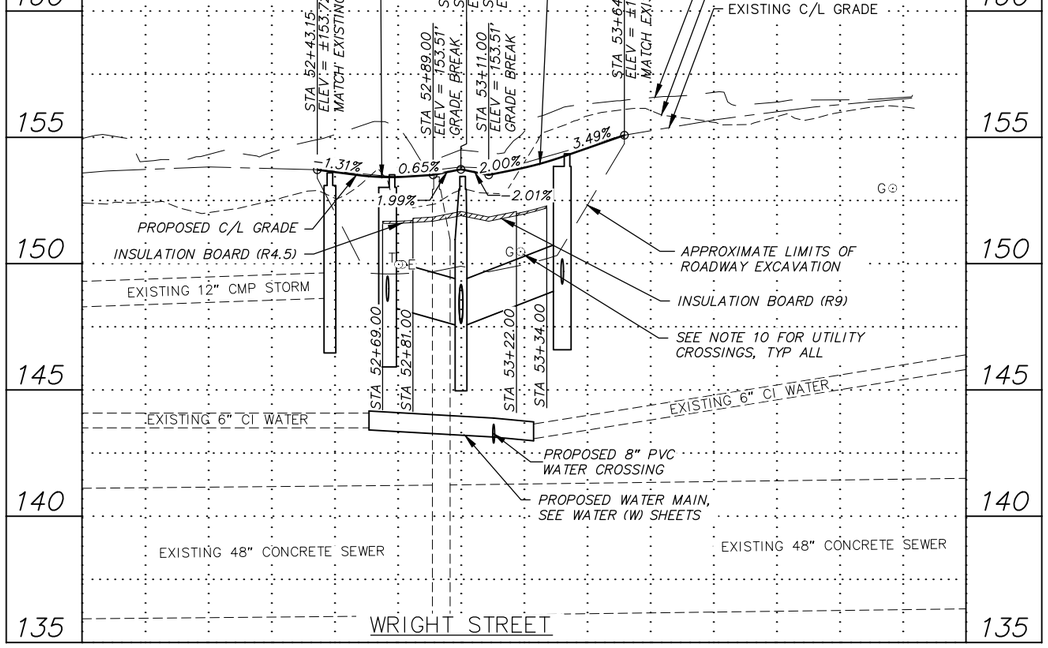




NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
4. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
5. SEE WATER (W) SHEETS FOR LOCATIONS AND ELEVATIONS OF WATER PIPES, VALVES, & HYDRANTS.
6. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
8. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.
9. GRADE AREA TO DRAIN TOWARDS ROADWAY PER DETAIL 3, SHEET C6. NOTIFY ENGINEER IMMEDIATELY IF MIN 1.0% POSITIVE GRADE TOWARD ROADWAY CANNOT BE MAINTAINED. THIS WORK SHALL BE INCIDENTAL TO CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
10. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.





RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
STAKING	CB 7B	See MOA Benchmark Book, Page D-18	161.20
ASBUILT			
CONTRACTOR			
INSPECTOR			

BASIS OF THIS DATUM GAAB 1972 ADJUST

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#ACCL882-AK
CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

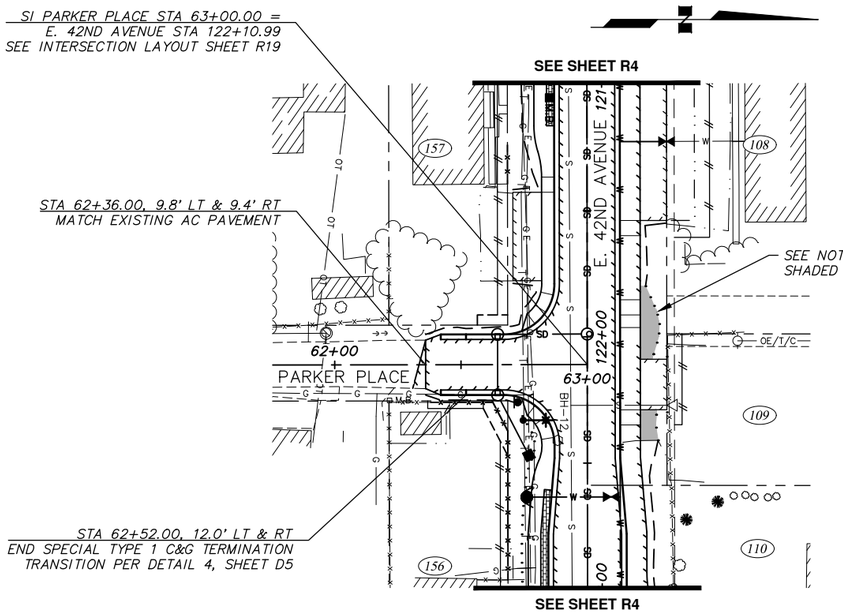
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

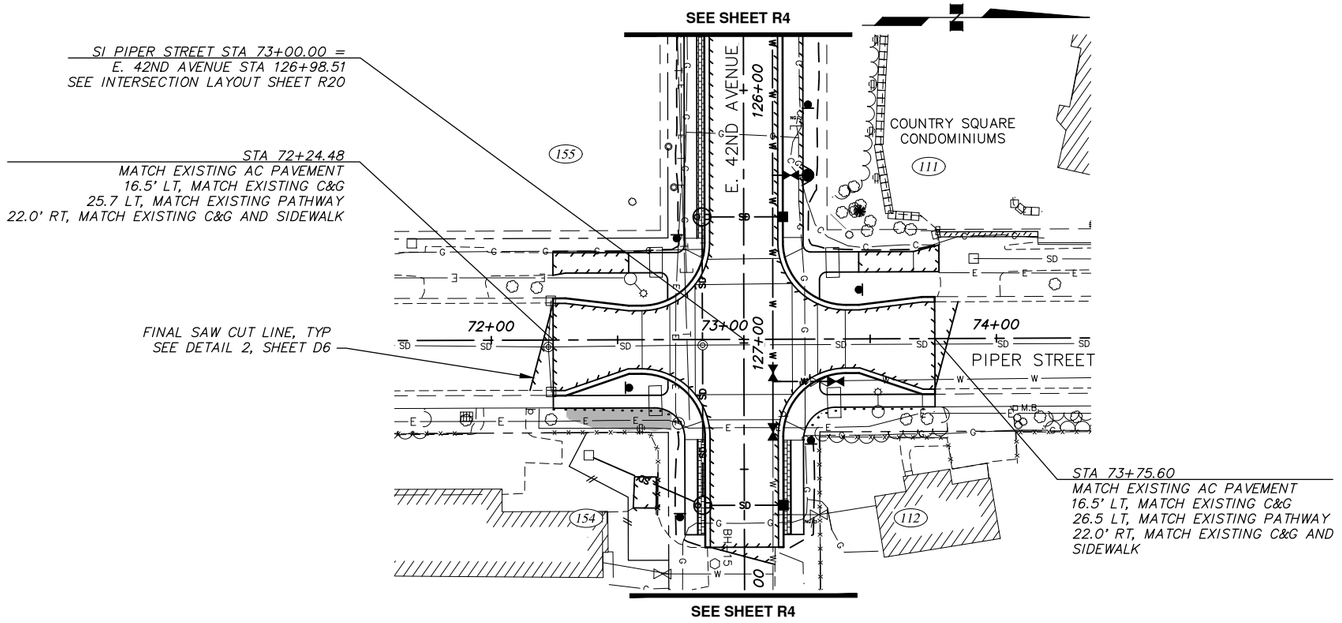
ROADWAY PLAN & PROFILE

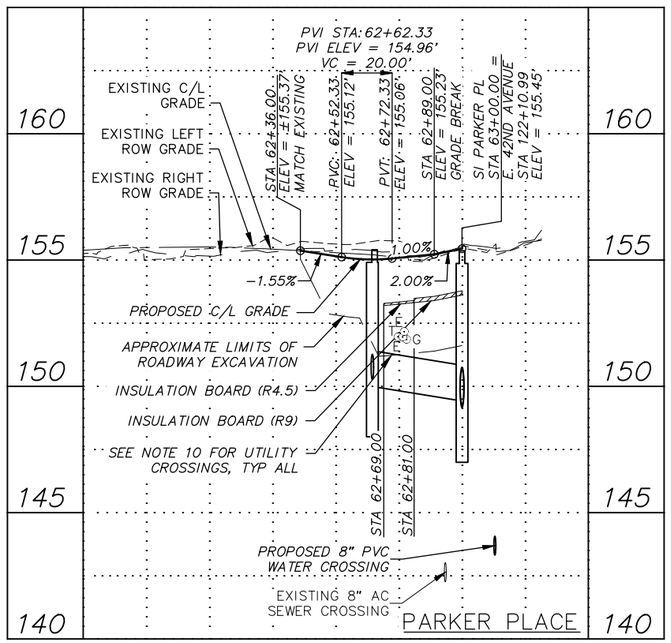
BRANTLEY PLACE & WRIGHT STREET

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R7 of R28

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Sidestreets-Plan & Profile_Phase 1.dwg







NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
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7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
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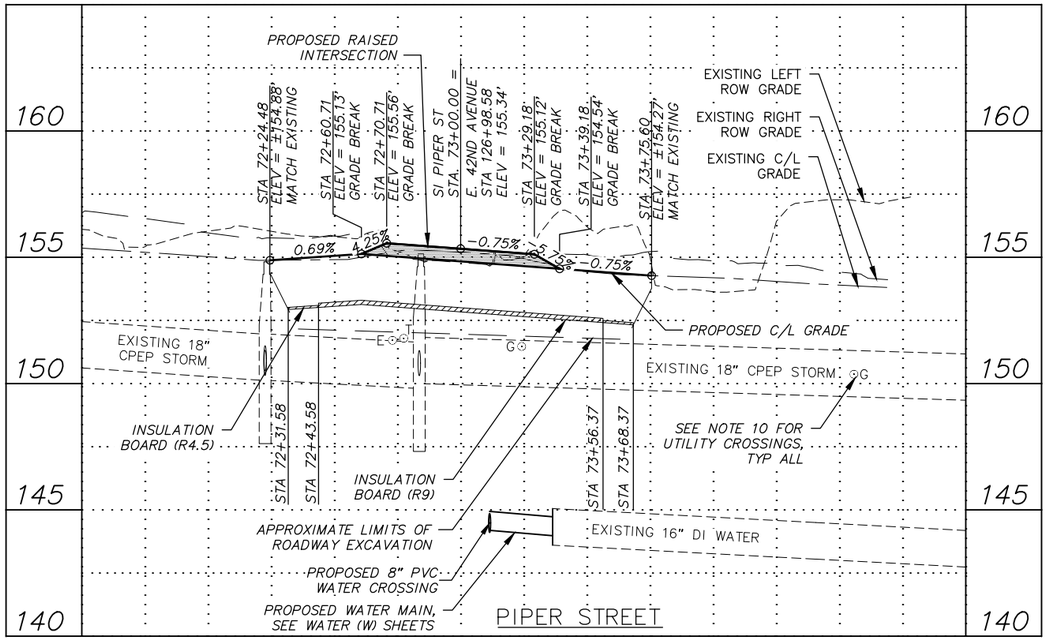

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

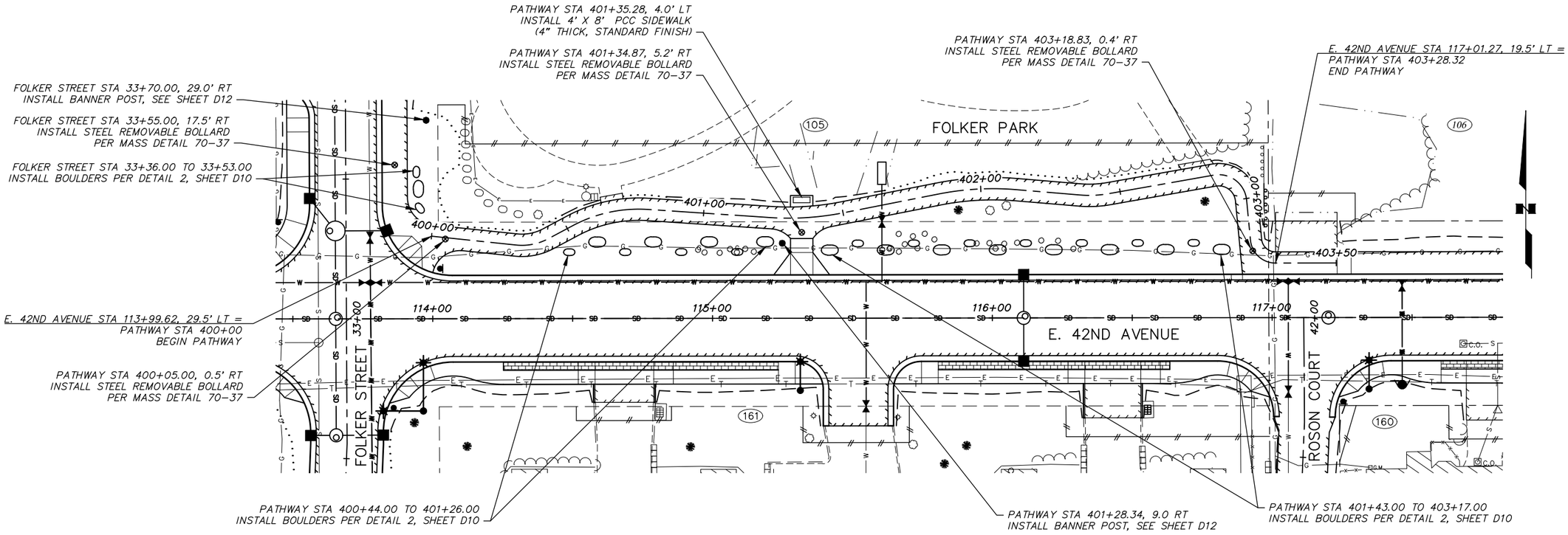
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

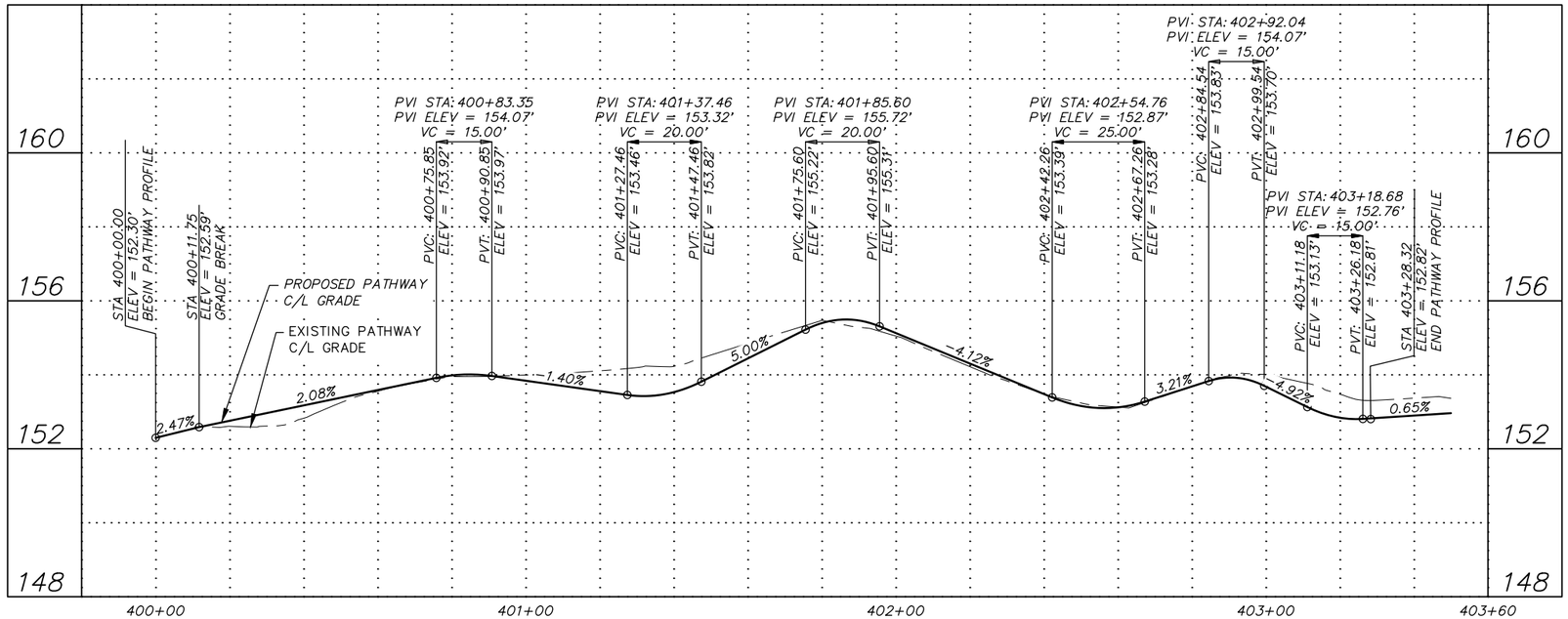
ROADWAY PLAN & PROFILE

PARKER PLACE & PIPER STREET

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R8 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Sidestreets-Plan & Profile_Phase 1.dwg





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RECORD DRAWING

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   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

STATE OF ALASKA — 49 TH — Robert W. Burdick CE-123959 3/27/24 REGISTERED PROFESSIONAL ENGINEER
SEAL

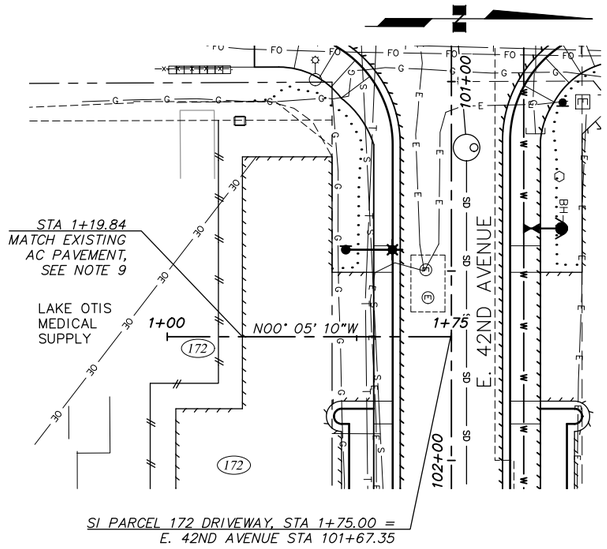
UNIVERSITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

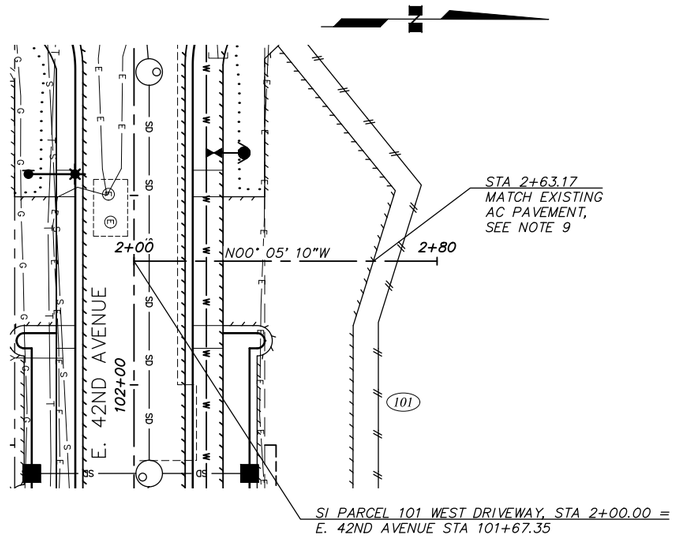
PATHWAY PLAN & PROFILE

SCALE HOR. 1"=20' VER. 1"=2' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R9 of R28



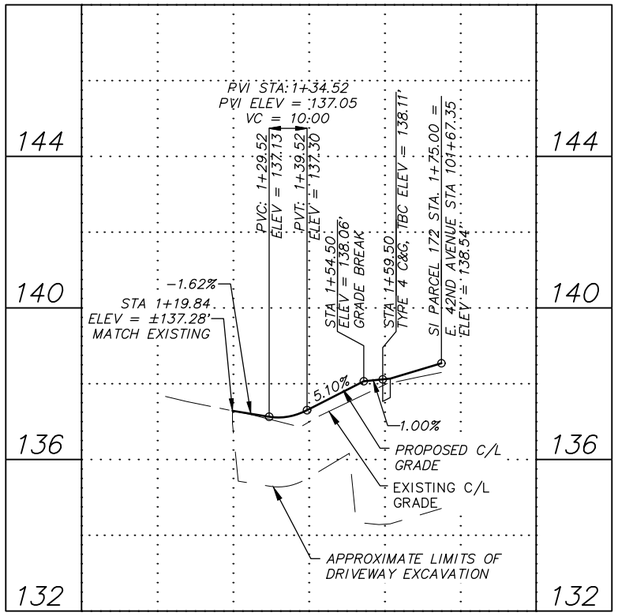
1 PARCEL 172 DRIVEWAY

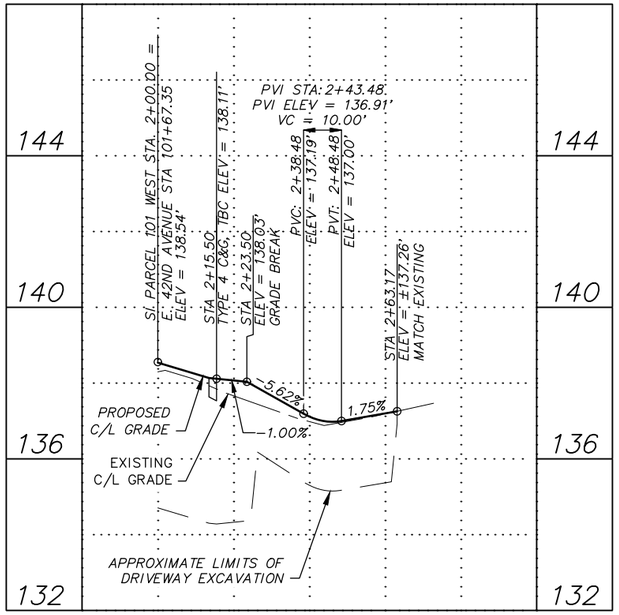
SCALE: GRAPHIC



2 PARCEL 101 WEST DRIVEWAY

SCALE: GRAPHIC





NOTES:

1. *SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.*
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7. *SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.*
8. *THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.*
9. *SEE SHEET R22 FOR PARCEL 101 WEST & 172 DRIVEWAY RECONSTRUCTION PLAN.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#ACCL882-AK

CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

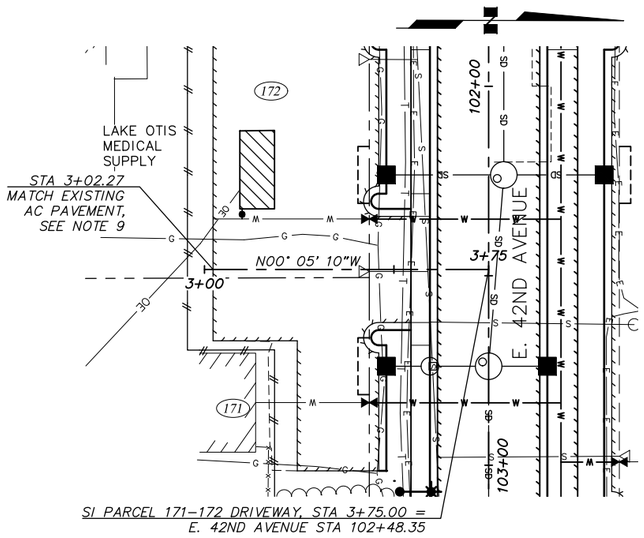
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

DRIVEWAY PLAN & PROFILE

PARCEL 101 WEST & 172

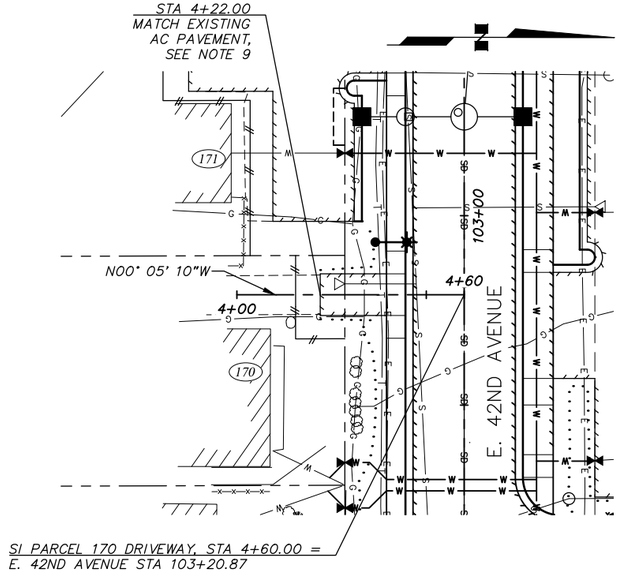
SCALE HOR. 1"=20' VER. 1"=2' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R10 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Plan & Profile_Phase 1.dwg



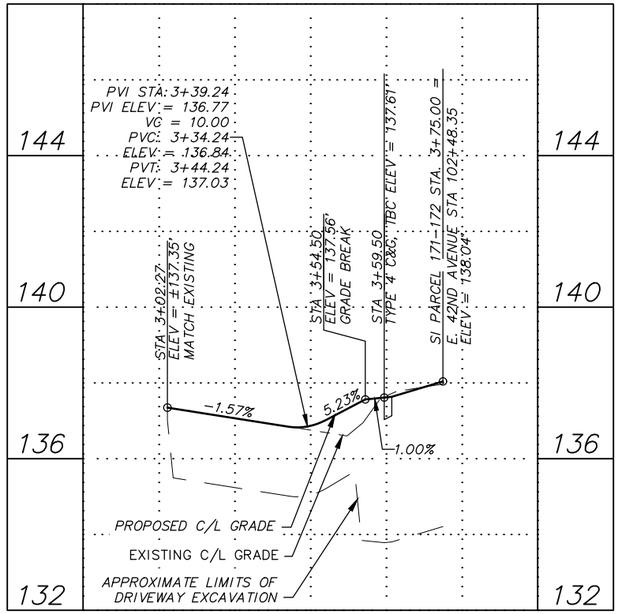
1 PARCEL 171-172 DRIVEWAY

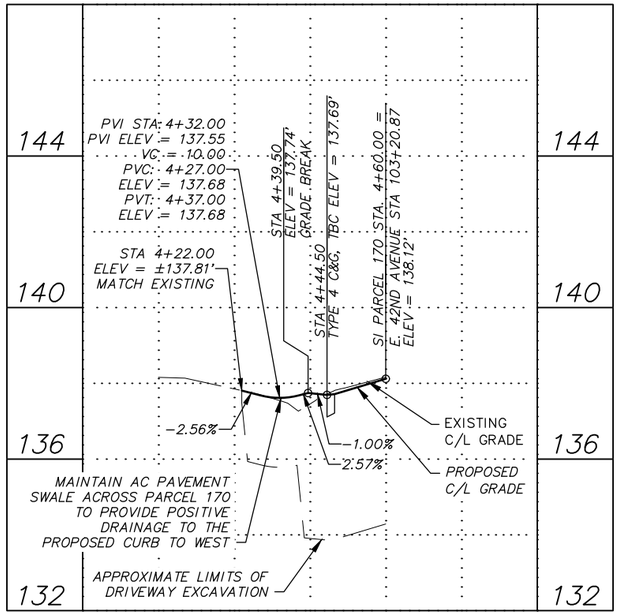
SCALE: GRAPHIC



2 PARCEL 170 DRIVEWAY

SCALE: GRAPHIC





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7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
8. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.
9. SEE SHEET R22 FOR PARCEL 170-172 DRIVEWAY RECONSTRUCTION PLAN.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Robert W. Burdick
CE-123959
5/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

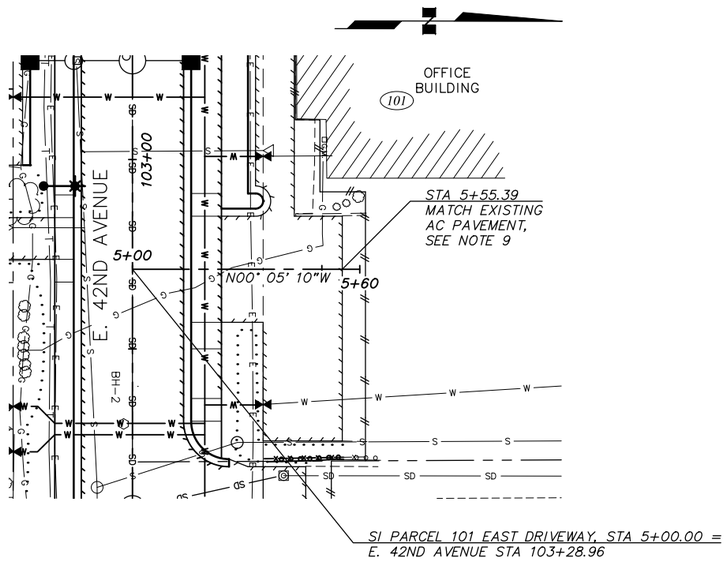
DRIVEWAY PLAN & PROFILE

PARCEL 170-172

SCALE HOR. 1"=20'
VER. 1"=2'

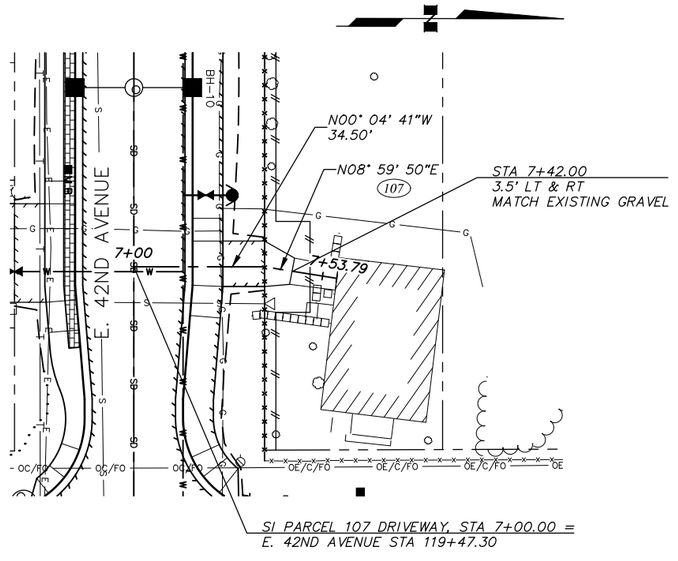
GRID SW1733, SW1734, SW1735
DATE MARCH 2024 STATUS FINAL
SHEET R11 of R28

File:J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Plan & Profile_Phase 1.dwg



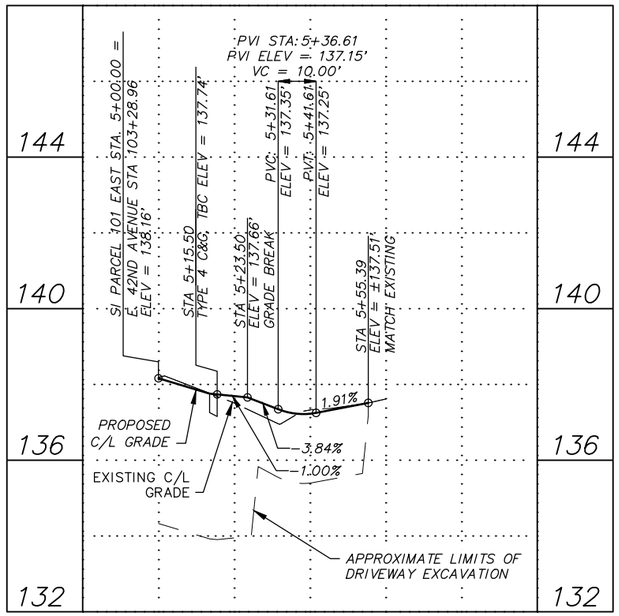
1 PARCEL 101 EAST DRIVEWAY

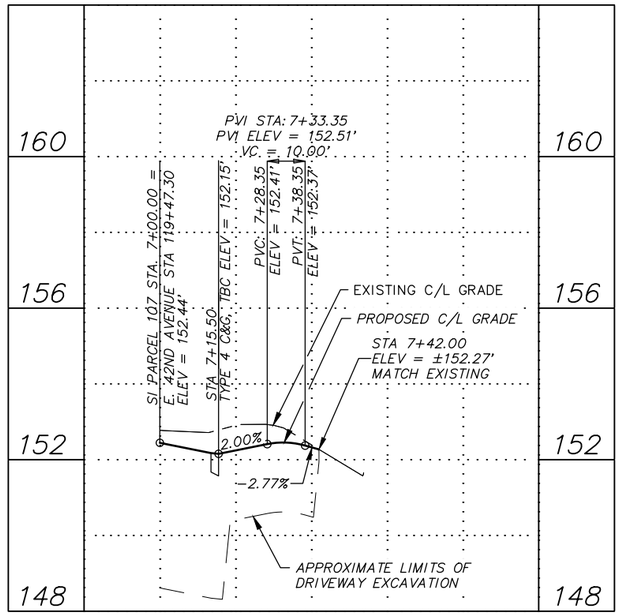
SCALE: GRAPHIC



2 PARCEL 107 DRIVEWAY

SCALE: GRAPHIC





NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
4. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
5. SEE WATER (W) SHEETS FOR LOCATIONS AND ELEVATIONS OF WATER PIPES, VALVES, & HYDRANTS.
6. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
8. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.
9. SEE SHEET R24 FOR PARCEL 101 EAST DRIVEWAY RECONSTRUCTION PLAN.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

SEAL

STATE OF ALASKA 49TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

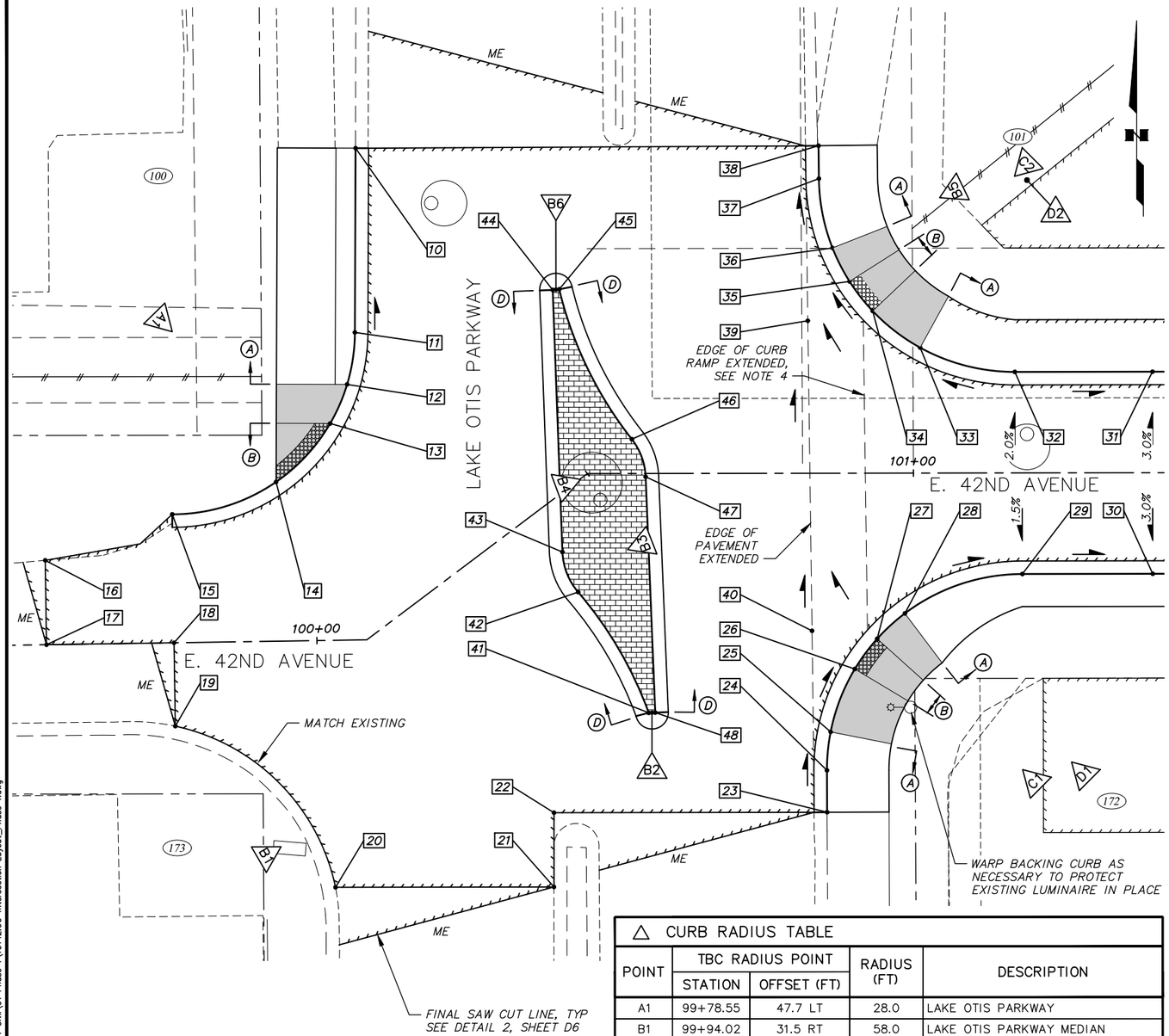
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

DRIVEWAY PLAN & PROFILE

PARCEL 107 & 169

SCALE HOR. 1"=20' VER. 1"=2' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R12 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Plan & Profile_Phase 1.dwg



☐ POINT SUMMARY – E. 42ND AVENUE AT LAKE OTIS PARKWAY

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
10	N: 327673.15	E: 356601.99	137.79±	1	137.39±	–	28.26	1.66%	TBC, MATCH EXISTING
11	N: 327644.89	E: 356601.88	138.26	1	137.86	–	8.66	1.62%	PC
12	N: 327636.91	E: 356600.69	138.40	1	138.00	–	7.01	1.71%	BEGIN RAMP
13	N: 327630.92	E: 356598.09	138.10	1A	138.12	–	13.20	1.67%	END RAMP, BEGIN LANDING
14	N: 327621.95	E: 356589.80	138.32	1A	138.34	–	18.14	1.65%	END LANDING
15	99+78.12	19.7 LT	138.62	1A	138.64	–	–	–	PT
16	99+58.53	12.9 LT	–	–	–	137.92±	–	–	EOP, MATCH EXISTING
17	99+58.53	CL	–	–	–	138.00±	–	–	EOP, MATCH EXISTING
18	99+78.09	CL	–	–	–	138.62±	–	–	EOP, MATCH EXISTING
19	99+78.09	12.8 RT	–	–	–	138.81±	–	–	EOP, MATCH EXISTING
20	100+02.28	37.9 RT	–	–	–	140.32±	–	–	EOP, MATCH EXISTING
21	100+07.74	47.5 RT	–	–	–	141.17±	–	–	EOP, MATCH EXISTING
22	100+14.61	38.5 RT	–	–	–	140.78±	–	–	EOP, MATCH EXISTING
23	100+86.69	52.0 RT	140.59±	1	140.19±	–	6.43	−2.80%	TBC, MATCH EXISTING
24	100+86.67	45.6 RT	140.41	1	140.01	–	6.33	−2.69%	PC
25	100+87.24	39.7 RT	140.24	1	139.84	–	11.08	−2.80%	BEGIN RAMP
26	100+90.97	30.0 RT	139.51	1A	139.53	–	6.15	−1.46%	END RAMP, BEGIN LANDING
27	100+94.40	25.4 RT	139.42	1A	139.44	–	6.15	−2.93%	END LANDING, BEGIN RAMP
28	100+98.65	21.5 RT	139.66	1	139.26	–	20.62	−3.01%	END RAMP
29	101+16.67	15.5 RT	139.04	1	138.64	–	20.00	−1.35%	PT, END 1.5% CROSS SLOPE
30	101+36.67	15.5 RT	138.77	1	138.37	–	–	–	TBC, BEGIN 3% CROSS SLOPE
31	101+36.67	15.5 LT	138.77	1	138.37	–	21.10	0.95%	TBC, END 3% CROSS SLOPE
32	101+15.57	15.5 LT	138.97	1	138.57	–	16.16	−2.17%	PC, BEGIN 2% CROSS SLOPE
33	101+01.06	19.2 LT	138.62	1	138.22	–	9.85	−2.13%	BEGIN RAMP
34	100+93.79	24.9 LT	137.99	1A	138.01	–	6.15	−1.63%	END RAMP, BEGIN LANDING
35	100+90.25	29.4 LT	137.89	1A	137.91	–	6.15	−1.95%	END LANDING, BEGIN RAMP
36	100+87.64	34.6 LT	138.19	1	137.79	–	11.51	−1.91%	END RAMP
37	100+85.57	45.2 LT	137.97	1	137.57	–	5.05	−1.78%	PT
38	100+85.52	50.2 LT	137.88±	1	137.48±	–	–	–	TBC, MATCH EXISTING
39	100+83.84	23.4 LT	–	–	–	137.95	–	–	EDGE OF PAVEMENT EXTENDED
40	100+84.41	24.2 RT	–	–	–	139.37	–	–	EDGE OF PAVEMENT EXTENDED
41	100+35.43	35.0 RT	140.99	6	140.39	–	20.66	−2.57%	PC
42	100+37.93	13.7 RT	140.46	6	139.86	–	8.06	−2.48%	PRC
43	100+39.71	7.3 RT	140.26	6	139.66	–	40.22	−2.56%	PT
44	100+50.00	28.7 LT	139.23	6	138.63	–	–	–	TBC
45	100+50.00	28.6 LT	139.24	6	138.64	–	24.79	0.89%	PC
46	100+56.82	5.3 LT	139.46	6	138.86	–	7.50	3.20%	PRC
47	100+58.94	0.5 RT	139.70	6	139.10	–	36.20	3.51%	PT
48	100+36.25	35.5 RT	140.97	6	140.37	–	–	–	TBC

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	99+78.55	47.7 LT	28.0	LAKE OTIS PARKWAY
B1	99+94.02	31.5 RT	58.0	LAKE OTIS PARKWAY MEDIAN
B2	100+35.84	35.2 RT	2.5	LAKE OTIS PARKWAY MEDIAN (LOC)
B3	100+56.16	11.7 RT	10.0	LAKE OTIS PARKWAY MEDIAN
B4	100+48.62	0.1 LT	10.0	LAKE OTIS PARKWAY MEDIAN
B5	101+04.08	42.2 LT	60.0	LAKE OTIS PARKWAY MEDIAN
B6	N: 327651.45	E: 356632.72	2.5	LAKE OTIS PARKWAY MEDIAN (LOC)
C1	101+16.67	45.5 RT	30.0	E. 42ND AVENUE
C2	101+15.57	45.5 LT	30.0	E. 42ND AVENUE

△ SIDEWALK RADIUS TABLE

POINT	BOS RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
D1	101+24.18	44.3 RT	25.0	LAKE OTIS PARKWAY
D2	101+17.48	44.9 LT	21.5	LAKE OTIS PARKWAY

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *THE MAXIMUM CROSS–SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS–SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.*
5. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
6. *SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.*
7. *LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.*

LEGEND

- *APPROXIMATE DIRECTION OF DRAINAGE FLOWS*
- *PCC CURB RAMP*
- *COLORED CONCRETE (RED, 4" THICK, IMPRINTED)*
- *DETECTABLE WARNING PANEL*

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(D)	TYPE 6 CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA — 49TH — Robert W. Burdick CE-12959 3/27/24 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

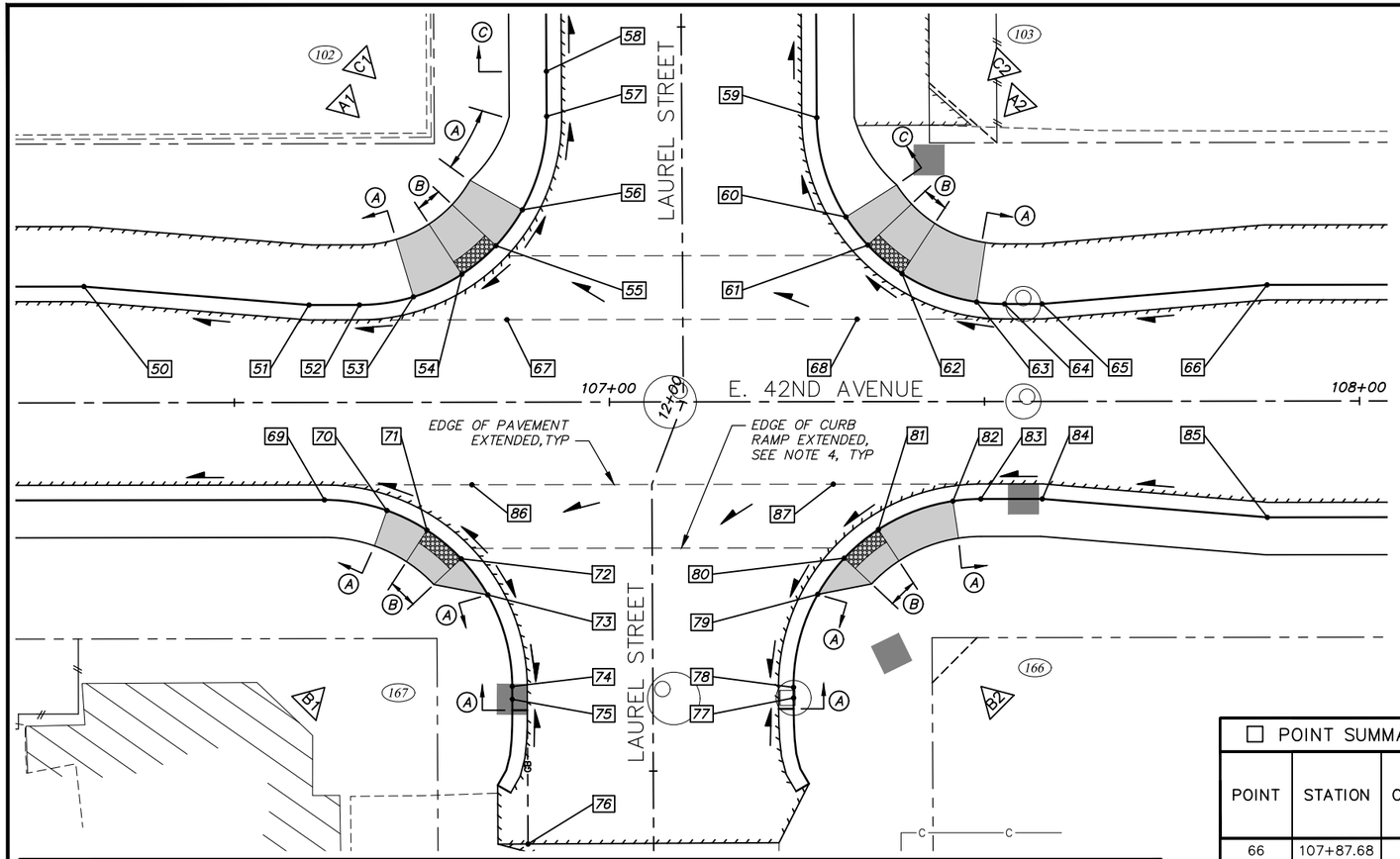
18–06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

INTERSECTION LAYOUT

LAKE OTIS PARKWAY

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R13 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg



NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

△ SIDEWALK RADIUS TABLE

POINT	BOS RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
C1	106+68.91	43.2 LT	18.5	LAUREL STREET
C2	107+50.52	42.8 LT	18.5	LAUREL STREET

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	106+66.69	38.0 LT	25.0	LAUREL STREET
A2	107+52.68	38.0 LT	25.0	LAUREL STREET
B1	106+61.98	38.0 RT	25.0	LAUREL STREET
B2	107+49.49	38.0 RT	25.0	LAUREL STREET

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- DETECTABLE WARNING PANEL
- —GB— GRADE BREAK

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB

☐ POINT SUMMARY – E. 42ND AVENUE AT LAUREL STREET

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
50	106+29.96	15.5 LT	144.03	1	143.63	–	30.10	2.43%	NECKDOWN ANGLE POINT
51	106+59.96	13.0 LT	144.76	1	144.36	–	6.81	2.26%	NECKDOWN ANGLE POINT
52	106+66.69	13.0 LT	144.91	1	144.51	–	7.89	1.58%	PC
53	106+73.89	14.1 LT	145.04	1	144.64	–	7.71	1.58%	BEGIN RAMP
54	106+80.34	17.1 LT	144.74	1A	144.76	–	6.43	1.58%	END RAMP, BEGIN LANDING
55	106+84.90	20.9 LT	144.84	1A	144.86	–	6.43	−1.94%	END LANDING, BEGIN RAMP
56	106+88.42	25.6 LT	145.14	1	144.74	–	14.07	−1.94%	END RAMP
57	106+91.69	38.1 LT	144.86	1	144.46	–	6.00	−2.23%	PT, BEGIN CURB TRANSITION
58	106+91.66	44.1 LT	144.50	2	144.33	–	–	–	END CURB TRANSITION
59	107+27.69	37.9 LT	144.64	2	144.47	–	15.12	7.18%	PC, BEGIN CURB TRANSITION
60	107+31.56	24.6 LT	145.73	2	145.56	–	5.14	7.18%	END CURB TRANSITION, BEGIN RAMP
61	107+34.48	20.9 LT	145.91	1A	145.93	–	6.43	1.76%	END RAMP, BEGIN LANDING
62	107+39.03	17.1 LT	146.02	1A	146.04	–	11.57	2.71%	END LANDING, BEGIN RAMP
63	107+48.97	13.3 LT	146.75	1	146.35	–	4.03	2.71%	END RAMP
64	107+52.68	13.0 LT	146.86	1	146.46	–	5.08	2.27%	PT, BEGIN CURB TRANSITION
65	107+57.68	13.0 LT	146.98	1	146.58	–	30.10	2.82%	NECKDOWN ANGLE POINT

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

☐ POINT SUMMARY – E. 42ND AVENUE AT LAUREL STREET

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
66	107+87.68	15.5 LT	147.83	1	147.43	–	–	–	NECKDOWN ANGLE POINT
67	106+86.35	11.0 LT	–	–	–	144.96	–	–	EDGE OF PAVEMENT EXTENDED
68	107+33.02	11.0 LT	–	–	–	146.02	–	–	EDGE OF PAVEMENT EXTENDED
69	106+61.98	13.0 RT	144.80	1	144.40	–	9.17	1.85%	PC
70	106+70.31	14.4 RT	144.97	1	144.57	–	6.43	1.87%	BEGIN RAMP
71	106+75.64	17.1 RT	144.67	1A	144.69	–	6.43	1.87%	END RAMP, BEGIN LANDING
72	106+80.19	20.9 RT	144.79	1A	144.81	–	6.48	−0.93%	END LANDING, BEGIN FLARE
73	106+83.74	25.7 RT	145.15	1	144.75	–	13.81	−0.87%	END FLARE
74	106+86.98	37.9 RT	145.03	1	144.63	–	1.71	–	PT
75	106+86.99	39.6 RT	145.03	1	144.63	–	–	–	CATCH BASIN
76	106+89.05	58.9 RT	–	–	–	145.19	–	–	GRADE BREAK
77	107+24.49	39.5 RT	145.03	1	144.63	–	1.40	–	CATCH BASIN MANHOLE
78	107+24.49	38.1 RT	145.03	1	144.63	–	14.00	6.07%	PC
79	107+27.73	25.7 RT	145.88	1	145.48	–	6.48	6.02%	BEGIN FLARE
80	107+31.28	20.9 RT	145.85	1A	145.87	–	6.43	1.56%	END FLARE, BEGIN LANDING
81	107+35.83	17.1 RT	145.95	1A	145.97	–	11.57	2.68%	END LANDING, BEGIN RAMP
82	107+45.77	13.3 RT	146.68	1	146.28	–	4.03	2.73%	END RAMP
83	107+49.49	13.0 RT	146.79	1	146.39	–	8.28	2.29%	PT
84	107+57.68	13.0 RT	146.98	1	146.58	–	30.10	2.82%	NECKDOWN ANGLE POINT
85	107+87.68	15.5 RT	147.83	1	147.43	–	–	–	NECKDOWN ANGLE POINT
86	106+81.65	11.0 RT	–	–	–	144.85	–	–	EDGE OF PAVEMENT EXTENDED
87	107+29.82	11.0 RT	–	–	–	145.94	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
(AECL882-AK

CONSULTANT

STATE OF ALASKA 49TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

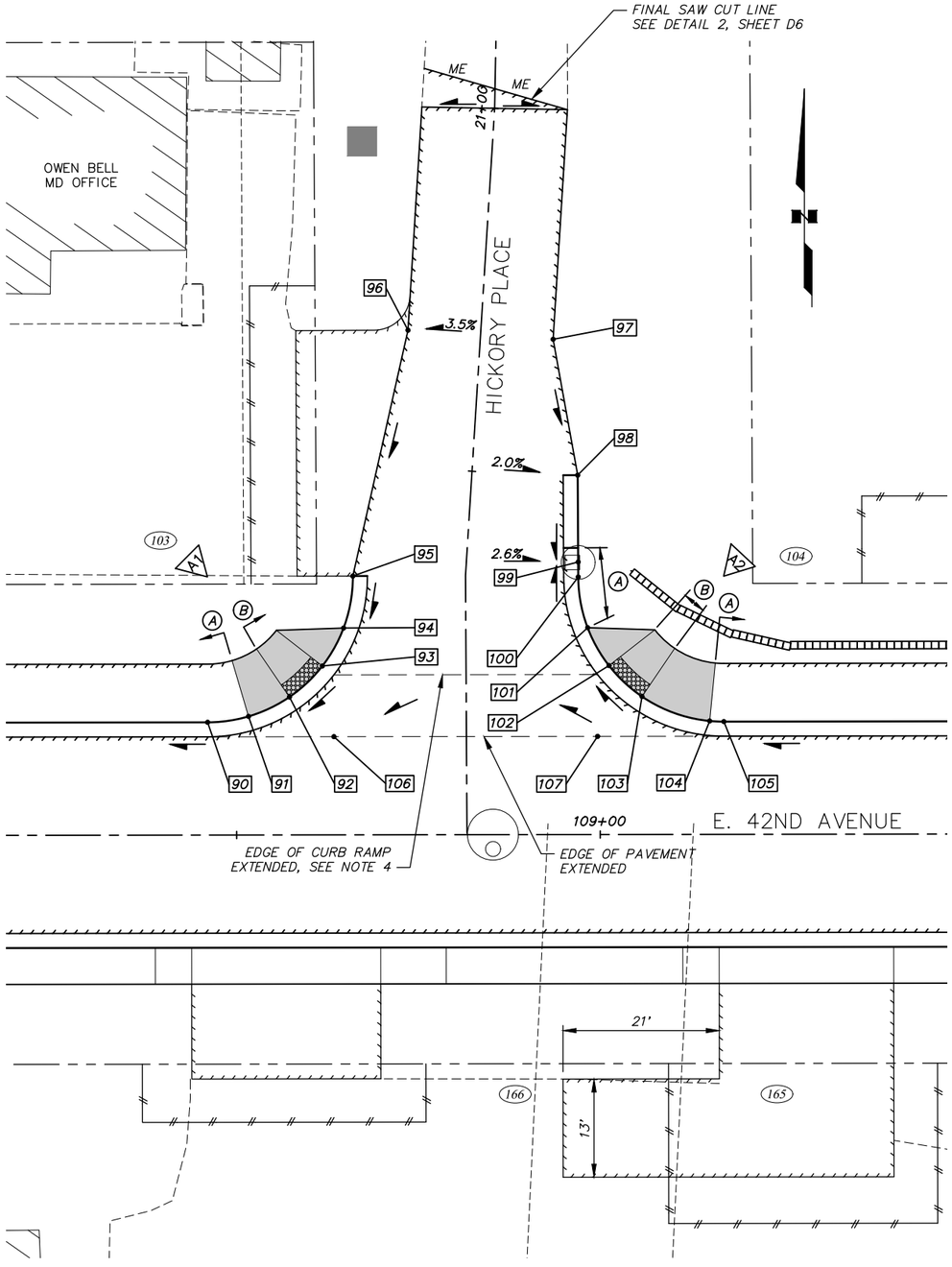
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

INTERSECTION LAYOUT

LAUREL STREET

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R14 of R28

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg



NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

☐ POINT SUMMARY – E. 42ND AVENUE AT HICKORY PLACE

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
90	108+46.03	15.5 LT	149.58	1	149.18	–	6.27	3.19%	PC
91	108+51.66	16.3 LT	149.78	1	149.38	–	6.88	3.05%	BEGIN RAMP
92	108+57.28	19.0 LT	149.57	1A	149.59	–	6.88	1.60%	END RAMP, BEGIN LANDING
93	108+61.82	23.2 LT	149.68	1A	149.70	–	6.60	3.79%	END LANDING, BEGIN FLARE
94	108+64.74	28.4 LT	149.93	1A	149.95	–	8.03	3.74%	END FLARE
95	108+66.03	35.6 LT	150.23	1A	150.25	–	–	–	PT
96	108+73.66	69.4 LT	–	–	–	150.80	–	–	PI
97	108+93.62	68.1 LT	–	–	–	150.95	–	–	PI
98	108+96.97	49.4 LT	150.55	–	150.55	–	12.00	-2.75%	BEGIN CURB TRANSITION
99	108+97.02	37.5 LT	150.62	1	150.22	–	2.00	1.50%	CATCH BASIN MANHOLE
100	108+97.03	35.4 LT	150.65	1	150.25	–	7.84	1.28%	PC
101	108+98.32	28.4 LT	150.75	1	150.35	–	6.60	1.21%	BEGIN FLARE
102	109+01.24	23.2 LT	150.41	1A	150.43	–	6.88	1.74%	END FLARE, BEGIN LANDING
103	109+05.78	19.0 LT	150.53	1A	150.55	–	11.00	2.27%	END LANDING, BEGIN RAMP
104	109+15.08	15.6 LT	151.20	1	150.80	–	2.15	2.33%	END RAMP
105	109+17.03	15.5 LT	151.25	1	150.85	–	–	–	PT
106	108+63.40	13.5 LT	–	–	–	149.65	–	–	EDGE OF PAVEMENT EXTENDED
107	108+99.66	13.5 LT	–	–	–	150.50	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	108+46.03	35.5 LT	20.0	HICKORY PLACE
A2	109+17.03	35.5 LT	20.0	HICKORY PLACE

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- DETECTABLE WARNING PANEL

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

INTERSECTION LAYOUT

HICKORY PLACE

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R15 of R28

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☐ POINT SUMMARY – E. 42ND AVENUE AT FOLKER STREET

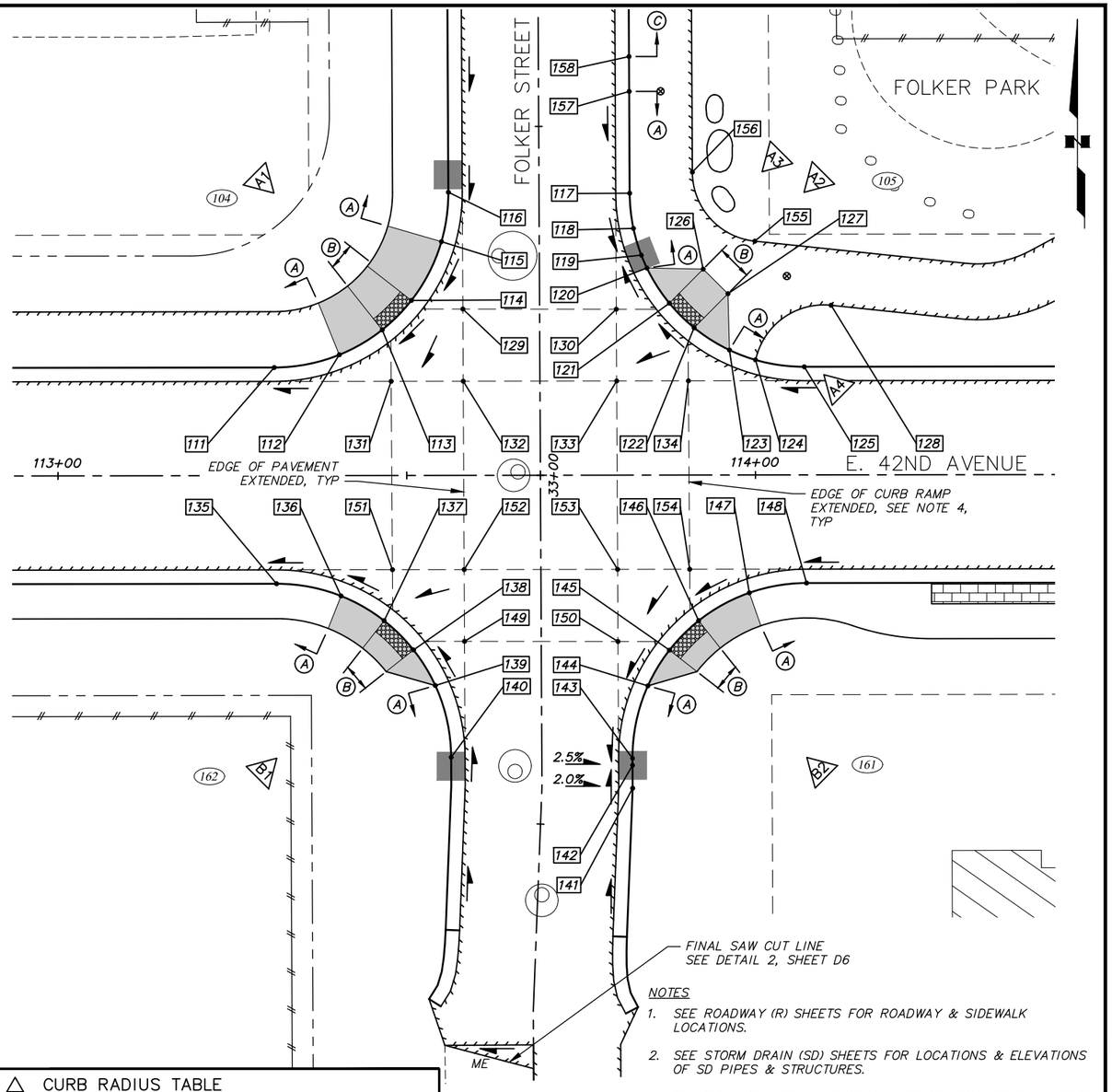
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
111	113+31.02	15.5 LT	151.66	1	151.26	–	10.33	1.45%	PC
112	113+40.35	17.3 LT	151.81	1	151.41		7.71	1.43%	BEGIN RAMP
113	113+46.51	20.9 LT	151.50	1A	151.52	–	6.43	1.40%	END RAMP, BEGIN LANDING
114	113+50.70	25.1 LT	151.59	1A	151.61	–	10.29	2.04%	END LANDING, BEGIN RAMP
115	113+55.02	33.5 LT	152.22	1	151.82	–	7.75	2.06%	END RAMP
116	113+56.02	40.6 LT	152.38	1	151.98	–	–	–	PT
117	113+82.02	40.4 LT	152.38	1	151.98	–	5.49	−3.28%	PC
118	113+82.55	35.4 LT	152.20	1	151.80	–	4.32	−3.24%	TBC
119	113+83.69	31.5 LT	152.06	1	151.66	–	2.16	0.93%	CATCH BASIN
120	113+84.48	29.7 LT	152.08	1	151.68	–	6.48	0.77%	BEGIN FLARE
121	113+87.69	24.6 LT	151.71	1A	151.73	–	5.41	0.55%	END FLARE, BEGIN RAMP
122	113+91.23	21.1 LT	151.74	1A	151.76	–	6.48	0.62%	END RAMP, BEGIN FLARE
123	113+96.29	17.9 LT	152.20	1	151.80	–	4.32	0.69%	END FLARE
124	114+00.03	16.5 LT	152.23	1	151.83	–	7.65	0.52%	TBC, PATHWAY PC
125	114+07.02	15.5 LT	152.27	1	151.87	–	–	–	PT
126	113+92.54	29.5 LT	–	–	–	152.19	–	–	BACK OF RAMP, EDGE OF PATHWAY
127	113+96.09	26.0 LT	–	–	–	152.23	–	–	BACK OF RAMP, EDGE OF PATHWAY
128	114+10.88	24.3 LT	–	–	–	152.53	–	–	PATHWAY PT
129	113+58.08	23.8 LT	–	–	–	151.67	–	–	EDGE OF CURB RAMP EXTENDED
130	113+80.08	23.8 LT	–	–	–	151.74	–	–	EDGE OF CURB RAMP EXTENDED
131	113+47.78	13.5 LT	–	–	–	151.40	–	–	EDGE OF PAVEMENT EXTENDED
132	113+58.12	13.5 LT	–	–	–	151.48	–	–	EDGE OF PAVEMENT EXTENDED
133	113+80.12	13.5 LT	–	–	–	151.66	–	–	EDGE OF PAVEMENT EXTENDED
134	113+90.40	13.5 LT	–	–	–	151.74	–	–	EDGE OF PAVEMENT EXTENDED
135	113+31.31	15.5 RT	151.67	1	151.27	–	10.23	0.88%	PC
136	113+40.56	17.3 RT	151.76	1	151.36	–	7.71	1.04%	BEGIN RAMP
137	113+46.73	20.8 RT	151.42	1A	151.44	–	6.43	0.62%	END RAMP, BEGIN LANDING
138	113+50.94	25.0 RT	151.46	1A	151.48	–	6.48	0.77%	END LANDING, BEGIN FLARE
139	113+54.06	30.1 RT	151.93	1	151.53	–	11.46	0.79%	END FLARE
140	113+56.31	40.4 RT	152.02	1	151.62	–	–	–	PT
141	113+82.33	44.9 RT	152.06	1	151.66	–	3.24	−2.47%	TBC, END 2% CROSS SLOPE
142	113+82.32	41.6 RT	151.98	1	151.58	–	1.00	1.00%	CATCH BASIN
143	113+82.31	40.6 RT	151.99	1	151.59	–	11.56	0.78%	PC
144	113+84.53	30.2 RT	152.08	1	151.68	–	6.48	0.77%	BEGIN FLARE
145	113+87.63	25.1 RT	151.71	1A	151.73	–	6.43	0.62%	END FLARE, BEGIN LANDING
146	113+91.83	20.9 RT	151.75	1A	151.77	–	9.00	0.56%	END LANDING, BEGIN RAMP
147	113+99.10	16.9 RT	152.22	1	151.82	–	9.04	0.55%	END RAMP
148	114+07.31	15.5 RT	152.27	1	151.87	–	–	–	PT
149	113+58.25	23.8 RT	–	–	–	151.55	–	–	EDGE OF CURB RAMP EXTENDED
150	113+80.25	23.8 RT	–	–	–	151.71	–	–	EDGE OF CURB RAMP EXTENDED
151	113+47.93	13.5 RT	–	–	–	151.40	–	–	EDGE OF PAVEMENT EXTENDED
152	113+58.22	13.5 RT	–	–	–	151.48	–	–	EDGE OF PAVEMENT EXTENDED
153	113+80.22	13.5 RT	–	–	–	151.66	–	–	EDGE OF PAVEMENT EXTENDED
154	113+90.55	13.5 RT	–	–	–	151.74	–	–	EDGE OF PAVEMENT EXTENDED
155	113+99.95	33.5 LT	–	–	–	152.26	–	–	BACK OF PATHWAY PC
156	113+91.01	43.4 LT	–	–	–	152.60	–	–	BACK OF PATHWAY PT
157	113+81.97	55.0 LT	152.82	1	152.42	–	5.00	3.15%	BEGIN CURB TRANSITION
158	113+81.95	60.0 LT	152.74	2	152.57	–	–	–	END CURB TRANSITION

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, 4" THICK, IMPRINTED)
- DETECTABLE WARNING PANEL



△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	113+31.02	40.5 LT	25.0	FOLKER STREET
A2	114+07.02	40.5 LT	25.0	FOLKER STREET
A3	114+01.01	43.5 LT	10.0	PATHWAY
A4	114+09.82	14.4 LT	10.0	PATHWAY
B1	113+31.31	40.5 RT	25.0	FOLKER STREET
B2	114+07.31	40.5 RT	25.0	FOLKER STREET

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

RECORD DRAWING

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   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

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49 TH
Robert W. Burdick
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3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

INTERSECTION LAYOUT

FOLKER STREET

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R16 of R28

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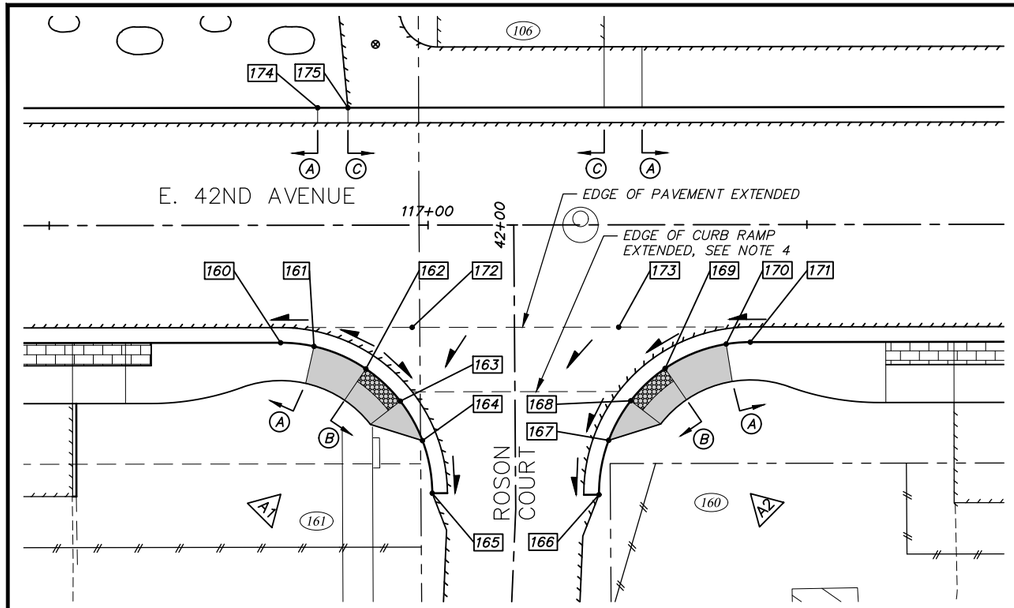
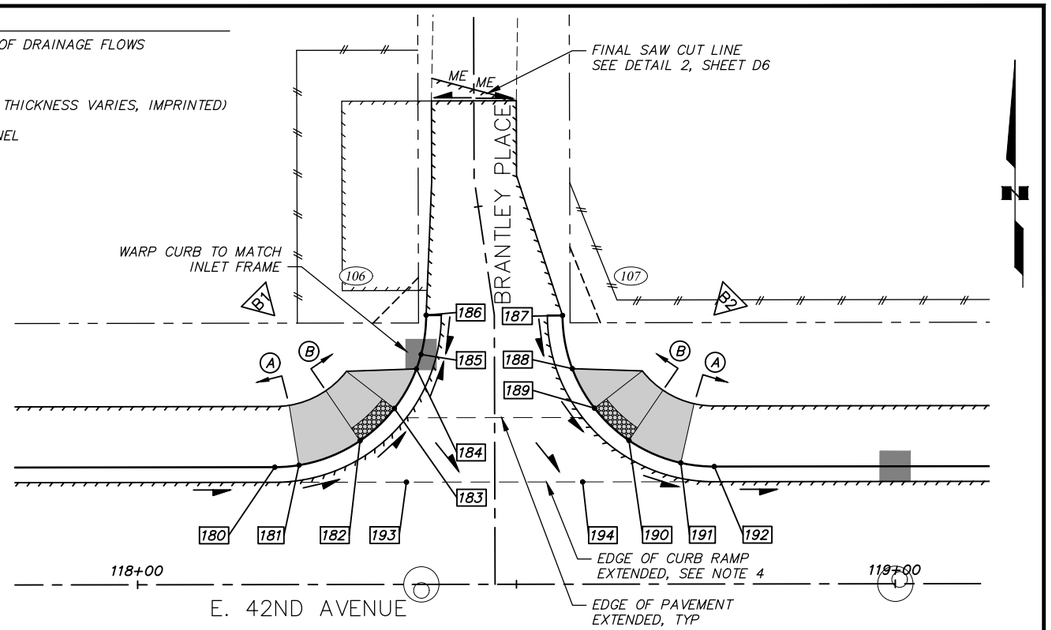
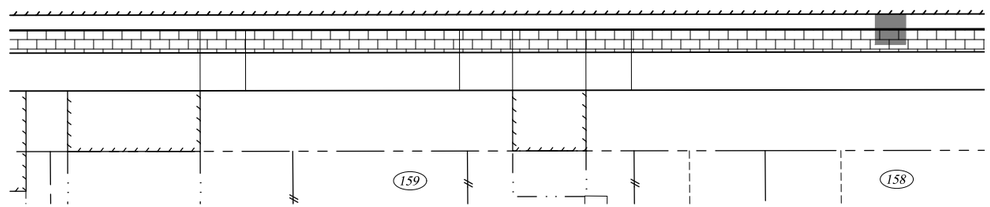


LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, THICKNESS VARIES, IMPRINTED)
- DETECTABLE WARNING PANEL

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB





☐ POINT SUMMARY – E. 42ND AVENUE AT ROSON COURT

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
160	116+80.51	15.5 RT	152.84	1	152.44	–	4.90	0.82%	PC
161	116+84.93	16.0 RT	152.88	1	152.48	–	8.25	0.73%	BEGIN RAMP
162	116+91.76	19.0 RT	152.52	1A	152.54	–	6.87	–1.89%	END RAMP, BEGIN LANDING
163	116+96.30	23.2 RT	152.39	1A	152.41	–	6.60	–3.64%	END LANDING, BEGIN FLARE
164	116+99.22	28.4 RT	152.15	1A	152.17	–	7.81	–3.59%	END FLARE
165	117+00.51	35.4 RT	151.87	1A	151.89	–	–	–	PT
166	117+22.51	35.6 RT	151.86	1A	151.88	–	8.06	4.96%	PC
167	117+23.80	28.4 RT	152.26	1A	152.28	–	6.60	5.00%	BEGIN FLARE
168	117+26.72	23.2 RT	152.59	1A	152.61	–	6.87	1.16%	END FLARE, BEGIN LANDING
169	117+31.26	19.0 RT	152.67	1A	152.69	–	9.62	0.94%	END LANDING, BEGIN RAMP
170	117+39.32	15.8 RT	153.18	1	152.78	–	3.52	1.14%	END RAMP
171	117+42.51	15.5 RT	153.22	1	152.82	–	–	–	PT
172	116+97.88	13.5 RT	–	–	–	152.55	–	–	EDGE OF PAVEMENT EXTENDED
173	117+25.14	13.5 RT	–	–	–	152.73	–	–	EDGE OF PAVEMENT EXTENDED
174	116+85.45	15.5 LT	152.87	1	152.47	–	4.00	0.65%	BEGIN CURB TRANSITION
175	116+89.45	15.5 LT	152.67	2	152.50	–		–	END CURB TRANSITION

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	116+80.51	35.5 RT	20.0	ROSON COURT
A2	117+42.51	35.5 RT	20.0	ROSON COURT
B1	118+18.12	35.5 LT	20.0	BRANTLEY PLACE
B2	118+76.12	35.5 LT	20.0	BRANTLEY PLACE

