

SOLID WASTE TRANSFER FACILITIES  
**CENTRAL TRANSFER FACILITY**

FOR



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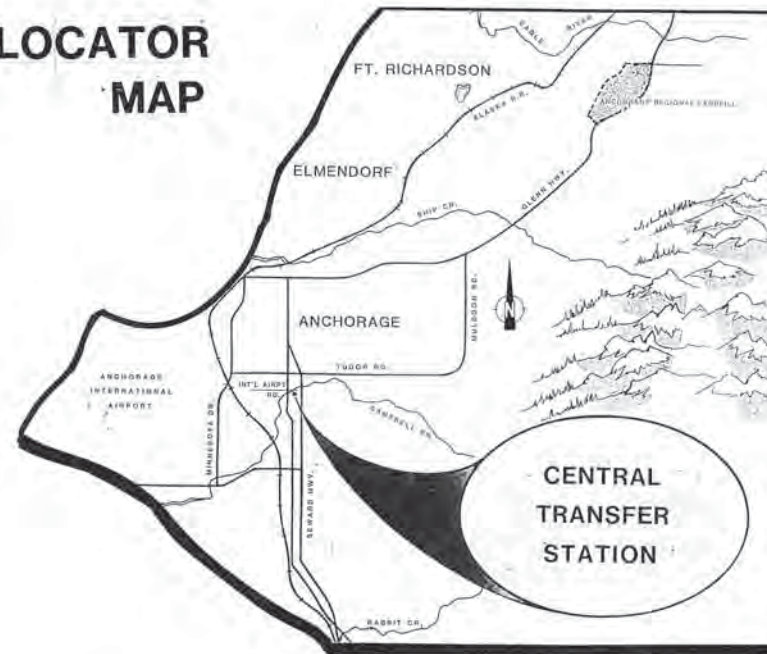
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# LOCATOR MAP



# LEGEND

- CATCH BASIN
- VALVE, EXISTING & NEW
- UTILITY POLE
- MONUMENT
- TEST HOLE
- STORM DRAIN & MANHOLE
- EXISTING & NEW SANITARY SEWER MANHOLE
- EXISTING & NEW FIRE HYDRANT ASSEMBLY
- DETAIL / SECTION
- OVERHEAD ELECTRIC
- SANITARY SEWER
- GAS
- WATER
- TELEPHONE
- FORCE MAIN
- STORM DRAIN
- COLUMN LINE
- PROPERTY LINE
- FENCE
- CLEANOUT
- GUARDRAIL
- SLOPE
- SPOT ELEVATION

# ABBREVIATIONS

<b>A</b>	<b>F</b>	<b>M</b>
AB AIR COND APFD APPROX	FD FDM FE FF FG FIM FIN, GR FL FL (') FT FIG	MAX MECH MFR MH MIN MIN (') MIN MISC MTP
<b>B</b>	<b>G</b>	<b>N</b>
BD BLDG BTU	GA GAL GALV G.I.P. GCM GWS GWC	NO. NFS NFS
<b>C</b>	<b>H</b>	<b>O</b>
CFM CI CIP CJ CL CLD CMU C/O COL CNC CND CNSK CW	HD HEX HP HTR HW	OC OD
<b>D</b>	<b>I</b>	<b>P</b>
DET D.I.P. DIA DIM DS	(") IN INS INSUL	P PL PL PWT
<b>E</b>	<b>J</b>	<b>R</b>
EA EL ELEC ENGR ENGRG EQUIP	JT	RB RD REQD
<b>K</b>	<b>L</b>	<b>S</b>
	LAM LAV	SIM SQ FT STL
		<b>T</b>
		TBC TELE TYP
		<b>W</b>
		W/ WC WD
		<b>N</b>
		NO. Not to scale Non-Frost Susceptible
		<b>O</b>
		On center Outside diameter
		<b>P</b>
		Pump Plate Property Line Pavement
		<b>R</b>
		Rubber Base Roof Drain Required
		<b>S</b>
		Similar Square foot Steel
		<b>T</b>
		Top Back of Curb Telephone Typical
		<b>W</b>
		With Water Closet Wood



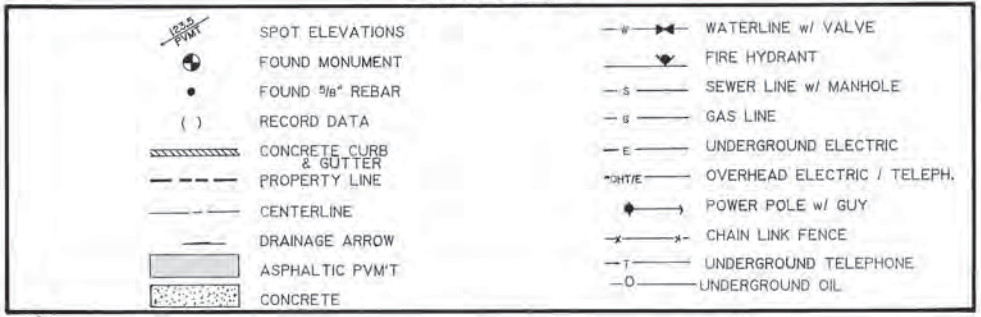
PROJECT NO. 86-010-04  
 DESIGNED : R.L.E.  
 DRAWN : bh  
 CHECKED :  
 DATE : 1-5-87  
 SCALE : NONE

NO. REVISION DATE BY



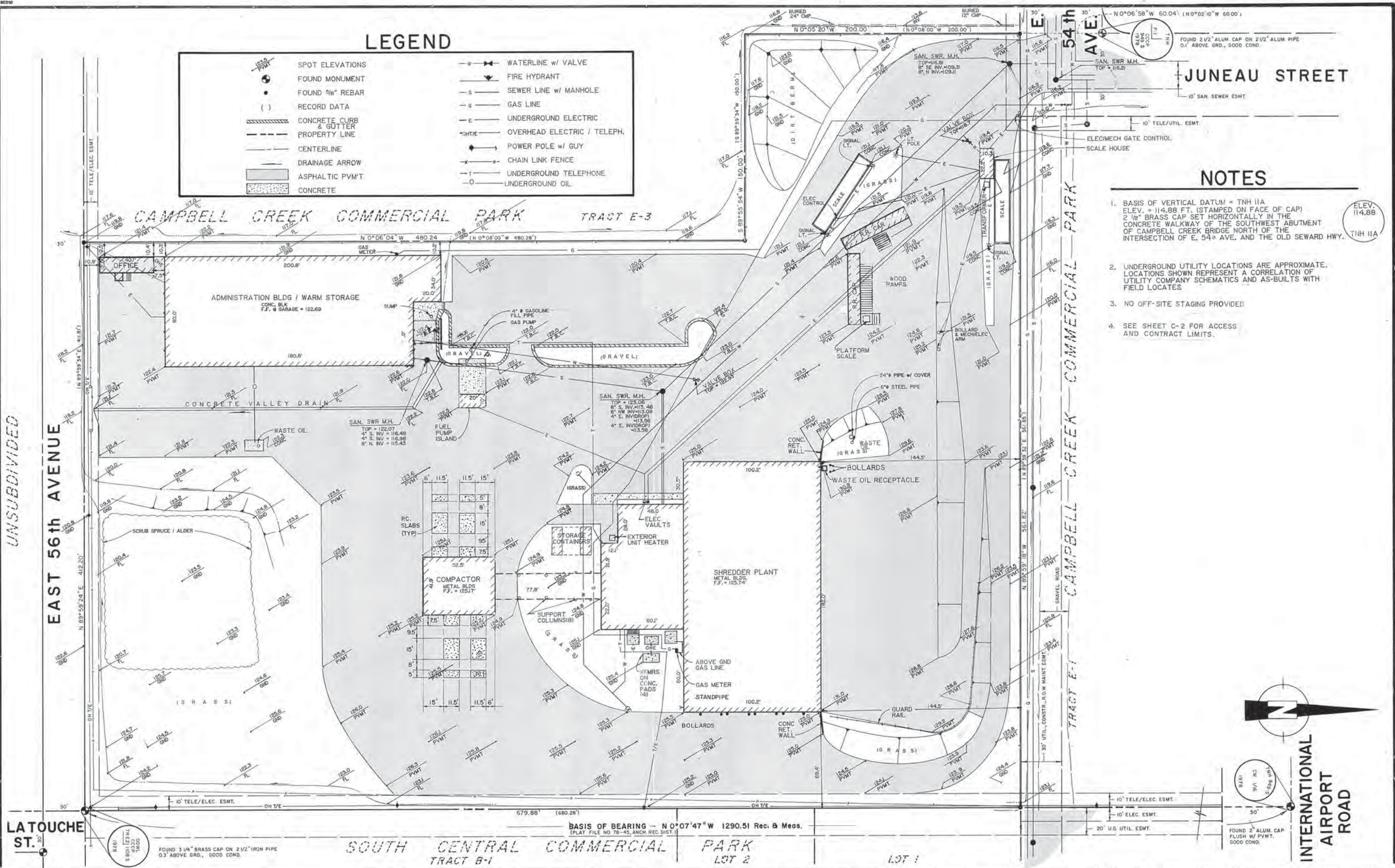
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**INDEX, LEGEND, ABBREVIATIONS**

# LEGEND



# NOTES

1. BASIS OF VERTICAL DATUM = TNH IIA  
ELEV. = 114.88 FT. (STAMPED ON FACE OF CAP)  
2 1/2" BRASS CAP SET HORIZONTALLY IN THE  
CONCRETE WALKWAY OF THE SOUTHWEST ABUTMENT  
OF CAMPBELL CREEK BRIDGE NORTH OF THE  
INTERSECTION OF E. 54th AVE. AND THE OLD SEWARD HWY.
2. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.  
LOCATIONS SHOWN REPRESENT A CORRELATION OF  
UTILITY COMPANY SCHEMATICS AND AS-BUILTS WITH  
FIELD LOCATES
3. NO OFF-SITE STAGING PROVIDED
4. SEE SHEET C-2 FOR ACCESS  
AND CONTRACT LIMITS.



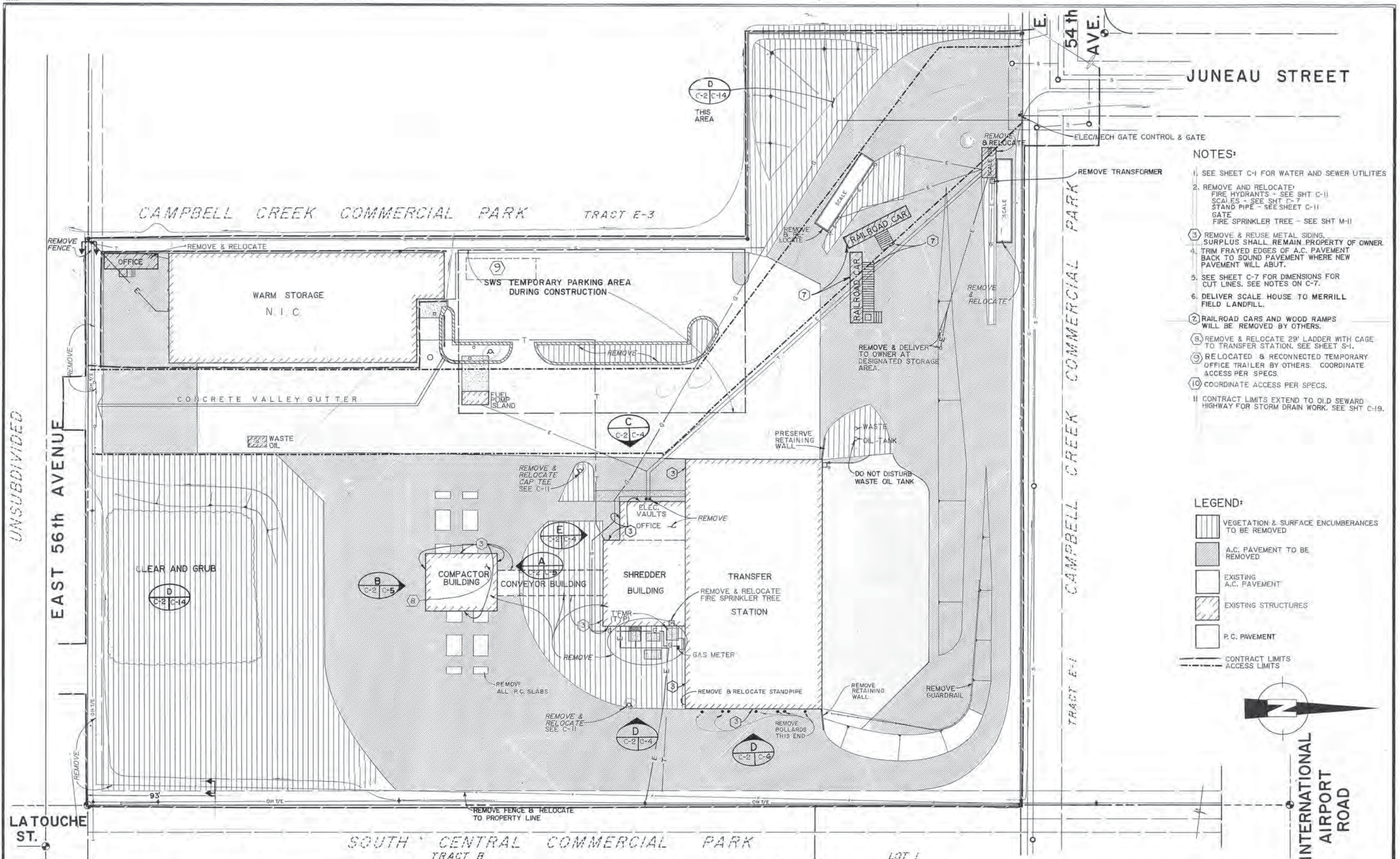
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: G.R.  
DRAWN: G.R., bh  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: 1" = 30'

NO.	REVISION	DATE	BY
1	VARIOUS	12-30-86	R.L.F.

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SITE PLAN, EXISTING - UTILITIES

C-1  
SHEET 2 OF 68



- NOTES:**
1. SEE SHEET C-1 FOR WATER AND SEWER UTILITIES
  2. REMOVE AND RELOCATE:  
FIRE HYDRANTS - SEE SHT C-11  
SCALES - SEE SHT C-7  
STAND PIPE - SEE SHEET C-11  
GATE  
FIRE SPRINKLER TREE - SEE SHT M-11
  3. REMOVE & REUSE METAL SIDING. SURPLUS SHALL REMAIN PROPERTY OF OWNER.
  4. TRIM FRAYED EDGES OF A.C. PAVEMENT BACK TO SOUND PAVEMENT WHERE NEW PAVEMENT WILL ABUT.
  5. SEE SHEET C-7 FOR DIMENSIONS FOR CUT LINES. SEE NOTES ON C-7.
  6. DELIVER SCALE HOUSE TO MERRILL FIELD LANDFILL.
  7. RAILROAD CARS AND WOOD RAMPS WILL BE REMOVED BY OTHERS.
  8. REMOVE & RELOCATE 28' LADDER WITH GATE TO TRANSFER STATION. SEE SHEET S-1.
  9. RELOCATED & RECONNECTED TEMPORARY OFFICE TRAILER BY OTHERS. COORDINATE ACCESS PER SPECS.
  10. COORDINATE ACCESS PER SPECS.
- 11 CONTRACT LIMITS EXTEND TO OLD SEWARD HIGHWAY FOR STORM DRAIN WORK. SEE SHT C-19.

- LEGEND:**
- VEGETATION & SURFACE ENCUMBRANCES TO BE REMOVED
  - A.C. PAVEMENT TO BE REMOVED
  - EXISTING A.C. PAVEMENT
  - EXISTING STRUCTURES
  - P.C. PAVEMENT
  - CONTRACT LIMITS
  - ACCESS LIMITS

UNSUBDIVIDED

CAMPBELL CREEK COMMERCIAL PARK

LATOUCHE ST.

SOUTH CENTRAL COMMERCIAL PARK  
TRACT B

LOT 1

INTERNATIONAL AIRPORT ROAD

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

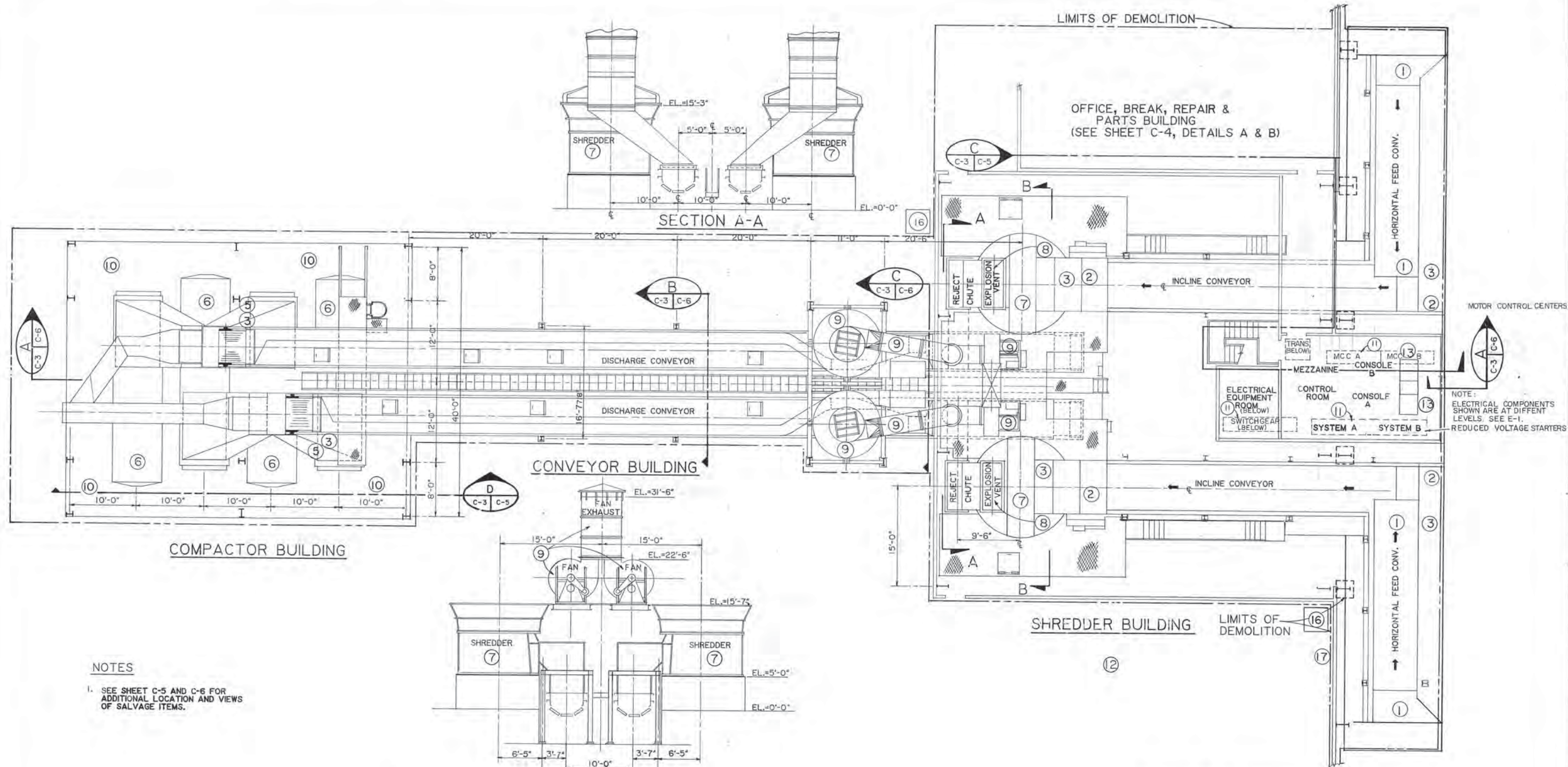
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DESIGNED: R.L.E.  
DRAWN: WISG.R., AKF, bh  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: 1" = 30'

NO.	REVISION	DATE BY



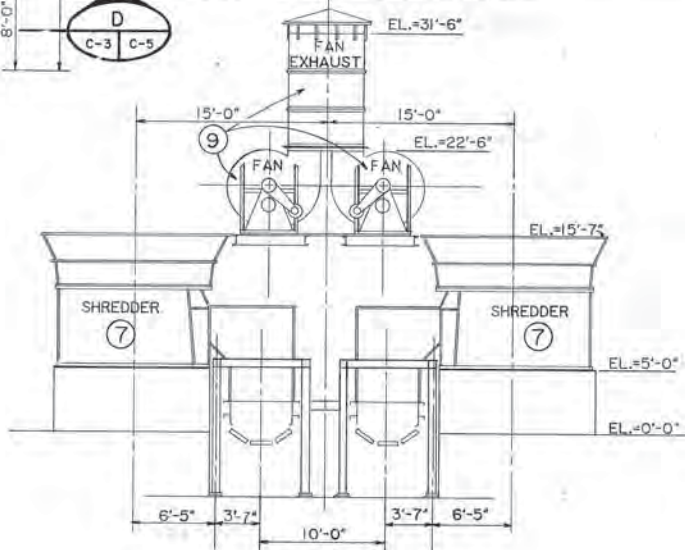
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
DEMOLITION PLAN  
SITE

C-2  
SHEET 3 OF 68



**NOTES**  
 1. SEE SHEET C-5 AND C-6 FOR ADDITIONAL LOCATION AND VIEWS OF SALVAGE ITEMS.

NOTE: ELECTRICAL COMPONENTS SHOWN ARE AT DIFFERENT LEVELS. SEE E-1 REDUCED VOLTAGE STARTERS



A C-3 SHREDDER COMPLEX NTS

**SALVAGE SCHEDULE**

ITEM NO.	TASK DESCRIPTION
1	REMOVE HEAD & TAIL SHAFTS/SPROCKETS HORZ. CONVEYORS
2	REMOVE HEAD & TAIL SHAFTS/SPROCKETS INCLINE CONVEYORS
3	REMOVE GEAR REDUCERS FROM ALL CONVEYORS (HORZ/INCL/DISCH)
4	REMOVE MAGNETIC FERROUS SEPARATOR SYSTEM
5	REMOVE HEAD & TAIL PULLEYS & TAKEUP ROLLER SYS'S/DISCH CONV.
6	REMOVE PACKERS/HYD. ELECTRICAL SYSTEMS
7	REMOVE SHREDDER MOTORS/ROTORS/BEARINGS
8	REMOVE SHREDDER HOUSINGS & EXPLOSION VENTS
9	REMOVE CYCLONE FANS, MOTORS, HOUSINGS & DUCTS
10	REMOVE DIAMONDPLATE FROM UPPER PACKER AREA
11	REMOVE SHREDDER ELECTRICAL CONTROL PANELS
12	REMOVE CAPACITOR BANK
13	REMOVE SHREDDER CONTROL CONSOLE
14	REMOVE OVERHEAD DOOR
15	14' X 18' OVERHEAD DOORS - BOX SMALL PARTS
16	REMOVE EXTERIOR UNIT HEATERS
17	REMOVE AND RELocate GAS METER
18	SEE SHEET E-1 FOR ELECTRICAL SALVAGE ITEMS ELECTRICAL GATE CONTROL SEE SHT C-2.

**ARCTIC ENGINEERS INC.**  
 ANCHORAGE, ALASKA

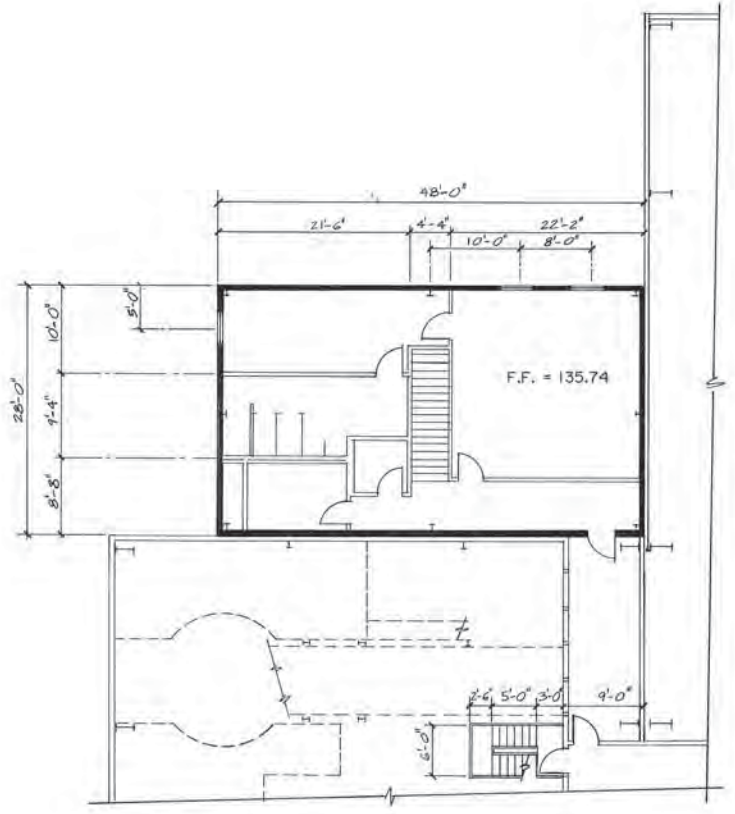
PROJECT NO. 86-010-04  
 DESIGNED: RLE  
 DRAWN: AKF  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: NOT TO SCALE

NO.	REVISION	DATE	BY

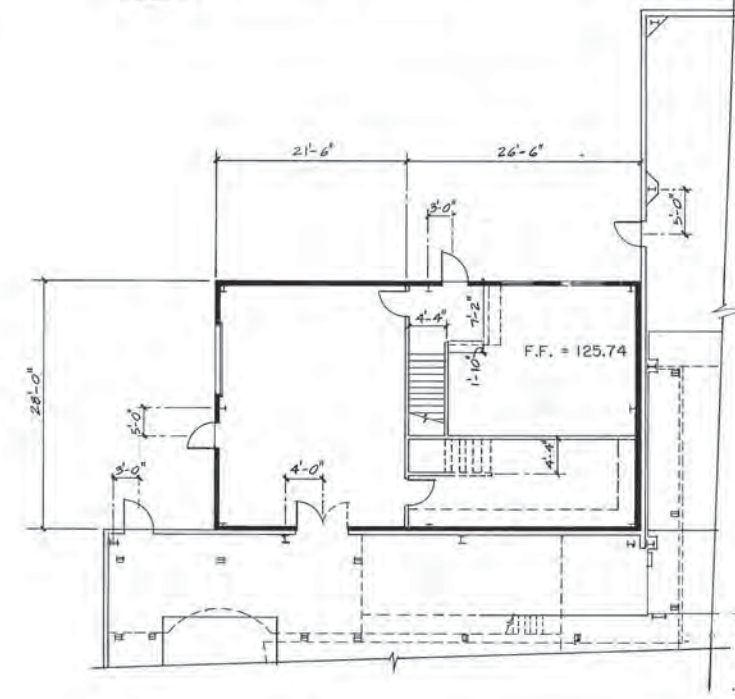


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 DEMOLITION PLAN  
 SHREDDER COMPLEX

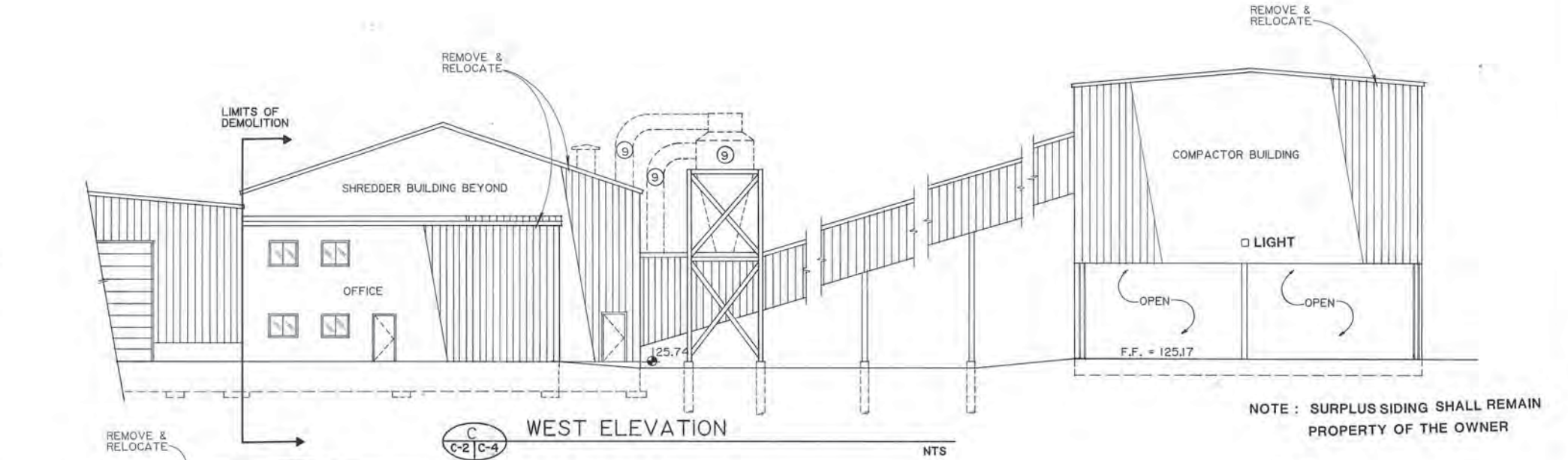
STEP C-4



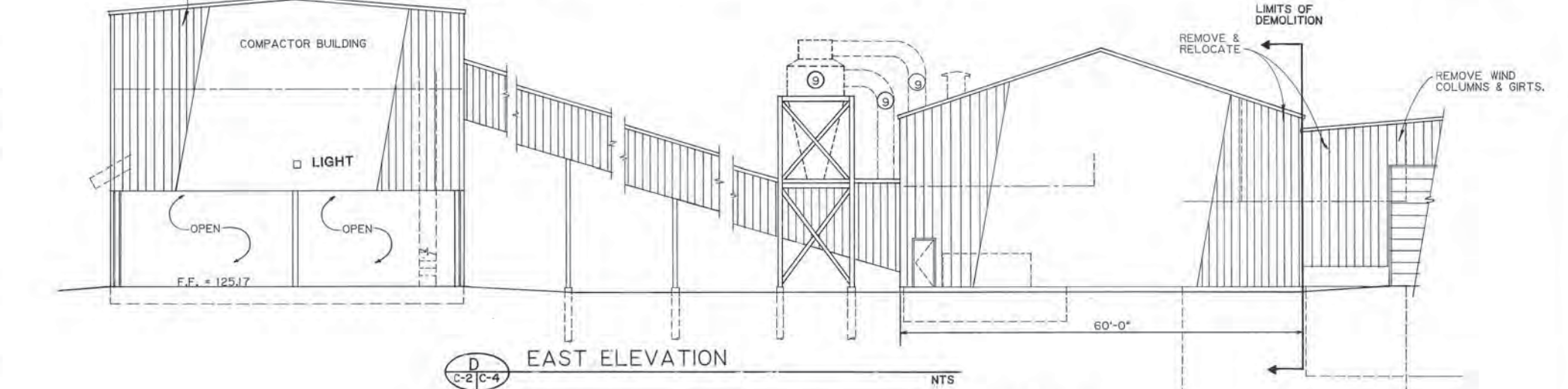
A UPPER FLOOR PLAN NTS



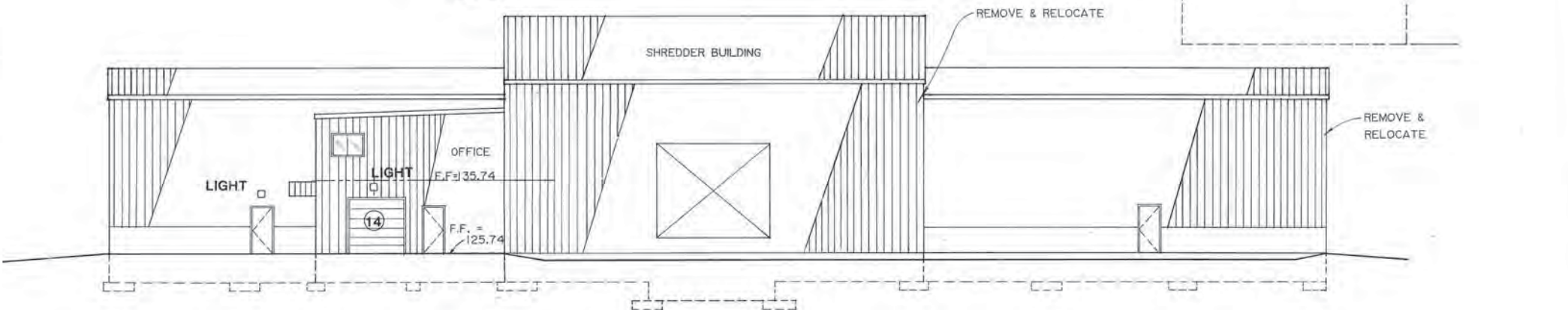
B MAIN FLOOR PLAN NTS



C WEST ELEVATION NTS



D EAST ELEVATION NTS



E SOUTH ELEVATION NTS

NOTE: SURPLUS SIDING SHALL REMAIN PROPERTY OF THE OWNER

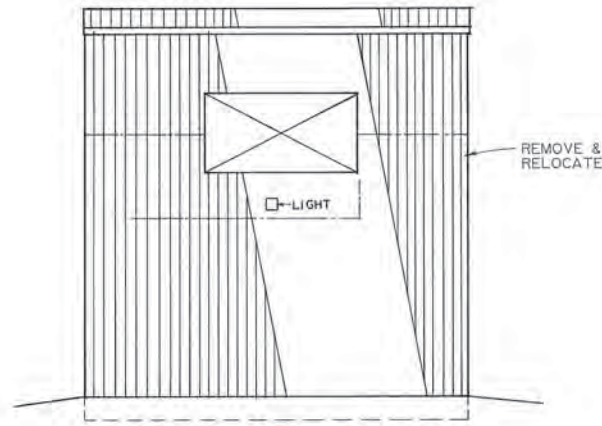
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
 DESIGNED: RLE  
 DRAWN: AKF  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: NOT TO SCALE

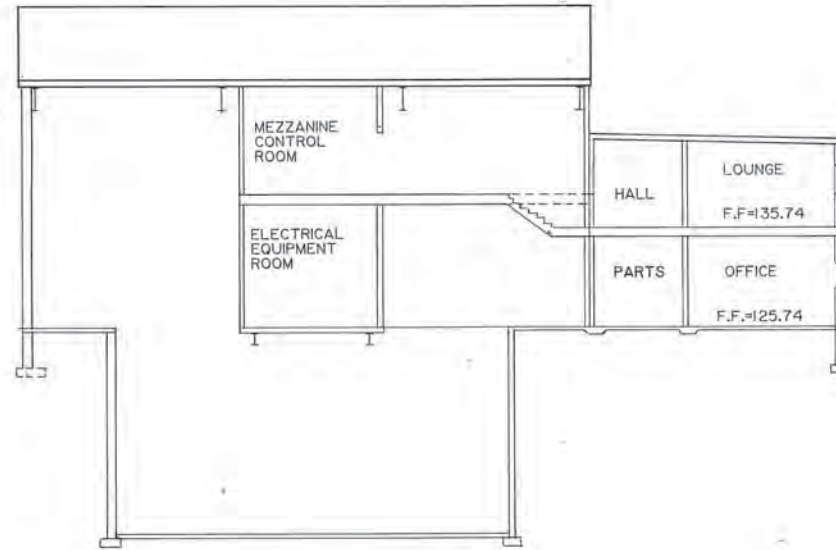
NO.	REVISION	DATE	BY
1	VARIOUS	12-30-86	R.L.E.



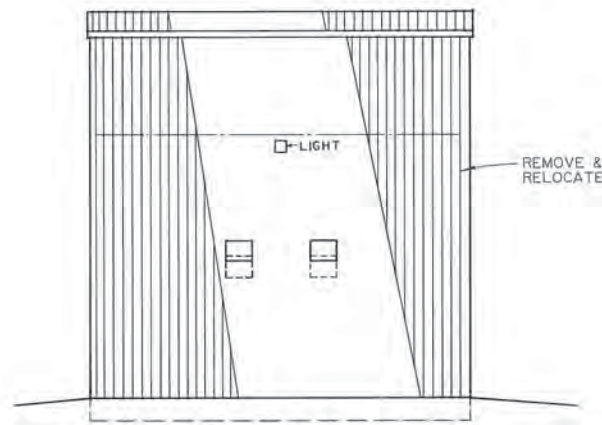
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 DEMOLITION PLAN  
 FLOOR PLANS & ELEVATIONS



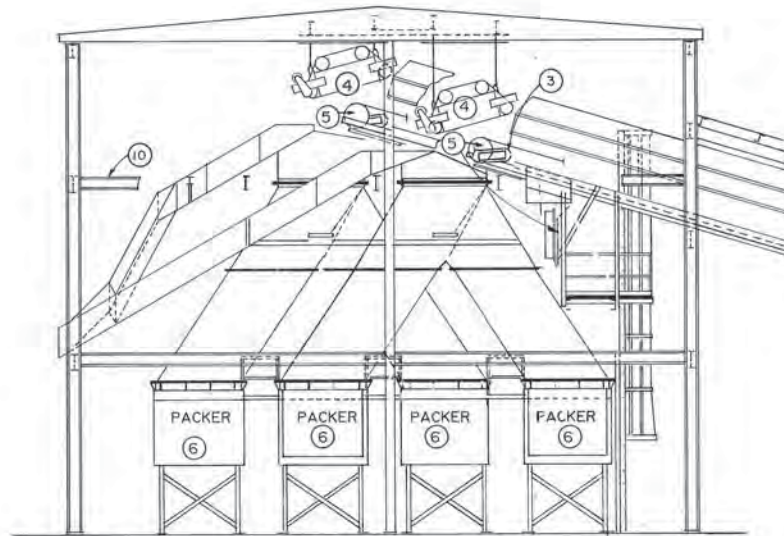
**A** NORTH COMPACTOR ELEVATION  
C-2 | C-5 NTS



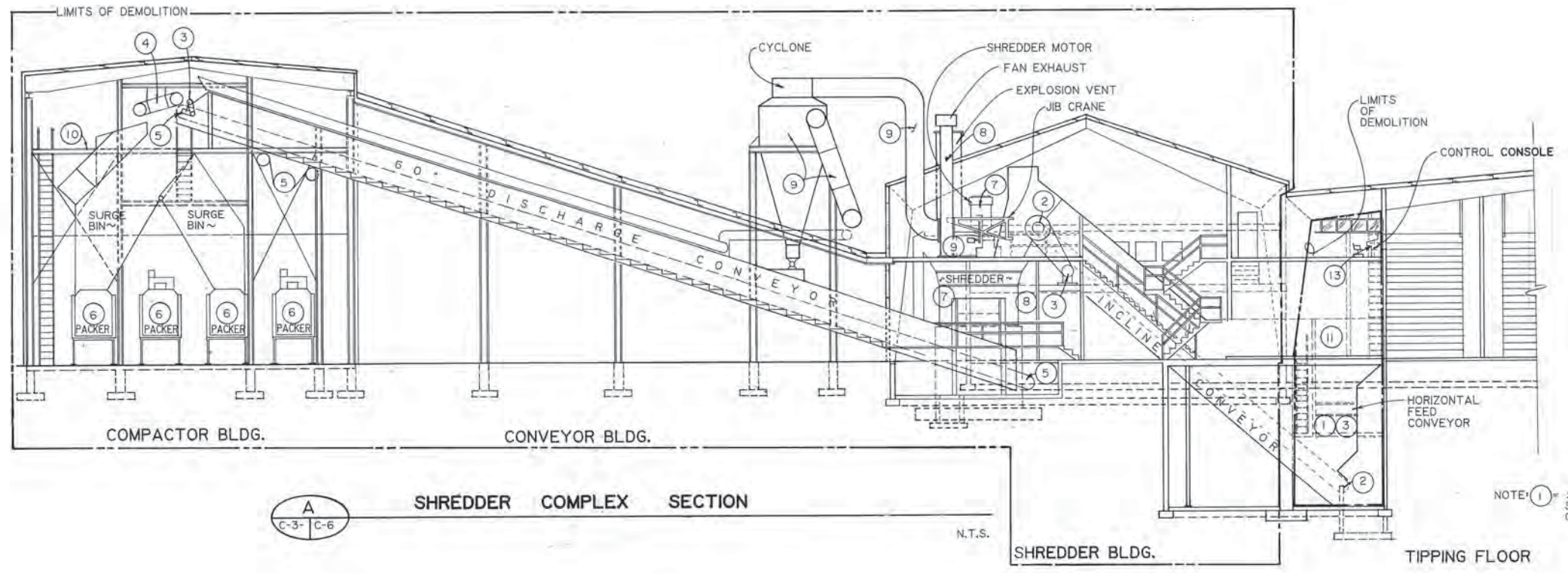
**C** BUILDING SECTION  
C-3 | C-5 NTS



**B** SOUTH COMPACTOR ELEVATION  
C-2 | C-5 NTS

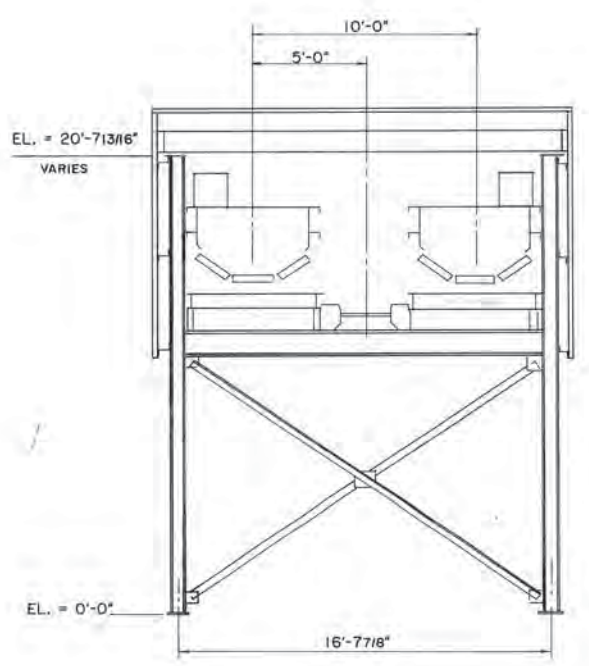


**D** MAGNETIC FERROUS SEPARATOR SYSTEM  
C-3 | C-5 NTS

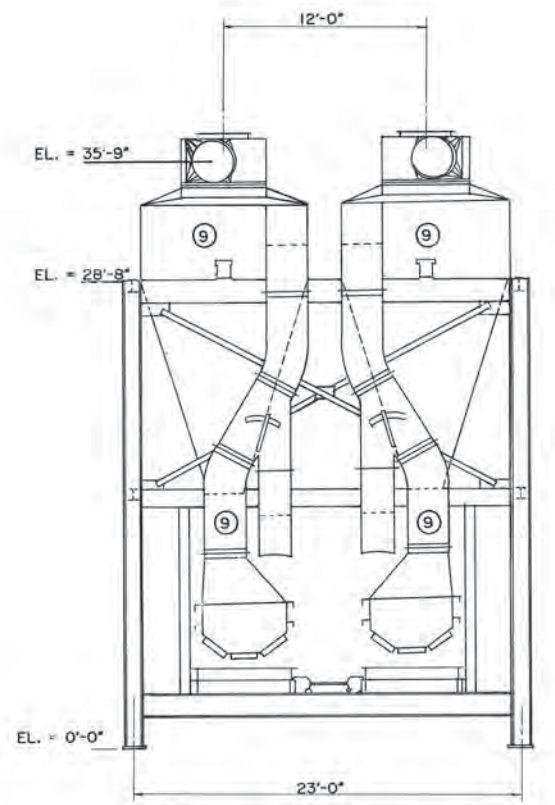


**A** SHREDDER COMPLEX SECTION  
C-3 | C-6 N.T.S.

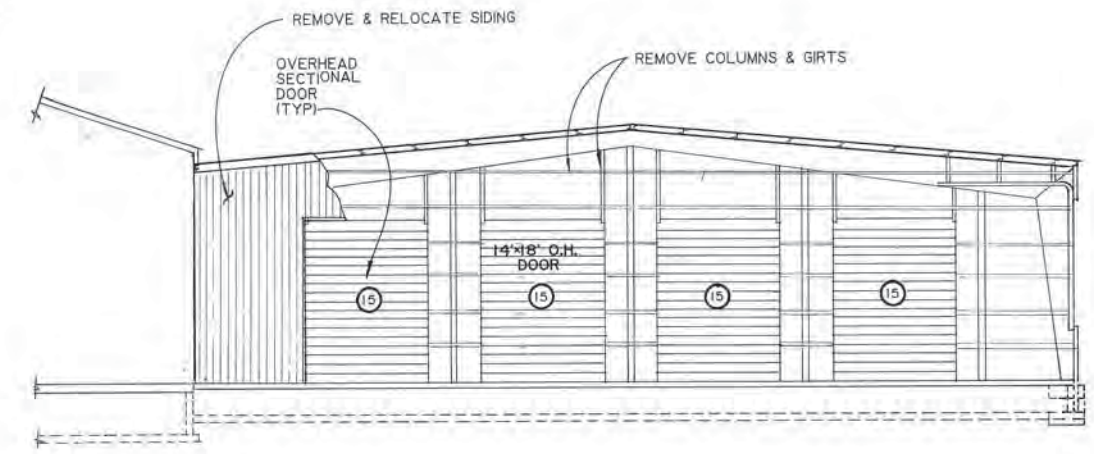
NOTE: ① SALVAGE ITEM. SEE SALVAGE SCHEDULE ON SHEET C-3.



**B** DISCHARGE CONVEYOR SECTION  
C-3 | C-6 N.T.S.



**C** CYCLONE SECTION  
C-3 | C-6 N.T.S.



**D** EAST ELEVATION - TIPPING FLOOR  
C-2 | C-6 SCALE: 1" = 10.0'

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

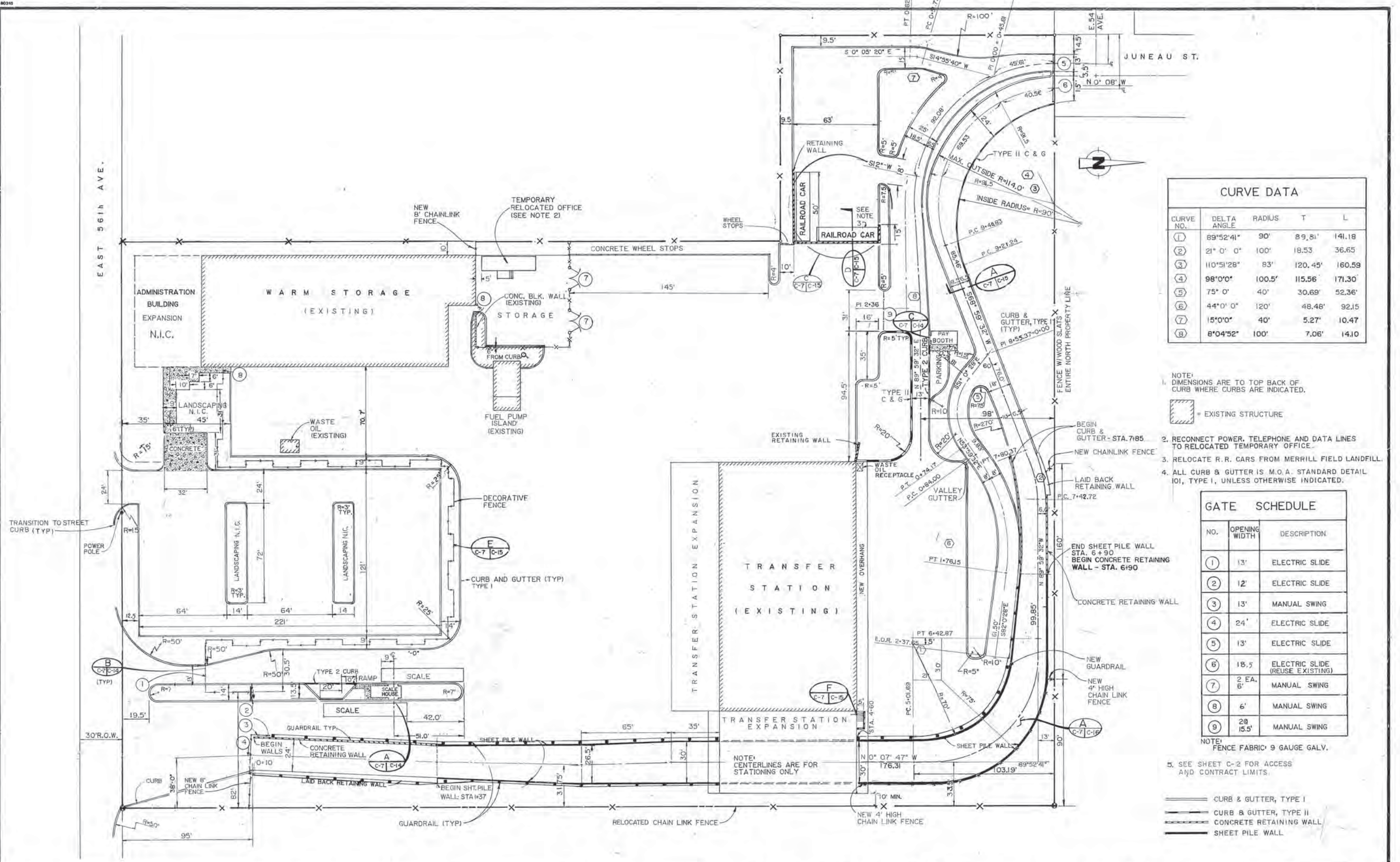
PROJECT NO. 86-010-04  
DESIGNED: RLE  
DRAWN: VMS, AKF, bh  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY
1	VARIOUS	12-30-86	RLE



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**ELEVATIONS AND SECTIONS**  
SHREDDER COMPLEX





CURVE DATA				
CURVE NO.	DELTA ANGLE	RADIUS	T	L
①	89°52'41"	90'	89.81'	141.18
②	21° 0' 0"	100'	18.53	36.65
③	110°51'28"	83'	120.45'	160.59
④	98°0'0"	100.5'	115.56'	171.30'
⑤	75° 0' 0"	40'	30.69'	52.36'
⑥	44°0' 0"	120'	48.48'	92.15
⑦	15°0'0"	40'	5.27'	10.47
⑧	8°04'52"	100'	7.06'	14.10

- NOTE:  
1. DIMENSIONS ARE TO TOP BACK OF CURB WHERE CURBS ARE INDICATED.
2. RECONNECT POWER, TELEPHONE AND DATA LINES TO RELOCATED TEMPORARY OFFICE.
3. RELOCATE R.R. CARS FROM MERRILL FIELD LANDFILL.
4. ALL CURB & GUTTER IS M.O.A. STANDARD DETAIL 101, TYPE I, UNLESS OTHERWISE INDICATED.

GATE SCHEDULE		
NO.	OPENING WIDTH	DESCRIPTION
①	13'	ELECTRIC SLIDE
②	12'	ELECTRIC SLIDE
③	13'	MANUAL SWING
④	24'	ELECTRIC SLIDE
⑤	13'	ELECTRIC SLIDE
⑥	18.5'	ELECTRIC SLIDE (REUSE EXISTING)
⑦	2 EA. 6'	MANUAL SWING
⑧	6'	MANUAL SWING
⑨	2@ 15.5'	MANUAL SWING

- NOTE:  
FENCE FABRIC: 9 GAUGE GALV.
5. SEE SHEET C-2 FOR ACCESS AND CONTRACT LIMITS.
- CURB & GUTTER, TYPE I
  - CURB & GUTTER, TYPE II
  - CONCRETE RETAINING WALL
  - SHEET PILE WALL

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED BY: RLE  
DRAWN BY: VMS, bh, AKF  
CHECKED BY: [blank]  
DATE: JAN. 20, 1987  
SCALE: 1" = 30'

NO.	REVISION	DATE	BY
1	VARIOUS	12-30-86	R.L.E.



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SITE PLAN - NEW

86 EL. 125.70  
 SANDY SILT  
 TH SOME FEAT 0.5' (6.2% ORGANICS)  
 BROWN, Seasonal Frost 3.5-4.5'  
 12.3% ML, F-4  
 7.0'  
 J WITH SAND LENSES (TO 6" THICK)  
 SEE GRAVEL, GRAY  
 11.5'

86 EL. 125.67  
 SANDY GRAVEL WITH TRACE  
 SILT  
 Brown, moist  
 Seasonal Frost 4.5-6.5'  
 CLAYEY SILT W/TRACE SAND AND  
 GRAVEL  
 GRAY  
 P.L. 18.4, L.L. 27.4, P.I. 9, C.L., F-4  
 13.0'  
 3, 15.7% SM  
 SAND WITH SILT LAYERS  
 GRAY  
 26.5'  
 3, ML, F-4

TH 2  
 5-15-86 EL. 125.72  
 SANDY GRAVEL WITH SOME SILT  
 Brown, moist  
 Seasonal Frost 4.0-6.5'  
 ① 16 SILT WITH TRACE SAND  
 Gray with brown iron stain at 4-6'  
 9.5'  
 ② 25, ML, F-4  
 SILTY SAND WITH TRACE GRAVEL  
 Interbedded with silt layers to 1" thick  
 Gray  
 20'  
 Gravelly below 15'  
 ④ 83  
 21.0'  
 \*GROUNDWATER NOTED AT 3', PERCHED  
 ON UNDERLYING SILT

TH 8  
 5-16-86 EL. 126.41  
 SANDY GRAVEL WITH TRACE  
 SILT  
 Brown, moist  
 Seasonal Frost 4.0-7.0'  
 ① 33, 15.5% ML, F-4  
 SILT WITH TRACE SAND AND  
 GRAVEL  
 GRAY  
 9.0'  
 ② 20, ML, Non-Plastic  
 SAND WITH TRACE TO SOME  
 SILT (IN LAYERS)  
 GRAY  
 ③ 11  
 18.0'  
 SANDY GRAVEL WITH TRACE  
 SILT GRAY  
 ④ 83, SM, Non-Plastic  
 20.5'

TH 3  
 5-15-86 EL. 127.04  
 SILTY SAND WITH TRACE GRAVEL  
 Brown, Seasonal Frost 3.5-4.6'  
 Siltier with Depth  
 ① 7, 18.9% ML, F-4  
 7.5'  
 SILT WITH SAND LAYERS  
 ② 10, ML, F-4, Non-Plastic  
 11.5'

TH 9  
 5-16-86 EL. 122.15  
 SANDY GRAVEL WITH TRACE  
 TO SOME SILT  
 Brown, siltier with Depth  
 ① 22, ML, F-4  
 Seasonal Frost 4.0-6.5'  
 4.5'  
 ② 7, 14.6% ML, F-4  
 SILT WITH TRACE SAND AND  
 GRAVEL  
 GRAY  
 ③ 10  
 19.5'  
 SAND W/SOME GRAVEL,  
 TRACE SILT, GRAY, Saturated  
 ④ 16  
 20.5'

TH 4  
 5-15-86 EL. 123.08  
 GRAVELLY SAND WITH SOME SILT,  
 Scattered Cobbles  
 Brown, Seasonal Frost 4.5-6.5'  
 ① 28, SM  
 7.0'  
 ② 7, 13.9% PL. 16.8, LL. 21.6, ML-CL, F-4  
 SILT WITH SOME SAND, TRACE  
 GRAVEL AND CLAY  
 GRAY  
 ③ 1  
 ④ 20  
 21.0'

TH 10  
 5-16-86 EL. 122.06  
 SANDY GRAVEL WITH TRACE  
 TO SOME SILT  
 Brown, Seasonal Frost 4.5-6.5'  
 ① GP, GM  
 ② 22  
 3.0'  
 ③ 6, 21.3% ML, F-4  
 SILT WITH TRACE SAND AND  
 GRAVEL  
 GRAY-BROWN  
 ④ 10  
 18.5'  
 SANDY GRAVEL GRAY, GP, GM  
 ④ 13  
 20.5'

TH 5  
 5-15-86 EL. 124.48  
 SAND WITH SOME SILT  
 Brown Non-Plastic  
 ① 14, 23.6% SM  
 ② 23  
 13.0'  
 ③ 9  
 CLAYEY SILT WITH TRACE SAND  
 AND GRAVEL  
 GRAY  
 ④ 12  
 20.5'

TH 11  
 5-16-86 EL. 123.02  
 SANDY GRAVEL WITH TRACE SILT  
 Brown, moist  
 Seasonal Frost 3.5-6.0'  
 ① 5, 18.9% ML  
 SILT W/TRACE SAND AND GRAVEL  
 W/SATURATED SAND LAYERS TO 6"  
 ② 13 THICK, GRAY  
 ③ 8  
 CLAYEY 15-20'  
 ④ 16, 21.1% PL. 21.6, LL. 28.4, P.I. 6.8,  
 ML-CL, F-4  
 ⑤ 15, ML, F-4, Non-Plastic  
 30'  
 ⑥ 12 SILT W/TRACE SAND, W/SATURATED  
 SAND LAYERS TO 6" THICK,  
 GRAY  
 34'  
 ⑦ 23, 8.4% GM  
 SANDY GRAVEL W/SOME SILT,  
 GRAY  
 ⑧ 12  
 ① Refusal, SM, Non-Plastic  
 52.5'

TH 6  
 5-16-86  
 SANDY GRAVEL  
 SILT  
 Brown, wet  
 SAND WITH SOME  
 GRAY, Seasonal Frost  
 ① 8, ML, F-4  
 SILT WITH SOME  
 GRAVEL  
 GRAY, Local 1/2  
 of saturated  
 ② 10  
 ③ 26, SM, Non-Plastic  
 SAND WITH T  
 GRAY, WITH CLAY  
 below 17'  
 ④ 14  
 SILT WITH SAND  
 ⑤ 18

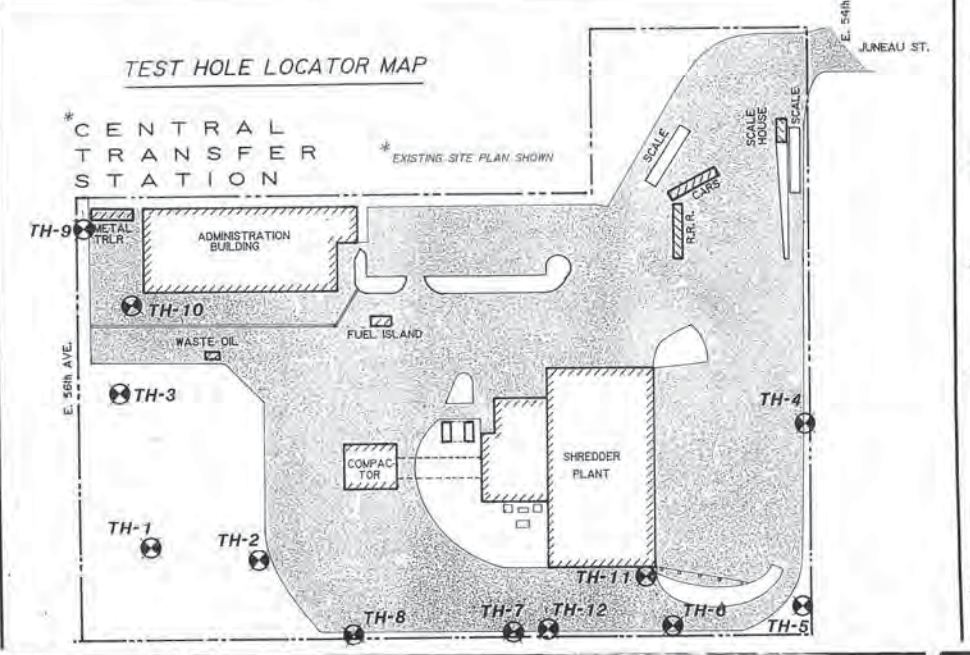
TH 12  
 5-17-86  
 SANDY GRA  
 SILT  
 Brown  
 ① 6 SILTIER WITH  
 Seasonal Frost  
 ② 20, ML, F-4  
 SILT W/TRA  
 GRAVEL, W  
 saturated s  
 GRAY  
 ③ 9  
 CLAYEY ZON  
 ④ 17, 19.7% PL. 2  
 ML-CL, F-4  
 ⑤ 11, 27.2% ML  
 SANDY GRA  
 GRAY  
 SANDY GRA  
 GRAY  
 ⑥ 29, 9.4% SM  
 ① Refusal

**KEY**

WATER TABLE WHILE DRILLING  
 PLASTIC LIMIT  
 LIQUID LIMIT  
 SPLIT SPOON SAMPLE  
 PLASTIC INDEX

1, P.L. 18.4, L.L. 27.4, P.I. 9, C.L., F-4

RELATIVE DENSITY	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX	UNIFIED SOIL CLASSIFICATION	FROST CLASSIFICATION
EXAMPLE					



PROJECT NO. 85-010-04  
 DESIGNED: RLE  
 DRAWN: bh  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: N.T.S.