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *THE MAXIMUM CROSS–SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS–SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.*
5. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
6. *SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.*
7. *LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.*

☐ POINT SUMMARY – E. 42ND AVENUE AT BRANTLEY PLACE

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
180	118+18.12	15.5 LT	152.67	1	152.27	–	3.52	–0.85%	PC
181	118+21.31	15.8 LT	152.64	1	152.24	–	9.62	–1.04%	BEGIN RAMP
182	118+29.38	19.0 LT	152.12	1A	152.14	–	6.87	–0.73%	END RAMP, BEGIN LANDING
183	118+33.91	23.2 LT	152.07	1A	152.09	–	6.60	–0.76%	END LANDING, BEGIN FLARE
184	118+36.84	28.4 LT	152.02	1A	152.04	–	2.20	–0.91%	END FLARE
185	118+37.45	30.3 LT	152.00	1A	152.02	–	5.77	7.97%	CATCH BASIN
186	118+38.12	35.5 LT	152.46	1A	152.48	–	–	–	PT
187	118+56.12	35.5 LT	152.46	1A	152.48	–	7.90	–2.66%	PC
188	118+57.41	28.4 LT	152.25	1A	152.27	–	6.60	–2.73%	BEGIN FLARE
189	118+60.33	23.2 LT	152.07	1A	152.09	–	6.88	–1.60%	END FLARE, BEGIN LANDING
190	118+64.87	19.0 LT	151.96	1A	151.98	–	8.25	–1.33%	END LANDING, BEGIN RAMP
191	118+71.71	16.0 LT	152.27	1	151.87	–	4.90	–1.22%	END RAMP
192	118+76.12	15.5 LT	152.21	1	151.81	–	–	–	PT
193	118+35.49	13.5 LT	–	–	–	152.13	–	–	EDGE OF PAVEMENT EXTENDED
194	118+58.75	13.5 LT	–	–	–	151.95±	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA — 49 TH — Robert W. Burdick — CE-12969 — 3/27/24 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

INTERSECTION LAYOUT

ROSON COURT & BRANTLEY PLACE

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R17 of R28

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg

☐ POINT SUMMARY – E. 42ND AVENUE AT WRIGHT STREET

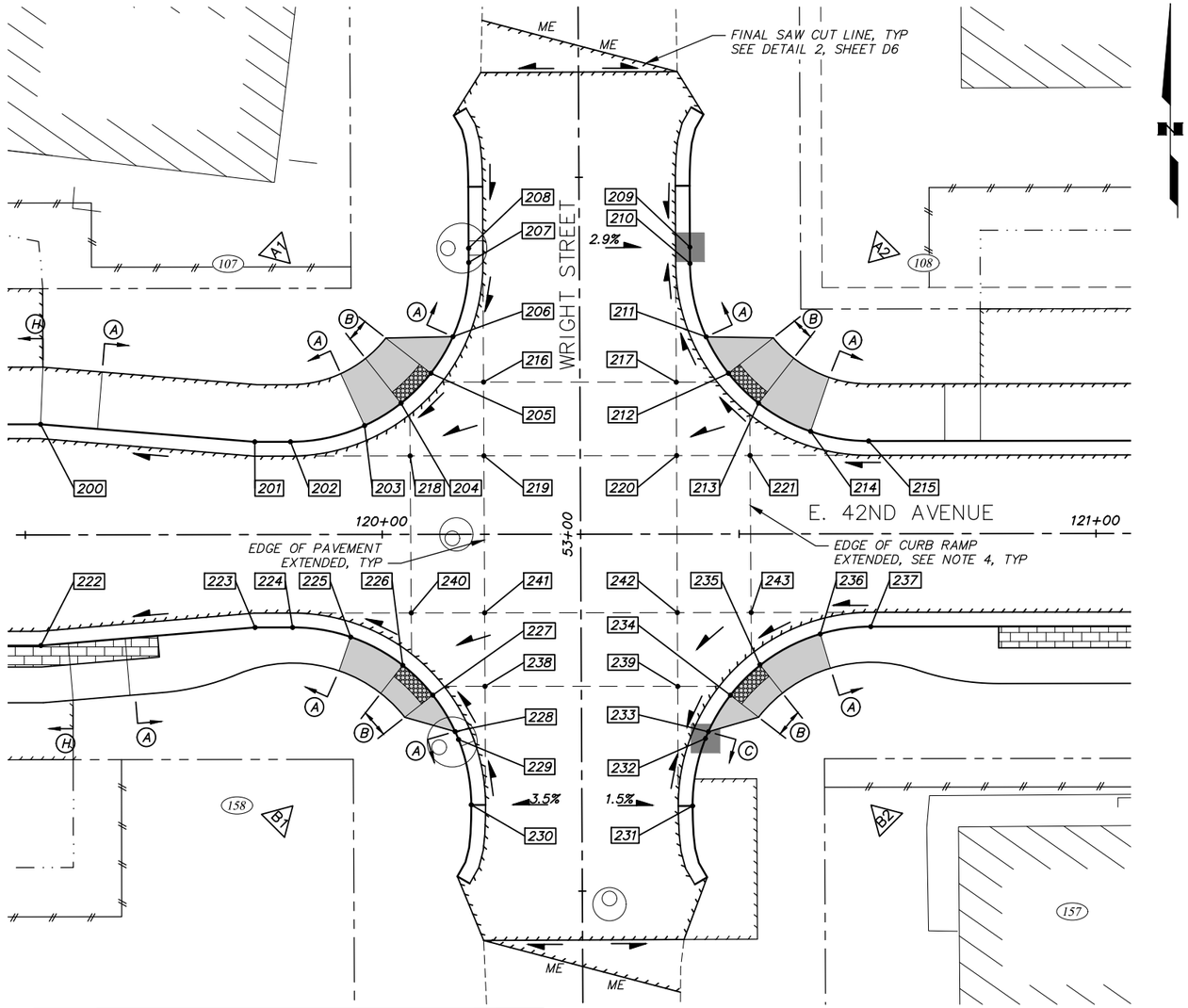
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
200	119+52.17	15.5 LT	152.23	4	152.25	–	30.10	1.76%	NECKDOWN ANGLE POINT
201	119+82.17	13.0 LT	153.18	1	152.78	–	5.08	1.57%	NECKDOWN ANGLE POINT
202	119+87.17	13.0 LT	153.26	1	152.86	–	11.56	1.73%	PC
203	119+97.55	15.3 LT	153.46	1	153.06	–	6.48	1.70%	BEGIN RAMP
204	120+02.66	18.4 LT	153.15	1A	153.17	–	6.43	1.40%	END RAMP, BEGIN LANDING
205	120+06.85	22.6 LT	153.24	1A	153.26	–	6.48	3.55%	END LANDING, BEGIN FLARE
206	120+09.95	27.7 LT	153.89	1	153.49	–	11.56	3.46%	END FLARE
207	120+12.17	38.1 LT	154.29	1	153.89	–	2.00	3.50%	PT
208	120+12.16	40.1 LT	154.36	1	153.96	–	–	–	CATCH BASIN MANHOLE
209	120+43.16	40.2 LT	154.23	1	153.83	–	2.28	0.88%	CATCH BASIN
210	120+43.17	37.9 LT	154.25	1	153.85	–	11.47	0.61%	PC
211	120+45.43	27.6 LT	154.32	1	153.92	–	6.48	0.62%	BEGIN FLARE
212	120+48.55	22.5 LT	153.94	1A	153.96	–	6.43	0.62%	END FLARE, BEGIN LANDING
213	120+52.75	18.3 LT	153.98	1A	154.00	–	9.00	0.89%	END LANDING, BEGIN RAMP
214	120+60.04	14.4 LT	154.48	1	154.08	–	8.95	0.89%	END RAMP
215	120+68.17	13.0 LT	154.56	1	154.16	–	–	–	PT
216	120+14.23	21.3 LT	–	–	–	153.40	–	–	EDGE OF CURB RAMP EXTENDED
217	120+41.23	21.3 LT	–	–	–	153.89	–	–	EDGE OF CURB RAMP EXTENDED
218	120+03.93	11.0 LT	–	–	–	153.13	–	–	EDGE OF PAVEMENT EXTENDED
219	120+14.26	11.0 LT	–	–	–	153.30	–	–	EDGE OF PAVEMENT EXTENDED
220	120+41.26	11.0 LT	–	–	–	153.73	–	–	EDGE OF PAVEMENT EXTENDED
221	120+51.55	11.0 LT	–	–	–	153.89	–	–	EDGE OF PAVEMENT EXTENDED
222	119+52.17	15.5 RT	152.23	4	152.25	–	30.10	1.76%	NECKDOWN ANGLE POINT
223	119+82.17	13.0 RT	153.18	1	152.78	–	5.34	1.69%	NECKDOWN ANGLE POINT
224	119+87.43	13.0 RT	153.27	1	152.87	–	8.95	0.67%	PC
225	119+95.56	14.4 RT	153.33	1	152.93	–	9.00	1.67%	BEGIN RAMP
226	120+02.85	18.3 RT	153.06	1A	153.08	–	6.43	−1.09%	END RAMP, BEGIN LANDING
227	120+07.06	22.5 RT	152.99	1A	153.01	–	6.48	−0.93%	END LANDING, BEGIN FLARE
228	120+10.18	27.6 RT	153.35	1	152.95	–	1.31	−1.53%	END FLARE
229	120+10.65	28.7 RT	153.33	1	152.93	–	10.16	0.69%	CATCH BASIN MANHOLE
230	120+12.43	37.9 RT	153.40	1	153.00	–	–	–	PT
231	120+43.43	38.1 RT	153.44	2	153.27	–	10.46	−0.67%	PC
232	120+45.25	28.6 RT	153.37	2	153.20	–	1.10	6.36%	CATCH BASIN
233	120+45.65	27.7 RT	153.44	2	153.27	–	6.48	6.33%	BEGIN FLARE
234	120+48.75	22.6 RT	153.66	1A	153.68	–	6.43	1.56%	END FLARE, BEGIN LANDING
235	120+52.90	18.3 RT	153.76	1A	153.78	–	10.29	2.14%	END LANDING, BEGIN RAMP
236	120+61.35	14.0 RT	154.40	1	154.00	–	7.75	2.06%	END RAMP
237	120+68.43	13.0 RT	154.56	1	154.16	–	–	–	PT
238	120+14.37	21.3 RT	–	–	–	153.14	–	–	EDGE OF CURB RAMP EXTENDED
239	120+41.37	21.3 RT	–	–	–	153.61	–	–	EDGE OF CURB RAMP EXTENDED
240	120+04.05	11.0 RT	–	–	–	153.13	–	–	EDGE OF PAVEMENT EXTENDED
241	120+14.34	11.0 RT	–	–	–	153.30	–	–	EDGE OF PAVEMENT EXTENDED
242	120+41.34	11.0 RT	–	–	–	153.73	–	–	EDGE OF PAVEMENT EXTENDED
243	120+51.67	11.0 RT	–	–	–	153.89	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB
(H)	TYPE 4 CURB

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, 4" THICK, IMPRINTED)
- DETECTABLE WARNING PANEL



△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	119+87.17	38.0 LT	25.0	WRIGHT STREET
A2	120+68.17	38.0 LT	25.0	WRIGHT STREET
B1	119+87.43	38.0 RT	25.0	WRIGHT STREET
B2	120+68.43	38.0 RT	25.0	WRIGHT STREET

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 20 10 0 10 20

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

SEAL

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
5/27/24
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

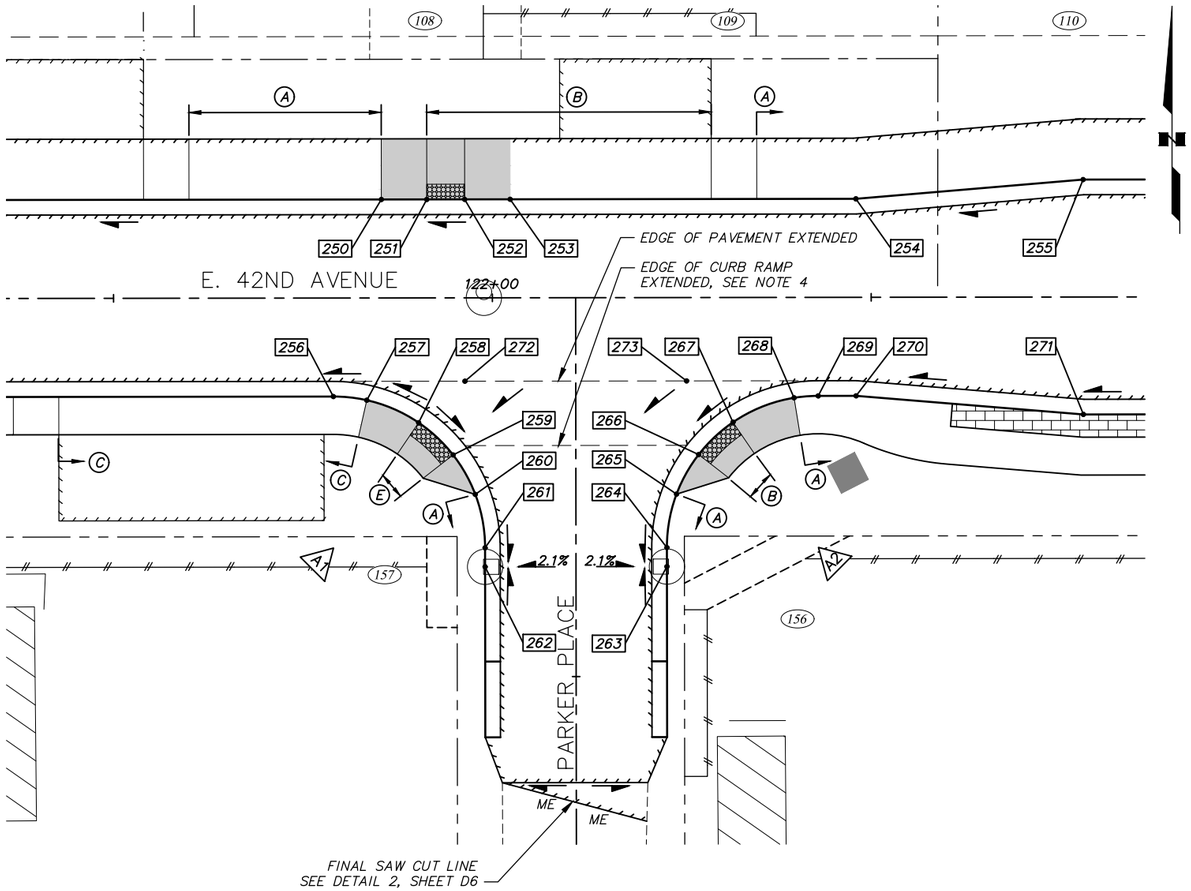
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

INTERSECTION LAYOUT

WRIGHT STREET

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R18 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg



☐ POINT SUMMARY – E. 42ND AVENUE AT PARKER PLACE

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
250	121+85.36	13.0 LT	155.45	1	155.05	–	6.00	0.67%	BEGIN RAMP
251	121+91.36	13.0 LT	155.07	1A	155.09	–	5.00	0.80%	END RAMP, BEGIN LANDING
252	121+96.36	13.0 LT	155.11	1A	155.13	–	6.00	0.67%	END DETECTABLE WARNING
253	122+02.36	13.0 LT	155.15	1A	155.17	–	–	–	END PCC CURB RAMP
254	122+47.99	13.0 LT	155.88	1	155.48	–	30.10	0.53%	NECKDOWN ANGLE POINT
255	122+77.99	15.5 LT	156.04	1	155.64	–	–	–	NECKDOWN ANGLE POINT
256	121+78.99	13.0 RT	155.18	2	155.01	–	4.90	1.02%	PC
257	121+83.41	13.5 RT	155.23	2	155.06	–	8.25	0.85%	BEGIN RAMP
258	121+90.24	16.5 RT	155.16	2A	155.13	–	6.87	−1.46%	END RAMP, BEGIN LANDING
259	121+94.78	20.7 RT	155.06	2A	155.03	–	6.60	−1.36%	END LANDING, BEGIN FLARE
260	121+97.70	25.9 RT	155.34	1	154.94	–	7.93	−1.39%	END FLARE
261	121+98.99	33.0 RT	155.23	1	154.83	–	2.50	−0.80%	PT
262	121+98.99	35.5 RT	155.21	1	154.81	–	–	–	CATCH BASIN MANHOLE
263	122+22.99	35.5 RT	155.21	1	154.81	–	2.50	0.80%	CATCH BASIN MANHOLE
264	122+22.99	33.0 RT	155.23	1	154.83	–	7.93	2.90%	PC
265	122+24.28	25.9 RT	155.46	1	155.06	–	6.60	2.88%	BEGIN FLARE
266	122+27.20	20.7 RT	155.23	1A	155.25	–	6.87	1.02%	END FLARE, BEGIN LANDING
267	122+31.74	16.5 RT	155.30	1A	155.32	–	9.62	0.94%	END LANDING, BEGIN RAMP
268	122+39.80	13.3 RT	155.81	1	155.41	–	3.52	1.14%	END RAMP
269	122+42.99	13.0 RT	155.85	1	155.45	–	5.08	0.59%	PT
270	122+47.99	13.0 RT	155.88	1	155.48	–	30.10	0.53%	NECKDOWN ANGLE POINT
271	122+77.99	15.5 RT	156.04	1	155.64	–	–	–	NECKDOWN ANGLE POINT
272	121+96.36	11.0 RT	–	–	–	155.13	–	–	EDGE OF PAVEMENT EXTENDED
273	122+25.62	11.0 RT	–	–	–	155.33	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	121+78.99	33.0 RT	20.0	PARKER PLACE
A2	122+42.99	33.0 RT	20.0	PARKER PLACE

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB
(E)	TYPE 2A CURB

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
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5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, 4" THICK, IMPRINTED)
- DETECTABLE WARNING PANEL

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
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   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 20 10 0 10 20

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-12959
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

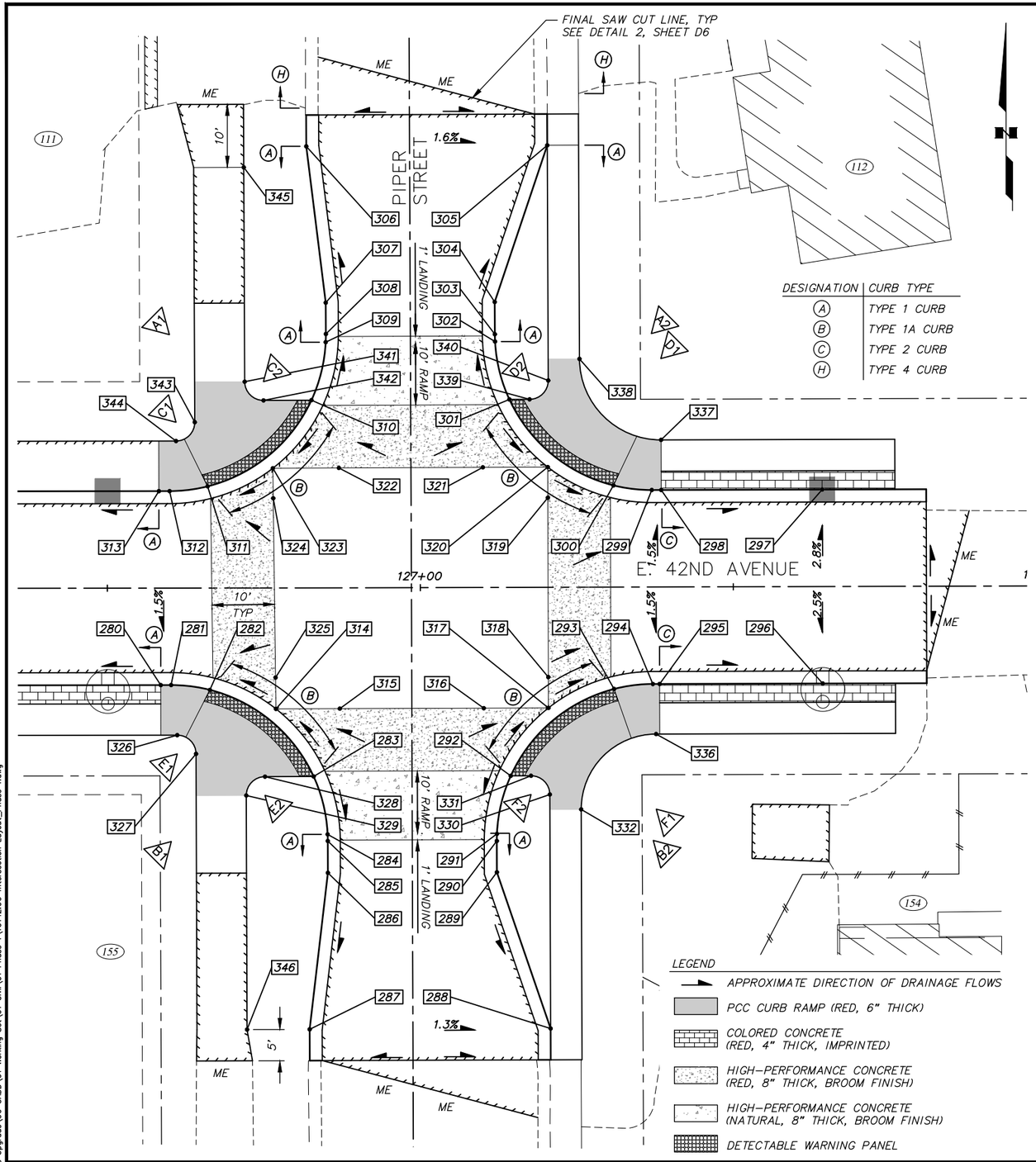
18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

INTERSECTION LAYOUT

PARKER PLACE

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R19 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg



☐ POINT SUMMARY – E. 42ND AVENUE AT PIPER STREET

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
280	126+58.51	15.5 RT	155.04	1	154.64	1.65	3.64%	BEGIN RAMP
281	126+60.16	15.5 RT	155.02	–	154.70	6.76	3.70%	PC
282	126+66.36	16.3 RT	154.93	1A	154.95	24.11	1.37%	END RAMP, BEGIN LANDING
283	126+82.91	30.1 RT	155.26	1A	155.28	10.34	−3.68%	END LANDING, BEGIN CURB TRANSITION
284	126+85.14	39.4 RT	155.30	1	154.90	1.12	−0.89%	END CURB TRANSITION
285	126+85.16	40.5 RT	155.29	1	154.89	5.20	−0.77%	PT
286	126+85.17	45.5 RT	155.25	1	154.85	25.18	−0.99%	NECKDOWN ANGLE POINT
287	126+82.22	70.5 RT	155.00	1	154.60	–	–	NECKDOWN ANGLE POINT
288	127+20.62	70.5 RT	155.05	1	154.65	26.41	0.76%	NECKDOWN ANGLE POINT
289	127+12.11	45.5 RT	155.25	1	154.85	5.33	0.75%	NECKDOWN ANGLE POINT
290	127+12.11	40.5 RT	155.29	1	154.89	1.23	0.81%	PC
291	127+12.13	39.4 RT	155.30	1	154.90	10.35	3.67%	BEGIN CURB TRANSITION
292	127+14.37	30.1 RT	155.26	1A	155.28	24.08	−1.83%	END CURB TRANSITION, BEGIN LANDING
293	127+30.91	16.3 RT	154.82	1A	154.84	6.76	−6.51%	END LANDING, BEGIN RAMP
294	127+37.11	15.5 RT	154.55	–	154.40	1.08	−6.48%	PT
295	127+38.18	15.5 RT	154.50	2	154.33	26.07	−1.80%	END RAMP
296	127+64.25	15.5 RT	154.03	2	153.86	–	–	CATCH BASIN MANHOLE
297	127+64.25	15.5 LT	153.99	2	153.82	25.72	1.94%	CATCH BASIN
298	127+38.53	15.5 LT	154.49	2	154.32	1.51	4.64%	BEGIN RAMP
299	127+37.02	15.5 LT	154.52	–	154.39	6.68	4.34%	PC
300	127+30.90	16.3 LT	154.66	1A	154.68	24.07	0.66%	END RAMP, BEGIN LANDING
301	127+14.32	30.0 LT	154.82	1A	154.84	10.35	−5.12%	END LANDING, BEGIN CURB TRANSITION
302	127+12.05	39.3 LT	154.71	1	154.31	1.26	−0.79%	END CURB TRANSITION
303	127+12.02	40.5 LT	154.70	1	154.30	5.48	−0.73%	PT
304	127+12.01	45.6 LT	154.66	1	154.26	26.41	−1.06%	NECKDOWN ANGLE POINT
305	127+20.48	70.6 LT	154.38	1	153.98	–	–	NECKDOWN ANGLE POINT, BEGIN RAMP
306	126+81.88	70.6 LT	154.42	1	154.02	25.18	0.95%	NECKDOWN ANGLE POINT
307	126+84.95	45.6 LT	154.66	1	154.26	5.12	0.78%	NECKDOWN ANGLE POINT
308	126+84.96	40.6 LT	154.70	1	154.30	1.39	0.72%	PC
309	126+84.93	39.3 LT	154.71	1	154.31	10.37	5.11%	BEGIN CURB TRANSITION
310	126+82.65	30.0 LT	154.82	1A	154.84	24.08	−0.66%	END CURB TRANSITION, BEGIN LANDING
311	126+66.04	16.2 LT	154.66	1A	154.68	6.63	−1.36%	END LANDING, BEGIN RAMP
312	126+59.96	15.5 LT	154.90	–	154.59	1.71	−1.17%	PT
313	126+58.26	15.5 LT	154.97	1	154.57	–	–	END RAMP

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	126+59.96	40.5 LT	25.0	PIPER STREET
A2	127+37.02	40.5 LT	25.0	PIPER STREET
B1	126+60.16	40.5 RT	25.0	PIPER STREET
B2	127+37.11	40.5 RT	25.0	PIPER STREET
C1	126+61.00	26.5 LT	3.0	PIPER STREET BOS
C2	126+74.99	33.0 LT	3.0	PIPER STREET BOS
D1	127+38.53	36.5 LT	13.0	PIPER STREET BOS
D2	127+17.53	33.0 LT	3.0	PIPER STREET BOS
E1	126+61.14	26.5 RT	3.0	PIPER STREET BOS
E2	126+75.15	33.1 RT	3.0	PIPER STREET BOS
F1	127+37.60	35.5 RT	12.0	PIPER STREET BOS
F2	127+17.60	33.1 RT	3.0	PIPER STREET BOS

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *THE MAXIMUM CROSS-SLOPE WITHIN THE RED HIGH-PERFORMANCE CONCRETE SHALL BE 2%, SEE NOTE 8.*
5. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
6. *SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.*
7. *LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.*
8. *CONTRACTOR SHALL AS-BUILT SURVEY CURB RETURNS FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO POURING THE HIGH-PERFORMANCE CONCRETE. INTERSECTION LAYOUT ELEVATIONS MAY BE ADJUSTED BY ENGINEER BASED UPON AS-BUILT DATA.*
9. *HIGH-PERFORMANCE CONCRETE FOR RAISED INTERSECTIONS SHALL BE POURED AGAINST FORMS SET TO THE ELEVATION SHOWN IN POINT SUMMARY TABLE REVISED BY ENGINEER (NOTE 8). CONTRACTOR SHALL NOT UTILIZE AC PAVEMENT (NEW OR EXISTING) AS A CONCRETE FORM.*
10. *SEE SHEET R21 FOR POINTS 314-343.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

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Robert W. Burdick
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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

INTERSECTION LAYOUT

PIPER STREET

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R20 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg

☐ POINT SUMMARY – E. 42ND AVENUE AT PIPER STREET

POINT	STATION	OFFSET (FT)	TOP CONCRETE ELEV (FT)	TOP AC ELEV (FT)	DESCRIPTION
314	126+76.91	19.3 RT	155.11	–	EDGE OF CROSSWALK
315	126+87.11	19.3 RT	155.25	–	EDGE OF CROSSWALK
316	127+10.08	19.3 RT	155.25	–	EDGE OF CROSSWALK
317	127+20.41	19.3 RT	155.05	–	EDGE OF CROSSWALK
318	127+20.41	14.4 RT	155.02	–	EDGE OF CROSSWALK
319	127+20.41	14.3 LT	154.84	–	EDGE OF CROSSWALK
320	127+20.41	19.2 LT	154.76	–	EDGE OF CROSSWALK
321	127+10.04	19.2 LT	154.96	–	EDGE OF CROSSWALK
322	126+87.02	19.2 LT	154.96	–	EDGE OF CROSSWALK
323	126+76.47	19.1 LT	154.76	–	EDGE OF CROSSWALK
324	126+76.52	14.3 LT	154.84	–	EDGE OF CROSSWALK
325	126+76.85	14.3 RT	155.08	–	EDGE OF CROSSWALK
326	126+61.14	23.5 RT	155.09	–	PC
327	126+64.14	26.5 RT	155.21	–	PT
328	126+75.14	30.1 RT	155.35	–	PC
329	126+72.15	33.2 RT	155.40	–	PT
330	127+20.60	33.1 RT	155.34	–	PC
331	127+17.60	30.1 RT	155.29	–	PT
332	127+25.60	35.5 RT	155.44	–	PC
333	NOT USED				
334	NOT USED				
335	NOT USED				
336	127+37.60	23.5 RT	154.86	–	PT
337	127+38.53	23.5 LT	154.61	–	PC
338	127+25.53	36.5 LT	154.90	–	PT
339	127+17.54	30.0 LT	154.82	–	PC
340	127+20.53	33.0 LT	154.82	–	PT
341	126+71.99	33.0 LT	154.91	–	PC
342	126+74.99	30.0 LT	154.87	–	PT
343	126+64.00	26.5 LT	154.87	–	PC
344	126+61.00	23.5 LT	154.89	–	PT
345	126+71.89	67.2 LT	–	154.63	BEGIN RAMP
346	126+72.22	70.6 RT	–	155.45	BEGIN TRANSITION TO EXISTING

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198
& 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

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MUNICIPALITY OF ANCHORAGE

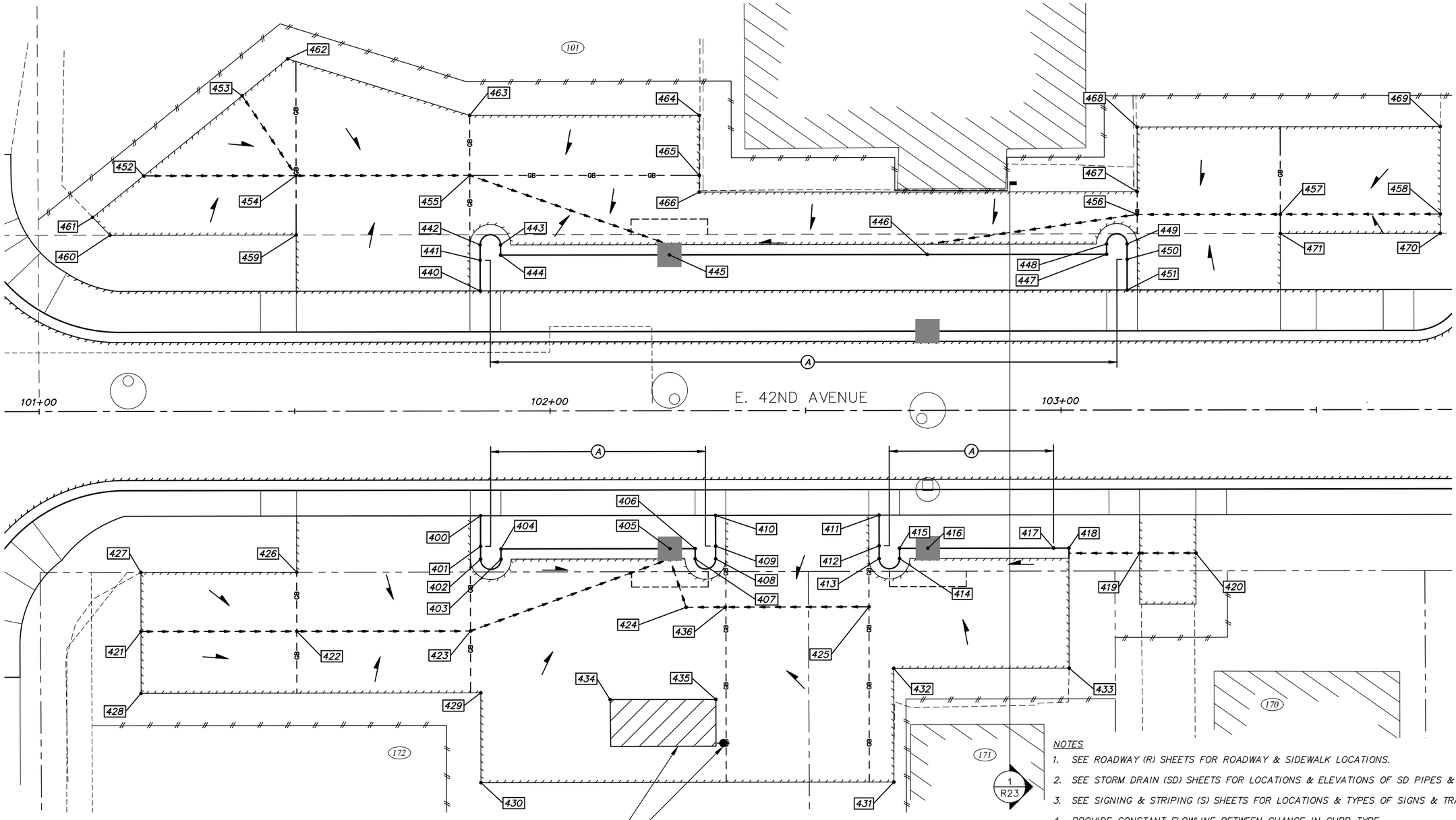
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

INTERSECTION LAYOUT POINT SUMMARY

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R21 of R28

File:J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Intersection Layout_Phase 1.dwg



LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PAVEMENT SWALE
- GB GRADE BREAK

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB

APPROXIMATE LOCATION OF RELOCATED COFFEE CART AND UTILITY POLE, SEE SPECIFICATIONS FOR MORE INFORMATION.

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
5. *SEE SHEET R23 FOR POINT SUMMARY TABLE.*
6. *PROPOSED GRADING LAYOUT IS APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PERFORM A SURVEY ON THE PARKING LOTS ON PARCELS 101, 171, & 172 AT THE PROPOSED MATCH EXISTING LOCATIONS TO ENSURE A MINIMUM GRADE OF 1.0% CAN BE MAINTAINED ALONG THE PROPOSED PAVEMENT SWALES. IF REQUIRED, PROVIDE SURVEY INFORMATION TO ENGINEER TO DETERMINE GRADING MODIFICATION TO ACHIEVE MINIMUM GRADES. ALL WORK TO SURVEY, COORDINATE WITH THE ENGINEER, AND ANY REQUIRED MODIFICATIONS TO THE GRADING PLAN SHALL NOT BE MEASURED SEPARATELY AND SHALL BE INCIDENTAL TO THE 65.02 CONSTRUCTION SURVEY MEASUREMENT PAY ITEM.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
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   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 20 10 0 10 20

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN	CRW BOOK No. 197, 198 & 201
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

DRIVEWAY LAYOUT

PARCEL 101 & 170-172

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R22 of R28

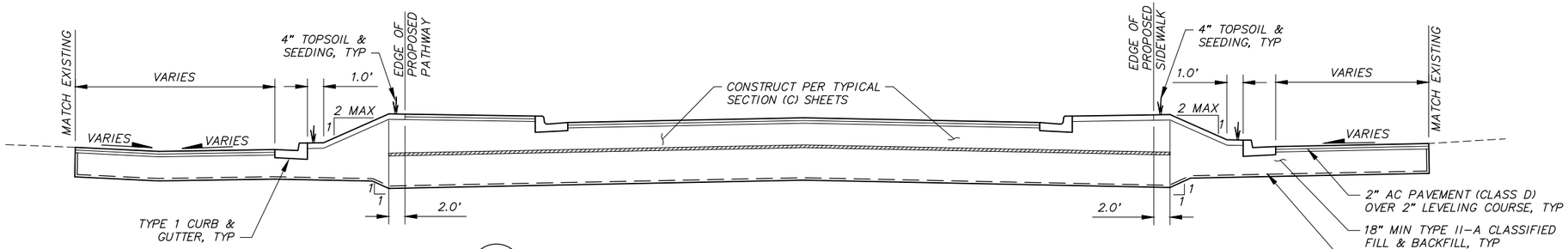
File: J:\JobsDate\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg

☐ POINT SUMMARY – PARCELS 170–172

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	DESCRIPTION
400	101+86.35	20.5 RT	138.17	–	138.03	–	TBC AT BOS, BEGIN TRANSITION TO TYPE 1 C&G
401	101+86.34	26.5 RT	138.12	1	137.72	–	BEGIN TYPE 1 C&G
402	101+86.35	29.0 RT	137.98	1	137.58	–	PC, R=2.0'
403	101+90.35	29.0 RT	137.65	1	137.25	–	PT
404	101+90.35	27.0 RT	137.65	1	137.25	–	ANGLE POINT
405	102+23.40	27.0 RT	136.83	1	136.43	–	CATCH BASIN
406	102+28.35	27.0 RT	136.98	1	136.58	–	ANGLE POINT
407	102+28.35	29.0 RT	136.98	1	136.58	–	PC, R=2.0'
408	102+32.35	29.0 RT	137.54	1	137.14	–	PT
409	102+32.35	26.5 RT	137.76	1	137.36	–	END TYPE 1 C&G, TRANSITION TO BOS
410	102+32.35	20.5 RT	137.87	–	137.71	–	TBC AT BOS
411	102+64.35	20.5 RT	137.79	–	137.64	–	TBC AT BOS, BEGIN TRANSITION TO TYPE 1 C&G
412	102+64.35	26.5 RT	137.83	1	137.43	–	BEGIN TYPE 1 C&G
413	102+64.35	29.0 RT	137.69	1	137.29	–	PC, R=2.0'
414	102+68.35	29.0 RT	137.36	1	136.96	–	PT
415	102+68.35	27.0 RT	137.36	1	136.96	–	ANGLE POINT
416	102+73.88	27.0 RT	137.26	1	136.86	–	CATCH BASIN
417	102+98.49	27.0 RT	137.50	1	137.10	–	END TYPE 1 C&G
418	103+01.49	27.0 RT	137.13	–	137.13	–	END C&G
419	103+15.34	28.0 RT	–	–	–	137.48	DRAINAGE SWALE
420	103+26.34	28.0 RT	–	–	–	137.76	DRAINAGE SWALE
421	101+19.86	43.1 RT	–	–	–	137.52±	DRAINAGE SWALE, MATCH EXISTING – SEE SHEET R22, NOTE 6
422	101+50.35	43.1 RT	–	–	–	137.18	DRAINAGE SWALE
423	101+84.35	43.1 RT	–	–	–	136.84	DRAINAGE SWALE
424	102+26.57	38.5 RT	–	–	–	136.56	DRAINAGE SWALE
425	102+62.35	38.4 RT	–	–	–	137.01	DRAINAGE SWALE
426	101+50.35	31.5 RT	–	–	–	137.77	EDGE OF PAVEMENT
427	101+19.86	31.5 RT	–	–	–	137.80±	EDGE OF PAVEMENT, MATCH EXISTING
428	101+19.86	55.2 RT	–	–	–	137.35±	EDGE OF PAVEMENT, MATCH EXISTING
429	101+86.35	55.2 RT	–	–	–	137.26±	EDGE OF PAVEMENT, MATCH EXISTING
430	101+86.35	72.7 RT	–	–	–	137.68±	EDGE OF PAVEMENT, MATCH EXISTING
431	102+67.17	72.7 RT	–	–	–	137.69±	EDGE OF PAVEMENT, MATCH EXISTING
432	102+67.17	50.5 RT	–	–	–	137.56±	EDGE OF PAVEMENT, MATCH EXISTING
433	103+01.49	50.5 RT	–	–	–	137.60±	EDGE OF PAVEMENT, MATCH EXISTING
434	102+11.65	56.5 RT	–	–	–	137.12	CORNER OF COFFEE CART
435	102+32.35	56.5 RT	–	–	–	137.03	CORNER OF COFFEE CART
436	102+34.22	38.5 RT	–	–	–	136.65	DRAINAGE SWALE

☐ POINT SUMMARY – PARCEL 101

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	DESCRIPTION
440	101+86.35	23.5 LT	138.20	–	138.06	–	TBC AT BOS, BEGIN TRANSITION TO TYPE 1 C&G
441	101+86.35	29.5 LT	138.13	1	137.73	–	BEGIN TYPE 1 C&G
442	101+86.35	32.5 LT	137.96	1	137.56	–	PC, R=2.0'
443	101+90.35	32.5 LT	137.59	1	137.19	–	PT
444	101+90.35	30.5 LT	137.59	1	137.19	–	ANGLE POINT
445	102+23.40	30.5 LT	136.66	1	136.26	–	CATCH BASIN
446	102+73.88	30.5 LT	137.07	1	136.67	–	TBC AT DRAINAGE SWALE
447	103+08.96	30.5 LT	137.56	1	137.16	–	ANGLE POINT
448	103+08.96	32.5 LT	137.56	1	137.16	–	PC, R=2.0'
449	103+12.96	32.5 LT	137.77	1	137.37	–	PT
450	103+12.96	29.5 LT	137.88	1	137.48	–	END TYPE 1 C&G, TRANSITION TO BOS
451	103+12.96	23.5 LT	137.89	–	137.75	–	TBC AT BOS
452	101+20.52	46.1 LT	–	–	–	137.66±	DRAINAGE SWALE, MATCH EXISTING – SEE SHEET R22, NOTE 6
453	101+39.83	61.7 LT	–	–	–	137.34±	DRAINAGE SWALE, MATCH EXISTING – SEE SHEET R22, NOTE 6
454	101+50.35	46.1 LT	–	–	–	137.15	DRAINAGE SWALE
455	101+84.35	46.1 LT	–	–	–	136.81	DRAINAGE SWALE
456	103+14.96	38.3 LT	–	–	–	137.08	DRAINAGE SWALE
457	103+42.96	38.3 LT	–	–	–	137.36	DRAINAGE SWALE
458	103+74.26	38.3 LT	–	–	–	137.67±	DRAINAGE SWALE, MATCH EXISTING – SEE SHEET R22, NOTE 6
459	101+50.35	34.5 LT	–	–	–	137.79±	EDGE OF PAVEMENT, MATCH EXISTING
460	101+13.91	34.5 LT	–	–	–	137.93±	EDGE OF PAVEMENT, MATCH EXISTING
461	101+10.53	38.0 LT	–	–	–	137.93±	EDGE OF PAVEMENT, MATCH EXISTING
462	101+48.74	69.0 LT	–	–	–	137.35±	EDGE OF PAVEMENT, MATCH EXISTING
463	101+84.35	57.9 LT	–	–	–	137.28±	EDGE OF PAVEMENT, MATCH EXISTING
464	102+29.27	57.8 LT	–	–	–	137.62±	EDGE OF PAVEMENT, MATCH EXISTING
465	102+29.25	46.0 LT	–	–	–	137.42±	EDGE OF PAVEMENT, MATCH EXISTING
466	102+29.24	42.8 LT	–	–	–	137.37±	EDGE OF PAVEMENT, MATCH EXISTING
467	103+14.96	42.7 LT	–	–	–	137.29±	EDGE OF PAVEMENT, MATCH EXISTING
468	103+14.96	55.4 LT	–	–	–	137.51±	EDGE OF PAVEMENT, MATCH EXISTING
469	103+74.29	55.4 LT	–	–	–	137.48±	EDGE OF PAVEMENT, MATCH EXISTING
470	103+74.26	34.5 LT	–	–	–	137.73	EDGE OF PAVEMENT
471	103+42.96	34.5 LT	–	–	–	137.53	EDGE OF PAVEMENT



1 **TYPICAL ON PROPERTY SECTION**

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

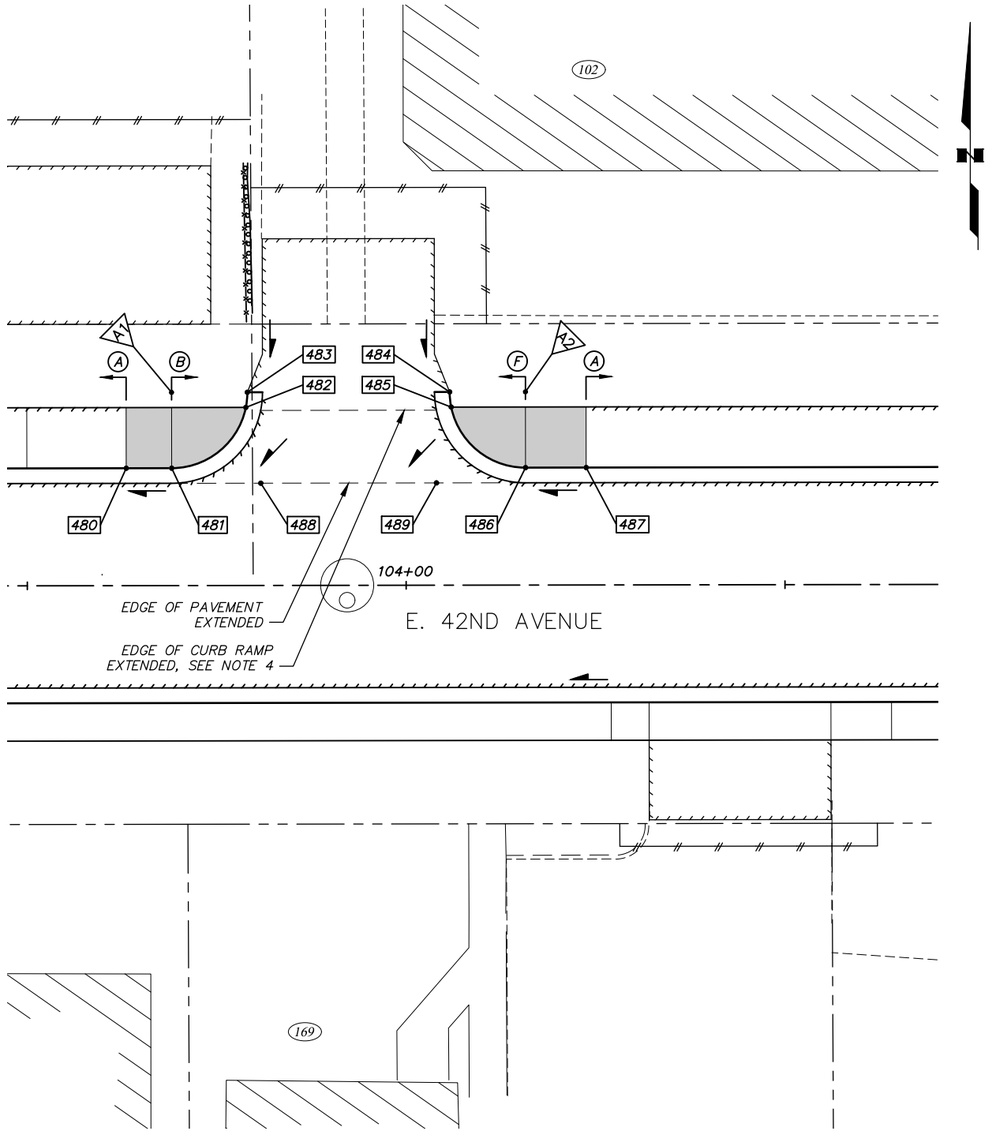
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

DRIVEWAY LAYOUT POINT TABLE

PARCEL 101 & 170–172

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R23 of R28

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg



☐ POINT SUMMARY – PARCEL 102 WEST

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
480	103+63.07	15.5 LT	138.41	1	138.01	–	6.00	1.00%	BEGIN RAMP
481	103+69.07	15.5 LT	138.05	1A	138.07	–	16.43	1.89%	PC, END RAMP, BEGIN LANDING
482	103+78.87	23.5 LT	138.36	1A	138.38	–	2.42	2.07%	END LANDING
483	103+79.07	25.5 LT	138.41	1A	138.43	–	–	–	PT
484	104+05.78	25.5 LT	138.79	3A	138.71	–	2.42	−2.07%	PC
485	104+05.98	23.5 LT	138.74	3A	138.66	–	16.43	−0.12%	BEGIN LANDING
486	104+15.78	15.5 LT	138.72	3A	138.64	–	8.00	1.50%	PT, END LANDING, BEGIN RAMP
487	104+23.78	15.5 LT	139.16	1	138.76	–	–	–	END RAMP
488	103+80.83	13.5 LT	–	–	–	138.19	–	–	EDGE OF PAVEMENT EXTENDED
489	104+04.02	13.5 LT	–	–	–	138.47	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	103+69.07	25.5 LT	10.0	PARCEL 102
A2	104+15.78	25.5 LT	10.0	PARCEL 102

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(F)	TYPE 3A CURB

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 20 10 0 10 20 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

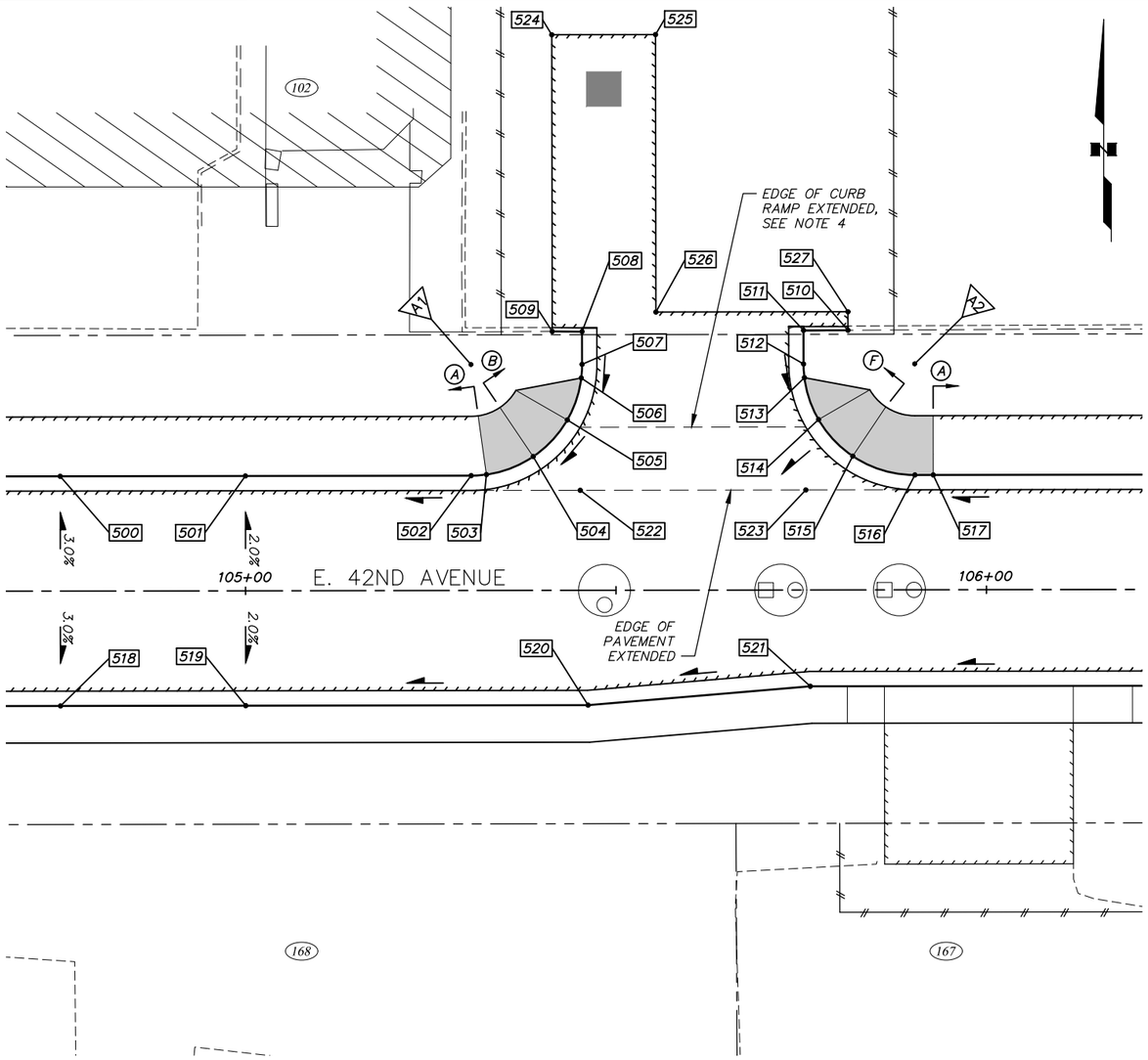
18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

DRIVEWAY LAYOUT

PARCEL 102

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R24 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg



☐ POINT SUMMARY – PARCEL 102 EAST & NECKDOWN

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
500	104+75.00	15.5 LT	140.04	1	139.64	–	25.00	2.36%	END 3% CROSS SLOPE
501	105+00.00	15.5 LT	140.63	1	140.23	–	–	–	BEGIN 2% CROSS SLOPE
502	105+30.47	15.5 LT	141.27	1	140.87	–	2.35	3.40%	PC
503	105+32.53	15.6 LT	141.35	1	140.95	–	7.73	3.62%	BEGIN RAMP
504	105+38.85	18.1 LT	141.21	1A	141.23	–	7.73	1.81%	END RAMP, BEGIN LANDING
505	105+43.46	23.0 LT	141.35	1A	141.37	–	6.80	5.15%	END LANDING, BEGIN FLARE
506	105+45.36	28.7 LT	141.70	1A	141.72	–	2.10	4.76%	END FLARE
507	105+45.47	30.5 LT	141.80	1A	141.82	–	4.40	5.23%	PT
508	105+45.47	34.9 LT	142.03	1A	142.05	–	4.02	2.99%	BEGIN CURB TRANSITION
509	105+41.45	34.9 LT	142.67	LANDSCAPE	142.17	–	–	–	END CURB TRANSITION
510	105+81.37	35.0 LT	143.39	LANDSCAPE	142.89	–	6.00	−4.17%	BEGIN CURB TRANSITION
511	105+75.37	35.0 LT	142.72	3A	142.64	–	4.54	−1.32%	END CURB TRANSITION
512	105+75.37	30.5 LT	142.66	3A	142.58	–	2.10	−1.43%	PT
513	105+75.48	28.7 LT	142.63	3A	142.55	–	6.80	−1.18%	BEGIN FLARE
514	105+77.38	23.0 LT	142.55	3A	142.47	–	7.73	0.39%	END FLARE, BEGIN LANDING
515	105+81.99	18.1 LT	142.58	3A	142.50	–	10.08	2.28%	END LANDING, BEGIN RAMP
516	105+90.37	15.5 LT	143.06	–	142.73	–	2.48	2.42%	PT
517	105+92.85	15.5 LT	143.19	1	142.79	–	–	–	END RAMP
518	104+75.00	15.5 LT	140.04	1	139.64	–	25.00	2.36%	END 3% CROSS SLOPE
519	105+00.00	15.5 LT	140.63	1	140.23	–	–	–	BEGIN 2% CROSS SLOPE
520	105+46.21	15.5 LT	141.75	1	141.35	–	30.10	3.36%	NECKDOWN ANGLE POINT
521	105+76.21	13.0 LT	142.76	1	142.36	–	–	–	NECKDOWN ANGLE POINT
522	105+45.19	13.5 LT	–	–	–	141.32±	–	–	EDGE OF PAVEMENT EXTENDED
523	105+75.64	13.5 LT	–	–	–	142.30±	–	–	EDGE OF PAVEMENT EXTENDED
524	105+41.45	75.0 LT	–	–	–	ME	–	–	EDGE OF PAVEMENT, MATCH EXISTING
525	105+55.45	75.0 LT	–	–	–	ME	–	–	EDGE OF PAVEMENT, MATCH EXISTING
526	105+55.45	37.5 LT	–	–	–	142.12±	–	–	EDGE OF PAVEMENT, MATCH EXISTING
527	105+81.37	37.5 LT	–	–	–	142.88±	–	–	EDGE OF PAVEMENT, MATCH EXISTING

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	105+30.47	30.5 LT	15.0	PARCEL 102
A2	105+90.37	30.5 LT	15.0	PARCEL 102

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.*
5. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
6. *SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.*
7. *LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.*

DESIGNATION	*CURB TYPE*
(A)	*TYPE 1 CURB*
(B)	*TYPE 1A CURB*
(F)	*TYPE 3A CURB*

LEGEND

APPROXIMATE DIRECTION OF DRAINAGE FLOWS

PCC CURB RAMP

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

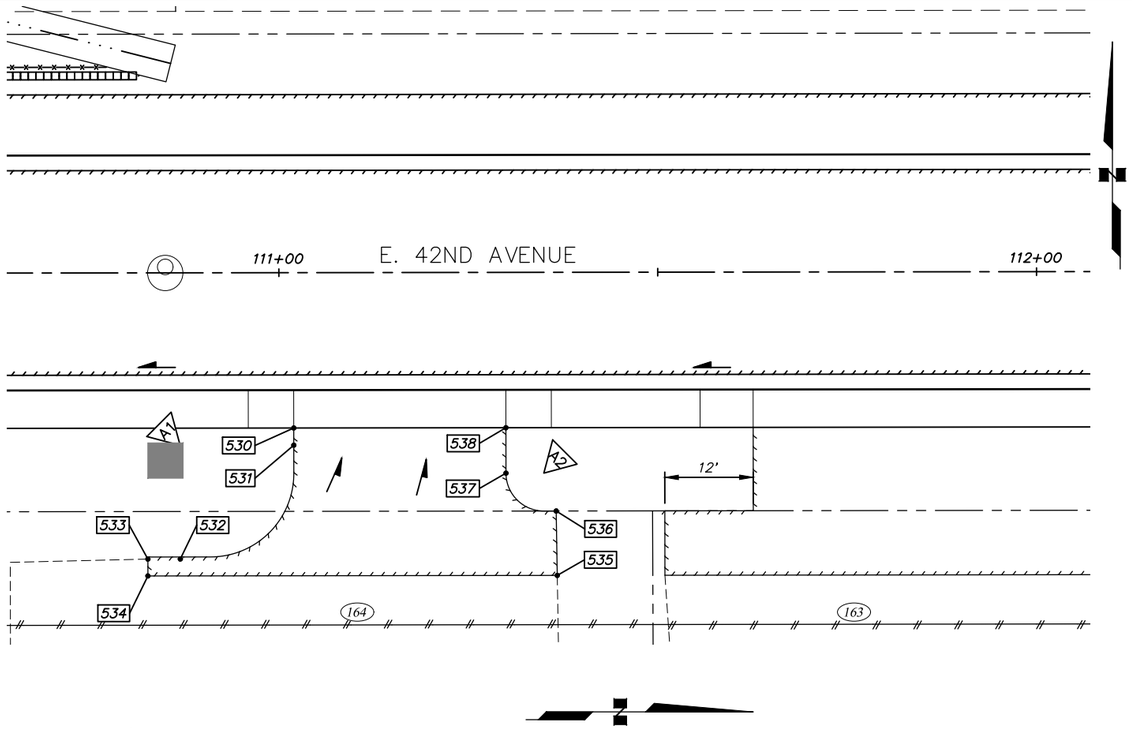
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

DRIVEWAY LAYOUT

PARCEL 102 & NECKDOWN

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R25 of R28

File: J:\Jobs\0ata\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg



☐ POINT SUMMARY – PARCEL 164

POINT	STATION	OFFSET (FT)	TOP AC ELEV (FT)	DESCRIPTION
530	111+01.94	20.5 RT	152.25	EDGE OF PAVEMENT
531	111+01.94	22.8 RT	152.30	PC, EDGE OF PAVEMENT
532	110+86.94	37.8 RT	152.75	PT, EDGE OF PAVEMENT
533	110+82.66	37.8 RT	152.83±	EDGE OF PAVEMENT, MATCH EXISTING
534	110+82.66	40.0 RT	152.86±	EDGE OF PAVEMENT, MATCH EXISTING
535	111+36.69	40.0 RT	152.74±	EDGE OF PAVEMENT, MATCH EXISTING
536	111+36.56	31.5 RT	152.51±	PC, EDGE OF PAVEMENT
537	111+29.94	26.5 RT	152.25	PT, EDGE OF PAVEMENT
538	111+29.94	20.5 RT	152.08	EDGE OF PAVEMENT

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB
(G)	TYPE 3 CURB

△ CURB/EOP RADIUS TABLE

POINT	TBC/EOP RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	110+86.94	22.8 RT	15.0	PARCEL 164
A2	111+34.94	26.5 RT	5.0	PARCEL 164
B1	33+71.96	23.0 LT	10.0	PARCEL 104
B2	34+16.15	23.0 LT	10.0	PARCEL 104
B3	33+71.96	28.5 LT	10.0	PARCEL 104
B4	34+11.15	32.9 LT	5.0	PARCEL 104

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

LEGEND

APPROXIMATE DIRECTION OF DRAINAGE FLOWS

PCC CURB RAMP

☐ POINT SUMMARY – PARCEL 104

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
540	33+52.00	13.0 LT	152.72	1	152.32	–	14.96	3.74%	END 2% CROSS SLOPE
541	33+66.96	13.0 LT	153.28	1	152.88	–	5.00	3.20%	BEGIN RAMP
542	33+71.96	13.0 LT	153.02	1A	153.04	–	16.43	1.64%	PC, END RAMP, BEGIN LANDING
543	33+81.75	21.0 LT	153.29	1A	153.31	–	2.42	6.61%	END LANDING, BEGIN CURB TRANSITION
544	33+81.96	23.0 LT	153.54	–	153.47	–	5.54	6.50%	PT
545	33+81.96	28.5 LT	154.23	1	153.83	–	18.85	6.21%	PC, END CURB TRANSITION
546	33+71.92	38.5 LT	155.40±	1	155.00±	–	–	–	PT, MATCH EXISTING
547	34+11.14	37.9 LT	156.07±	1	155.67±	–	10.99	−6.46%	PC, MATCH EXISTING
548	34+06.15	32.9 LT	155.36	1	154.96	–	9.87	−6.48%	PT, BEGIN CURB TRANSITION
549	34+06.15	23.0 LT	154.86	3	154.32	–	2.42	−6.61%	PC, END CURB TRANSITION
550	34+06.35	21.0 LT	154.70	3	154.16	–	16.43	1.10%	END DRIVEWAY LANDING
551	34+16.15	13.0 LT	154.88	3	154.34	–	3.00	3.33%	PT, BEGIN CURB TRANSITION
552	34+19.15	13.0 LT	154.84	1	154.44	–	–	–	END CURB TRANSITION
553	33+83.71	11.0 LT	–	–	–	153.44	–	–	EDGE OF PAVEMENT EXTENDED
554	34+04.39	11.0 LT	–	–	–	153.97	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

CONSTRUCTION RECORD

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

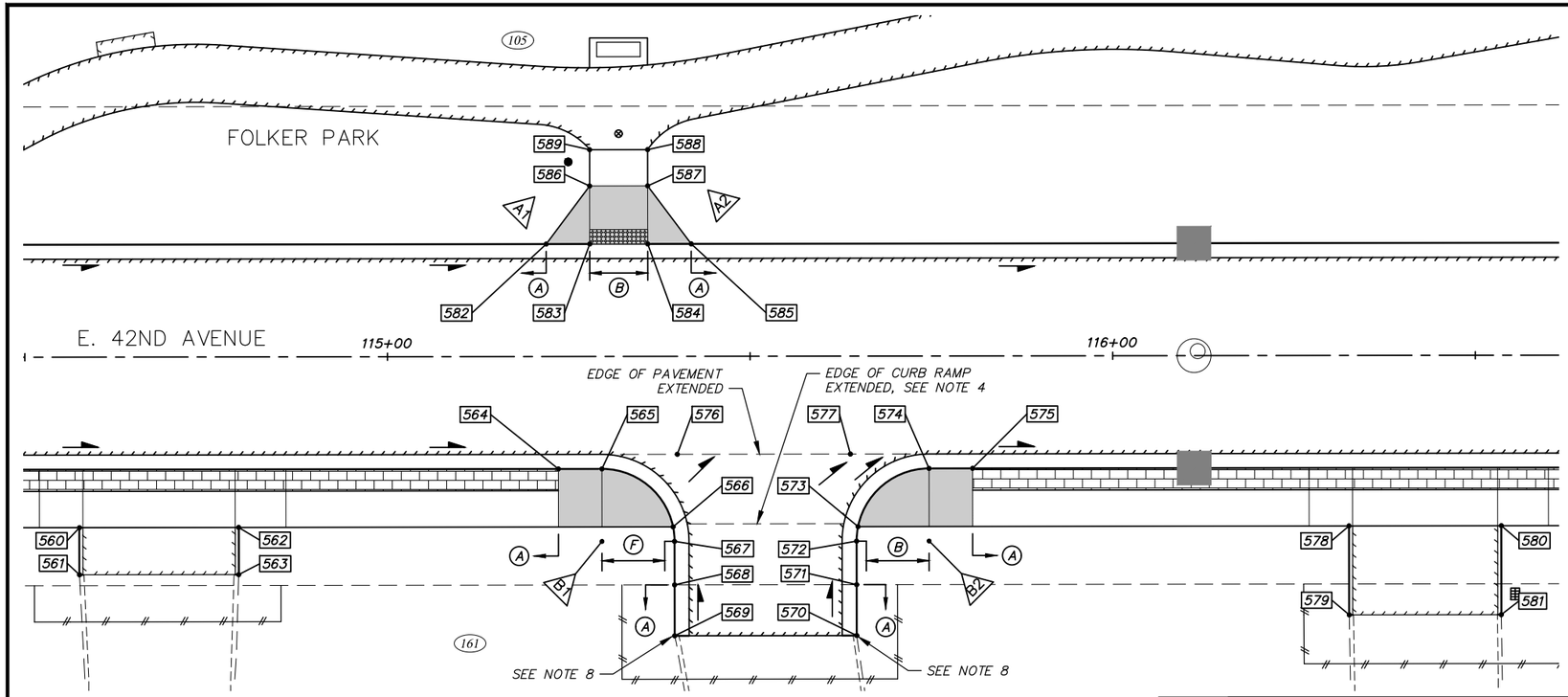
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

DRIVEWAY LAYOUT

PARCEL 104, 163 & 164

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R26 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg



NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
8. TRANSITION FROM TYPE 1 C&G TO LANDSCAPE CURB AS DIRECTED BY THE ENGINEER IN THE FIELD.