NO.	REVISION	DATE	BY

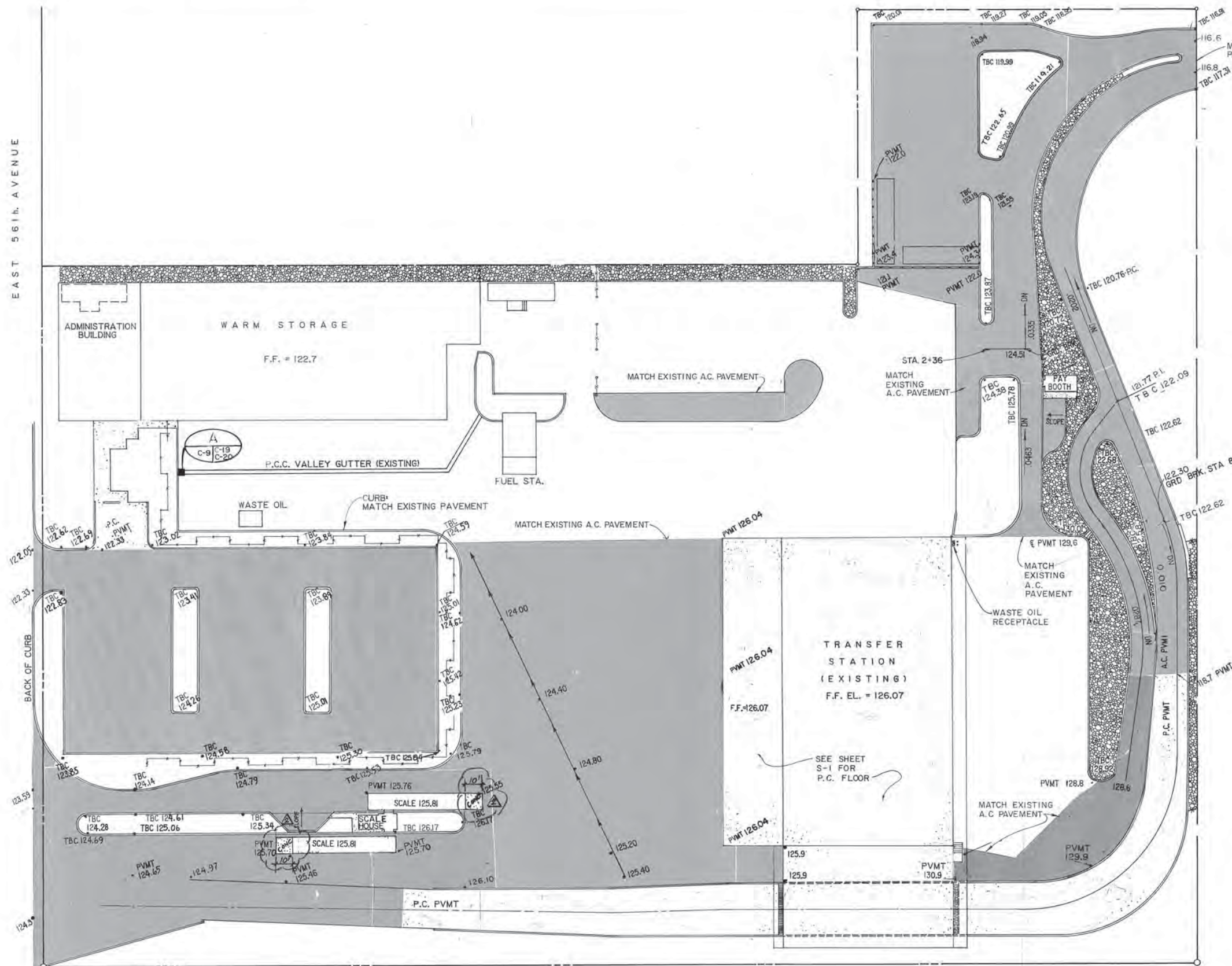
MUNICIPALITY OF ANCHORAGE  
 SOLID WASTE SERVICES

*Barney Elford*

SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 BORING LOGS

Cont. Transfer Site  
Paving plan  
C-9

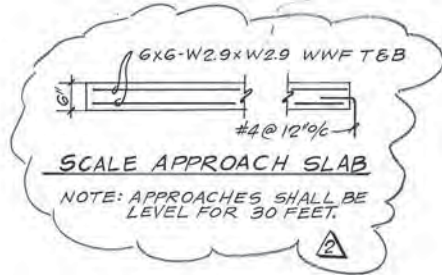
EAST 561<sup>st</sup> AVENUE



SEE SHEET C-2 FOR ACCESS AND CONTRACT LIMITS.

NOTE: ALL A.C. PAVEMENT SHALL BE M.A.S.S., CLASS C, 2 INCHES THICK

- NEW A.C. PAVING
- NEW P.C. PAVING
- EXISTING PAVEMENT/LANDSCAPING AREAS
- COBBLES



**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

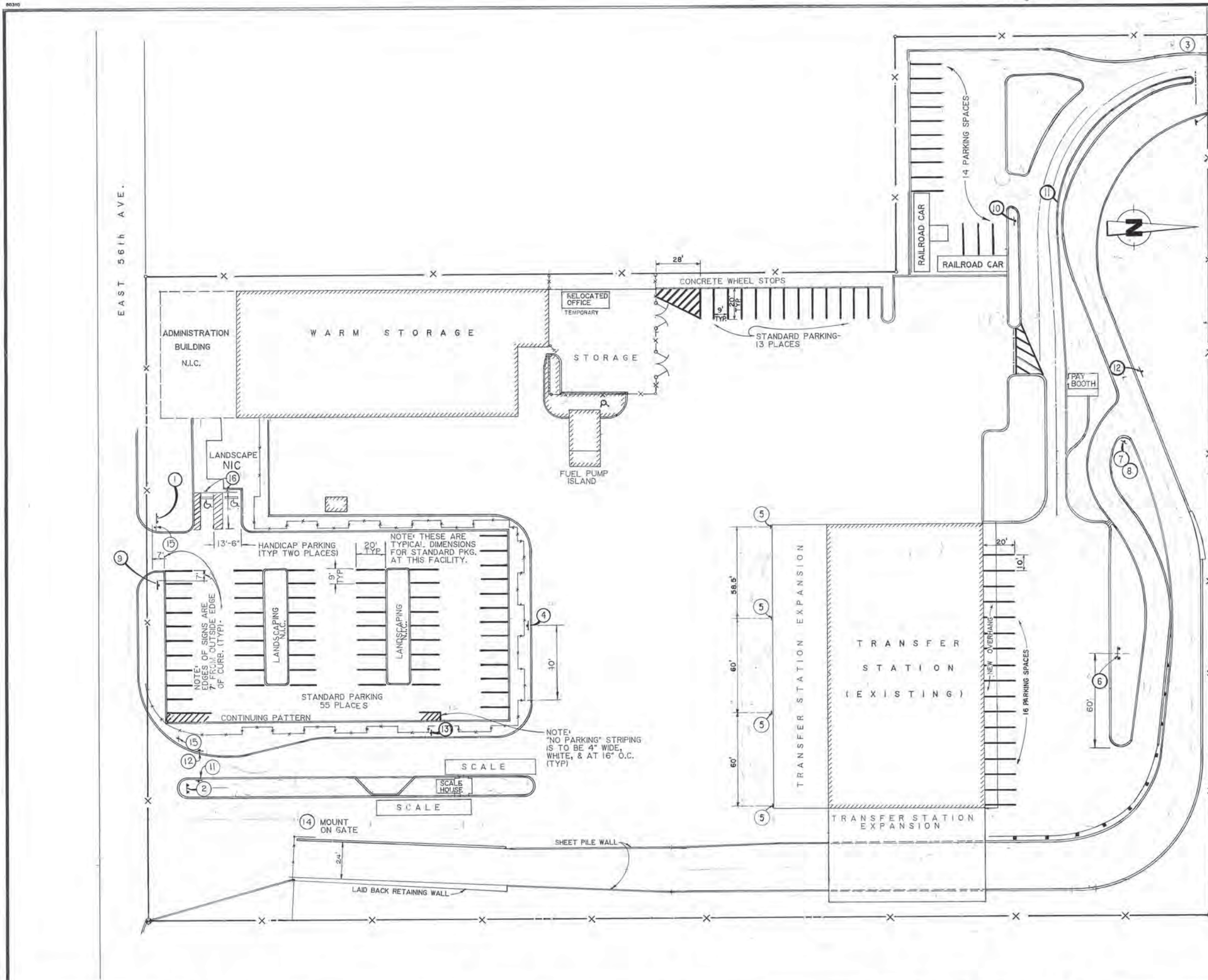
PROJECT NO. 86-010-04  
DESIGNED: RLE  
DRAWN: WAP, KLA  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: 1" = 30'

NO.	REVISION	DATE	BY
1	PC APPROACH SLAB	2-27-87	RLE
	ELEVATIONS	12-30-86	R.L.E.



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**PAVING PLAN**

C-9  
SHEET 10 OF 68



SIGN SCHEDULE					
NUMBER	QUANTITY	SHAPE HORIZ. x VERT.	SIZE HORIZ. x VERTICAL	COLORS LETTERS/ BACKGROUND	MESSAGE
1	1	Rect.	60"x48"	White/Green	MCA SOLID WASTE SERVICES MAIN OFFICES CUSTOMER SERVICES HOURS: 8:00 AM-4:00 PM PHONE: 561-1906 (SWS) 1111 E. 56TH AVE. (MCA)
2	2	Rect.	60"x60"	White/Green	CENTRAL TRANSFER STATION COMMERCIAL VEHICLES ONLY OPEN: MON. - SAT. 7:00 - 5:00 PHONE: 561-1906 CARS & PICKUPS ENTER AT 54TH & JUNEAU (MCA)
3	1	Rect.	60"x60"	White/Green	CENTRAL TRANSFER STATION CAR & PICKUP ENTRANCE OPEN: MON. - SAT. 7:00 - 5:00 PHONE: 561-1906 COMMERCIAL VEHICLES ENTER ON 56TH AVENUE (MCA)
4	1	Rect.	36"x24"	Black/Yellow	EXIT TO SCALE
5	4	Rect.	24"x36"	Black/White Red/White	VEHICLES MUST BACK IN ONLY
6	1	Rect.	24"x12"	Black/Yellow	EXIT
7	1				AK DOT/FF SIGN NO. R1-2, CLASS S SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-2 YIELD
8	1				AK DOT/FF SIGN NO. W3-3A, CLASS S SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 2-19 PARKING
9	1				AK DOT/FF SIGN NO. D9-14, CLASS T SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 3-102.
10	1				AK DOT/FF SIGN NO. R3-2 SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-7. NO LEFT TURN
11	1				AK DOT/FF SIGN NO. R6-1(R) SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-52. ONE WAY
12	1				AK DOT/FF SIGN NO. R6-1(L) SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-52. ONE WAY
13	1				AK DOT/FF SIGN NO. W4-2R SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 2-20. MERGE
14	2				AK DOT/FF SIGN NO. D9-14, CLASS T. SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 3-102. CLOSED
15	1				AK DOT/FF SIGN NO. R1-1. SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-1. STOP
16	2				AK DOT/FF SIGN NO. R7-BRL SEE AK DOT/FF SIGN DESIGN SPECS. PAGE 1-67. RESERVED PARKING (SYMBOL)

NOTES: 1. SEE SHEET C-2 FOR ACCESS AND CONTRACT LIMITS  
2. SIGNS SHALL CONFORM TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

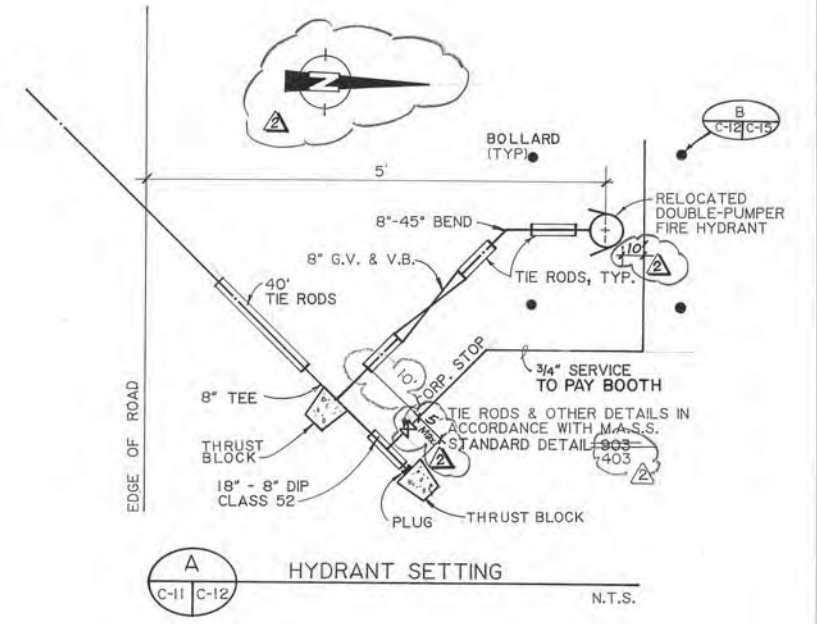
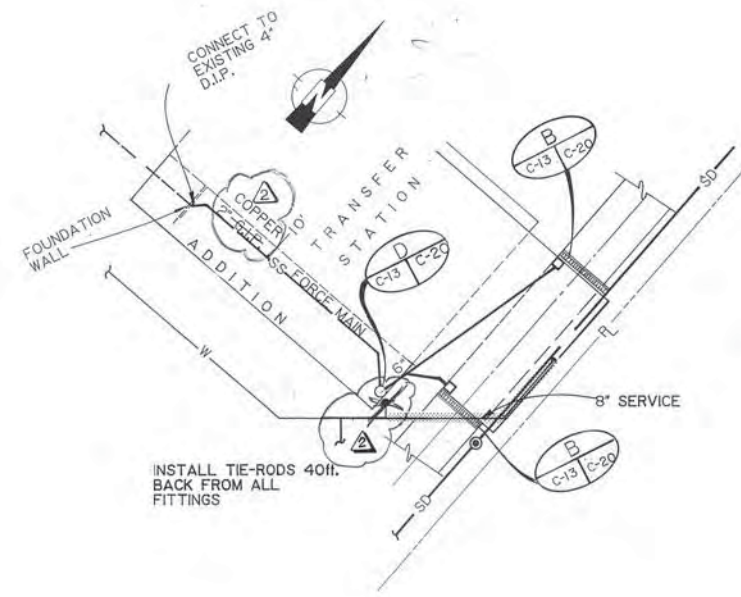
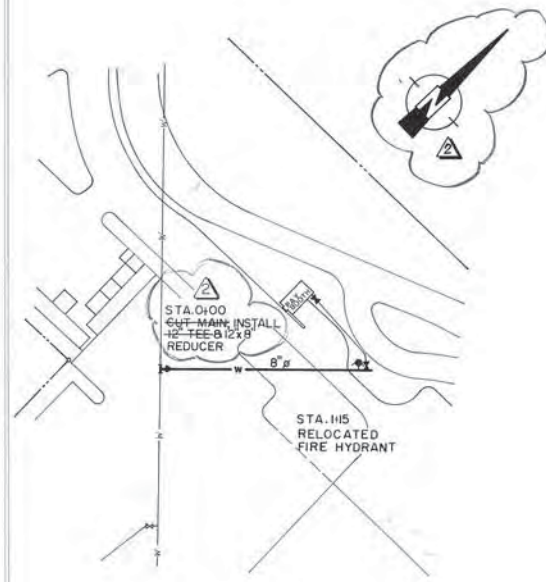
PROJECT NO. 86-010-04  
DESIGNED :  
DRAWN : bh, AKF  
CHECKED :  
DATE : JAN. 20, 1987  
SCALE : 1" = 30'

NO.	REVISION	DATE BY
1	VARIOUS	12-30-86 R.L.E.

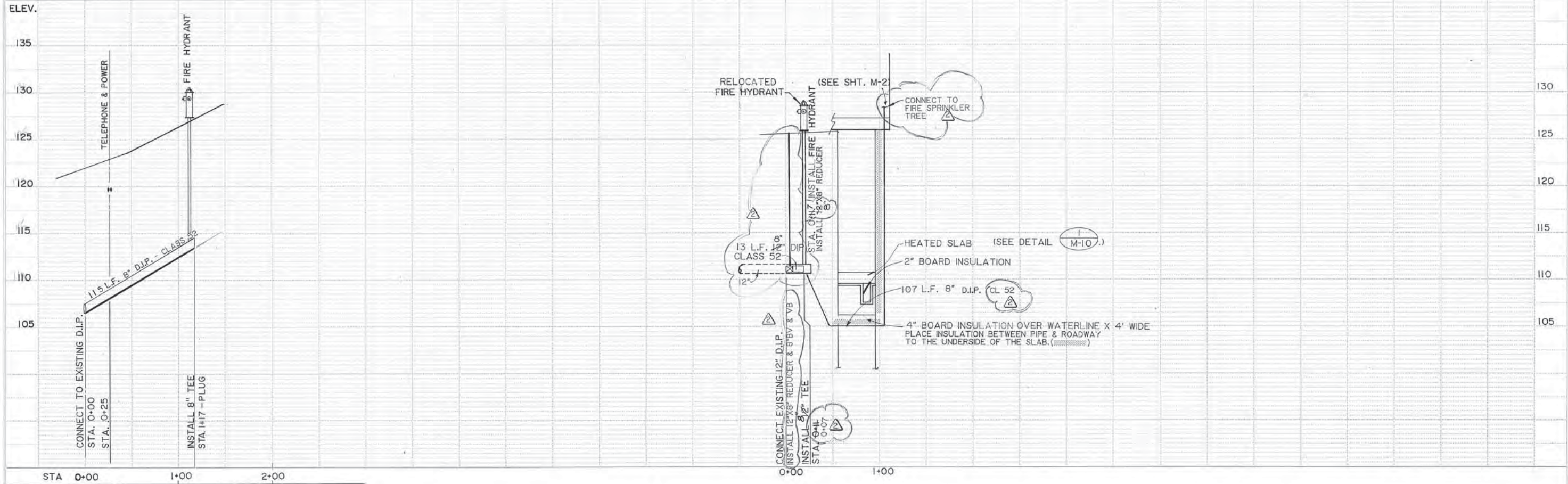


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
TRAFFIC SIGNS, STRIPING PLAN





NOTE: SEE SHEET C-11 FOR WATER LINE PLAN VIEW.



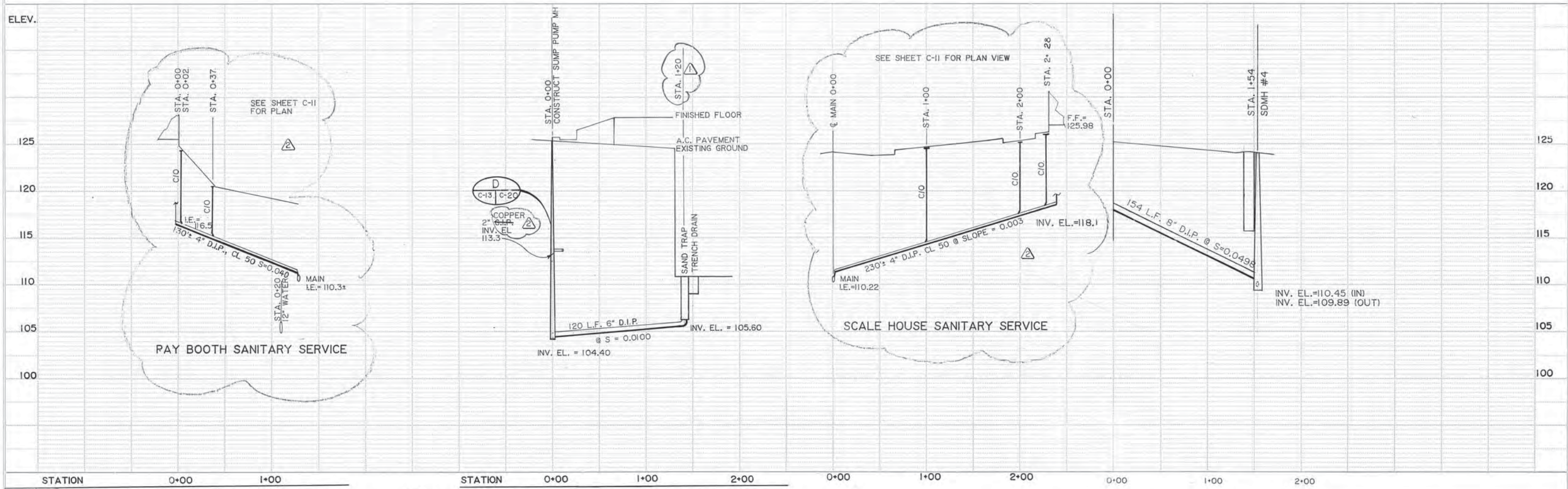
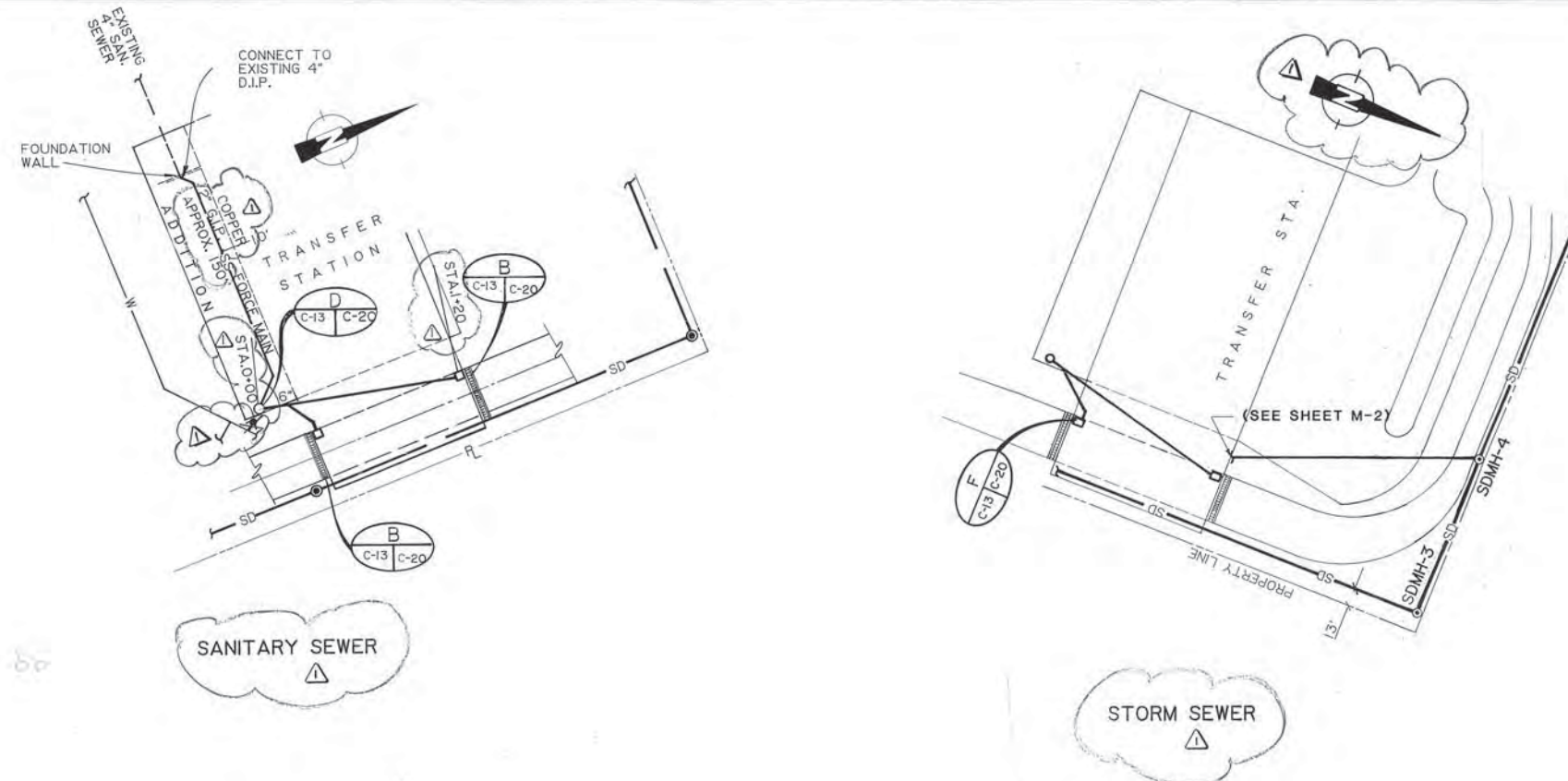
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: R.L.E.  
DRAWN: V.M.S., bh, AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: HORIZ. 1" = 50'  
VERT. 1" = 5'

North Arrow - Line Change 3-27-87 R.L.E.		
CLARIFICATION 12-30-86 R.L.E.		
NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**SITE UTILITIES, WATER PROFILE**

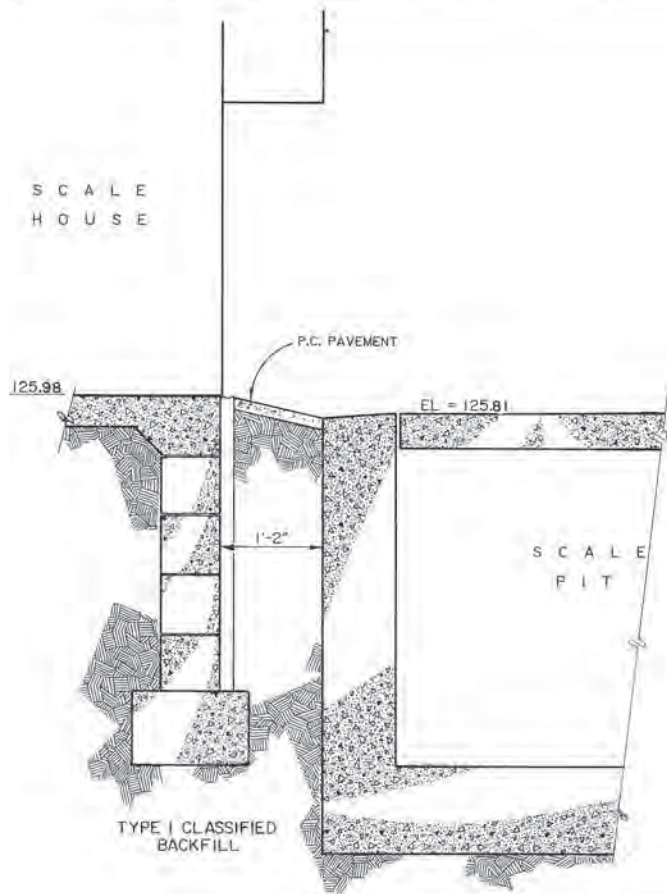


PROJECT NO. 86-010-04  
 DESIGNED: RLE  
 DRAWN: VMS, bh, AKF  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: HORIZ. 1" = 50'  
 VERT. 1" = 5'

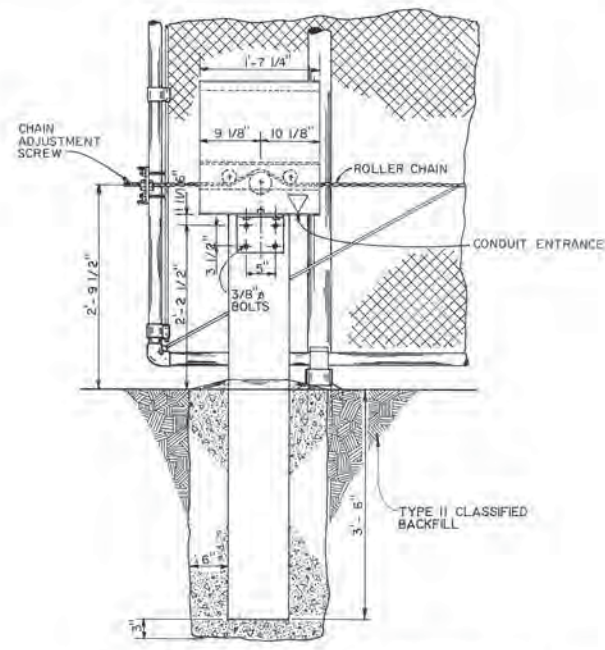
NO.	REVISION	DATE	BY
2	MODS PAY BOOTH SCALE FOR SAN SERVICE PROFILE	3/27/87	RLE
	NORTH ARROW	3/27/87	RLE



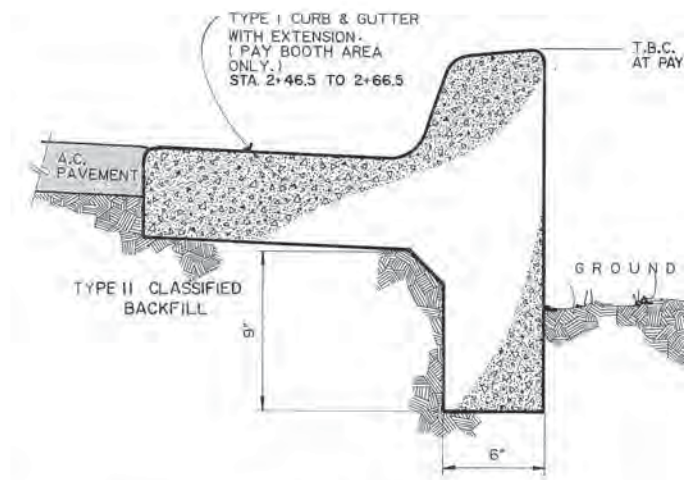
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**SITE UTILITIES, SEWER PLAN & PROFILE**



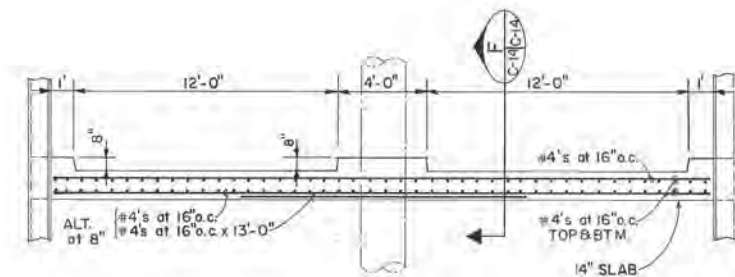
**A** SCALE HOUSE-SCALE PIT SECTION  
 C-7 | C-14  
 SCALE: 1" = 1'-0"



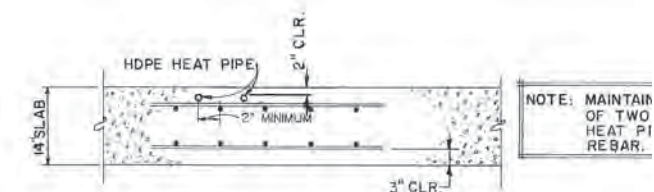
**B** GROUND MOUNT OPERATOR DET.  
 C-7 | C-14  
 N.T.S.



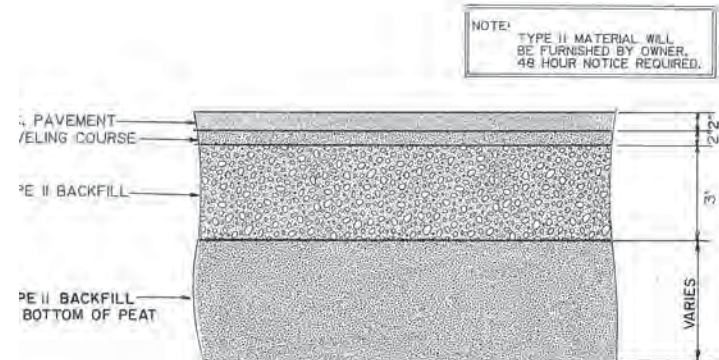
**C** CURB & GUTTER  
 C-7 | C-14  
 N.T.S.



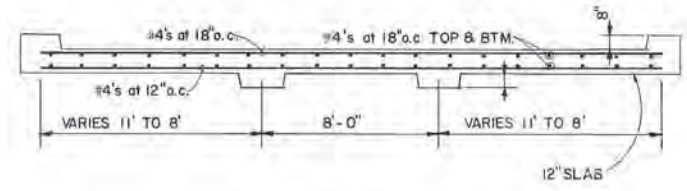
**E** UNDERPASS SLAB REINFORCEMENT  
 C-15 | C-14  
 SCALE: 3/16"



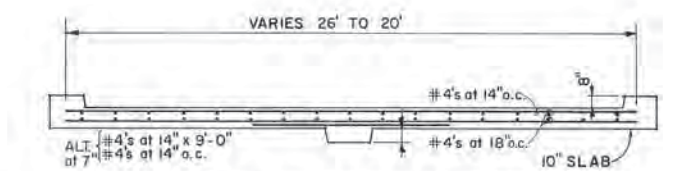
**F** HEAT PIPE DETAIL  
 C-14 | C-14  
 SCALE: 3/4" = 1'-0"



**D** TYPICAL SECTION  
 C-2 | C-14  
 N.T.S.



**E** UNDERPASS SLAB REINFORCEMENT  
 C-15 | C-14  
 SCALE: 3/16"



**E** UNDERPASS SLAB REINFORCEMENT  
 C-15 | C-14  
 SCALE: 3/16"



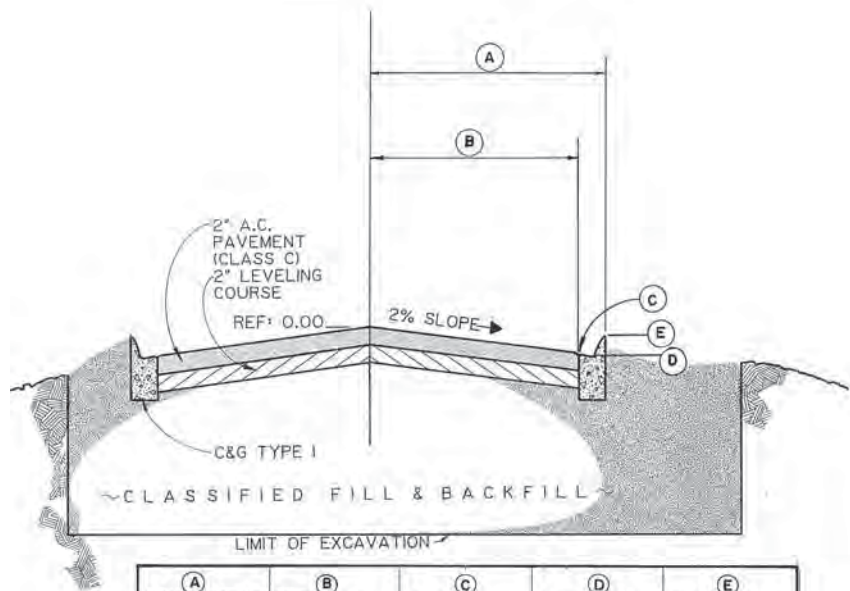
PROJECT NO. 86-010-04  
 DESIGNED: RLE  
 DRAWN: bh, AKF  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO.	REVISION	DATE	BY



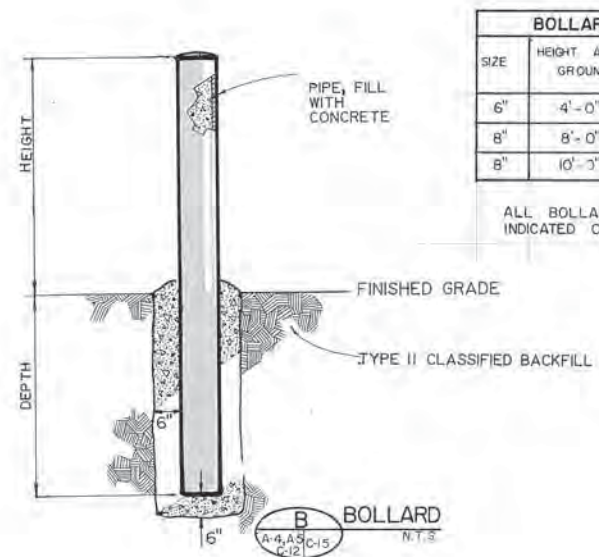
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 SECTIONS, MISCELLANEOUS  
 CIVIL DETAILS





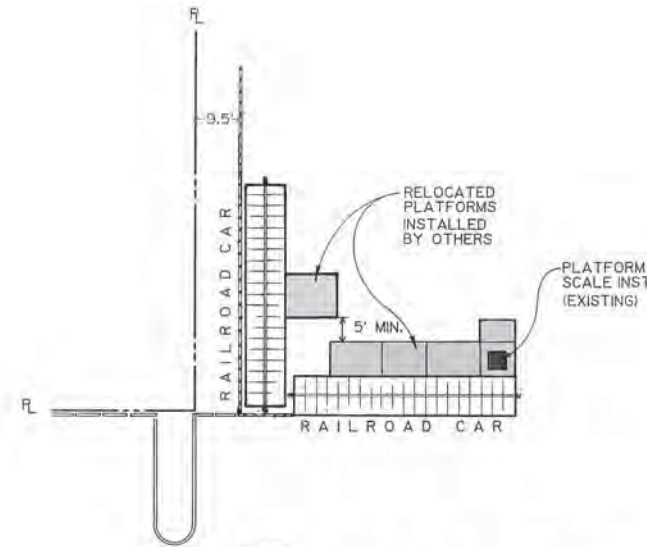
(A)	(B)	(C)	(D)	(E)
LANE WIDTH TO PAVEMENT TOP BACK-CURB	PAVEMENT LANE WIDTH	LIP CURB & GUTTER	FLOW LINE CURB & GUTTER	TOP BACK CURB
6.5	4.5	-0.09	-0.19	+0.32
8.0	6.0	-0.12	-0.22	+0.29
8.5	6.5	-0.13	-0.23	+0.28
11.5	9.5	-0.19	-0.29	+0.22
18.5	16.5	-0.33	-0.43	+0.08

**A** TYPICAL ROAD SECTION  
SCALE: N.T.S.



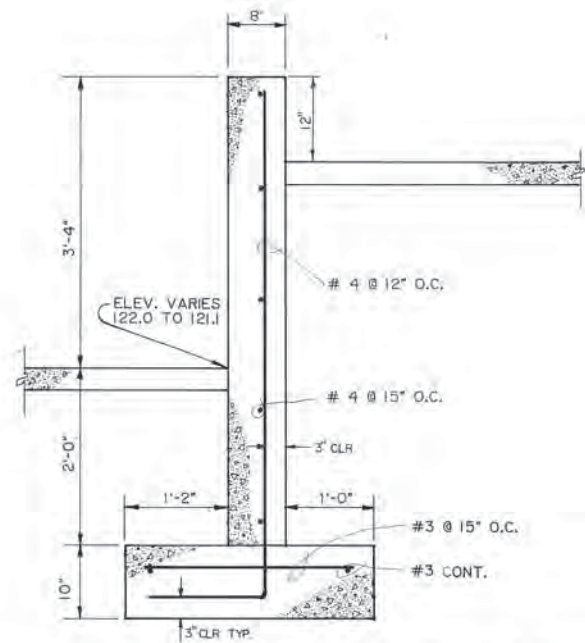
BOLLARD SCHEDULE		
SIZE	HEIGHT ABOVE GROUND	DEPTH BELOW GROUND
6"	4'-0"	3'-6"
8"	8'-0"	6'-0"
8"	10'-3"	7'-0"

ALL BOLLARDS ARE 6" UNLESS INDICATED OTHERWISE.

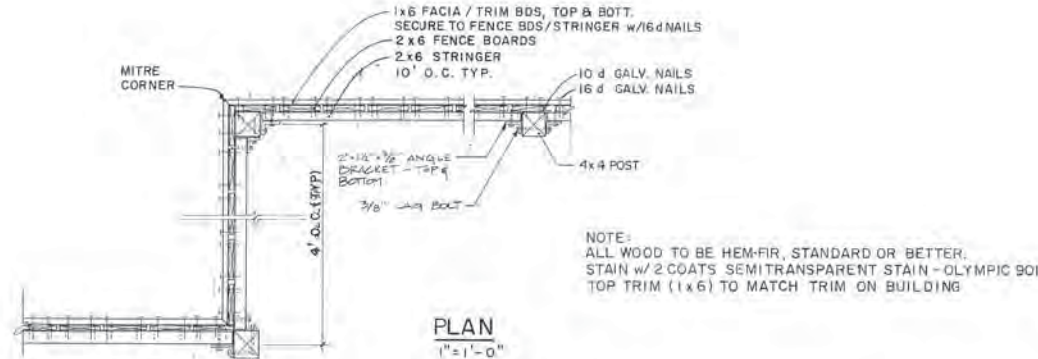


NOTE: SET RAILROAD CARS ON 12X12 WOOD BLOCKING, MODIFY PLATFORMS AS NECESSARY TO SET ON THE SURFACE.

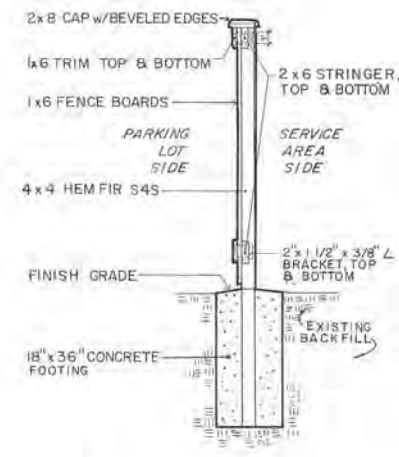
**C** RECYCLE CENTER  
SCALE: N.T.S.



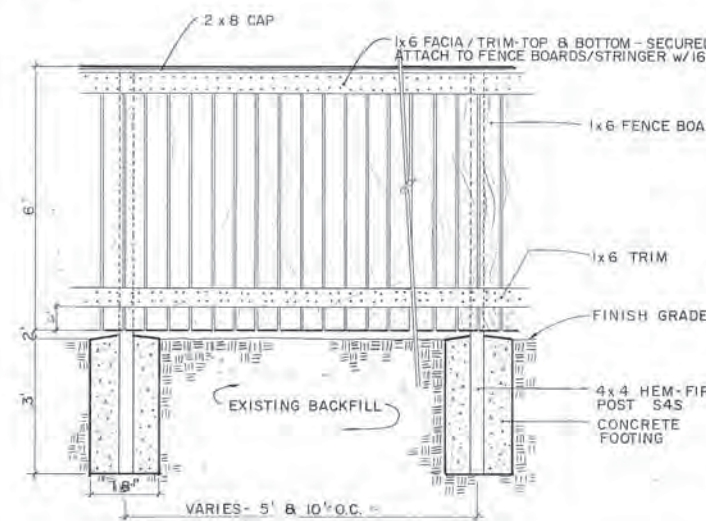
**D** RECYCLE AREA RETAINING WALL  
SCALE: 1" = 1'-0"



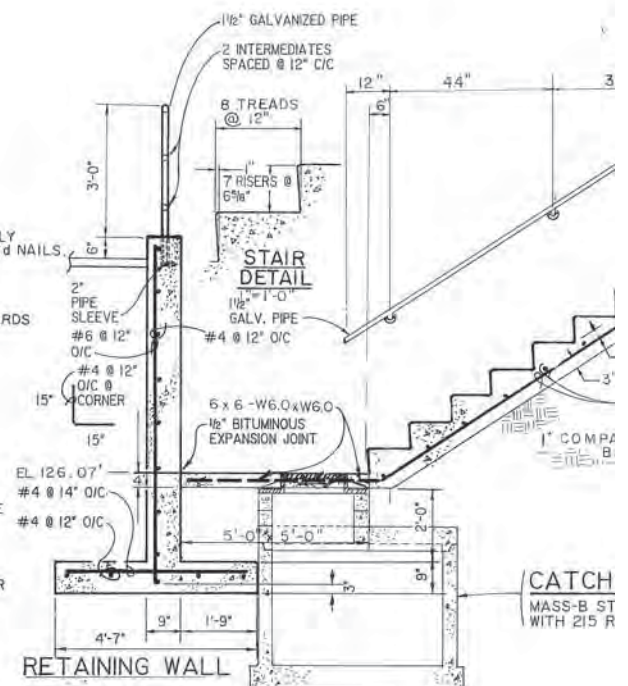
NOTE: ALL WOOD TO BE HEM-FIR, STANDARD OR BETTER. STAIN w/ 2 COATS SEMITRANSSPARENT STAIN - OLYMPIC 901 TOP TRIM (1x6) TO MATCH TRIM ON BUILDING



**SIDE ELEVATION**  
SCALE: 1/2" = 1'-0"



**FRONT ELEVATION**  
SCALE: 1/2" = 1'-0"



**F** RETAINING WALL CONCRETE STAIRS W/ (CATCH MASS-B ST WITH 215 R)  
SCALE: N.T.S.

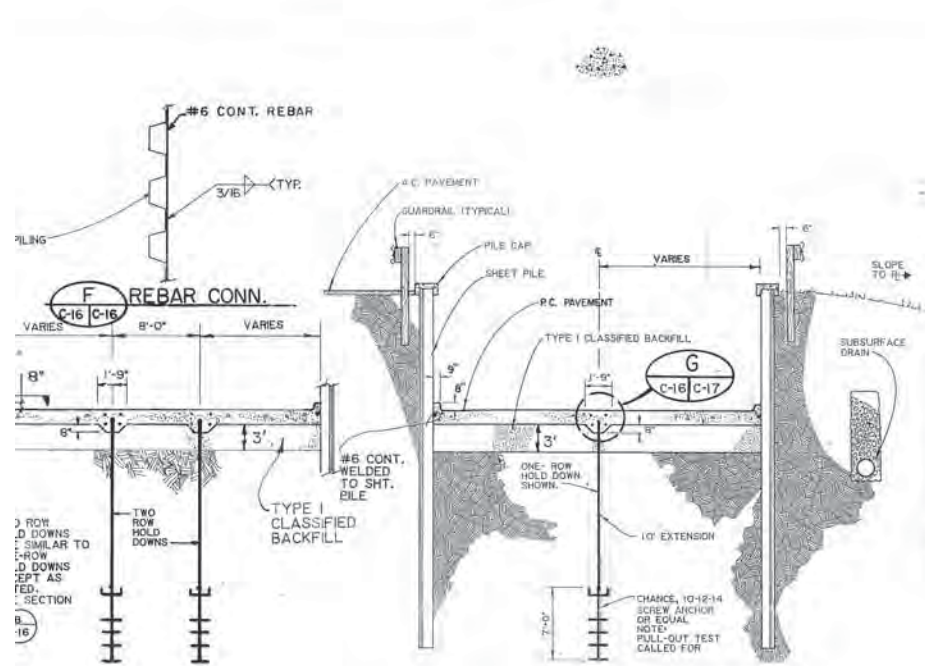


PROJECT NO. 86-010-04 MOA  
DESIGNED: RLE  
DRAWN: th  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

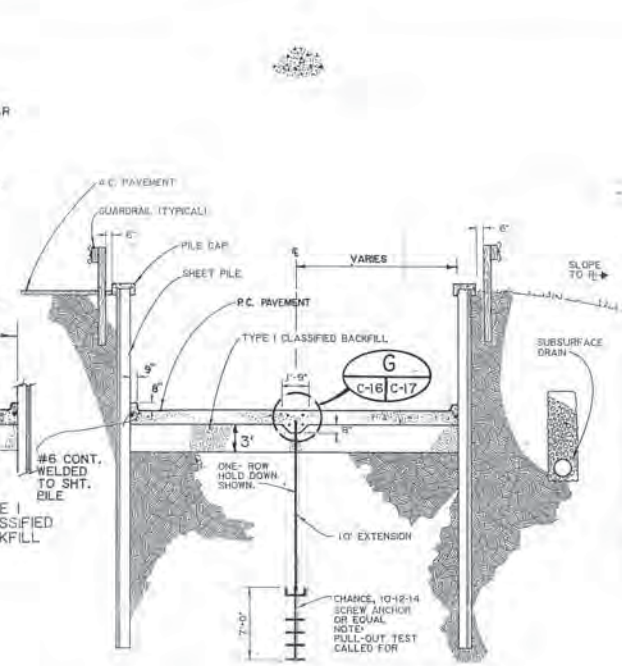
NO.	REVISION	DATE	BY
1	VARIOUS	12-30-86	RLE



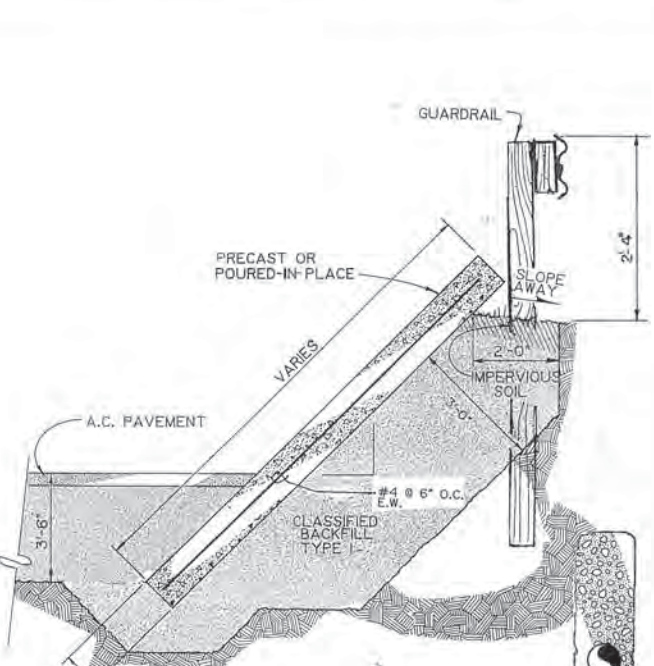
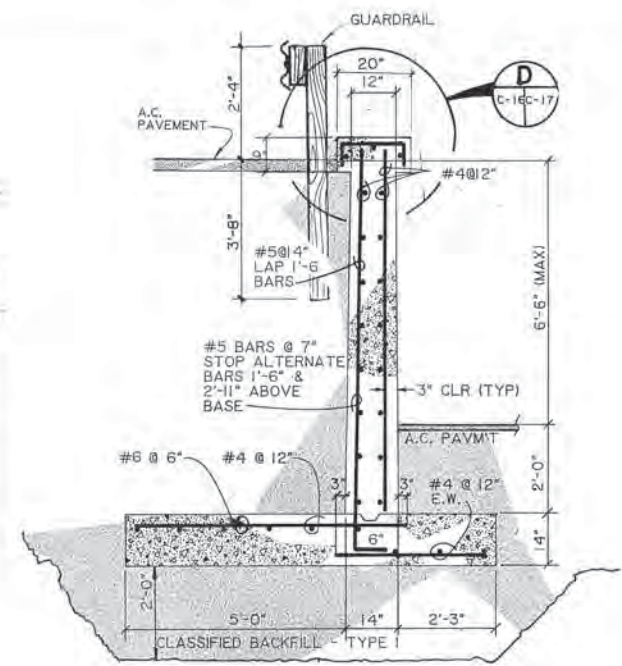
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SITE DETAILS  
NEW



SECTION F  
C-16 C-16

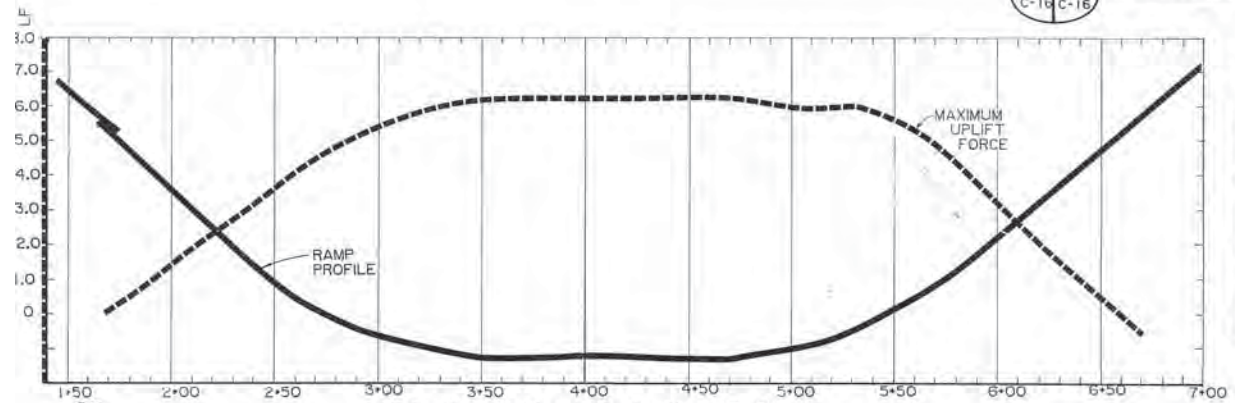


SECTION G  
C-16 C-17



SECTION D  
C-16 C-17

SECTION E  
C-16 C-16



RAMP GROUNDWATER UPLIFT FORCE VS. PROFILE

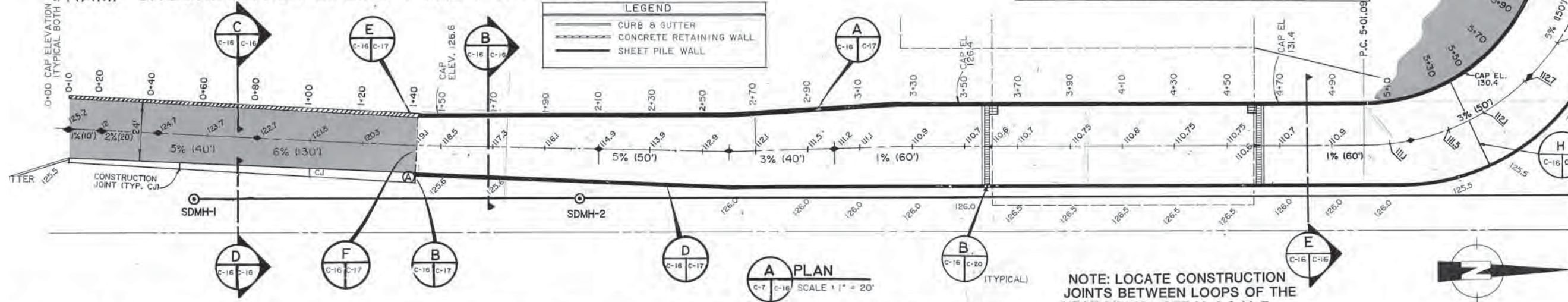
WALL SCHEDULE

From Station	To	Left	Right
0 + 10	1 + 36	CRW	LBW
1 + 36	6 + 90	SPW	SPW
6 + 90	7 + 45	CRW	CRW
7 + 45	7 + 85	CRW	LBW

CRW = Concrete Retaining Wall  
SPW = Sheet Pile Wall  
LBW = Laid-Back Wall

PAVEMENT & HOLDOWN ANCHOR SCHEDULE

From Station	To	Thickness Inches	Anchor
1 + 71	1 + 95	10	1 row @ 6' o/c
1 + 95	2 + 10	10	1 row @ 5' o/c
2 + 10	2 + 22	10	1 row @ 4' o/c
2 + 22	2 + 43	10	1 row @ 3'-6" o/c
2 + 43	2 + 87	12	2 rows @ 4' o/c
2 + 87	3 + 01	12	2 rows @ 3'-6" o/c
3 + 01	3 + 55	12	2 rows @ 3' o/c
3 + 55	3 + 75	14	
3 + 74.3	4 + 04.3	14	12" dia piles @ 5' o/c
4 + 04.3	4 + 15.8	14	
4 + 15.8	4 + 45.8	14	12" dia piles @ 5' o/c
4 + 40	4 + 60	12	
4 + 60	5 + 50	12	2 rows @ 3' o/c
5 + 50	5 + 78	12	2 rows @ 3'-4" o/c
5 + 78	6 + 10	10	2 rows @ 4' o/c
6 + 10	6 + 22	10	1 row @ 4' o/c
6 + 22	6 + 37	10	1 row @ 5' o/c
6 + 37	6 + 55	10	1 row @ 6' o/c



PLAN  
SCALE 1" = 20'

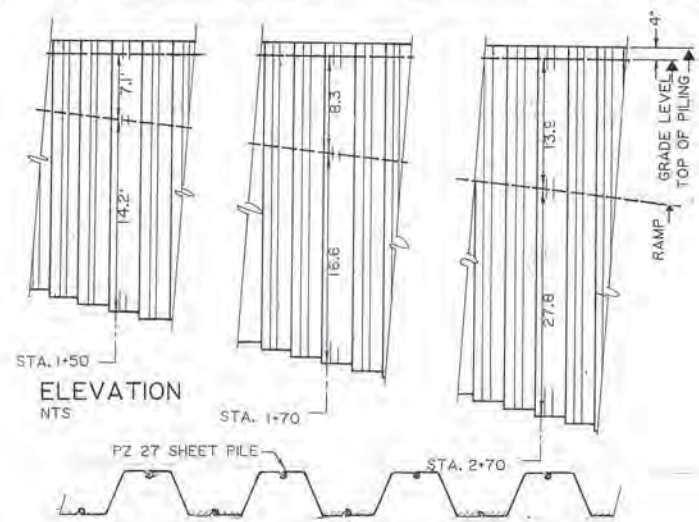
NOTE: LOCATE CONSTRUCTION JOINTS BETWEEN LOOPS OF THE HEAT PIPING. SEE M-6 & M-7

PROJECT NO. 86-010-04  
DESIGNED BY: RLE  
DRAWN BY: bh KLA A/F  
CHECKED BY:  
DATE: JAN. 20, 1987  
SCALE: 1" = 20'

NO.	REVISION	DATE	BY
1	CORRECTION	12-30-86	RLE



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
RAMP & STORM DRAIN SECTIONS



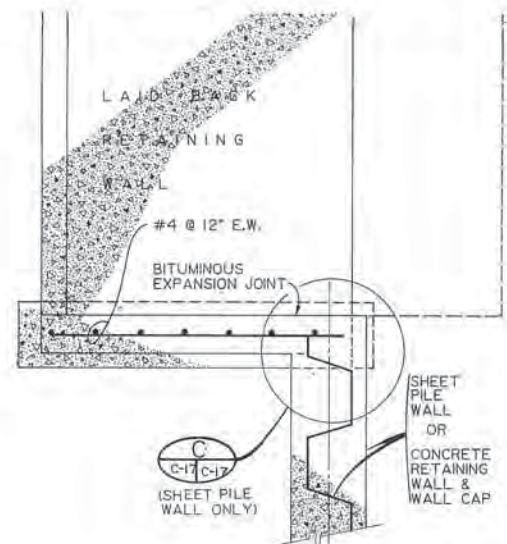
STA. 1+50  
ELEVATION  
NTS

STA. 1+70

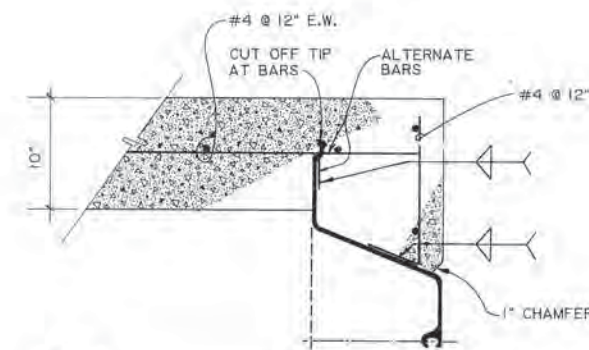
STA. 2+70

PLAN DETAIL  
SCALE 1/2" = 1'-0"