☐ POINT SUMMARY – PARCEL 161

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT* LENGTH (FT)	TO NEXT POINT* SLOPE (%)	DESCRIPTION
560	114+57.50	23.5 RT	152.39	–	152.36	–		–	BEGIN CURB AT BACK OF SIDEWALK
561	114+57.50	30.0 RT	153.23±	LANDSCAPE	152.73±	–		–	TBC, MATCH EXISTING
562	114+79.45	23.5 RT	152.53	–	152.50	–		–	BEGIN CURB AT BACK OF SIDEWALK
563	114+79.45	30.0 RT	153.21±	LANDSCAPE	152.71±	–		–	TBC, MATCH EXISTING
564	115+23.55	15.5 RT	152.99	1	152.59	–	6.00	−0.50%	PC, BEGIN RAMP
565	115+29.55	15.5 RT	152.64	3A	152.56	–	16.43	0.24%	END RAMP, BEGIN LANDING
566	115+39.34	23.5 RT	152.68	3A	152.60	–	2.42	0.41%	END LANDING
567	115+39.55	25.5 RT	152.69	3A	152.61	–	6.00	0.83%	PT, BEGIN CURB TRANSITION
568	115+39.55	31.5 RT	153.06	1	152.66	–	7.02	0.71%	END CURB TRANSITION
569	115+39.55	38.5 RT	153.11±	–	152.71±	–	–	–	MATCH EXISTING, SEE NOTE 8
570	115+64.65	38.5 RT	153.00±	–	152.60±	–	7.02	−0.85%	MATCH EXISTING, SEE NOTE 8
571	115+64.65	31.5 RT	152.94	1	152.54	–	6.00	−0.83%	BEGIN CURB TRANSITION
572	115+64.65	25.5 RT	152.47	1A	152.49	–	2.42	−1.24%	PT, END CURB TRANSITION
573	115+64.85	23.5 RT	152.44	1A	152.46	–	16.43	−1.34%	BEGIN LANDING
574	115+74.65	15.5 RT	152.22	1A	152.24	–	6.00	−0.83%	END LANDING, BEGIN RAMP
575	115+80.65	15.5 RT	152.59	1	152.19	–	–	–	END RAMP
576	115+39.94	13.5 RT	–	–	–	152.48	–	–	EDGE OF PAVEMENT EXTENDED
577	115+63.81	13.5 RT	–	–	–	152.31	–	–	EDGE OF PAVEMENT EXTENDED
578	116+32.54	23.5 RT	152.26	–	152.23	–	–	–	BEGIN CURB AT BACK OF SIDEWALK
579	116+32.56	35.8 RT	153.26±	LANDSCAPE	152.76±	–	–	–	TBC, MATCH EXISTING
580	116+53.54	23.5 RT	152.39	–	152.36	–	–	–	BEGIN CURB AT BACK OF SIDEWALK
581	116+53.52	35.8 RT	153.30±	LANDSCAPE	152.80±	–	–	–	TBC, MATCH EXISTING

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

☐ POINT SUMMARY – PARCEL 105

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP CONCRETE ELEV (FT)	TO NEXT POINT* LENGTH (FT)	TO NEXT POINT* SLOPE (%)	DESCRIPTION
582	115+21.90	15.5 LT	153.00	1	152.60	–	6.00	−0.50%	BEGIN FLARE
583	115+27.90	15.5 LT	152.55	1A	152.57	–	8.00	−0.75%	END FLARE, BEGIN RAMP
584	115+35.90	15.5 LT	152.49	1A	152.51	–	6.00	−0.67%	END RAMP, BEGIN FLARE
585	115+41.90	15.5 LT	152.87	1	152.47	–	–	–	END FLARE
586	115+27.90	23.5 LT	–	–	–	153.19	–	–	END RAMP, BEGIN LANDING
587	115+35.90	23.5 LT	–	–	–	153.13	–	–	END RAMP, BEGIN LANDING
588	115+35.90	28.5 LT	–	–	–	153.23	–	–	END LANDING
589	115+27.90	28.5 LT	–	–	–	153.29	–	–	END LANDING

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT STATION	TBC RADIUS POINT OFFSET (FT)	RADIUS (FT)	DESCRIPTION
A1	115+20.35	22.0 LT	10.0	PARCEL 105
A2	115+44.20	22.9 LT	10.0	PARCEL 105
B1	115+29.55	25.5 RT	10.0	PARCEL 161
B2	115+74.65	25.5 RT	10.0	PARCEL 161

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, THICKNESS VARIES, IMPRINTED)
- DETECTABLE WARNING PANEL

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(F)	TYPE 3A CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 20 10 0 10 20

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR			
INSPECTOR			

VERTICAL DATUM

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL

STATE OF ALASKA
49TH
Robert W. Burdick
CE-12959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

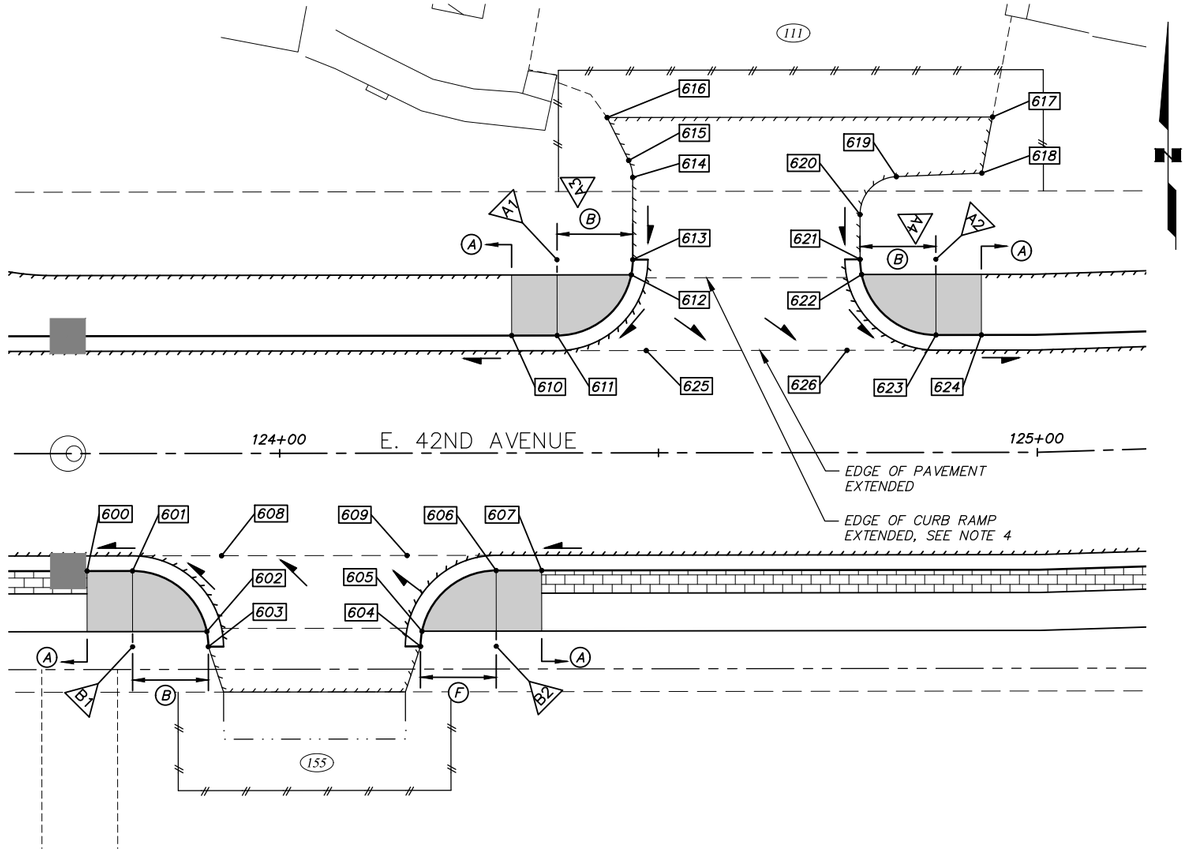
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

DRIVEWAY LAYOUT

PARCEL 105 & 161

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R27 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg



NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- COLORED CONCRETE (RED, 4" THICK, IMPRINTED)

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(F)	TYPE 3A CURB

☐ POINT SUMMARY – PARCEL 155

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
600	123+74.56	15.5 RT	155.89	1	155.49	–	6.00	0.17%	BEGIN RAMP
601	123+80.56	15.5 RT	155.48	1A	155.50	–	16.43	1.58%	PC, END RAMP, BEGIN LANDING
602	123+90.35	23.5 RT	155.74	1A	155.76	–	2.42	1.65%	END LANDING
603	123+90.56	25.5 RT	155.78	1A	155.80	–	–	–	PT
604	124+18.56	25.5 RT	155.96	3A	155.88	–	2.42	−0.41%	PC
605	124+18.76	23.5 RT	155.95	3A	155.87	–	16.43	−0.43%	BEGIN LANDING
606	124+28.56	15.5 RT	155.88	3A	155.80	–	6.00	0.67%	PT, END LANDING, BEGIN RAMP
607	124+34.56	15.5 RT	156.24	1	155.84	–	–	–	END RAMP
608	123+92.31	13.5 RT	–	–	–	155.57	–	–	EDGE OF PAVEMENT EXTENDED
609	124+16.80	13.5 RT	–	–	–	155.73±	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

☐ POINT SUMMARY – PARCEL 111

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
610	124+30.64	15.5 LT	156.22	1	155.82	–	6.00	0.67%	BEGIN RAMP
611	124+36.64	15.5 LT	155.84	1A	155.86	–	16.43	1.16%	PC, END RAMP, BEGIN LANDING
612	124+46.44	23.5 LT	156.03	1A	156.05	–	2.42	2.07%	END LANDING
613	124+46.64	25.5 LT	156.08	1A	156.10	–	–	–	PT
614	124+46.64	36.4 LT	–	–	–	156.38	–	–	PC, EDGE OF PAVEMENT
615	124+46.12	38.6 LT	–	–	–	156.44	–	–	PT, EDGE OF PAVEMENT
616	124+43.29	44.3 LT	–	–	–	156.59	–	–	EDGE OF PAVEMENT, MATCH EXISTING
617	124+94.14	44.3 LT	–	–	–	156.75	–	–	EDGE OF PAVEMENT, MATCH EXISTING
618	124+92.73	36.9 LT	–	–	–	156.75	–	–	EDGE OF PAVEMENT, MATCH EXISTING
619	124+81.45	36.4 LT	–	–	–	156.27	–	–	PC, EDGE OF PAVEMENT
620	124+76.64	31.4 LT	–	–	–	156.20	–	–	PT, EDGE OF PAVEMENT
621	124+76.64	25.5 LT	155.93	1A	155.95	–	2.42	−1.24%	PC
622	124+76.85	23.5 LT	155.90	1A	155.92	–	16.43	−1.40%	BEGIN LANDING
623	124+86.64	15.5 LT	155.67	1A	155.69	–	6.00	−0.67%	PT, END LANDING, BEGIN RAMP
624	124+92.64	15.5 LT	156.05	1	155.65	–	–	–	END RAMP
625	124+48.40	13.5 LT	–	–	–	155.91	–	–	EDGE OF PAVEMENT EXTENDED
626	124+74.89	13.5 LT	–	–	–	155.77±	–	–	EDGE OF PAVEMENT EXTENDED

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB/EOP RADIUS TABLE

POINT	TBC/EOP RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	124+36.64	25.5 LT	10.0	PARCEL 111
A2	124+86.64	25.5 LT	10.0	PARCEL 111
A3	124+41.64	36.4 LT	5.0	PARCEL 111
A4	124+81.64	31.4 LT	5.0	PARCEL 111
B1	123+80.56	25.5 RT	10.0	PARCEL 155
B2	124+28.56	25.5 RT	10.0	PARCEL 155

RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
AECLB82-AK
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Robert W. Burdick
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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

DRIVEWAY LAYOUT

PARCEL 111 & 155

SCALE HOR. 1"=10' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET R28 of R28

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Driveway Reconstruction Plan_Phase 1.dwg

20.28

RECONSTRUCT DRIVEWAY

SHEET	PARCEL	CENTERLINE REFERENCE		DRIVEWAY WIDTH AT CURB OR EDGE OF PAVEMENT (FT)	DRIVEWAY WIDTH AT ROW (FT)	CURB CUT TYPE	RADIUS (FT)	SKEW ANGLE (DEGREES)	LANDING LENGTH (FT)	LANDING GRADE	TOTAL DISTANCE (FT)	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	L1 (FT)	L2 (FT)	CONSTRUCT PER DETAIL	REMARKS
		STATION	OFFSET														
SD1	100 WEST	301+94.7	RT	24.0	24.0	N/A	10	90	N/A	N/A	20.0	3.8%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D4	
SD1	100 EAST	304+85.7	RT	26.0	26.0	N/A	10	90	N/A	N/A	20.0	−0.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D4	
R1	172	101+67.4	RT	34.0	VARIES	TYPE 4	N/A	90	5.0	−1.0%	39.7	VARIES	ASPHALT	7.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R10 & DRIVEWAY LAYOUT SHEET R22
R1	101 WEST	101+67.4	LT	34.0	VARIES	TYPE 4	N/A	−90	8.0	−1.0%	47.2	VARIES	ASPHALT	7.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R10 & DRIVEWAY LAYOUT SHEET R22
R1	171 / 172	102+48.4	RT	28.0	VARIES	TYPE 4	N/A	90	5.0	−1.0%	57.2	VARIES	ASPHALT	6.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R11 & DRIVEWAY LAYOUT SHEET R22
R1	170	103+20.9	RT	11.0	11.0	TYPE 4	N/A	90	5.0	1.0%	22.5	VARIES	ASPHALT	6.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R11 & DRIVEWAY LAYOUT SHEET R22
R1	101 EAST	103+29.0	LT	28.0	VARIES	TYPE 4	N/A	−90	8.0	−1.0%	39.9	VARIES	ASPHALT	6.0	7.0	DETAIL 1, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R12 & DRIVEWAY LAYOUT SHEET R22
R1	102 WEST	103+92.4	LT	22.7	22.7	N/A	10	−90	9.6	2.0%	32.3	2.1%	ASPHALT	6.0	8.0	DETAIL 1, SHEET D4	SEE INTERSECTION LAYOUT SHEET R24
R1	169	104+44.0	RT	24.0	24.0	TYPE 4	N/A	90	5.0	1.5%	15.5	−1.6%	ASPHALT	5.0	8.0	DETAIL 1, SHEET D3	
R1	102 EAST	105+60.6	LT	26.0	26.0	N/A	15	−90	8.5	1.3%	24.0	1.3%	ASPHALT	N/A	N/A	DETAIL 2, SHEET D4	SEE INTERSECTION LAYOUT SHEET R25
R1	167	105+98.8	RT	25.5	25.5	TYPE 2	N/A	90	5.0	2.0%	24.0	13.1%	ASPHALT	5.0	8.0	DETAIL 1, SHEET D3	
R2	166	108+56.8	RT	26.0	26.0	TYPE 4	N/A	90	9.0	1.0%	18.0	−6.3%	ASPHALT	5.0	9.0	DETAIL 1, SHEET D3	
R2	165	109+28.3	RT	24.0	24.0	TYPE 4	N/A	90	12.0	1.5%	31.6	−3.3%	ASPHALT	5.0	8.0	DETAIL 1, SHEET D3	SEE INTERSECTION LAYOUT SHEET R15
R2	164	111+15.9	RT	28.0	37.4	TYPE 4	N/A	90	11.0	2.0%	24.5	2.8%	ASPHALT	6.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY LAYOUT SHEET R26
R2	163	111+98.1	RT	71.0	82.7	TYPE 4	N/A	90	11.0	2.0%	24.5	4.5%	ASPHALT	7.0	6.0	DETAIL 1, SHEET D3	SEE DRIVEWAY LAYOUT SHEET R26
R2	161 WEST	114+69.1	RT	21.0	21.0	TYPE 4	N/A	90	8.0	1.5%	14.5	4.0%	ASPHALT	6.0	7.0	DETAIL 3, SHEET D3	SEE DRIVEWAY LAYOUT SHEET R27
R3	161 CENTER	115+52.0	RT	21.1	21.1	N/A	10	90	9.6	1.4%	25.0	0.7%	ASPHALT	6.0	6.0	DETAIL 2, SHEET D4	SEE DRIVEWAY LAYOUT SHEET R27
R3	161 EAST	116+42.7	RT	20.0	20.0	TYPE 4	N/A	90	8.0	1.5%	20.3	3.9%	ASPHALT	6.0	7.0	DETAIL 3, SHEET D3	SEE DRIVEWAY LAYOUT SHEET R27
R3	106 WEST	117+11.4	LT	22.0	22.0	TYPE 2	N/A	−90	8.0	2.0%	22.1	6.7%	GRAVEL	N/A	5.0	DETAIL 2, SHEET D3	SEE INTERSECTION LAYOUT SHEET R17
R3	160	117+77.6	RT	16.5	16.5	TYPE 4	N/A	90	12.0	1.0%	21.2	1.0%	ASPHALT	9.0	–	DETAIL 3, SHEET D3	SHARED CURB CUT WITH PARCEL 159
R3	159 WEST	118+00.1	RT	17.5	17.5	TYPE 4	N/A	90	14.5	1.0%	24.5	1.7%	GRAVEL	–	6.0	DETAIL 3, SHEET D3	SHARED CURB CUT WITH PARCEL 160
R3	159 EAST	118+55.0	RT	9.7	9.7	TYPE 4	N/A	90	8.0	2.0%	22.0	3.8%	GRAVEL	7.0	6.0	DETAIL 3, SHEET D3	
R3	158	119+43.7	RT	26.0	26.0	TYPE 4	N/A	90	12.0	1.5%	31.1	1.5%	GRAVEL	6.0	8.0	DETAIL 3, SHEET D3	
R3	107	119+47.3	LT	12.0	12.0	TYPE 4	N/A	−90	12.9	2.0%	26.5	VARIES	GRAVEL	6.0	8.0	DETAIL 2, SHEET D3	SEE DRIVEWAY PLAN & PROFILE SHEET R12
R3	108	121+18.7	LT	70.2	70.2	TYPE 2	N/A	−90	8.0	2.0%	29.5	7.4%	GRAVEL	5.0	6.0	DETAIL 2, SHEET D3	
R4	157 EAST	121+60.3	RT	35.0	N/A	TYPE 2	N/A	90	5.0	1.5%	16.4	7.3%	ASPHALT	6.0	–	DETAIL 1, SHEET D3	SEE INTERSECTION LAYOUT SHEET R19
R4	109	122+18.9	LT	20.0	20.0	TYPE 1A	N/A	−90	12.0	2.0%	18.5	3.0%	ASPHALT	–	6.0	DETAIL 2, SHEET D3	SEE INTERSECTION LAYOUT SHEET R19
R4	110	123+31.9	LT	12.0	12.0	TYPE 4	N/A	−90	11.0	2.0%	23.9	6.1%	ASPHALT	6.0	6.0	DETAIL 4, SHEET D3	
R4	156	123+42.9	RT	28.0	28.0	TYPE 4	N/A	90	12.0	2.0%	23.1	2.5%	ASPHALT	6.0	6.0	DETAIL 3, SHEET D3	
R4	155	124+04.6	RT	24.0	24.0	N/A	10	90	10.0	2.0%	24.2	6.3%	GRAVEL	6.0	6.0	DETAIL 1, SHEET D4	SEE DRIVEWAY LAYOUT SHEET R28
R4	111	124+60.6	LT	26.0	31.1	N/A	10	−90	9.6	1.2%	30.8	1.0%	ASPHALT	6.0	6.0	DETAIL 1, SHEET D4	SEE DRIVEWAY LAYOUT SHEET R28

RECONSTRUCT DRIVEWAY NOTES:

1. *BEGIN TRANSITION TO EXISTING DRIVEWAY WIDTH AT ROW LINE.*
2. *"LANDING LENGTH" BEGINS AT THE BACK OF CURB & GUTTER OR LIP OF CURB EXTENDED (IF THERE IS NO CURB & GUTTER).*
3. *"LANDING GRADE" IS THE GRADE OF THE LANDING FROM THE BACK OF CURB & GUTTER OR LIP OF CURB EXTENDED (IF THERE IS NO CURB & GUTTER) TO THE END OF LANDING.*
4. *"SKEW ANGLE" ("+" IS CLOCKWISE AND "−" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DEGREES ALIGNED ALONG INCREASING STATIONS.*
5. *"TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF CURB & GUTTER OR LIP OF CURB & GUTTER EXTENDED (IF THERE IS NOT CURB & GUTTER).*
6. *"PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE END OF THE LANDING TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.*
7. *SEE SHEET T2 FOR RECONSTRUCT DRIVEWAY SUMMARY TABLE CONTINUED.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198
& 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20
BASIS OF THIS DATUM GAAB 1972 ADJUST		

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123599
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET T1 of T5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Summary Tables_Phase 1.dwg

20.28

RECONSTRUCT DRIVEWAY (CONTINUED)

SHEET	PARCEL	CENTERLINE REFERENCE		DRIVEWAY WIDTH AT CURB OR EDGE OF PAVEMENT (FT)	DRIVEWAY WIDTH AT ROW (FT)	CURB CUT TYPE	RADIUS (FT)	SKEW ANGLE (DEGREES)	LANDING LENGTH (FT)	LANDING GRADE	TOTAL DISTANCE (FT)	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	L1 (FT)	L2 (FT)	CONSTRUCT PER DETAIL	REMARKS
		STATION	OFFSET														
R5	103 WEST	12+54.9	RT	36.3	36.3	TYPE 2	N/A	90	5.0	1.5%	15.0	5.6%	ASPHALT	N/A	N/A	DETAIL 1, SHEET D3	LAUREL STREET
R5	103 EAST	20+51.7	LT	33.8	33.8	N/A	5 (NORTH)	−86	N/A	N/A	11.6	−8.1%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D4	HICKORY PLACE
R6	104	33+94.1	LT	20.2	20.2	N/A	10	−90	9.6	1.0%	31.2	7.4%	ASPHALT	5.0	N/A	DETAIL 2, SHEET D4	FOLKER STREET, SEE INTERSECTION LAYOUT SHEET R26
R7	106 EAST	45+52.3	LT	25.0	25.0	N/A	N/A	−82	N/A	N/A	11.8	3.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D4	BRANTLEY PLACE
R7	157 WEST	52+54.4	RT	22.5	N/A	N/A	N/A	90	N/A	N/A	8.3	14.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D4	WRIGHT STREET

30.02

P.C.C. CURB AND GUTTER (ALL TYPES)

SHEET	STATION TO STATION	OFFSET (FT)	LENGTH (FT)	REMARKS
R1	99+78.1 TO 108+00	LT	1018	INCLUDES SIDE STREETS, DRIVEWAYS, & MEDIAN
R1	100+86.7 TO 108+00	RT	890	INCLUDES SIDE STREETS, DRIVEWAYS, & MEDIAN
R2	108+00.0 TO 115+00	LT	928	INCLUDES SIDE STREETS & DRIVEWAYS
R2	108+00.0 TO 115+00	RT	787	INCLUDES SIDE STREETS & DRIVEWAYS
R3	115+00.0 TO 121+50.0	LT	665	INCLUDES SIDE STREETS & DRIVEWAYS
R3	115+00.0 TO 121+50.0	RT	676	INCLUDES SIDE STREETS & DRIVEWAYS
R4	121+50.0 TO 127+80.9	LT	604	INCLUDES SIDE STREETS & DRIVEWAYS
R4	121+50.0 TO 127+80.9	RT	655	INCLUDES SIDE STREETS & DRIVEWAYS

PCC CURB & GUTTER (ALL TYPES) NOTES:

1. *SEE INTERSECTION LAYOUT SHEETS AND DRIVEWAY RECONSTRUCTION SHEETS R13–R28 FOR LOCATIONS AND TYPES OF CURB AND GUTTER.*
2. *SEE 20.28 RECONSTRUCT DRIVEWAY TABLE FOR LOCATIONS OF DRIVEWAY CURB CUTS.*

30.02

P.C.C. CURB AND GUTTER (TYPE 1, STEEL CURB FACING)

SHEET	BEGIN STATION	OFFSET (FT)	END STATION	OFFSET (FT)	LENGTH (FT)	REMARKS
R1	105+46.21	15.5 RT	105+76.21	13.0 RT	30.1	
R1	106+29.96	15.5 LT	106+59.96	13.0 LT	30.1	
R1	107+57.68	13.0 LT	107+87.68	15.5 LT	30.1	
R1	107+57.68	13.0 RT	107+87.68	15.5 RT	30.1	
R3	119+52.17	15.5 RT	119+82.17	13.0 RT	30.1	
R3	119+52.17	15.5 LT	119+82.17	13.0 LT	30.1	
R4	122+47.99	13.0 LT	122+77.99	15.5 LT	30.1	
R4	122+47.99	13.0 RT	122+77.99	15.5 RT	30.1	
R8	72+29.48	16.5 LT	72+54.48	13.5 LT	25.2	PIPER STREET
R8	72+29.48	22.0 RT	72+54.48	13.5 RT	26.4	PIPER STREET
R8	73+45.60	13.5 LT	73+70.60	16.5 LT	25.2	PIPER STREET
R8	73+45.60	13.5 RT	73+70.60	22.0 RT	26.4	PIPER STREET

P.C.C. CURB AND GUTTER (TYPE 1, STEEL CURB FACING) NOTES:

1. *SEE DETAIL 3, SHEET D5 FOR STEEL CURB FACING DETAIL.*

RECONSTRUCT DRIVEWAY NOTES:

1. *BEGIN TRANSITION TO EXISTING DRIVEWAY WIDTH AT ROW LINE.*
2. *"LANDING LENGTH" BEGINS AT THE BACK OF CURB & GUTTER OR LIP OF CURB EXTENDED (IF THERE IS NO CURB & GUTTER).*
3. *"LANDING GRADE" IS THE GRADE OF THE LANDING FROM THE BACK OF CURB & GUTTER OR LIP OF CURB EXTENDED (IF THERE IS NO CURB & GUTTER) TO THE END OF LANDING.*
4. *"SKEW ANGLE" ("+" IS CLOCKWISE AND "−" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DEGREES ALIGNED ALONG INCREASING STATIONS.*
5. *"TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF CURB & GUTTER OR LIP OF CURB & GUTTER EXTENDED (IF THERE IS NOT CURB & GUTTER).*
6. *"PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE END OF THE LANDING TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.*

SIDEWALK/PATHWAY TRANSITION SUMMARY

SHEET	PC		RADIUS 1 (FT)	PRC		RADIUS 2 (FT)	PT		REMARKS
	STATION	OFFSET (FT)		STATION	OFFSET (FT)		STATION	OFFSET (FT)	
R2	113+91.57	28.17 RT	20	114+13.83	21.59 RT	35	114+25.23	23.50 RT	FOLKER STREET – SOUTHEAST
R3	116+63.45	23.50 RT	35	116+75.39	21.40 RT	15	116+92.35	26.30 RT	ROSON COURT – SOUTHWEST
R3	117+30.67	26.30 RT	15	117+47.63	21.40 RT	35	117+59.57	23.50 RT	ROSON COURT – SOUTHEAST
R3	119+69.18	22.11 RT	35	119+79.74	19.54 RT	20	120+03.13	25.61 RT	WRIGHT STREET – SOUTHWEST
R3	120+52.69	25.67 RT	20	120+74.95	19.09 RT	35	120+86.35	21.00 RT	WRIGHT STREET – SOUTHEAST
R3	121+16.41	21.00 RT	35	121+26.55	19.50 RT	35	121+36.69	18.00 RT	PARCEL 157
R4	122+31.15	23.80 RT	15	122+48.97	19.25 RT	35	122+60.03	22.03 RT	PARKER PLACE SOUTHEAST
R4	122+93.68	23.50 LT	35	123+03.82	25.00 LT	35	123+13.96	26.50 LT	PARCEL 110
R4	123+49.96	26.50 LT	35	123+60.09	25.00 LT	35	123+70.23	23.50 LT	PARCEL 110

SIDEWALK/PATHWAY TRANSITION SUMMARY NOTES:

1. *SEE SHEET D6, DETAIL 3.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198 & 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D–22	162.47
CB 7B	See MOA Benchmark Book, Page D–18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET T2 of T5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Summary Tables_Phase 1.dwg

30.03

P.C.C. SIDEWALK

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R1	307+09.6	50.6 LT	307+09.4	14.3 LT	36		LAKE OTIS PARKWAY
R1	100+85.5	50.2 LT	100+87.7	34.5 LT	14		
R1	100+86.7	52.0 RT	100+87.2	39.7 RT	12		
R1	100+98.7	21.5 RT	101+43.4	15.5 RT	29		
R1	101+43.4	15.5 RT	101+90.4	15.5 RT		26	PARCEL 172 DRIVEWAY
R1	101+90.4	15.5 RT	102+28.4	15.5 RT	21		
R1	102+28.4	15.5 RT	102+68.4	15.5 RT		22	PARCEL 171/172 DRIVEWAY
R1	102+68.4	15.5 RT	103+09.3	15.5 RT	23		
R1	103+09.3	15.5 RT	103+32.3	15.5 RT		13	PARCEL 170 DRIVEWAY
R1	103+32.3	15.5 RT	104+27.0	15.5 RT	53		
R1	104+27.0	15.5 RT	104+64.0	15.5 RT		21	PARCEL 169 DRIVEWAY
R1	104+64.0	15.5 RT	105+81.2	13.0 RT	65		
R1	105+81.2	13.0 RT	106+19.7	13.0 RT		21	PARCEL 167 DRIVEWAY
R1	106+19.7	13.0 RT	106+70.3	14.4 RT	28		
R1	107+45.8	13.3 RT	108+00.0	15.5 RT	30		
R2	108+00.0	15.5 RT	108+38.8	15.5 RT	22		
R2	108+38.8	15.5 RT	108+78.8	15.5 RT		22	PARCEL 166 DRIVEWAY
R2	108+78.8	15.5 RT	109+11.3	15.5 RT	18		
R2	109+11.3	15.5 RT	109+48.3	15.5 RT		21	PARCEL 165 DRIVEWAY
R2	109+48.3	15.5 RT	110+95.9	15.5 RT	82		
R2	110+95.9	15.5 RT	111+35.9	15.5 RT		22	PARCEL 164 DRIVEWAY
R2	111+35.9	15.5 RT	111+55.6	15.5 RT	11		
R2	111+55.6	15.5 RT	112+39.6	15.5 RT		47	PARCEL 163 DRIVEWAY
R2	112+39.6	15.5 RT	113+40.6	17.3 RT	56		
R2	113+99.1	16.9 RT	114+52.0	18.5 RT	32		
R2	114+52.0	18.5 RT	114+86.0	18.5 RT		19	PARCEL 161 WEST DRIVEWAY
R2	114+86.0	18.5 RT	115+00.0	18.5 RT	8		

30.03

P.C.C. SIDEWALK (CONTINUED)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R3	115+00.0	18.5 RT	115+23.6	18.5 RT	13		
R3	115+27.9	23.5 LT	115+35.9	23.5 LT	4		
R3	115+27.9	39.8 LT	115+35.9	40.2 LT			
R3	115+80.7	18.5 RT	116+27.0	18.5 RT	26		
R3	116+27.0	18.5 RT	116+60.0	18.5 RT		18	PARCEL 161 EAST DRIVEWAY
R3	116+60.0	18.5 RT	116+84.9	16.0 RT	17		
R3	117+39.3	15.8 RT	117+60.4	15.5 RT	15		
R3	117+60.4	18.5 RT	118+14.9	18.5 RT		30	PARCEL 159 WEST & 160 DRIVEWAY
R3	118+14.9	18.5 RT	118+43.1	18.5 RT	16		
R3	118+43.1	18.5 RT	118+65.8	18.5 RT		13	PARCEL 159 EAST DRIVEWAY
R3	118+65.8	18.5 RT	119+24.7	18.5 RT	33		
R3	119+24.7	18.5 RT	119+64.2	17.5 RT		22	PARCEL 158 DRIVEWAY
R3	119+64.2	17.5 RT	119+95.6	14.4 RT	20		
R3	120+61.4	14.0 RT	120+86.4	13.0 RT	17		
R3	120+86.4	16.0 RT	121+16.4	16.0 RT	17		
R3	121+16.4	13.0 RT	121+36.7	13.0 RT	15		
R3	121+36.7	13.0 RT	121+50.0	13.0 RT		7	PARCEL 157 DRIVEWAY
R4	121+50.0	13.0 RT	121+83.4	13.5 RT		18	PARCEL 157 DRIVEWAY
R4	122+39.8	13.3 RT	122+60.7	14.1 RT	15		
R4	122+60.7	17.1 RT	123+22.9	18.5 RT	35		
R4	123+22.9	18.5 RT	123+62.9	18.5 RT		22	PARCEL 156 DRIVEWAY
R4	123+62.9	18.5 RT	123+74.6	18.5 RT	6		
R4	124+34.6	18.5 RT	126+58.5	18.5 RT	124		
R4	127+38.2	18.5 RT	127+75.9	18.5 RT	21		
R4	127+38.6	18.5 LT	127+75.9	18.5 LT	21		
R5	12+23.9	22.2 RT	12+36.4	18.0 RT	8		
R5	12+25.7	21.3 LT	12+73.0	18.0 LT	27		
R5	12+36.4	18.0 RT	12+73.0	18.0 RT		20	PARCEL 103 WEST DRIVEWAY
R6	33+33.6	14.0 LT	33+67.0	13.0 LT	29		
R8	72+24.5	22.0 RT	72+64.5	22.0 RT	22		
R8	72+54.5	26.5 LT	72+66.9	26.5 LT	11		
R8	73+36.4	22.0 RT	73+75.6	22.0 RT	22		
R8	73+33.0	26.5 LT	73+45.6	26.5 LT	11		

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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
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STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET T3 of T5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Summary Tables_Phase 1.dwg

30.04

P.C.C. CURB RAMP (6" THICK) & DETECTABLE WARNINGS

SHEET	APPX STATION	OFFSET (FT)	CURB RAMP AREA (SY)	DETECTABLE WARNING AREA (SF)	CURB RAMP TYPE	REMARKS
R1	307+05	3.4 LT	11	21	UNIDIRECTIONAL	LAKE OTIS PARKWAY
R1	100+92	27.1 LT	18	11	PARALLEL	LAKE OTIS PARKWAY
R1	100+93	27.6 RT	19	11	PARALLEL	LAKE OTIS PARKWAY
R1	103+75	17.8 LT	12		UNIDIRECTIONAL	PARCEL 102 WEST DRIVEWAY
R1	104+09	17.8 LT	14		UNIDIRECTIONAL	PARCEL 102 WEST DRIVEWAY
R1	105+41	19.9 LT	12		PARALLEL	PARCEL 102 EAST DRIVEWAY
R1	105+80	19.9 LT	15		PARALLEL	PARCEL 102 EAST DRIVEWAY
R1	106+78	18.8 RT	8	11	PARALLEL	LAUREL STREET
R1	106+83	18.8 LT	14	11	PARALLEL	LAUREL STREET
R1	107+33	18.8 RT	10	11	PARALLEL	LAUREL STREET
R1	107+37	18.8 LT	16	11	PARALLEL	LAUREL STREET
R2	108+60	20.9 LT	12	12	PARALLEL	HICKORY PLACE
R2	109+03	20.9 LT	14	12	PARALLEL	HICKORY PLACE
R2	113+49	22.8 RT	8	11	PARALLEL	FOLKER STREET
R2	113+49	22.9 LT	17	11	PARALLEL	FOLKER STREET
R2	113+89	22.8 LT	8	10	PERPENDICULAR	FOLKER STREET
R2	113+90	22.9 RT	9	11	PARALLEL	FOLKER STREET
R3	115+32	15.5 LT	12	16	PERPENDICULAR	PATHWAY CONNECTION
R3	115+35	16.8 RT	12		UNIDIRECTIONAL	PARCEL 161 CENTER DRIVEWAY
R3	115+70	16.8 RT	12		UNIDIRECTIONAL	PARCEL 161 CENTER DRIVEWAY
R3	116+94	20.9 RT	8	12	PARALLEL	ROSON COURT
R3	117+29	20.9 RT	9	12	PARALLEL	ROSON COURT
R3	118+31	20.9 LT	13	12	PARALLEL	BRANTLEY PLACE
R3	118+62	20.9 LT	13	12	PARALLEL	BRANTLEY PLACE
R3	120+05	20.3 LT	12	11	PARALLEL	WRIGHT STREET
R3	120+05	20.3 RT	9	11	PARALLEL	WRIGHT STREET
R3	120+51	20.4 RT	9	11	PARALLEL	WRIGHT STREET
R3	120+51	20.3 LT	13	11	PARALLEL	WRIGHT STREET
R4	121+93	18.4 RT	8	12	PARALLEL	PARKER PLACE
R4	121+94	13.0 LT	15	10	PARALLEL	PARKER PLACE
R4	122+29	18.4 RT	9	12	PARALLEL	PARKER PLACE
R4	123+88	18.4 RT	12		UNIDIRECTIONAL	PARCEL 155 DRIVEWAY
R4	124+22	17.7 RT	12		UNIDIRECTIONAL	PARCEL 111 DRIVEWAY
R4	124+43	17.7 LT	12		UNIDIRECTIONAL	PARCEL 155 DRIVEWAY
R4	124+80	17.8 LT	12		UNIDIRECTIONAL	PARCEL 111 DRIVEWAY
R6	33+78	15.3 LT	11		UNIDIRECTIONAL	PARCEL 104 DRIVEWAY

30.04

P.C.C. CURB RAMP (6" THICK, RED) & DETECTABLE WARNINGS

SHEET	APPX STATION	OFFSET (FT)	CURB RAMP AREA (SY)	DETECTABLE WARNING AREA (SF)	CURB RAMP TYPE	REMARKS
R4	126+76	21.2 LT	28	42	PARALLEL	PIPER STREET
R4	126+76	21.3 RT	28	42	PARALLEL	PIPER STREET
R4	127+21	21.3 LT	27	42	PARALLEL	PIPER STREET
R4	127+21	21.3 RT	26	42	PARALLEL	PIPER STREET

PCC CURB RAMP & DETECTABLE WARNING NOTES:

1. *SEE INTERSECTION LAYOUT SHEETS R13–R28 FOR FOR LOCATIONS OF CURB RAMPS AND DETECTABLE WARNINGS.*

30.10

COLORED CONCRETE (RED, IMPRINTED)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R1	100+44.8	–	100+58.9	–	58		LAKE OTIS MEDIAN – SEE SHEET R13
R2	114+25.3	15.5 RT	114+52.0	15.5 RT	9		
R2	114+52.0	15.5 RT	114+86.0	15.5 RT		11	PARCEL 161 WEST DRIVEWAY
R2	114+86.0	15.5 RT	115+00.0	15.5 RT	5		
R3	115+00.0	15.5 RT	115+23.6	15.5 RT	8		
R3	115+80.7	15.5 RT	116+27.0	15.5 RT	15		
R3	116+27.0	15.5 RT	116+60.0	15.5 RT		11	PARCEL 161 EAST DRIVEWAY
R3	116+60.0	15.5 RT	116+62.5	15.5 RT	1		
R3	117+60.5	15.5 RT	118+14.9	15.5 RT		18	PARCEL 160 & 159 WEST DRIVEWAY
R3	118+14.9	15.5 RT	118+43.1	15.5 RT	9		
R3	118+43.1	15.5 RT	118+65.8	15.5 RT		8	PARCEL 159 EAST DRIVEWAY
R3	118+65.8	15.5 RT	119+24.7	15.5 RT	20		
R3	119+24.7	15.5 RT	119+64.0	14.5 RT		13	PARCEL 158 DRIVEWAY
R3	119+64.0	14.5 RT	119+68.5	14.1 RT	2		
R3	120+86.4	13.0 RT	121+16.4	13.0 RT	10		
R4	122+60.7	14.1 RT	123+22.9	15.5 RT	21		
R4	123+14.0	15.5 LT	123+20.0	15.5 LT	2		
R4	123+20.0	15.5 LT	123+44.0	15.5 LT		8	PARCEL 110 DRIVEWAY
R4	123+22.9	15.5 RT	123+62.9	15.5 RT		13	PARCEL 156 DRIVEWAY
R4	123+44.0	15.5 LT	123+50.0	15.5 LT	2		
R4	123+62.9	15.5 RT	123+74.6	15.5 RT	4		
R4	123+82.5	15.5 RT	126+58.5	15.5 RT	75		
R4	127+38.2	15.5 RT	127+75.9	15.5 RT	13		
R4	127+38.5	15.5 LT	127+75.9	15.5 LT	12		

30.12

HIGH–PERFORMANCE CONCRETE (8" THICK, NATURAL, BROOM FINISH)

SHEET	APPX BEGIN STA	APPX END STA	8" THICK, AREA (SY)	REMARKS
R4	72+59.7	72+70.7	30	PIPER STREET
R4	73+29.2	73+40.2	30	PIPER STREET

30.12

HIGH–PERFORMANCE CONCRETE (8" THICK, RED, BROOM FINISH)

SHEET	APPX BEGIN STA	APPX END STA	8" THICK, AREA (SY)	REMARKS
R4	126+66.7	126+77.0	36	
R4	127+20.4	127+30.4	36	
R4	72+70.7	72+80.7	38	PIPER STREET
R4	73+19.2	73+29.2	38	PIPER STREET

HIGH–PERFORMANCE CONCRETE NOTES:

1. *SEE INTERSECTION LAYOUT SHEET R20 FOR RAISED INTERSECTION LAYOUT.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
AS-BUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
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CONSULTANT

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET T4 of T5

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Summary Tables_Phase 1.dwg

50.06

REMOVE AND REPLACE MANHOLE CONE SECTION OR REMOVE AND REPLACE MANHOLE COVER AND FRAME

SHEET	STATION	OFFSET (FT)	CONE SECTION	COVER AND FRAME	REMARKS
R1	99+99	2.2 RT		X	
R1	102+63	38.4 LT		X	
R1	103+75	27.0 LT	X		
R1	103+87	9.3 RT		X	
R1	107+00	8.1 RT	X		
R2	108+93	7.8 RT	X		
R2	110+45	7.9 RT	X		
R2	111+59	8.4 RT	X		
R2	113+59	8.5 RT	X		
R3	118+47	8.6 RT	X		
R3	118+88	9.6 RT	X		
R3	120+20	7.8 RT		X	
R4	123+58	5.7 RT	X		
R4	124+46	5.0 RT		X	

REMOVE AND REPLACE MANHOLE CONE SECTION OR REMOVE AND REPLACE MANHOLE COVER AND FRAME NOTES:

1. *SEE MASS DETAIL 50–05, 50–25 AND 50–26.*
2. *COORDINATE WITH ENGINEER IN FIELD TO VERIFY WHETHER CONE OR MANHOLE COVER AND FRAME ADJUSTMENT IS REQUIRED.*
3. *PER THE SECTION 50.06 SPECIAL PROVISIONS THE REMOVE AND REPLACE MANHOLE CONE SECTION PAY ITEM INCLUDES REMOVING AND REPLACING THE MANHOLE COVER AND FRAME. SEE SECTION 50.06 SPECIAL PROVISIONS FOR A COMPLETE LIST OF INCIDENTAL ITEMS.*

50.09

ADJUST CLEANOUT TO FINISH GRADE

SHEET	STATION	OFFSET (FT)	REMARKS
R3	117+68	9.4 RT	
R4	125+67	6.6 RT	

55.07 & 55.08

ADJUST STORM DRAIN MANHOLE CONE OR RING

SHEET	STATION	OFFSET (FT)	CONE	RING	REMARKS
R1	307+13	55.5 RT		X	
R1	307+27	55.2 RT		X	
R1	103+83	39.9 LT		X	
R4	127+01	16.4 RT	X		ADD 1–FOOT BARREL SECTION
R4	127+01	77.4 RT		X	

ADJUST STORM DRAIN MANHOLE CONE OR RING NOTES:

1. *SEE MASS DETAIL 55–17 & 55–18.*

60.03

REMOVE AND REPLACE VALVE BOX TOP SECTION

SHEET	STATION	OFFSET (FT)	REMARKS
R1	306+94	39.9 RT	
R1	307+15	37.8 RT	
R1	307+18	14.5 RT	
R1	307+18	54.6 LT	

REMOVE AND REPLACE VALVE BOX TOP SECTION NOTES:

1. *SEE MASS DETAIL 60–08.*

70.18

CHAIN LINK FENCE (WOOD CLAD)

SHEET	PROPOSED LOCATION				LENGTH (FT)	REMARKS
	APPROX BEGIN	APPROX BEGIN	APPROX END	APPROX END		
	STATION	OFFSET	STATION	OFFSET		
R2	109+05.2	37.0 LT	109+11.1	32.2 LT	7.6	
R2	109+11.1	32.2 LT	109+18.0	28.8 LT	7.6	
R2	109+18.0	28.8 LT	109+25.4	27.1 LT	7.6	
R2	109+25.4	27.1 LT	110+77.3	27.1 LT	151.8	

CHAIN LINK FENCE (WOOD CLAD) NOTES:

1. *SEE SHEET D10, DETAIL 1 FOR CHAIN LINK FENCE (WOOD CLAD) DETAILS.*
2. *STAKE FENCE LAYOUT IN FIELD FOR ENGINEER TO REVIEW AND APPROVE PRIOR TO INSTALLATION. THIS WORK SHALL BE INCIDENTAL TO SECTION 70.18 PAY ITEM.*

SPECIAL FILL GRADING TABLE

SHEET	APPROX BEGIN STATION	APPROX END STATION	OFFSET	REMARKS
R1	103+26	104+32	RT	
R1	104+56	104+90	RT	
R1	105+30	105+45	LT	
R1	105+75	106+87	LT	
R1	106+12	106+82	RT	
R4	121+80	122+08	LT	
R4	122+09	122+41	LT	
R5	20+36	20+50	RT	HICKORY PLACE
R5	20+84	20+92	LT	HICKORY PLACE
R6	32+22	32+59	RT	FOLKER STREET
R6	32+23	32+80	LT	FOLKER STREET
R6	33+33	33+75	RT	FOLKER STREET
R7	52+43	52+79	LT	WRIGHT STREET
R7	53+28	53+59	LT	WRIGHT STREET

SPECIAL FILL GRADING NOTES:

1. *SPECIAL FILL GRADING SHALL BE PER DETAIL 3, SHEET C6.*
2. *LOCATIONS ARE APPROXIMATE, CONTRACTOR SHALL MODIFY LOCATIONS IN THE FIELD PER THE DIRECTION OF THE ENGINEER OR AS NECESSARY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.*

RECORD DRAWING

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PROFILE	RB	JK
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WATER/SANITARY SEWER	AA	JK
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TELEPHONE	TS	AR
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DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA — 49 TH — REGISTERED PROFESSIONAL ENGINEER — Robert W. Burdick — CE-123959 — 3/27/24

SEAL

MUNICIPALITY OF ANCHORAGE

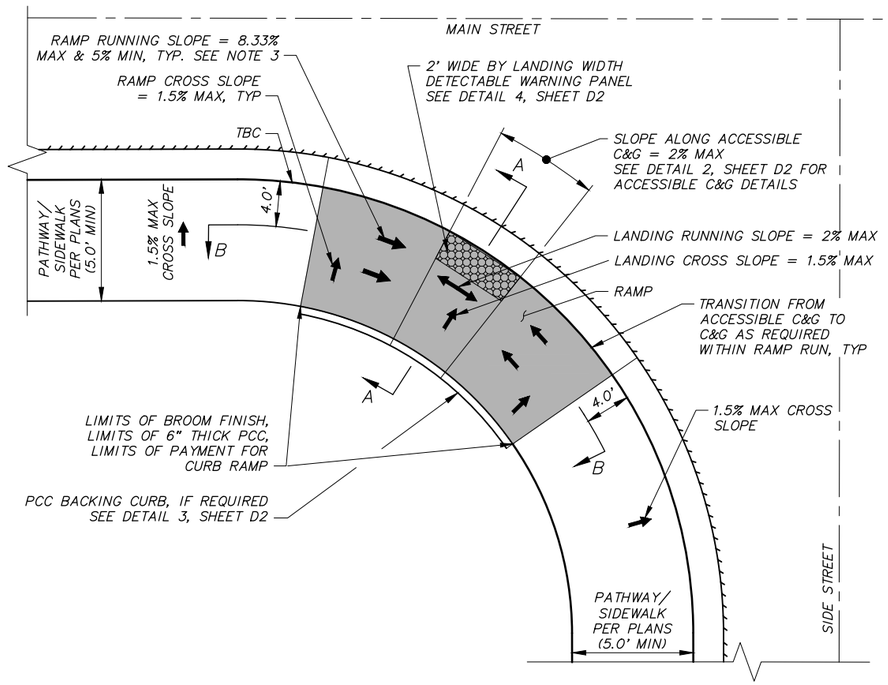
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET T5 of T5

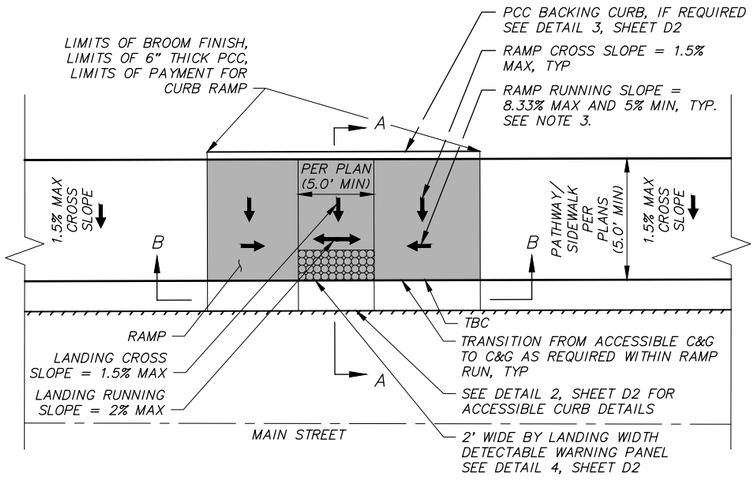
File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Summary Tables_Phase 1.dwg



TYPICAL PARALLEL CURB RAMP AT CORNER LOCATION WITH CONNECTING SIDE STREET SIDEWALK - PLAN VIEW

1

SCALE: NTS



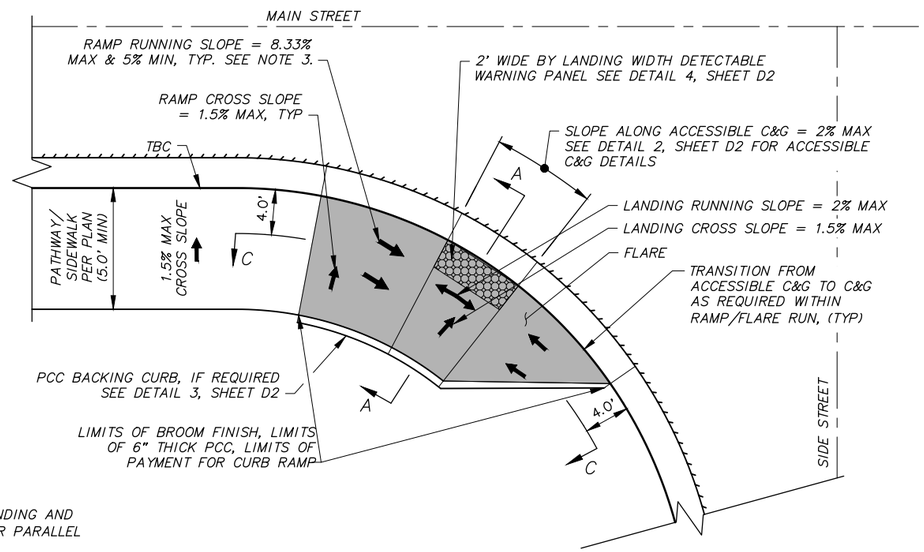
TYPICAL PARALLEL CURB RAMP AT NON-CORNER LOCATION - PLAN VIEW

2

SCALE: NTS

SHEET NOTES:

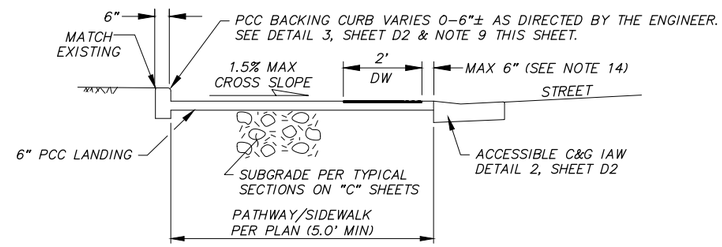
1. SEE SHEETS R13–R28 FOR CURB RAMP TYPES, LOCATIONS, RAMP, LANDING AND FLARE LENGTHS AND ELEVATIONS. RAMP/FLARE/LANDING LENGTH FOR PARALLEL CURB RAMPS SHALL BE AS MEASURED 4' OFF BACK OF CURB.
2. NOTIFY ENGINEER PRIOR TO INSTALLATION OF CONCRETE IF MAXIMUM/MINIMUM SLOPES CANNOT BE MAINTAINED.
3. FOR PARALLEL CURB RAMPS, RAMPS SHALL BE 15 FEET MAXIMUM. RAMPS SHALL HAVE THE OUTSIDE EDGES AND JOINTS TRIMMED WITH A 1/4–INCH RADIUS EDGING TOOL.
4. ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.
5. MINIMUM FLOWLINE SLOPE IN CURB RETURN IS 0.5%, UNLESS OTHERWISE NOTED.
6. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
7. CONSTRUCT SIDEWALK ADJACENT TO CURB RAMP PER THE TYPICAL SECTIONS SHOWN ON THE "C" SHEETS.
8. PAYMENT FOR ALL PCC CURB AND GUTTER, INCLUDING MODIFIED AND TRANSITIONAL CURB, SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
9. FORM BACKING CURB AS DIRECTED BY THE ENGINEER TO MATCH EXISTING GROUND. PAYMENT FOR THIS CURB SHALL BE MADE UNDER THE BID ITEM "P.C.C. CURB RAMP (6" THICK)" AND NO ADDITIONAL PAYMENT SHALL BE MADE. IF EXISTING GROUND BEHIND SIDEWALK IS GRAVEL OR GRASS, GRADE TO MATCH EXISTING GROUND. PAYMENT FOR GRADING SHALL BE MADE UNDER THE BID ITEM "P.C.C. CURB RAMP (6" THICK)" AND NO ADDITIONAL PAYMENT SHALL BE MADE. 4" TOPSOIL AND SEEDING SHALL BE PLACED ON DISTURBED GRASS AREAS.
10. CONSTRUCT RAMPS AND LANDINGS WITH A BROOM FINISH RUNNING PERPENDICULAR TO THE DIRECTION OF TRAVEL.
11. INSTALL YELLOW ADA APPROVED DETECTABLE WARNINGS (DW) PANELS UNLESS OTHERWISE NOTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND THESE DRAWINGS. SET DETECTABLE WARNINGS SO THAT THE FIELD AREA AT THE BASE OF THE DOMES IS FLUSH WITH THE SURROUNDING CONCRETE. THERE SHALL BE NO LIP AT THE EDGE OF THE DETECTABLE CURB WARNINGS. SEE DETAIL 4, SHEET D2.
12. DETECTABLE WARNINGS DOMES AT PARALLEL CURB RAMPS SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINATE DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
13. RAMP LOCATIONS MAY BE ADJUSTED TO ENSURE MINIMUM 48" CLEARANCE AROUND APPURTENANCES SUCH AS SIGNAL POLES, POWER POLES, LIGHT POLES, J–BOXES, SIGNS, CATCH BASINS AND MANHOLES. PRIOR TO PLACEMENT OF CONCRETE AND APPURTENANCES, THE RAMP LAYOUT AND LOCATION SHALL BE APPROVED BY THE ENGINEER.
14. GAP BETWEEN DETECTABLE WARNING PANELS AND BACK OF CURB ONLY ALLOWABLE AT CENTER OF CURB RAMPS. CORNERS OF DETECTABLE WARNINGS SHALL BE FLUSH WITH BACK OF CURB. IF REQUIRED BY THE ENGINEER CONTRACTOR SHALL CUT DETECTABLE WARNING PANELS PER THE MANUFACTURER'S RECOMMENDATIONS. CUTTING DW PANELS SHALL BE INCIDENTAL TO 30.04 DETECTABLE WARNINGS PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.



TYPICAL PARALLEL CURB RAMP AT CORNER LOCATION WITHOUT CONNECTING SIDE STREET SIDEWALK - PLAN VIEW

3

SCALE: NTS



TYPICAL CURB RAMP SECTIONS

4

SCALE: NTS

RECORD DRAWING
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PROFILE	RB	JK
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WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198 & 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D–22	162.47
CB 7B	See MOA Benchmark Book, Page D–18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
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PHONE: (907) 562–3252
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

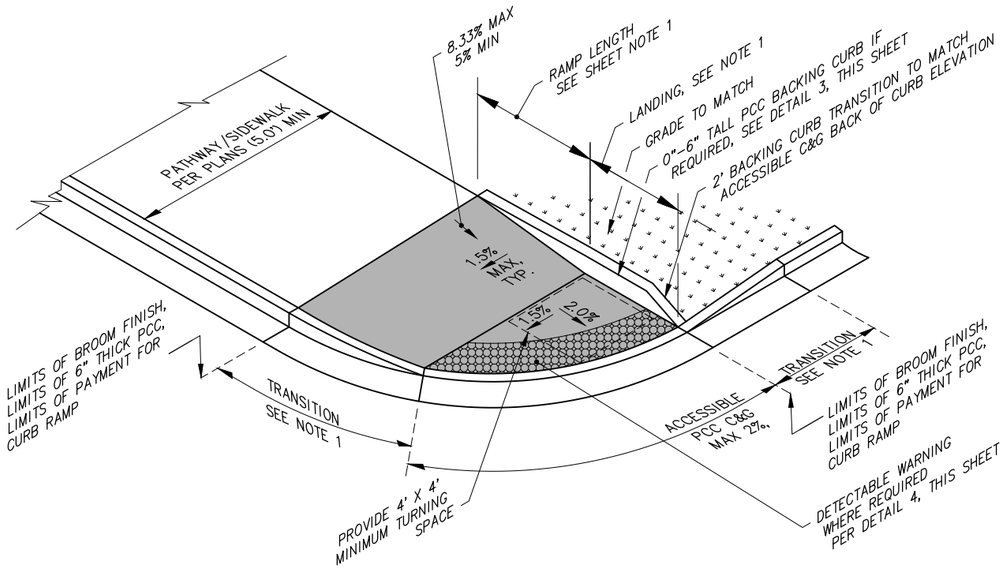
18–06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

CURB RAMPS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D1 of D12

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg

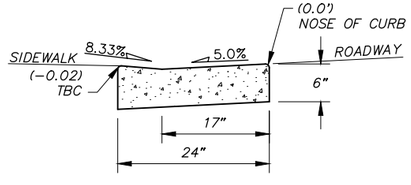


UNIDIRECTIONAL CURB RAMP NOTES:

1. SEE SHEET NOTES ON SHEET D1.

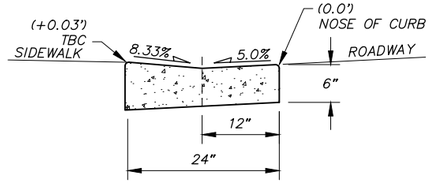
1 UNIDIRECTIONAL CURB RAMP

SCALE: NTS



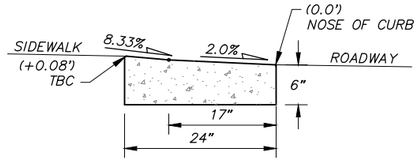
PCC CURB AND GUTTER TYPE 1A

FOR USE IN CURB RAMPS WITH TYPE 1 C&G.



PCC CURB AND GUTTER TYPE 2A

FOR USE IN CURB RAMPS WITH TYPE 2 C&G



PCC CURB AND GUTTER TYPE 3A

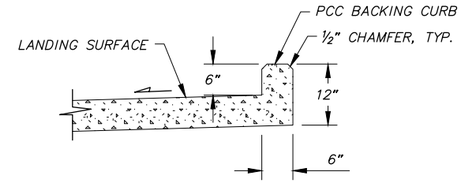
FOR USE IN CURB RAMPS WITH TYPE 3 C&G.

ACCESSIBLE CURB & GUTTER NOTES:

1. TRANSITION CURBS TO MAINTAIN CONSTANT FLOWLINE ACROSS CURB RAMP AND AROUND CURB RETURN IAW PLANS.
2. PAYMENT FOR ALL PCC CURB AND GUTTER, INCLUDING MODIFIED AND TRANSITIONAL CURB, SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.

2 ACCESSIBLE CURB & GUTTER SECTIONS (TYPE 1A, TYPE 2A, & TYPE 3A)

SCALE: NTS



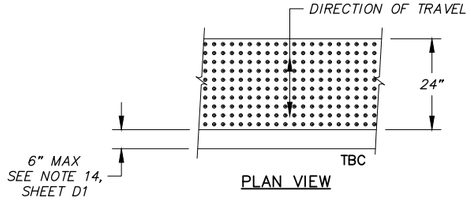
MONOLITHIC

BACKING CURB DETAIL NOTES:

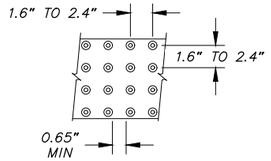
1. THE TOP OF BACKING CURB SHALL TRANSITION BACK TO TOP OF SIDEWALK AT TOP RAMP SECTION OF CURB RAMP.

3 BACKING CURB DETAIL

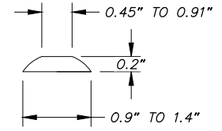
SCALE: NTS



PLAN VIEW



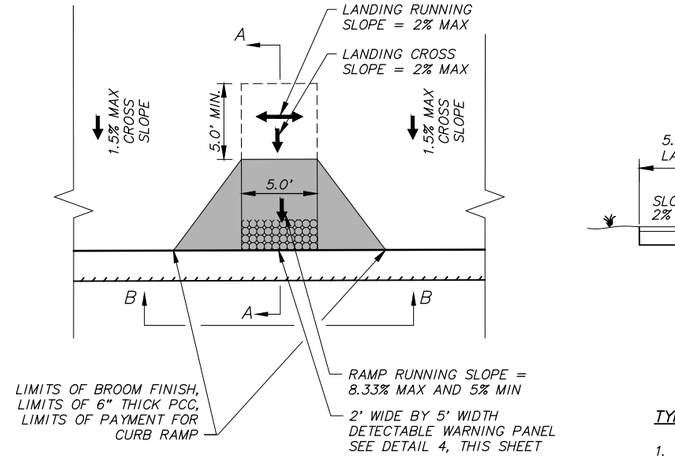
DOME PLAN



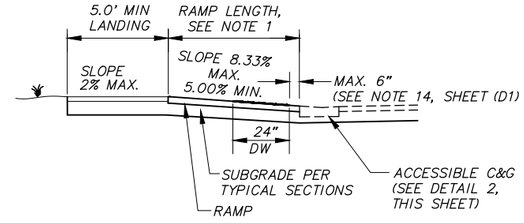
DOME SECTION

4 DETECTABLE WARNING PANEL

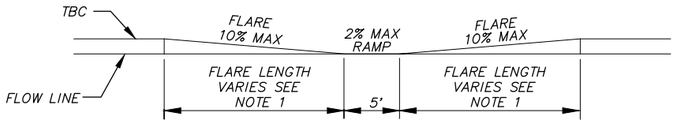
SCALE: NTS



PLAN VIEW



SECTION A–A



SECTION B–B

TYPICAL PERPENDICULAR CURB RAMP NOTES:

1. SEE SHEET NOTES ON SHEET D1.

5 TYPICAL PERPENDICULAR CURB RAMP

SCALE: N.T.S

RECORD DRAWING

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STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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STATE OF ALASKA — 49TH — Robert W. Burdick CE-12969 3/27/24 — REGISTERED PROFESSIONAL ENGINEER

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

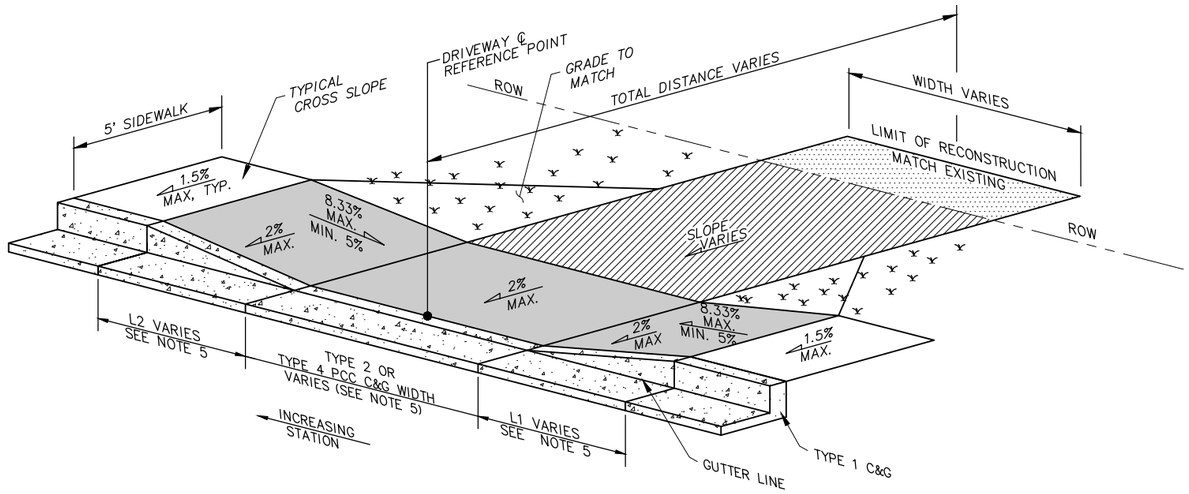
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

CURB RAMPS

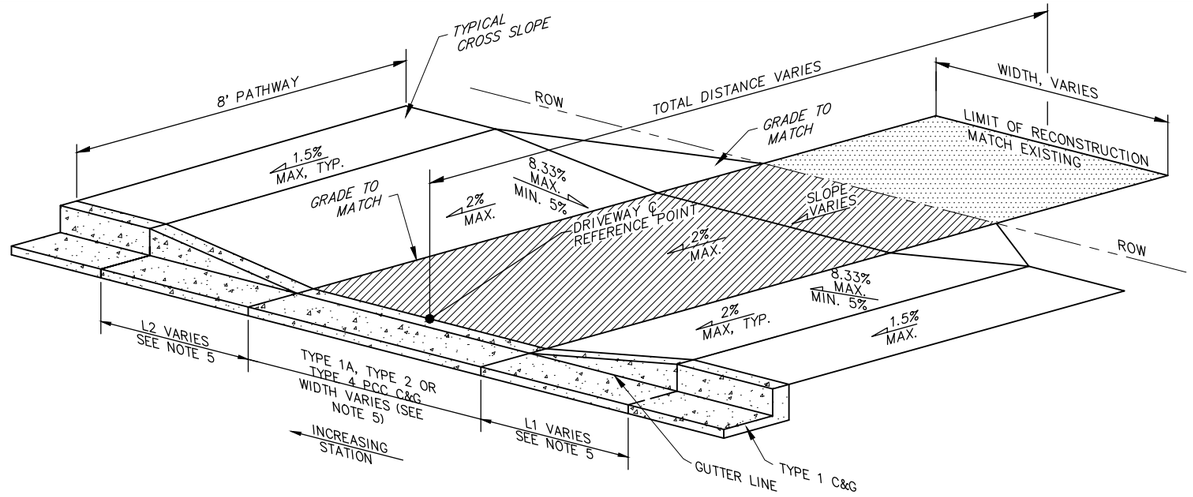
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D2 of D12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



1 TYPICAL DRIVEWAY CURB CUT WITH SIDEWALK & NO BUFFER

SCALE: NTS



2 TYPICAL DRIVEWAY CURB CUT WITH PATHWAY & NO BUFFER

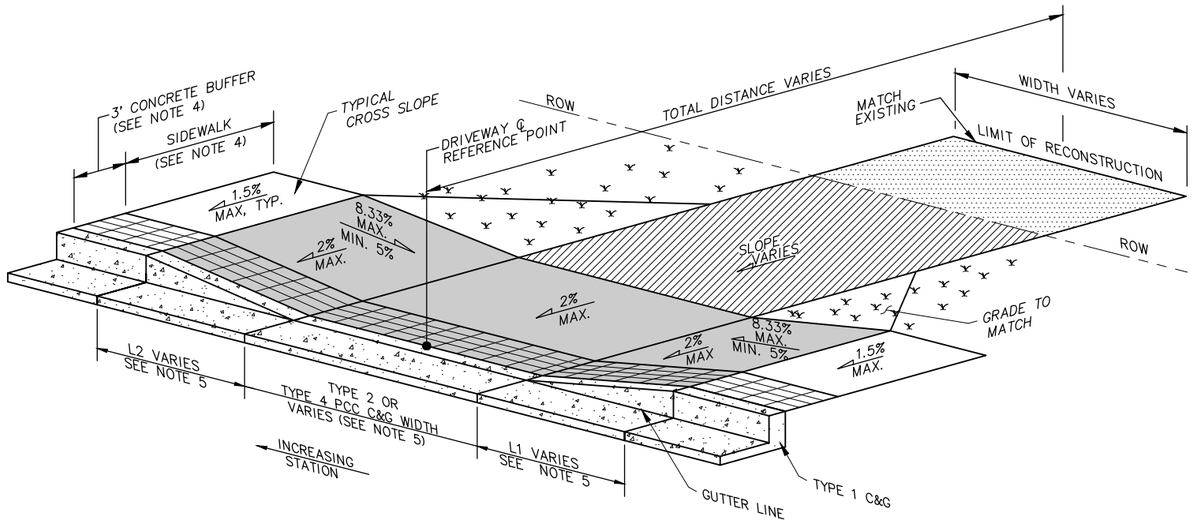
SCALE: NTS

SHEET LEGEND:

- *LIMITS OF 2" AC PAVING FOR DRIVEWAY*
- *SURFACE TYPE VARIES, SEE NOTE 5*
- *LIMITS OF P.C.C. SIDEWALK (6" THICK, STANDARD FINISH), SEE NOTE 4*
- *LIMITS COLORED CONCRETE (4" THICK, RED, IMPRINTED)*
- *LIMITS COLORED CONCRETE (6" THICK, RED, IMPRINTED), SEE NOTE 4*

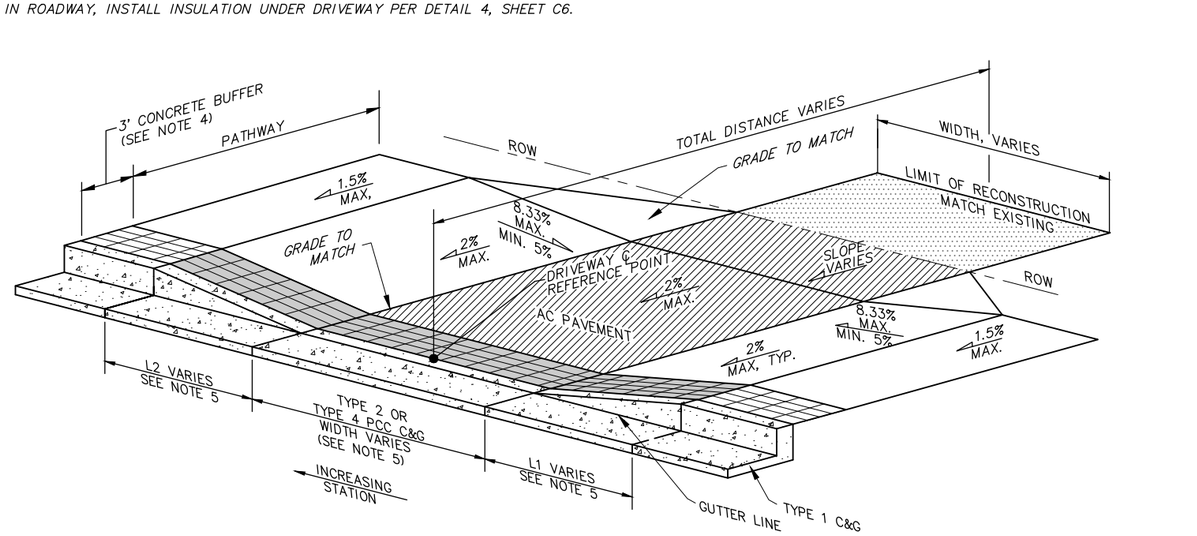
SHEET DRIVEWAY NOTES:

1. *ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.*
2. *PAYMENT FOR PCC CURB & GUTTER (ALL TYPES) AND TRANSITION C&G SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER, (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.*
3. *CENTER THE PROPOSED DRIVEWAY ENTRANCES ON DRIVEWAY CENTERLINE REFERENCE POINT AS SHOWN IN THE 20.28 RECONSTRUCT DRIVEWAY SUMMARY TABLES.*
4. *INCREASE SIDEWALK & CONCRETE BUFFER THICKNESS TO 6" ACROSS LANDINGS AND RAMP TRANSITIONS AND ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS.*
5. *SEE 20.28 DRIVEWAY RECONSTRUCTION SUMMARY TABLE "T" SHEETS AND DRIVEWAY RECONSTRUCTION PLANS, FOR INDIVIDUAL DRIVEWAY SPECIFICS.*
6. *WHERE INSULATION IS INSTALLED IN ROADWAY, INSTALL INSULATION UNDER DRIVEWAY PER DETAIL 4, SHEET C6.*



3 TYPICAL DRIVEWAY CURB CUT WITH SIDEWALK & BUFFER

SCALE: NTS



4 TYPICAL DRIVEWAY CURB CUT WITH PATHWAY & BUFFER

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   BY: _____ TITLE: _____ DATE: _____
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   COMPANY: _____ DATE: _____
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   BY: _____

PLAN CHECK		
DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD			
FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

REVISIONS			
REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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STATE OF ALASKA
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

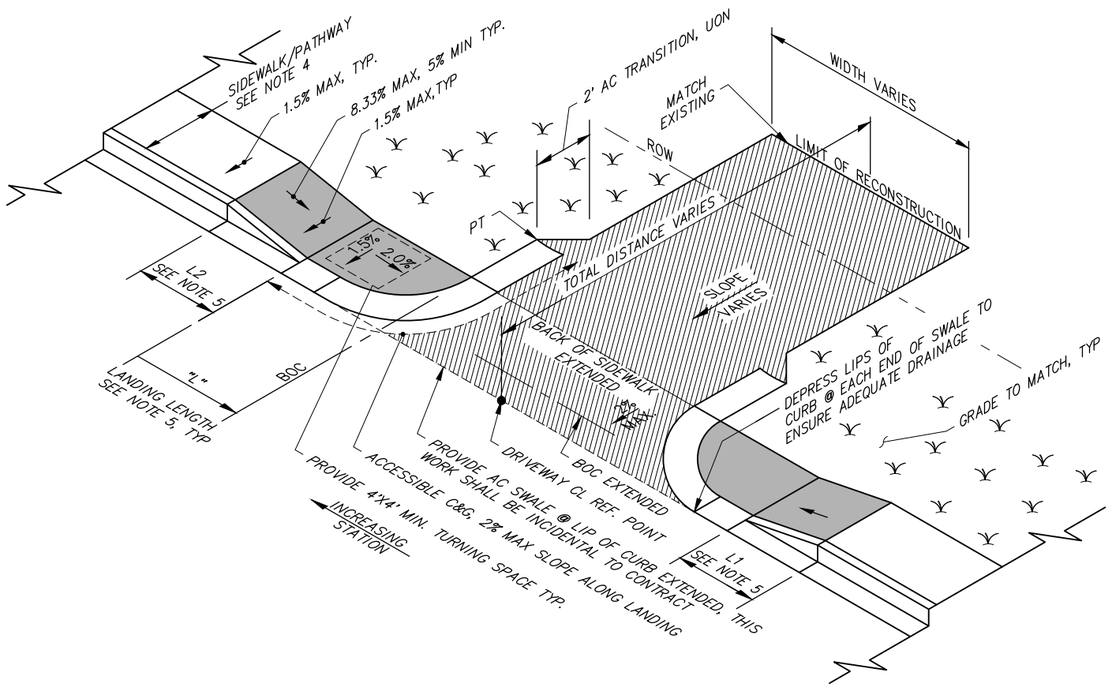
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

ROADWAY DETAILS

DRIVEWAYS

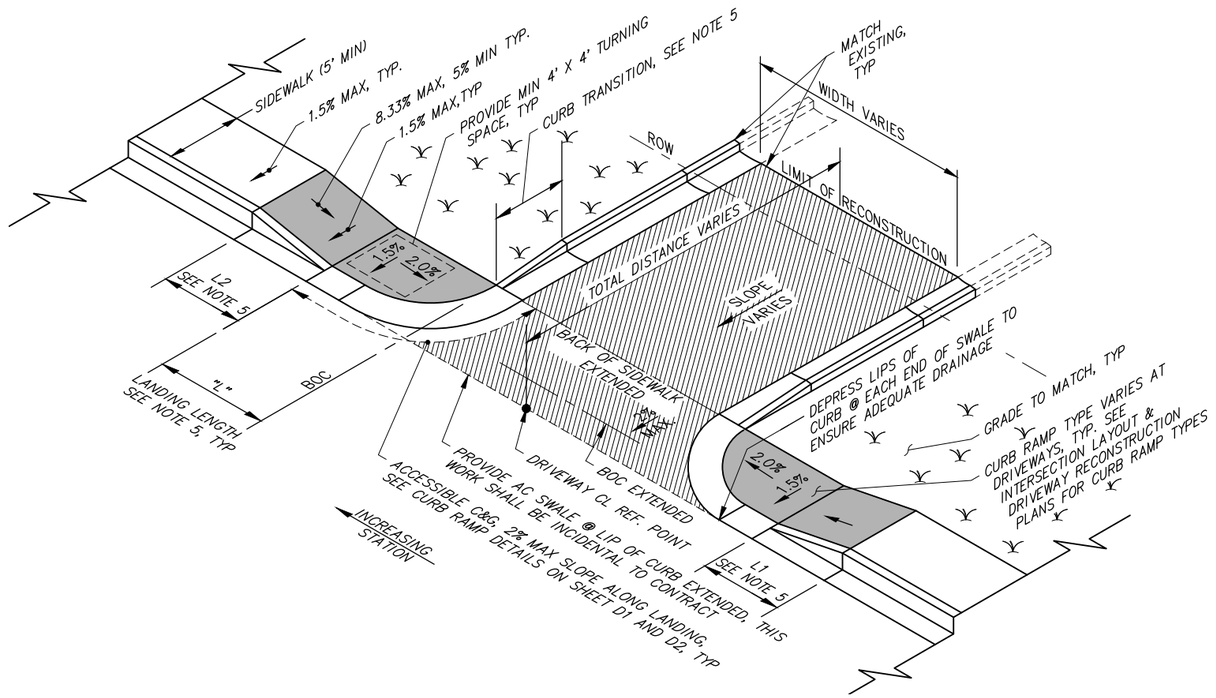
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D3 of D12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



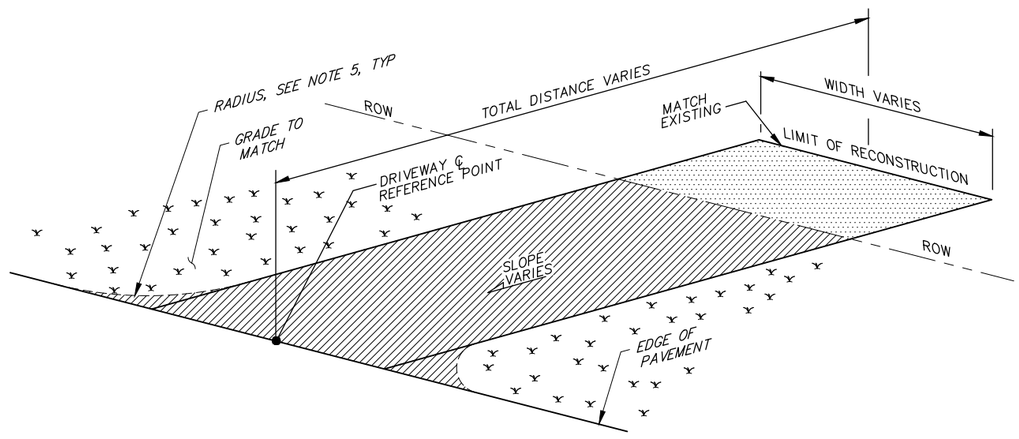
1 **TYPICAL DRIVEWAY CURB RETURN WITHOUT CONNECTING CURB**

SCALE: NTS



2 **TYPICAL DRIVEWAY CURB RETURN WITH CONNECTING CURB**

SCALE: NTS



3 **TYPICAL DRIVEWAY WITHOUT CURB**

SCALE: NTS

SHEET DRIVEWAY NOTES:

1. ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.
2. PAYMENT FOR PCC CURB & GUTTER (ALL TYPES) AND TRANSITION C&G SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER, (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
3. CENTER THE PROPOSED DRIVEWAY ENTRANCES ON DRIVEWAY CENTERLINE REFERENCE POINT AS SHOWN IN THE 20.28 RECONSTRUCT DRIVEWAY SUMMARY TABLES.
4. INCREASE SIDEWALK & CONCRETE BUFFER THICKNESS TO 6" ACROSS LANDINGS AND RAMP TRANSITIONS AND ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS.
5. SEE 20.28 DRIVEWAY RECONSTRUCTION SUMMARY TABLE "T" SHEETS AND DRIVEWAY RECONSTRUCTION PLANS, FOR INDIVIDUAL DRIVEWAY SPECIFICS.
6. WHERE INSULATION IS INSTALLED IN ROADWAY, INSTALL INSULATION UNDER DRIVEWAY PER DETAIL 4, SHEET C6.

SHEET LEGEND:

- LIMITS OF 2" AC PAVING FOR DRIVEWAY
- SURFACE TYPE VARIES, SEE NOTE 5
- LIMITS OF P.C.C. SIDEWALK (6" THICK, STANDARD FINISH), SEE NOTE 4

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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
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CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

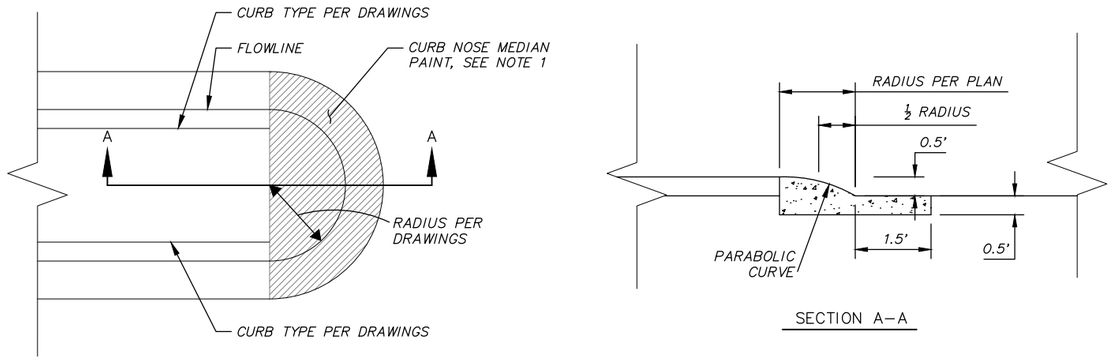
18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

ROADWAY DETAILS

DRIVEWAYS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D4 of D12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg

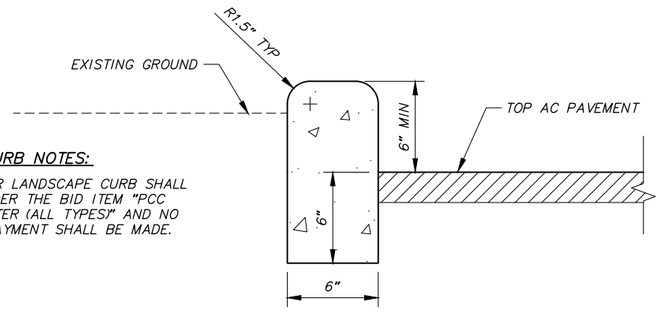


CURB NOSE MEDIAN DETAIL NOTE:

1. CURB NOSE MEDIAN SHALL BE PAINTED WITH YELLOW 60 MIL METHYL METHACRYLATE REFLECTIVE TRAFFIC PAINT. PAINTING & MATERIALS SHALL BE INCIDENTAL TO 30.02 CURB NOSE PAY ITEM.