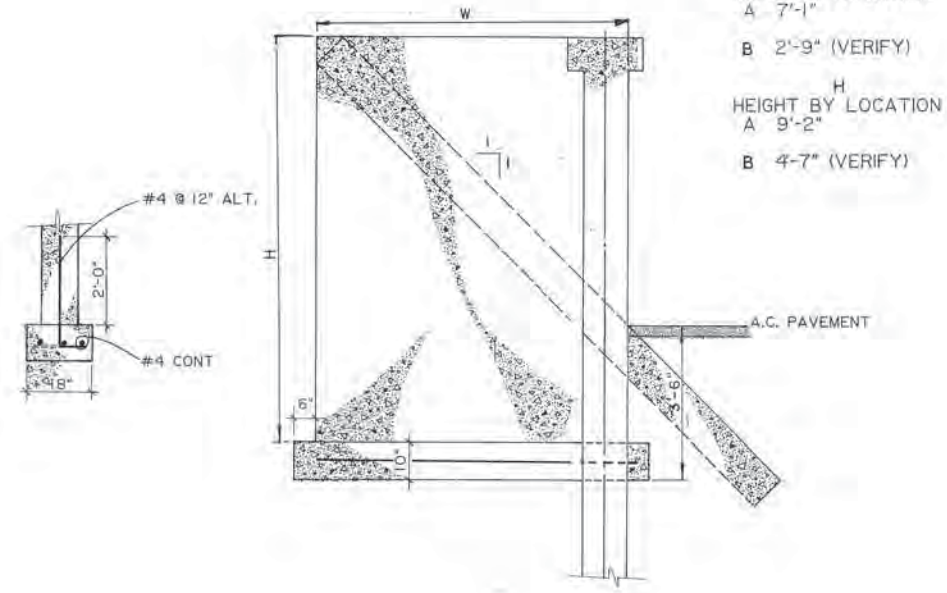
A SHEET PILE RETAINING WALL  
C-16 C-17



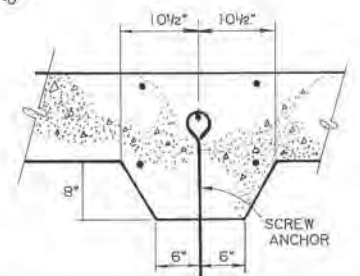
C  
C-17 C-17  
(SHEET PILE WALL ONLY)



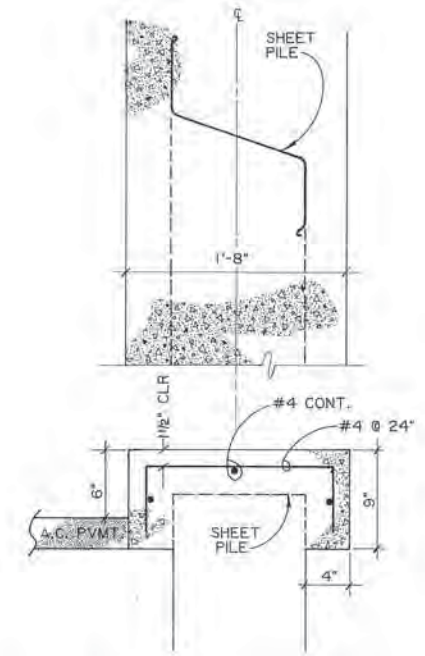
C  
C-17 C-17  
DETAIL  
SCALE 1/2" = 1'-0"



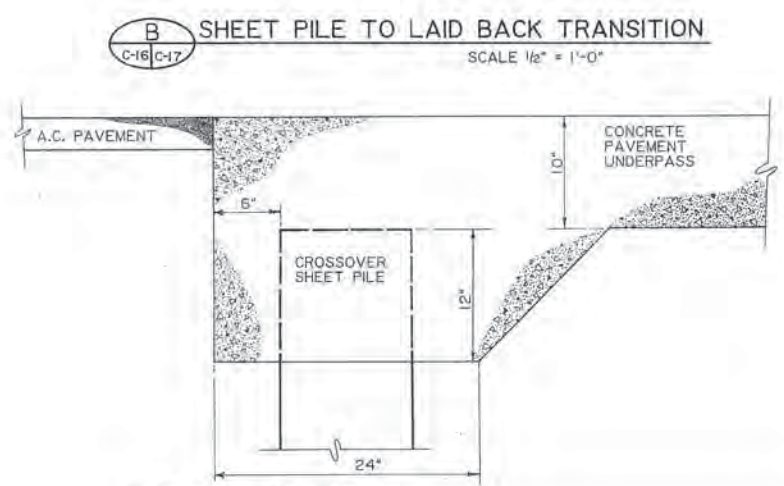
W  
WIDTH BY LOCATION  
A 7'-1"  
B 2'-9" (VERIFY)  
H  
HEIGHT BY LOCATION  
A 9'-2"  
B 4'-7" (VERIFY)



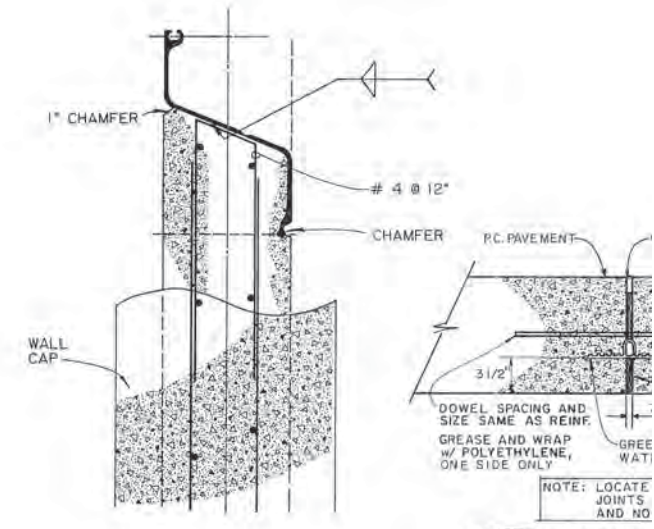
G CONNECTION DETAIL  
C-16 C-17  
SCALE 1" = 1'-0"



D PILE & RETAINING WALL CAP  
C-16 C-17  
SCALE 1/2" = 1'-0"



B SHEET PILE TO LAID BACK TRANSITION  
C-16 C-17  
SCALE 1/2" = 1'-0"



E CONCRETE TO SHEET PILE WALL TRANSITION  
C-16 C-17  
SCALE 1/2" = 1'-0"

F DETAIL  
C-16 C-17  
NTS

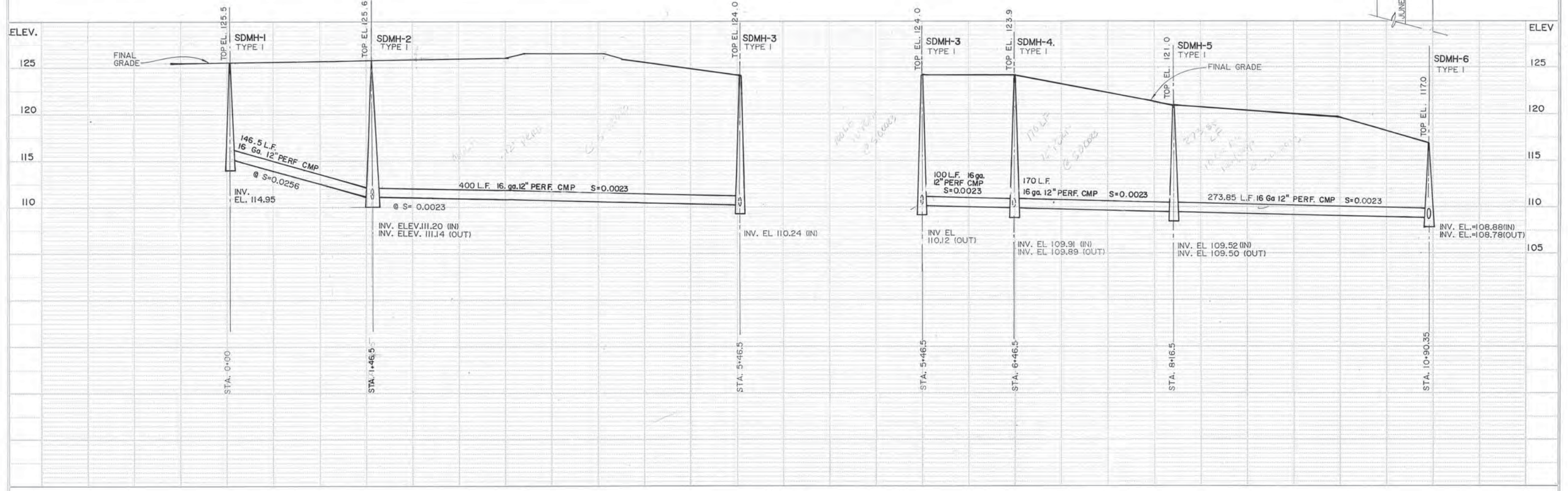
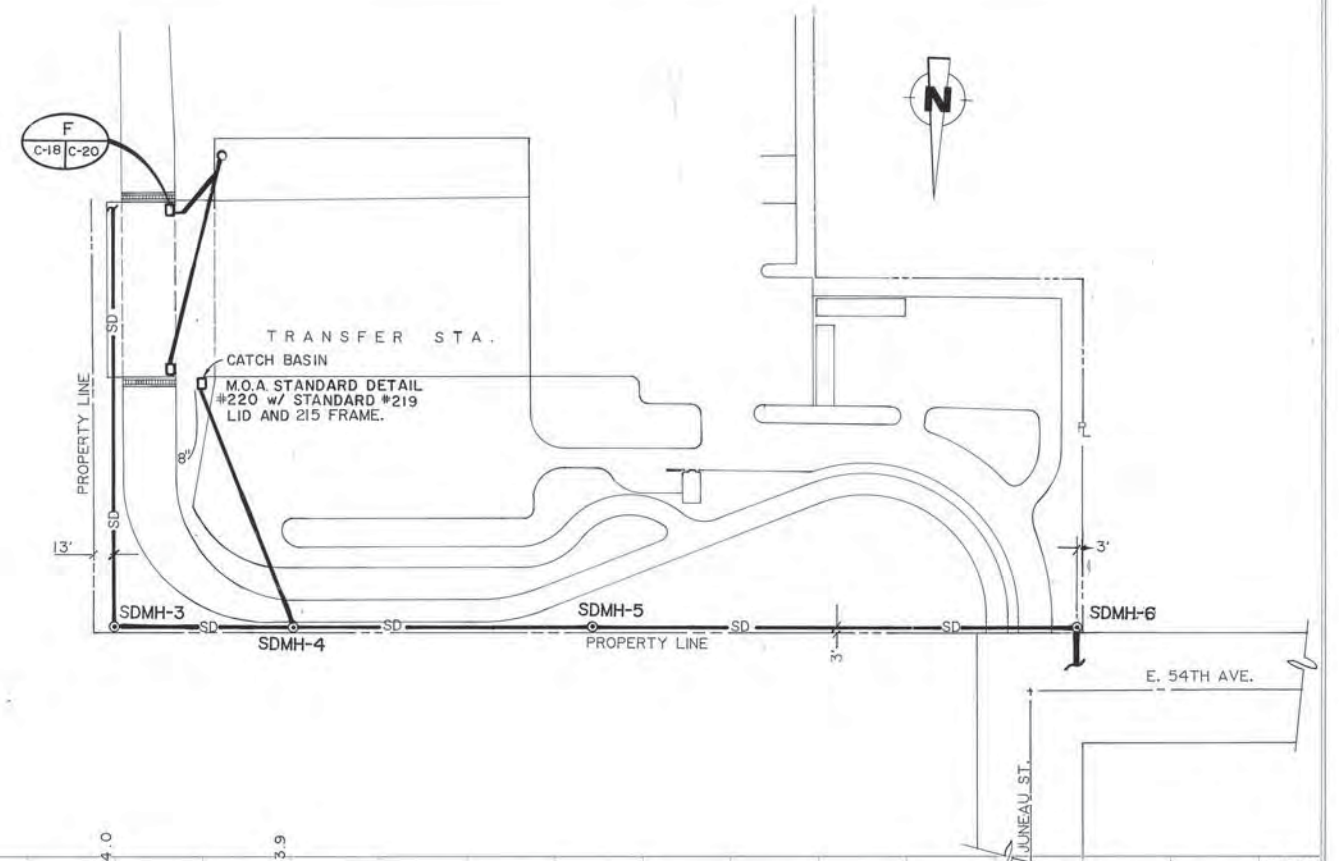
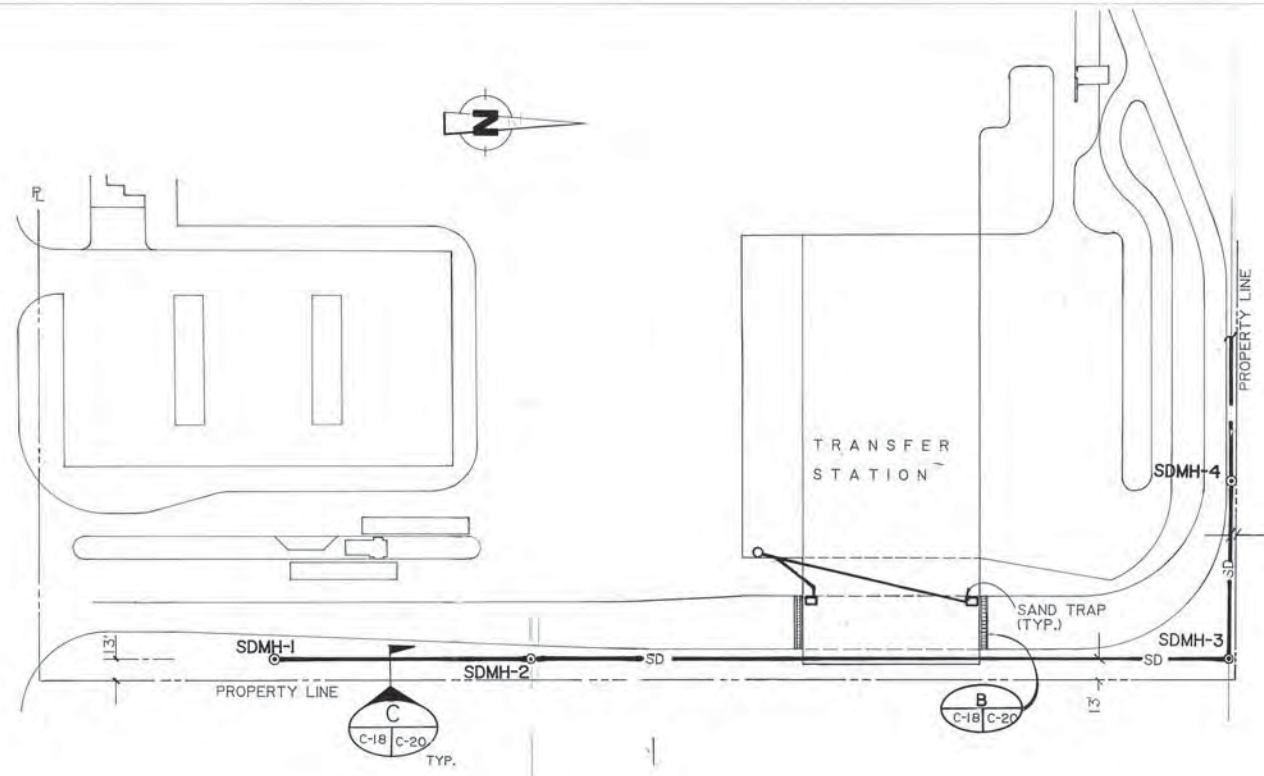
H EXPANSION  
C-16 C-17

PROJECT NO. 86-010-04  
DESIGNED : RLE  
DRAWN : VMS, bh, KLA  
CHECKED :  
DATE : JAN. 20, 1987  
SCALE : AS NOTED

NO.	REVISION	DATE	BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
RAMP DETAILS



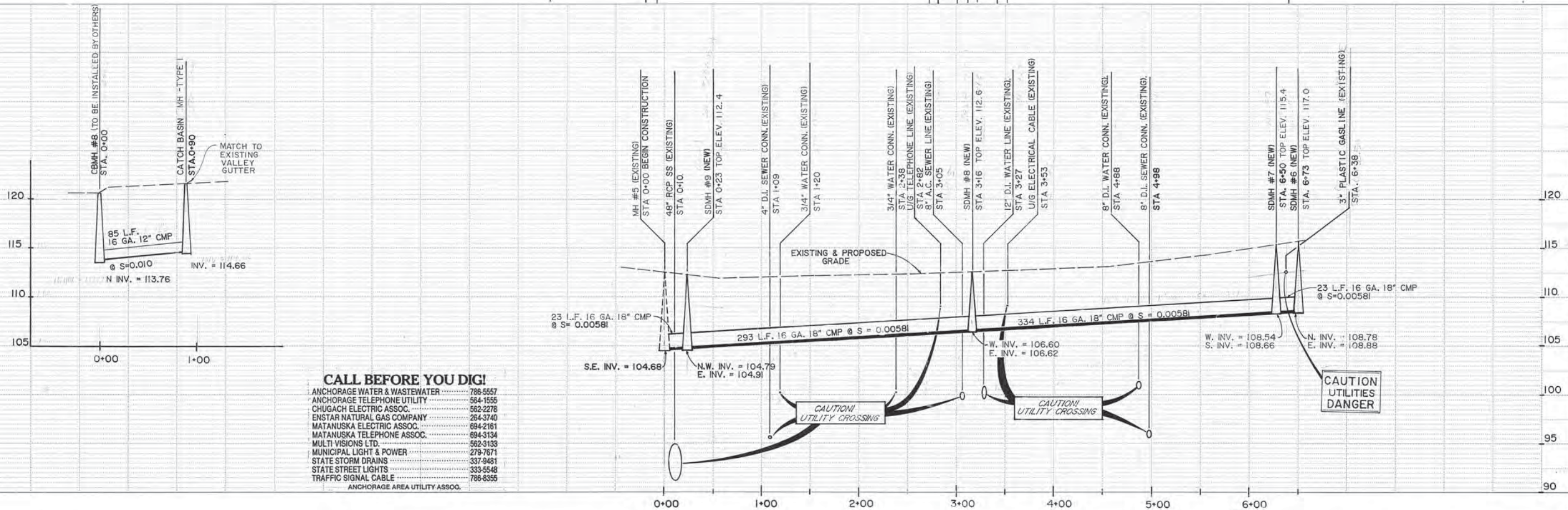
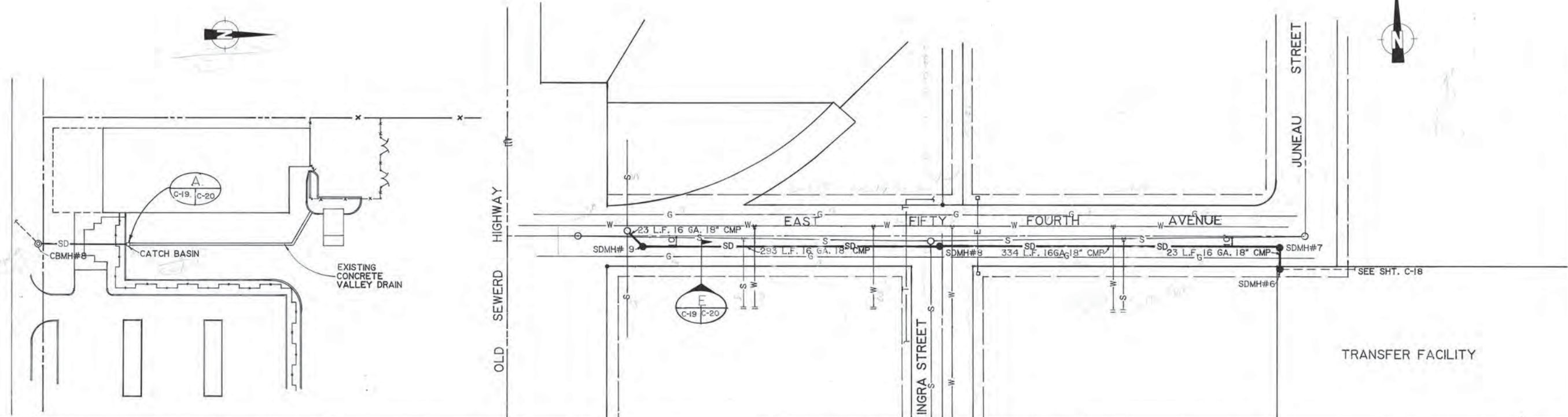
PROJECT NO. 86-010-024  
DESIGNED: R.L.E.  
DRAWN: bh KLA  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: HORIZ. 1" = 50'  
VERT. 1" = 5'

NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SITE DRAIN — PLAN & PROFILES

NOTE: PERFORMED PAVEMENT CUT AND REPLACEMENT,  
AND BACKFILL IN ACCORDANCE WITH M.A.S.S.  
STANDARD DETAIL 310.



- CALL BEFORE YOU DIG!**
- ANCHORAGE WATER & WASTEWATER ..... 786-5557
  - ANCHORAGE TELEPHONE UTILITY ..... 564-1555
  - CHUGACH ELECTRIC ASSOC. .... 562-2278
  - ENSTAR NATURAL GAS COMPANY ..... 264-3740
  - MATANUSKA ELECTRIC ASSOC. .... 694-2181
  - MATANUSKA TELEPHONE ASSOC. .... 694-3134
  - MULTI VISIONS LTD. .... 562-3133
  - MUNICIPAL LIGHT & POWER ..... 279-7671
  - STATE STORM DRAINS ..... 337-9481
  - STATE STREET LIGHTS ..... 333-5548
  - TRAFFIC SIGNAL CABLE ..... 786-6355
- ANCHORAGE AREA UTILITY ASSOC.

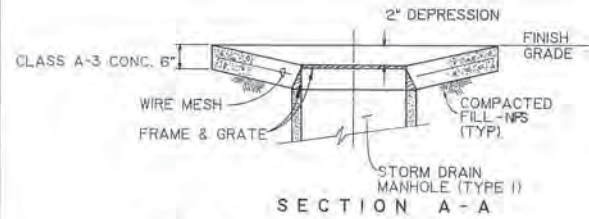
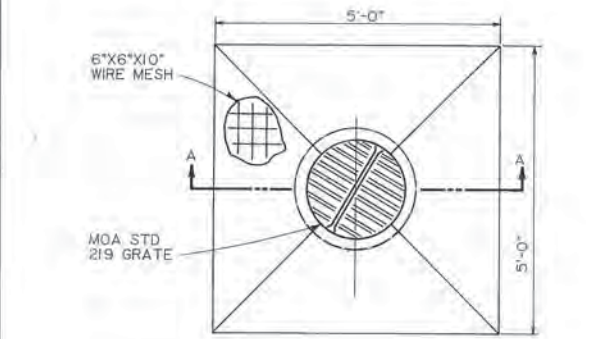


PROJECT NO. 86-012-04  
 DESIGNED BY: RLE  
 DRAWN BY: AKF  
 CHECKED BY:  
 DATE: JAN. 20, 1987  
 SCALE: 1" = 50' HORIZ.  
 1" = 5' VERT.

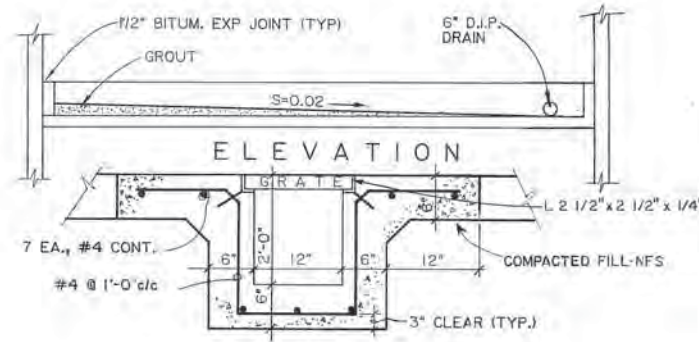
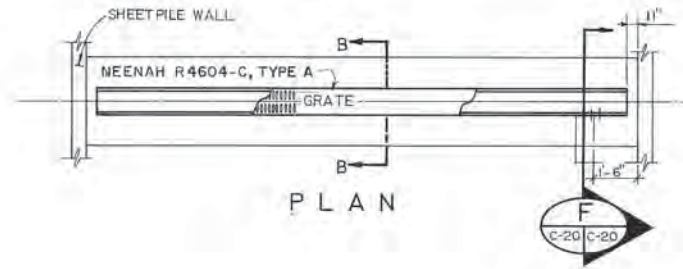
NO.	REVISION	DATE BY



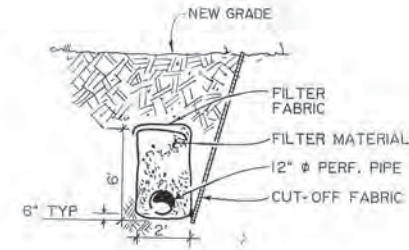
SOLID WASTE TRANSFER FACILITIES  
**Central Transfer Facility**  
**PLAN & PROFILE**  
**SITE & STORM DRAINAGE**



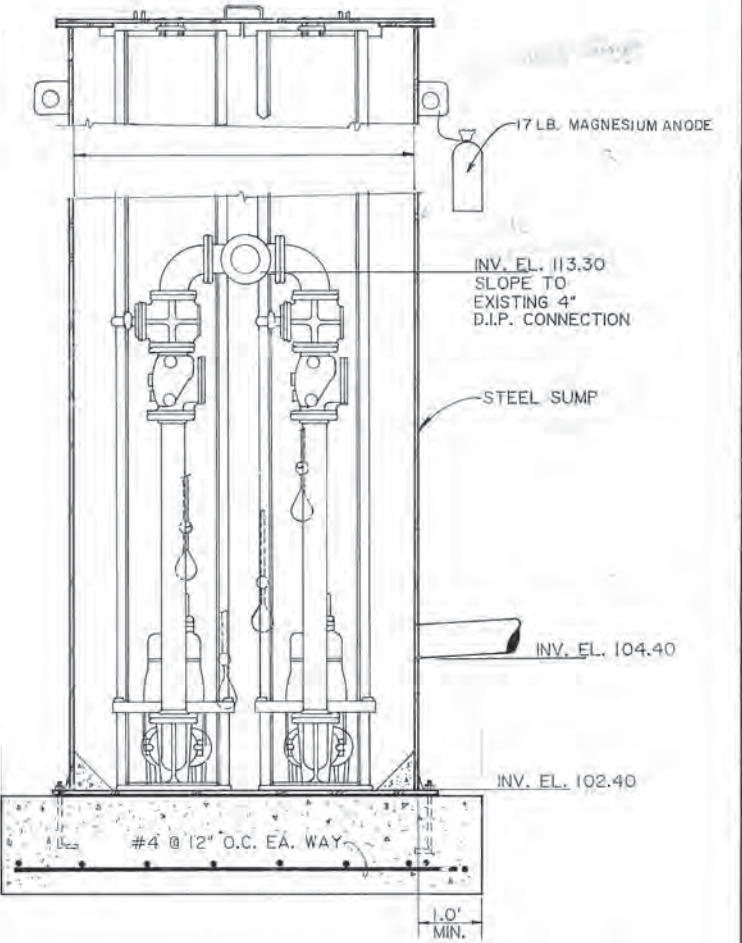
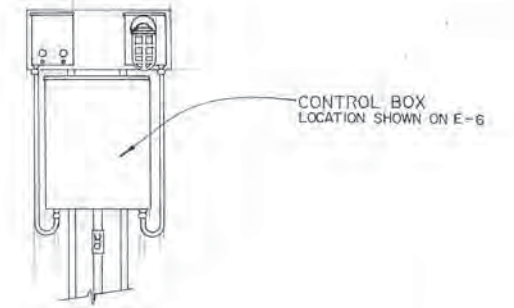
**A** AREA DRAIN  
C-18 C-20



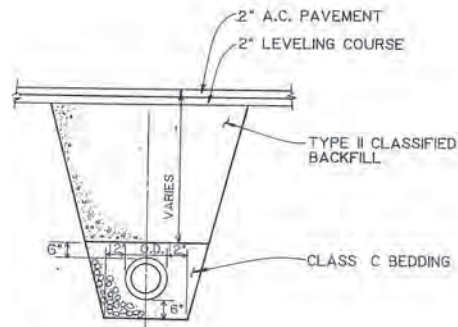
**B** TRENCH DRAIN  
C-16 C-20



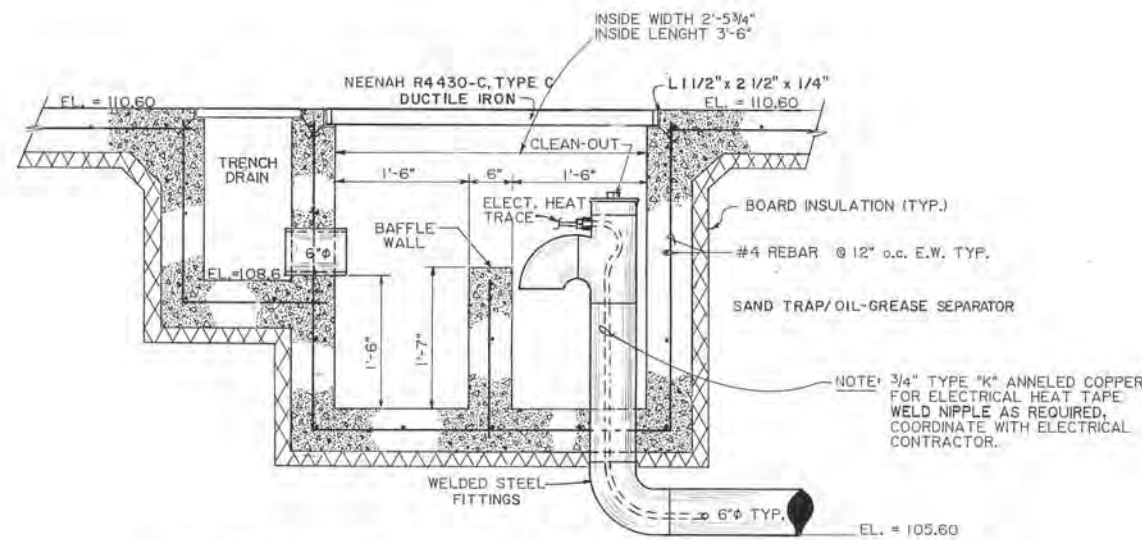
**C** SUBSURFACE DRAIN  
C-18 C-20



**D** SUMP PUMP MANHOLE & CONTROL BOX  
C-13 C-20 NTS



**E** TRENCH SECTION - TYPICAL  
C-13 C-20

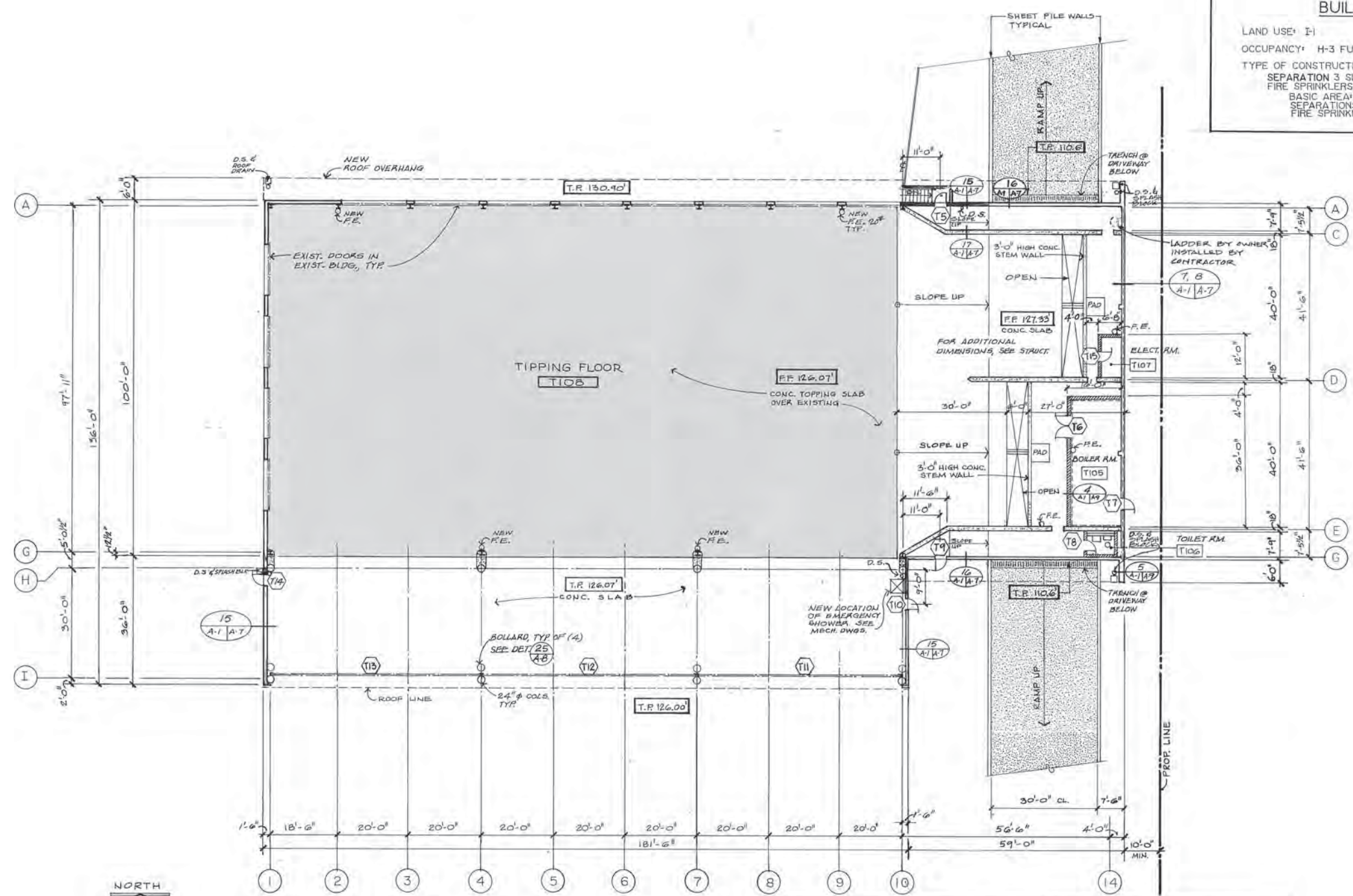


**F** TYP. SAND TRAP DETAIL  
C-13 C-20

FLOOR AREA TABULATION	
ADDITION A: 59x100'	5,900 S.F.
EXISTING B: 100x81.5'	8,150 S.F.
ADDITION C: 33.5x81.5'	6,080 S.F.
<b>TOTAL:</b>	<b>30,130 S.F.</b>

BUILDING CODE DATA	
LAND USE:	I-1
OCCUPANCY:	H-3 FULLY SPRINKLERED
TYPE OF CONSTRUCTION:	TYPE II, N
SEPARATION 3 SIDES (100%)	
FIRE SPRINKLERS THRU-OUT (300%)	
BASIC AREA:	7,500 S.F.
SEPARATIONS:	7,500 x 2=15,000 S.F.
FIRE SPRINKLERS:	15,000 x 3=45,000 S.F.



TRANSFER STATION - FLOOR PLAN

LEGEND			
	EXISTING BUILDING		MET. SIDING INDUSTRIAL WALLS WITH CONCRETE STEM WALLS
	DRIVEWAY		MET. SIDING INDUSTRIAL WALLS
			CONCRETE WALLS
			8" CMU WALLS 2-HR. FIRE RATED
			1-HOUR FIRE RATED WALLS



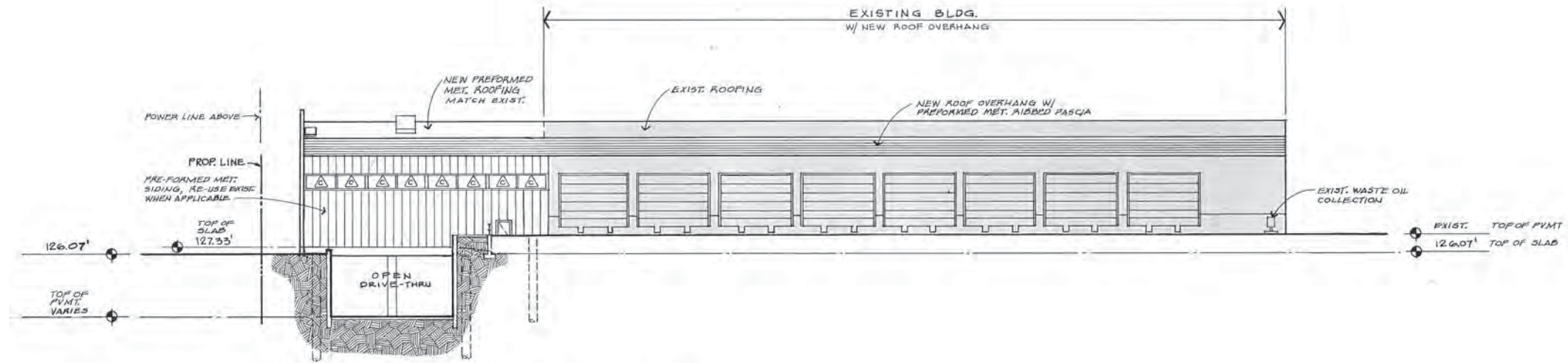
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04 MOA  
 DESIGNED : J.S.A.  
 DRAWN : R.D.L.  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : 1/16"=1'-0"

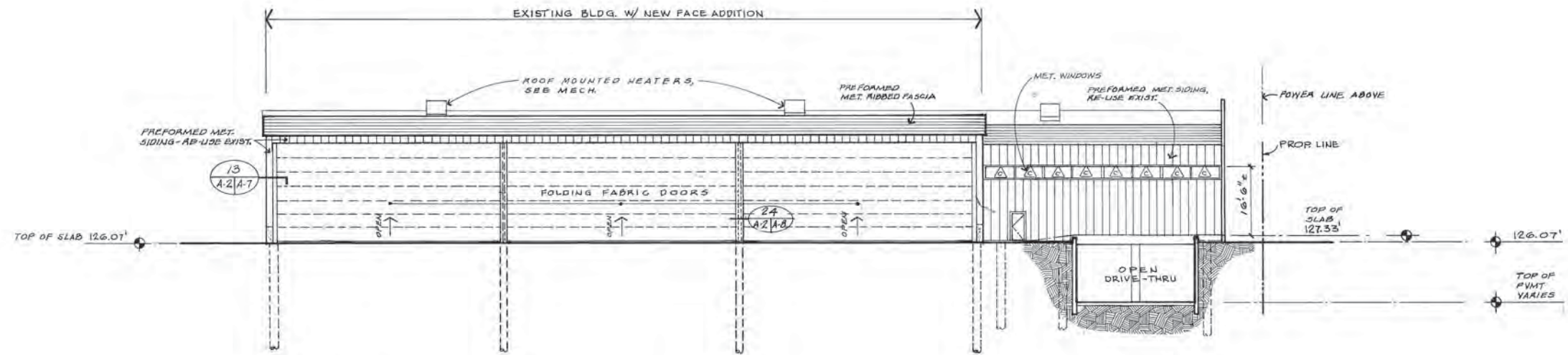
NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER STATION FLOOR PLAN**



**TRANSFER STATION - NORTH ELEVATION**



**TRANSFER STATION - SOUTH ELEVATION**



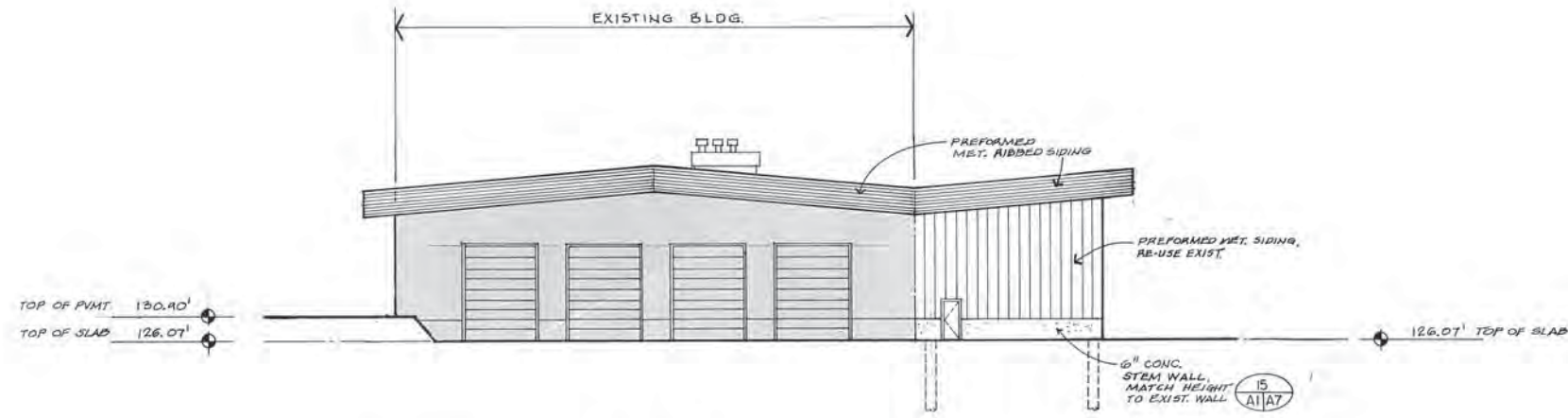
PROJECT NO. 86-010-04 MOA  
 DESIGNED : J.S.A.  
 DRAWN : R.D.L.  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : 1/16"=1'-0"

NO.	REVISION	DATE BY

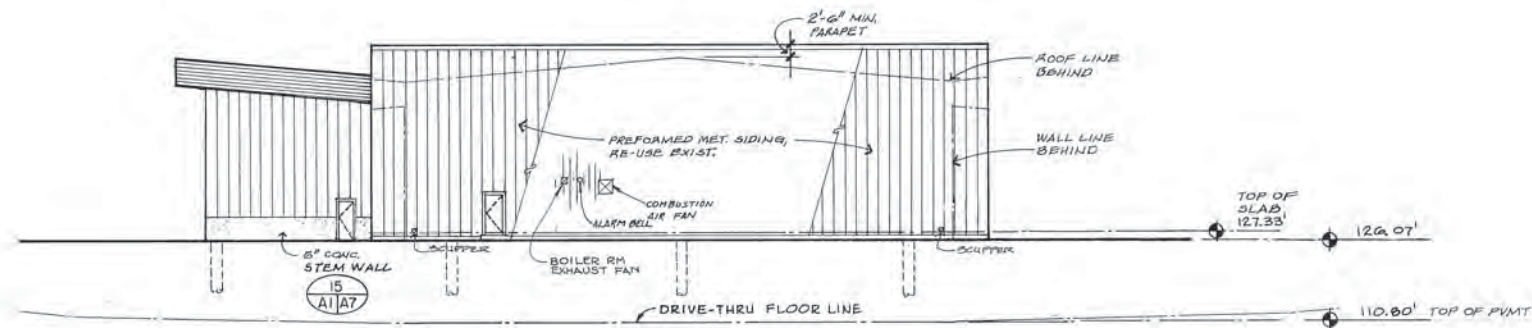


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER STATION**  
 NORTH & SOUTH ELEVATIONS





**TRANSFER STATION - WEST ELEVATION**



**TRANSFER STATION - EAST ELEVATION**

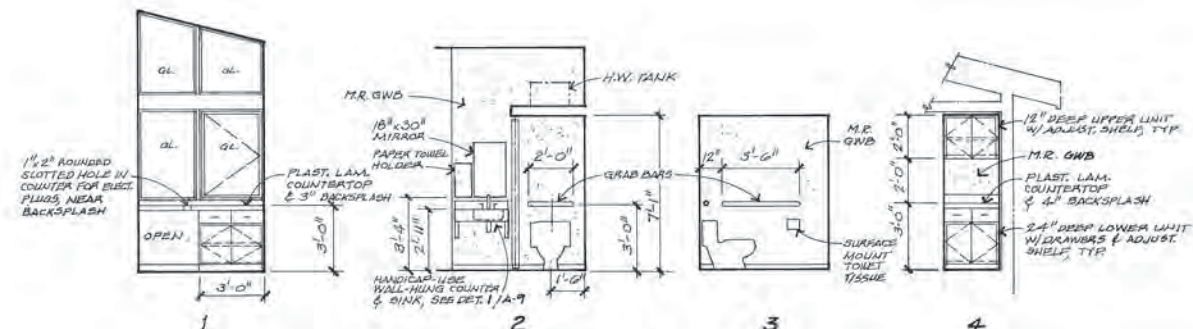


PROJECT NO. 86-010-04 MOA  
 DESIGNED : J.S.A.  
 DRAWN : R.D.L.  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : 1/16"=1'-0"

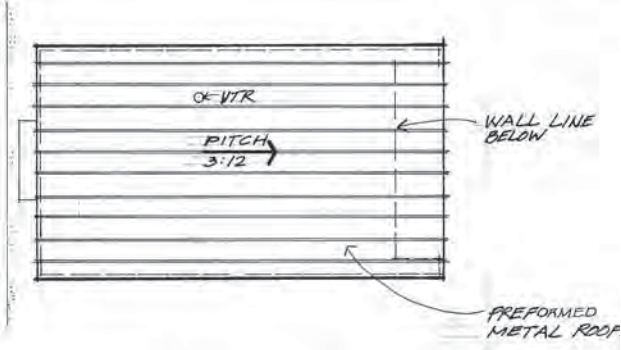
NO.	REVISION	DATE	BY



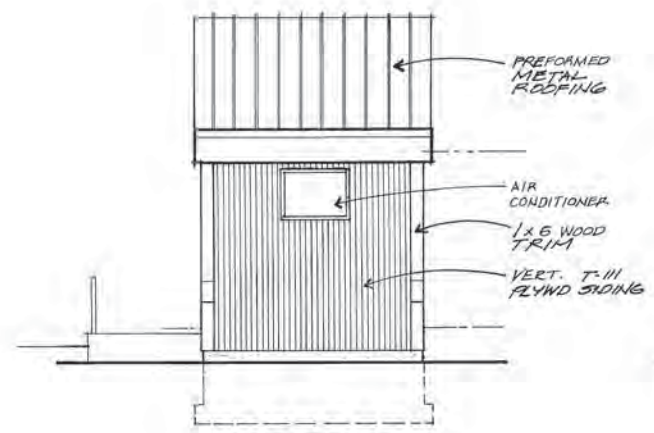
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER STATION  
 EAST & WEST ELEVATIONS**



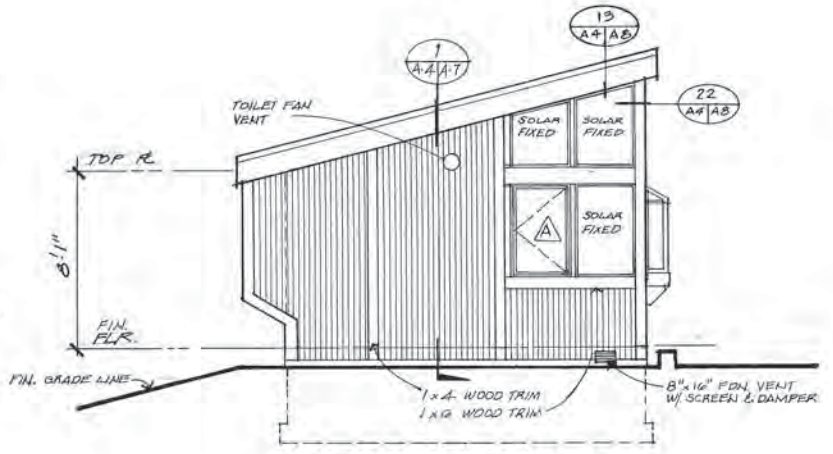
**INTERIOR ELEVATIONS**



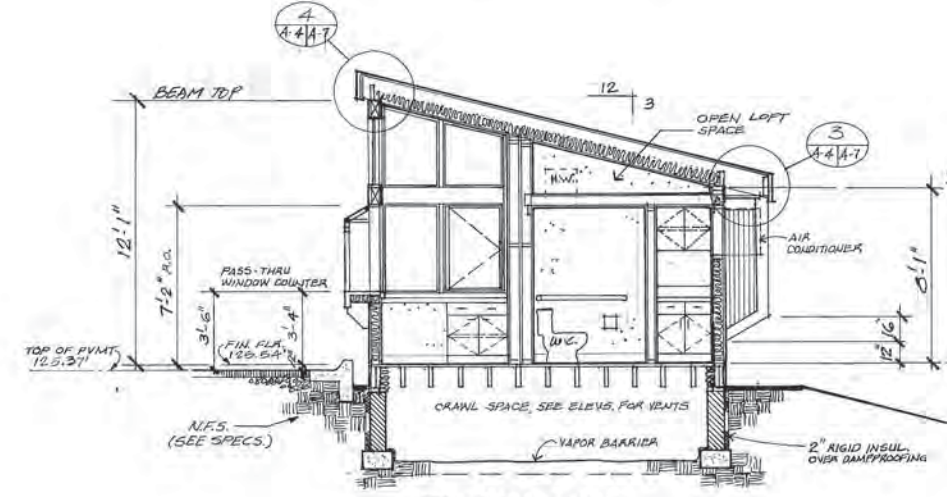
**ROOF PLAN**



**NORTH**



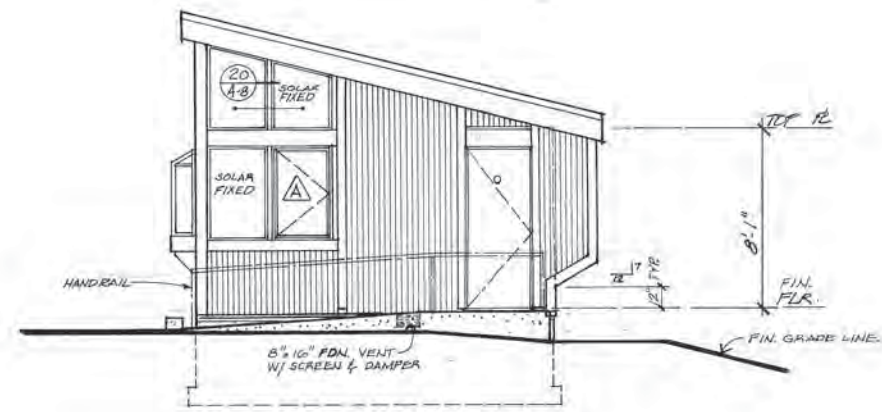
**WEST**



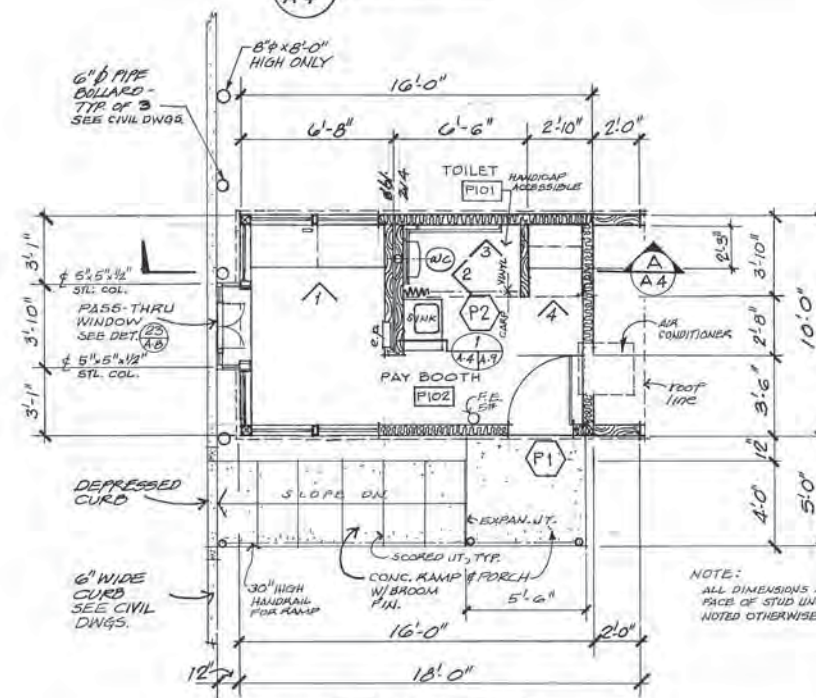
**SECTION A-A**



**SOUTH**



**EAST**



**FLOOR PLAN**

SCALE: 1/4" = 1'

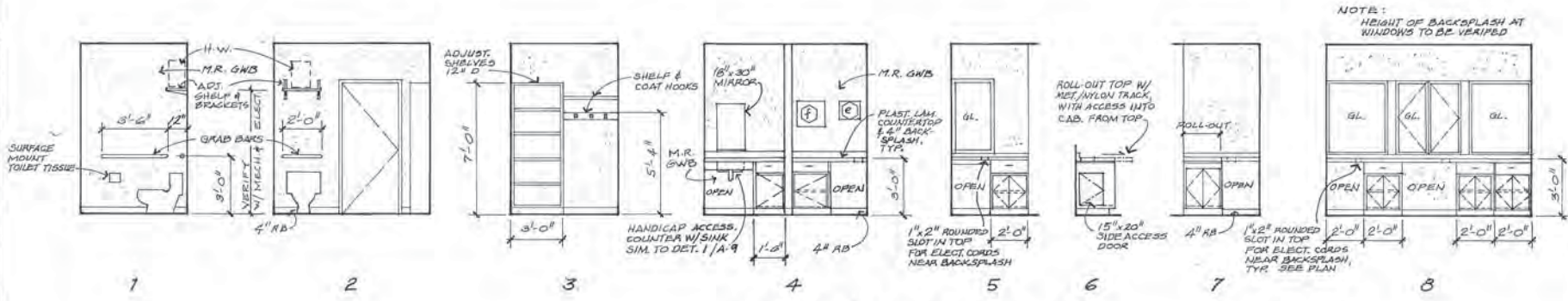
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04 MOA  
DESIGNED: J.S.  
DRAWN: R.D.L.  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: 1/4" = 1'-0"

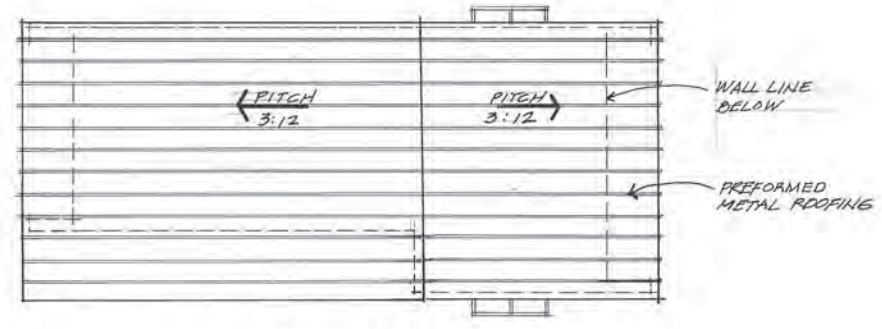
NO.	REVISION	DATE	BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
PAY BOOTH PLAN & ELEVATIONS



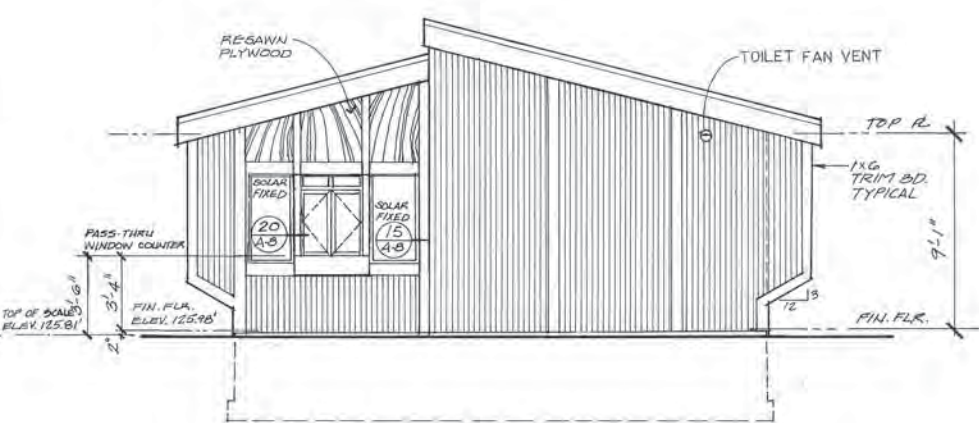
**INTERIOR ELEVATIONS**



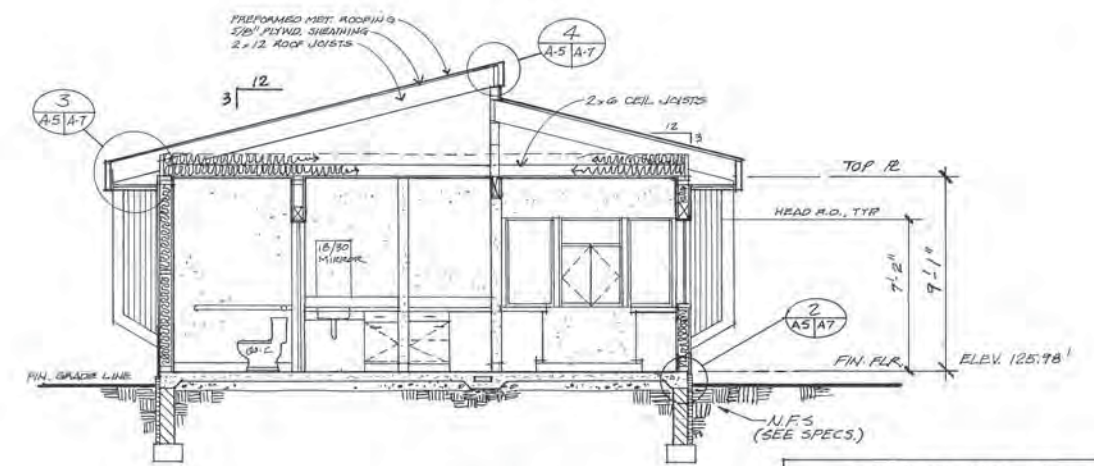
**ROOF PLAN**



**NORTH**

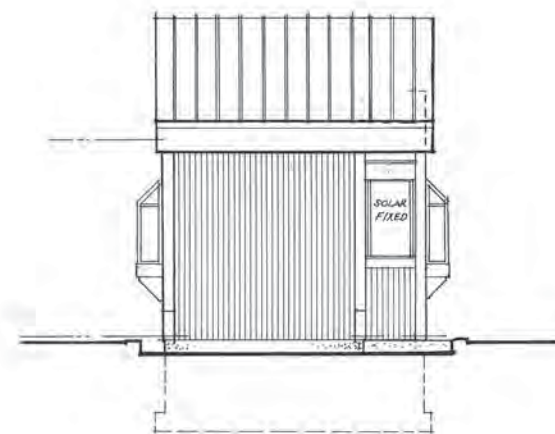


**WEST**

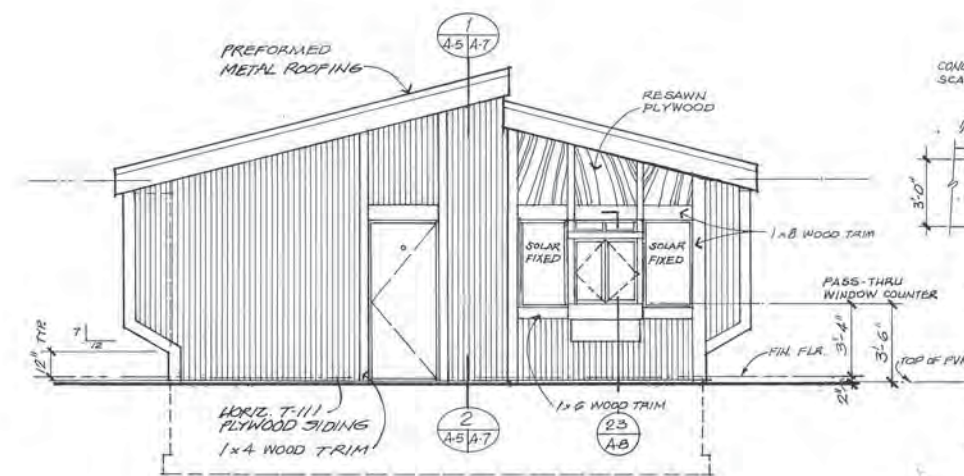


**SECTION A-A**

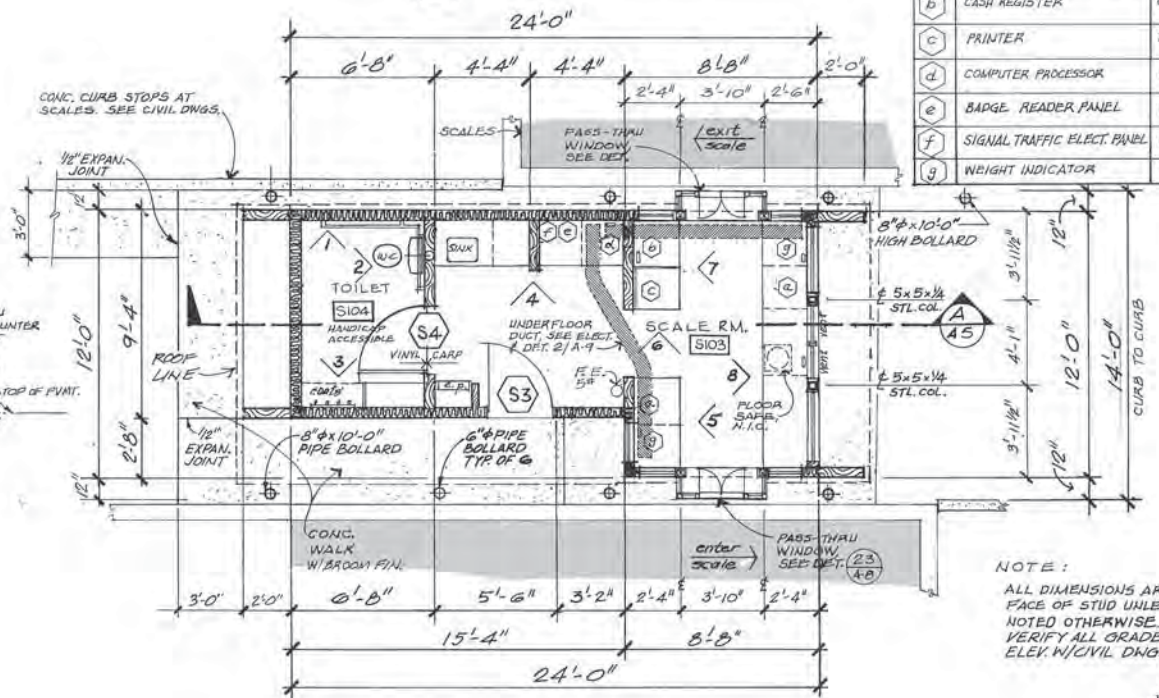
EQUIPMENT LIST (N.I.C.)		
SYMB.	DESCRIPTION	R.E.MARKS
(a)	COMPUTER TERMINAL	COUNTERTOP
(b)	CASH REGISTER	COUNTERTOP
(c)	PRINTER	COUNTERTOP
(d)	COMPUTER PROCESSOR	COUNTERTOP
(e)	BADGE READER PANEL	WALL MOUNT
(f)	SIGNAL TRAFFIC ELECT. PANEL	WALL MOUNT
(g)	WEIGHT INDICATOR	COUNTERTOP



**SOUTH**



**EAST**



**FLOOR PLAN**

NOTE:  
ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. VERIFY ALL GRADE ELEV. W/ CIVIL DNGS.