1 CURB NOSE MEDIAN DETAIL

SCALE: NTS



LANDSCAPE CURB NOTES:

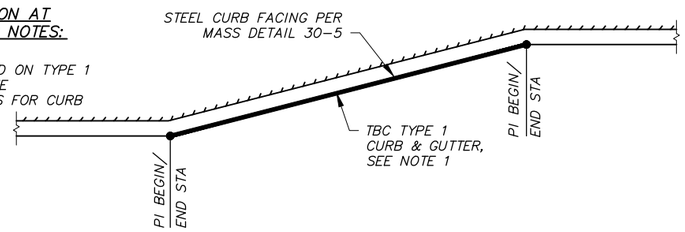
1. PAYMENT FOR LANDSCAPE CURB SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.

2 LANDSCAPE CURB DETAIL

SCALE: NTS

CURB AND GUTTER TRANSITION AT NECKDOWN & LANE WIDENING NOTES:

1. STEEL CURB FACING REQUIRED ON TYPE 1 CURB AND GUTTER ONLY. SEE INTERSECTION LAYOUT SHEETS FOR CURB TYPE AT NECKDOWNS.

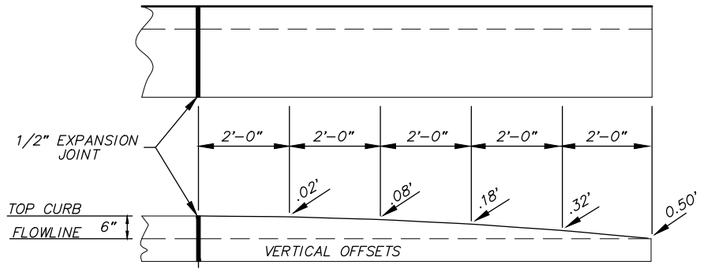


3 CURB & GUTTER TRANSITION AT NECKDOWN

SCALE: NTS

SPECIAL TYPE 1 CURB AND GUTTER TERMINATION TRANSITION NOTES:

1. PAYMENT FOR SPECIAL TYPE 1 CURB AND GUTTER TERMINATION TRANSITION SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB AND GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
2. SPECIAL TYPE 1 CURB AND GUTTER TERMINATION TRANSITION ONLY INSTALLED IN LOCATIONS AS SHOWN ON THE PLANS. INSTALL TYPE 1 CURB AND GUTTER TERMINATION TRANSITION PER MASS DETAIL 30–2 UNLESS OTHERWISE NOTED.

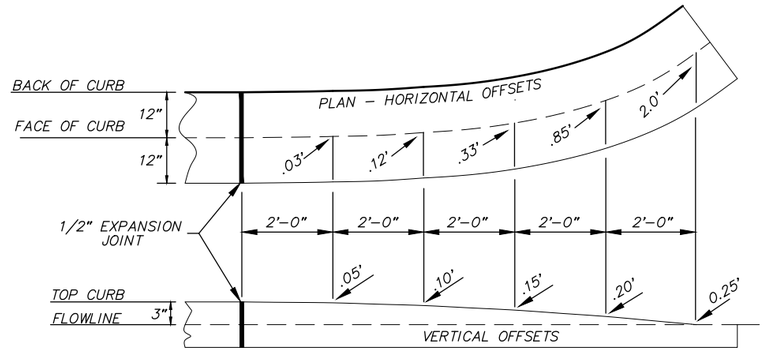


4 SPECIAL TYPE 1 CURB AND GUTTER TERMINATION TRANSITION

SCALE: NTS

TYPE 2 CURB AND GUTTER TERMINATION TRANSITION NOTES:

1. PAYMENT FOR TYPE 2 CURB AND GUTTER TERMINATION TRANSITION SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB AND GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.

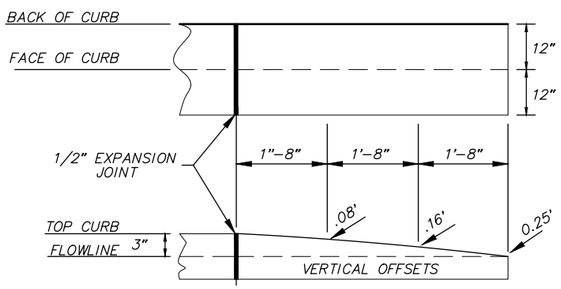


5 TYPE 2 CURB AND GUTTER TERMINATION TRANSITION

SCALE: NTS

SPECIAL TYPE 2 CURB AND GUTTER TERMINATION TRANSITION NOTES:

1. PAYMENT FOR SPECIAL TYPE 2 CURB AND GUTTER TERMINATION TRANSITION SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB AND GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.



6 SPECIAL TYPE 2 CURB AND GUTTER TERMINATION TRANSITION

SCALE: NTS

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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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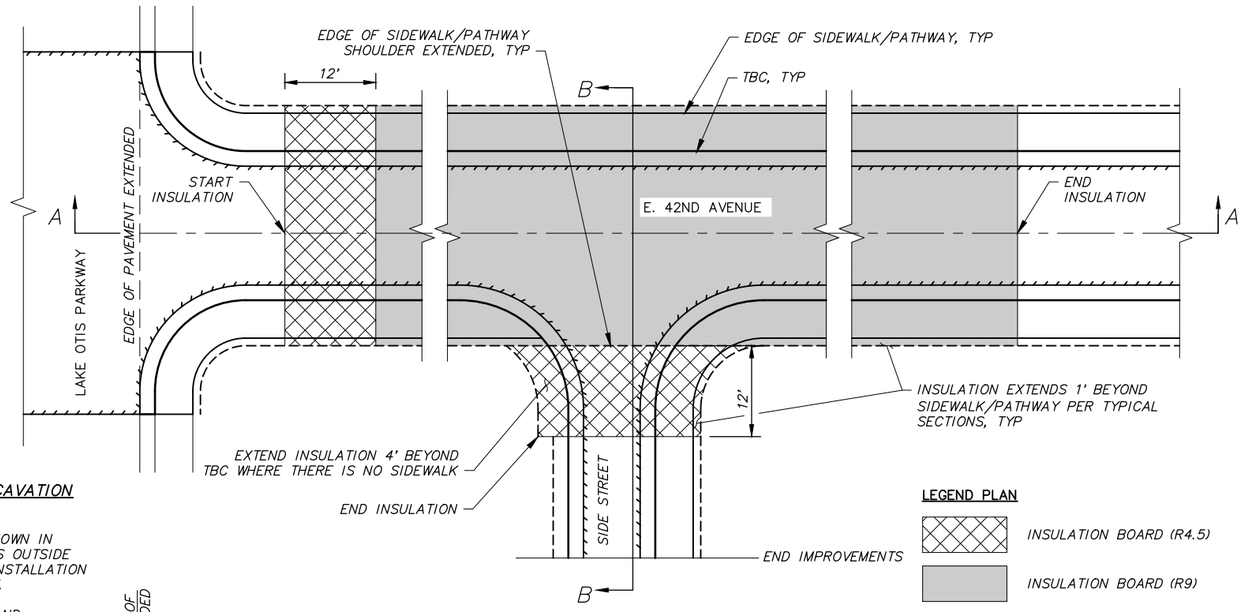
18–06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

CURB DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D5 of D12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



PLAN

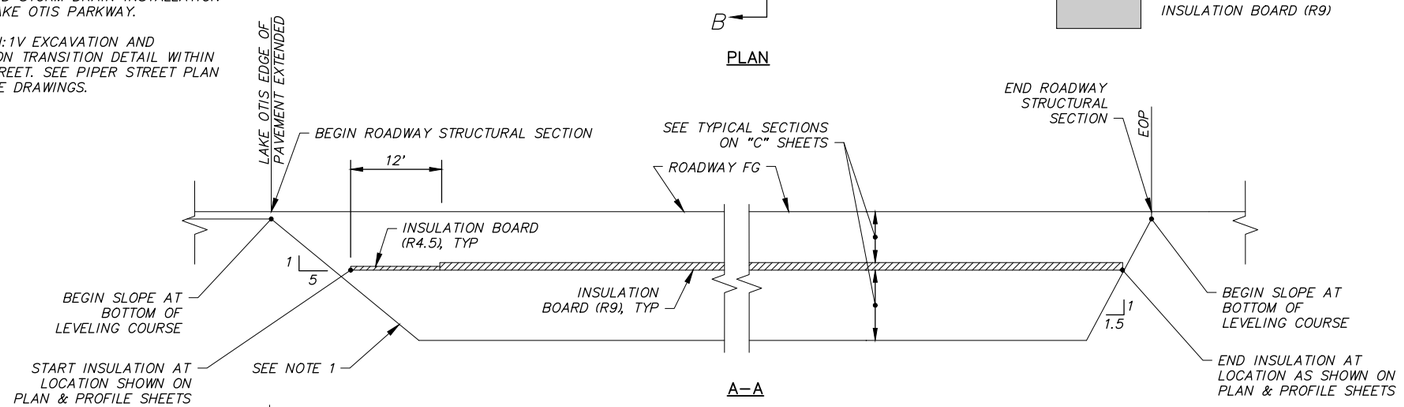
LEGEND PLAN

INSULATION BOARD (R4.5)

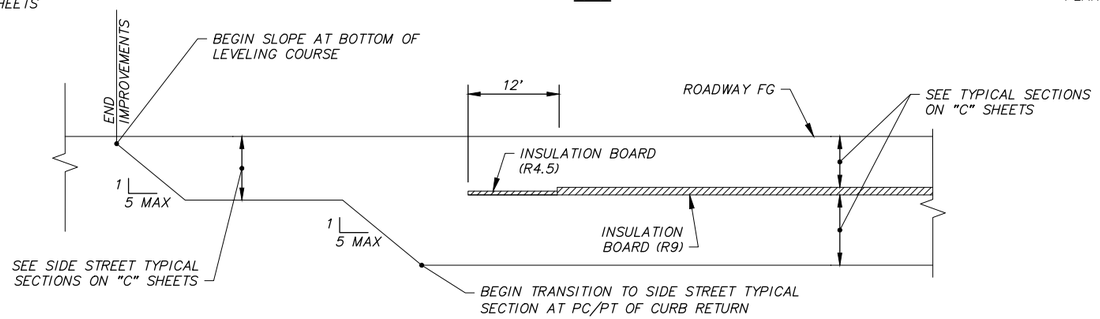
INSULATION BOARD (R9)

BOARD INSULATION AND EXCAVATION TRANSITION DETAIL NOTES:

1. EXCAVATION TRANSITION SHOWN IN SECTION A–A IS FOR AREAS OUTSIDE WATER AND STORM DRAIN INSTALLATION WITHIN LAKE OTIS PARKWAY.
2. APPLY 5H:1V EXCAVATION AND INSULATION TRANSITION DETAIL WITHIN PIPER STREET. SEE PIPER STREET PLAN & PROFILE DRAWINGS.



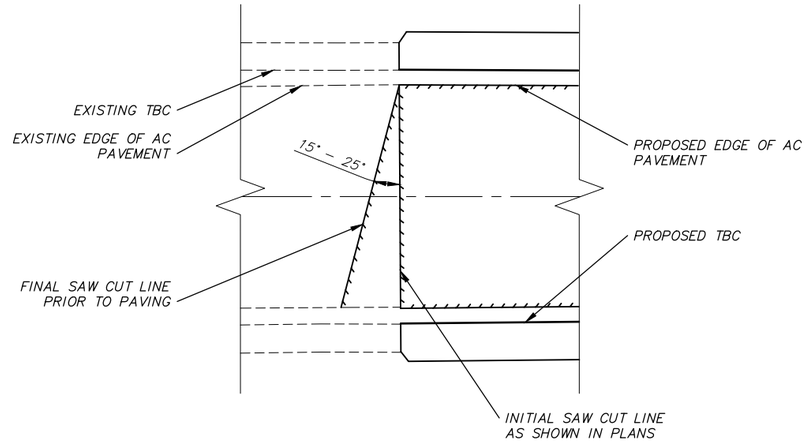
A–A



B–B

1 BOARD INSULATION AND EXCAVATION TRANSITION DETAIL

SCALE: NTS

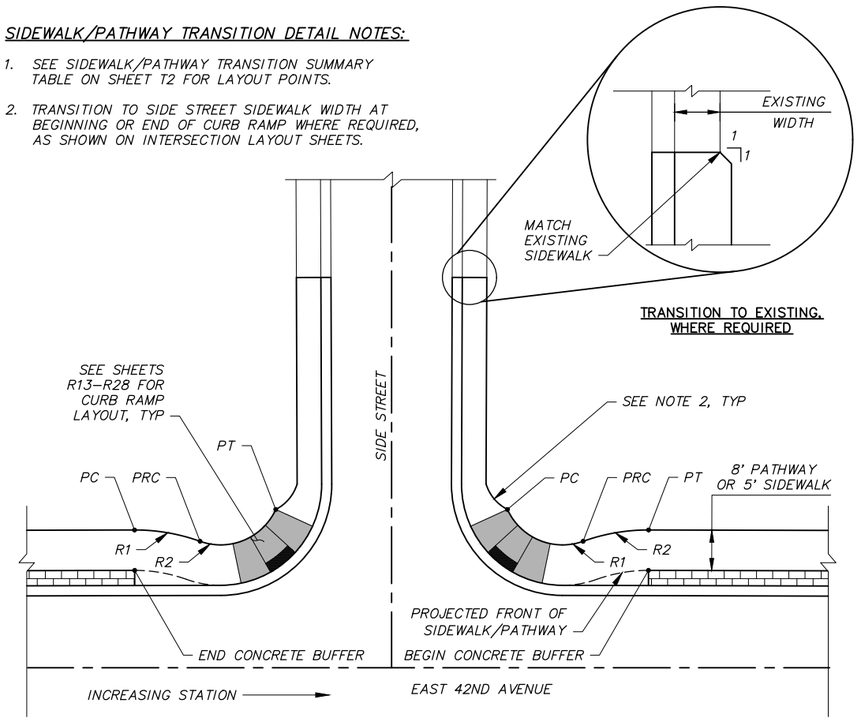


2 TRANSVERSE SAW CUT JOINT DETAIL

SCALE: NTS

SIDEWALK/PATHWAY TRANSITION DETAIL NOTES:

1. SEE SIDEWALK/PATHWAY TRANSITION SUMMARY TABLE ON SHEET T2 FOR LAYOUT POINTS.
2. TRANSITION TO SIDE STREET SIDEWALK WIDTH AT BEGINNING OR END OF CURB RAMP WHERE REQUIRED, AS SHOWN ON INTERSECTION LAYOUT SHEETS.



3 SIDEWALK/PATHWAY TRANSITION DETAIL

SCALE: NTS

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ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

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REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
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PHONE: (907) 562–3252
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CONSULTANT

STATE OF ALASKA — 49 TH — Robert W. Burdick — CE–123959 — 3/27/24 — REGISTERED PROFESSIONAL ENGINEER

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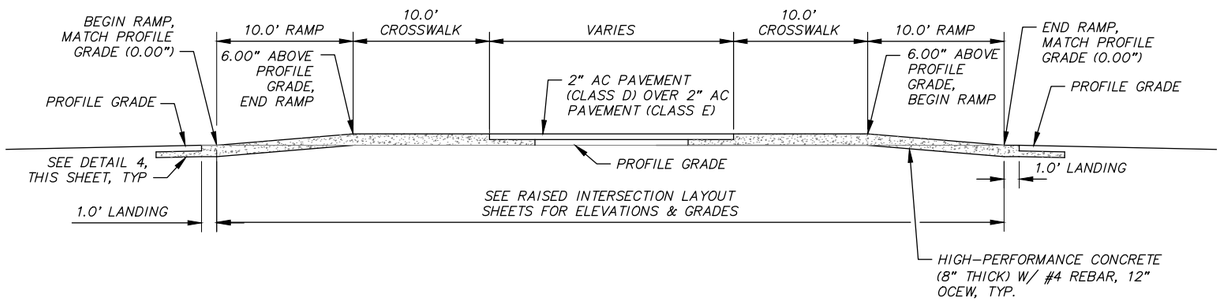
18–06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

MISCELLANEOUS DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D6 of D12

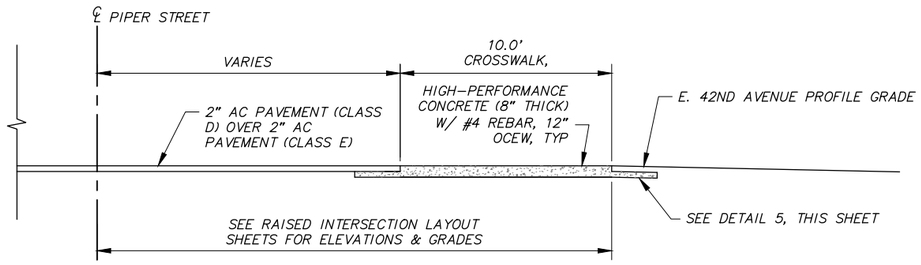
File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



TYPICAL RAISED INTERSECTION CENTERLINE PROFILE - PIPER STREET

1

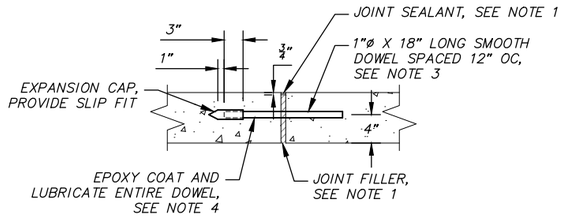
SCALE: NTS



TYPICAL RAISED INTERSECTION CENTERLINE PROFILE - E. 42ND AVENUE

2

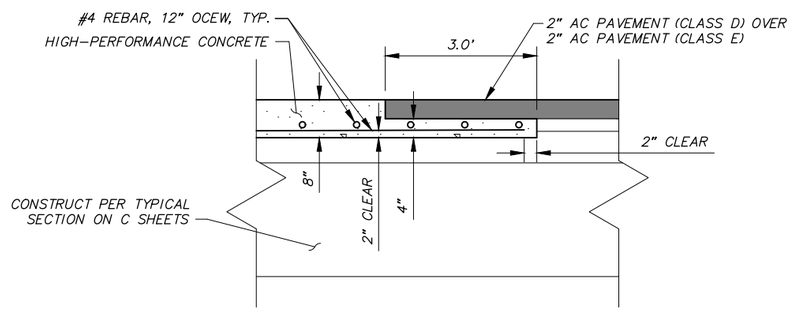
SCALE: NTS



EXPANSION & CONSTRUCTION JOINT

3

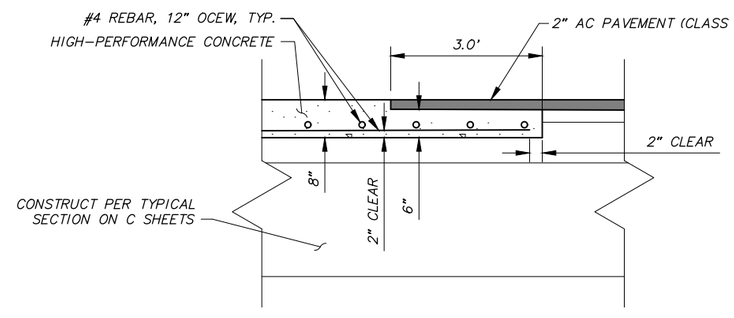
SCALE: NTS



TYPICAL AC PAVEMENT/CONCRETE JOINT DETAIL - PIPER STREET

4

SCALE: NTS



TYPICAL AC PAVEMENT/CONCRETE JOINT DETAIL - E. 42ND AVENUE

5

SCALE: NTS

RAISED INTERSECTION NOTES:

1. 8" CONCRETE SURFACES TO BE PAID UNDER ITEM HIGH-PERFORMANCE CONCRETE.
2. AT RAISED INTERSECTIONS PROVIDE CONTRACTION JOINTS 5' OCEW FOR ALL CONCRETE SURFACES.
3. AT RAISED INTERSECTIONS EXPANSION JOINTS SHALL BE PROVIDED ON MAXIMUM 15' OCEW.
4. INSTALL EXPANSION & CONSTRUCTION JOINTS PER DETAIL 3 AND INSTALL AC PAVEMENT/CONCRETE JOINTS PER DETAIL 4 OR 5, THIS SHEET AS REQUIRED.

EXPANSION & CONSTRUCTION JOINT NOTES:

1. SEE MASS SECTION 30.01 FOR EXPANSION JOINT FILLER REQUIREMENTS AND MASS SECTION 30.11 FOR SEALANT REQUIREMENTS. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED SIMILARLY.
2. DOWELS SHALL BE USED AT ALL EXPANSION AND CONSTRUCTION JOINTS EXCEPT JOINT AT FACE OF CURB PAN.
3. DOWELS SHALL BE EPOXY COATED STEEL IN ACCORDANCE WITH ASTM A 615M, GRADE 280 OR 420.
4. DOWEL BARS SHALL BE LUBRICATED WITH BOND BREAKER OVER THE ENTIRE BAR PRIOR TO PLACEMENT. LUBRICANT SHALL BE PETROLEUM PARAFFIN BASED.
5. ALL WORK RELATED TO FURNISHING AND INSTALLING DOWEL BARS SHALL BE CONSIDERED INCIDENTAL TO HIGH-PERFORMANCE CONCRETE PAY ITEM.

RECORD DRAWING

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
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PHONE: (907) 562-3252
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

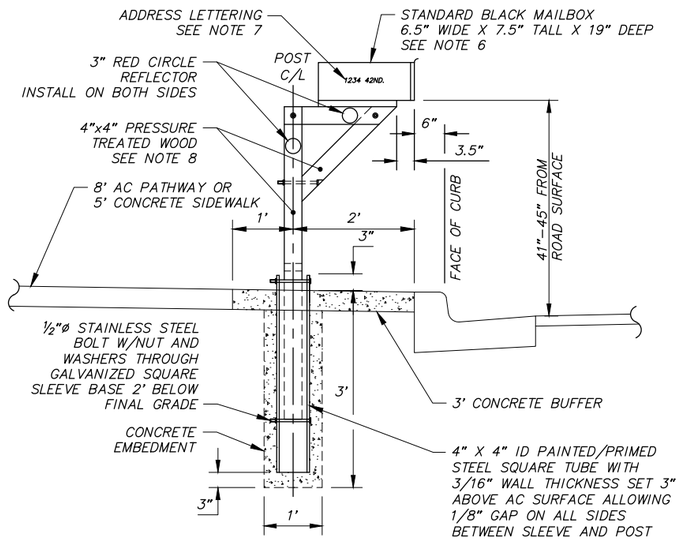
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

RAISED INTERSECTION

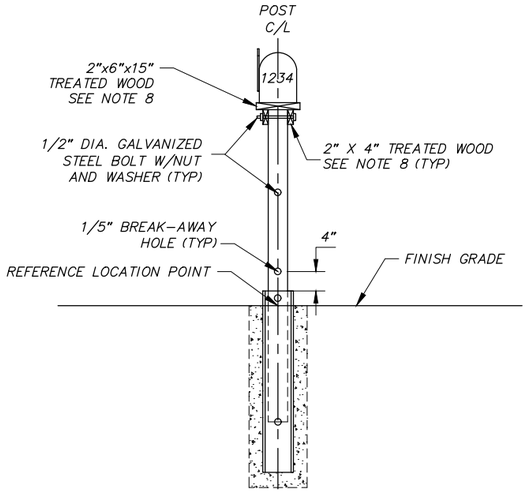
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D7 of D12

File: J:\JobsDate\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



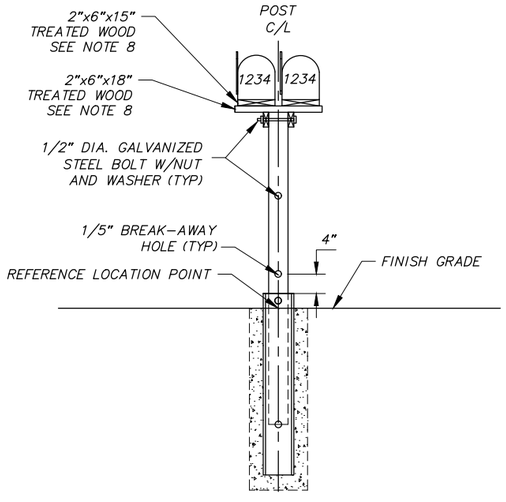
1 TYPICAL WOOD POST MAILBOX INSTALLATION (SIDE VIEW)

SCALE: NTS



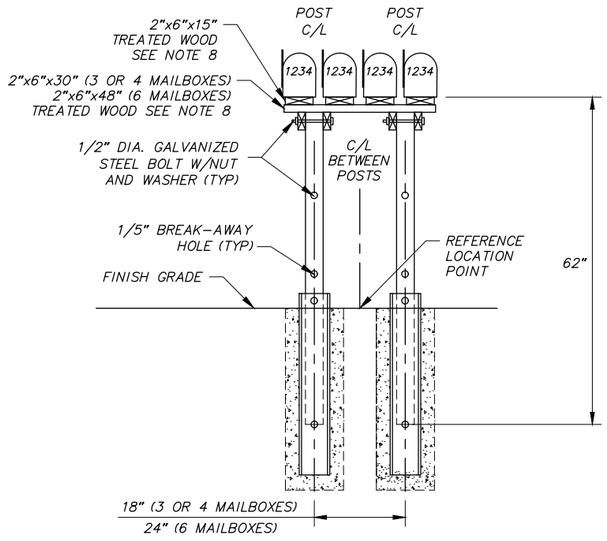
2 TYPICAL SINGLE MAILBOX INSTALLATION (FRONT VIEW)

SCALE: NTS



3 TYPICAL COMBINED MAILBOX INSTALLATION FOR 2 BOXES (FRONT VIEW)

SCALE: NTS



4 TYPICAL COMBINED MAILBOX INSTALLATION FOR MORE THAN 2 BOXES (FRONT VIEW)

SCALE: NTS

TYPICAL WOOD POST MAILBOX INSTALLATION NOTES:

1. SEE "RELOCATE MAILBOX" TABLE, DEMOLITION SHEETS & ROADWAY SHEETS FOR LOCATING MAILBOXES ALONG ROADWAY. LOCATIONS ARE APPROXIMATE, VERIFY LOCATION WITH ENGINEER PRIOR TO INSTALLATION.
2. RELOCATE COMBINED MAILBOXES TO THE PROPOSED STATION AND 2' BEHIND THE TOP BACK OF CURB.
3. CUT OFF EXCESS BOLTS AND FILE SMOOTH AFTER TIGHTENING.
4. MAILBOXES AND SUPPORTS SHALL CONFORM WITH U.S. POSTAL SERVICE REGULATIONS.
5. NEWSPAPER RECEPTACLES SHALL CONFORM TO THE SAME SETBACK AND SUPPORT REGULATIONS AS MAILBOXES. WHERE NEWSPAPER RECEPTACLES AND MAILBOXES ARE TO BE MOUNTED TOGETHER, THE NEWSPAPER RECEPTACLE SHALL BE MOUNTED BELOW THE BOTTOM SURFACE OF THE MAILBOX. RELOCATION OF EXISTING NEWSPAPER RECEPTACLES IS INCIDENTAL TO THE RELOCATE MAILBOX BID ITEM.
6. CONTRACTOR SHALL COORDINATE WITH THE MOA AND ENGINEER IN THE FIELD REGARDING MAILBOX SUBSTITUTIONS OR MAILBOX SIZING, PRIOR TO ORDERING MATERIALS.
7. CONTRACTOR SHALL INSTALL MAILBOX ADDRESS LABELS TO MATCH EXISTING LABELS. ADDRESS LABELS SHALL BE A MINIMUM OF 1" IN HEIGHT AND INSTALLED ON THE SIDE OF THE MAILBOX VISIBLE FROM ON COMING TRAFFIC. ADDRESS LABELS SHOULD BE CENTERED BOTH VERTICAL AND HORIZONTAL ON MAILBOX.
8. ALL WOOD SHALL BE PRESSURE TREATED WOOD SEALED WITH A SEMI-TRANSPARENT OIL BASED STAIN BROWN IN COLOR. SUBMIT COLOR SAMPLE FOR APPROVAL.
9. CONTRACTOR TO SEAL THE TUBE BASE WHEN SETTING CONCRETE TO AVOID CONCRETE FROM ENTERING THE TUBE.
10. THE LOCATION OF EXISTING FEATURES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL ENCOUNTERED UTILITIES AND RECORD ANY CHANGES ON THE RECORD DRAWINGS.
11. CONTRACTOR MAY ADJUST CONCRETE EMBEDMENT DEPTH IF UTILITY CONFLICTS ARE ENCOUNTERED.
12. MAILBOX ITEMS CALLED OUT IN DETAIL 1 SHALL APPLY TO MAILBOX DETAILS 2-4.

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 | 42ND AVENUE UPGRADE - PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

ROADWAY DETAILS

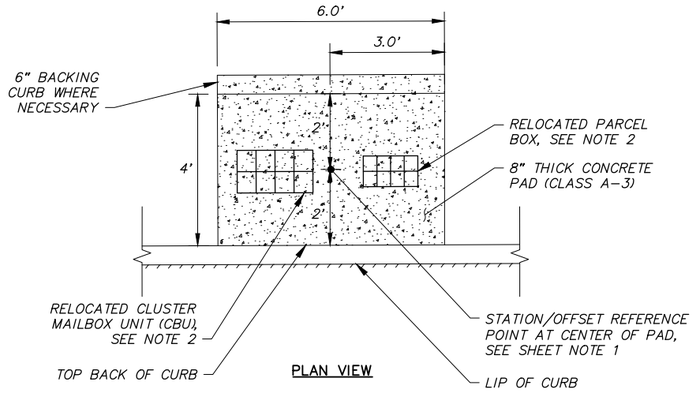
MAILBOX

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D8 of D12

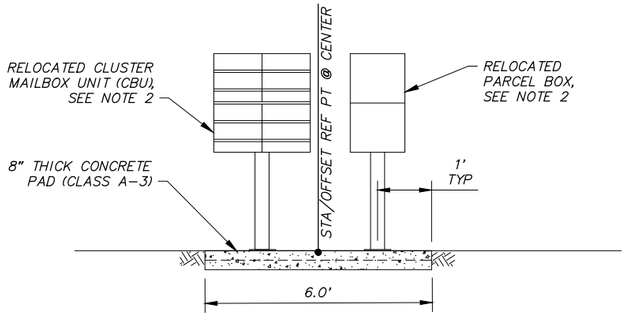
File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg

CLUSTER MAILBOX PCC BASE NOTES:

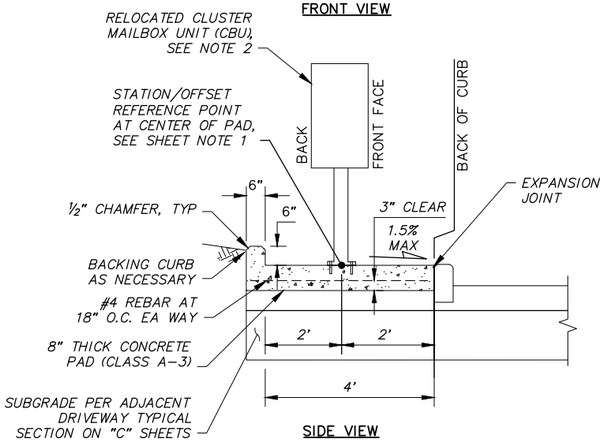
1. SEE "RELOCATE CLUSTER MAILBOX UNIT" TABLE, DEMOLITION SHEETS & ROADWAY SHEETS FOR LOCATING MAILBOXES ALONG ROADWAY. LOCATIONS ARE APPROXIMATE, VERIFY LOCATION WITH ENGINEER PRIOR TO INSTALLATION.
2. INSTALL CLUSTER MAILBOX UNITS AND PARCEL BOXES ON CONCRETE PAD AS DIRECTED BY ENGINEER IN THE FIELD. USPS MAY REQUEST TO REPLACE EXISTING CLUSTER MAILBOX UNITS OR PARCEL BOXES, COORDINATE WITH ENGINEER PRIOR TO INSTALLATION OF RELOCATED CLUSTER MAILBOX UNITS OR PARCEL BOXES.



PLAN VIEW



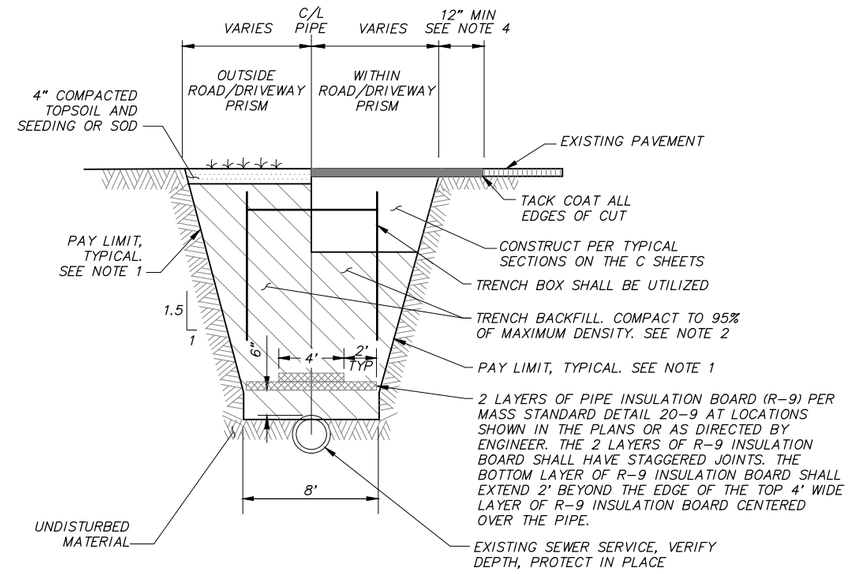
FRONT VIEW



SIDE VIEW

1 CLUSTER MAILBOX PCC BASE DETAIL

SCALE: NTS



SEWER PIPE TRENCH FOR INSULATION NOTES:

1. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS. INDICATED TRENCH WALL SLOPES AND DIMENSIONS ARE FOR PAY QUANTITY DETERMINATIONS ONLY. A TRENCH BOX SHALL BE UTILIZED TO MINIMIZE EXCAVATION LIMITS.
2. TRENCH BACKFILL SHALL BE NATIVE MATERIAL MEETING TYPE IV CLASSIFICATION (MINIMUM) AS APPROVED BY THE ENGINEER. NATIVE MATERIAL NOT MEETING TYPE IV CLASSIFICATION SHALL BE REMOVED AND REPLACED WITH TYPE II CLASSIFIED MATERIAL. TYPE II MATERIAL IMPORTED FOR TRENCH BACKFILL SHALL BE PAID FOR UNDER SCHEDULE B STORM DRAIN IMPROVEMENTS.
3. REMOVE AND DISPOSE OF ALL ORGANIC MATERIALS IN ACCORDANCE WITH MASS SECTION 20.13. DISPOSAL OF UNUSABLE OR SURPLUS MATERIAL SHALL BE PAID FOR UNDER SCHEDULE B STORM DRAIN IMPROVEMENTS.
4. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, CONTRACTOR SHALL SAW CUT AND REMOVE AN ADDITIONAL 12 INCHES FROM EXISTING PAVEMENT EDGE. THE ENGINEER MAY REQUIRE MORE THAN A 12 INCH ADDITIONAL CUT IF THE EXISTING PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE.

2 TYPICAL SEWER PIPE TRENCH FOR INSULATION

SCALE: NTS

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PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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18-06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED A

ROADWAY DETAILS

CLUSTER MAILBOX PCC BASE & SEWER PIPE TRENCH DETAIL FOR INSULATION

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D9 of D12

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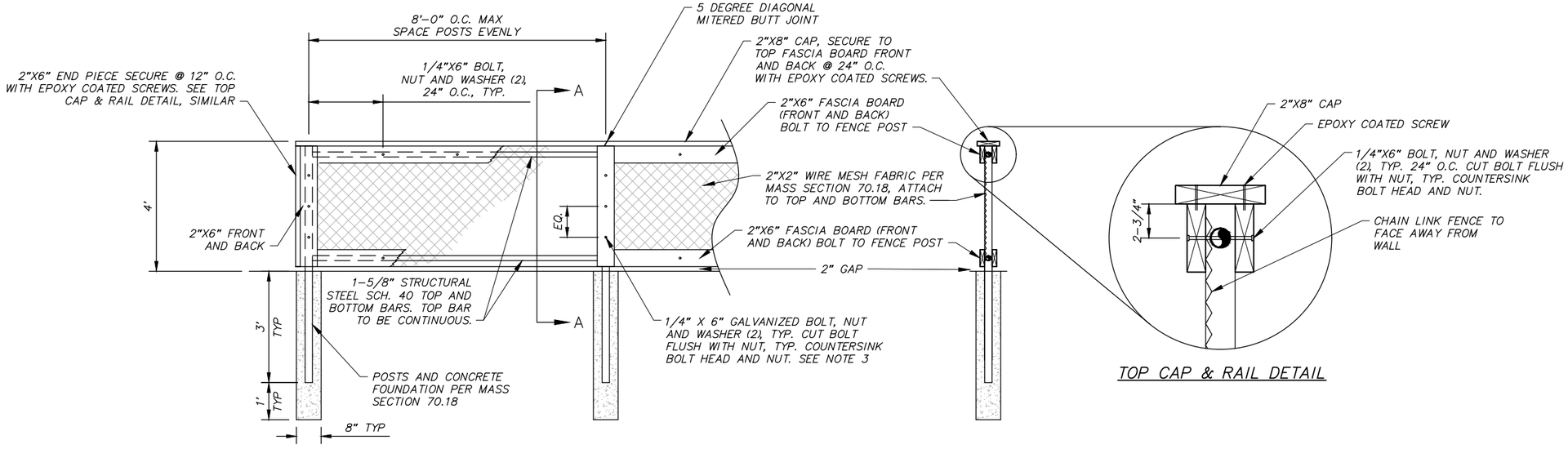
WOOD CLAD CHAIN LINK FENCE NOTES:

1. ALL LUMBER TO BE PRESSURE TREATED.
2. ALL STEEL HARDWARE TO BE GALVANIZED. ALL FENCE FABRIC, HARDWARE, AND COMPONENTS SHALL BE VINYL COATED BLACK.
3. THREE BOLTS PER POST FASCIA BOARD, TYP. CENTER BOLT GROUP VERTICALLY ON BOARD.



ELEVATION

FENCE SECTION A-A

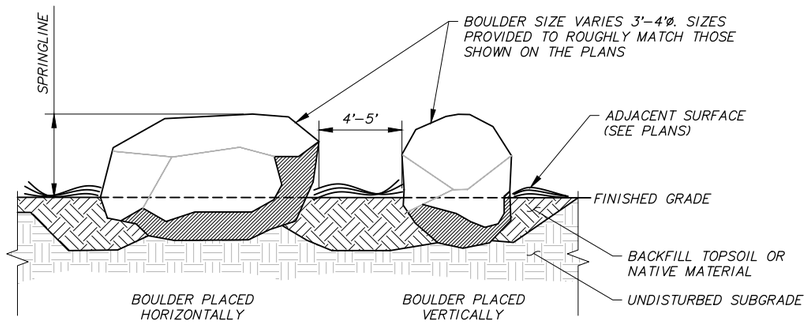
TOP CAP & RAIL DETAIL

1 WOOD CLAD CHAIN LINK FENCE DETAIL

SCALE: NTS

BOULDER NOTES:

1. BOULDERS PLACED WITHIN SITE DISTANCE TRIANGLES SHALL HAVE A MAXIMUM HEIGHT OF 18" ABOVE GRADE.
2. MAX. 2/3 BOULDER HEIGHT ABOVE GROUND, MIN. 1/3 HEIGHT.
3. FILL TO ENSURE NO GAPS BELOW SPRINGLINE
4. STAGGER BOULDERS 7'-10' FROM TOP BACK OF CURB WHILE MAINTAINING A 2' CLEAR DISTANCE FROM EDGE OF PATHWAY AS SHOWN ON THE PLANS..



2 BOULDER DETAIL

SCALE: NTS

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ROADWAY DETAILS

FENCE AND BOULDERS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D10 of D12

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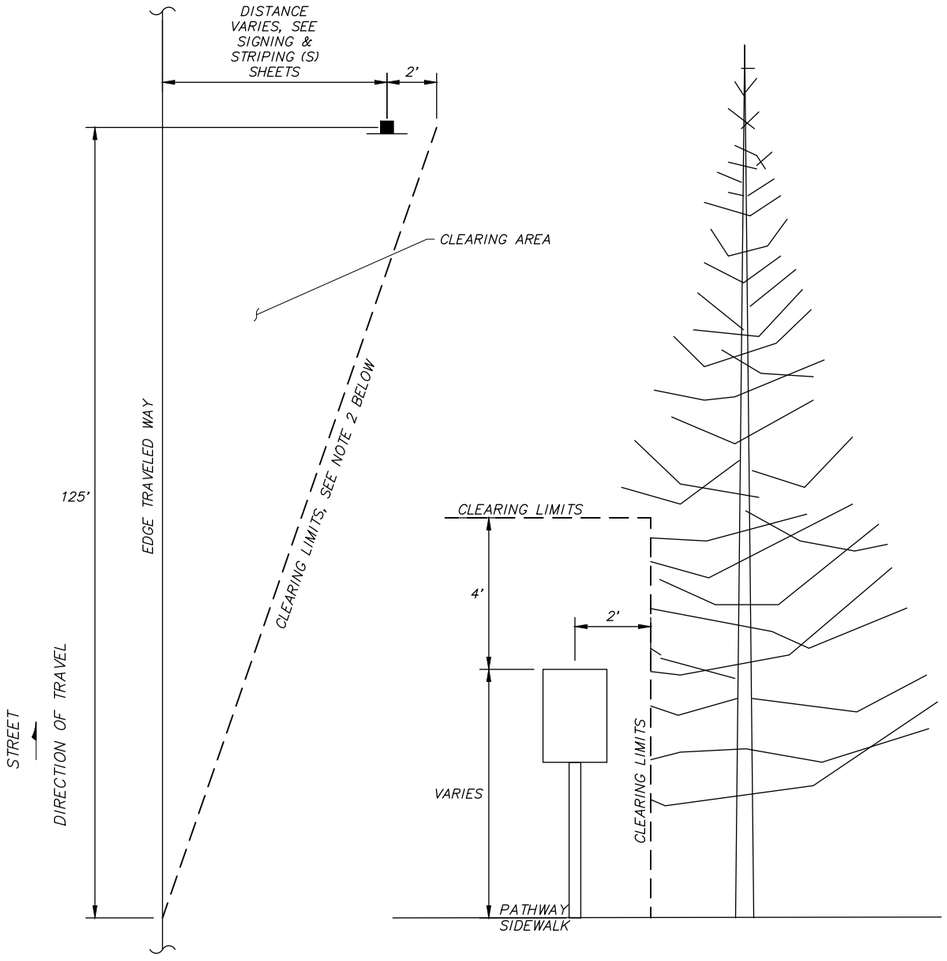


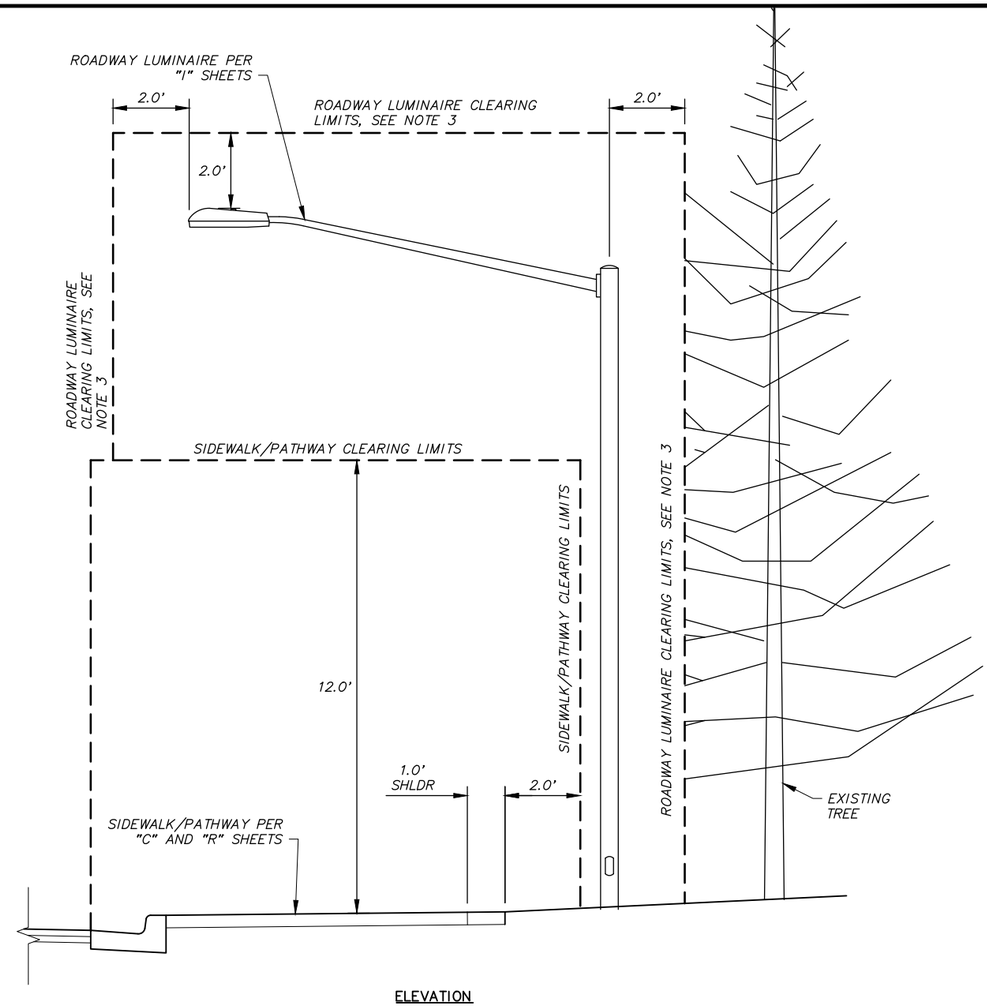
PLAN ELEVATION

SIGN SIGHT DISTANCE CLEARING DETAIL NOTES:

1. SIGN SIGHT DISTANCE CLEARING SHALL BE INCIDENTAL TO SECTION 20.04 CLEARING AND GRUBBING PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.
2. MAINTAIN CLEARING LIMITS WITHIN AVAILABLE RIGHT-OF-WAY.
3. ALL CLEARING ACTIVITIES SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND FOLLOW ANSI A300, PART 1, STANDARD PRACTICES AND ANSI Z133.1, ARBORICULTURAL OPERATIONS SAFETY.

1 SIGN SIGHT DISTANCE CLEARING DETAIL

SCALE: NTS



ELEVATION

SIDEWALK/PATHWAY AND ROADWAY LUMINAIRE CLEARING DETAIL NOTES:

1. SIDEWALK/PATHWAY AND ROADWAY LUMINAIRE CLEARING SHALL BE INCIDENTAL TO SECTION 20.04 CLEARING AND GRUBBING PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.
2. MAINTAIN CLEARING LIMITS WITHIN AVAILABLE RIGHT-OF-WAY OR TCP.
3. ROADWAY LUMINAIRE CLEARING LIMITS SHALL INCLUDE 20 FEET UP STATION AND DOWN STATION ALONG THE ROADWAY.
4. ALL CLEARING ACTIVITIES SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND FOLLOW ANSI A300, PART 1, STANDARD PRACTICES AND ANSI Z133.1, ARBORICULTURAL OPERATIONS SAFETY.

2 SIDEWALK/PATHWAY AND ROADWAY LUMINAIRE CLEARING DETAIL

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
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MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562-3252
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CONSULTANT

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

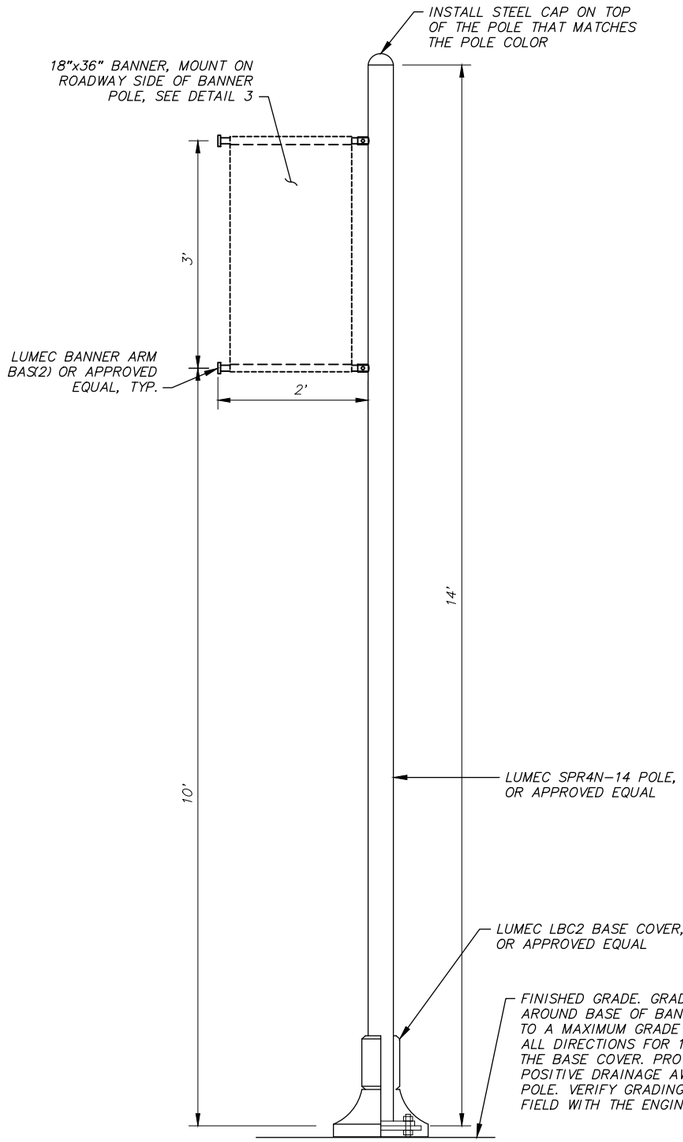
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

ROADWAY DETAILS

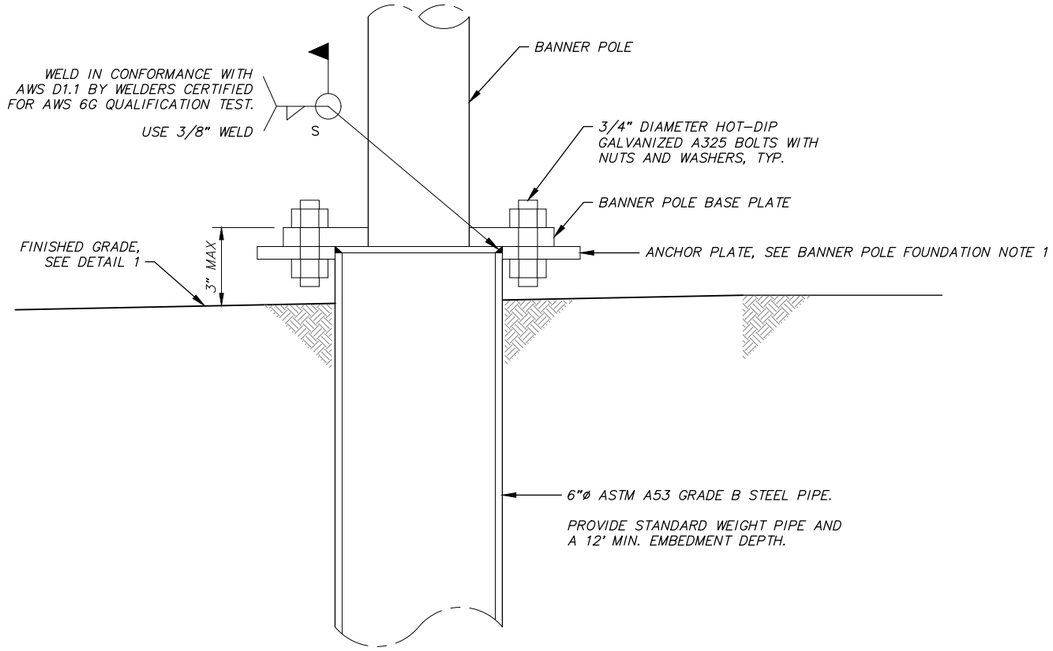
CLEARING DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D11 of D12

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg



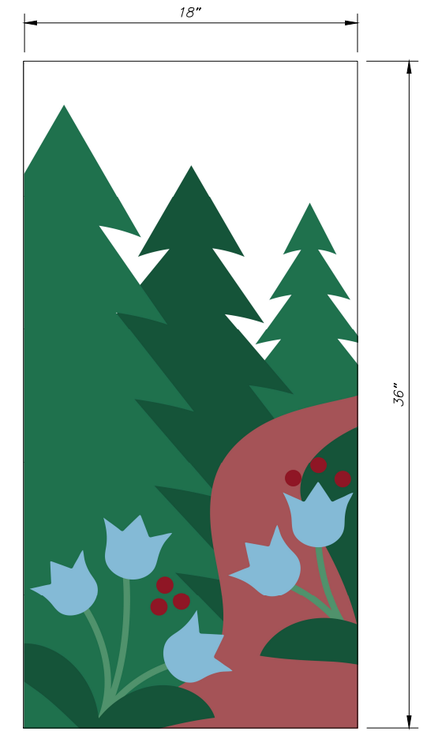
1 **BANNER POLE ELEVATION VIEW**
SCALE: NTS



BANNER POLE FOUNDATION NOTE:

1. SET ONE HALF THE ANCHOR PLATE'S THICKNESS ON THE PIPE PILE BEFORE WELDING IT INTO POSITION.

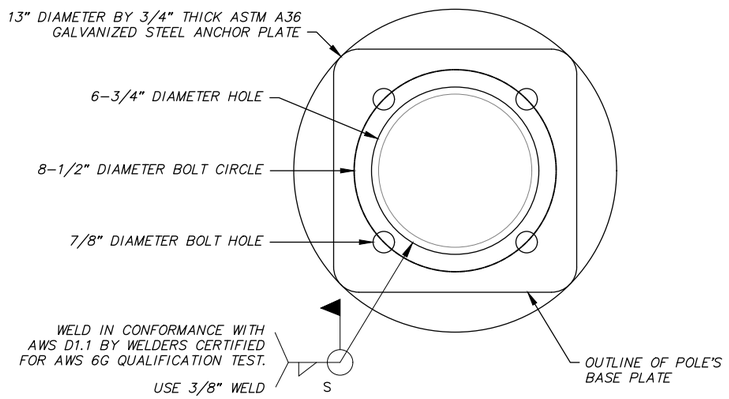
2 **BANNER POLE FOUNDATION**
SCALE: NTS



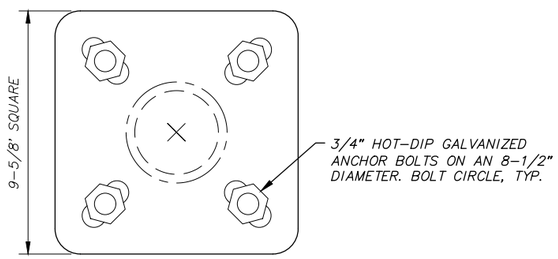
BANNER DESIGN NOTE:

1. BANNER DESIGN SHALL BE IDENTICAL ON BOTH SIDES OF BANNER.

3 **BANNER DESIGN**
SCALE: NTS



4 **ANCHOR PLATE DETAIL**
SCALE: NTS



5 **POLE BASE PLATE DETAIL**
SCALE: NTS

RECORD DRAWING

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA — 49TH — Justin Keene — Justin T. Keene — CE-11775 — 3/27/24 — REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

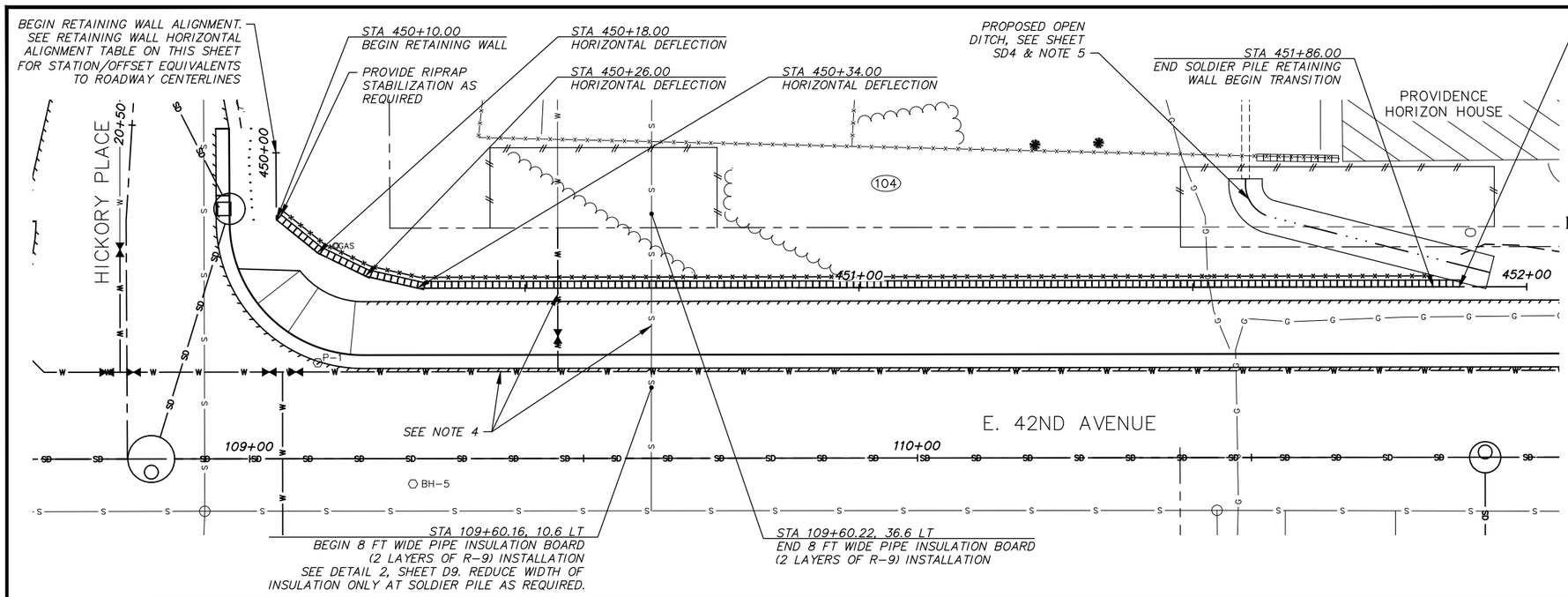
18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

ROADWAY DETAILS

BANNER POLE AND BANNER DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET D12 of D12

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Roadway Details_Phase 1.dwg

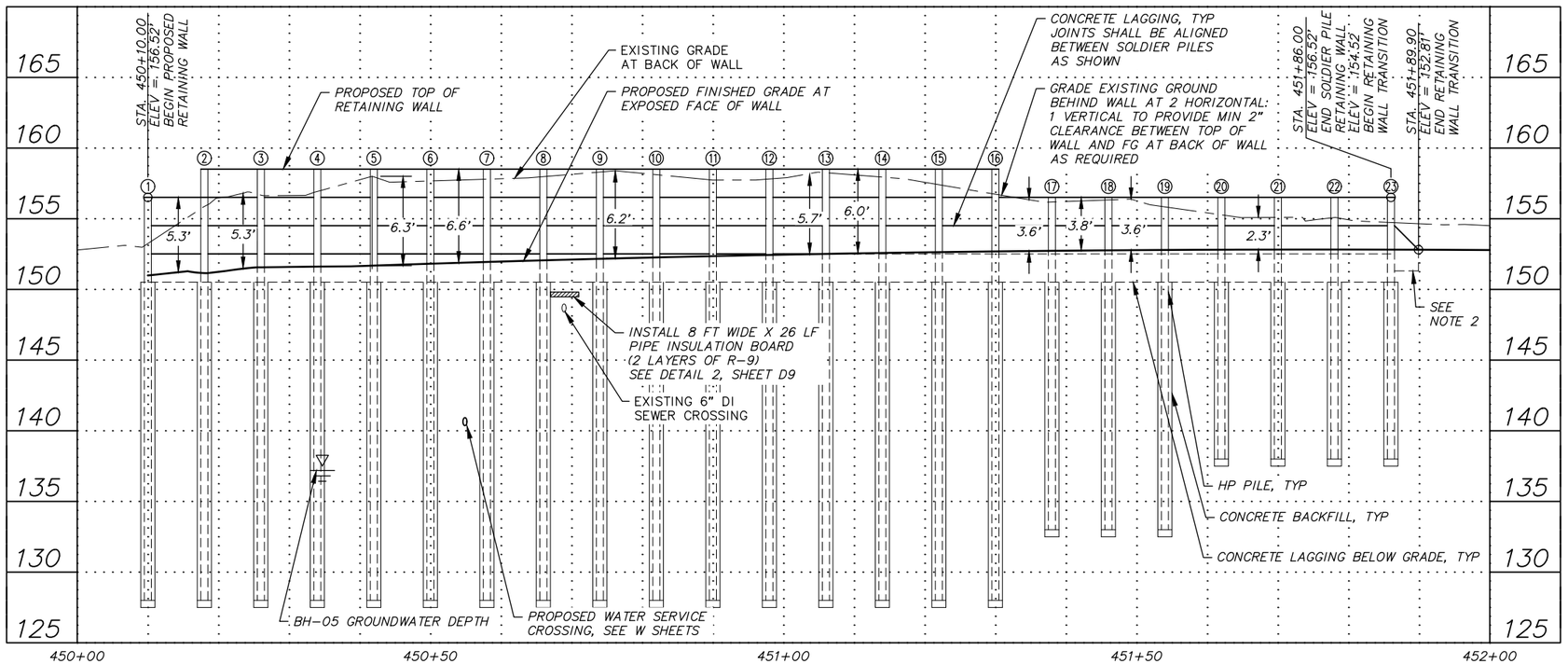


SHEET NOTES:

1. SEE SHEET RW2 & RW3 FOR TYPICAL RETAINING WALL SECTIONS & DETAILS.
2. SEE DETAIL 3, ON SHEET RW3 FOR RETAINING WALL TRANSITION.
3. SEE DETAIL 3, SHEET RW3 FOR PANEL SECTIONS AT HORIZONTAL DEFLECTIONS.
4. THE CONTRACTOR SHALL INSTALL THE PROPOSED WATER MAIN, PROPOSED WATER SERVICE AND PIPE INSULATION FOR EXISTING SEWER SERVICE PRIOR TO BEGINNING CONSTRUCTION OF THE RETAINING WALL. AFTER ABOVE MENTIONED WORK IS COMPLETED AND ACCEPTED, CONTRACTOR SHALL EXCAVATE WITH A VACTOR TRUCK EACH ADJACENT PILE NEXT TO THE PARCEL 104 WATER/SEWER SERVICES TO A POINT PAST THE SERVICE ELEVATIONS TO ENSURE NO CONFLICTS PRIOR TO DRILLING HOLES FOR THE PILES.
5. THE CONTRACTOR SHALL CONSTRUCT THE OPEN DITCH NORTH OF THE SOLDIER PILE RETAINING WALL PRIOR TO CONSTRUCTION OF THE SOLDIER PILE RETAINING WALL. THE OPEN DITCH NORTH OF THE RETAINING WALL TRANSITION SHALL BE CONSTRUCTED AFTER THE RETAINING TRANSITION HAS BEEN INSTALLED.

RETAINING WALL HORIZONTAL ALIGNMENT TABLE

RETAINING WALL		HICKORY PLACE		E. 42ND AVENUE	
STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
450+00.00	CL	20+47.20	21.77 RT	–	–
450+10.00	CL	20+37.23	22.45 RT	–	–
450+18.00	CL	20+30.66	28.71 RT	–	–
450+26.00	CL	20+27.14	35.90 RT	–	–
450+34.00	CL	20+25.32	43.68 RT	109+25.26	25.50 LT
452+00.00	CL	–	–	110+91.26	25.50 LT



SOLDIER PILE ELEVATION TABLE

PILE	TOP OF STEEL ELEVATION (TOS)	BOTTOM OF STEEL ELEVATION (BOS)
1	156.52	128.00
2	158.52	128.00
3	158.52	128.00
4	158.52	128.00
5	158.52	128.00
6	158.52	128.00
7	158.52	128.00
8	158.52	128.00
9	158.52	128.00
10	158.52	128.00
11	158.52	128.00
12	158.52	128.00
13	158.52	128.00
14	158.52	128.00
15	158.52	128.00
16	158.52	128.00
17	156.52	133.00
18	156.52	133.00
19	156.52	133.00
20	156.52	138.00
21	156.52	138.00
22	156.52	138.00
23	156.52	138.00

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Steven M. Halcomb
CE-12939
2/2/2024
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

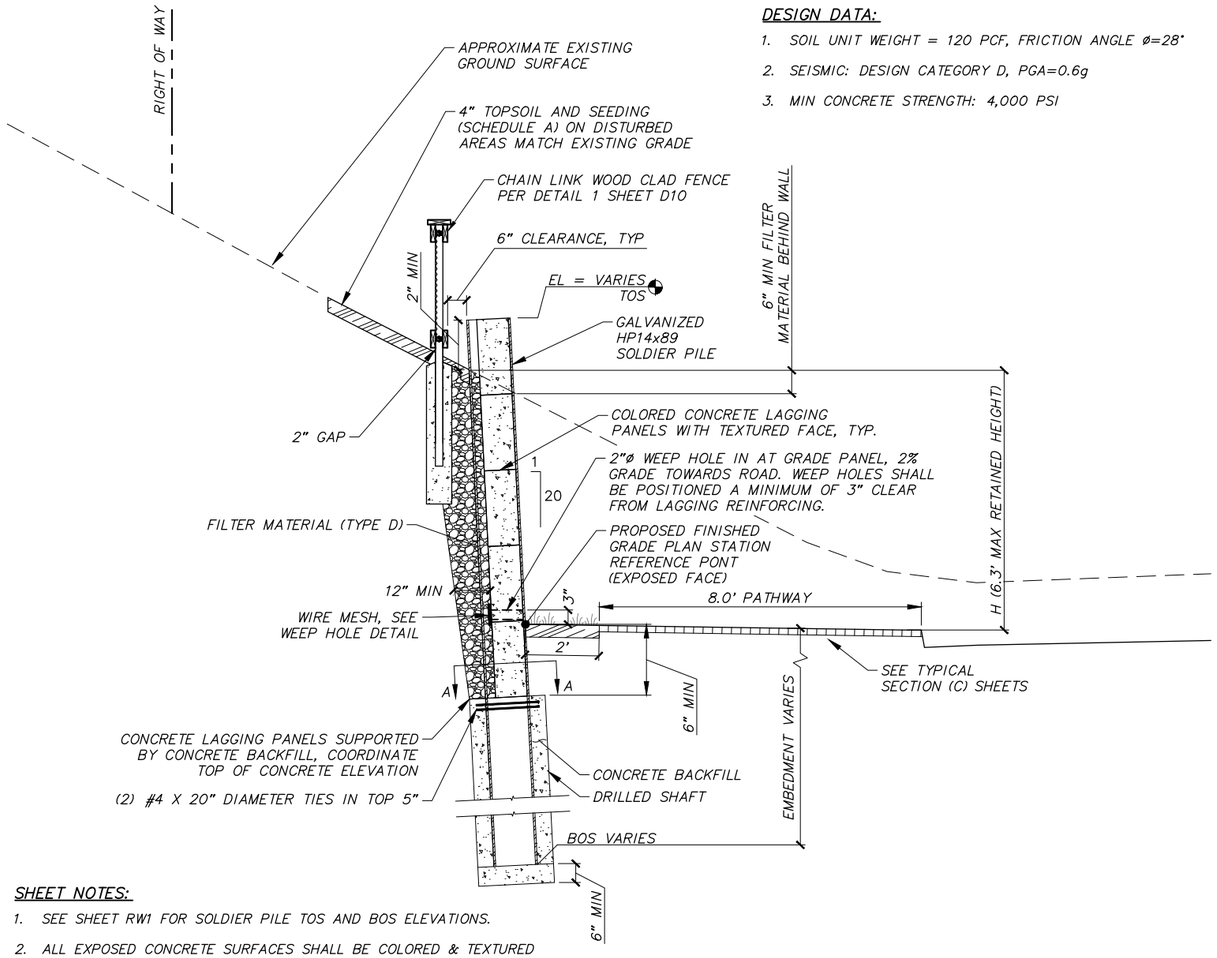
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

RETAINING WALL PLAN & PROFILE

SCALE HOR. 1"=10' VER. 1"=5' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET RW1 of RW3

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Retaining Wall Plan & Profile_Phase 1.dwg



DESIGN DATA:

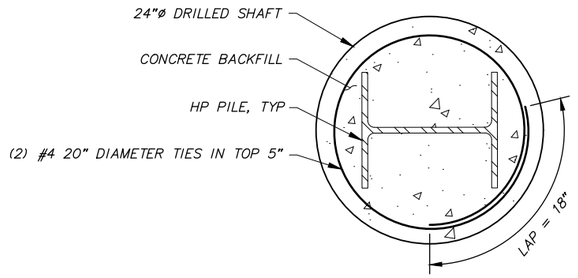
1. SOIL UNIT WEIGHT = 120 PCF, FRICTION ANGLE ø=28°
2. SEISMIC: DESIGN CATEGORY D, PGA=0.6g
3. MIN CONCRETE STRENGTH: 4,000 PSI

SHEET NOTES:

1. SEE SHEET RW1 FOR SOLDIER PILE TOS AND BOS ELEVATIONS.
2. ALL EXPOSED CONCRETE SURFACES SHALL BE COLORED & TEXTURED INCLUDING BOTH FACES OF TOP LAGGING PANEL. ALL CONCRETE SHALL BE INTEGRALLY COLORED PER THE SPECIFICATIONS.