**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

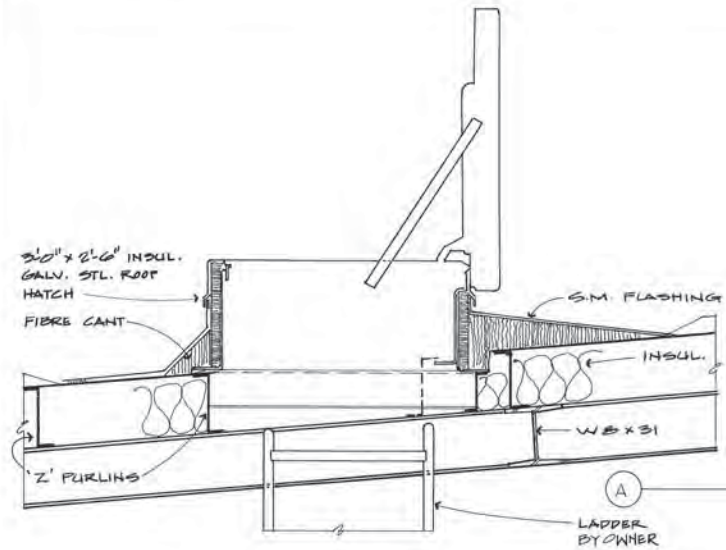
PROJECT NO. 86-010-04 MOA  
 DESIGNED: J.S.  
 DRAWN: R.D.L.  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: 1/4" = 1'-0"

NO.	REVISION	DATE BY

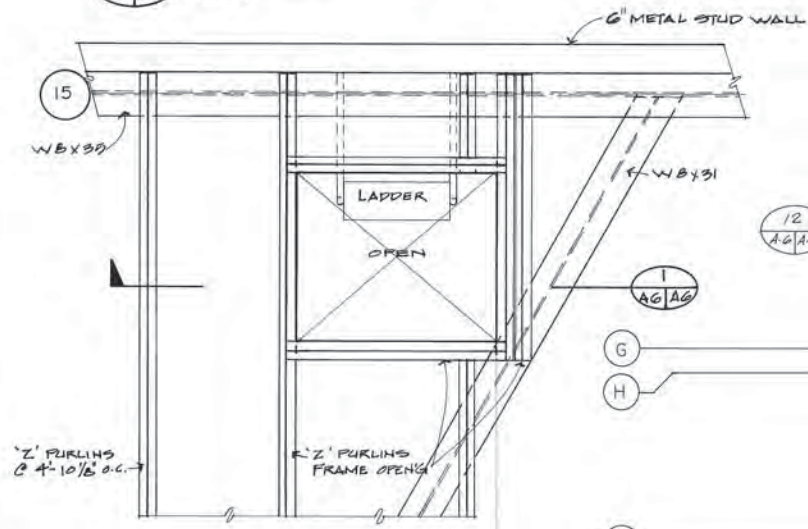


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**SCALE HOUSE PLAN, ELEVATIONS, SECTIONS**

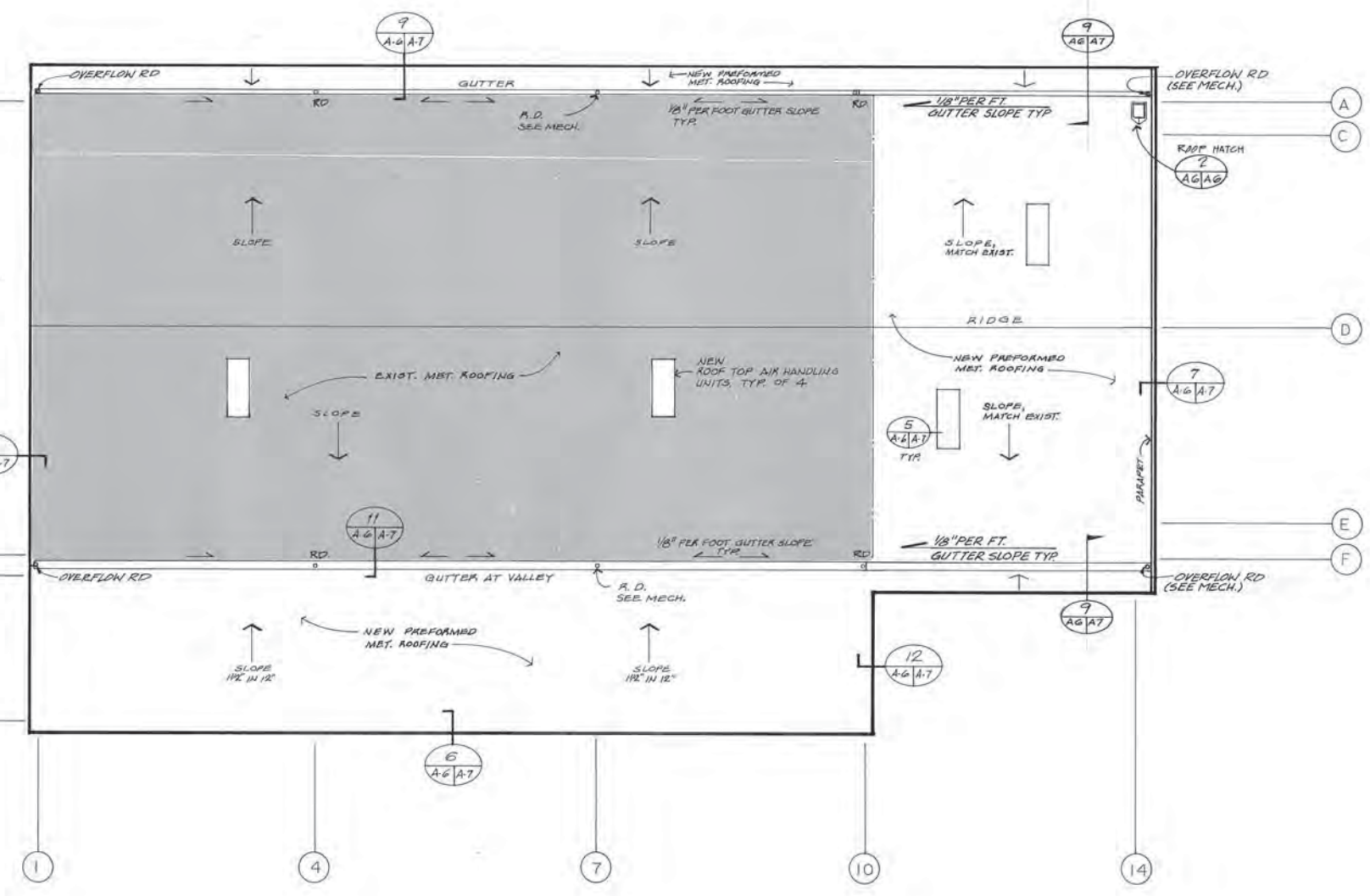
A-5  
 SHEET 26 OF 68



SECTION 1  
N.T.S.



SECTION 2  
SCALE - 3/4\"/>



TRANSFER STATION ROOF PLAN

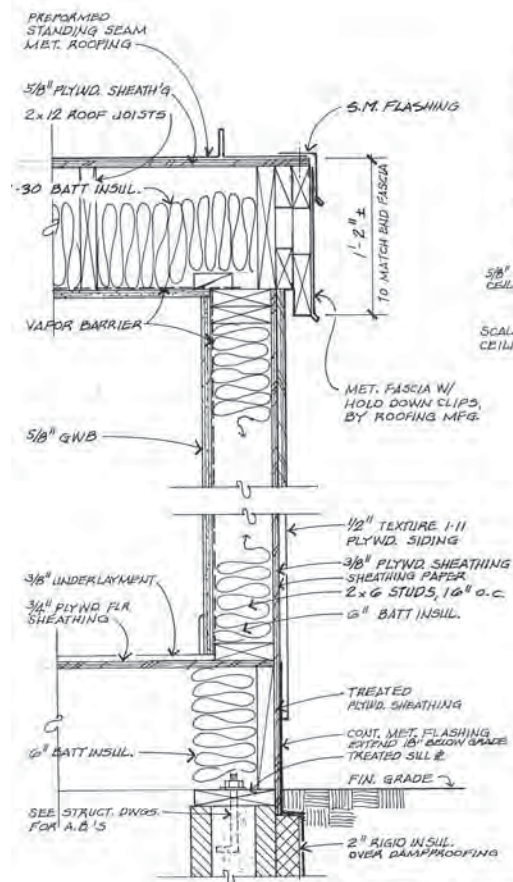
PROJECT NO. 86-010-04 MOA  
 DESIGNED : RDL  
 DRAWN : RDL  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : 1/16"=1'-0"

NO.	REVISION	DATE BY

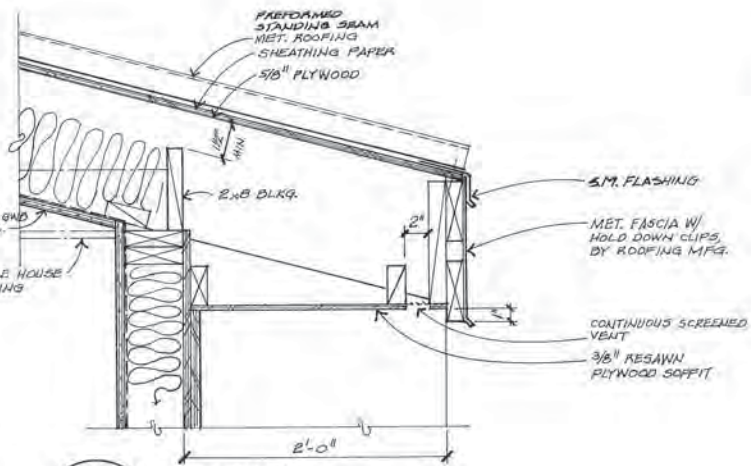


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER STATION ROOF PLAN**

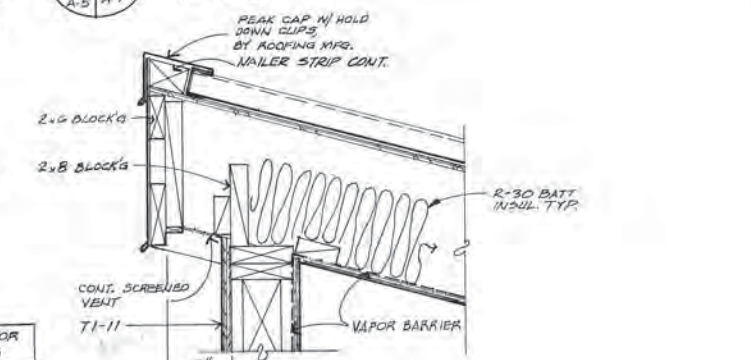
A-6  
 SHEET 27 OF 68



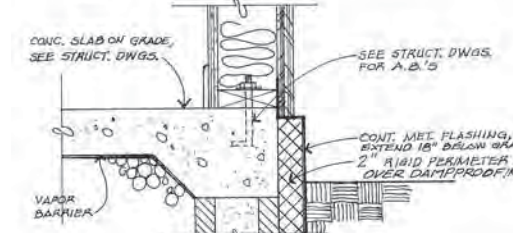
1 TYP. WALL SECTION  
1 1/2" = 1'-0"



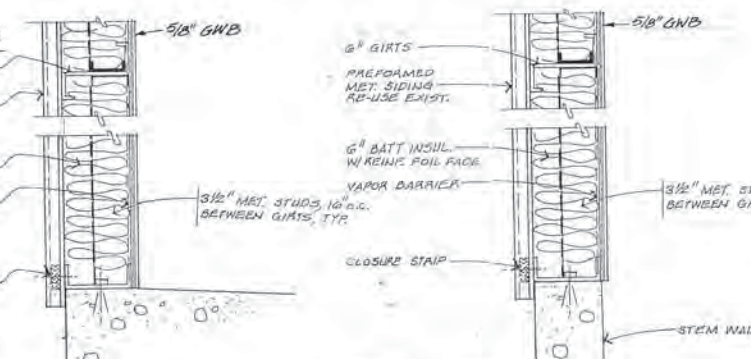
3 EAVE DET.  
1 1/2" = 1'-0"



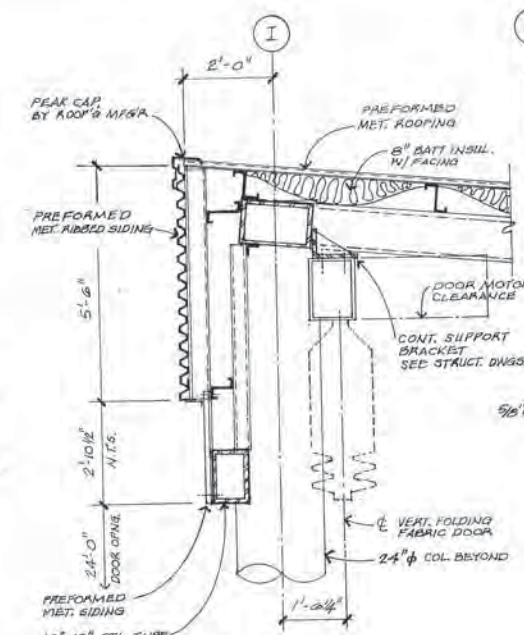
4 EAVE DET.  
1 1/2" = 1'-0"



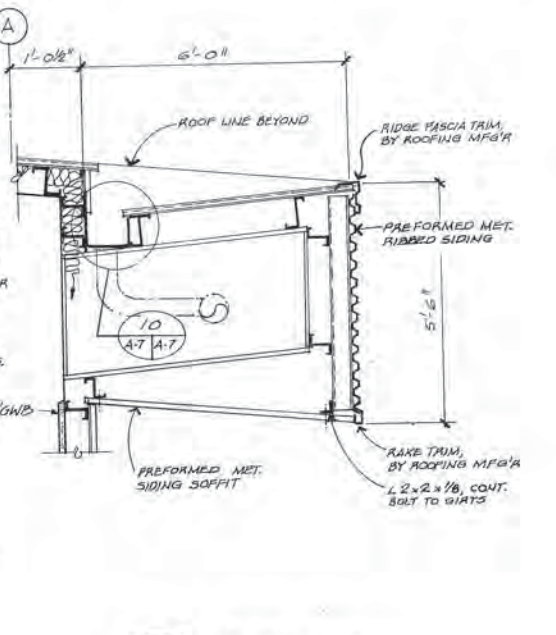
2 WALL SECTION @ SCALE HOUSE  
1 1/2" = 1'-0"



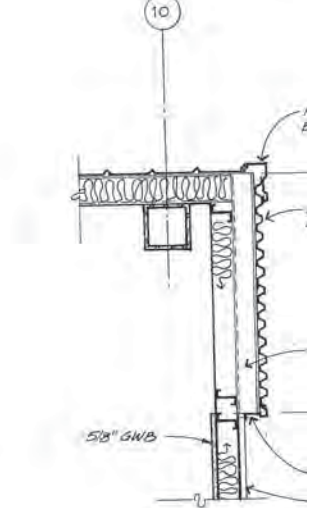
5 ROOF CURB  
3" = 1'-0"



6 ROOF DET.  
1 1/2" = 1'-0"

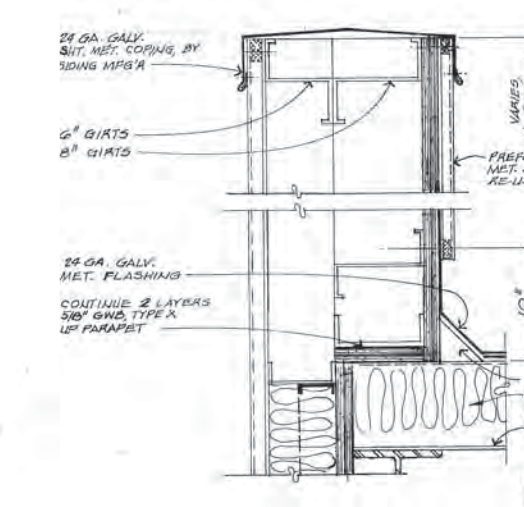


7 1-HOUR RATED PARAPET WALL  
1 1/2" = 1'-0"

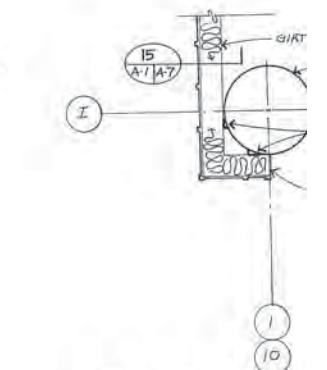


9 ROOF DET.  
1 1/2" = 1'-0"

12 ROOF DET.  
1 1/2" = 1'-0"

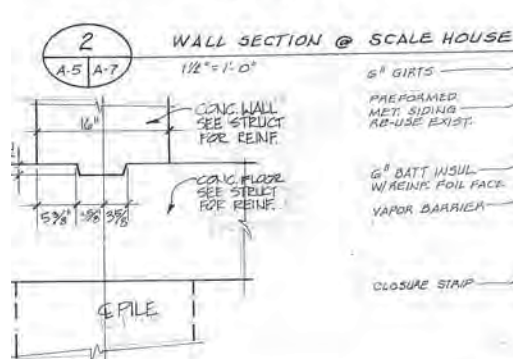


10 GUTTER  
1 1/2" = 1'-0"

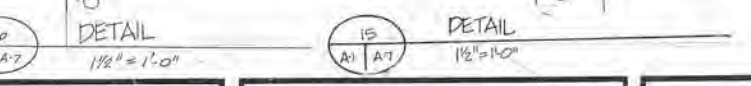


11 GUTTER  
1 1/2" = 1'-0"

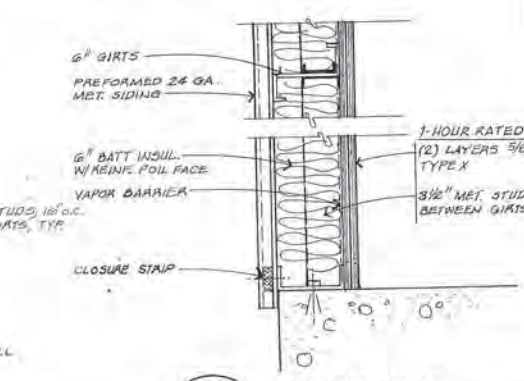
13 WALL DE  
1 1/2" = 1'-0"



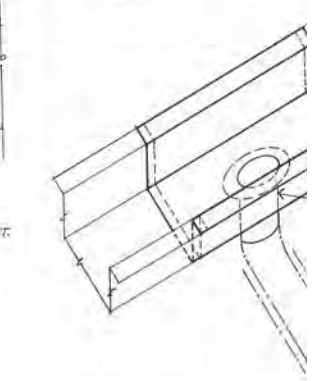
16 DETAIL  
1 1/2" = 1'-0"



15 DETAIL  
1 1/2" = 1'-0"



8 TYPICAL WALL  
1 1/2" = 1'-0"



14 ROOF  
NO SCALE

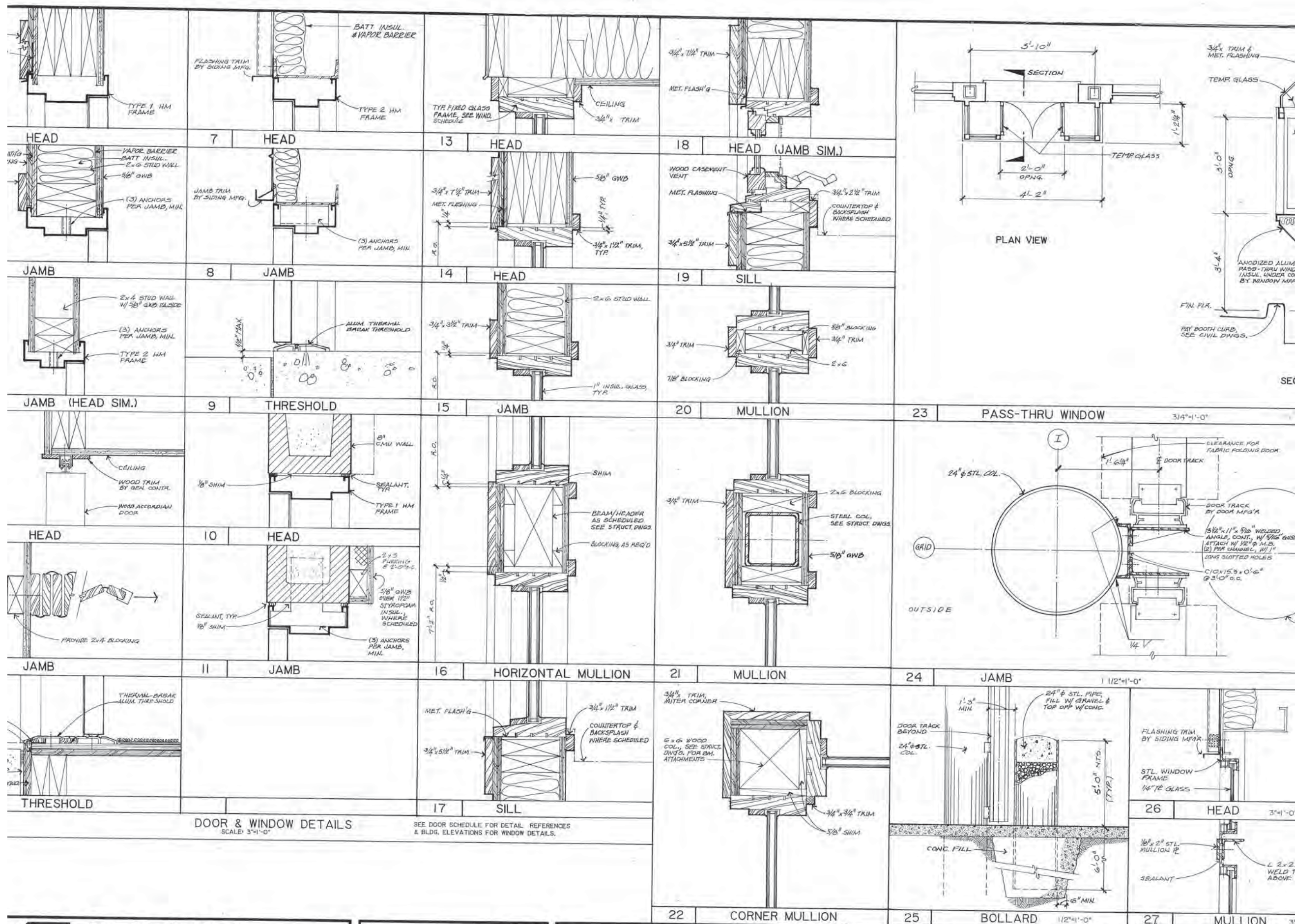
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04 MOA  
 DESIGNED: RDL  
 DRAWN: RDL  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**WALL DETAILS**



DOOR & WINDOW DETAILS  
 SCALE: 3/16"=1'-0"  
 SEE DOOR SCHEDULE FOR DETAIL REFERENCES & BLDG. ELEVATIONS FOR WINDOW DETAILS.