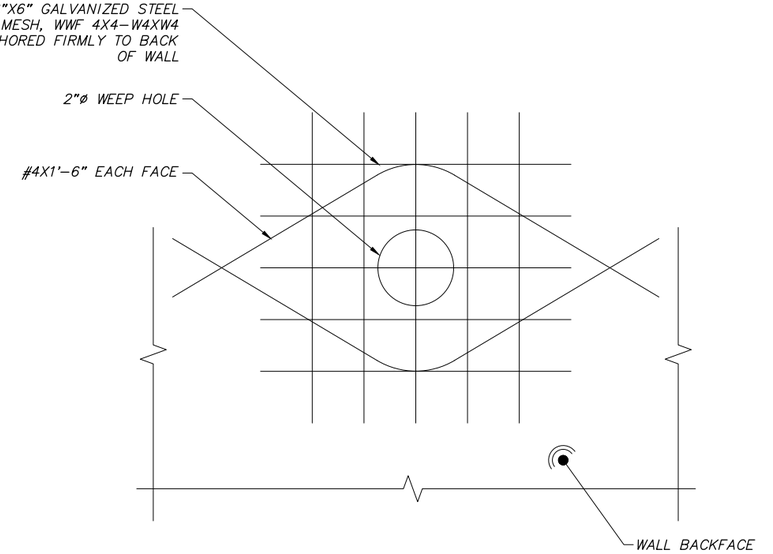
1 TYPICAL SOLDIER PILE WALL SECTION

SCALE: NTS



2 SOLDIER PILE SECTION A-A

SCALE: NTS



3 WEEP HOLE DETAIL

SCALE: NTS

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PROFILE	RB	JK
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TELEPHONE	TS	AR
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CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
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STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
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#ACL882–AK

SEAL

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Steven M. Halcomb
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2/2/2024
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE

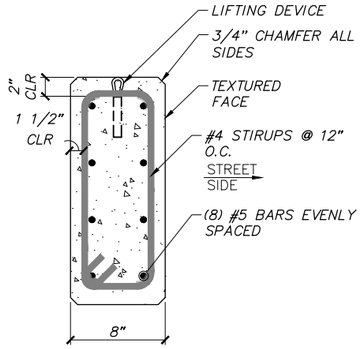
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

RETAINING WALL DETAILS

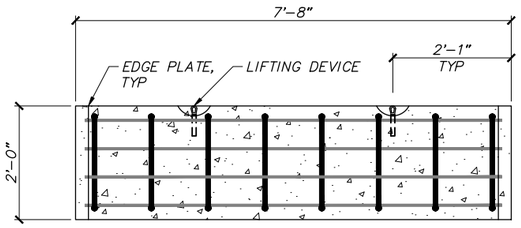
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET RW2 of RW3

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Retaining Wall Details_Phase 1.dwg



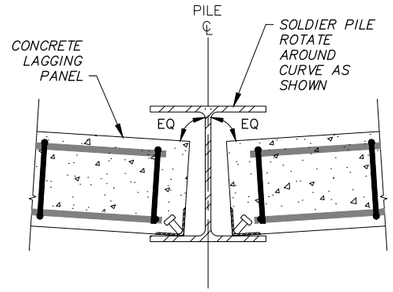
1 TYPICAL CONCRETE LAGGING PANEL SECTION

SCALE: NTS



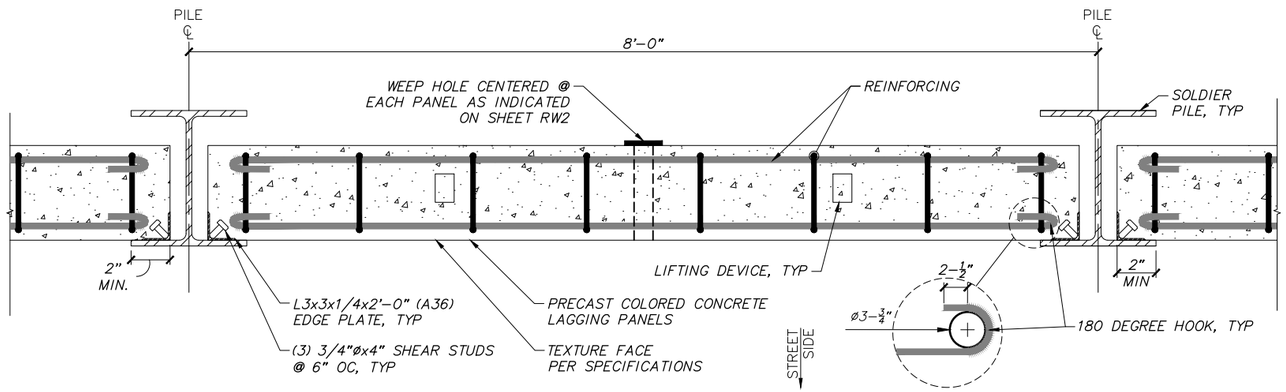
2 TYPICAL CONCRETE LAGGING PANEL ELEVATION

SCALE: NTS



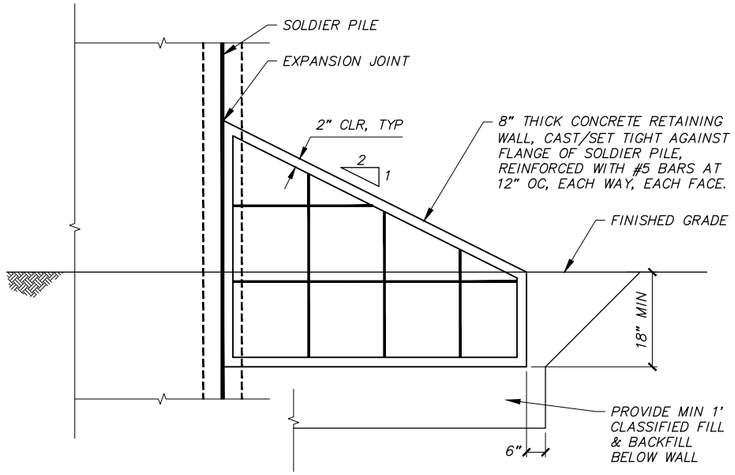
3 SOLDIER PILE & PANEL DETAIL @ HORIZONTAL DEFLECTIONS

SCALE: NTS



4 TYPICAL SOLDIER PILE WALL PLAN VIEW

SCALE: NTS



5 TRANSITION DETAIL

SCALE: NTS

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Retaining Wall Details_Phase 1.dwg

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ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
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MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198
& 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

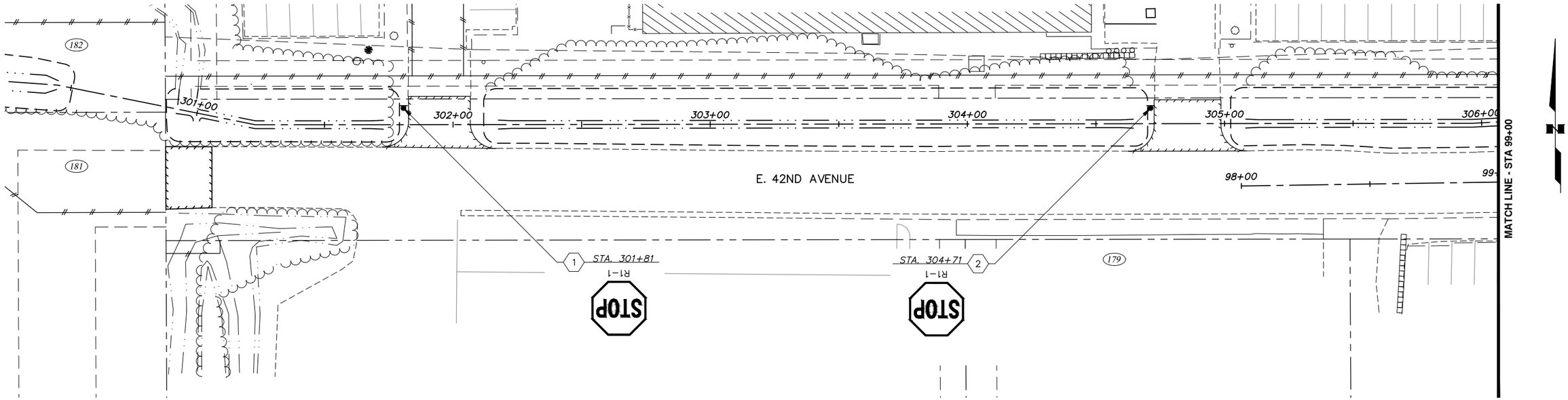
18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED A

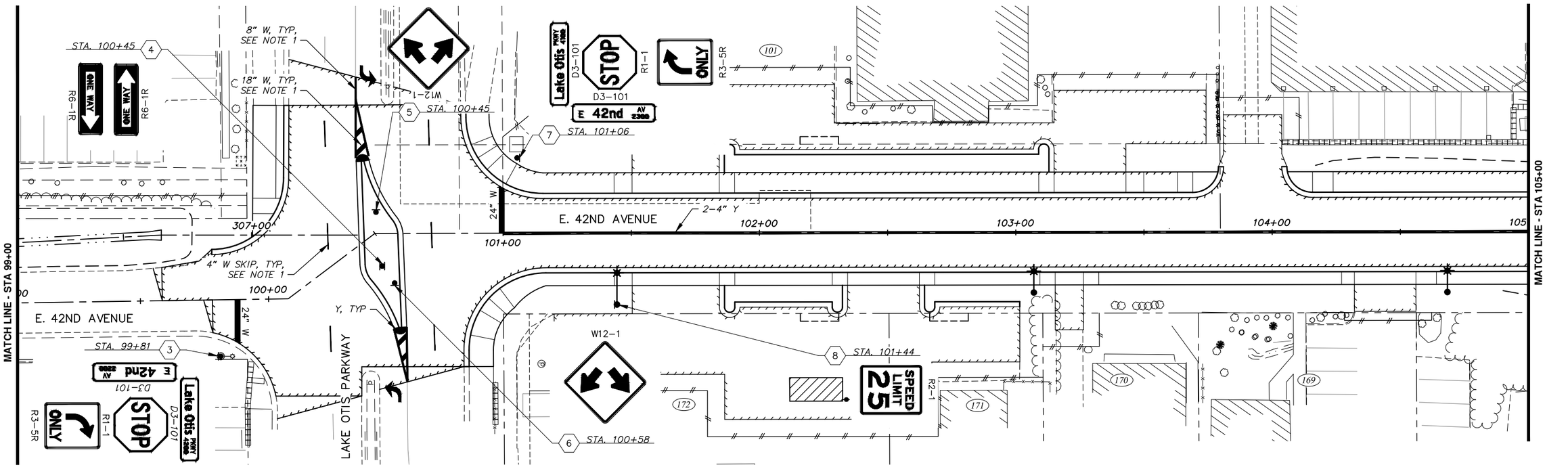
RETAINING WALL DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET RW3 of RW3

NOTES:

1. INCREASE MARKING THICKNESS TO 250 MILS.





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MUNICIPAL/STATE	RB	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN	CRW BOOK No. 197, 198 & 201
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
(AECL882-AK

SEAL

STATE OF ALASKA
49 TH
Robert W. Burdick
CE-123959
3/27/24
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

SIGNING & STRIPING

STA 98+00 TO STA 105+00

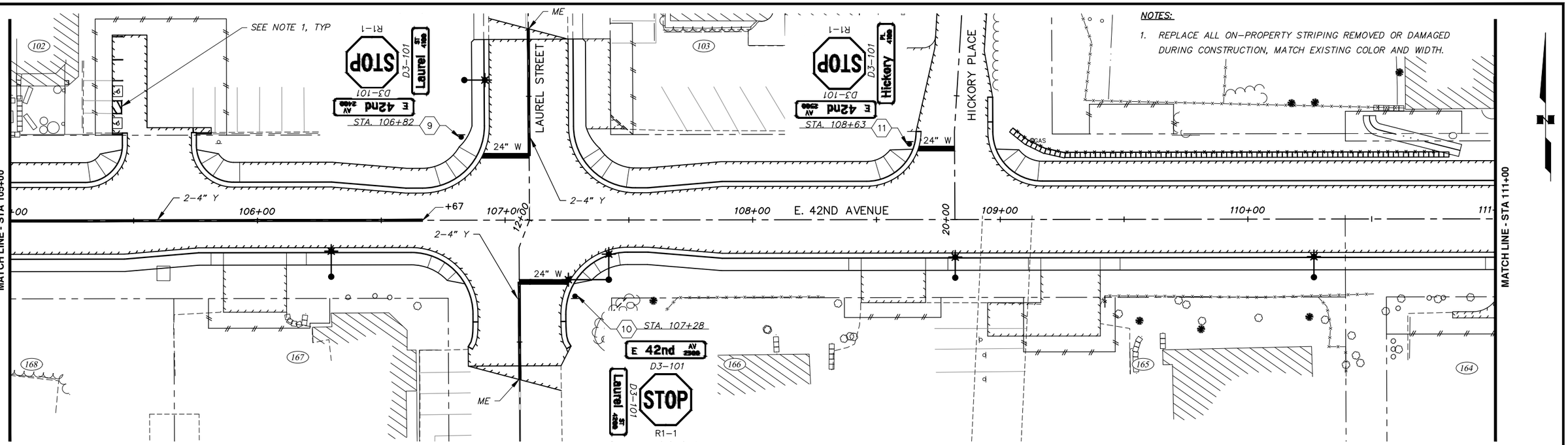
SCALE HOR. 1"=20'
VER. N/A

GRID SW1733, SW1734, SW1735

DATE MARCH 2024 STATUS FINAL

SHEET S1 of S4

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Signing & Striping_Phase 1.dwg



RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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3940 ARCTIC BLVD. SUITE 300
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

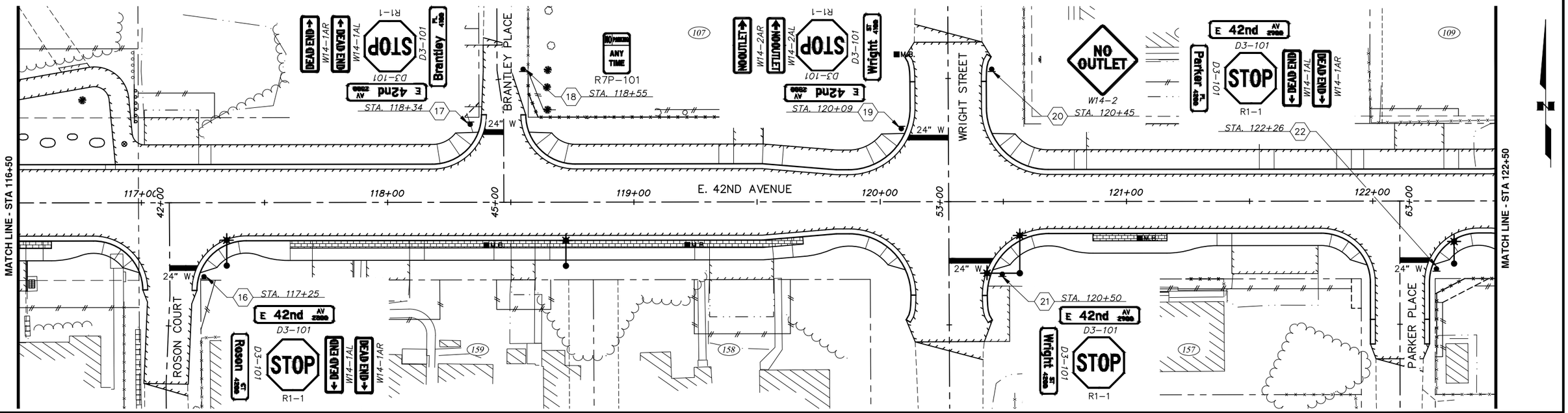
18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED A
LAKE OTIS PARKWAY TO PIPER STREET

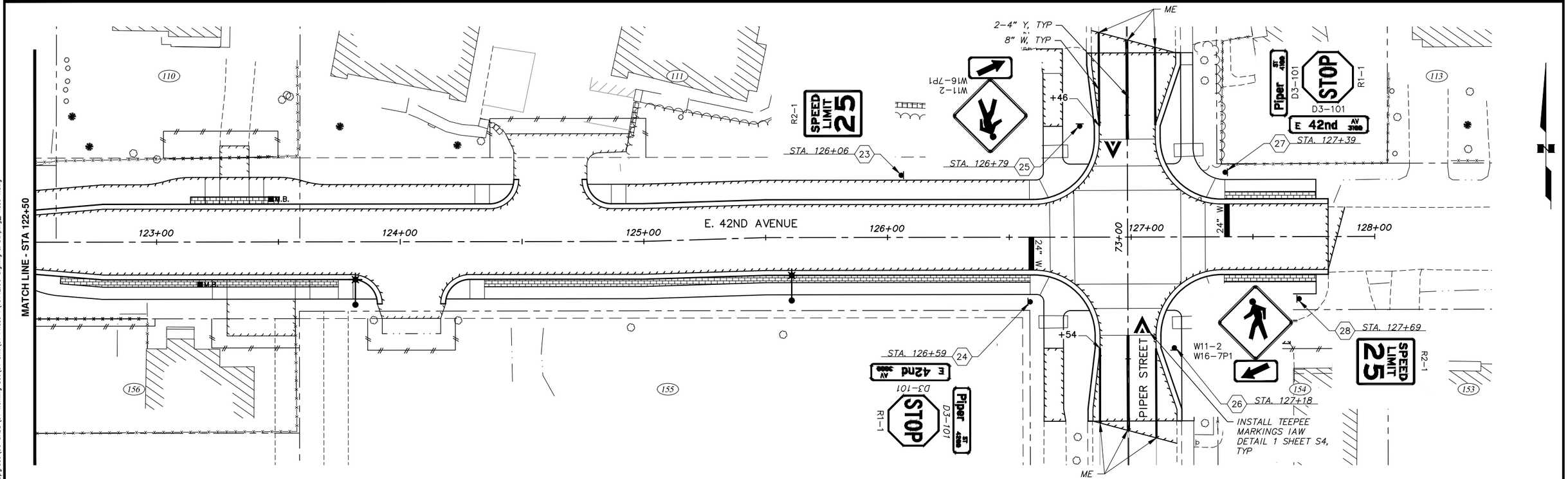
SIGNING & STRIPING

STA 105+00 TO STA 116+50

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET S2 of S4

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Signing & Striping_Phase 1.dwg





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WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

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GRAPHIC 40 20 0 20 40 SCALE

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

SIGNING & STRIPING

STA 116+50 TO STA 126+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET S3 of S4

STANDARD SIGN

SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	WIDTH (INCHES)	HEIGHT (INCHES)	AREA (SF)	SIGN FACES	SIGN POST	REMARKS
S1	1	301+81	6.5 LT	R1-1	STOP	30	30	6.25	N	2.5" PST	
	2	304+71	6.1 LT	R1-1	STOP	30	30	6.25	N	2.5" PST	
	3	99+81	22.0 RT	D3-101	E 42ND AV 2200	36	12	3.00	N/S	MOUNT ON LIGHT POLE	ONE DOUBLE SIDED PANEL
				D3-101	LAKE OTIS PKWY 4200	36	8	2.00	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	W		
				R3-5R	RIGHT TURN ONLY	36	30	7.50	W		
	4	100+45	11.9 RT	R6-1R	ONE WAY	36	12	6.00	E/W	2.5" PST	MOUNT 2 SIGNS BACK TO BACK
	5	100+50	8.3 LT	W12-1	DOUBLE ARROW	36	36	9.00	N	2.5" PST	
	6	100+58	19.4 RT	W12-1	DOUBLE ARROW	36	36	9.00	S	2.5" PST	
	7	101+06	29.4 LT	D3-101	E 42ND AV 2300	36	12	3.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	LAKE OTIS PKWY 4100	36	8	2.00	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	E		
				R3-5R	RIGHT TURN ONLY	36	30	7.50	E		
	8	101+44	27.9 RT	R2-1	SPEED LIMIT 25	24	30	5.00	W	–	MOUNT ON LIGHT POLE
S2	9	106+82	33.6 LT	D3-101	E 42ND AV 2400	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	LAUREL ST 4100	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	N		
	10	107+28	30.8 RT	D3-101	E 42ND AV 2500	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	LAUREL ST 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	S		
	11	108+63	30.6 LT	D3-101	E 42ND AV 2500	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	HICKORY PL 4100	36	8	2.00	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	N		
	12	113+37	23.3 RT	R1-1	STOP	30	30	6.25	W	2.5" PST	
				R1-3P	ALL WAY	18	6	0.75	W		
	13	113+45	34.6 LT	D3-101	E 42ND AV 2600	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	FOLKER ST 4100	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	N		
				R1-3P	ALL WAY	18	6	0.75	N		
	14	113+86	31.9 RT	D3-101	E 42ND AV 2700	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	FOLKER ST 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	S		
				R1-3P	ALL WAY	18	6	0.75	S		
	15	114+03	17.9 LT	R1-1	STOP	30	30	6.25	E	2.5" PST	
				R1-3P	ALL WAY	18	6	0.75	E		
S3	16	117+25	30.1 RT	D3-101	E 42ND AV 2800	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	ROSON CT 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	S		
				W14-1AL	DEAD END	36	8	2.00	E		MOUNT SIGNS BACK TO BACK
				W14-1AR	DEAD END	36	8	2.00	W		
	17	118+34	31.7 LT	D3-101	BRANTLEY PL 4100	36	8	2.00	E/W	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	E 42ND AV 2800	36	8	2.00	N/S		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	N		
				W14-1AL	DEAD END	36	8	2.00	W		MOUNT SIGNS BACK TO BACK
				W14-1AR	DEAD END	36	8	2.00	E		
	18	118+55	54.0 LT	R7P-101	NO PARKING ANY TIME	12	18	1.50	S	2.5" PST	
	19	120+09	29.7 LT	D3-101	E 42ND AV 2800	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	WRIGHT ST 4100	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				W14-2AL	NO OUTLET	36	8	2.00	W		MOUNT SIGNS BACK TO BACK
				W14-2AR	NO OUTLET	36	8	2.00	E		
				R1-1	STOP	30	30	6.25	N		

STANDARD SIGN (CONT.)

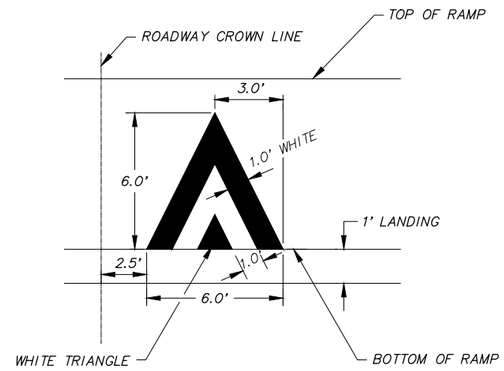
SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	WIDTH (INCHES)	HEIGHT (INCHES)	AREA (SF)	SIGN FACES	SIGN POST	REMARKS
S3	20	120+45	53.7 LT	W14-2	NO OUTLET	30	30	6.25	S	2.5" PST	
	21	120+50	29.5 RT	D3-101	E 42ND AV 2900	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	WRIGHT ST 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	S		
	22	122+26	27.6 RT	D3-101	E 42ND AV 2900	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	PARKER PL 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	S		
				W14-AL	DEAD END	36	8	2.00	E		MOUNT SIGNS BACK TO BACK
				W14-1AR	DEAD END	36	8	2.00	W		
	23	126+06	25.5 LT	R2-1	SPEED LIMIT 25	24	30	5.00	E	2.5" PST	
	24	126+59	26.5 RT	D3-101	E 42ND AV 3000	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	PIPER ST 4200	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	W		
	25	126+79	45.6 LT	W11-2	PEDESTRIAN TRAFFIC	30	30	6.25	N	2.5" PST	
				W16-7P	ARROW (LEFT)	24	12	2.00	N		
	26	127+18	45.5 RT	W11-2	PEDESTRIAN TRAFFIC	30	30	6.25	S	2.5" PST	
				W16-7P	ARROW (LEFT)	24	12	2.00	S		
	27	127+39	26.5 LT	D3-101	E 42ND AV 3100	36	8	2.00	N/S	2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	PIPER ST 4100	30	8	1.67	E/W		ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25	E		
	28	127+69	25.5 RT	R2-1	SPEED LIMIT 25	24	30	5.00	W	2.5" PST	

SIGNING NOTES:

1. *THE STATIONS INDICATED IN THE SIGN SUMMARY ARE APPROXIMATE. INSTALL SIGNS AND SIGN FOUNDATIONS PER MASS STANDARD DETAILS. BEFORE INSTALLING ANY SIGN, STAKE THE LOCATION OF ALL SIGNS FOR THE ENGINEER'S REVIEW AND APPROVAL.*
2. *PROVIDE PERFORATED STEEL TUBE (PST) SIGN POSTS OF THE SIZE INDICATED IN THE SIGN SUMMARY.*
3. *INSTALL THE POSTS FOR STOP SIGNS AT LOCATIONS THAT CONFORM TO MASS STANDARD DETAIL 70-18.*
4. *ALL STOP SIGNS AND STREET NAME SIGNS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.*
5. *INSTALL SIGNS ON LIGHT POLES PER MASS STANDARD DETAIL 70-30.*
6. *THE LETTERING FOR STREET NAME SIGNS (D3 SERIES) SHALL BE FEDERAL HIGHWAY ADMINISTRATION "FHWA 2000 SERIES C" LETTERING, A COMBINATION OF LOWER-CASE LETTERS WITH INITIAL UPPER-CASE LETTERS.*
7. *PROVIDE YEAR INSTALL STICKERS ON BACKS OF NON-DOUBLE-FACED SIGNS PER AKDOT STANDARD SPECIFICATIONS 615 TABLE 615-1.*

STRIPING NOTES:

1. *UNLESS OTHERWISE NOTED, PROVIDE METHYL METHACRYLATE PAINT OF THE COLORS AND WIDTHS SPECIFIED FOR THE TRAFFIC MARKINGS INDICATED IN THE DRAWINGS. CURB NOSE PAINT SHALL BE METHYL METHACRYLATE PAINT WITH 60 MILS THICKNESS. PROVIDE 125 MILS INLAID APPLICATION TRAFFIC MARKINGS. REPLACE ALL ON-PROPERTY STRIPING DAMAGED DURING CONSTRUCTION WITH TRAFFIC PAINT THAT MATCHES THE EXISTING COLOR AND WIDTH.*
2. *"W" REFERENCES WHITE MARKINGS, AND "Y" REFERENCES YELLOW MARKINGS.*
3. *ALL STRIPING SHALL CONFORM TO THESE CONTRACT DOCUMENTS AND THE STANDARD MASS DETAILS. ALL REVISIONS SHALL CONFORM TO THE LATEST EDITION OF THE ALASKA TRAFFIC MANUAL AND THE MUTCD.*
4. *DIMENSIONS REFERENCE CENTER OF STRIPE TO CENTER OF STRIPE OR EDGE OF PAVEMENT.*



PLAN VIEW

1 TEPEE MARKINGS FOR RAISED INTERSECTION
SCALE: NTS

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PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
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CONSTRUCTION RECORD — VERTICAL DATUM

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REVISIONS

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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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STATE OF ALASKA — 49TH — REGISTERED PROFESSIONAL ENGINEER — Robert W. Burdick — CE-12969 — 3/27/24
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18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED A

SIGNING & STRIPING

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET S4 of S4

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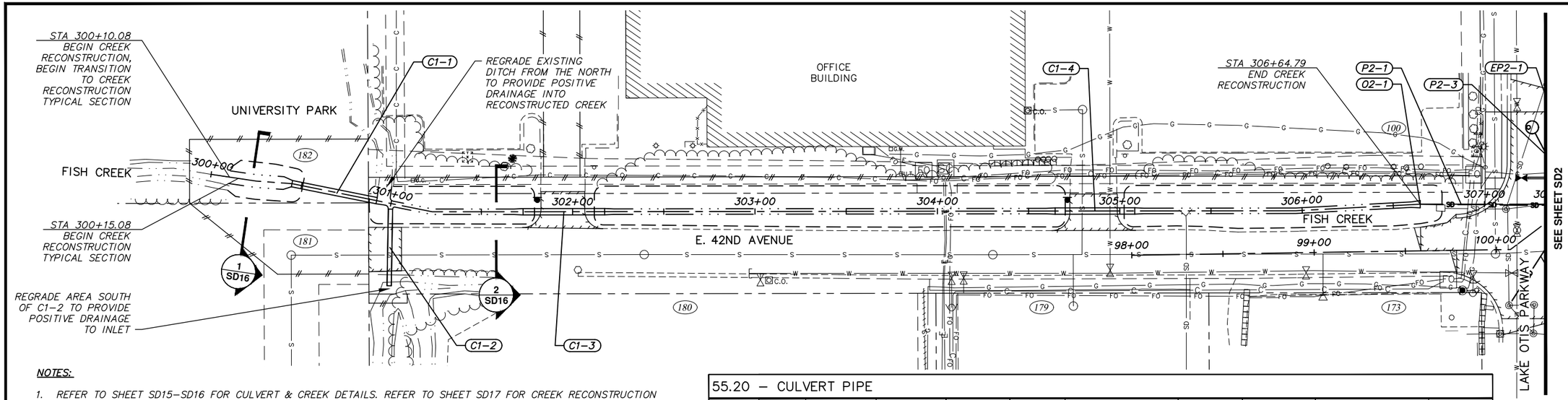


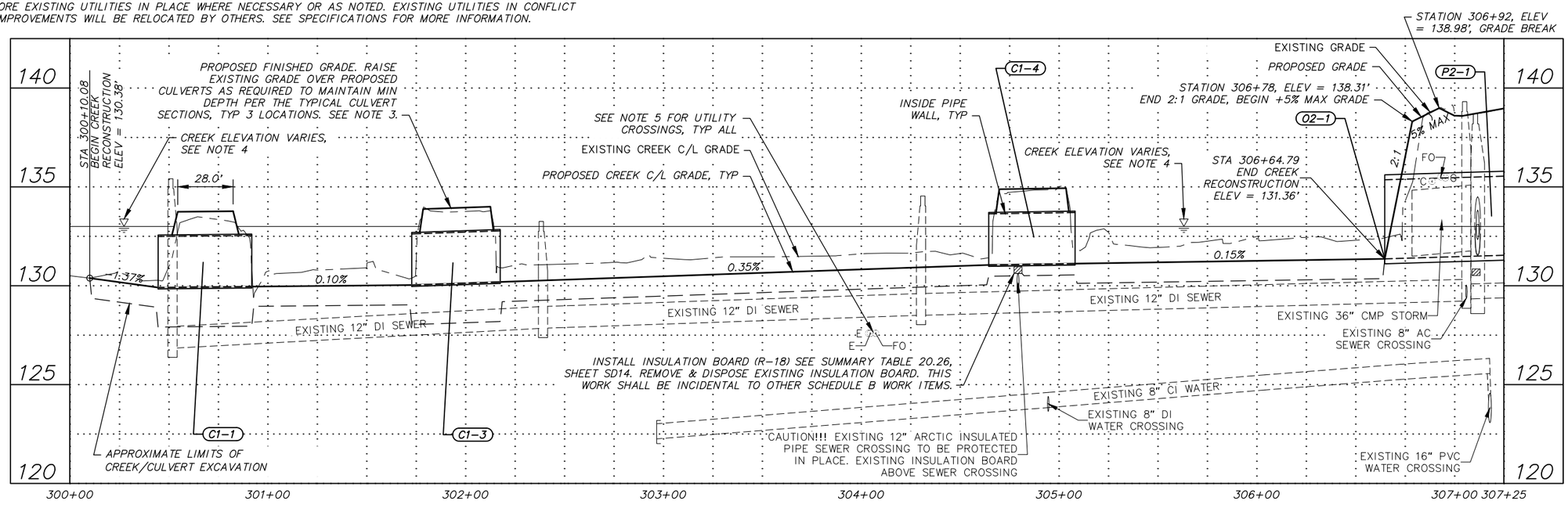
NOTES:

1. REFER TO SHEET SD15–SD16 FOR CULVERT & CREEK DETAILS. REFER TO SHEET SD17 FOR CREEK RECONSTRUCTION PLAN. RIPRAP ARMOR MIX AND STREAM SUBSTRATE NOT SHOWN ON THIS SHEET FOR CLARITY.
2. REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.
3. SEE RECONSTRUCT DRIVEWAY SUMMARY TABLE ON SHEET T1 FOR PARCEL 100 DRIVEWAY RECONSTRUCTION INFORMATION. THE PARCEL 182 ACCESS OVER THE PROPOSED CULVERT SHALL BE CONSTRUCTED WITH MAX 12% GRADE TO MATCH INTO EXISTING GRADE NORTH AND SOUTH OF CULVERT AS DIRECTED BY ENGINEER IN THE FIELD.
4. CONTRACTOR SHALL DIVERT CREEK AND DITCHES AS REQUIRED TO MANAGE CREEK BACKWATER TO MINIMIZE IMPACTS FOR INSTALLATION OF CULVERTS AND STORM DRAIN IMPROVEMENTS AND FOR RECONSTRUCTING THE CREEK.
5. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.

55.20 – CULVERT PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	INLET STATION	INLET OFFSET	INLET INVERT ELEVATION (FT.)	OUTLET STATION	OUTLET OFFSET	OUTLET INVERT ELEVATION (FT.)	SLOPE
C1–1	40 X 31	PIPE–ARCH*	47.35	300+92.00	CL	129.96	300+44.65	CL	129.91	0.11%
C1–2	24	CPEP, S	42.07	301+07.89	44.44 RT	130.74	301+00.35	3.05 RT	130.00	1.76%
C1–3	40 X 31	PIPE–ARCH*	44.73	302+17.62	CL	130.19	301+72.89	CL	130.03	0.36%
C1–4	40 X 31	PIPE–ARCH*	43.67	305+08.24	CL	131.12	304+64.57	CL	131.05	0.16%

* PIPE SHALL BE ULTRA FLO PIPE–ARCH MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL.



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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
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GRAPHIC 60 30 0 30 60 SCALE

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STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
5/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

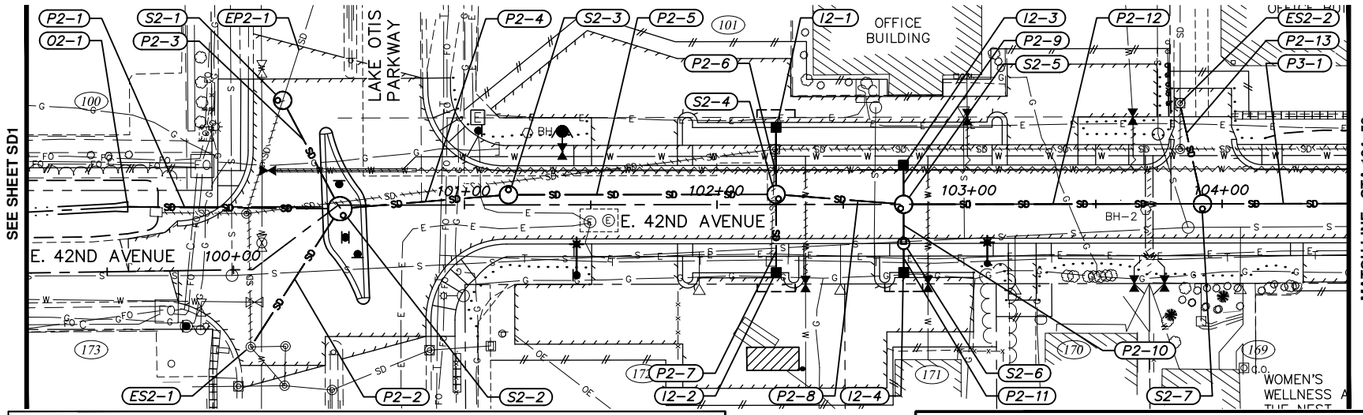
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED B
LAKE OTIS PARKWAY TO PIPER STREET

STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 300+00 TO STA 307+25

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD1 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain–Plan & Profile_Phase 1.dwg



MATCH LINE - STA 104+50

NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *CONTRACTOR SHALL DIVERT CREEK AND DITCHES AS REQUIRED TO MANAGE CREEK BACKWATER TO MINIMIZE IMPACTS FOR INSTALLATION OF CULVERTS AND STORM DRAIN IMPROVEMENTS.*
5. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
6. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*
7. *PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z-LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.*
8. *INSTALL PIPE P2–2 INTO STRUCTURE ES2–1 AS REQUIRED TO AVOID IMPACTING EXISTING GATE AND FRAME CONNECTED TO END OF PIPE ENTERING MANHOLE FROM THE EAST.*

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P2–1**	48	CPEP, S	84.03	S2–2	02–1	131.60	131.36	0.30%
P2–2**	18	CPEP, S	65.15	ES2–1	S2–2	133.00	132.16	1.44%
EP2–1	29x18	CMP	–	–	S2–1	–	131.7±	–
P2–3**	24	CPEP, S	48.49	S2–1	S2–2	131.70	131.60	0.24%
P2–4*	40x31	PIPE–ARCH	66.92	S2–3	S2–2	131.78	131.60	0.30%
P2–5	36	CPEP, S	105.97	S2–4	S2–3	132.08	131.78	0.30%
P2–6	10	CPEP, S	26.50	I2–1	S2–4	133.07	133.00	0.33%
P2–7	10	CPEP, S	31.00	I2–2	S2–4	133.08	133.00	0.31%
P2–8	36	CPEP, S	50.64	S2–5	S2–4	132.22	132.08	0.31%
P2–9	12	CPEP, S	15.50	I2–3	S2–5	133.50	133.39	1.05%
P2–10	12	CPEP, S	15.50	S2–6	S2–5	133.50	133.39	1.05%
P2–11	10	CPEP, S	11.50	I2–4	S2–6	133.53	133.50	0.40%
P2–12	36	CPEP, S	118.33	S2–7	S2–5	132.56	132.22	0.30%
P2–13**	12	CPEP, S	40.85	ES2–2	S2–7	133.40	133.04	1.00%

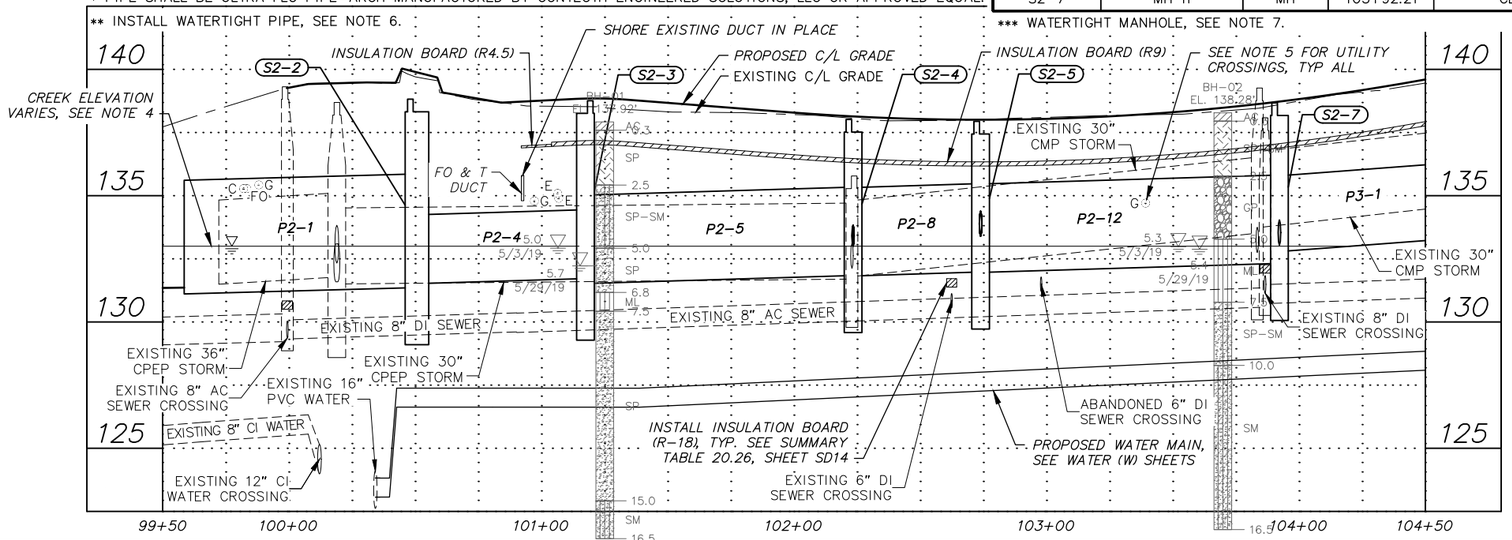
* PIPE SHALL BE ULTRA FLO PIPE–ARCH MANUFACTURED BY CONTECTH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL.

55.04, 55.05 & 55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
02–1	OUTFALL	–	99+58.53	25.59' LT	–	N/A	SEE DETAIL 3 & 4, SHEET SD15
ES2–1	CONNECT	MH	100+06.36	30.60' RT	140.14	N/A	EXISTING MH – CONNECT PIPE P2–2, SEE NOTE 8.
S2–1***	MH II / CONNECT	MH	N: 327664.71	E: 356615.55	–		CONNECT PIPE EP2–1.
S2–2	MH III (96" DIA)	MH	100+50.70	1.38' RT	139.85	N/A	
S2–3	MH II	MH	101+17.43	4.00' LT	138.39	N/A	
S2–4	MH II	MH	102+23.40	4.00' LT	138.02	N/A	
I2–1	CB (RED)	CI	102+23.40	30.50' LT	136.66	1	SEE DETAIL 1, SHEET SD12
I2–2	CB (RED)	CI	102+23.40	27.00' RT	136.83	1	SEE DETAIL 1, SHEET SD12
S2–5	MH II	MH	102+73.88	CL	137.92	N/A	
I2–3	CB	CI	102+73.88	15.50' LT	138.00	1	
S2–6	CB MH I	CI	102+73.88	15.50' RT	138.00	1	SEE DETAIL 4, SHEET SD12. CONSTRUCT STRUCTURE WITH 12" SUMP.
I2–4	CB (RED)	CI	102+73.88	27.00' RT	137.26	1	SEE DETAIL 1, SHEET SD12
ES2–2	CONNECT	MH	103+83.45	39.90' LT	138.65	N/A	EXISTING MH – CONNECT PIPE P2–13
S2–7	MH II	MH	103+92.21	CL	138.63	N/A	

** INSTALL WATERTIGHT PIPE, SEE NOTE 6.

*** WATERTIGHT MANHOLE, SEE NOTE 7.



RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
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DATA TRANSFER CHECKED BY: _____ TITLE: _____
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BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882–AK
CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

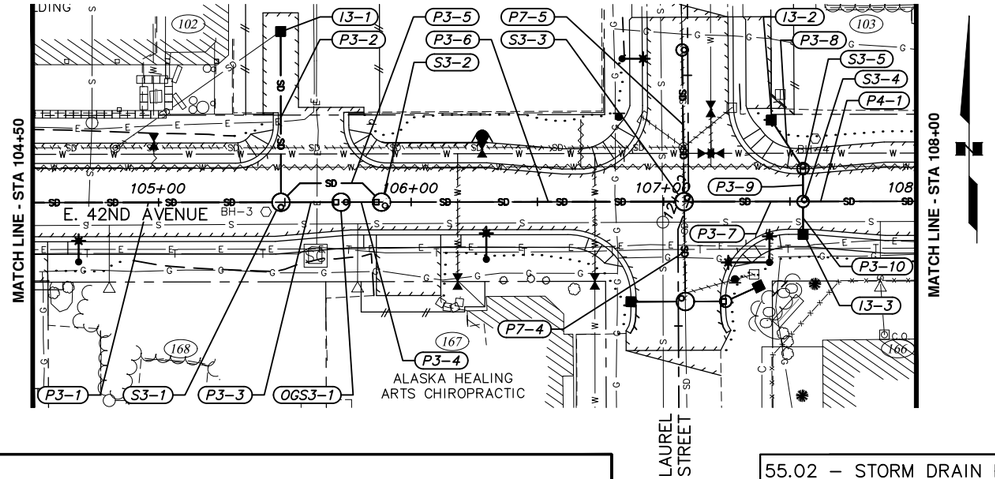
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED B
LAKE OTIS PARKWAY TO PIPER STREET

STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 99+50 TO STA 104+50

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD2 of SD17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain–Plan & Profile_Phase 1.dwg



55.05, 55.09 & 55.22 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S3–1	MH II	MH	105+48.45	CL	142.43	N/A	
I3–1	CB	MH	105+48.44	67.68' LT	141.45	N/A	TOP INTAKE COVER (MASS DETAIL 55–8)
OGS3–1	OGS	MH	105+72.25	CL	142.03	N/A	SEE DETAIL 3, SHEET SD11
S3–2	BYPASS, MH II	MH	105+88.25	CL	142.51	N/A	SEE DETAIL 2, SHEET SD11
S3–3	MH II	MH	107+08.08	CL	145.25	N/A	
S3–4	MH I	MH	107+55.18	CL	146.70	N/A	
S3–5***	CB MH I	MH	107+55.18	13.00' LT	146.92	1	
I3–2	CB	FI	107+42.66	32.23' LT	144.91	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12
I3–3	CB	CI	107+55.18	13.00' RT	146.92	1	

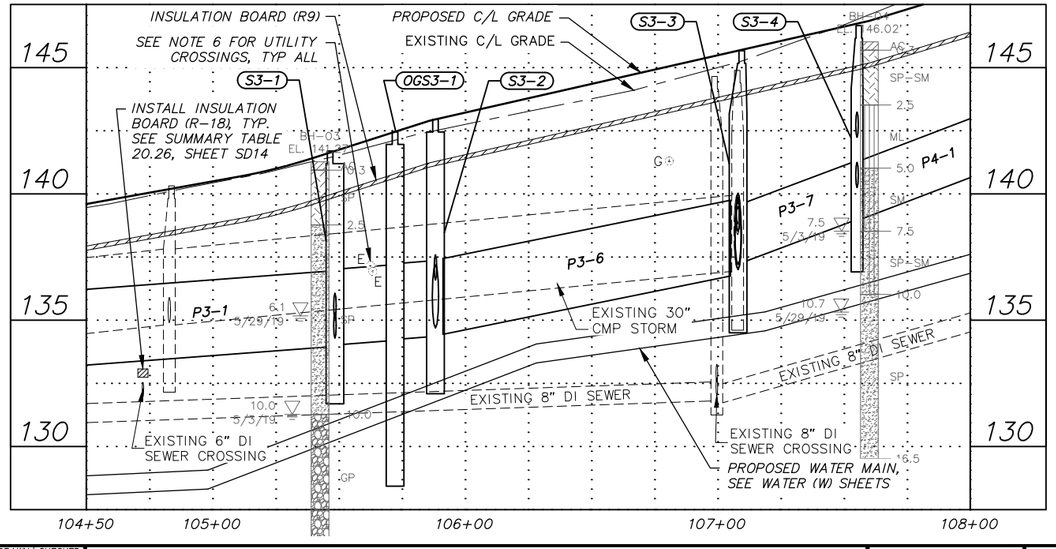
*** WATERTIGHT MANHOLE, SEE NOTE 8.

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P3–1	30	CPEP, S	156.24	S3–1	S2–7	134.19	133.06	0.75%
P3–2	12	CPEP, S	67.68	I3–1	S3–1	135.70	135.07	1.01%
P3–3	30	CPEP, S	23.80	OGS3–1	S3–1	134.43	134.29	0.79%
P3–4	30	CPEP, S	16.00	S3–2	OGS3–1	134.59	134.51	0.80%
P3–5*	12	CPEP, S	46.02	S3–2	S3–1	136.59	134.29	5.75%
P3–6	30	CPEP, S	119.83	S3–3	S3–2	137.00	134.69	2.03%
P3–7	24	CPEP, S	47.10	S3–4	S3–3	139.08	137.50	3.75%
P3–8	10	CPEP, S	22.94	I3–2	S3–5	140.91	140.53	2.02%
P3–9**	12	CPEP, S	13.00	S3–5	S3–4	140.43	140.25	2.00%
P3–10	12	CPEP, S	13.00	I3–3	S3–4	142.42	142.24	2.00%

* OGS3–1 MAINTENANCE BYPASS PIPE, SEE NOTE 5.

** INSTALL WATERTIGHT PIPE, SEE NOTE 7.



NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *REFER TO SHEET SD11 FOR OGS AND BYPASS STRUCTURE DETAILS.*
5. *CPEP FITTINGS I.A.W. MASS SECTION 55.02 SHALL BE USED FOR BYPASS PIPING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. LOCATION OF FITTINGS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD LOCATE FITTINGS WITH ENGINEER'S APPROVAL TO MINIMIZE CONFLICTS WITH OTHER UTILITIES AND OBSTRUCTIONS. CONCRETE THRUST BLOCKS I.A.W. MASS STANDARD DETAIL 60–06 SHALL BE INSTALLED AT ALL FITTINGS. PAYMENT FOR THRUST BLOCKS SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM 55.02, FURNISH, INSTALL, AND TELEVISE PIPE.*
6. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
7. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*
8. *PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z–LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.*

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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
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CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
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ANCHORAGE, ALASKA 99503
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#AECL882–AK
CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

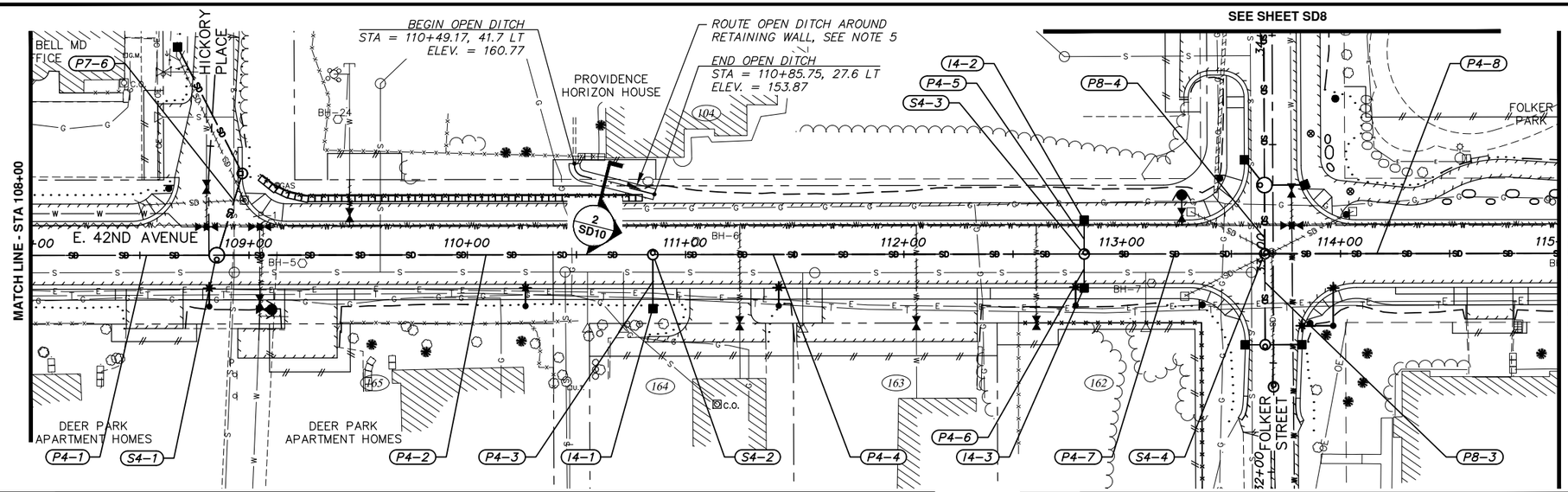
18–06 | 42ND AVENUE UPGRADE – PHASE 1 | LAKE OTIS PARKWAY TO PIPER STREET | SCHED B

STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 104+50 TO STA 108+00

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD3 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain–Plan & Profile_Phase 1.dwg



NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
5. *ROUTE OPEN DITCH FROM OUTLET END OF 12–INCH CPEP DRAINAGE PIPE AROUND RETAINING WALL AS DIRECTED BY ENGINEER IN THE FIELD. GRADE DRAINAGE SWALE TO PROVIDE POSITIVE DRAINAGE.*
6. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*
7. *PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z–LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.*

55.05 & 55.09 – STORM DRAIN STRUCTURES

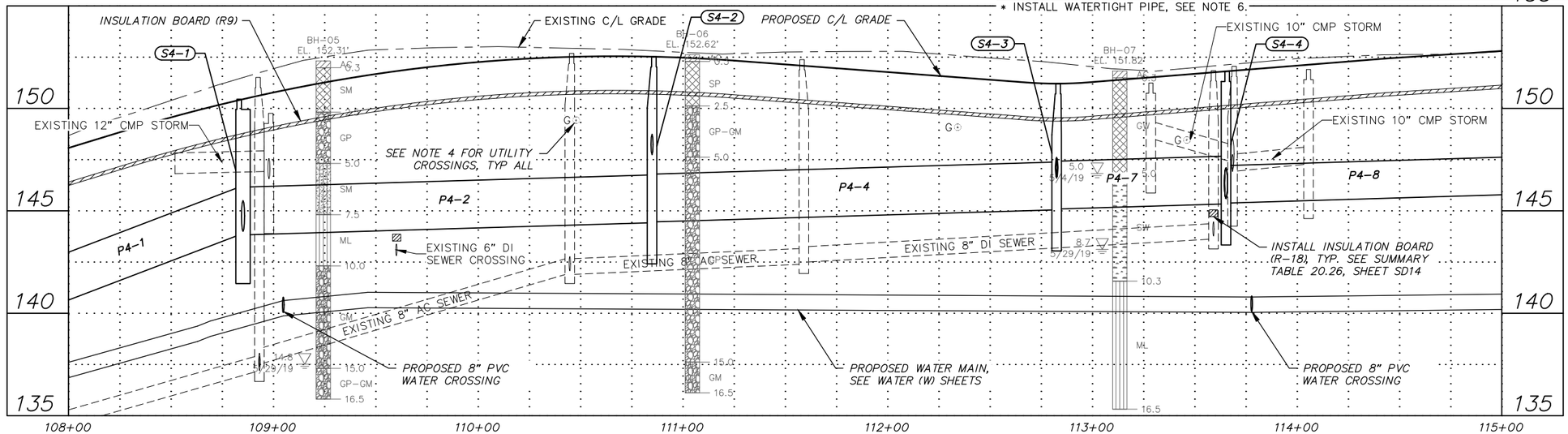
STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S4–1**	MH II	MH	108+85.25	CL	150.37	N/A	
S4–2	MH I	MH	110+85.00	CL	152.47	N/A	
I4–1	CB	FI	110+85.00	24.77' RT	152.16	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12
S4–3	MH I	MH	112+82.60	CL	151.16	N/A	
I4–2	CB	CI	112+82.60	15.50' LT	151.34	1	
I4–3	CB	CI	112+82.60	15.50' RT	151.34	1	
S4–4**	MH I	MH	113+65.32	CL	151.76	N/A	

** WATERTIGHT MANHOLE, SEE NOTE 7.

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P4–1	24	CPEP, S	130.07	S4–1	S3–4	143.95	139.18	3.81%
P4–2*	24	CPEP, S	199.76	S4–2	S4–1	144.58	144.00	0.30%
P4–3	12	CPEP, S	24.75	I4–1	S4–2	148.16	147.74	2.02%
P4–4	24	CPEP, S	197.60	S4–3	S4–2	145.21	144.63	0.30%
P4–5	12	CPEP, S	15.50	I4–2	S4–3	146.84	146.61	2.00%
P4–6	12	CPEP, S	15.50	I4–3	S4–3	146.84	146.61	2.00%
P4–7	24	CPEP, S	82.72	S4–4	S4–3	145.50	145.26	0.30%
P4–8	18	CPEP, S	245.89	S5–1	S4–4	146.28	145.55	0.30%

* INSTALL WATERTIGHT PIPE, SEE NOTE 6.



RECORD DRAWING

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ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK
CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE–11770
3/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

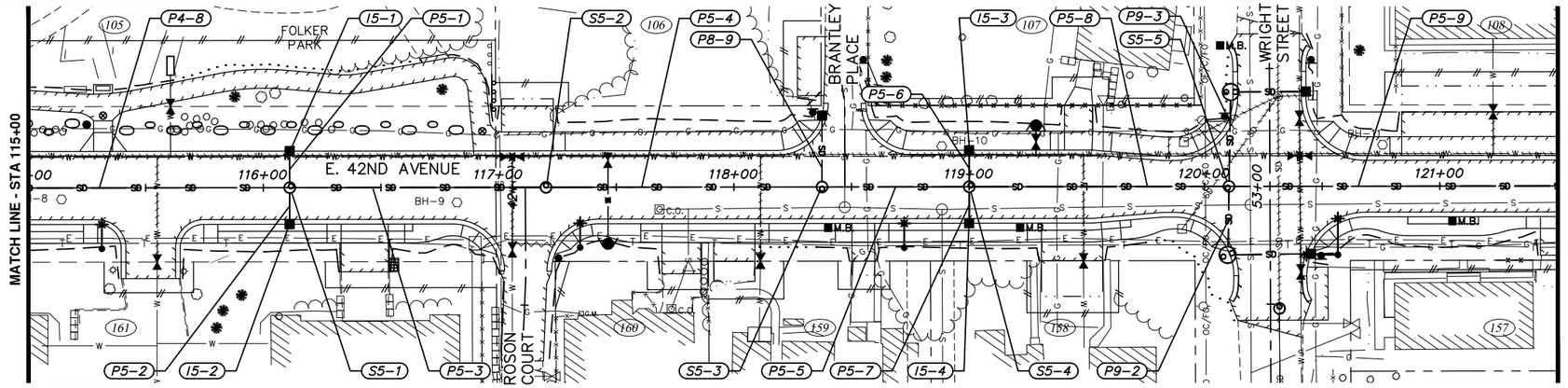
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED B
LAKE OTIS PARKWAY TO PIPER STREET

STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 108+00 TO STA 115+00

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD4 of SD17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain–Plan & Profile_Phase 1.dwg



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5. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*

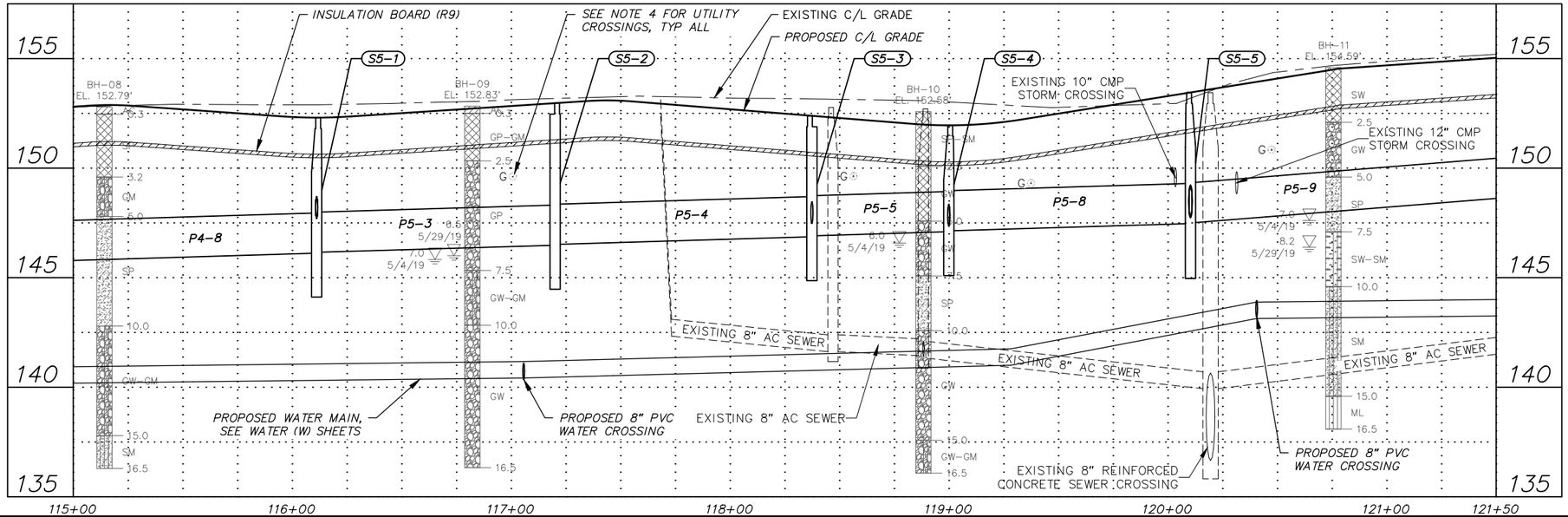
55.05 & 55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S5–1	MH I	MH	116+11.21	CL	152.25	N/A	
I5–1	CB	CI	116+11.21	15.50' LT	152.43	1	
I5–2	CB	CI	116+11.21	15.50' RT	152.43	1	
S5–2	MH I	MH	117+20.13	CL	152.91	N/A	
S5–3	MH I	MH	118+37.45	CL	152.33	N/A	
S5–4	MH I	MH	119+00.00	CL	151.90	N/A	
I5–3	CB	CI	119+00.00	15.50' LT	152.08	1	
I5–4	CB	CI	119+00.00	15.50' RT	152.08	1	
S5–5	MH I	MH	120+10.39	CL	153.39	N/A	

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P5–1	12	CPEP, S	15.50	I5–1	S5–1	147.93	147.70	2.00%
P5–2	12	CPEP, S	15.50	I5–2	S5–1	147.93	147.70	2.00%
P5–3*	18	CPEP, S	108.92	S5–2	S5–1	146.64	146.33	0.30%
P5–4	18	CPEP, S	117.32	S5–3	S5–2	147.03	146.69	0.30%
P5–5	18	CPEP, S	62.55	S5–4	S5–3	147.26	147.08	0.31%
P5–6	12	CPEP, S	15.50	I5–3	S5–4	147.58	147.35	2.00%
P5–7	12	CPEP, S	15.50	I5–4	S5–4	147.58	147.35	2.00%
P5–8	18	CPEP, S	110.39	S5–5	S5–4	147.63	147.31	0.30%
P5–9*	18	CPEP, S	188.49	S6–1	S5–5	149.16	147.68	0.80%

* INSTALL WATERTIGHT PIPE, SEE NOTE 5.



RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
#AECL882–AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
3/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

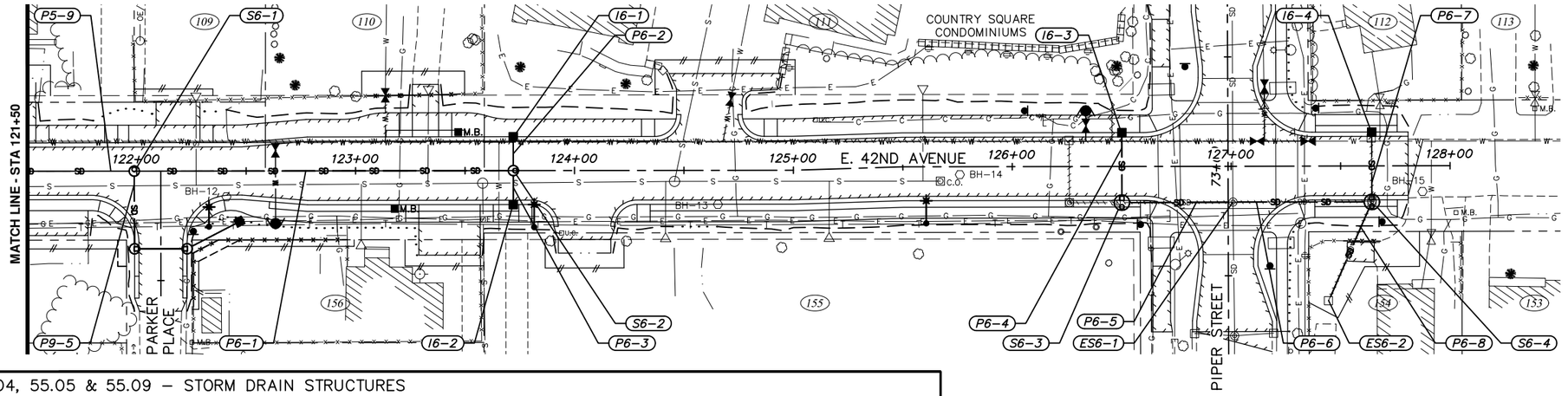
18–06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED B

STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 115+00 TO STA 121+50

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD5 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain–Plan & Profile_Phase 1.dwg



NOTES:

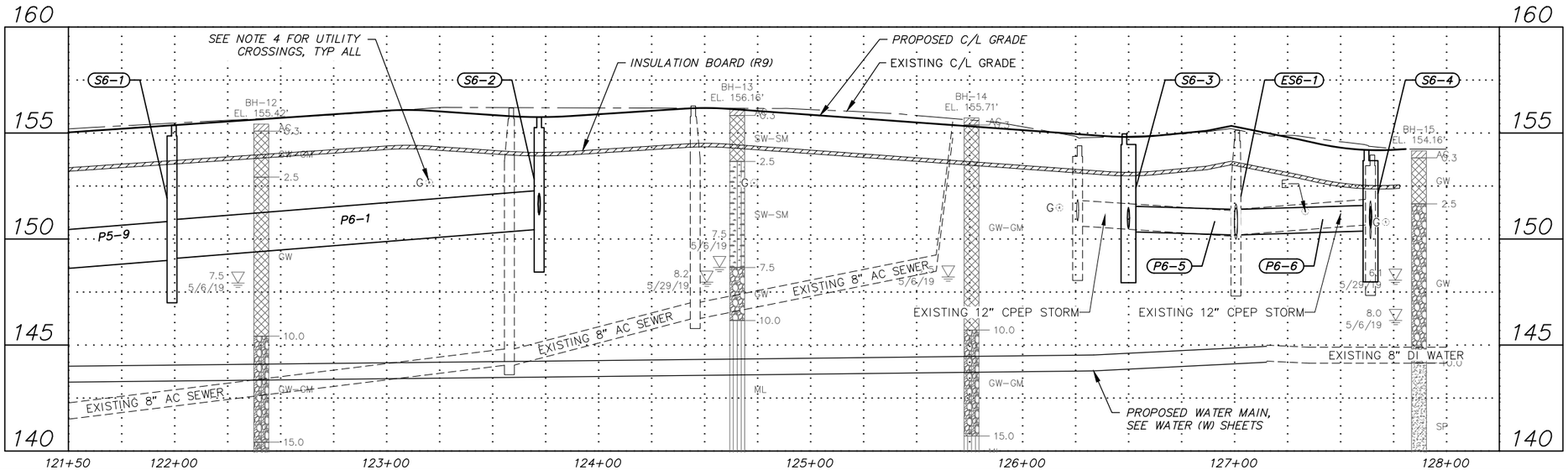
1. CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.
2. REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.
3. REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.
4. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION

55.04, 55.05 & 55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S6–1	MH I	MH	121+98.88	CL	155.31	N/A	
S6–2	MH I	MH	123+72.06	CL	155.71	N/A	
I6–1	CB	CI	123+72.06	15.50' LT	155.88	1	
I6–2	CB	CI	123+72.06	15.50' RT	155.88	1	
S6–3	CB MH II	CI	126+50.06	16.50' RT	154.95	1	
I6–3	CB	CI	126+50.06	15.50' LT	154.95	1	
ES6–1	CONNECT	MH	127+00.77	16.37' RT	155.38	N/A	EXISTING MH – CONNECT PIPES P6–5 & P6–6
S6–4	CB MH II	CI	127+64.25	16.45' RT	154.03	2	
I6–4	CB	CI	127+65.25	15.50' LT	153.99	2	
ES6–2	CONNECT	FI	127+44.33	61.44' RT	±154.9	N/A	EXISTING CB MH WITH BEEHIVE INLET – CONNECT PIPE P6–8

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P6–1	18	CPEP, S	173.18	S6–2	S6–1	150.61	149.26	0.80%
P6–2	12	CPEP, S	15.50	I6–1	S6–2	151.38	151.15	2.00%
P6–3	12	CPEP, S	15.50	I6–2	S6–2	151.38	151.15	2.00%
P6–4	12	CPEP, S	32.00	I6–3	S6–3	150.57	150.49	0.30%
P6–5	12	CPEP, S	50.73	S6–3	ES6–1	150.44	150.30	0.31%
P6–6	12	CPEP, S	63.48	S6–4	ES6–1	150.48	150.30	0.31%
P6–7	12	CPEP, S	31.95	I6–4	S6–4	150.61	150.53	0.30%
P6–8	10	CPEP, S	49.21	ES6–2	S6–4	151.8±	150.65	2.60%



RECORD DRAWING

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DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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PHONE: (907) 562–3252
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STATE OF ALASKA 49 TH
Joseph C. Hegna
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

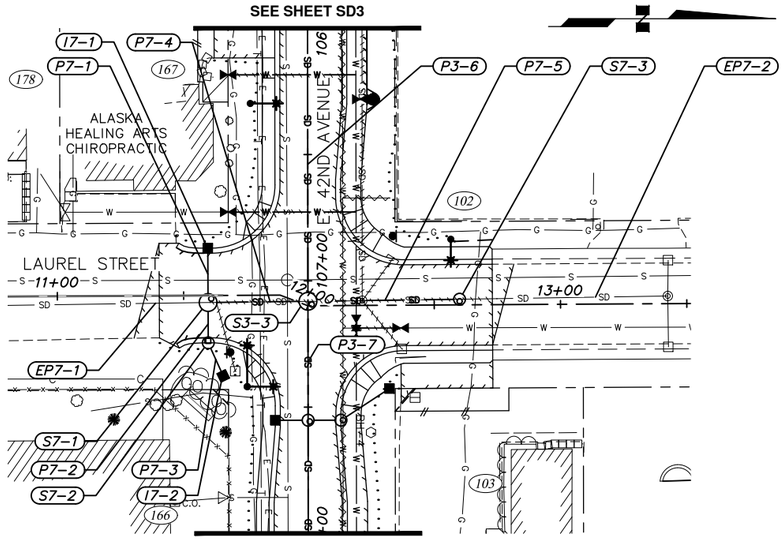
18–06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED B

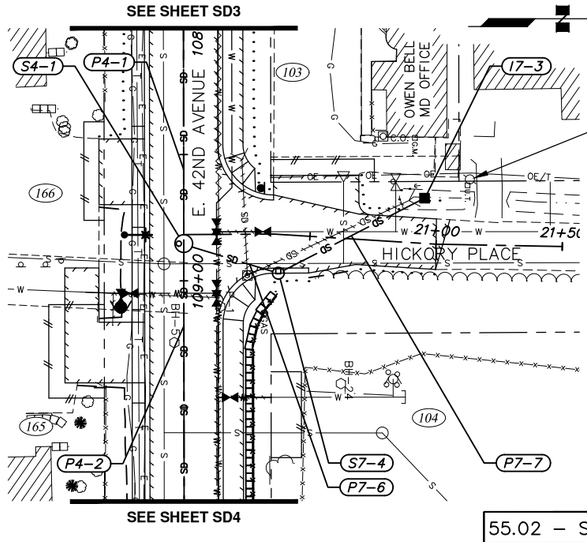
STORM DRAIN PLAN & PROFILE

42ND AVENUE
STA 121+50 TO EOP

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD6 of SD17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain-Plan & Profile_Phase 1.dwg





SHORE EXISTING UTILITY POLE IN PLACE IF GUY WIRE SOUTH OF UTILITY POLE REQUIRES TEMPORARY REMOVAL FOR CATCH BASIN. COORDINATE WORK WITH CEA.

NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
5. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*
6. *PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z-LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.*

55.04, 55.05 & 55.09 – STORM DRAIN STRUCTURES

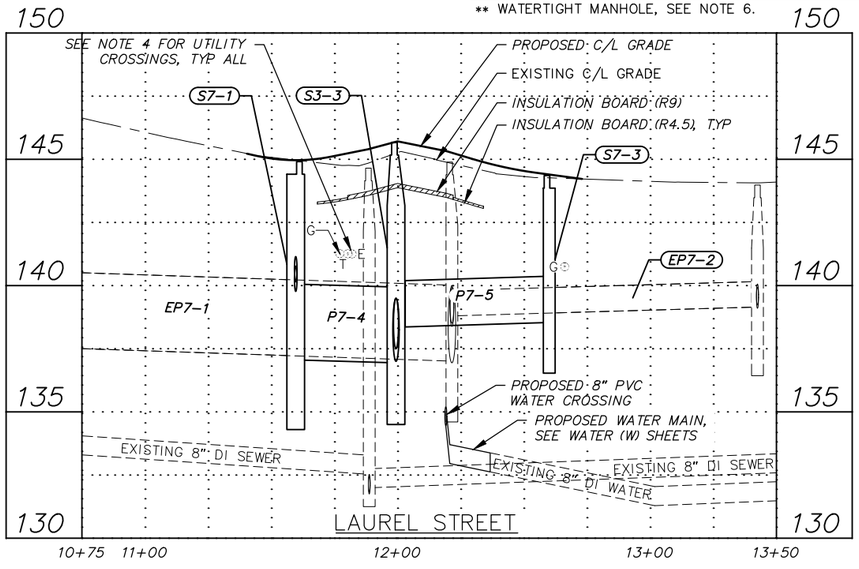
STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S7–1	MH II/CONNECT	MH	11+59.66	2.78' RT	144.90	N/A	CONNECT EXISTING PIPE EP7–1
I7–1	CB	CI	11+59.66	18.75' LT	145.03	1	
S7–2	CB MH I	CI	11+59.66	18.75' RT	145.03	1	
I7–2	CB	FI	11+68.51	31.86' RT	144.30	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12
S7–3**	MH I/CONNECT	MH	12+60.04	2.23' LT	144.21	N/A	CONNECT EXISTING PIPE EP7–2
S7–4	CB MH I	CI	20+38.40	15.35' RT	150.62	1	
I7–3	CB	FI	20+94.33	17.91' LT	147.56	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12

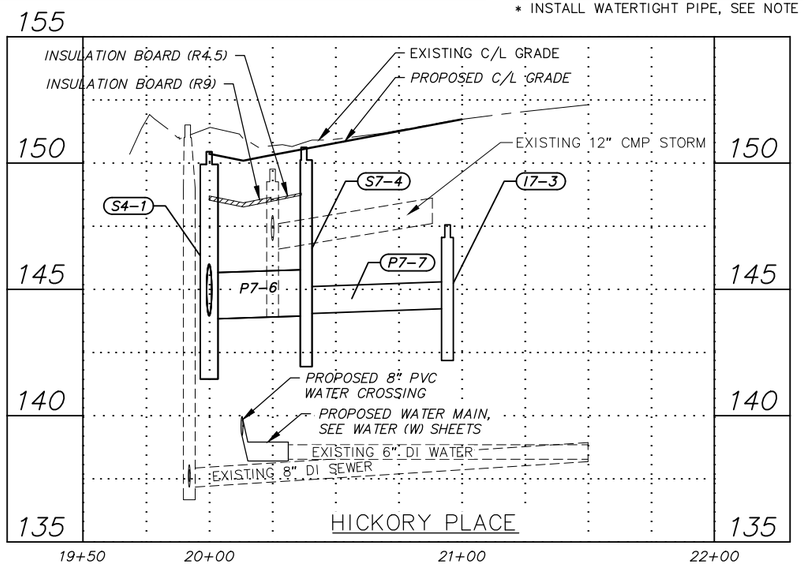
** WATERTIGHT MANHOLE, SEE NOTE 6.

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
EP7–1	30	CMP	–	–	S7–1	–	137.5±	–
P7–1	12	CPEP, S	21.53	I7–1	S7–1	140.48	140.15	2.00%
P7–2	12	CPEP, S	15.97	S7–2	S7–1	139.99	139.77	2.01%
P7–3	12	CPEP, S	14.35	I7–2	S7–2	140.30	140.09	2.03%
P7–4	30	CPEP, S	39.55	S7–1	S3–3	137.30	137.20	0.30%
P7–5*	18	CPEP, S	60.04	S7–3	S3–3	138.70	138.53	0.31%
EP7–2	12	CMP	–	–	S7–3	–	138.9±	–
P7–6*	18	CPEP, S	39.22	S7–4	S4–1	144.11	144.00	0.32%
P7–7	10	CPEP, S	65.07	I7–3	S7–4	144.35	144.16	0.31%

* INSTALL WATERTIGHT PIPE, SEE NOTE 5.





RECORD DRAWING

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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

CONSTRUCTION RECORD

GRAPHIC SCALE 60 30 0 30 60

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562–3252
@ECL882–AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

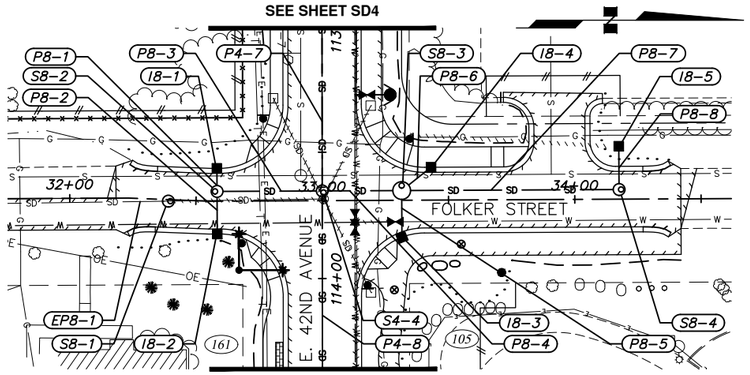
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED B
LAKE OTIS PARKWAY TO PIPER STREET

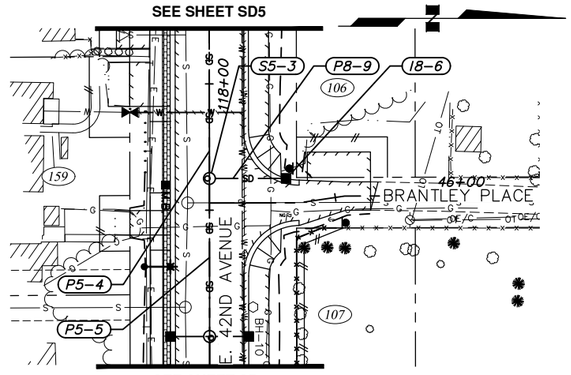
STORM DRAIN PLAN & PROFILE

LAUREL STREET & HICKORY PLACE

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD7 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Sidestreets-Plan & Profile_Phase 1.dwg





NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *SHAPE CURB PROFILE ON BOTH SIDES OF CURB INLET TO MATCH CASTING.*
5. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
6. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*
7. *PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z–LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.*

55.04, 55.05 & 55.09 – STORM DRAIN STRUCTURES

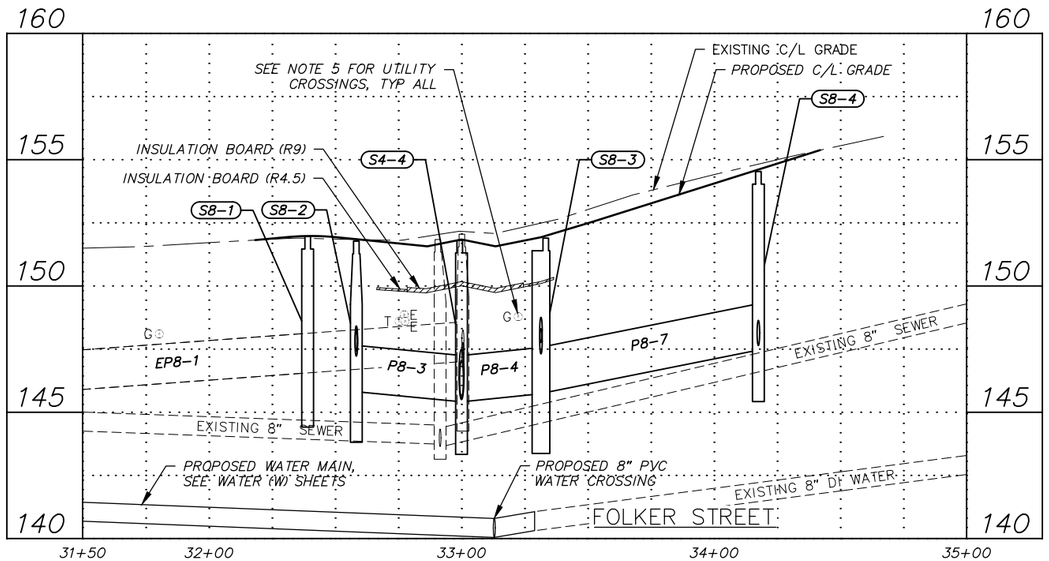
STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S8–1	MH I/CONNECT	MH	32+39.08	0.61' RT	151.93	N/A	CONNECT EXISTING PIPE EP8–1
S8–2	MH I	MH	32+58.36	3.86' LT	151.74	N/A	
I8–1	CB	CI	32+58.36	13.00' LT	152.03	1	
I8–2	CB	CI	32+58.36	13.00' RT	151.98	1	
S8–3**	MH II	MH	33+31.48	3.84' LT	151.83	N/A	
I8–3	CB	CI	33+31.48	14.63' RT	152.08	1	
I8–4	CB	CI	33+43.14	13.00' LT	152.46	1	
S8–4**	MH I	MH	34+17.55	3.81' LT	154.52	N/A	
I8–5	CB	FI	34+17.52	20.94' LT	151.75	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12
I8–6	CB	CI	45+30.36	9.68' LT	152.00	1A	OLYMPIC FOUNDRY CURB INLET FRAME & GRATE (PART NO. SM18DI) OR APPROVED EQUAL, SEE NOTE 4.

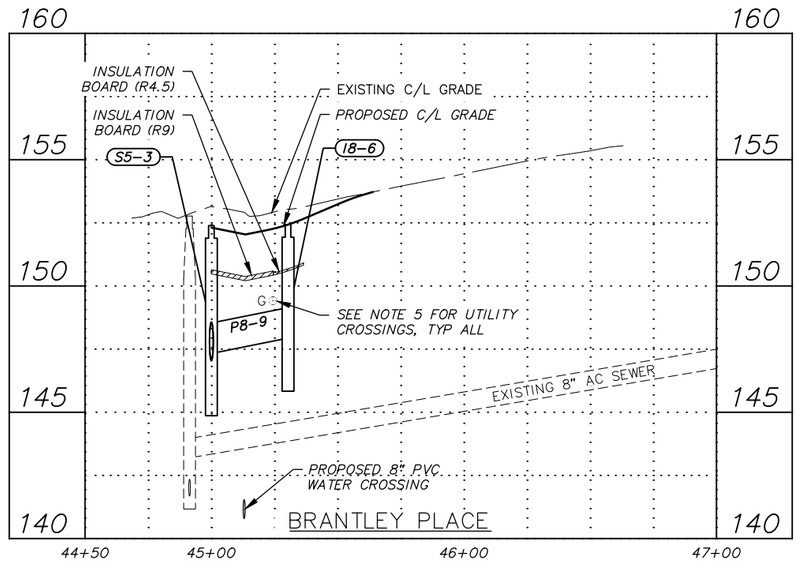
** WATERTIGHT MANHOLE, SEE NOTE 7.

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
EP8–1	18	CMP	–	S8–1	–	146.6±	–	–
P8–1	12	CPEP, S	9.15	I8–1	S8–2	147.53	147.42	2.14%
P8–2	12	CPEP, S	16.85	I8–2	S8–2	147.48	147.22	2.02%
P8–3	18	CPEP, S	41.65	S8–2	S4–4	145.98	145.60	1.01%
P8–4*	18	CPEP, S	31.46	S8–3	S4–4	145.87	145.60	1.02%
P8–5	12	CPEP, S	18.47	I8–3	S8–3	147.58	147.31	2.00%
P8–6	12	CPEP, S	14.83	I8–4	S8–3	147.96	147.76	2.03%
P8–7	18	CPEP, S	86.08	S8–4	S8–3	147.59	145.97	2.00%
P8–8	12	CPEP, S	17.13	I8–5	S8–4	147.75	147.64	0.84%
P8–9	12	CPEP, S	30.35	I8–6	S5–3	148.00	147.47	2.01%

* INSTALL WATERTIGHT PIPE, SEE NOTE 6.





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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC 60 30 0 30 60 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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3940 ARCTIC BLVD. SUITE 300
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STATE OF ALASKA 49 TH — Joseph C. Hegna CE-11770 5/27/24 — REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED B

STORM DRAIN PLAN & PROFILE

FOLKER STREET & BRANTLEY PLACE

SCALE HOR. 1"=30' VER. 1"=3' | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD8 of SD17

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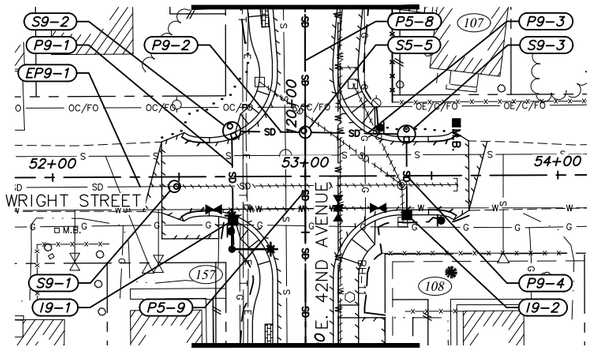
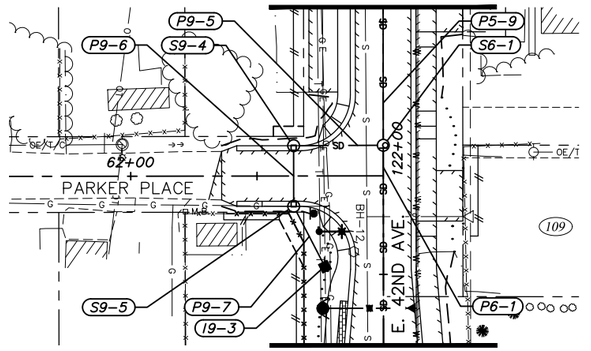




NOTES:

1. *CONNECTING STORM DRAIN STRUCTURES AND PIPES NOT SHOWN OR LABELED IN PROFILE FOR CLARITY.*
2. *REFER TO SHEET SD10 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD10–SD12 FOR STORM DRAIN DETAILS.*
4. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
5. *CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.*

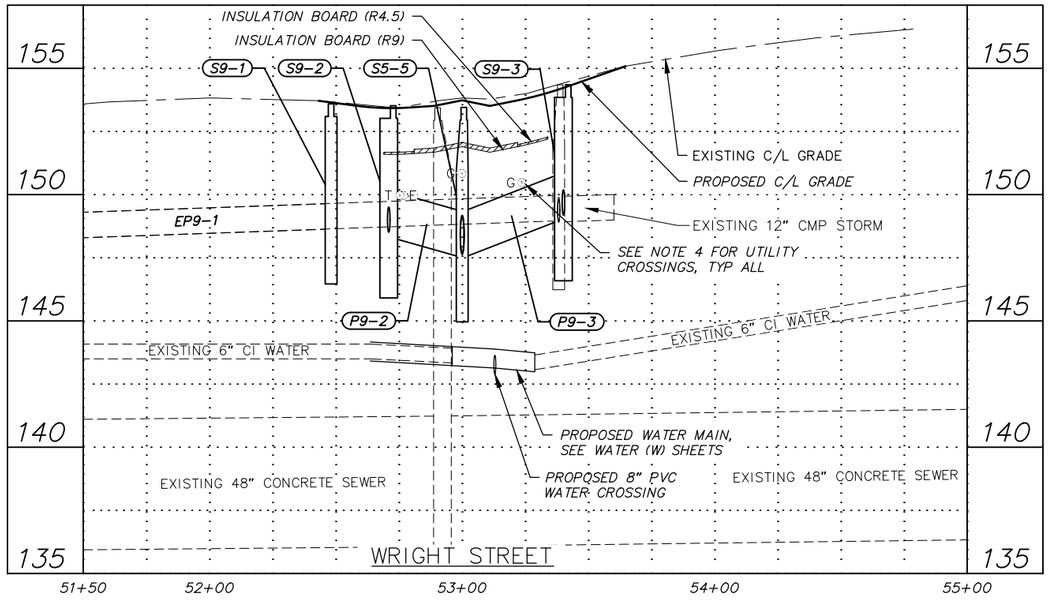
55.04, 55.05 & 55.09 – STORM DRAIN STRUCTURES

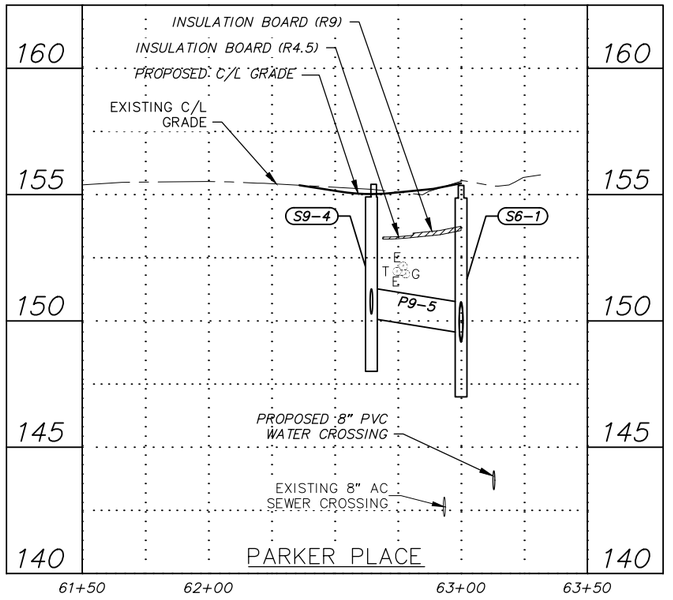
STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S9–1	MH I/CONNECT	MH	52+48.15	3.80' RT	153.54	N/A	CONNECT EXISTING PIPE EP9–1
S9–2	CB MH II	CI	52+70.98	18.13' LT	153.33	1	
I9–1	CB	CI	52+71.30	17.35' RT	153.37	2	
S9–3	CB MH II	CI	53+40.14	16.45' LT	154.36	1	
I9–2	CB	CI	53+40.14	15.50' RT	154.23	1	
S9–4	CB MH I	CI	62+64.50	12.00' LT	155.21	1	
S9–5	CB MH I	CI	69+64.50	12.00' RT	155.21	1	
I9–3	CB	FI	62+76.84	35.91' RT	155.23	N/A	BEEHIVE INLET, SEE DETAIL 3, SHEET SD12

55.02 – STORM DRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
EP9–1	12	CMP	–	S9–1	–	148.6±	–	–
P9–1	12	CPEP, S	35.49	I9–1	S9–2	149.12	148.51	2.00%
P9–2	18	CPEP, S	29.09	S9–2	S5–5	148.41	147.73	2.82%
P9–3*	18	CPEP, S	40.09	S9–3	S5–5	149.09	147.73	3.88%
P9–4	12	CPEP, S	31.95	I9–2	S9–3	149.73	149.19	2.00%
P9–5	12	CPEP, S	35.50	S9–4	S6–1	150.17	149.66	1.62%
P9–6	12	CPEP, S	24.00	S9–5	S9–4	150.67	150.27	2.00%
P9–7	12	CPEP, S	26.91	I9–3	S9–5	151.23	150.77	2.01%

* INSTALL WATERTIGHT PIPE, SEE NOTE 5.





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STORM DRAIN PLAN & PROFILE

WRIGHT STREET & PARKER PLACE

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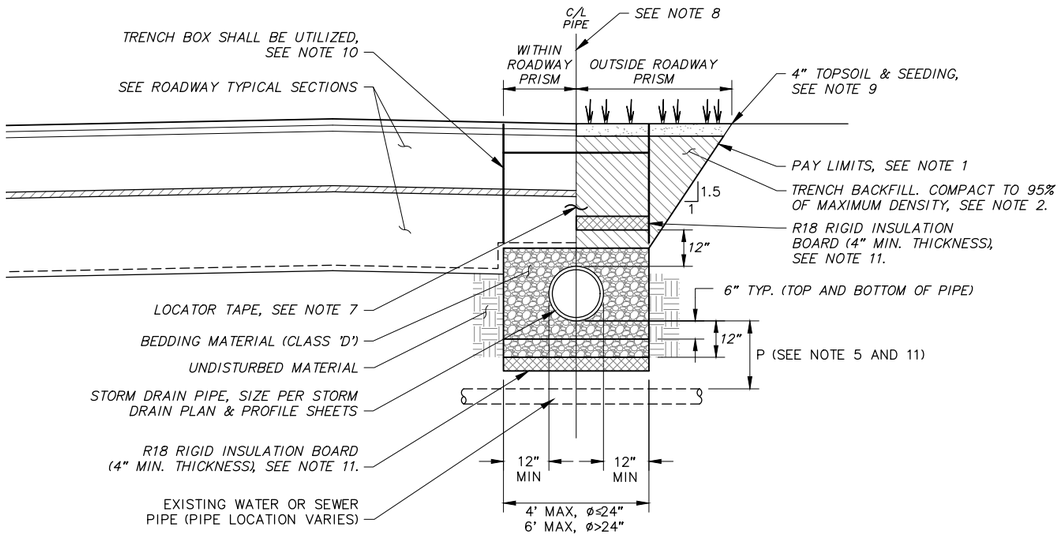
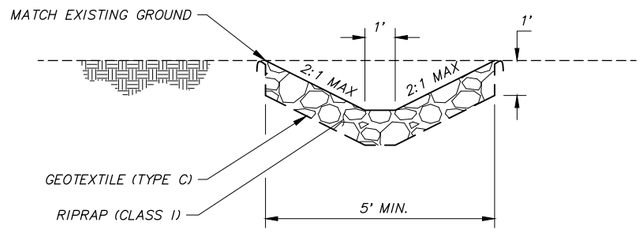
File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Sidestreets–Plan & Profile_Phase 1.dwg



1 TYPICAL STORM DRAIN TRENCH SECTION

SCALE: NTS



OPEN DITCH NOTES:

1. PAYMENT FOR GEOTEXTILE (CLASS C) AND RIPRAP (CLASS I) SHALL BE INCIDENTAL TO PAY ITEM 55.19, CONSTRUCT OPEN DITCH.

2 TYPICAL OPEN DITCH SECTION

SCALE: NTS

STORM DRAIN & SUBDRAIN TRENCH SECTION NOTES:

1. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS. INDICATED TRENCH WALL SLOPES AND DIMENSIONS ARE FOR PAY QUANTITY DETERMINATIONS ONLY.
2. TRENCH BACKFILL SHALL BE NATIVE MATERIAL MEETING TYPE IV CLASSIFICATION (MINIMUM) AS APPROVED BY THE ENGINEER. NATIVE MATERIAL NOT MEETING TYPE IV CLASSIFICATION SHALL BE REMOVED AND REPLACED WITH TYPE II CLASSIFIED MATERIAL.
3. REMOVE AND DISPOSE OF ALL ORGANIC MATERIALS IN ACCORDANCE WITH MASS SECTION 20.13.
4. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, CONTRACTOR SHALL SAW CUT AND REMOVE AN ADDITIONAL 12 INCHES FROM EXISTING PAVEMENT EDGE. THE ENGINEER MAY REQUIRE MORE THAN 12 INCHES ADDITIONAL CUT IF THE EXISTING PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE.
5. WATER LINES CROSSING STORM DRAIN LINES REQUIRE A MINIMUM VERTICAL SEPARATION OF THREE (3) FEET. INSTALL R18 INSULATION BOARD WHEN 'P' IS LESS THAN 3', AS MEASURED FROM OUTSIDE OF PIPES & WITHIN BEDDING LIMITS, OR AS DIRECTED BY ENGINEER IN FIELD. EIGHTEEN (18) INCHES IS THE MINIMUM INSULATED SEPARATION DISTANCE. IF EIGHTEEN (18) INCHES CAN NOT BE OBTAINED, THE WATER LINE WILL HAVE TO BE RELOCATED WHEN DIRECTED BY FIELD ENGINEER.
6. WHERE WATER AND STORM DRAIN MAINS CROSS, STORM DRAIN MAIN JOINTS SHALL BE INSTALLED AT LEAST 9 FEET FROM EXISTING WATER MAIN JOINTS.
7. INSTALL DETECTABLE LOCATOR TAPE THREE (3) FEET BELOW FINISH GRADE OR TWO (2) FEET DEEP IN THE STREET STRUCTURAL SECTION PER MASS SECTION 20.13.
8. LOCATION OF STORM DRAIN VARIES WITHIN ROADWAY AND OUTSIDE OF ROADWAY PRISM. INSTALL STORM DRAIN AS SHOWN ON STORM DRAIN PLAN & PROFILE SHEETS.
9. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
10. TRENCH BOX SHALL BE UTILIZED TO MINIMIZE TRENCH WIDTH AND REDUCE IMPACTS TO ADJACENT PROPERTIES AND RE-VEGETATION. CONTRACTOR SHALL AVOID IMPACTS TO TREE PROTECTION ZONES.
11. INSTALL R18 INSULATION BOARD:
    - ABOVE SD PIPE WHEN COVER IS LESS THAN 4' IN AREAS OUTSIDE OF INSULATED ROADWAY SECTION, INSULATION PLACEMENT SHALL CONFORM TO MASS DETAIL 20-9.
    - BELOW SD PIPE WHEN 'P' IS LESS THAN 3', AS MEASURED FROM OUTSIDE OF PIPES & WITHIN BEDDING LIMITS, OR AS DIRECTED BY ENGINEER IN THE FIELD.

GENERAL STORM DRAIN STRUCTURE & PIPE NOTES:

1. HORIZONTAL AND VERTICAL CONTROL POINTS FOR STORM DRAIN STRUCTURES (REFERENCE POINTS CALLED OUT IN PLAN & PROFILE SHEETS) ARE:

STRUCTURE	HORZ CONTROL	REFERENCE ELEV.
TYPE I MH	CENTER OF MH	FG/TOP OF LID.
TYPE II MH	CENTER OF MH	FG/TOP OF LID.
TYPE II CBMH	CENTER OF MH	TBC @ MID. PT. OF CURB INLET HOOD
CATCH BASIN	CENTER OF CB	TBC @ MID. PT. OF CURB INLET HOOD
CB W/ FIELD INLET	CENTER OF FIELD INLET	FG/TOP OF FRAME
TYPE I CBMH W/FIELD INLET	CENTER OF MH	FG/TOP OF FRAME

2. PIPE LENGTHS ARE BASED ON THE HORIZONTAL DISTANCE BETWEEN THE CENTER OF CONNECTING STRUCTURES OR FITTINGS. PIPE SLOPES ARE CALCULATED USING THE ACTUAL LENGTH OF PIPE FROM THE INSIDE FACE OF STRUCTURES.
3. UNLESS OTHERWISE NOTED ALL STORM DRAIN MAIN PIPE SHALL BE CPEP, TYPE S.
4. THE FOLLOWING ABBREVIATIONS USED ON THE STORM DRAIN STRUCTURE TABLES ON THE PLAN & PROFILES SHEETS ARE DESCRIBED BELOW:
    - CB – CATCH BASIN
    - CB (RED) – REDUCED HEIGHT CATCH BASIN
    - CB MH I – CATCH BASIN MANHOLE, TYPE I
    - CB MH II – CATCH BASIN MANHOLE, TYPE II
    - CB MH II (RED) – REDUCED HEIGHT CATCH BASIN MANHOLE, TYPE II
    - CI – CURB INLET
    - CONNECT – CONNECT TO STORM DRAIN MANHOLE
    - FI – FIELD INLET
    - MH – MANHOLE FRAME AND LID
    - MH I – STORM DRAIN MANHOLE, TYPE I
    - MH I (RED) – REDUCED HEIGHT STORM DRAIN MANHOLE, TYPE I
    - MH II – STORM DRAIN MANHOLE, TYPE II
    - MH III – STORM DRAIN MANHOLE, TYPE III
    - OGS – OIL AND GRIT SEPARATOR

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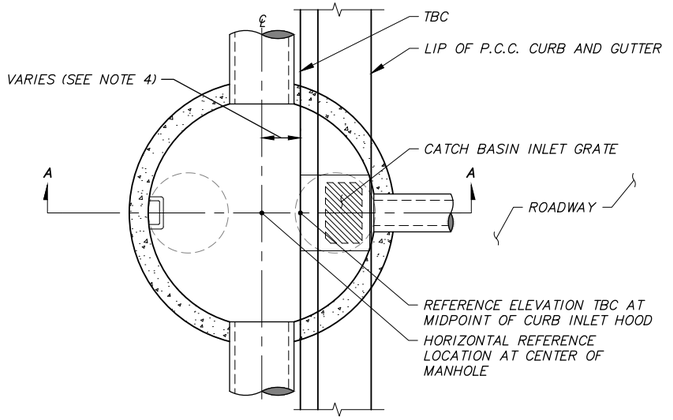
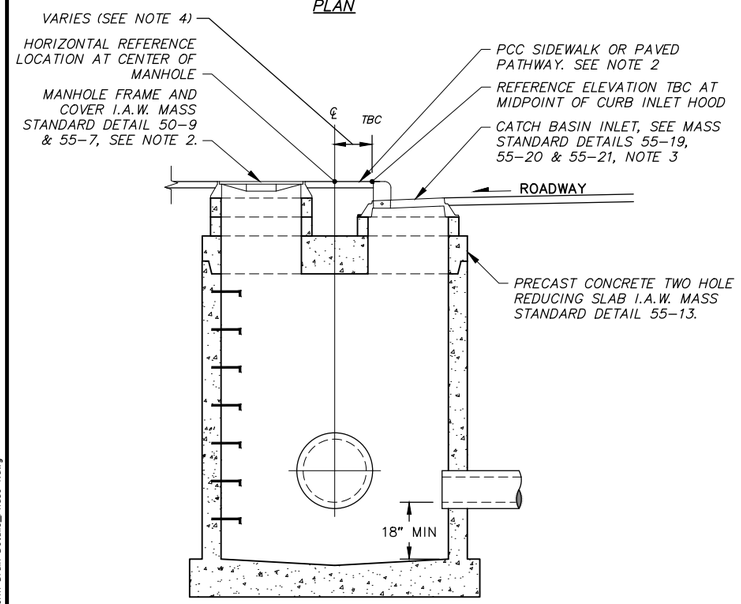


PLAN



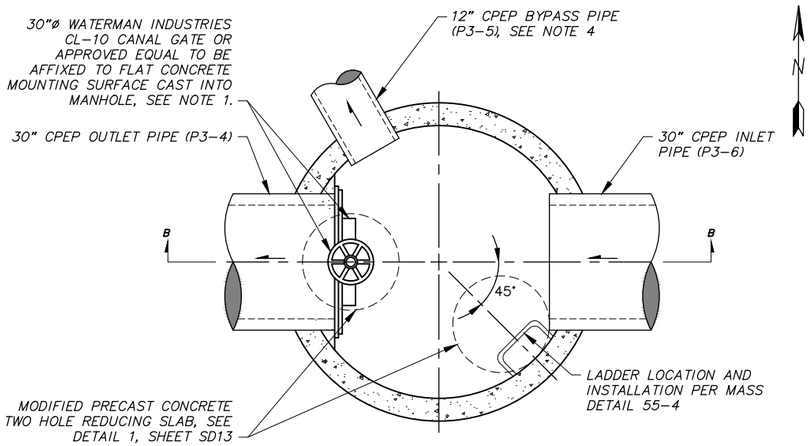
SECTION A–A

TYPE II CATCH BASIN MANHOLE NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2015 MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS AS CURRENTLY AMENDED AND AS MODIFIED ON THIS DETAIL.
2. SET MANHOLE COVER 1/4–INCH BELOW PCC SIDEWALK OR PAVED PATHWAY FINISH GRADE OR PER MASS STANDARD DETAIL 55–10 FOR ALL OTHER LOCATIONS.
3. MH CENTER MAY BE ON ROADWAY SIDE OF CURB LINE IN SOME LOCATIONS. ALIGN CATCH BASIN INLET WITH CURB LINE.
4. OFFSET FOR STANDARD INSTALLATION IS 0.95'.

1 TYPE II CATCH BASIN MANHOLE DETAIL

SCALE: NTS



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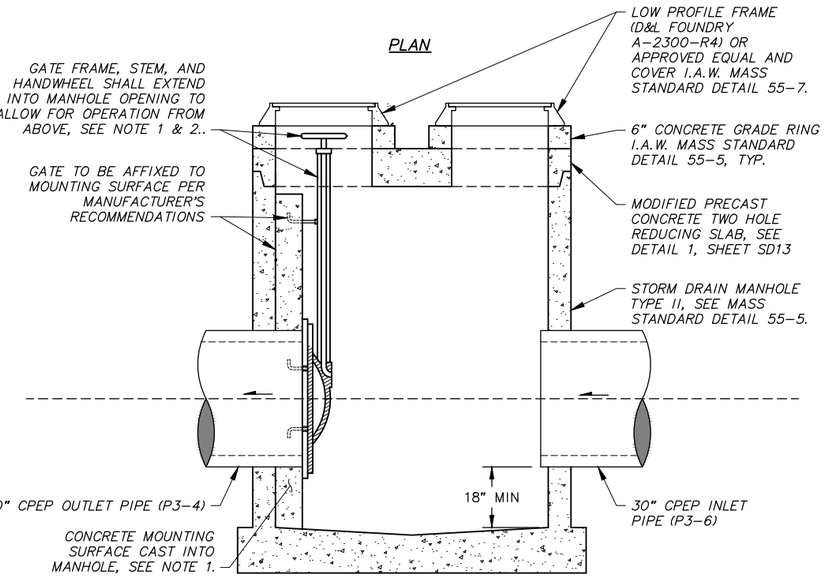


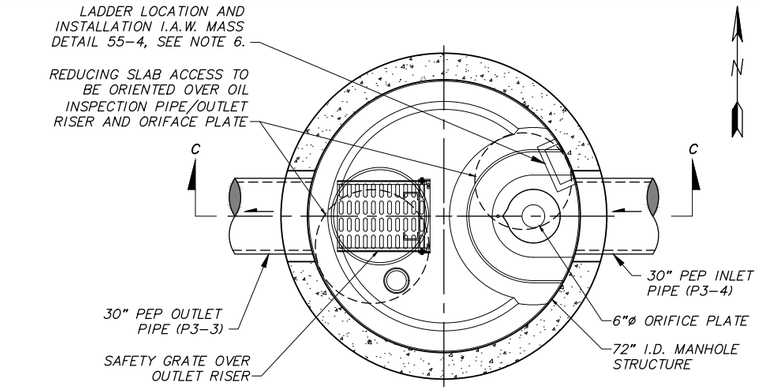
SECTION B–B

BYPASS MANHOLE NOTES

1. CAST CONCRETE MOUNTING SURFACE INTO MANHOLE SUCH THAT BYPASS GATE HANDWHEEL IS CENTERED IN ACCESS OPENING.
2. BYPASS GATE STEM SHALL BE NON–RISING TO POSITION HANDWHEEL AT CONVENIENT STATIC OPERATING ELEVATION FROM MANHOLE OPENING ABOVE.
3. BYPASS MANHOLE (STRUCTURE S3–2) SHALL BE PAID FOR UNDER PAY ITEM 55.05 CONSTRUCT (TYPE II) BYPASS MANHOLE.
4. BYPASS PIPE (P3–5) NOT SHOWN IN SECTION B–B FOR CLARITY.

2 BYPASS MANHOLE (S3-2) DETAIL

SCALE: NTS



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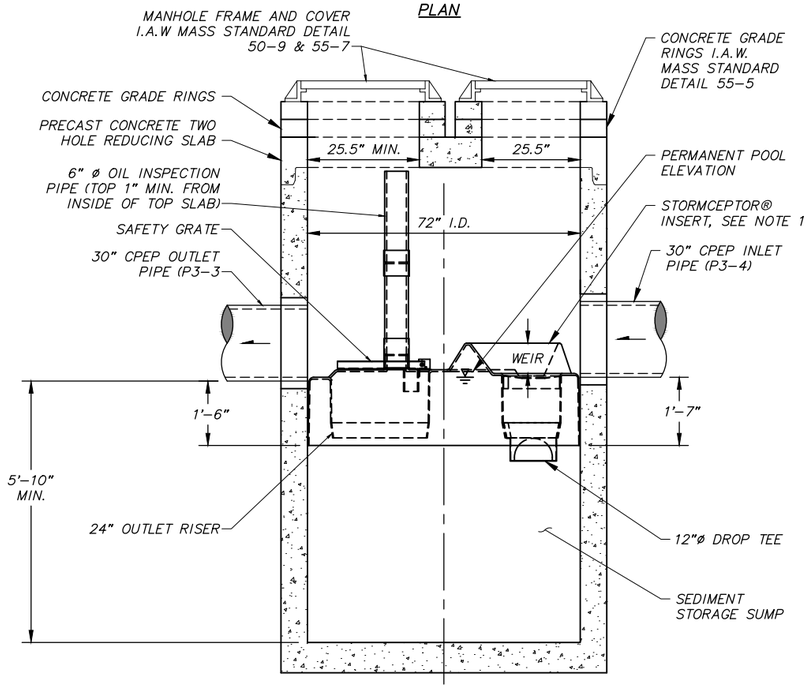

SECTION C–C

OIL & GRIT SEPARATOR NOTES

1. OIL AND GRIT SEPARATOR (STRUCTURE OGS3–1) SHALL BE STORMCEPTOR MODEL STC1200 MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS LLC OR APPROVED EQUAL.
2. THE ACCESS OPENINGS SHOULD BE POSITIONED OVER THE ORIFICE PLATE AND OIL INSPECTION PIPE.
3. LADDER RUNGS NOT SHOWN IN SECTION VIEW FOR CLARITY.

3 OIL AND GRIT SEPARATOR (OGS3-1) DETAIL

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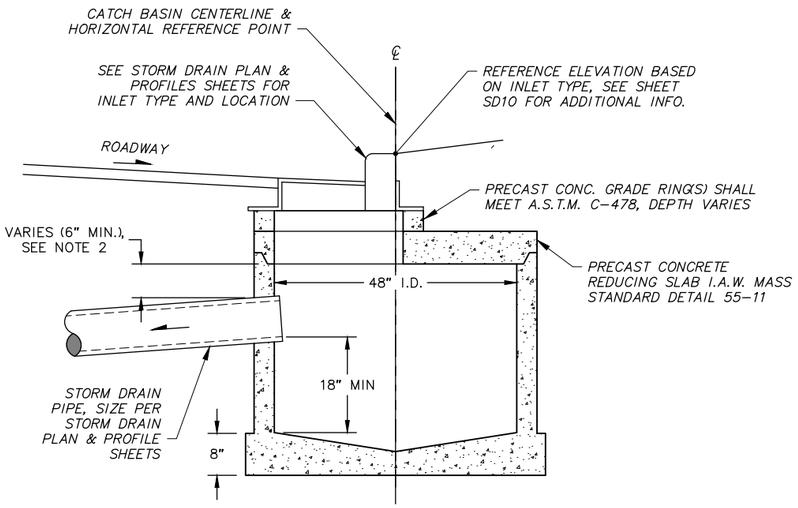
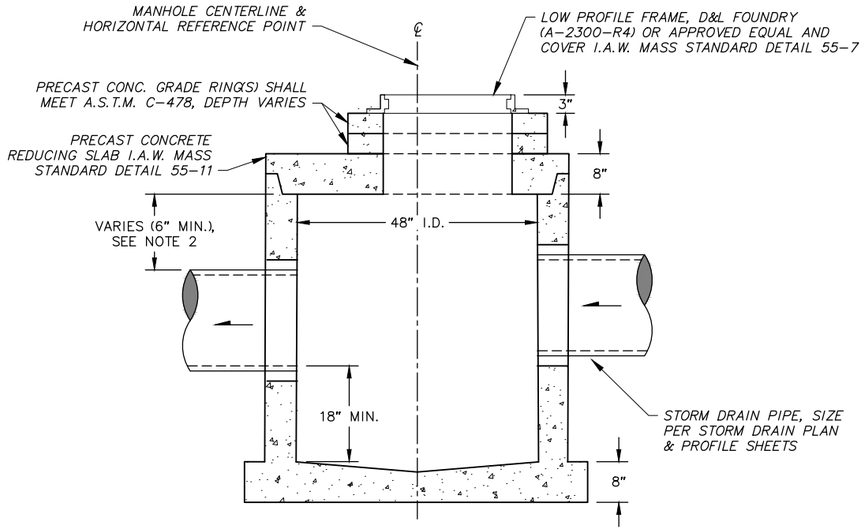
SCALE HOR. NTS VER. NTS | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD11 of SD17

File: I:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Details_Phase 1.dwg



1 **REDUCED HEIGHT CATCH BASIN**

SCALE: NTS

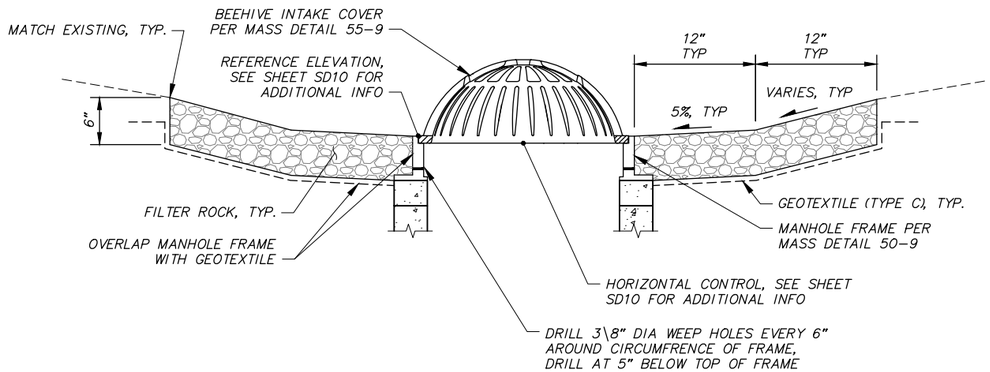


2 **REDUCED HEIGHT (TYPE I) MANHOLE/CATCH BASIN**

SCALE: NTS

REDUCED HEIGHT STRUCTURE NOTES

1. *ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2015 MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (MASS) AS CURRENTLY AMENDED AND AS MODIFIED ON THESE DETAILS.*
2. *BASE SECTION HEIGHT BETWEEN TOP OF PIPE AND REDUCING SLAB SHALL BE REDUCED AS NECESSARY TO FACILITATE THE CONSTRUCTION OF THE STORM DRAIN AS SHOWN ON THE PLAN AND PROFILE SHEETS.*
3. *REDUCED HEIGHT CATCH BASIN SHALL BE PAID FOR UNDER PAY ITEM 55.09, CONSTRUCT CATCH BASIN.*
4. *REDUCED HEIGHT MANHOLE AND CATCH BASIN MANHOLE SHALL BE PAID FOR UNDER PAY ITEM 55.05, CONSTRUCT (TYPE I) MANHOLE & CONSTRUCT (TYPE I) MANHOLE/CATCH BASIN MANHOLE.*

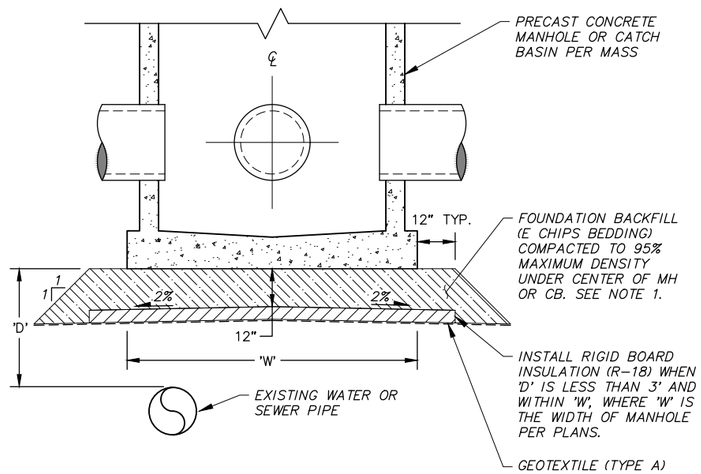


FIELD INLET NOTES

1. *DRAIN ROCK AND GEOTEXTILE SHALL BE INCIDENTAL TO PAY ITEM 55.09 (CONSTRUCT CATCH BASIN).*

3 **FIELD INLET DETAIL**

SCALE: NTS



FOUNDATION BACKFILL & STORM DRAIN STRUCTURE INSULATION NOTES

1. *INSTALL FOUNDATION BACKFILL (E CHIPS BEDDING) AS DIRECTED BY ENGINEER OR WHERE INSULATION IS REQUIRED. PAYMENT FOR GEOTEXTILE SHALL BE INCIDENTAL TO PAY ITEM 20.19 FOUNDATION BACKFILL (E CHIPS BEDDING).*

4 **FOUNDATION BACKFILL & STORM DRAIN STRUCTURE INSULATION DETAIL**

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
@ECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH — Joseph C. Hegna CE-11770 5/27/24 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

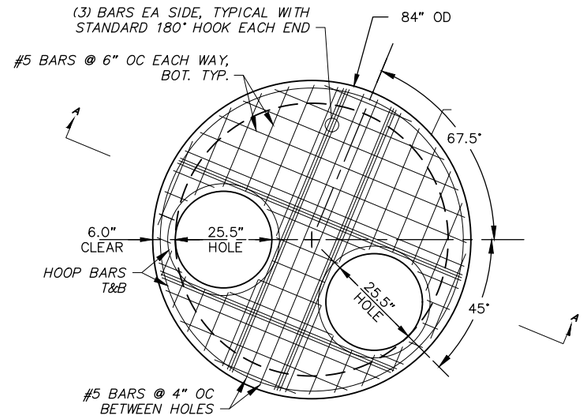
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED B

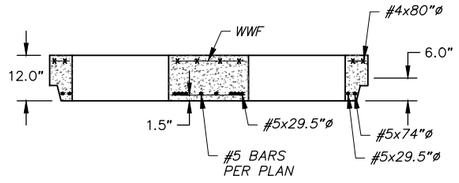
STORM DRAIN DETAILS

SCALE HOR. NTS VER. NTS | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD12 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Details_Phase 1.dwg



PLAN



SECTION A–A

REDUCING SLAB NOTES

1. CONCRETE MINIMUM DESIGN STRENGTH OF 4,000 PSI.

1 MODIFIED PRECAST CONCRETE TWO HOLE REDUCING SLAB DETAIL

SCALE: NTS

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Details_Phase 1.dwg

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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

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ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED B

STORM DRAIN DETAILS

SCALE HOR. NTS VER. NTS | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD13 of SD17

20.26 – INSULATION BOARD (R–18) – PIPE CROSSINGS & STORM DRAIN INSULATION

SHEET	BEGIN STATION	END STATION	OFFSET	WIDTH (FT)	LENGTH (FT)	AREA (SF)	COMMENTS
SD1	304+79	–	CL	4	8	32	SEWER SERVICE (PARCEL 100)
SD2	100+16	–	24.88' LT	4	8	32	SEWER MAIN
	102+62	–	0.91' LT	4	8	32	SEWER SERVICE (PARCEL 101)
	102+74	–	15.50' RT	8	8	64	CBMH OVER SEWER MAIN – SEE DETAIL 4, SHEET SD12
	103+84	–	CL	4	8	32	SEWER SERVICE (PARCELS 174 & 175)
SD3	104+72	–	CL	4	8	32	SEWER SERVICE (PARCEL 102)
	106+18	–	CL	4	8	32	WATER SERVICE (PARCEL 167)
	106+73	–	CL	4	8	32	WATER SERVICE (PARCEL 178)
SD4	109+60	–	CL	4	8	32	SEWER SERVICE (PARCEL 104)
	113+59	–	CL	4	8	32	SEWER MAIN

INSULATION BOARD NOTES

1. *INSULATION BOARD SHALL BE INSTALLED I.A.W. TYPICAL STORM DRAIN SECTION (DETAIL 1, SHEET SD10) AND MASS DETAIL 20–9.*

RECORD DRAWING

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
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MUNICIPALITY OF ANCHORAGE

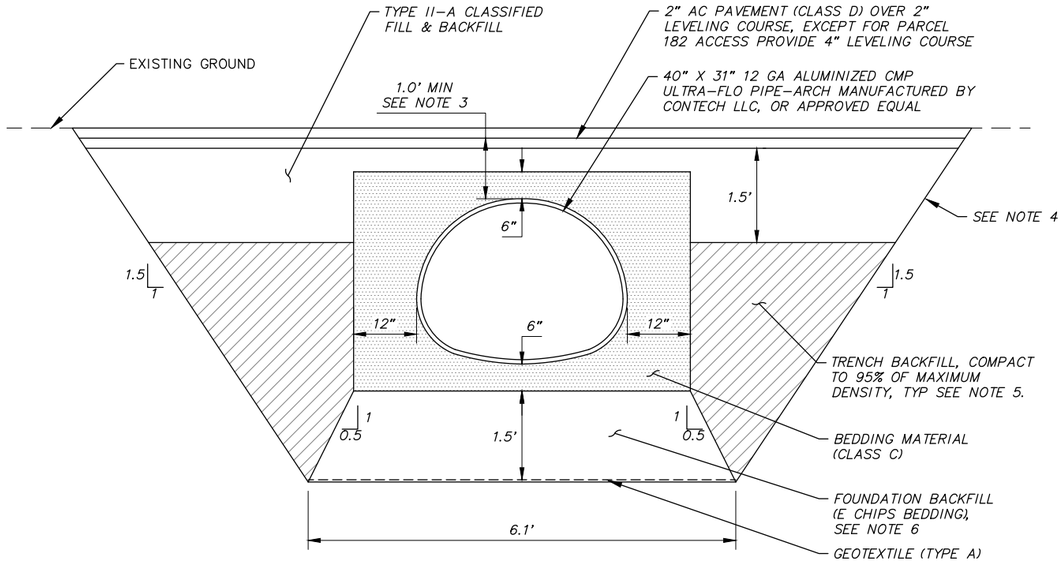
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 | 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET | SCHED B

STORM DRAIN SUMMARY TABLES

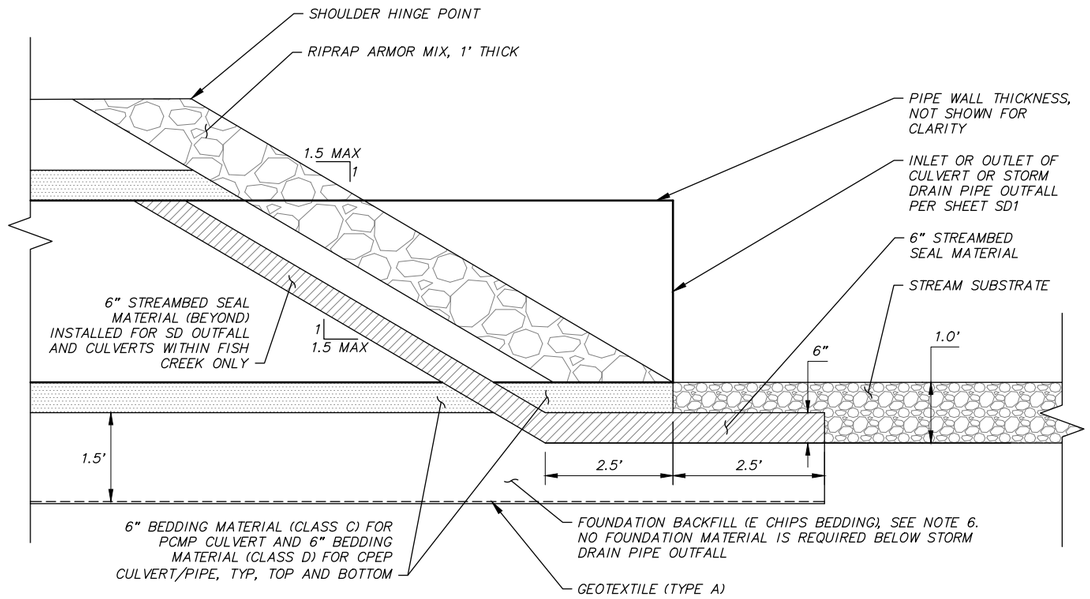
SCALE HOR. NTS VER. NTS | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD14 of SD17

File: J:\Jobsdata\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Storm Drain Details_Phase 1.dwg



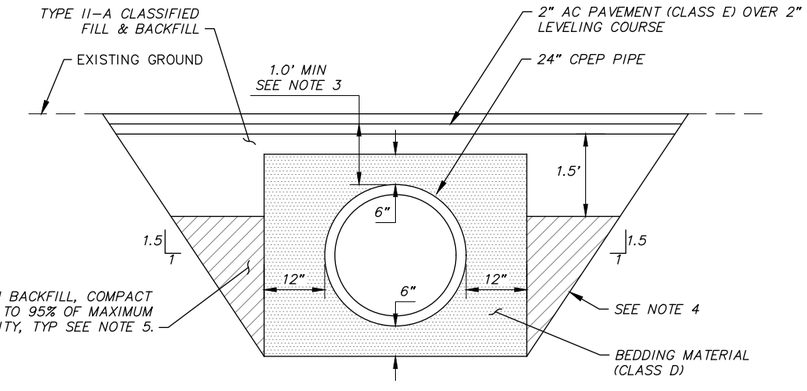
1 TYPICAL CULVERT TRENCH SECTION BEYOND ENDS FOR PIPE-ARCH

NTS



3 CULVERT INLET/OUTLET AND STORM DRAIN PIPE OUTFALL DETAIL - SIDE VIEW

NTS

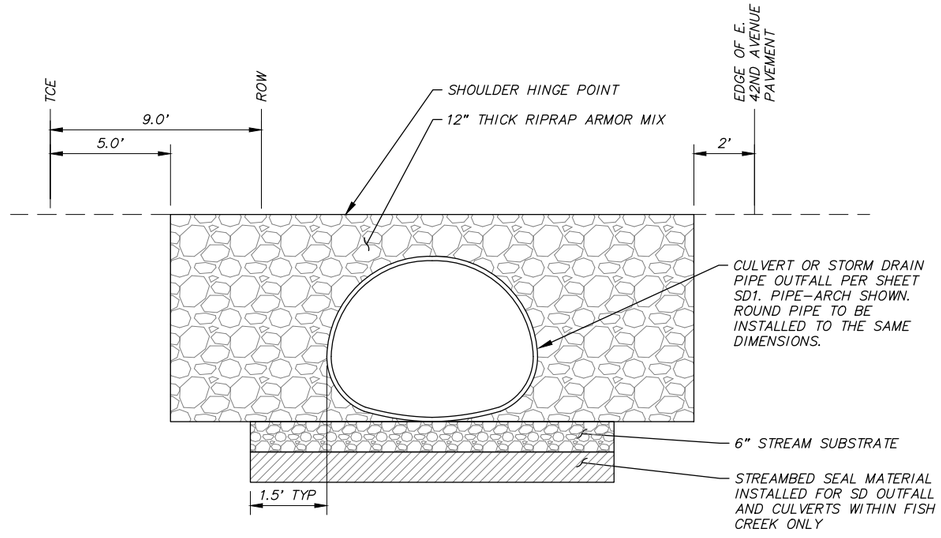


2 TYPICAL CULVERT TRENCH SECTION BEYOND ENDS FOR CIRCULAR PIPE

NTS

TYPICAL CULVERT TRENCH SECTION NOTES:

1. SEE SHEET SD1 FOR CULVERT PLAN & PROFILE.
2. COMPACT BEDDING MATERIAL AROUND CULVERT EVENLY ON ALL SIDES IN 6" LIFTS.
3. PROVIDE MINIMUM COVER PER MANUFACTURERS RECOMMENDATIONS PRIOR TO DRIVING EQUIPMENT OVER CULVERTS.
4. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS. INDICATED TRENCH WALL SLOPES AND DIMENSIONS ARE FOR PAY QUANTITY DETERMINATIONS ONLY.
5. TRENCH BACKFILL SHALL BE NATIVE MATERIAL MEETING TYPE IV CLASSIFICATION (MINIMUM) AS APPROVED BY THE ENGINEER. NATIVE MATERIAL NOT MEETING TYPE IV CLASSIFICATION SHALL BE REMOVED AND REPLACED WITH TYPE II CLASSIFIED MATERIAL WHEN DIRECTED IN WRITING BY THE ENGINEER.
6. FOUNDATION BACKFILL (E CHIPS BEDDING) SHALL NOT BE INSTALLED BENEATH CULVERT C1-4. DO NOT INSTALL BEDDING WHERE PROPOSED INSULATION BOARD IS REQUIRED BENEATH CULVERT C1-4 PER SHEET SD1.



4 CULVERT INLET/OUTLET AND STORM DRAIN OUTFALL DETAIL - END VIEW

NTS

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PLAN CHECK

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TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — LAKE OTIS PARKWAY TO PIPER STREET — SCHED B

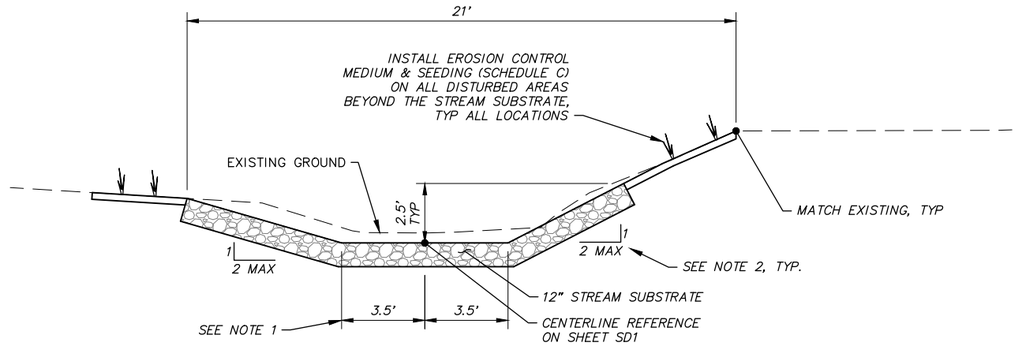
CULVERT DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD15 of SD17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Ditch Details.dwg

CREEK RECONSTRUCTION TYPICAL SECTION NOTES:

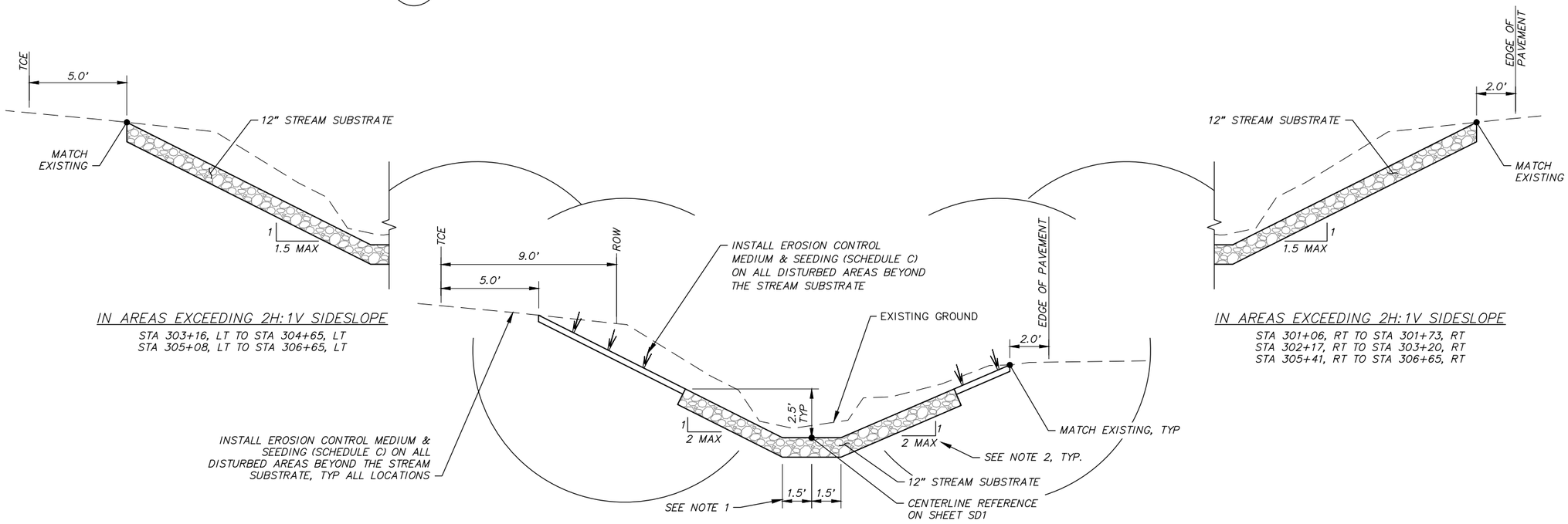
1. TRANSITION TO CULVERT OR STORM DRAIN PIPE WIDTH AT CULVERT INLET/OUTLET AND STORM DRAIN OUTFALL OVER 5 FEET.
2. FLATTEN GRADE TO LESS THAN 2H:1V IN ALL LOCATIONS WHERE FEASIBLE.



CREEK RECONSTRUCTION TYPICAL SECTION STATION 300+10 TO STATION 300+92

1

NTS



CREEK RECONSTRUCTION TYPICAL SECTION STATION 300+92 TO STATION 306+65

2

NTS

RECORD DRAWING

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PLAN CHECK

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TELEPHONE	TS	AR
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CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 197, 198
& 201
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

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BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
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BASIS OF THIS DATUM GAAB 1972 ADJUST

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18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED B

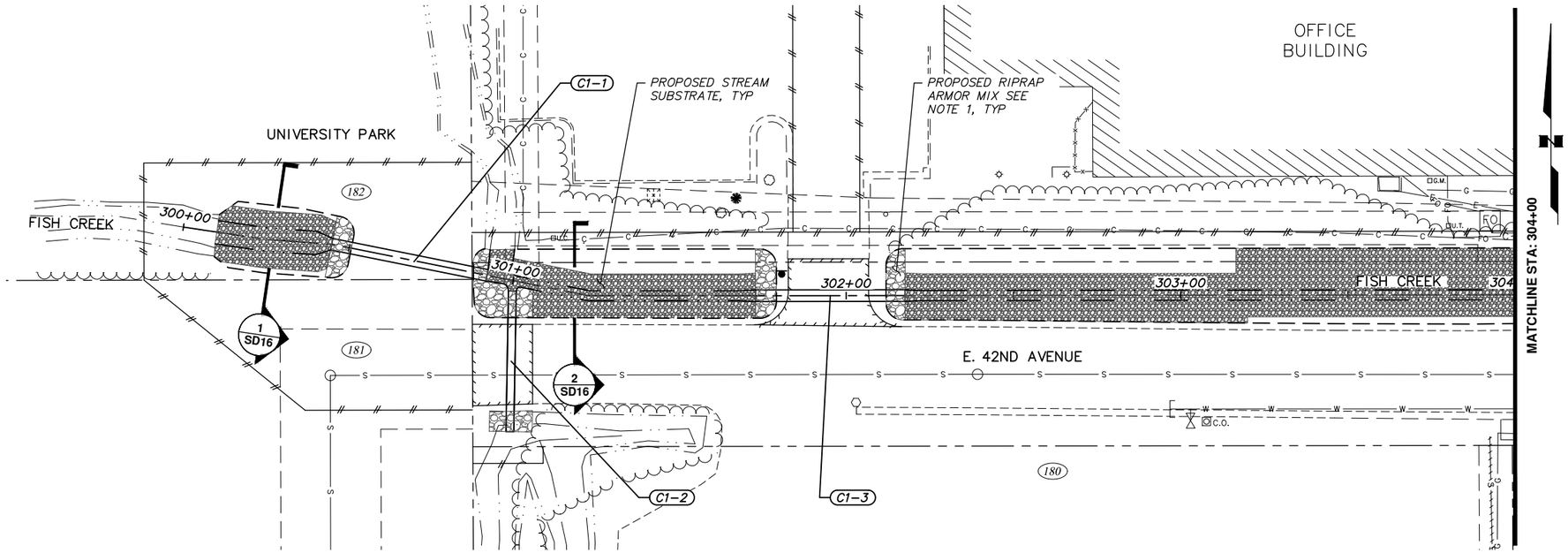
CREEK DETAILS

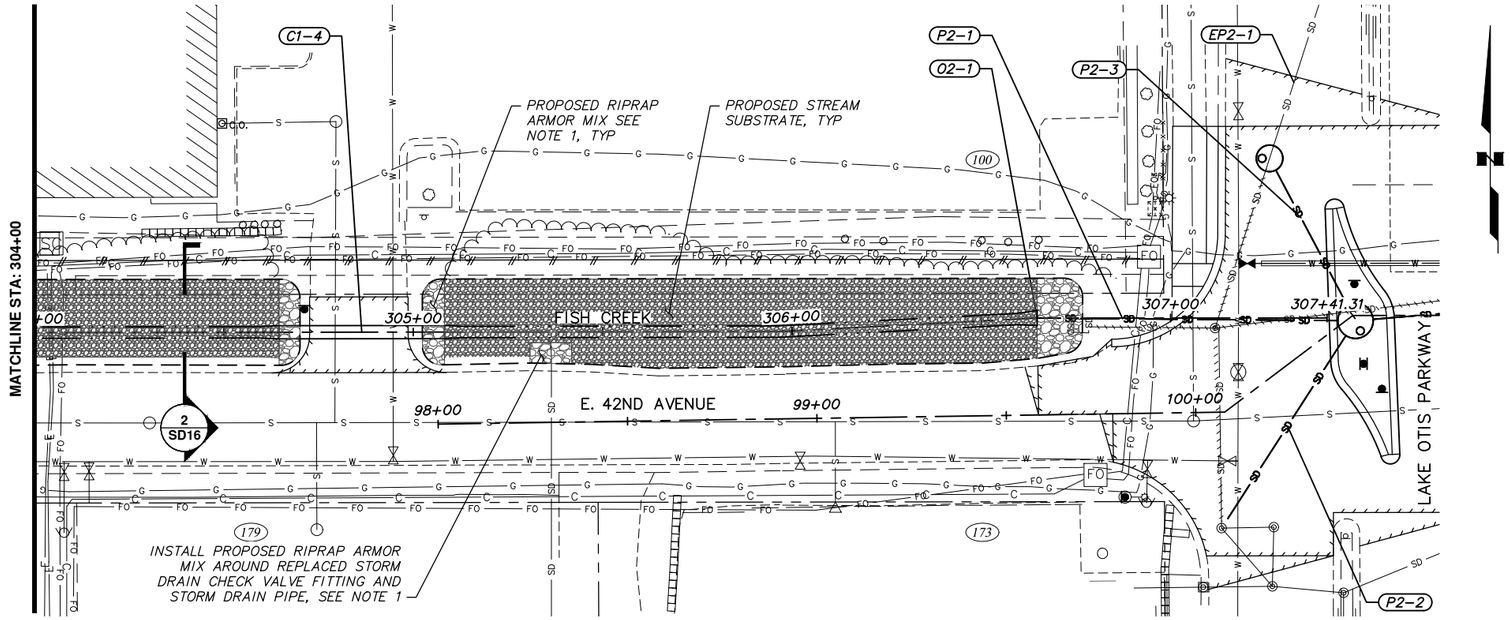
SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD16 of SD17

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Ditch Details.dwg

NOTES:

1. VERIFY RIPRAP ARMOR MIX LAYOUT IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION.
2. SEE SHEET SD1 FOR CULVERT PIPE INFORMATION.
3. REFER TO SHEET SD15–SD16 FOR CULVERT & CREEK DETAILS.





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DESIGN	RB	JK
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GRAPHIC 40 20 0 20 40 SCALE

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

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BASIS OF THIS DATUM GAAB 1972 ADJUST

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SEAL

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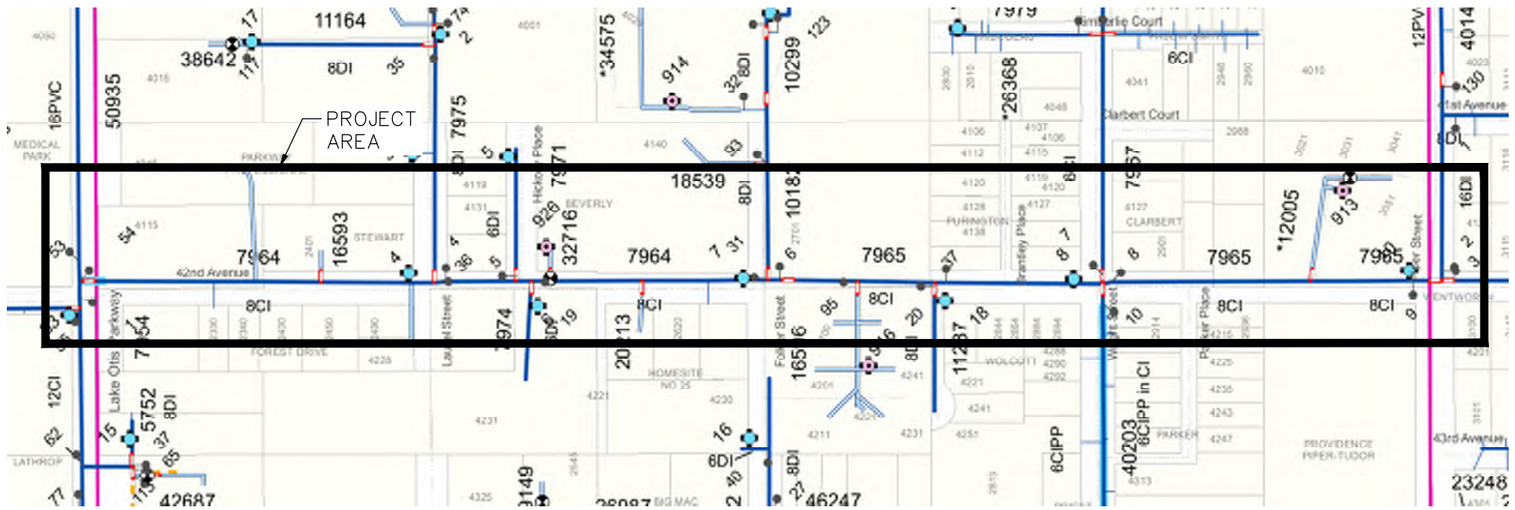
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED B
LAKE OTIS PARKWAY TO PIPER STREET

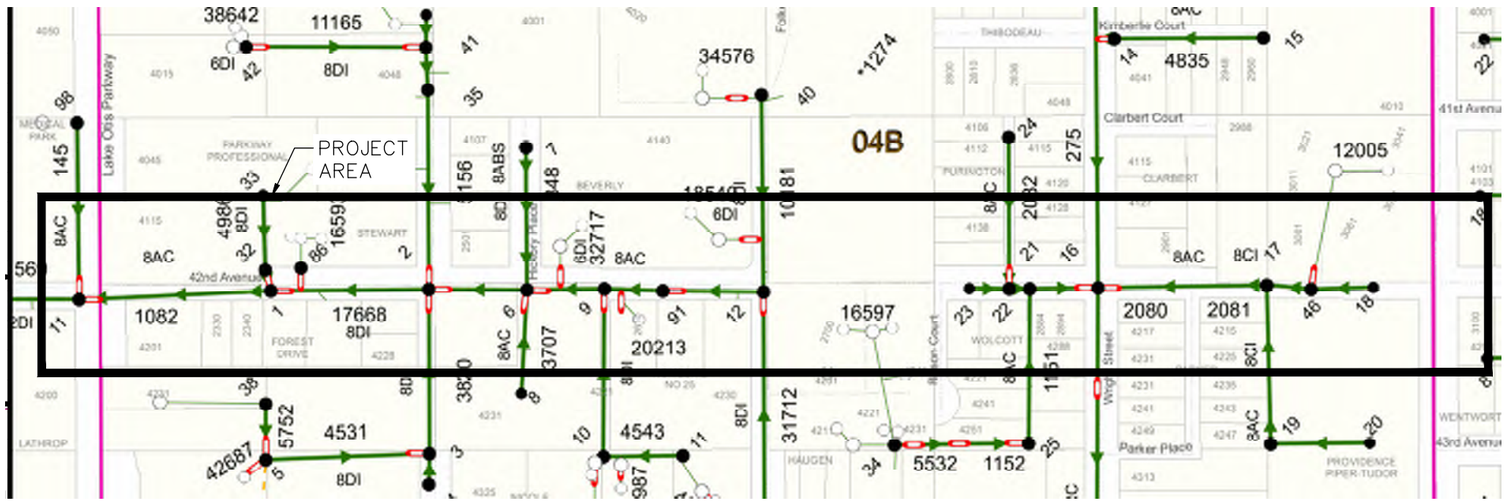
CREEK RECONSTRUCTION PLAN

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET SD17 of SD17

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\10142.00 Creek Regrading_Phase 1.dwg



WATER KEY MAP
SW1733, SW1734, SW1735
N.T.S



SEWER KEY MAP
SW1733, SW1734, SW1735
N.T.S

WATER NOTES

1. AWWU, ANCHORAGE FIRE DEPARTMENT, AND WATER CUSTOMERS SHALL BE NOTIFIED FOR ALL WATER SERVICE INTERRUPTIONS AND BE PROVIDED TEMPORARY WATER SERVICE IN ACCORDANCE WITH MASS, IF THE OUTAGE EXCEEDS 6–HOURS UNLESS OTHERWISE SPECIFIED. REFER TO PROJECT SPECIAL PROVISIONS FOR ADDITIONAL WATER SERVICE INTERRUPTION REQUIREMENTS AND NOTIFICATIONS TO CUSTOMERS. THE CONTRACTOR SHALL PREPARE AND SUBMIT A TEMPORARY WATER SERVICE PLAN FOR REVIEW AND APPROVAL BY ADEC, IF REVISED FROM WHAT IS SHOWN IN THE DRAWINGS.
2. ALL PVC PIPE, FITTINGS, AND VALVES SHALL BE RESTRAINED.
3. ALL WATER MAINS SHALL BE A MINIMUM OF 8" DIAMETER PVC DR18, AS SHOWN IN THE PLANS, CONFORMING TO THE REQUIREMENTS OF AWWA C900.
4. WATER SERVICE PIPE TYPE AND SIZES ARE SPECIFIED IN THE PLANS. ALL PVC WATER SERVICES SHALL BE DR18, CONFORMING TO THE REQUIREMENTS OF AWWA C900.
5. TRANSITION COUPLING BETWEEN NEW WATER PIPE AND EXISTING PIPE SHALL BE LONG SOLID SLEEVE COUPLERS.
6. THE CONTRACTOR SHALL PROVIDE ALL SETUP AND TEAR DOWN REQUIRED TO OPEN BORE FLUSH NEWLY INSTALLED WATER PIPE. AWWU WILL PROVIDE FLUSH WATER FROM THE AWWU WATER DISTRIBUTION SYSTEM. THE CONTRACTOR MUST REQUEST WATER AT LEAST 48 HOURS PRIOR TO OPEN BORE FLUSHING. OPEN BORE FLUSHING MUST TAKE PLACE PRIOR TO INSTALLATION OF WATER SERVICES.
7. ALL WATER MAINS, HYDRANT LEGS, AND SERVICE PIPE BEDDING SHALL BE "E CHIPS" WRAPPED IN GEOTEXTILE (TYPE A) FABRIC AND ALL BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY.
8. ALL WATER MAINS, HYDRANT LEGS, AND SERVICES SHALL HAVE A MINIMUM OF 10 FEET OF BURY AT ALL POINTS.
9. PVC PIPE SHALL NOT BE BENT, FLEXED OR DEFLECTED AT PIPE TO PIPE JOINTS WITHOUT THE USE OF DEFLECTION COUPLERS. DEFLECTION MAY NOT EXCEED 80% OF THE MANUFACTURERS RECOMMENDED LIMITS IN FITTINGS, VALVES AND DEFLECTION COUPLERS.
10. ALL WATER MAIN STATIONING IS PIPE CENTERLINE STATIONING.
11. PROVIDE A TRACER WIRE AND WARNING TAPE ON ALL PVC WATER LINES AS SHOWN IN THESE PLANS AND AS SPECIFIED IN THE SPECIAL PROVISIONS. PROVIDE WARNING TAPE ON ALL COPPER WATER LINES AT THE LOCATIONS SHOWN IN THE DRAWINGS AND AS SPECIFIED IN THE SPECIAL PROVISIONS.
12. INSTALL ANODES AT ALL FITTINGS, VALVES, WATER SERVICES, TRANSITION COUPLERS AND HYDRANTS PER MASS STANDARD DETAILS UNLESS OTHERWISE SHOWN ON THE PLANS.

AWWU PLAN SET NO. 11044

PLOT DATE: 3/27/2024 8:29 AM
PLOT SCALE:
ACAD FILE: K:\Jobs\Data\W0142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\W0142.00 Key Map Notes.dwg

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DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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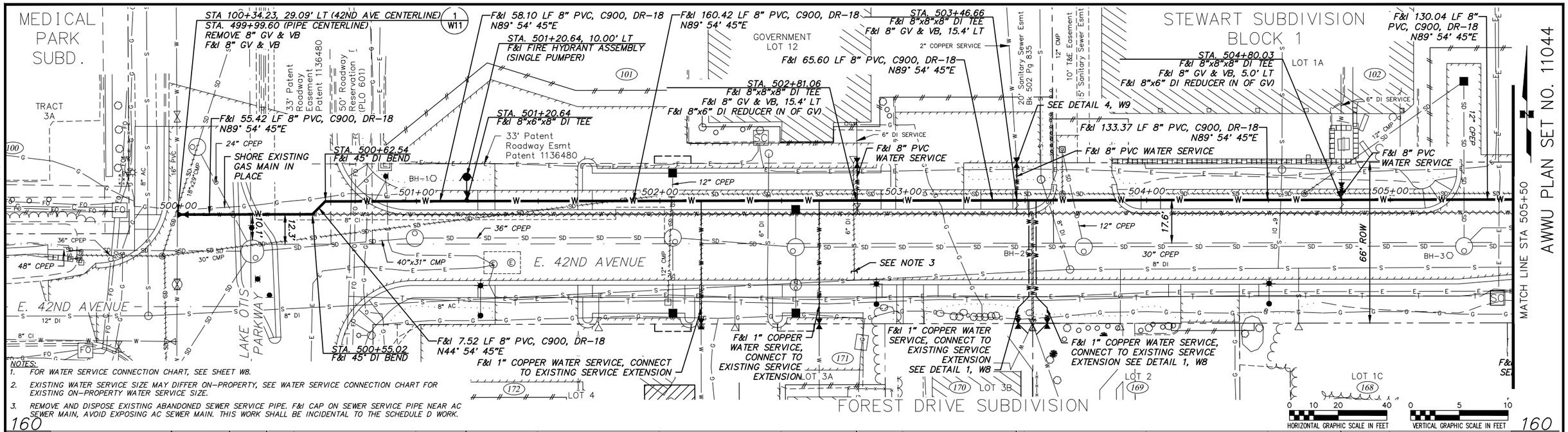
ANCHORAGE WATER & WASTEWATER UTILITY — MUNICIPALITY OF ANCHORAGE

MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

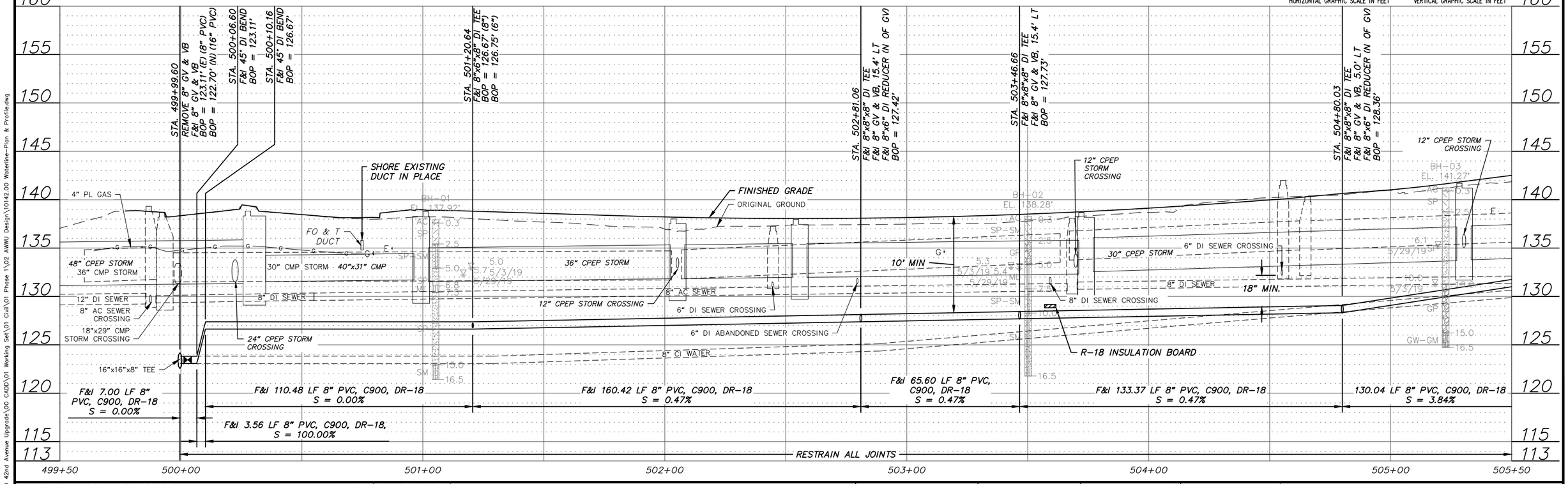
KEY MAPS & WATER NOTES

HORZ SCALE: N/A | VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35 | PROJ. ID.: WW00058 | SHEET W1 of W19



NOTES:

1. FOR WATER SERVICE CONNECTION CHART, SEE SHEET W8.
2. EXISTING WATER SERVICE SIZE MAY DIFFER ON-PROPERTY, SEE WATER SERVICE CONNECTION CHART FOR EXISTING ON-PROPERTY WATER SERVICE SIZE.
3. REMOVE AND DISPOSE EXISTING ABANDONED SEWER SERVICE PIPE. F&I CAP ON SEWER SERVICE PIPE NEAR AC SEWER MAIN, AVOID EXPOSING AC SEWER MAIN. THIS WORK SHALL BE INCIDENTAL TO THE SCHEDULE D WORK.



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FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

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PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER MAIN PLAN & PROFILE
BOP - STA 505+50

HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W2 of W19

PLOT DATE: 3/27/2024 8:30 AM
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ACAD FILE: J:\Jobs\Data\V0142.00 42nd Avenue Upgrade\V00 CADD\V01 Working Set\V01 Civil\V01 Phase 1\02 AWWU Design\10142.00 Waterline-Plan & Profile.dwg

AWWU PLAN SET NO. 11044

STEWART SUBDIVISION
BLOCK 1
LOT 1
LOT 1B
FOREST DRIVE SUBDIVISION
BEVERLY SUBDIVISION
BLOCK 1
LOT 7
BEVERLY SUBDIVISION
BLOCK 2
LOT 1A
LOT 1
HICKORY PLACE
LAUREL STREET
E. 42ND AVENUE
PTN LOT 26
PTN LOT 26
WILDWOOD CORNER CONDOMINIUMS
HOMESITE #25 SUBDIVISION
MATCH LINE STA 505+50
MATCH LINE STA 511+50
66' ROW
66' ROW
17.6'
11.5'
20' Water Easement Bk 50 Pg 794
33' Roadway Easement Bk 79 Pg 267
3' Roadway Reserve Patent Bk 279 Pg 145
102
103
104
164
165
166
167

F&I 90.54 LF 8" PVC, C900, DR-18 N89° 54' 45"E
30" CPEP STORM
F&I 17.60 LF 8" PVC, C900, DR-18 N00° 09' 56"W
STA. 506+10.07, 7.00' LT
F&I FIRE HYDRANT ASSEMBLY (SINGLE PUMPER)
STA. 506+10.07
F&I 8"x6"x8" DI TEE
STA. 507+00.61
F&I 8"x8"x8" DI TEE
F&I 8" GV & VB (N) (E) (W)
12" CPEP STORM
BH-4
STA. 508+44.99
F&I 45° DI BEND
F&I 144.38 LF 8" PVC, C900, DR-18 N89° 55' 19"E
24" CPEP STORM
F&I 8.65 LF 8" PVC, C900, DR-18 S45° 06' 05"E
STA. 508+53.64
F&I 45° DI BEND
F&I 11.38 LF 8" PVC, C900, DR-18 N89° 55' 19"E
F&I 24.31 LF 8" PVC, C900, DR-18 N89° 55' 19"E
F&I 18.32 LF 8" PVC, C900, DR-18 N00° 05' 28"W
STA. 508+65.02
F&I 8"x8"x8" DI TEE
F&I 8" GV & VB (N) (E) (W)
18" CPEP STORM
F&I 41.25 LF 8" PVC, C900, DR-18 N89° 55' 19"E
F&I 37.92 LF 8" PVC, C900, DR-18 S00° 05' 17"E
STA. 508+94.83, 37.92' RT
F&I FIRE HYDRANT ASSEMBLY (SINGLE PUMPER)
F&I 14.00 LF 8" PVC, C900, DR-18 S01° 45' 30"W
STA. 508+89.33
F&I 8"x8"x8" DI TEE
F&I 8" GV & VB (E) (W) (S)
F&I 8" PVC WATER SERVICE
STA. 509+30.58
F&I 8"x8"x8" DI TEE
F&I 8" GV & VB, 5.0' LT
EXISTING SEWER SERVICE, SEE SHEET RW1
F&I 381.15 LF 8" PVC, C900, DR-18 N89° 55' 19"E
SHORE EXISTING GAS MAIN IN PLACE
F&I 1" COPPER WATER SERVICE, CONNECT TO EXISTING SERVICE EXTENSION
F&I 1" COPPER WATER SERVICE, CONNECT TO EXISTING SERVICE EXTENSION
F&I 1.5" COPPER WATER SERVICE, CONNECT TO EXISTING SERVICE EXTENSION

NOTES:
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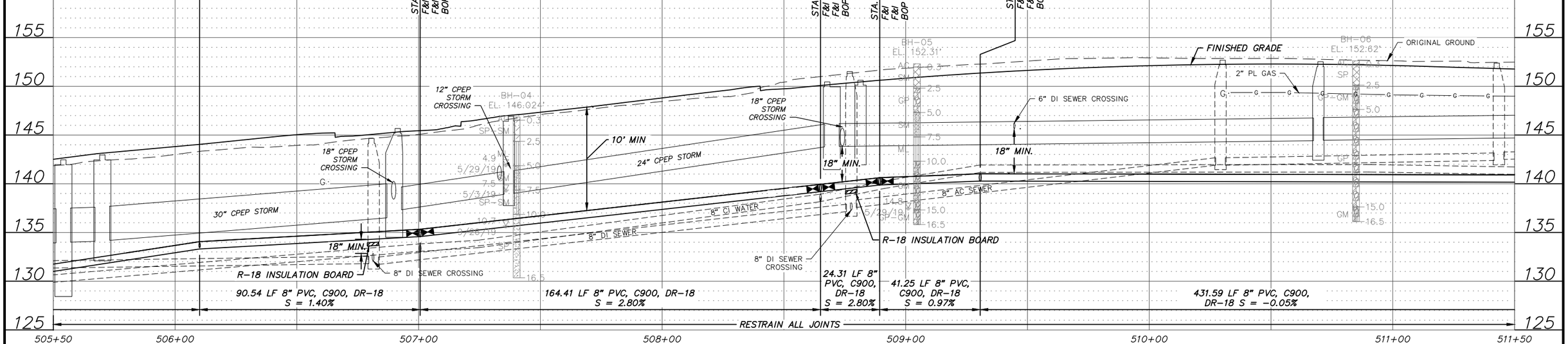

0 10 20 40 HORIZONTAL GRAPHIC SCALE IN FEET
0 5 10 VERTICAL GRAPHIC SCALE IN FEET

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PROFILE	---	---	CABLE TV	---	---
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STORM SEWER	---	---	DESIGN	---	---
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PLAN CHECK

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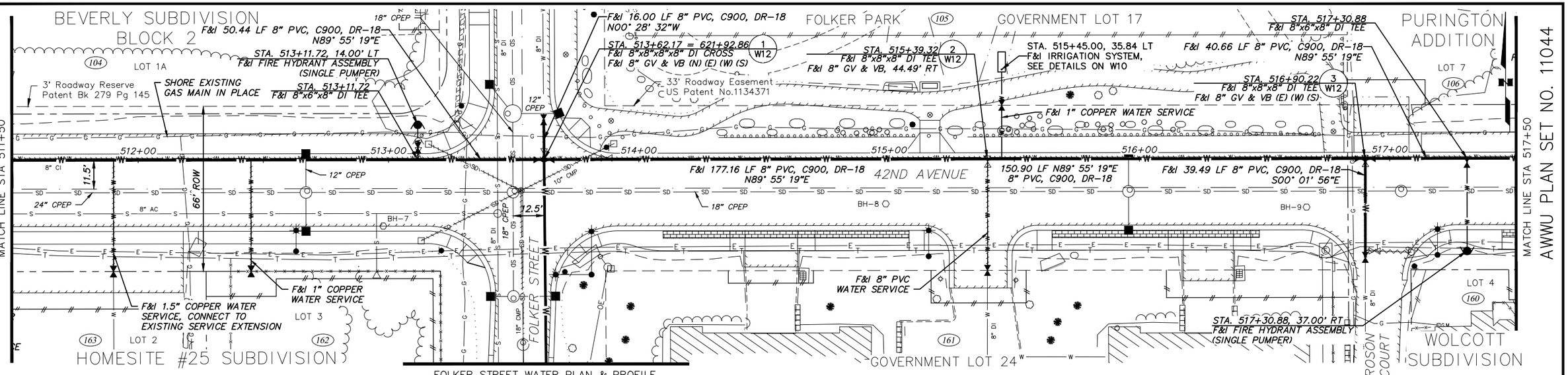
42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER MAIN PLAN & PROFILE STA 505+50 - STA 511+50

HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W3 of W19



FOLKER STREET WATER PLAN & PROFILE,
SEE SHEET W7

NOTES:
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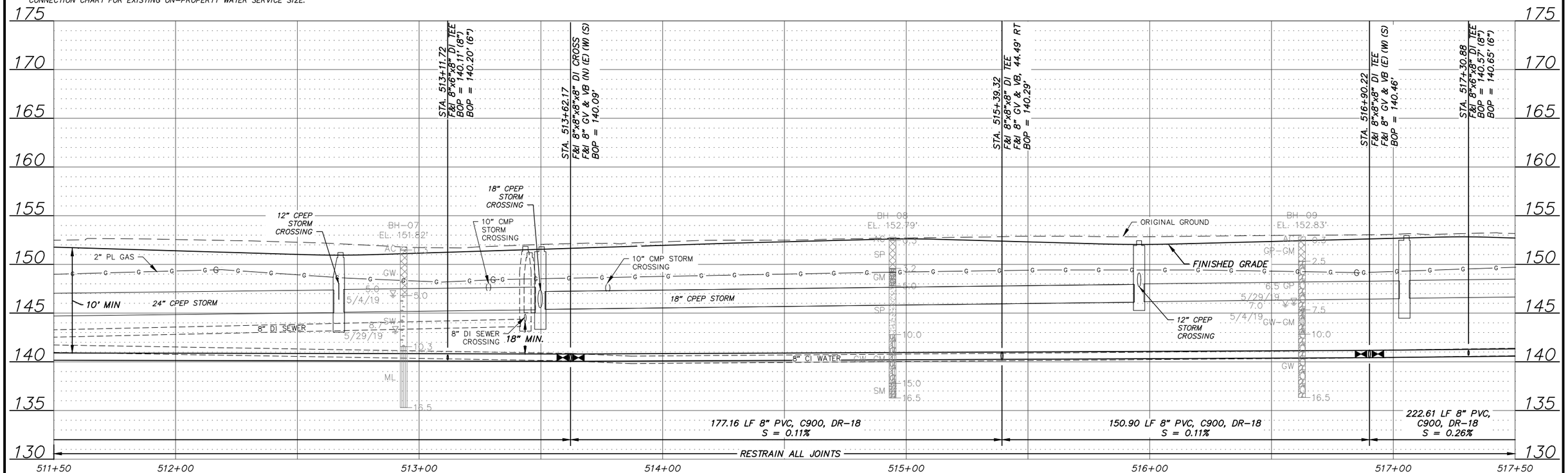

0 10 20 40 HORIZONTAL GRAPHIC SCALE IN FEET
0 5 10 VERTICAL GRAPHIC SCALE IN FEET

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TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER MAIN PLAN & PROFILE
STA 511+50 - STA 517+50

HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W4 of W19

PLOT DATE: 3/27/2024 8:30 AM
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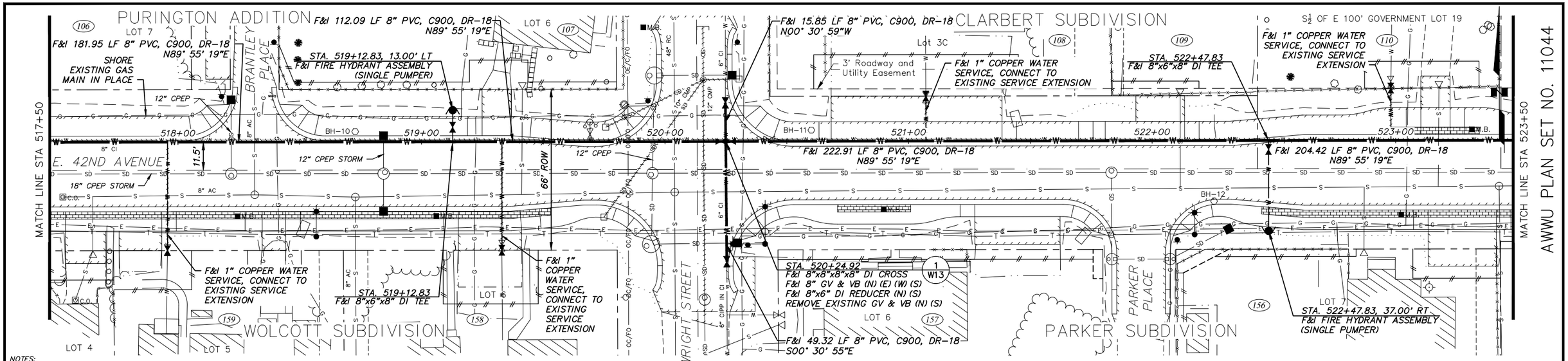

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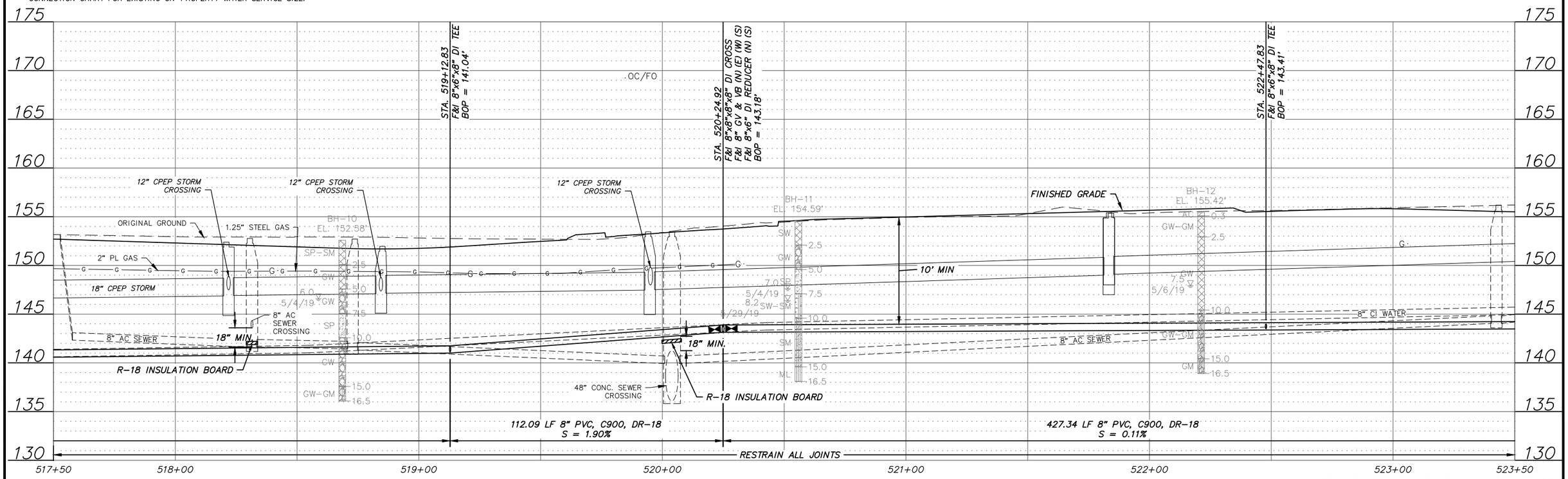

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER MAIN PLAN & PROFILE
STA 517+50 - STA 523+50

HORZ SCALE: 1" = 20' | VERT SCALE: 1" = 5' | DATE: MARCH 2024 | GRID: SW1733-35 | PROJ. ID.: WW00058 | SHEET W5 of W19

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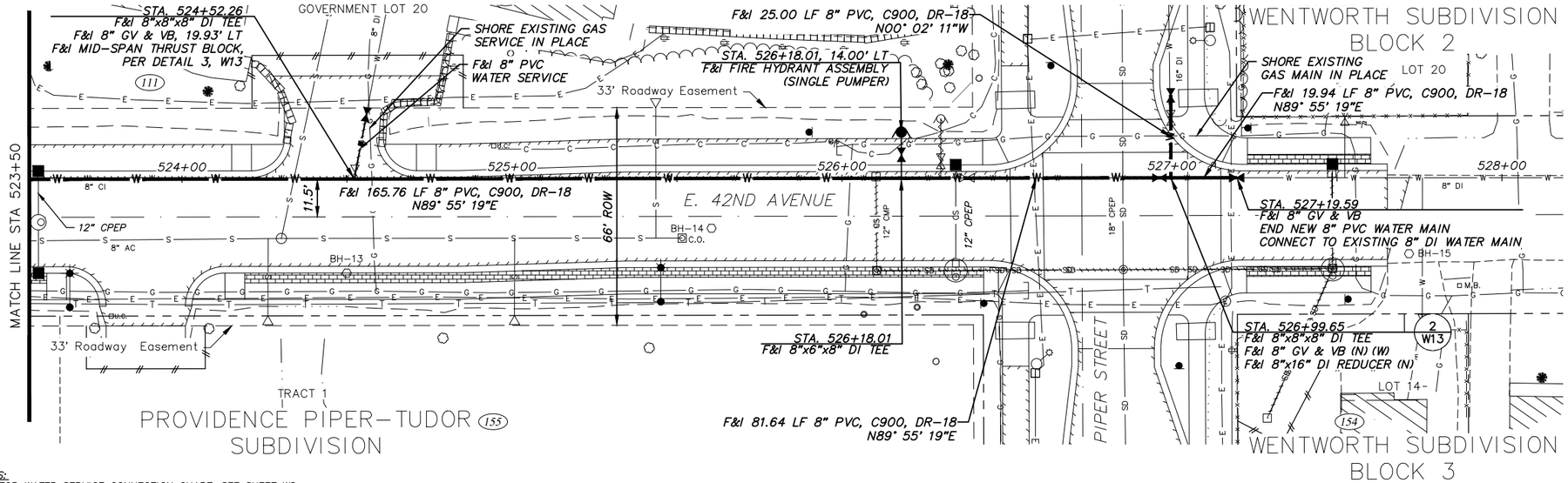

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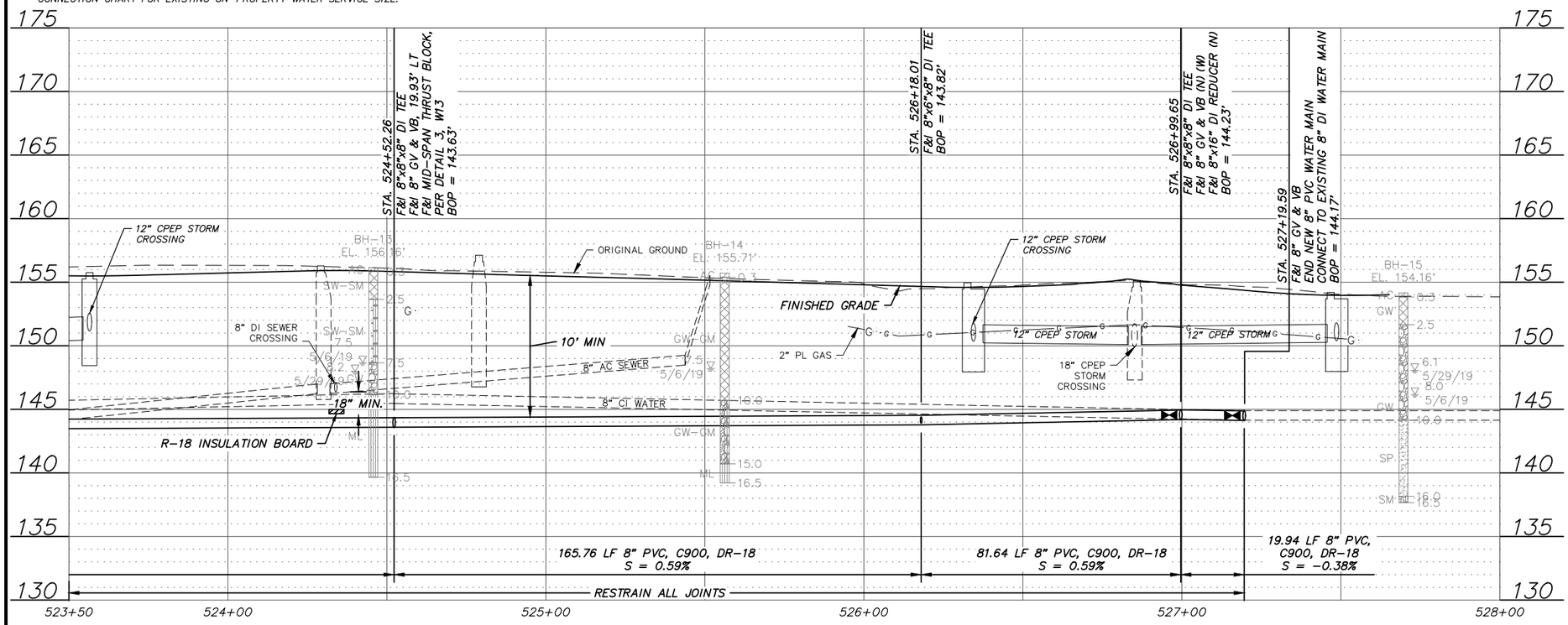

0 10 20 40 HORIZONTAL GRAPHIC SCALE IN FEET
0 5 10 VERTICAL GRAPHIC SCALE IN FEET

AWWU PLAN SET NO. 11044

PLOT DATE: 3/27/2024 8:31 AM
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SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

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Micah K. Schoming
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03/27/24
REGISTERED PROFESSIONAL ENGINEER
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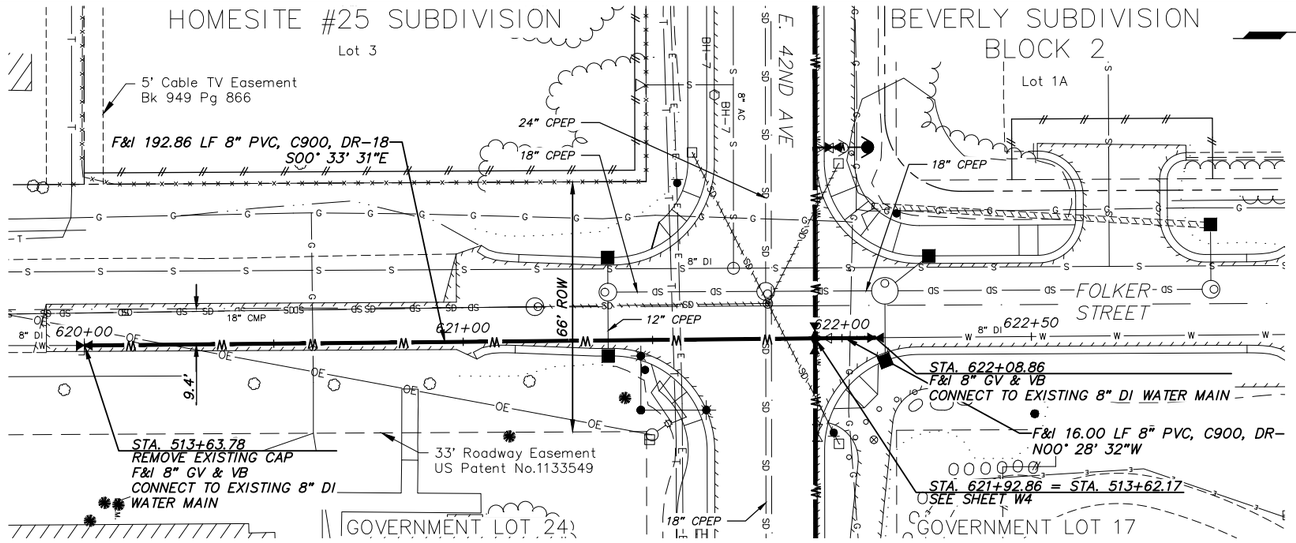
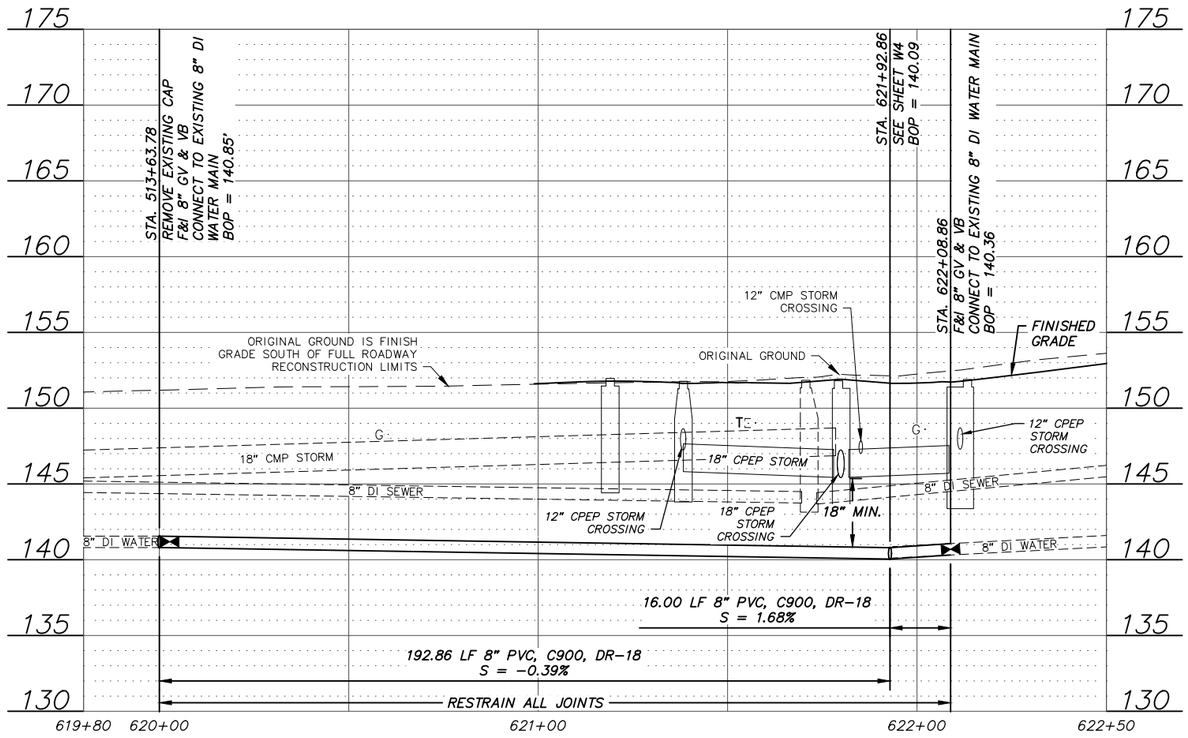
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER MAIN PLAN & PROFILE
STA 523+50 - EOP

HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W6 of W19





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PLOT DATE: 3/27/2024 8:31 AM

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FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

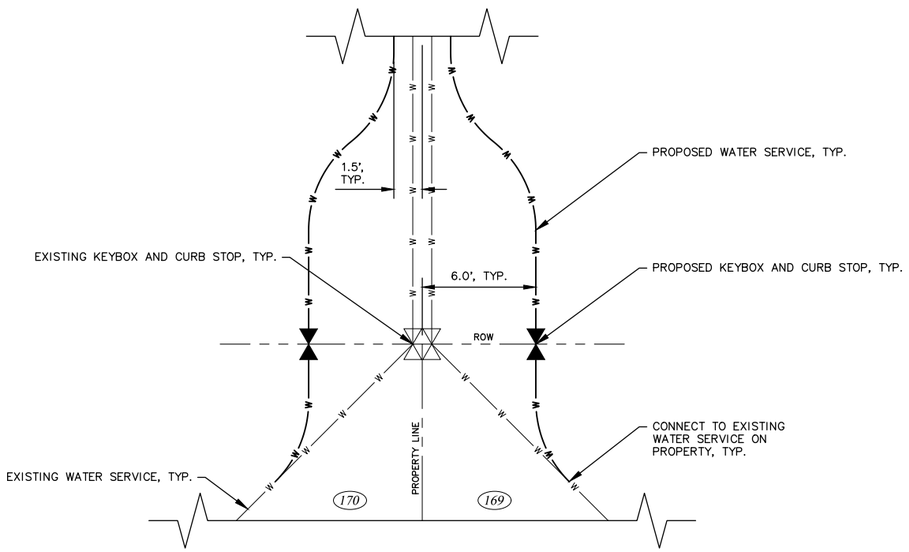
WATER MAIN PLAN & PROFILE - FOLKER STREET

HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W7 of W19

WATER SERVICE CONNECTION CHART

SHEET ID	PARCEL ID	LEGAL DESCRIPTION	EXISTING WATER SERVICE SIZE, IN	PROPOSED WATER SERVICE SIZE, IN (2)	PROPOSED WATER SERVICE PIPE TYPE	WATER MAIN STA	WATER SERVICE OFFSET DIRECTION FROM MAIN	WATER MAIN STA @ PROPERTY LINE	DISTANCE FROM MAIN TO PROPERTY LINE, FT	DISTANCE FROM MAIN TO PROPERTY LINE, FT (1)	OFFSET FROM NEAREST PROPERTY LINE, FT	OFFSET FROM NEAREST PROPERTY LINE, FT (1)	DEPTH OF SERVICE @ MAIN, FT (1)	DEPTH OF SERVICE @ PROPERTY LINE, FT (1)
W2	172	FOREST DRIVE LOT 4	1	1	TYPE K COPPER	502+16.96	RT	502+16.89	50.6		15.5			
W2	171 (3)	FOREST DRIVE LOT 3A	3/4	1	TYPE K COPPER	502+65.43	RT	502+65.36	50.6		27.0			
W2	101	T13N R3W SEC 28 LOT 12	6	8	PVC	502+81.06	LT	502.81.02	15.4		80.5			
W2	174	PARKWAY PROFESSIONAL LOT 1	2	8	PVC	503+46.66	LT	503+46.54	15.4		15.0			
W2	170	FOREST DRIVE LOT 3B	1	1	TYPE K COPPER	503+51.53	RT	503+47.03	50.6		6.0			
W2	169	FOREST DRIVE LOT 2	1	1	TYPE K COPPER	503+54.53	RT	503+59.03	50.6		6.0			
W2	102	STEWART LOT 1A LAUREL PARK BUILDING	6	8	PVC	504+80.03	LT	504+80.03	5 (4)		118.5			
W3	167 (3)	FOREST DRIVE LOT 1B	3/4	1	TYPE K COPPER	506+00.31	RT	506+00.24	50.6		52.2			
W3	178	FOREST DRIVE LOT 1A	1	1	TYPE K COPPER	506+54.65	RT	506+54.58	50.6		4.3			
W3	104	BEVERLY BLK 2 LOT 1A	8	8	PVC	509+30.58	LT	509+30.57	21.5		25.1			
W3	164	T13N R3W SEC 28 HMST #25 LOT 1 OF 25	1.5	1.5	TYPE K COPPER	511+09.23	RT	511+09.16	44.5		24.5			
W4	163	T13N R3W SEC 28 HMST #25 LOT 2 OF 25	1.5	1.5	TYPE K COPPER	511+90.15	RT	511+90.08	44.5		37.0			
W4	162	T13N R3W SEC 28 HMST #25 LOT 3 OF 25	N/A	1 (5)	TYPE K COPPER	512+45.15	RT	512+45.08	44.5		18.0			
W4	161	T13N R3W SEC 28 LT 24 COLLEGE PLACE	8	8	PVC	515+39.32	RT	515+39.24	44.5		144.2			
W4	105	T13N R3W SEC 28 LOT 17 42ND & FOLKER PARK	N/A	1 (5)	TYPE K COPPER	515+45.00	LT	515+45.00	21.5		138.2			
W5	159 (3)	WOLCOTT LOT 5	3/4	1	TYPE K COPPER	517+95.72	RT	517.95.65	44.5		22.2			
W5	158	WOLCOTT LOT 6	1	1	TYPE K COPPER	519+33.01	RT	519+32.94	44.5		47.4			
W5	108	CLARBERT LOT 3C	1	1	TYPE K COPPER	521+07.15	LT	521+07.11	18.5		64.0			
W5	110 (3)	T13N R3W SEC 28 LOT 19 S2 E100'	3/4	1	TYPE K COPPER	522+98.06	LT	522+98.02	21.5		45.3			
W6	111	T13N R3W SEC 28 LOT 20 COUNTRY SQUARE PHASE 1	8	8	PVC	524+52.26	LT	524+55.89	19.5 (4)		113.0			

(1) TO BE COMPLETED AS PART OF RECORD DRAWING.
(2) CONNECT ALL NEW WATER SERVICE PIPES TO EXISTING WATER SERVICE EXTENSIONS.
(3) FURNISH AND INSTALL TRANSITION COUPLER FROM 1" TO 3/4".
(4) PROPOSED WATER SERVICE ONLY EXTENDS TO PROPOSED GV & VB SOUTH OF PROPERTY LINE.
(5) NO EXISTING WATER SERVICE ON PROPERTY.



1 / W8 WATER SERVICE CONNECTION PARCEL 169 & 170
N.T.S.

AWWU PLAN SET NO. 11044

PLOT DATE: 3/27/2024 8:31 AM
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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

WATER SERVICE CONNECTION TABLE

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VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W8 of W19

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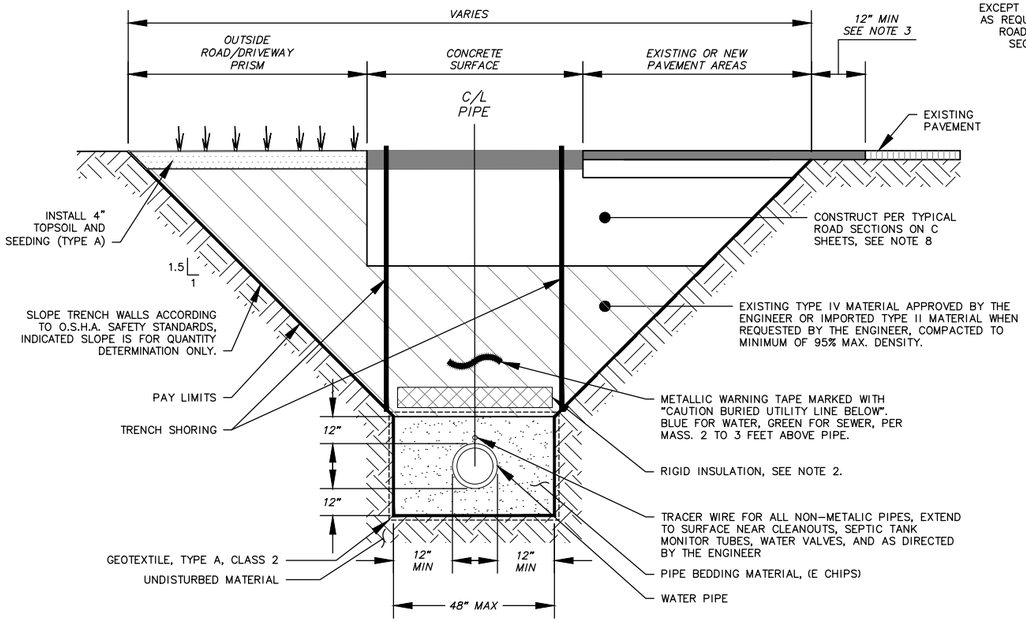
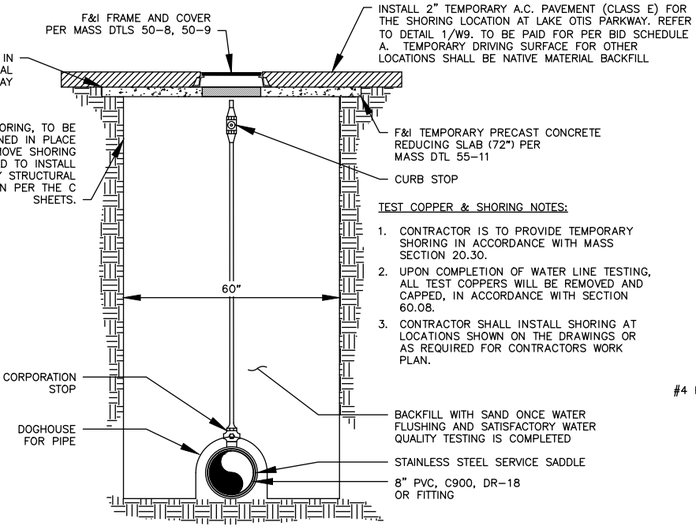


TRENCH SECTIONS NOTES:

1. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS. PROVIDE TRENCH SHORING AS NEEDED TO SUPPORT EXCAVATION AND STAY WITHIN ROW AND TEMPORARY CONSTRUCTION EASEMENTS.
2. R-18 RIGID INSULATION PER MASS STANDARD DETAIL 20-9, WHERE WATER PIPE HAS LESS THAN 10' OF COVER.
3. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, CONTRACTOR WILL SAW CUT AND REMOVE AN ADDITIONAL 12-INCHES BEYOND THE DISTURBED, EXISTING PAVEMENT EDGE. THE ENGINEER WILL REQUIRE MORE THAN A 12-INCH ADDITIONAL CUT IF THE PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE.
4. LONGITUDINAL JOINTS IN THE TOP LAYER OF PAVEMENT MUST BE OFFSET NOT MORE THAN 6" FROM CENTERLINE OF EDGE OF STRIPE AND AT LEAST 4" FROM BOTTOM LAYER OF PAVEMENT.
5. ALL PAVEMENT DEPTHS GREATER THAN 3 INCHES MUST BE PLACED IN MULTIPLE LAYERS WITH NO LAYER EXCEEDING 3 INCHES.
6. TACK COAT ALL VERTICAL SURFACES OF EXISTING ASPHALT THAT WILL BE IN CONTACT WITH NEW ASPHALT PAVEMENT AND BETWEEN LIFTS OF NEW ASPHALT PAVEMENT.
7. REMOVE AND PROPERLY DISPOSE OF ALL ORGANIC MATERIALS IN ACCORDANCE WITH MASS SECTION 20.13.
8. THE CONTRACTOR SHALL BACKFILL TO THE ORIGINAL GROUND SURFACE OF THE TRENCH WHEN NECESSARY TO PROVIDE ADEQUATE TEMPORARY DRIVING SURFACE DURING CONSTRUCTION AND PRIOR TO THE ROADWAY/DRIVEWAY EXCAVATION. THE CONTRACTOR SHALL BACKFILL THE TRENCH WITH NATIVE MATERIALS. SEE SPECIFICATIONS FOR MORE ADDITIONAL INFORMATION.

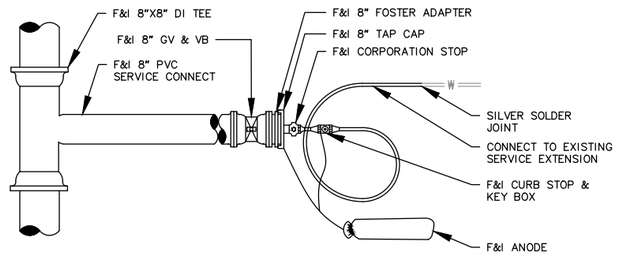
1 / W9 — TYPICAL WATER TRENCH DETAIL
N.T.S.



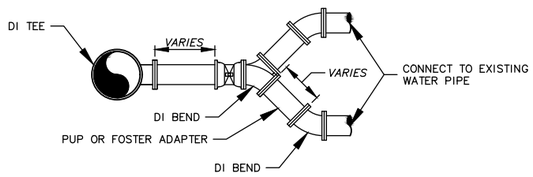
TEST COPPER & SHORING NOTES:

1. CONTRACTOR IS TO PROVIDE TEMPORARY SHORING IN ACCORDANCE WITH MASS SECTION 20.30.
2. UPON COMPLETION OF WATER LINE TESTING, ALL TEST COPPERS WILL BE REMOVED AND CAPPED, IN ACCORDANCE WITH SECTION 60.08.
3. CONTRACTOR SHALL INSTALL SHORING AT LOCATIONS SHOWN ON THE DRAWINGS OR AS REQUIRED FOR CONTRACTORS WORK PLAN.

2 / W9 — TEST COPPER AND SHORING
N.T.S.



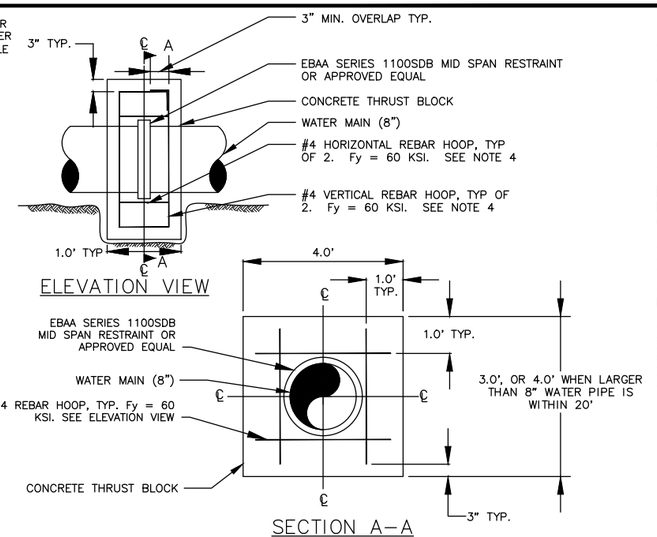
4 / W9 — 8" TO 2" TRANSITION DETAIL
N.T.S.



TYP. VERTICAL ADJUSTMENT NOTES:

1. VERTICAL AND HORIZONTAL ADJUSTMENT WORK IS INCIDENTAL TO FURNISH & INSTALL WATER PIPE AND SERVICE LINE.
2. CONTRACTOR SHALL EXSPOSE SERVICES AT TIE-IN POINT PRIOR TO INSTALLATION OF SERVICE TO VERIFY DEPTH AND PLAN THE CONNECTION.

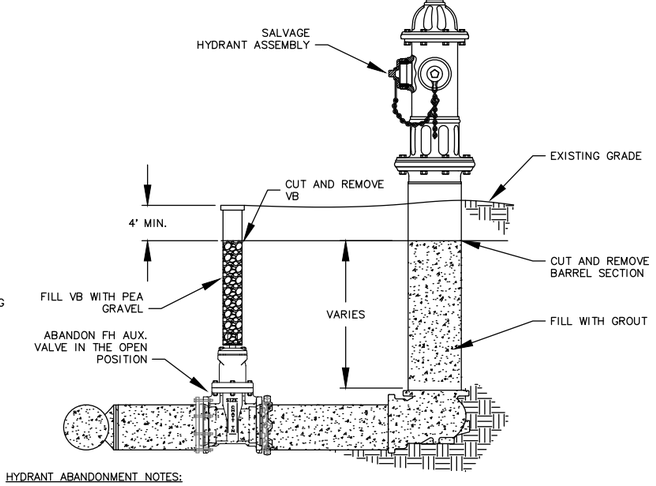
5 / W9 — TYP. VERTICAL ADJUSTMENT FOR SERVICE CONNECTIONS
N.T.S.



MID SPAN THRUST ANCHOR NOTES:

1. INSTALL MID SPAN THRUST ANCHOR TO PROVIDE TEMPORARY RESTRAINT TO THE END OF EXISTING WATER LINE MAIN.
2. INSTALL EBAA SERIES 1100SDB MID SPAN RESTRAINT PER MANUFACTURER'S INSTRUCTIONS.
3. BACKFILL AROUND THRUST ANCHOR SHALL BE TYPE II-A CLASSIFIED FILL COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY.
4. PROVIDE FOUR CONTINUOUS #4 REBAR HOOPS IN THRUST ANCHOR. PLACE HOOPS PARALLEL TO HORIZONTAL AND VERTICAL AXIS 2 EACH.
5. CONCRETE SHALL REACH 75% OF 4000 PSI DESIGN MAXIMUM STRENGTH BEFORE PUTTING THRUST BLOCK ANCHOR INTO SERVICE.
6. WHERE NEW PIPE IS USED, CONTRACTOR MAY CONSTRUCT THE THRUST BLOCK AND PIPE ASSEMBLY COMPLETE BEFORE INSTALLING INTO THE WATER SYSTEM.

3 / W9 — MID-SPAN THRUST BLOCK
N.T.S.



HYDRANT ABANDONMENT NOTES:

1. CONTRACTOR CAN EITHER USE HYDRANT AS GROUT VENT OR INSTALL 6" X 2" MJ CAP WITH GROUT VENT TUBE TO THE REMAINING BARREL SECTION FOR ABANDONMENT OF THE WATER MAIN, HYDRANT LEG, AND REMAINING BARREL SECTION.
2. ABANDON HYDRANT WORK IS INCIDENTAL TO ABANDONING WATER MAIN.

6 / W9 — FIRE HYDRANT AND VALVE BOX ABANDONMENT
N.T.S.

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

DETAILS

HORZ SCALE: N/A VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35
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SHEET W9 of W19

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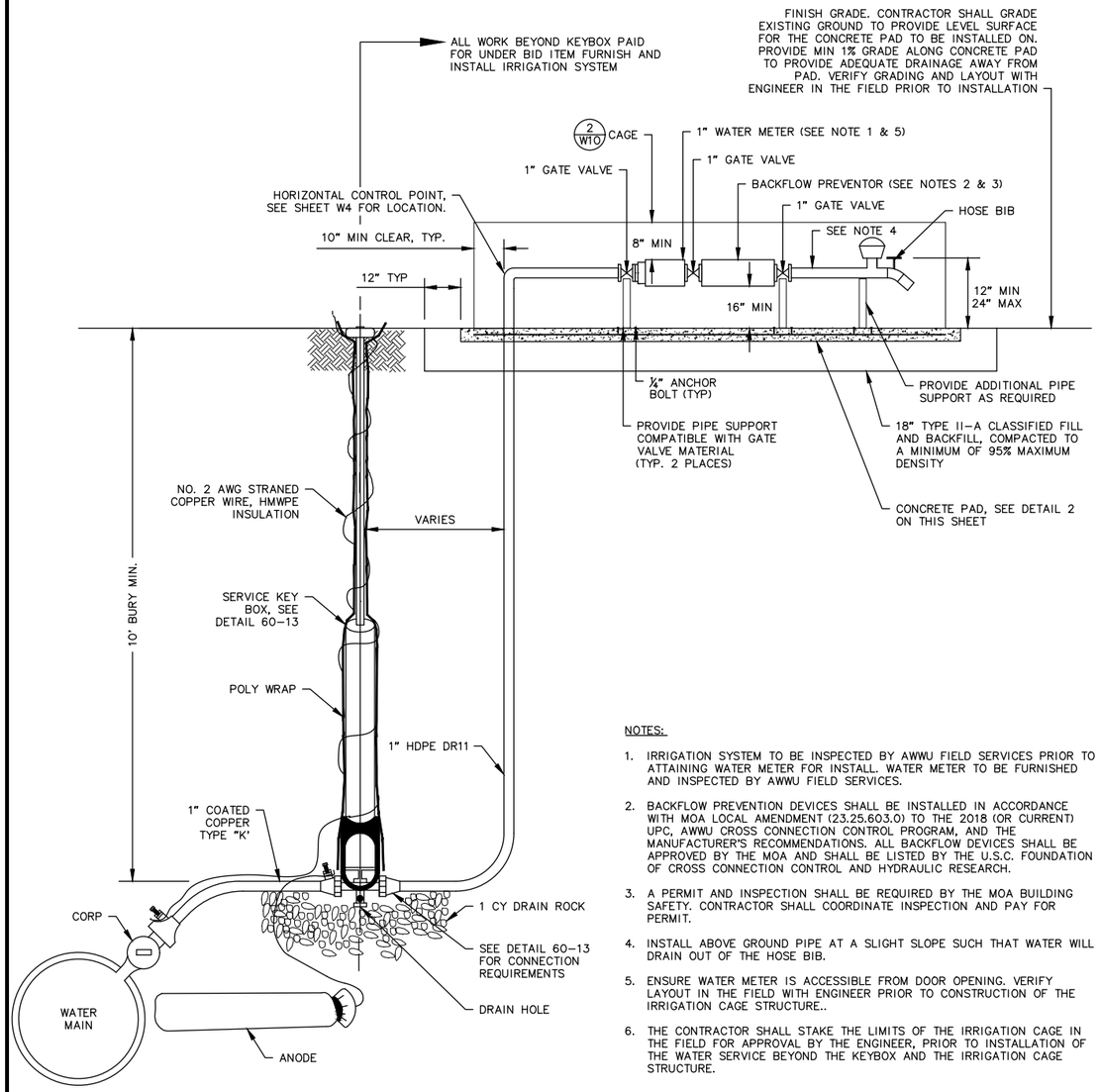
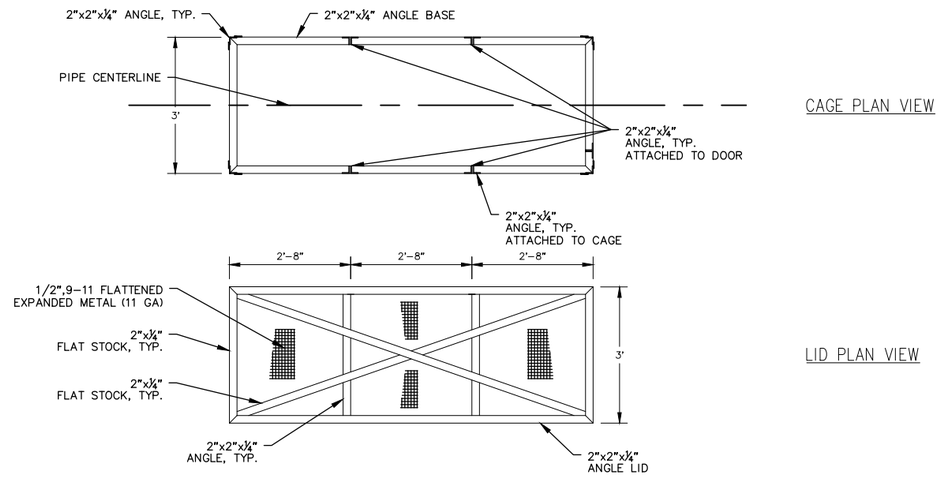


NOTES:

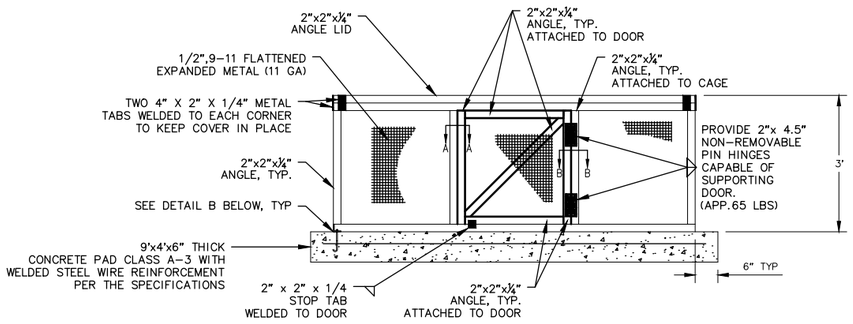
1. IRRIGATION SYSTEM TO BE INSPECTED BY AWWU FIELD SERVICES PRIOR TO ATTAINING WATER METER FOR INSTALL. WATER METER TO BE FURNISHED AND INSPECTED BY AWWU FIELD SERVICES.
2. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH MOA LOCAL AMENDMENT (23.25.603.O) TO THE 2018 (OR CURRENT) UPC, AWWU CROSS CONNECTION CONTROL PROGRAM, AND THE MANUFACTURER'S RECOMMENDATIONS. ALL BACKFLOW DEVICES SHALL BE APPROVED BY THE MOA AND SHALL BE LISTED BY THE U.S.C. FOUNDATION OF CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
3. A PERMIT AND INSPECTION SHALL BE REQUIRED BY THE MOA BUILDING SAFETY. CONTRACTOR SHALL COORDINATE INSPECTION AND PAY FOR PERMIT.
4. INSTALL ABOVE GROUND PIPE AT A SLIGHT SLOPE SUCH THAT WATER WILL DRAIN OUT OF THE HOSE BIB.
5. ENSURE WATER METER IS ACCESSIBLE FROM DOOR OPENING. VERIFY LAYOUT IN THE FIELD WITH ENGINEER PRIOR TO CONSTRUCTION OF THE IRRIGATION CAGE STRUCTURE..
6. THE CONTRACTOR SHALL STAKE THE LIMITS OF THE IRRIGATION CAGE IN THE FIELD FOR APPROVAL BY THE ENGINEER, PRIOR TO INSTALLATION OF THE WATER SERVICE BEYOND THE KEYBOX AND THE IRRIGATION CAGE STRUCTURE.

1/W10 IRRIGATION SYSTEM DETAIL
N.T.S.



CAGE PLAN VIEW

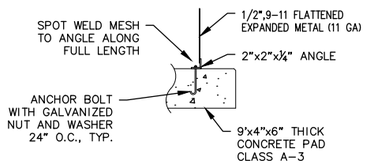
LID PLAN VIEW



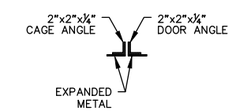
CAGE ELEVATION

NOTES:

1. ALL METAL SURFACES SHALL BE POWDER COATED COLOR SHALL BE DARK GREEN AS APPROVED BY ENGINEER.
2. PROVIDE FOUR--1/2" EYE BOLTS AT CORNERS OF COVER FOR LIFTING.
3. PROVIDE LATCHES ON BOTH ENDS OF CAGE, AND ON BOTH DOORS FOR LOCKING PURPOSES.
4. SPOT WELD EXPANDED METAL TO ANGLE IRONS FULL LENGTH.



DETAIL B



SECTION A-A

2/W10 CAGE & CONCRETE PAD DETAIL
N.T.S.

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1"
IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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CONSULTANT

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REGISTERED PROFESSIONAL ENGINEER
SEAL

ANCHORAGE WATER & WASTEWATER UTILITY
AWWU
MUNICIPALITY OF ANCHORAGE

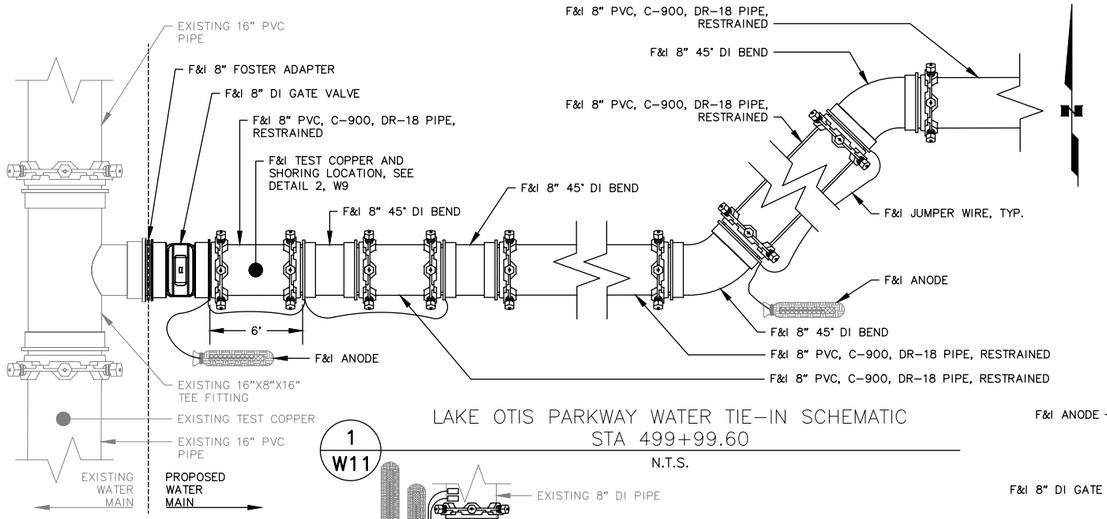
MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

IRRIGATION SYSTEM DETAILS

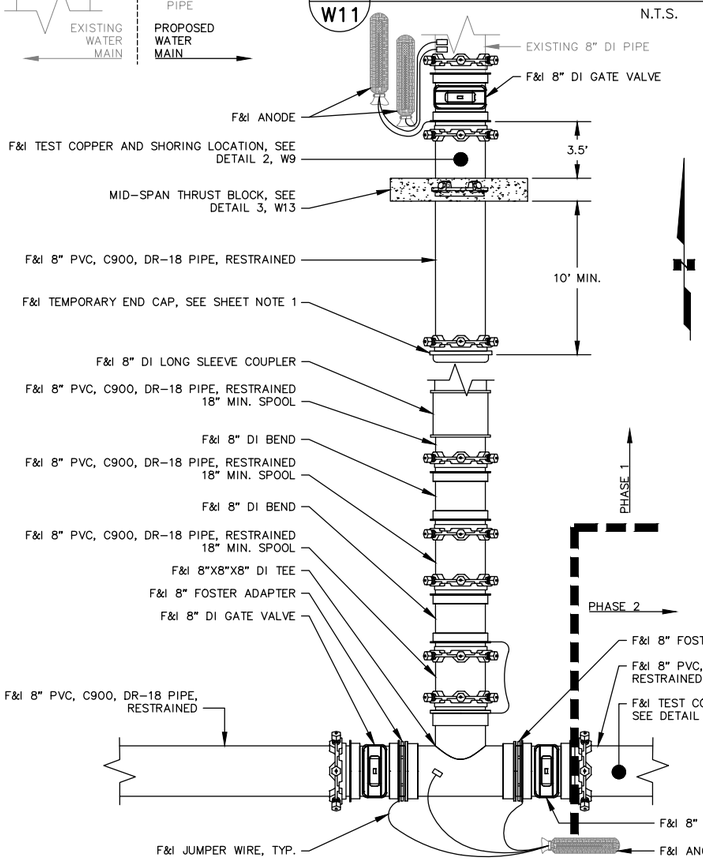
HORZ SCALE: N/A
VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W10 of W19

PLOT DATE: 3/27/2024 8:32 AM
PLOT SCALE:
ACAD FILE: k:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Details.dwg



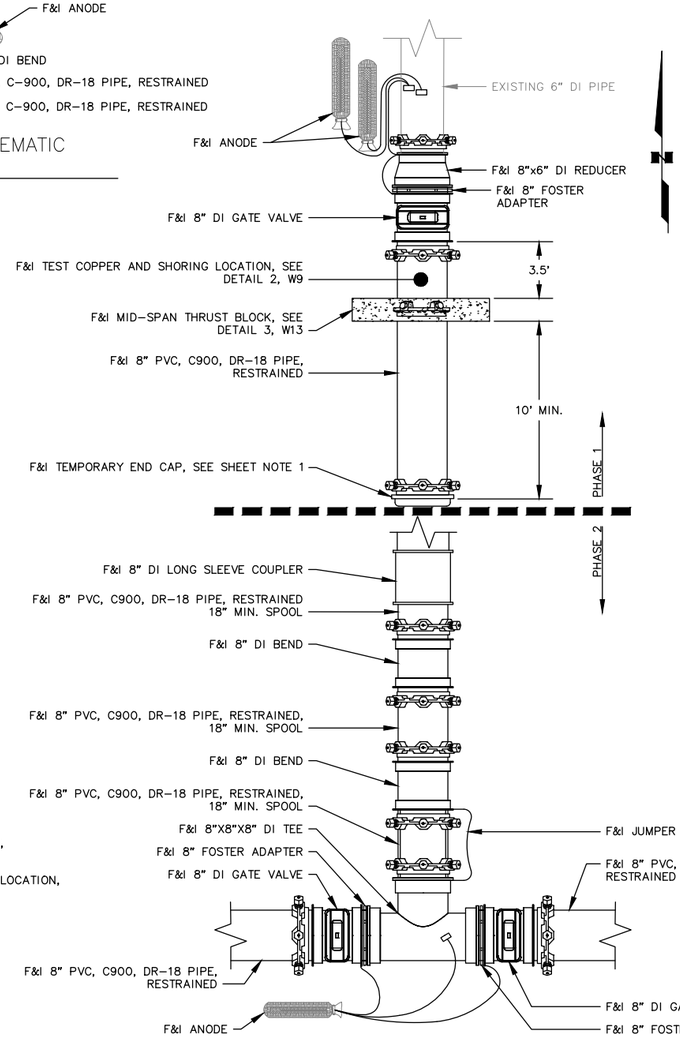
LAKE OTIS PARKWAY WATER TIE-IN SCHEMATIC
STA 499+99.60
N.T.S.

1
W11



LAUREL STREET WATER TIE-IN SCHEMATIC
STA 507+00.61
N.T.S.

2
W11

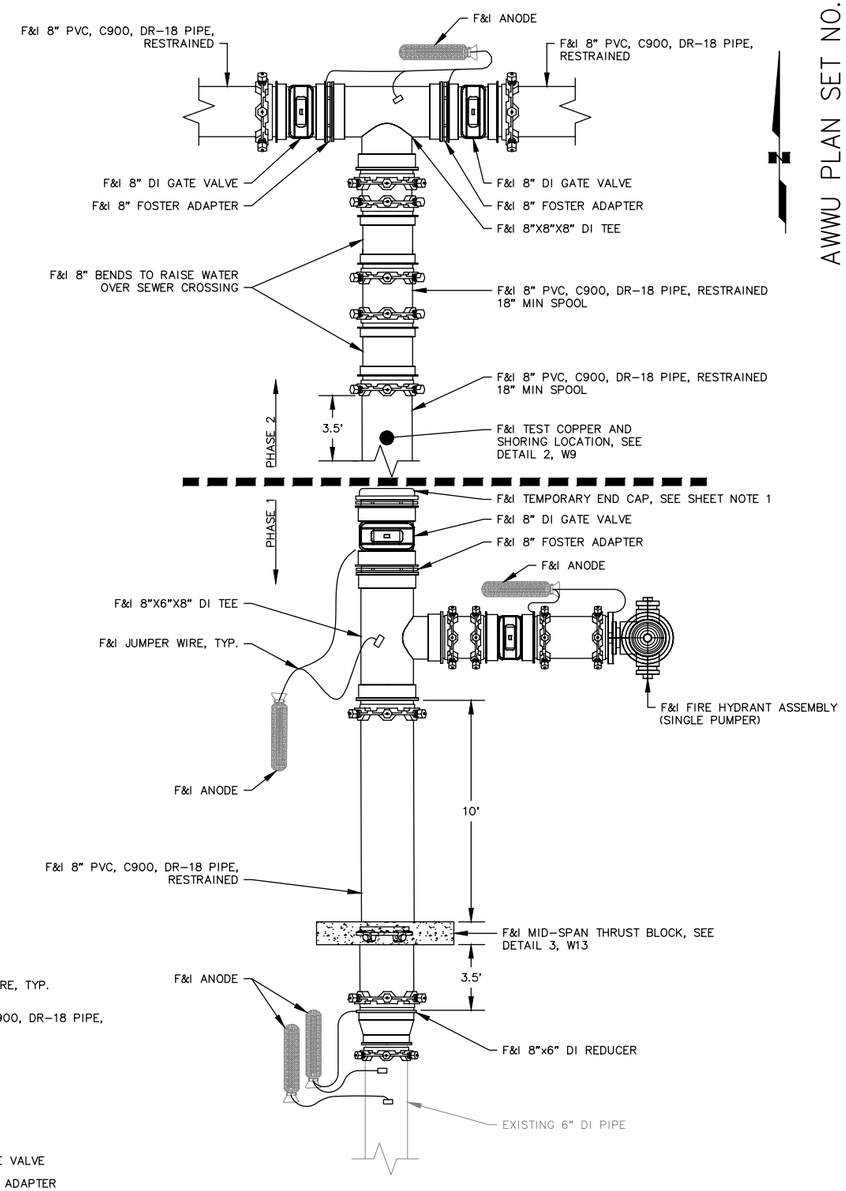


HICKORY PLACE WATER TIE-IN SCHEMATIC
STA 508+65.02
N.T.S.

3
W11

SHEET NOTES:

1. TEMPORARY END CAP AS PART OF TEMPORARY WATER SERVICE. REMOVE AND REPLACE WITH COUPLER TO CONNECT NEW WATER PIPE.
2. CONNECTION OF TEST COPPERS TO PVC PIPE SHALL BE NO CLOSER THAN 36 INCHES FROM A PIPE JOINT AS PER MASS.



DEER PARK APARTMENT HOMES WATER TIE-IN SCHEMATIC
STA 508+89.33
N.T.S.

4
W11

AWWU PLAN SET NO. 11044

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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   DATE: _____
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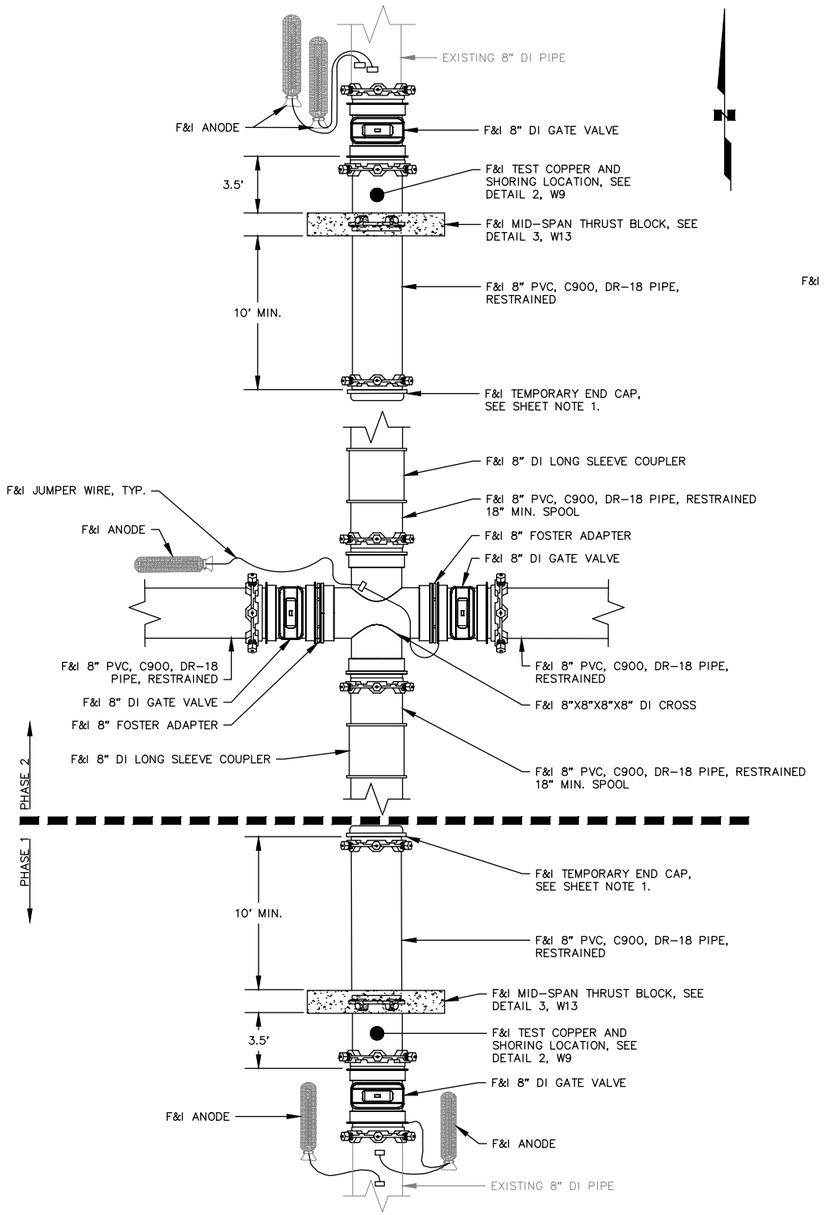
MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

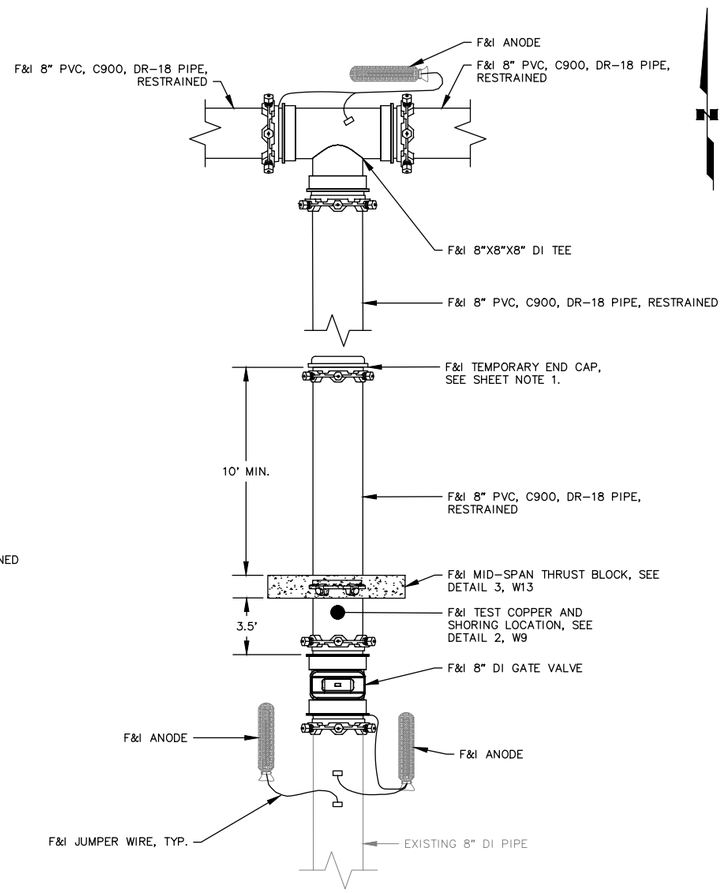
42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

SCHEMATIC DETAILS

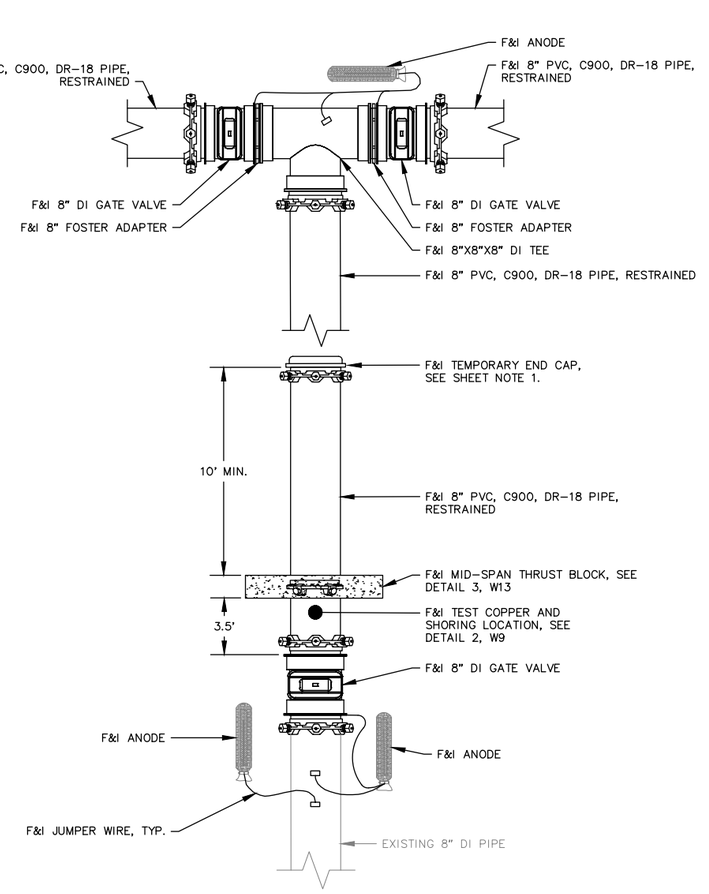
HORZ SCALE: N/A | VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W11 of W19



1/W12 FOLKER STREET WATER TIE-IN SCHEMATIC
STA 513+62.17
N.T.S.



2/W12 COLLEGE PLACE WATER TIE-IN SCHEMATIC
STA 515+39.32
N.T.S.



3/W12 ROSON COURT WATER TIE-IN SCHEMATIC
STA 516+90.22
N.T.S.

SHEET NOTES:

1. TEMPORARY END CAP AS PART OF TEMPORARY WATER SERVICE. REMOVE AND REPLACE WITH COUPLER TO CONNECT NEW WATER PIPE.
2. CONNECTION OF TEST COPPERS TO PVC PIPE SHALL BE NO CLOSER THAN 36 INCHES FROM A PIPE JOINT AS PER MASS.

AWWU PLAN SET NO. 11044

PLOT DATE: 3/27/2024 8:32 AM
PLOT SCALE:
ACAD FILE: k:\JobsData\V0142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Details.dwg

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

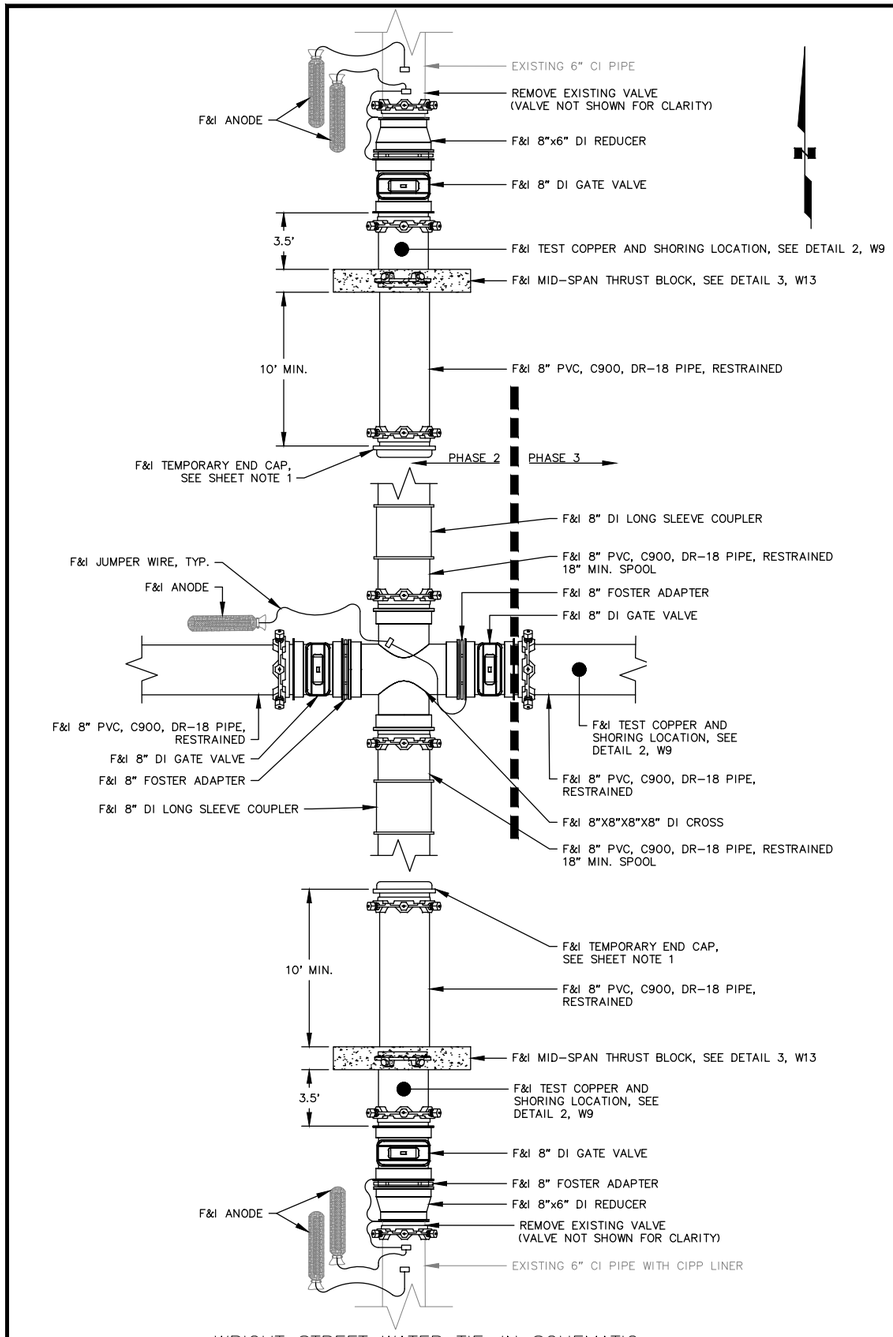
42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

SCHEMATIC DETAILS

HORZ SCALE: N/A | VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W12 of W19

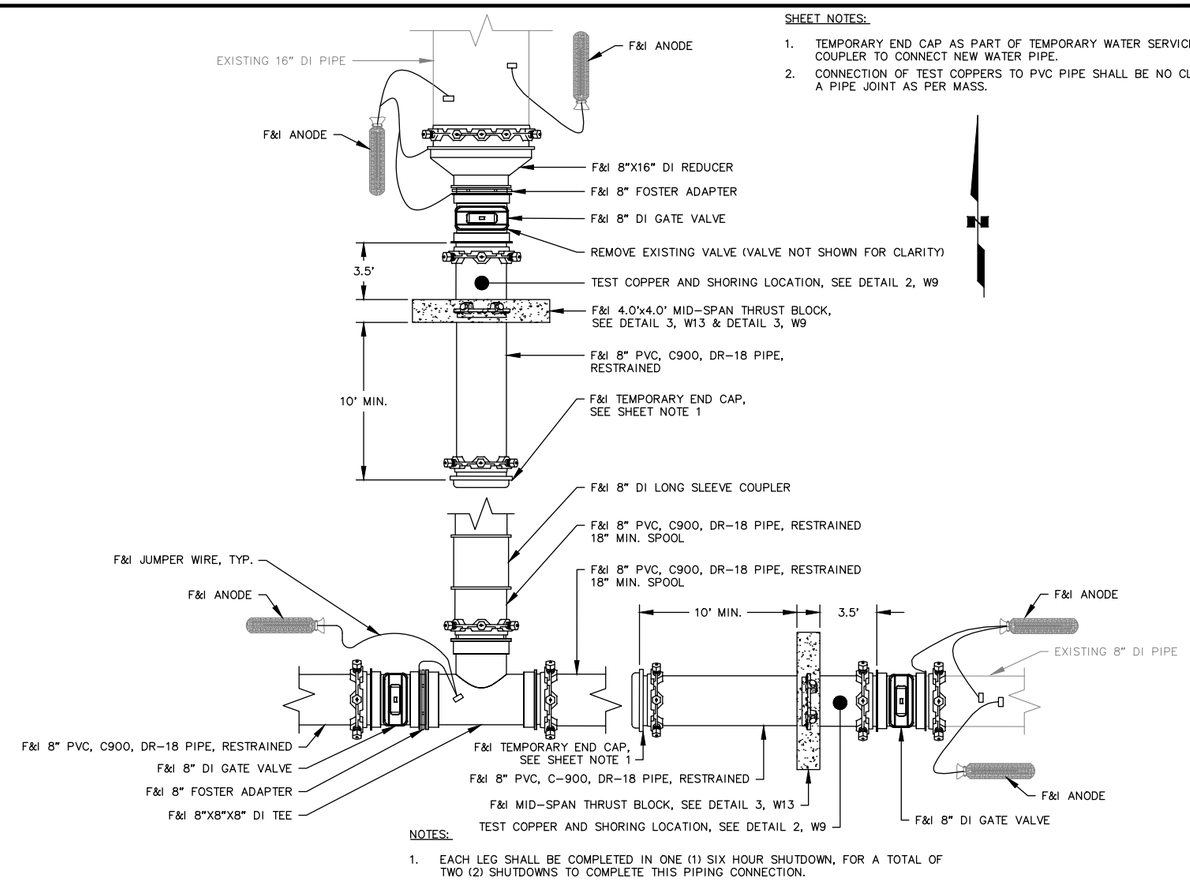
PLOT DATE: 3/27/2024 8:32 AM
PLOT SCALE:
ACAD FILE: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Details.dwg

AWWU PLAN SET NO. 11044



WRIGHT STREET WATER TIE-IN SCHEMATIC
STA 520+24.92
N.T.S.

1 / W13



SHEET NOTES:

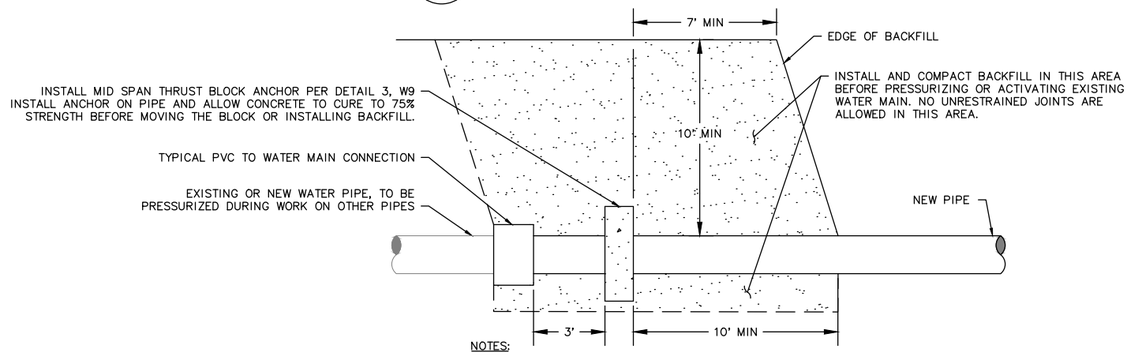
1. TEMPORARY END CAP AS PART OF TEMPORARY WATER SERVICE. REMOVE AND REPLACE WITH COUPLER TO CONNECT NEW WATER PIPE.
2. CONNECTION OF TEST COPPERS TO PVC PIPE SHALL BE NO CLOSER THAN 36 INCHES FROM A PIPE JOINT AS PER MASS.

NOTES:

1. EACH LEG SHALL BE COMPLETED IN ONE (1) SIX HOUR SHUTDOWN, FOR A TOTAL OF TWO (2) SHUTDOWNS TO COMPLETE THIS PIPING CONNECTION.

PIPER STREET WATER TIE-IN SCHEMATIC
STA 526+99.65
N.T.S.

2 / W13



NOTES:

1. VALVE LOCATION VARIES, NOT SHOWN.

MIDSPAN THRUST BLOCK ELEVATION
N.T.S.

3 / W13

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1"

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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03/27/24
REGISTERED PROFESSIONAL ENGINEER
SEAL

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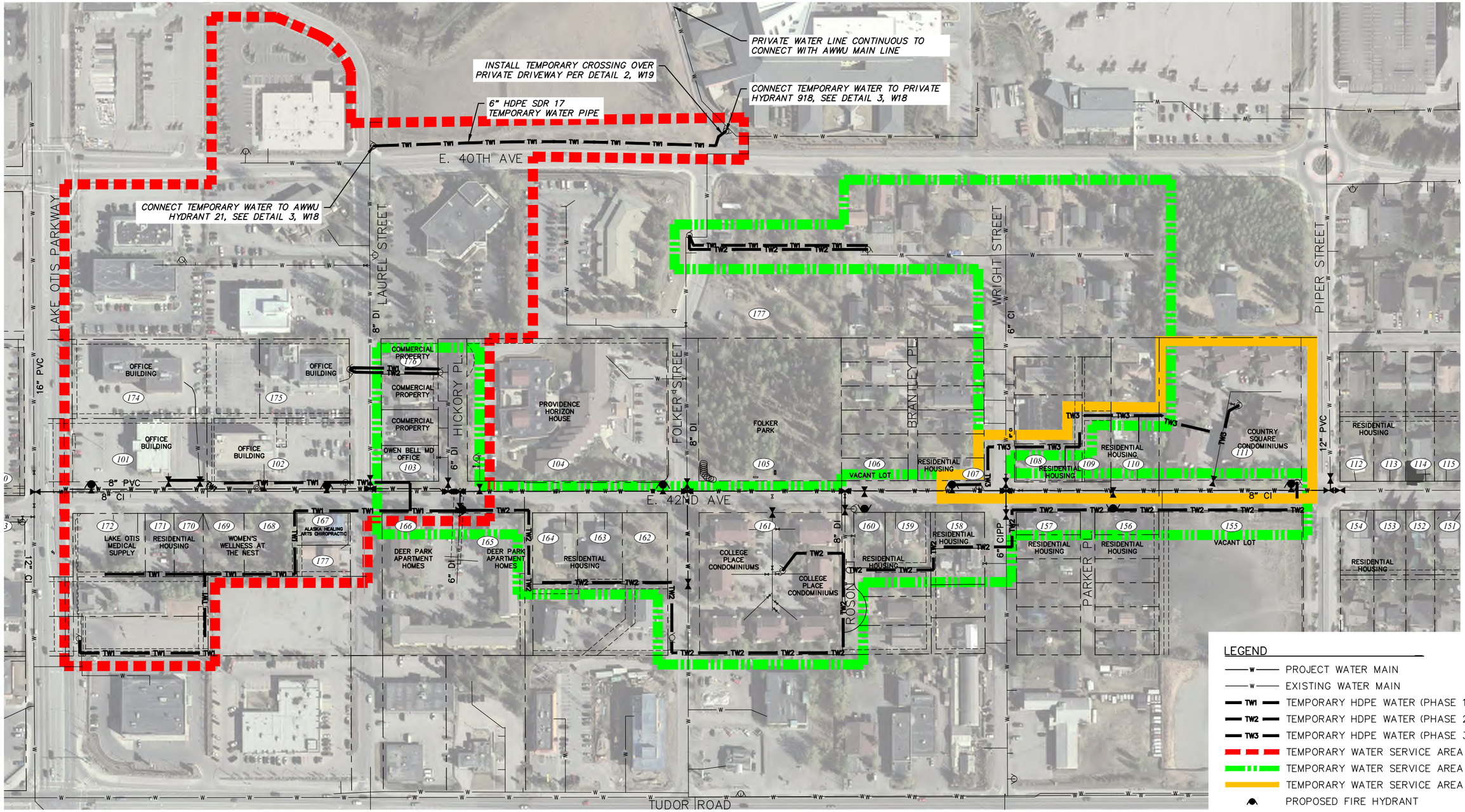
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

SCHEMATIC DETAILS

HORZ SCALE: N/A
VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W13 of W19

PLOT DATE: 3/27/2024 8:33 AM
PLOT SCALE:
ACAD FILE: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Temp Water.dwg



GENERAL TEMPORARY WATER SERVICE NOTES:

1. CONTRACTOR SHALL REPLACE INTERIOR SHUTOFF VALVES AT ALL LOCATIONS WHERE WATER IS BEING CONNECTED INTO A HOSE BIB. SEE PROJECT SPECIFICATIONS.
2. PIPE SIZES SHOWN ON THE TEMPORARY WATER DRAWINGS ARE THE MINIMUM PIPE SIZED REQUIRED.

0 100' 200'
SCALE IN FEET

LEGEND

- PROJECT WATER MAIN
- EXISTING WATER MAIN
- TW1 TEMPORARY HDPE WATER (PHASE 1)
- TW2 TEMPORARY HDPE WATER (PHASE 2)
- TW3 TEMPORARY HDPE WATER (PHASE 3)
- TEMPORARY WATER SERVICE AREA (PHASE 1)
- TEMPORARY WATER SERVICE AREA (PHASE 2)
- TEMPORARY WATER SERVICE AREA (PHASE 3)
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---
PLAN CHECK					

REV	DATE	DESCRIPTION	BY
REVISIONS			

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42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY WATER SERVICE OVERALL PHASING MAP

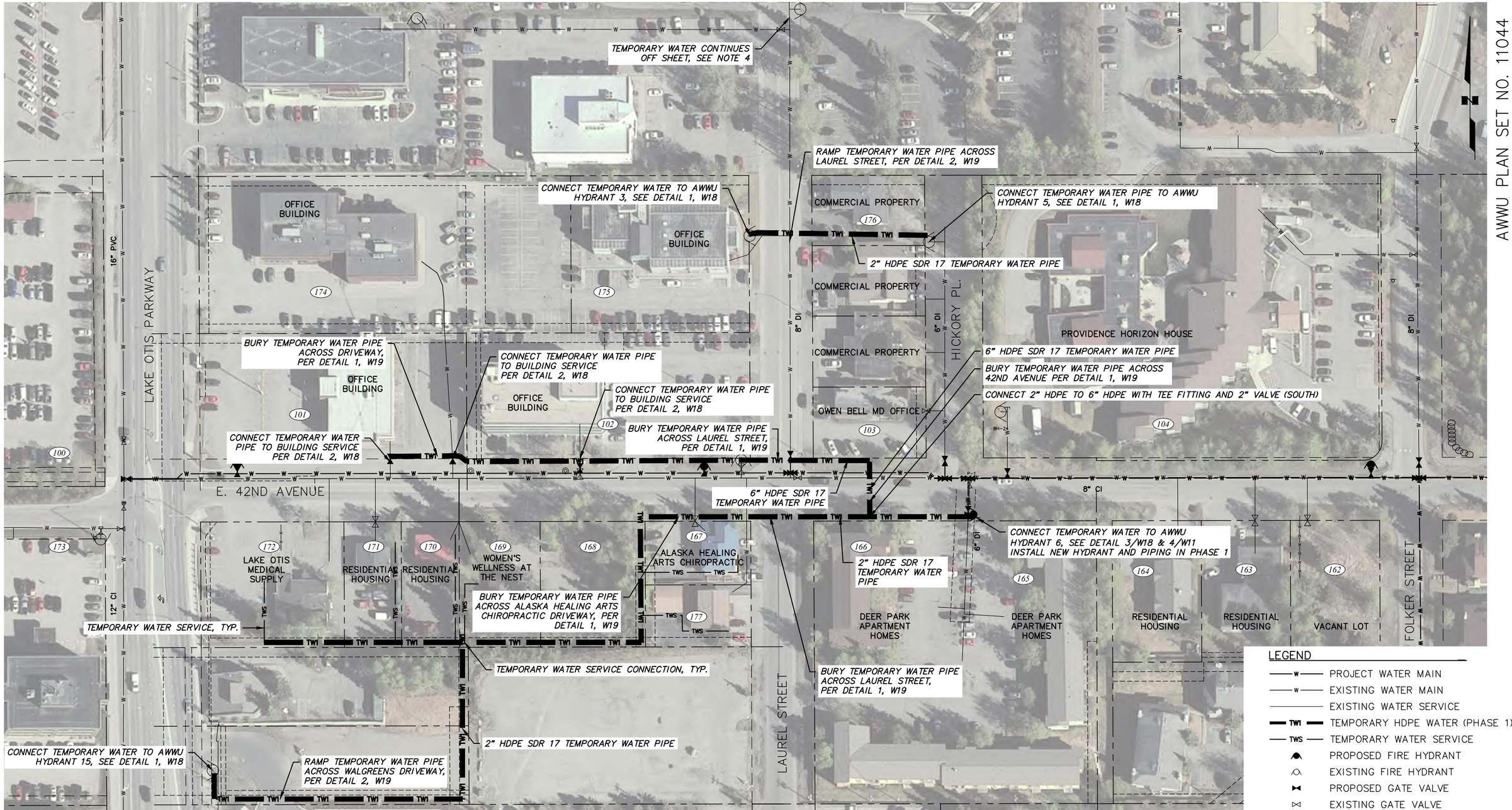
HORZ SCALE: 1:100
VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W14 of W19

PLOT DATE: 3/27/2024 8:33 AM

PLOT SCALE:

ACAD FILE: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Temp Water.dwg

AWWU PLAN SET NO. 11044



LEGEND

- PROJECT WATER MAIN
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- TEMPORARY HDPE WATER (PHASE 1)
- TEMPORARY WATER SERVICE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE

0 50' 100'
SCALE IN FEET

NOTES:

1. AWWU CUSTOMER SERVICE SHALL BE NOTIFIED WHEN HOOKING UP A BUILDING WITH A METER VIA A HOSE BIB.
2. NEW WATER LINE BETWEEN STA. 500+00 AND STA. 507+00 SHALL BE SUBSTANTIALLY COMPLETED PRIOR TO MOVING ON TO PHASE 2 OF THE TEMPORARY WATER.
3. TEMPORARY WATER SERVICES DISTANCES ARE GRAPHIC AND DO NOT SHOW THE ACTUAL LENGTH OF PIPE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
4. REFER TO SHEET W14 FOR TEMPORARY WATER SERVICE NORTH OF THIS LOCATION ASSOCIATED WITH PHASE 1.

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

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TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

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REVISIONS

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   DATE: _____

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ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Micah K. Schoming
CE-10568
03/27/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY WATER SERVICE MAP PHASE 1

HORZ SCALE: 1:50 VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35

PROJ. ID.: WW00058

SHEET W15 of W19

NOTES:

1. AWWU CUSTOMER SERVICE SHALL BE NOTIFIED WHEN HOOKING UP A BUILDING WITH A METER VIA A HOSE BIB.
2. NEW WATER LINE BETWEEN STA. 507+00 AND STA. 520+00 SHALL BE SUBSTANTIALLY COMPLETED PRIOR TO MOVING ON TO PHASE 3 OF THE TEMPORARY WATER.
3. REQUIRES REMOVAL AND REPLACEMENT OF ROADWAY ASPHALT SURFACING AND STRUCTURAL SECTION PER DETAIL 4, SHEET C4. REMOVE ALL BELOW GROUND TEMPORARY PIPING AFTER PERMANENT WATER SERVICE IS ESTABLISHED. ABANDON WATER CONNECTION IN ACCORDANCE WITH MASS 60.08.

CONNECT TEMPORARY WATER PIPE TO AWWU HYDRANT 23, SEE DETAIL 3, W18

6" HDPE SDR 17 TEMPORARY WATER PIPE

CONNECT TEMPORARY WATER PIPE TO AWWU HYDRANT 9, SEE DETAIL 3, W18

RAMP TEMPORARY WATER PIPE ACROSS FOLKER STREET, PER DETAIL 2, W19

CONNECT TEMPORARY WATER TO AWWU HYDRANT 3, SEE DETAIL 1, W18

RAMP TEMPORARY WATER PIPE ACROSS LAUREL STREET, PER DETAIL 2, W19

2" HDPE SDR 17 TEMPORARY WATER PIPE

CONNECT TEMPORARY WATER PIPE TO AWWU HYDRANT 5, SEE DETAIL 1, W18 THE REDUCED PRESSURE ZONE ASSEMBLY IS OMITTED AT THIS CONNECTION

LAUREL STREET

FOLKER STREET

COMMERCIAL PROPERTY (176)

COMMERCIAL PROPERTY

COMMERCIAL PROPERTY

OWEN BELL MD OFFICE (103)

PROVIDENCE HORIZON HOUSE (104)

FOLKER PARK (105)

177

8" DI

6" DI

MATCH LINE A – 42ND AVE

RESIDENTIAL HOUSING (109)

RESIDENTIAL HOUSING (110)

COUNTRY SQUARE CONDOMINIUMS (111)

FIRE HYDRANT #10 CONNECT TEMPORARY WATER PIPE TO HYDRANT, PER DETAIL 3, W18

42ND AVE

BURY TEMPORARY WATER PIPE ACROSS 42ND AVE, PER DETAIL 1, W19

RESIDENTIAL HOUSING (156)

VACANT LOT (155)

2" HDPE SDR 17 TEMPORARY WATER PIPE

VACANT LOT (106)

RESIDENTIAL HOUSING (107)

RESIDENTIAL HOUSING (108)

8" CI

2" HDPE SDR 17 TEMPORARY WATER PIPE

E. 42ND AVENUE

RAMP TEMPORARY WATER PIPE ACROSS WRIGHT STREET, PER DETAIL 2, W19

WRIGHT STREET

MATCH LINE A – 42ND AVE

CONNECT TEMPORARY WATER PIPE TO NEW AWWU HYDRANT 6, SEE DETAIL 4, W11 AND DETAIL 3, W18

DEER PARK APARTMENT HOMES (165)

DEER PARK APARTMENT HOMES (166)

RESIDENTIAL HOUSING (164)

RESIDENTIAL HOUSING (163)

VACANT LOT (162)

TEMPORARY WATER SERVICE, TYP.

BURY TEMPORARY WATER PIPE ACROSS DEER PARK APARTMENTS DRIVEWAY, PER DETAIL 1, W19

TEMPORARY WATER SERVICE CONNECTION, TYP.

COLLEGE PLACE CONDOMINIUMS (161)

COLLEGE PLACE CONDOMINIUMS

CONNECT TEMPORARY WATER PIPE TO PRIVATE HYDRANT 916, SEE DETAIL 3, W18

2" HDPE SDR 17 TEMPORARY WATER PIPE

RAMP TEMPORARY WATER PIPE ACROSS DRIVEWAY, PER DETAIL 2, W19

RESIDENTIAL HOUSING (160)

RESIDENTIAL HOUSING (159)

RESIDENTIAL HOUSING (158)

2" HDPE SDR 17 TEMPORARY WATER PIPE

RAMP TEMPORARY WATER PIPE ACROSS ROSON COURT, PER DETAIL 2, W19

ROSON CT.

CONNECT TEMPORARY WATER PIPE TO EXISTING 8" DIP. SEE NOTE 3 AND DETAIL 3, W19.

RESIDENTIAL HOUSING (157)

FIRE HYDRANT #16 CONNECT TEMPORARY WATER PIPE TO HYDRANT, PER DETAIL 3, W18

RAMP TEMPORARY WATER PIPE ACROSS FOLKER STREET, PER DETAIL 2, W19

2" HDPE SDR 17 TEMPORARY WATER PIPE

LEGEND

- PROJECT WATER MAIN
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- TEMPORARY HDPE WATER (PHASE 2)
- TEMPORARY WATER SERVICE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE

0 50' 100'

SCALE IN FEET

PLOT DATE: 3/27/2024 8:33 AM

PLOT SCALE:

ACAD FILE: J:\Jobs\Data\101142.00 42nd Avenue Upgrade\00 CAD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\101142.00 Temp Water.dwg

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1"

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---		TELEPHONE	---	
TOPOGRAPHY	---		ELECTRIC	---	
PROFILE	---		CABLE TV	---	
SANITARY SEWER	---		TRAFFIC SIGNAL	---	
STORM SEWER	---		DESIGN	---	
WATER	---		QUANTITIES	---	
GAS	---		MUN. FINAL CHECK	---	

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

RECORD DRAWING Note: To be filled out on original drawings upon project completion.

1. DATA PROVIDED BY: _____
   This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
   CONTRACTOR: _____
   BY: _____ TITLE: _____
   DATE: _____
2. DATA TRANSFERRED BY: _____
   COMPANY: _____
   DATE: _____
3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.
   DATA TRANSFER CHECKED BY: _____
   COMPANY: _____
   BY: _____ TITLE: _____
   DATE: _____

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ANCHORAGE WATER & WASTEWATER UTILITY
AWWU
MUNICIPALITY OF ANCHORAGE

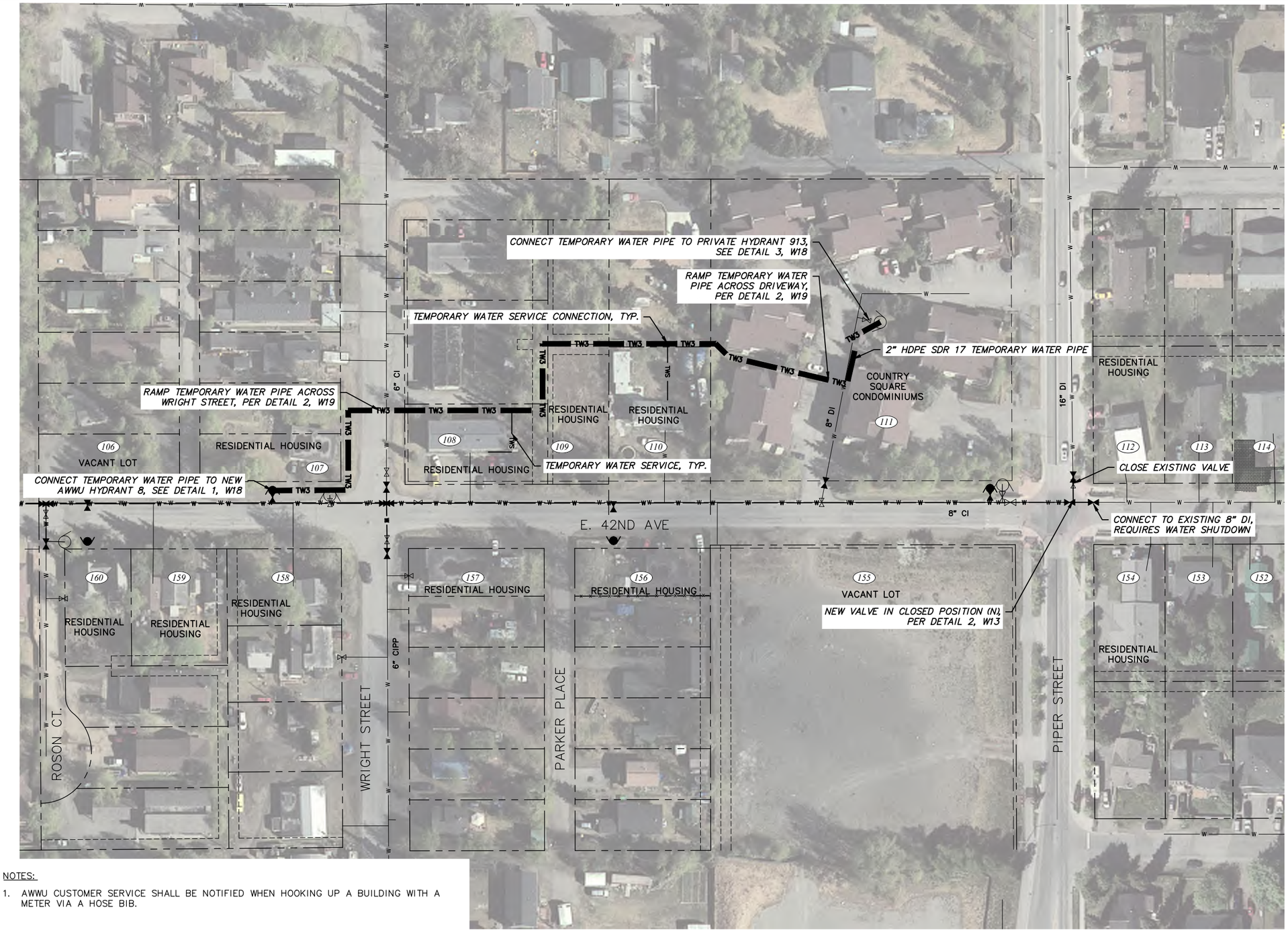
MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY WATER SERVICE MAP PHASE 2

HORZ SCALE: 1:50
VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W16 of W19

PLOT DATE: 3/27/2024 8:33 AM
PLOT SCALE:
ACAD FILE: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Temp Water.dwg



NOTES:

1. AWWU CUSTOMER SERVICE SHALL BE NOTIFIED WHEN HOOKING UP A BUILDING WITH A METER VIA A HOSE BIB.

LEGEND

- PROJECT WATER MAIN
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- TW3 — TEMPORARY HDPE WATER (PHASE 3)
- TWS — TEMPORARY WATER SERVICE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE

0 50' 100'
SCALE IN FEET

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" —— 1"
IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.
FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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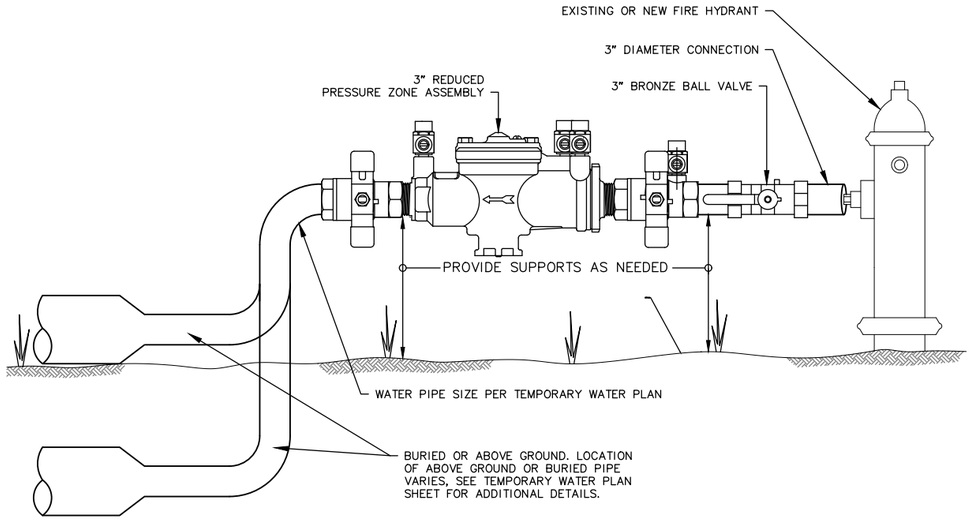
MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

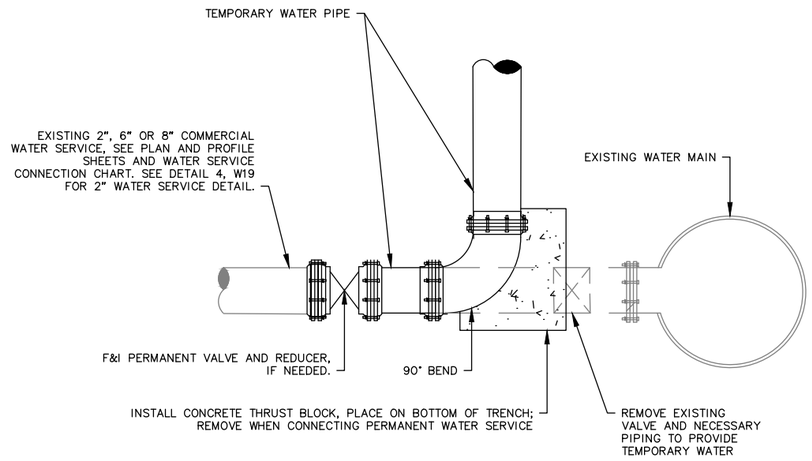
TEMPORARY WATER SERVICE MAP PHASE 3

HORZ SCALE: 1:50 VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35 | SHEET W17 of W19
PROJ. ID.: WW00058

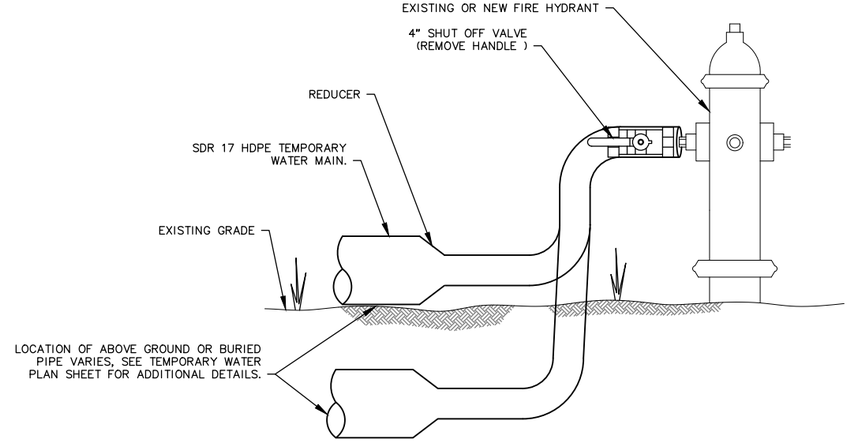
PLOT DATE: 3/27/2024 8:33 AM
PLOT SCALE:
ACAD FILE: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Details - Temp Water.dwg



1 / W18 — 2-INCH TEMPORARY WATER SYSTEM HYDRANT CONNECTION
N.T.S.



2 / W18 — TEMPORARY WATER SYSTEM LARGE SERVICE CONNECTION
N.T.S.



3 / W18 — LARGE SERVICE TEMPORARY WATER SYSTEM HYDRANT CONNECTION
N.T.S.

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1"
IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.
FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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   BY: _____ TITLE: _____
   DATE: _____
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   BY: _____ TITLE: _____
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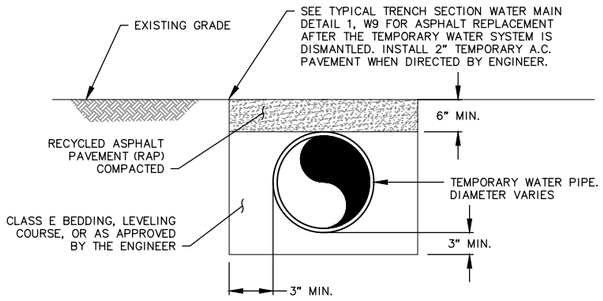
MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY WATER DETAILS

HORZ SCALE: N/A
VERT SCALE: N/A
DATE: MARCH 2024
GRID: SW1733-35
PROJ. ID.: WW00058
SHEET W18 of W19

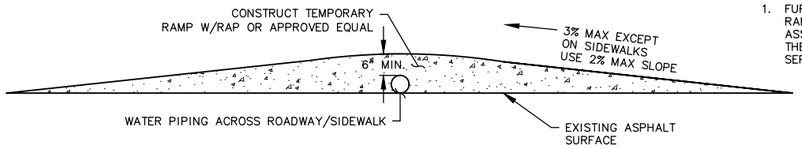


1 / W19 TYPICAL TEMPORARY WATER BURIAL

N.T.S.

NOTES:

1. THIS DETAIL APPLIES TO LOCATIONS WHERE ASPHALT PAVEMENT & THE ROADWAY/DRIVEWAY STRUCTURAL SECTION WILL BE REMOVED AND REPLACED PER THIS CONTRACT.
2. FURNISHING AND INSTALLING RAP, CLASS E BEDDING (OR LEVELING COURSE), EXCAVATION, BACKFILL, COMPACTION, DISPOSAL, REMOVAL AND CLEANUP IS INCIDENTAL TO THE TEMPORARY WATER SYSTEM PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.

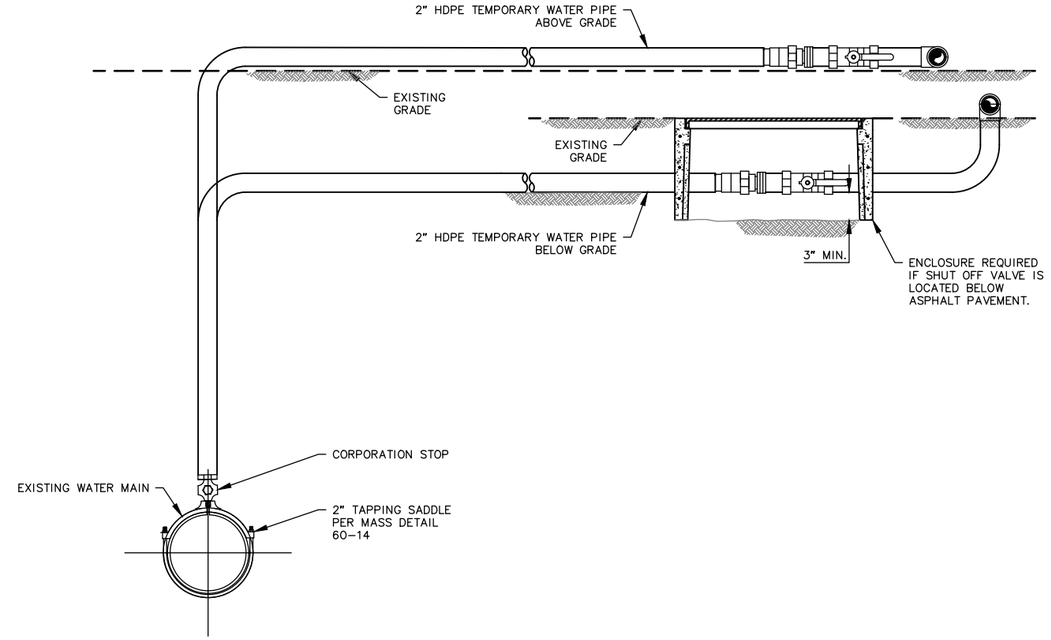


2 / W19 TYPICAL TEMPORARY RAMP DETAIL

N.T.S.

NOTE:

1. FURNISHING AND INSTALLING RAP, MAINTENANCE OF RAMPS, REMOVAL AND CLEANUP OF RAP, AND ALL WORK ASSOCIATED WITH TEMPORARY RAMPS ARE INCIDENTAL TO THE TEMPORARY WATER SYSTEM PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.



3 / W19 ROSON CT. TEMPORARY WATER SERVICE CONNECTION, ABOVE GRADE OR BURIED METHOD

N.T.S.

AWWU PLAN SET NO. 11044

PLOT DATE: 3/27/2024 8:33 AM
PLOT SCALE:
ACAD FILE: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Phase 1\02 AWWU Design\10142.00 Details - Temp Water.dwg

VERIFY SCALE THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING. 0" — 1" IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY. FULL SIZE SCALE HORZ SCALE: N/A VERT SCALE: N/A

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE	---	---	TELEPHONE	---	---
TOPOGRAPHY	---	---	ELECTRIC	---	---
PROFILE	---	---	CABLE TV	---	---
SANITARY SEWER	---	---	TRAFFIC SIGNAL	---	---
STORM SEWER	---	---	DESIGN	---	---
WATER	---	---	QUANTITIES	---	---
GAS	---	---	MUN. FINAL CHECK	---	---

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REVISIONS

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   BY: _____ TITLE: _____
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   BY: _____ TITLE: _____
   DATE: _____

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MUNICIPALITY OF ANCHORAGE
WATER & WASTEWATER UTILITY

42ND AVENUE UPGRADE – PHASE 1
LAKE OTIS PARKWAY TO PIPER STREET

TEMPORARY WATER DETAILS

HORZ SCALE: N/A VERT SCALE: N/A | DATE: MARCH 2024 | GRID: SW1733-35 | PROJ. ID.: WW00058 | SHEET W19 of W19

ILLUMINATION NOTES:
1. SEE NOTES ON SHEET 13.

E. 42ND AVENUE

LAKE OTIS PARKWAY

100+00 101+00 102+00 103+00 104+00 105

L1 — 2 1-3C6 (LTG A1)

L2 — 2 1-3C6 (LTG A1)

L3 — 2 1-3C6 (LTG A1)

MATCH LINE - STA 105+00

L5 — 2-3C6 (LTG A1), SPARE 2

REMOVE MOA OWNED LUMINAIRE, ASSOCIATED JUNCTION BOX AND CONDUIT RISERS AND SWEEPS. REMOVE CONDUCTORS TO LUMINAIRE TO THE NORTH. REMOVE CONDUIT THAT INTERFERES WITH NEW WORK, OTHERWISE ABANDON CONDUIT IN PLACE.

EXISTING CEA LUMINAIRE TO BE REMOVED BY OTHERS.

LAUREL STREET

HICKORY PLACE

E. 42ND AVENUE

106+00 107+00 108+00 109+00 110+00 111+00

L4 — 2 1-3C6 (LTG A1)

1-3C6 (LTG A1) 2 — J4A

L6 — 2 1-3C6 (LTG A1), 2 SPARE

2 1-3C6 (LTG A1) — L7

L8 — 2 1-3C6 (LTG A1)

2 1-3C6 (LTG A1)

MATCH LINE - STA 111+00

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC SCALE 40' 20' 0' 20' 40'

FIELD BOOKS	
DESIGN CRW BOOK No. 197, 198 & 201	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D-22	162.47
CB 7B	See MOA Benchmark Book, Page D-18	161.20
BASIS OF THIS DATUM GAAB 1972 ADJUST		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET — SCHED C

ILLUMINATION PLAN

E. 42ND AVENUE
BOP TO STA 111+00

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET 11 of 16

File: J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination Plan – Phase 1.dwg

ILLUMINATION NOTES:
1. SEE NOTES ON SHEET 13.

MATCH LINE - STA 111+00

MATCH LINE - STA 116+50

E. 42ND AVENUE

112+00 113+00 114+00 115+00 116+00

33+00

J10A

L11

EXISTING CEA LUMINAIRE AND JUNCTION BOX TO BE REMOVED BY OTHERS.

L12

L9 L10

2 1-3C6 (LTG A1)

2 1-3C6 (LTG A3)

2 SPARE

2-3C6 (LTG A1, A3) 2

32+00

FOLKER STREET

LOAD CENTER "A"

163 162 161

C.O.

M.B.

OE

EXISTING CEA LUMINAIRE TO BE REMOVED BY OTHERS.

BRANTLEY PLACE

45+00

E. 42ND AVENUE

117+00 118+00 119+00 120+00 121+00 122+00

42+00 53+00 63+00

J12A J14A J15A

L13 L14 L15 L16

2 1-3C6 (LTG A3)

2 SPARE

ROSON COURT

WRIGHT STREET

PARKER PLACE

160 159 158 157

MATCH LINE - STA 116+50

MATCH LINE - STA 122+50

RECORD DRAWING
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THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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COMPANY: _____ DATE: _____
BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

GRAPHIC SCALE 40' 20' 0' 20' 40'

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#ACCL882-AK

CONSULTANT

STATE OF ALASKA 49TH
R. Keene
EE-14401
3/28/24
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

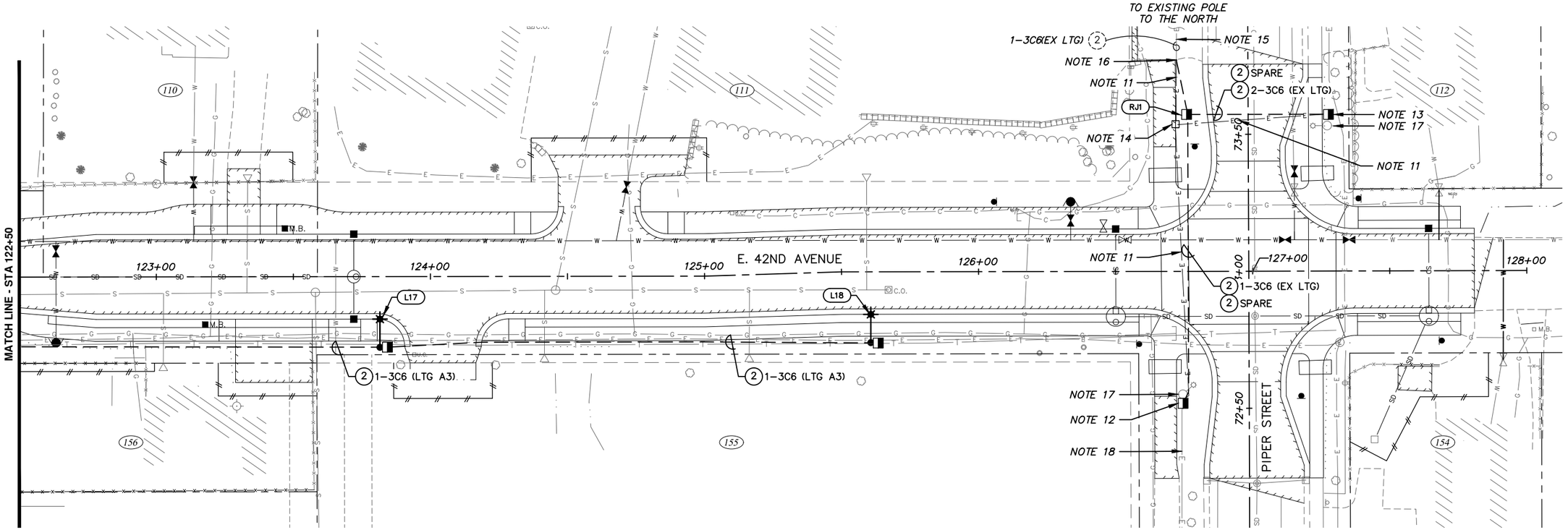
18-06 42ND AVENUE UPGRADE – PHASE 1 SCHED C
LAKE OTIS PARKWAY TO PIPER STREET

ILLUMINATION PLAN

E. 42ND AVENUE
STA 111+00 TO STA 122+50

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET 12 of 16

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination Plan – Phase 1.dwg



LEGEND

EXISTING	PROPOSED	
— — —	— — —	CONDUIT/CONDUCTOR BELOW GRADE
○☼	●✳	LUMINAIRE
◫	◧	TYPE 1A JUNCTION BOX
◪	◪	TYPE 2 JUNCTION BOX
⊠	⊠	TYPE 1A LOAD CENTER

(2) 1-3C6(LTG A1)
- CONDUIT SIZE
- # OF CABLES
- # OF CONDUCTORS PER CABLE
- CIRCUIT #
- TYPE OF CIRCUIT
- SIZE OF CONDUCTORS

NEW CONDUIT/CONDUCTOR TAG

(2) 1-3C6(LTG R4)
- CONDUIT SIZE
- # OF CABLES
- # OF CONDUCTORS PER CABLE
- CIRCUIT #
- TYPE OF CIRCUIT
- SIZE OF CONDUCTORS

EXISTING CONDUIT/ NEW CONDUCTOR TAG

ILLUMINATION NOTES:

1. PROVIDE HOT DIP GALVANIZED STEEL POLES WITH MAST ARMS PER MOA STANDARD DETAILS 80-19 AND 80-20, RESPECTIVELY.
2. ALL LUMINAIRE POLE FOUNDATIONS SHALL BE DRIVEN PILE UNLESS OTHERWISE NOTED ON THE DRAWINGS. PILE EMBEDMENT DEPTH SHALL BE 15' MINIMUM. LUMINAIRE POLE FOUNDATION SHALL BE LOCATED A MINIMUM OF 3 FEET FROM BACK OF SIDEWALK/PATHWAY OR A MINIMUM OF 7 FEET FROM BACK OF CURB OR SHOULDER. WHEN POLE LOCATION IS WITHIN 10' OF A UTILITY, EXCAVATE A HOLE TO 12" BELOW ANTICIPATED UTILITIES DEPTH WITH A VACTOR TRUCK BEFORE DRIVING PILE. THIS WORK SHALL BE INCIDENTAL TO THE SECTION 80.04 PAY ITEM. SEE MASS DETAIL 80-13. CONTRACTOR SHALL STAKE LUMINAIRE POLE LOCATIONS IN THE FIELD FOR ENGINEERS REVIEW AND APPROVAL PRIOR TO INSTALLATION OF PILES.
3. INSTALL THE POLES WITH FIXED BASES PER MOA DETAIL 80-21.
4. LUMINAIRES APPROVED FOR SUBSTITUTION SHALL PROVIDE THE LIGHT LEVELS AND UNIFORMITIES INDICATED IN THE LIGHT LEVELS TABLE.
5. PROVIDE THE POLE SHAFT LENGTHS AND MAST ARM LENGTHS SHOWN IN THE ROADWAY LUMINAIRE SCHEDULE.
6. PROVIDE RIGID METAL CONDUIT (RMC) WITH A BARE, STRANDED COPPER GROUND FOR ALL RACEWAYS. GROUND TO BE SIZED TO EQUAL THE LARGEST CONDUCTOR SIZE IN THE CONDUIT, MINIMUM #8 AWG.
7. PROVIDE ONE SPARE 2" RMC WITH PULL ROPE BETWEEN THE JUNCTION BOXES ADJACENT TO EVERY ROAD CROSSING.
8. PROVIDE A 3 CONDUCTOR CABLE FOR EACH BRANCH CIRCUIT. SIZE AS SHOWN ON THE DRAWINGS.
9. INSTALL THE JUNCTION BOX WITHIN 3' OF THE POLE OR LOAD CENTER. DO NOT INSTALL JUNCTION BOXES IN SIDEWALKS, PATHWAYS, TRAILS, DRIVEWAYS, OR DRAINAGE DITCHES OR ON PRIVATE PROPERTY. JUNCTION BOXES INSTALLED BEHIND SIDEWALKS, PATHWAYS OR TRAILS SHALL HAVE A MINIMUM SETBACK OF 2' AND BE PLACED BEHIND OR ON THE DOWN TRAFFIC SIDE OF FOUNDATIONS.
10. IN THE DRAWINGS, EACH JUNCTION BOX HAS THE SAME IDENTIFYING NUMBER AS THE LIGHT POLE OR LOAD CENTER NEXT TO IT. FOR JUNCTION BOXES LOCATED BETWEEN POLES, THE IDENTIFYING NUMBER INCLUDES THE SMALLER OF THE TWO POLE NUMBERS BETWEEN WHICH THE JUNCTION BOX IS LOCATED AND AN "A" SUFFIX.
11. DISCONNECT AND REMOVE CONDUCTORS. DEMOLISH CONDUIT RISERS AND CONDUIT THAT INTERFERES WITH NEW WORK AND ABANDON CONDUIT THAT DOES NOT INTERFERE WITH NEW WORK.
12. REMOVE EXISTING JUNCTION BOX AND REPLACE WITH NEW JUNCTION BOX AT SAME LOCATION. PRESERVE RISERS AND CONDUIT TO THE ADJACENT POLE AND EXISTING POLE TO THE SOUTH.
13. REMOVE EXISTING JUNCTION BOX AND REPLACE WITH NEW JUNCTION BOX AT SAME LOCATION. PRESERVE RISERS AND CONDUIT TO THE ADJACENT POLE.
14. REMOVE EXISTING JUNCTION BOX AND REPLACE WITH NEW JUNCTION BOX AT NEW LOCATION (SEE JUNCTION BOX SCHEDULE). REMOVE ALL CONDUIT RISERS.
15. DISCONNECT AND REMOVE EXISTING CONDUCTORS FOR EXISTING POLE TO THE NORTH. PRESERVE CONDUIT THAT DOES NOT INTERFERE WITH NEW WORK. INSTALL NEW CONDUCTORS IN EXISTING CONDUIT TO POLE TO THE NORTH (APPROXIMATELY 150' FROM NEW JUNCTION BOX RJ1). CONNECT TO EXISTING FUSED CONNECTOR IN POLE.
16. INTERSECT EXISTING CONDUIT WITH NEW CONDUIT WHERE EXISTING CONDUIT DOES NOT INTERFERE WITH NEW WORK. USE SHUR-LOCK II CONDUIT COUPLER OR APPROVED EQUAL TO CONNECT EXISTING CONDUIT TO NEW CONDUIT.
17. CONNECT NEW CONDUCTORS TO EXISTING FUSED CONNECTOR IN POLE HANDHOLE.
18. PRESERVE CONDUIT AND CONDUCTORS TO EXISTING POLE TO THE SOUTH.

RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
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BY: _____ TITLE: _____ DATE: _____
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PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

PLAN CHECK

GRAPHIC SCALE 40' 20' 0' 20' 40'

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D-18	161.20
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ASBUILT			
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INSPECTOR			

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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 — 42ND AVENUE UPGRADE – PHASE 1 — SCHED C
LAKE OTIS PARKWAY TO PIPER STREET

ILLUMINATION PLAN

E. 42ND AVENUE
STA 122+50 TO EOP

SCALE HOR. 1"=20' VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET 13 of 16

File: J:\JobsDate\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination Plan – Phase 1.dwg

LIGHT LEVELS TABLE

LOCATION	*MOA REQUIRED MIN. AVERAGE ILLUMINANCE (FC)*	AVERAGE DESIGN ILLUMINANCE (FC)	*MOA REQUIRED MAXIMUM UNIFORMITY RATIO*	DESIGN UNIFORMITY RATIO	*MOA REQUIRED MAX. VEILING LUMINANCE RATIO*	DESIGN VEILING LUMINANCE RATIO
42ND AVENUE	*0.7*	0.9	*6.0:1*	2.9:1	*0.3:1*	0.4:1
42ND AVENUE/LAUREL STREET INTX	*1.4*	1.5	*6.0:1*	2.4:1	–	–
42ND AVENUE/HICKORY PLACE INTX	*1.4*	1.5	*6.0:1*	3.0:1	–	–
42ND AVENUE/FOLKER STREET INTX	*1.4*	1.5	*6.0:1*	3.7:1	–	–
42ND AVENUE/ROSON COURT INTX	*1.4*	1.4	*6.0:1*	4.5:1	–	–
42ND AVENUE/BRANTLEY PLACE INTX	*1.4*	1.4	*6.0:1*	3.4:1	–	–
42ND AVENUE/WRIGHT STREET INTX	*1.4*	1.4	*6.0:1*	3.5:1	–	–
42ND AVENUE/PARKER PLACE INTX	*1.4*	1.4	*6.0:1*	4.8:1	–	–
SIDEWALKS/PATHWAYS	*0.5*	0.6	*4.0:1*	3.1:1	–	–

NOTES:

1. MOA REQUIREMENTS ARE FROM 2007 DCM CHAPTER 5 FOR A LOCAL ROADWAY WITH MEDIUM PEDESTRIAN CONFLICT (MEDIUM DENSITY RESIDENTIAL).
2. ALL INTERSECTIONS TO BE UPGRADED WITH NEW LIGHT ARE CLASSFIED AS LOCAL/LOCAL.
3. LIGHT LOSS FACTOR (LLF) = 0.85.
4. MOUNTING HEIGHTS ARE 30'.
5. ERL SERIES STREETLIGHTS BY CURRENT GLI BRANDS WERE USED AS A BASIS OF DESIGN.

ROADWAY LUMINAIRE SCHEDULE

POLE	STATION	OFFSET (FT)	SHAFT LENGTH	MAST ARM LENGTH	LUMENS	DISTRIBUTION	CIRCUIT
L1	101+44.4	27.88 RT	28'	11'	8,000	TYPE 2, MEDIUM	A1
L2	103+07.0	23.46 RT	29'	7'	8,000	TYPE 2, MEDIUM	A1
L3	104+68.3	23.50 RT	29'	7'	8,000	TYPE 2, MEDIUM	A1
L4	106+29.8	22.73 RT	29'	9'	8,000	TYPE 2, MEDIUM	A1
L5	12+56.7**	26.00 LT**	29'	7'	6,000	TYPE 2, MEDIUM	A1
L6	107+41.9	24.09 RT	28'	9'	8,000	TYPE 2, MEDIUM	A1
				15'*	6,000	TYPE 2, MEDIUM	
L7	108+81.8	23.48 RT	29'	7'	12,000	TYPE 2, MEDIUM	A1
L8	110+26.6	23.50 RT	29'	7'	6,000	TYPE 2, MEDIUM	A1
L9	111+42.7	23.50 RT	29'	7'	6,000	TYPE 2, MEDIUM	A1
L10	112+78.6	23.50 RT	29'	7'	6,000	TYPE 2, MEDIUM	A1
L11	113+96.6	32.99 RT	28'	16'	10,000	TYPE 2, MEDIUM	A3
				13'*	8,000	TYPE 2, MEDIUM	
L12	115+31.3	25.83 RT	28'	9'	12,000	TYPE 2, MEDIUM	A3
L13	117+34.6	25.57 RT	28'	9'	12,000	TYPE 2, MEDIUM	A3
L14	118+72.4	25.83 RT	28'	9'	12,000	TYPE 2, MEDIUM	A3
L15	120+56.6	29.07 RT	27'	14'	10,000	TYPE 2, MEDIUM	A3
				12'*	8,000		
L16	122+33.0	25.41 RT	28'	9'	12,000	TYPE 2, MEDIUM	A3
L17	123+81.6	25.83 RT	28'	9'	10,000	TYPE 2, MEDIUM	A3
L18	125+60.7	25.84 RT	28'	9'	10,000	TYPE 2, MEDIUM	A3

* = WEST MAST ARM

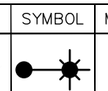
** = REFERENCES LAUREL STREET ALIGNMENT

JUNCTION BOX SCHEDULE

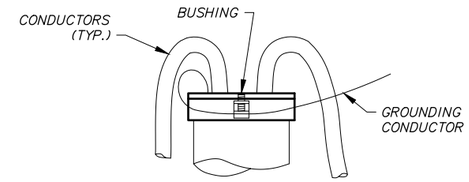
J–BOX	TYPE	CIRCUIT	STATION	OFFSET
J4A	1A	A1	106+68.8	25.20 RT
J10A	1A	A1, A3	113+39.0	27.91 RT
J12A	1A	A3	116+65.1	26.11 RT
J14A	1A	A3	119+96.3	29.00 RT
J15A	1A	A3	121+85.8	23.56 RT
RJ1	1A	EXISTING	126+76.0	57.27 LT

NOTE: ONLY JUNCTION BOXES NOT ASSOCIATED WITH AN LUMINAIRE OR LOAD CENTER ARE SHOWN IN THIS TABLE.

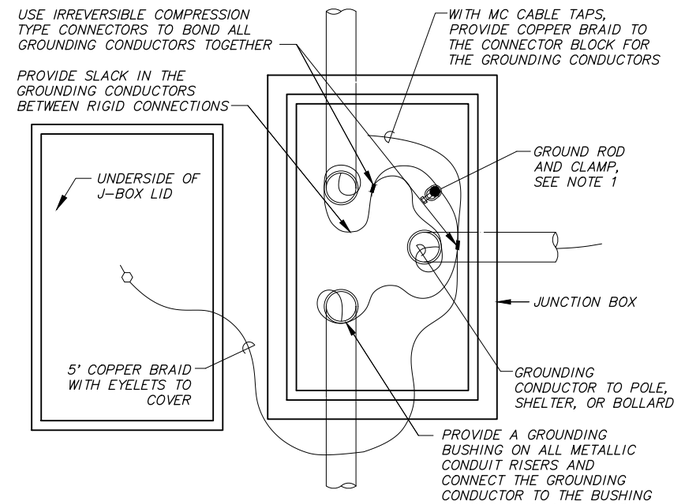
LUMINAIRE DEFINITION

TYPE	SYMBOL	MAKE	MODEL	LAMP	CCT*	DISTRIBUTION	VOLTAGE	COLOR	OPTIONS	MOUNT
ROADWAY		GE	ERL	SEE LUMINAIRE SCHEDULE	3000K	SEE LUMINAIRE SCHEDULE	240	GREY	7–PIN RECEPTACLE WITH SHORTING CAP, BACKLIGHT SHIELD	MAST ARM

*CCT = CORRELATED COLOR TEMPERATURE



DETAIL A



3 JUNCTION BOX GROUNDING DETAIL
NTS

ONLY GROUNDING CONDUCTORS ARE SHOWN FOR CLARITY

JUNCTION BOX GROUNDING NOTES:

1. PROVIDE A 3/4"X10' CU–CLAD STEEL GROUND ROD IN ALL JUNCTION BOXES NOT ASSOCIATED WITH A LOAD CENTER OR A LIGHT POLE. ATTACH GROUND ROD TO THE JUNCTION BOX GROUNDING SYSTEM. THE GROUND ROD SHALL BE INCIDENTAL TO THE JUNCTION BOX PAY ITEM.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198	GAAB 69	See MOA Benchmark Book, Page D–22	162.47
& 201	CB 7B	See MOA Benchmark Book, Page D–18	161.20
STAKING			
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VERTICAL DATUM

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#AECL882–AK

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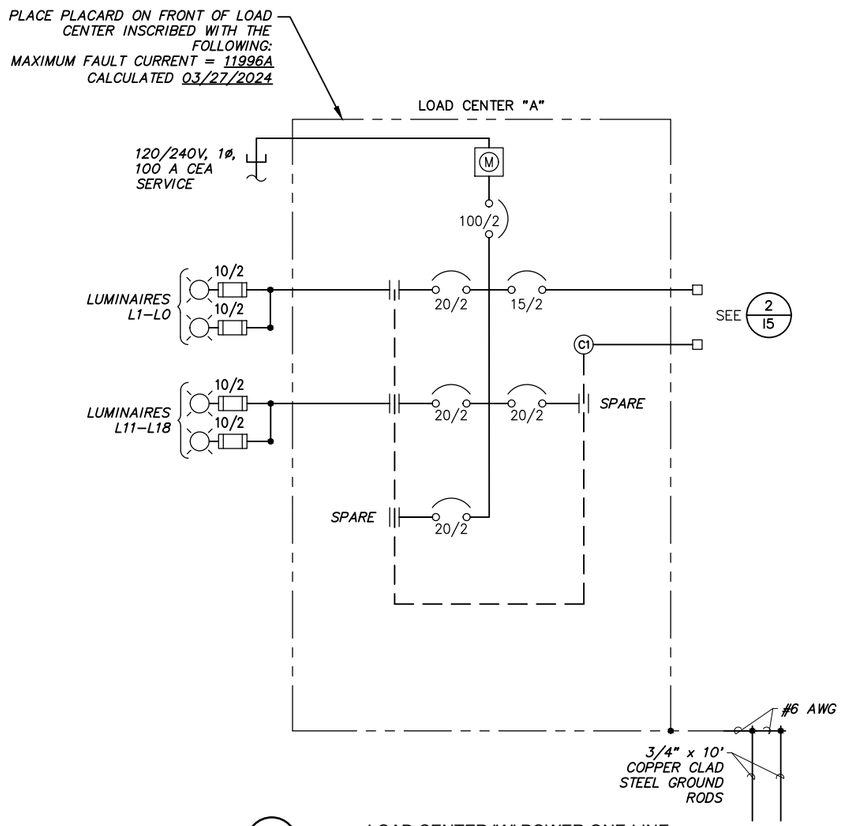
18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED C
LAKE OTIS PARKWAY TO PIPER STREET

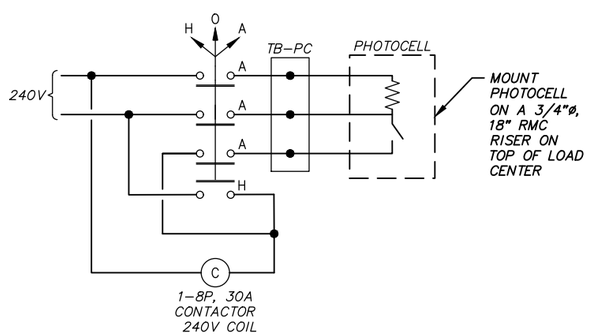
ILLUMINATION SCHEDULES

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET 14 of 16

File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination Schedules – Phase 1.dwg



1 LOAD CENTER "A" POWER ONE-LINE
NTS



2 LOAD CENTER PHOTOELECTRIC CONTROL SCHEMATIC
NTS

LOAD CENTER NO. A TYPE: 1A

LOCATION: STATION – 31+20.6, OFFSET – 28.0 LT, FOLKER STREET

1–8 POLE, 30 AMP CONTACTORS

MAIN BREAKER A: 2 POLE, 100 AMPS, 240 VOLTS

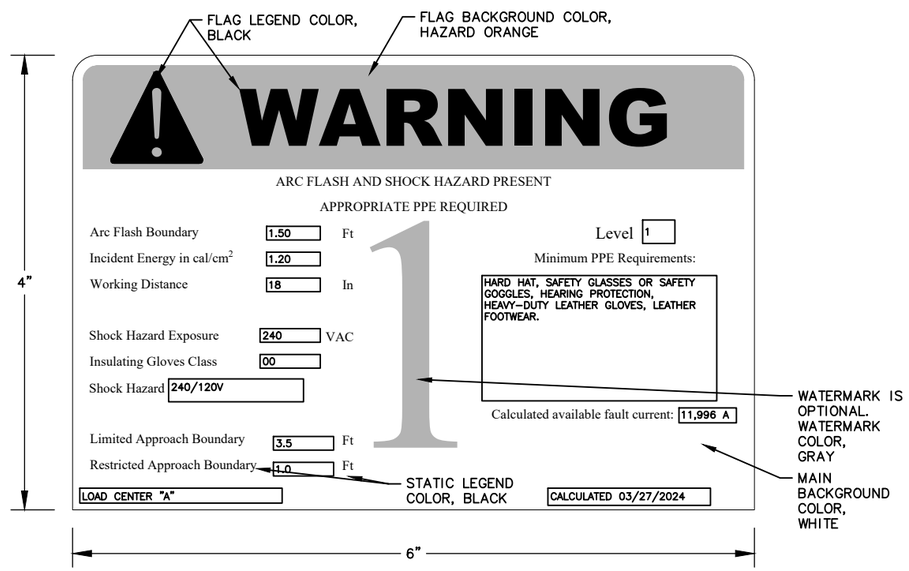
PANEL A 120/240 VOLTS SINGLE PHASE 3 WIRE

100 AMPS MAIN LUGS, 22,000 AMPS INTERRUPT CAPACITY

CKT.	CIRCUIT DESCRIPTION	KVA	AMP		AMP	KVA	CIRCUIT DESCRIPTION	CKT.
A1	LUMINAIRES L1–L10	0.7	20/2	1 – 2	15/2	0.2	PHOTOELECTRIC CONTROL	A2
A3	LUMINAIRES L11–L18	0.9	20/2	3 – 4	20/2		SPARE	A4
A5	SPARE		20/2	5 – 6				
				7 – 8				
				9 – 10				
				11 – 12				
				13 – 14				
				15 – 16				
				17 – 18				
				19 – 20				

TOTAL CONNECTED LOAD = 1.8 KVA

TOTAL AMPS = 7.5 A



3 LOAD CENTER "A" ARC FLASH WARNING LABEL
NTS

VOLTAGE DROPS					
CIRCUIT	SIZE	LENGTH	VOLTAGE	CURRENT	V.D.
A1	#6 AWG	1291	240V	3.33	1.84%
A3	#6 AWG	1324	240V	3.75	2.12%

LOAD CENTER NOTES:

1. *PLACARDS FOR LOAD CENTERS SHALL HAVE SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. CONTACT ENGINEER PRIOR TO ORDER OF PLACARD TO VERIFY MAXIMUM FAULT CURRENT.*
2. *LABEL THE FRONT WITH 3M SCOTCHCAL REFLECTIVE DECALS NOTING OWNERSHIP: MOA, PURPOSE: LU (ILLUMINATION) AND THE VOLTAGE.*
3. *PROVIDE ARC FLASH WARNING LABELS WITH INCIDENT ENERGY VALUES AND PERSONAL PROTECTIVE EQUIPMENT (PPE) ON EACH PIECE OF EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.16 AND NFPA 70E.*

RECORD DRAWING

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CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN	CRW BOOK No. 197, 198 & 201
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 69	See MOA Benchmark Book, Page D–22	162.47
CB 7B	See MOA Benchmark Book, Page D–18	161.20

BASIS OF THIS DATUM GAAB 1972 ADJUST

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18–06 42ND AVENUE UPGRADE – PHASE 1 SCHED C
LAKE OTIS PARKWAY TO PIPER STREET

LC–A SCHEDULES AND DETAILS

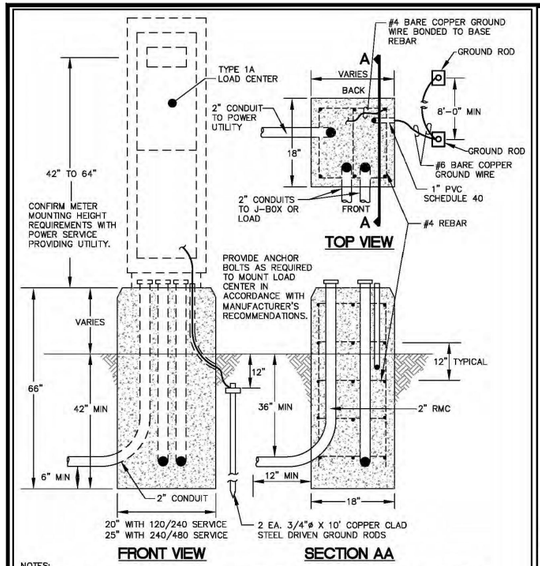
SCALE HOR.
VER.

GRID SW1733, SW1734, SW1735

DATE MARCH 2024 STATUS FINAL

SHEET 15 of 16

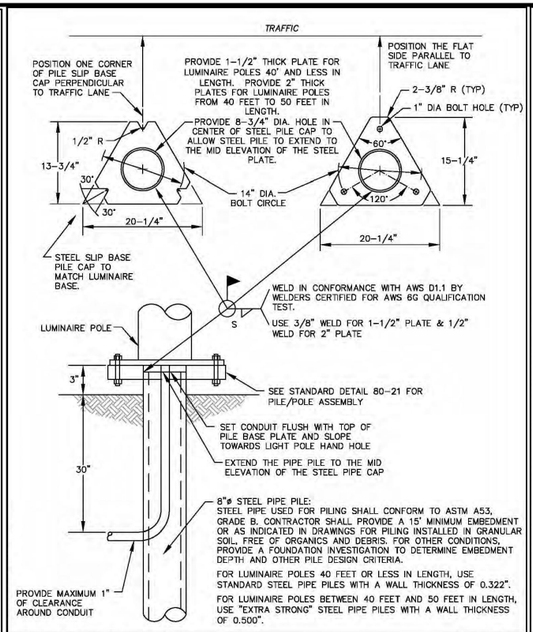
File: J:\Jobs\Data\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination Details – Phase 1.dwg



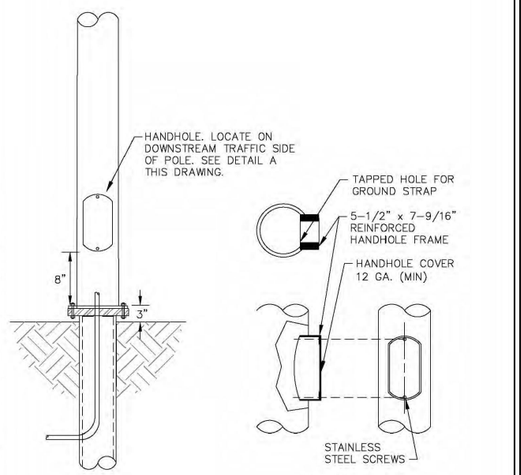
NOTES:

1. ORIENTATION OF CONDUIT SWEEPS IS REPRESENTATIVE. CONTRACTOR SHALL COORDINATE CONDUIT ORIENTATION WITH THE ENGINEER AND UTILITY.
2. PROVIDE NON-FROST SUSCEPTIBLE COMPACTED BACKFILL.
3. INSTALL TYPE 1A OR TYPE 2 JUNCTION BOX ADJACENT TO LOAD CENTER FOUNDATION. JUNCTION BOX SIZE TO BE DETERMINED USING THE LATEST VERSION OF MOA DESIGN CRITERIA MANUAL, CHAPTER 6.

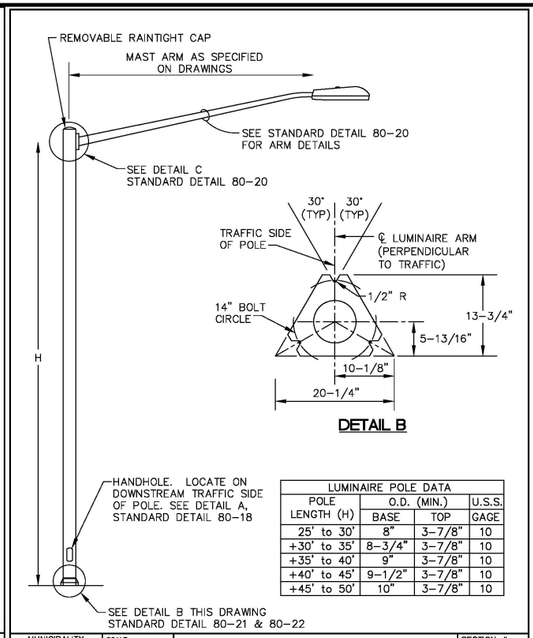
MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 5/08	CONCRETE FOUNDATION LOAD CENTER TYPE 1A	SECTION # 80.04	DETAIL # 80-2



MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 12/09	DRIVEN STEEL PILE LIGHT POLE FOUNDATION	SECTION # 80.04	DETAIL # 80-13

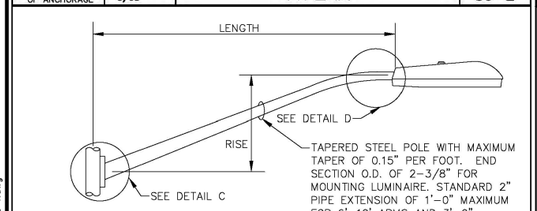


MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 11/14	LUMINAIRE POLE HANDHOLD DETAILS	SECTION # 80.04	DETAIL # 80-14

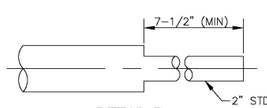


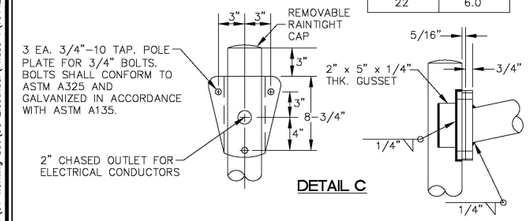
LUMINAIRE POLE DATA			
POLE LENGTH (H)	O.D. (MIN.) BASE	O.D. (MIN.) TOP	U.S.S. GAGE
25' to 30'	8"	3-7/8"	10
+30' to 35'	8-3/4"	3-7/8"	10
+35' to 40'	9"	3-7/8"	10
+40' to 45'	9-1/2"	3-7/8"	10
+45' to 50'	10"	3-7/8"	10

MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 7/08	FLANGE-MOUNTED LUMINAIRE POLE	SECTION # 80.05	DETAIL # 80-19

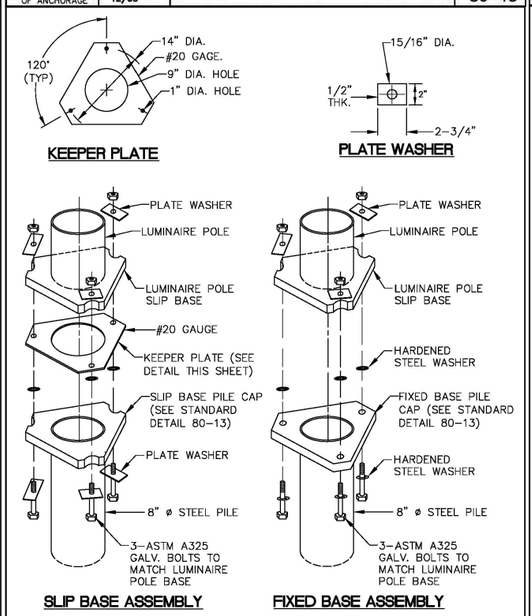


LENGTH	RISE
6'	1.5'
8'	2.2'
10'	2.5'
12'	3.6'
15'	4.3'
22'	6.0'

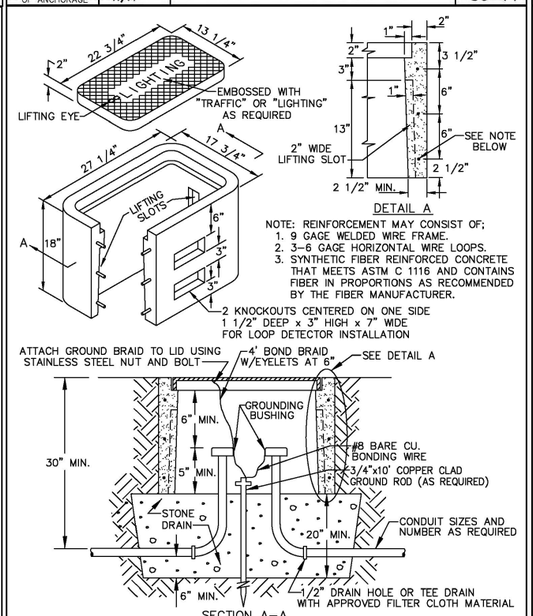




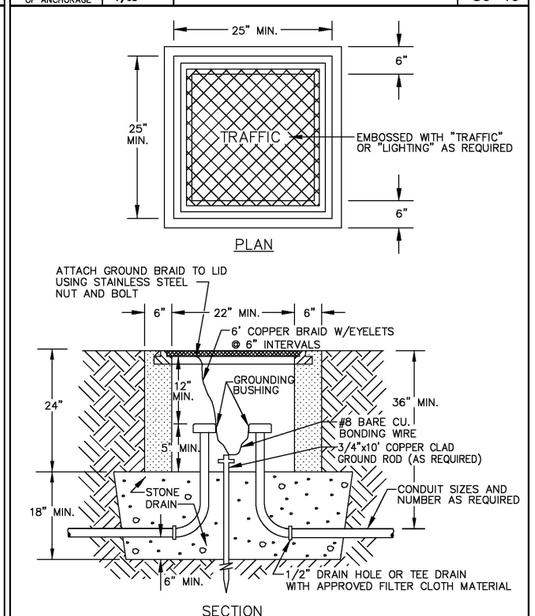
MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 11/14	LUMINAIRE ARM DETAIL	SECTION # 80.05	DETAIL # 80-20



MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 12/09	DRIVEN STEEL PIPE POLE ASSEMBLIES	SECTION # 80.04	DETAIL # 80-21



MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 10/07	TYPE 1A JUNCTION BOX	SECTION # 80.08	DETAIL # 80-31



MUNICIPALITY OF ANCHORAGE	SCALE: NTS	APPROVED:	REVISED: 5/08	TYPE II JUNCTION BOX	SECTION # 80.08	DETAIL # 80-32

SELECT MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICAITONS (MASS) DIVISION 80 ILLUMINATION DETAILS SHOWN FOR REFERENCE.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	AR
TOPOGRAPHY	TS	AR
PROFILE	RB	JK
STORM SEWER	AA	JH
WATER/SANITARY SEWER	AA	JK
GAS	TS	AR
TELEPHONE	TS	AR
ELECTRIC	JH	TK
DESIGN	RB	JK
QUANTITIES	RB	JK
PRELIMINARY/FINAL	RB	JK
MUNICIPAL/STATE	RB	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 197, 198 & 201	GAAB 69	See MOA Benchmark Book, Page D-22	162.47
	CB 7B	See MOA Benchmark Book, Page D-18	161.20
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

18-06 42ND AVENUE UPGRADE – PHASE 1 LAKE OTIS PARKWAY TO PIPER STREET SCHED C

MASS DIVISION 80 ILLUMINATION DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1733, SW1734, SW1735 | DATE MARCH 2024 | STATUS FINAL | SHEET 16 of 16

File:J:\JobsData\10142.00 42nd Avenue Upgrade\00 CADD\01 Working Set\03 Electrical\Phase 1\10142.00 Illumination MASS Details - Phase 1.dwg