**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04 MOA  
 DESIGNED : R.D.L.  
 DRAWN : R.D.L.  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : AS NOTED

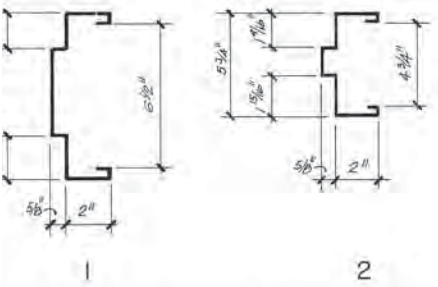
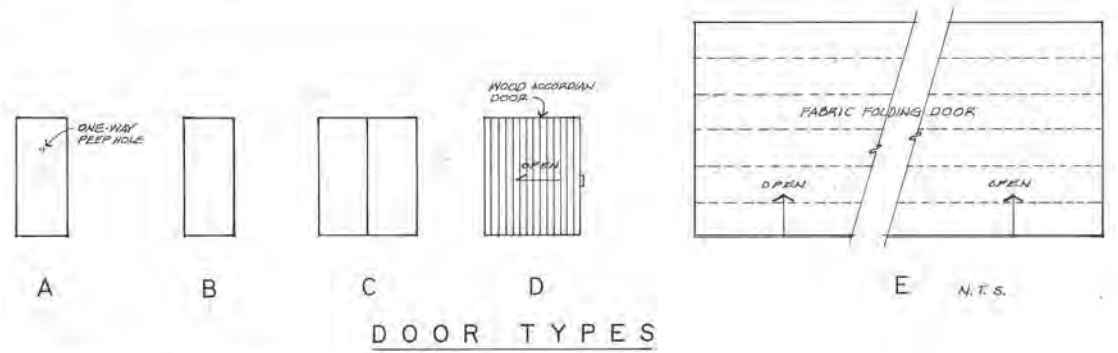
NO. REVISION DATE BY

MUNICIPALITY OF ANCHORAGE  
 SOLID WASTE SERVICES

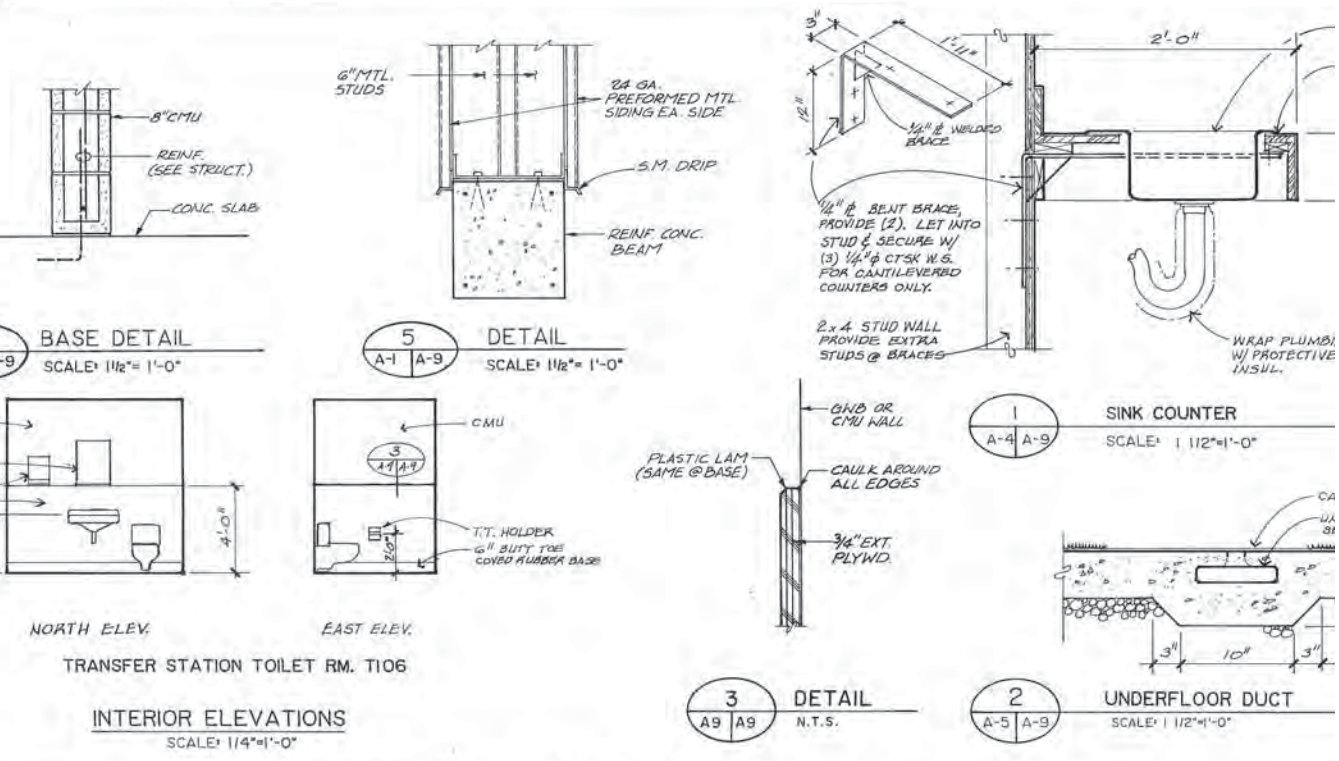
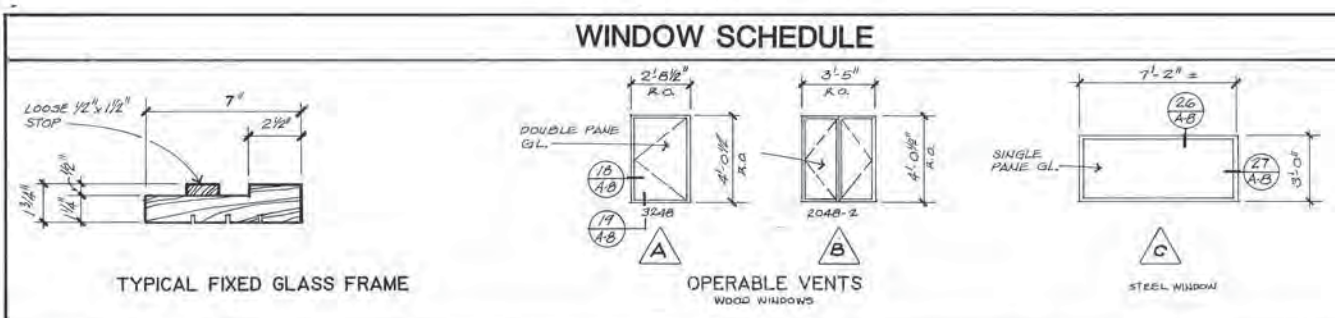
STATE OF ALASKA  
 PROFESSIONAL ENGINEER  
 R.D.L. 10187  
 500 E. 10TH AVE.  
 ANCHORAGE, ALASKA 99501

SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 DETAILS

DOOR SCHEDULE												
BUILDING	DOOR				FRAME					FIRE RATING	HOWE GROUP	REMARKS
	NO.	TYPE	MAT.	SIZE	TYPE	MAT.	HEAD	JAMB	SILL			
PAY BOOTH	P1	A	HM	3'-0" x 7'-0" x 1 3/4"	1	HM	1	2	6	-	6	INSULATED DOOR
PAY BOOTH	P2	D	WOOD	5'-10" x 7'-0"	-	-	4	5	-	-	-	
SCALE HOUSE	S3	A	HM	3'-0" x 7'-0" x 1 3/4"	1	HM	1	2	6	-	6	INSULATED DOOR
SCALE HOUSE	S4	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	3	3	-	-	7	
TRANSFER STATION	T5	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	7	8	9	-	1	INSULATED DOOR
TRANSFER STATION	T6	C	HM	PR 3'-0" x 7'-0" x 1 3/4"	1	HM	10	11	-	1 1/2 HR.	5	
TRANSFER STATION	T7	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	7	8	9	1-HR.	4	INSULATED DOOR
TRANSFER STATION	T8	B	HM	3'-0" x 7'-0" x 1 3/4"	1	HM	10	11	-	-	3	
TRANSFER STATION	T9	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	7	8	9	-	1	INSULATED DOOR
TRANSFER STATION	T10	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	7	8	9	-	1	INSULATED DOOR
TRANSFER STATION	T11	E	STEEL/PAN.	58'-4" x 24'-0"	-	-	6/A-7	24	-	-	-	ELECT. OPERATION
TRANSFER STATION	T12	E	STEEL/PAN.	58'-4" x 24'-0"	-	-	6/A-7	24	-	-	-	ELECT. OPERATION
TRANSFER STATION	T13	E	STEEL/PAN.	56'-10" x 24'-0"	-	-	6/A-7	24	-	-	-	ELECT. OPERATION
TRANSFER STATION	T14	B	HM	3'-0" x 7'-0" x 1 3/4"	2	HM	7	8	9	-	1	INSULATED DOOR
TRANSFER STATION	T15	B	HM	3'-0" x 7'-0" x 1 3/4"	1	HM	10	11	-	-	2	



ROOM FINISH SCHEDULE																	
BUILDING	RM. NO.	DESCRIPTION	BASE	FLOOR	WALLS								CEILING			REMARKS	
					NORTH		EAST		SOUTH		WEST		CEILING				
					MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HGT.	MAT.	FIN.		
PAY BOOTH	P101	TOILET	6" RUBBER	SHEET VINYL	-	M.R. GWB	PAINT	GWB	PAINT	M.R. GWB	PAINT	GWB	PAINT	7'-0"	GWB	PAINT	
PAY BOOTH	P102	PAY BOOTH	4" RUBBER	CARPET	-	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	VARIES	GWB	PAINT	
SCALE HOUSE	S103	SCALE HOUSE	2" RUBBER	CARPET	-	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	9'-0 3/8"	GWB	PAINT	
SCALE HOUSE	S104	TOILET	6" RUBBER	SHEET VINYL	-	M.R. GWB	ENAMEL	GWB	ENAMEL	GWB	ENAMEL	M.R. GWB	ENAMEL	9'-0 3/8"	GWB	PAINT	
TRANSFER STATION	T105	BOILER RM.	-	CONC.	H.P. SEALER	CMU	-	GWB	PAINT	CMU	-	CMU	-	12'-0"	GWB	PAINT	
TRANSFER STATION	T106	TOILET	6" RUBBER #1	-	M.R. GWB	ENAMEL	CMU	ENAMEL	CMU	ENAMEL	CMU	ENAMEL	CMU	8'-0"	GWB	ENAMEL	*PLAST. LAM. WAINSCOT #1 BUTT JOE COVERED
TRANSFER STATION	T107	ELECT. RM.	-	CONC.	SEALER	CMU	-	GWB	PAINT	CONC.	-	CMU	-	8'-0"	GWB	PAINT	
TRANSFER STATION	T108	TIPPING AREA	-	CONC.	H.P. SEALER	GWB/EXIST.	ENAMEL	GWB	ENAMEL	GWB	ENAMEL	GWB/EXIST.	ENAMEL	VARIES	STRUC/INSUL.	-	



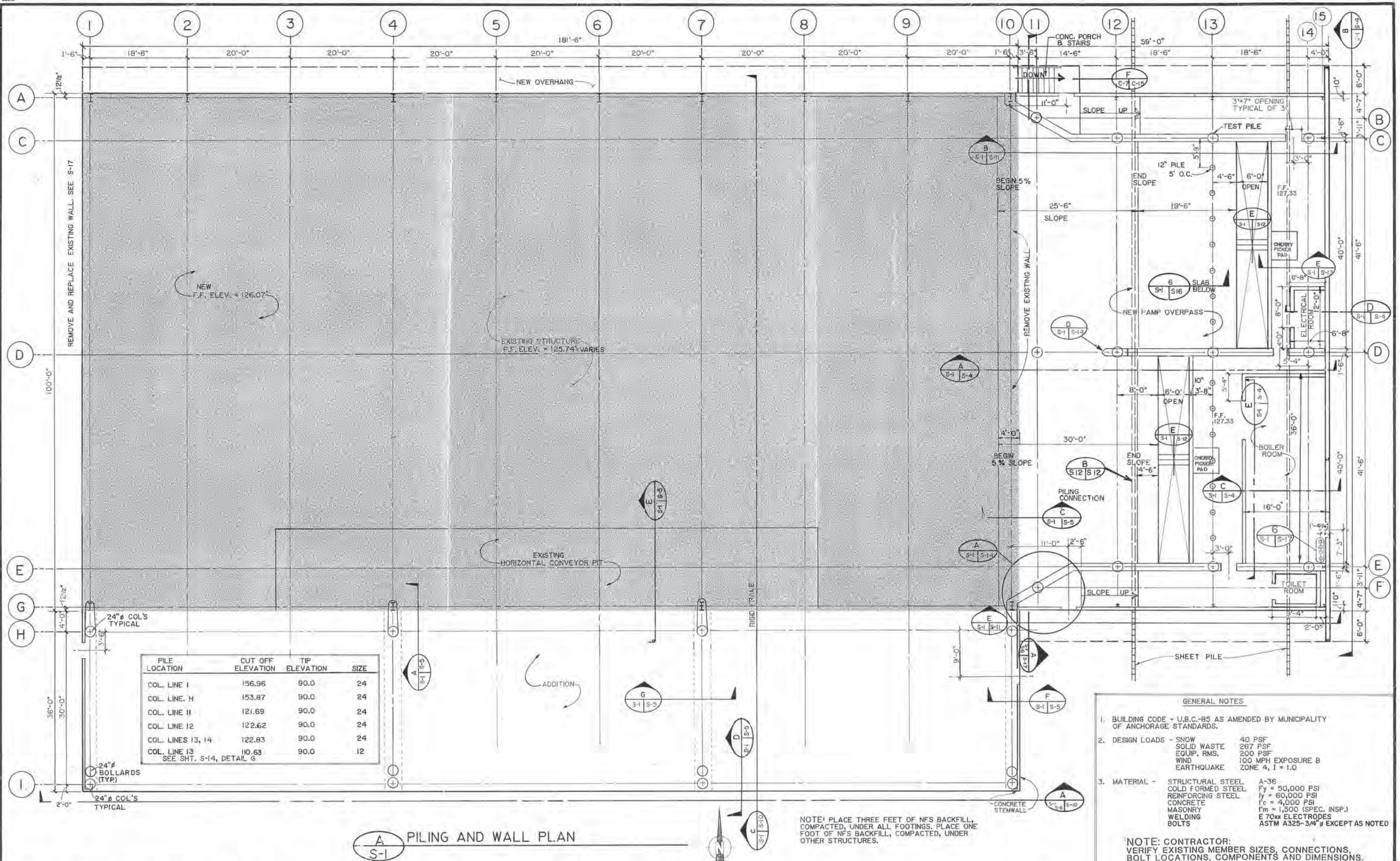
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. B6-010-04 MOA  
 DESIGNED: R.D.L.  
 DRAWN: R.D.L.  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO. REVISION DATE BY

STATE OF ALASKA  
 PROFESSIONAL ENGINEER

SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**DOOR & ROOM FINISH SCHEDULES**



PILE LOCATION	CUT OFF ELEVATION	TIP ELEVATION	SIZE
COL. LINE I	156.96	90.0	24
COL. LINE H	153.87	90.0	24
COL. LINE II	121.69	90.0	24
COL. LINE 12	122.62	90.0	24
COL. LINES 13, 14	122.83	90.0	24
COL. LINE 13 SEE SHT. S-14, DETAIL G	110.63	90.0	12

**A**  
S-1 PILING AND WALL PLAN

NOTE: PLACE THREE FEET OF NFS BACKFILL, COMPACTED, UNDER ALL FOOTINGS. PLACE ONE FOOT OF NFS BACKFILL, COMPACTED, UNDER OTHER STRUCTURES.

- GENERAL NOTES**
- BUILDING CODE - U.B.C.-85 AS AMENDED BY MUNICIPALITY OF ANCHORAGE STANDARDS.
  - DESIGN LOADS - SNOW 40 PSF  
SOLID WASTE EQUIP. RMS. 267 PSF  
WIND 200 PSF  
EARTHQUAKE 100 MPH EXPOSURE B ZONE 4, I = 1.0
  - MATERIAL - STRUCTURAL STEEL A-36 Fy = 50,000 PSI  
COLD FORMED STEEL Fy = 60,000 PSI  
REINFORCING STEEL fy = 40,000 PSI  
CONCRETE f'm = 1,500 (SPEC. INSP.)  
MASONRY E 70xx ELECTRODES ASTM A325-3/4" EXCEPT AS NOTED  
WELDING E 70xx BOLTS

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

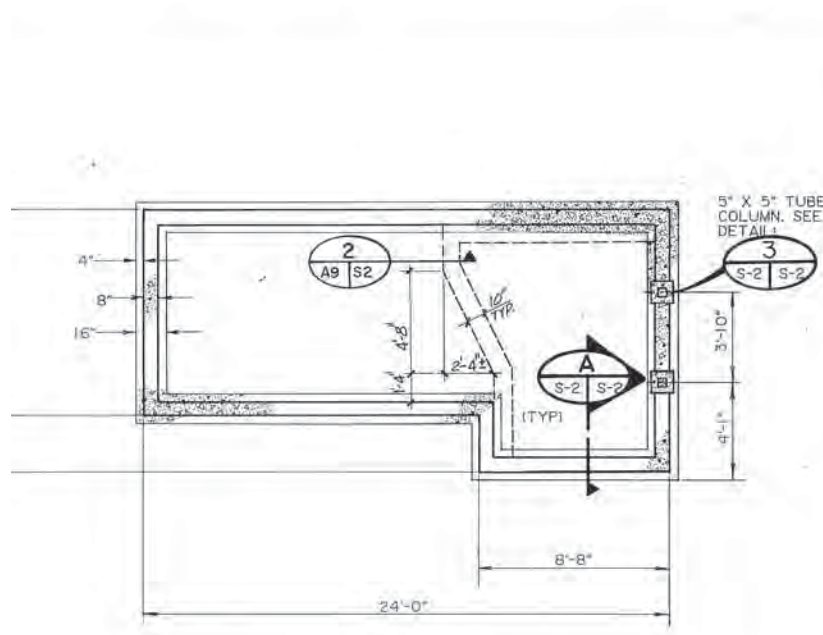
PROJECT NO. 86-010-04  
DESIGNED BY: RLE  
DRAWN BY: AKF, bh, KLA  
CHECKED BY:  
DATE: JAN. 20, 1987  
SCALE: 1/8" = 1'-0"

NO.	REVISION	DATE BY

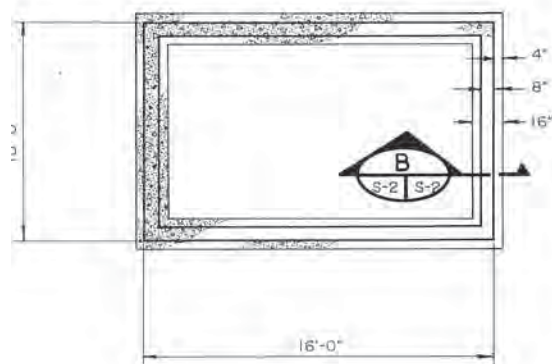


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
PILING & WALL PLAN

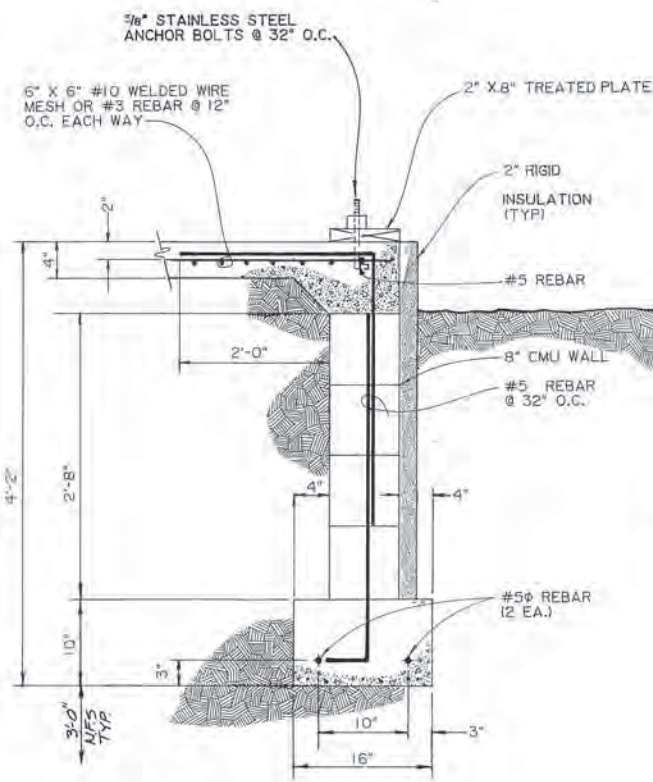




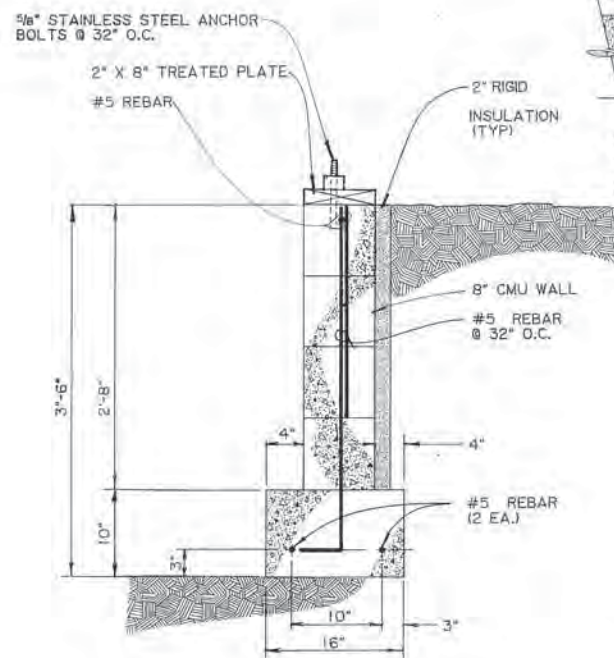
**1** SCALE HOUSE - FOUNDATION PLAN  
S-2  
1/4" = 1'-0"



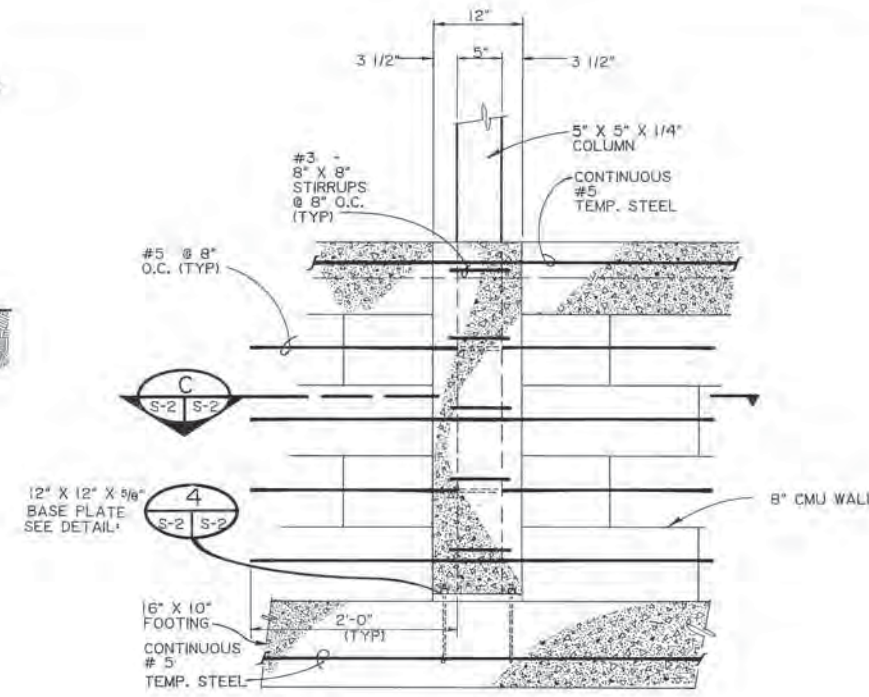
**2** PAY BOOTH - FOUNDATION PLAN  
S-2  
1/4" = 1'-0"



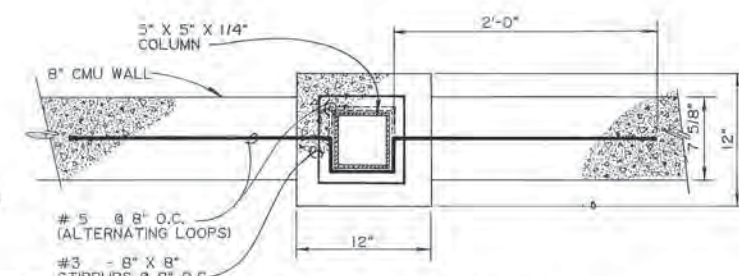
**A** SECTION  
S-2 S-2  
N.T.S.



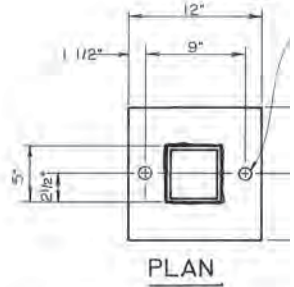
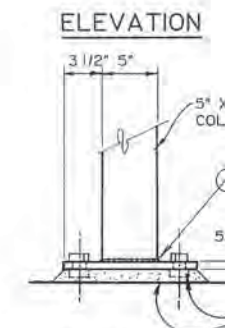
**B** SECTION  
S-2 S-2  
N.T.S.



**3** COLUMN DETAIL  
S-2 S-2  
N.T.S.



**C** COLUMN SECTION  
S-2 S-2  
1/2" = 1'-0"



**4** BASE PLATE  
S-2 S-2

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

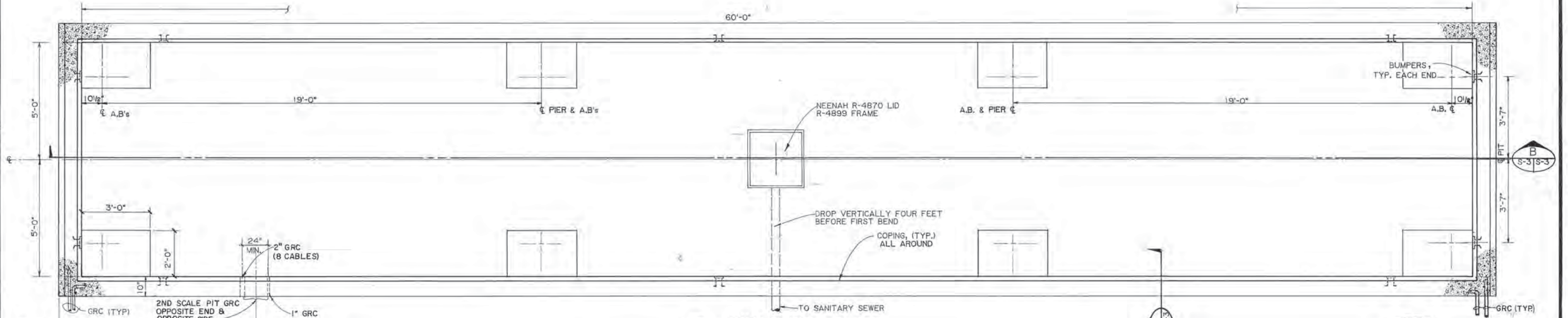
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: RJH  
DRAWN: bh, AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

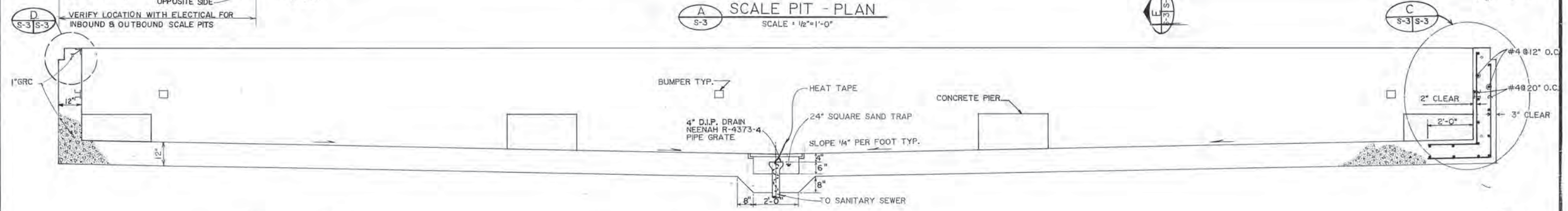
NO.	REVISION	DATE	BY



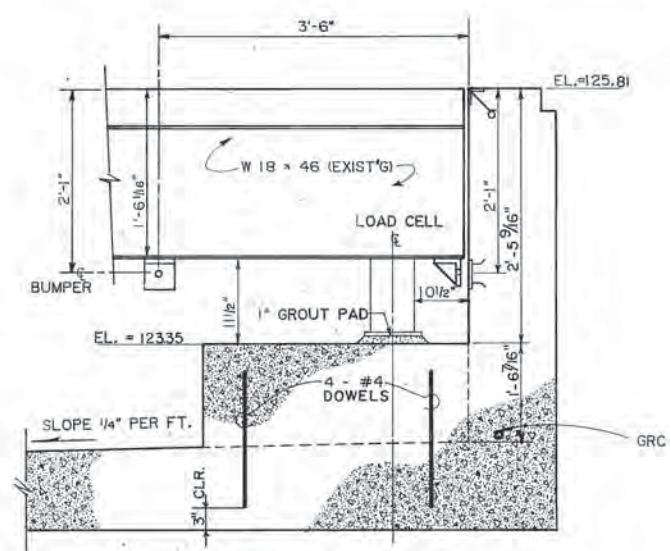
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**SCALE HOUSE & PAY BOOTH FOUNDATION**  
PLAN, SECTIONS, DETAILS



**A SCALE PIT - PLAN**  
SCALE: 1/2" = 1'-0"



**B SCALE PIT - SECTION**  
SCALE: 1/2" = 1'-0"  
(TYPICAL OF 2)



**C PIERS**  
SCALE: 1" = 1'-0"

**D DETAIL**  
SCALE: 1 1/2" = 1'-0"

**E SECTION**  
SCALE: 1/2" = 1'-0"

**NOTES**  
CHECK STRAIGHTNESS OF EXISTING DECK BEFORE LAYING OUT THE NEW PIT. MAKE ALLOWANCES IF NECESSARY.

**NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.**

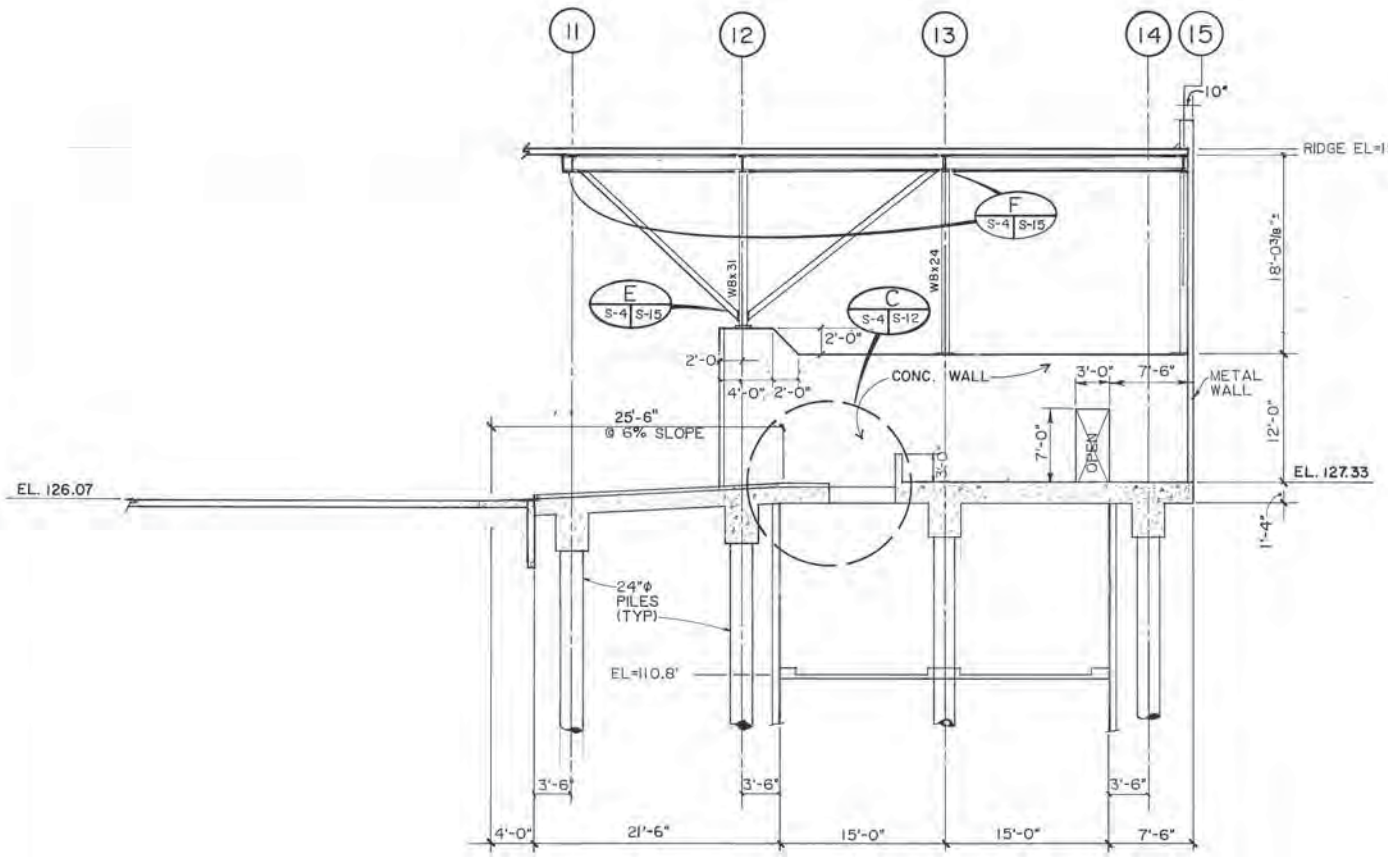
PROJECT NO. 86-010-04  
DESIGNED: RLE  
DRAWN: VMS, LAM, AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE BY

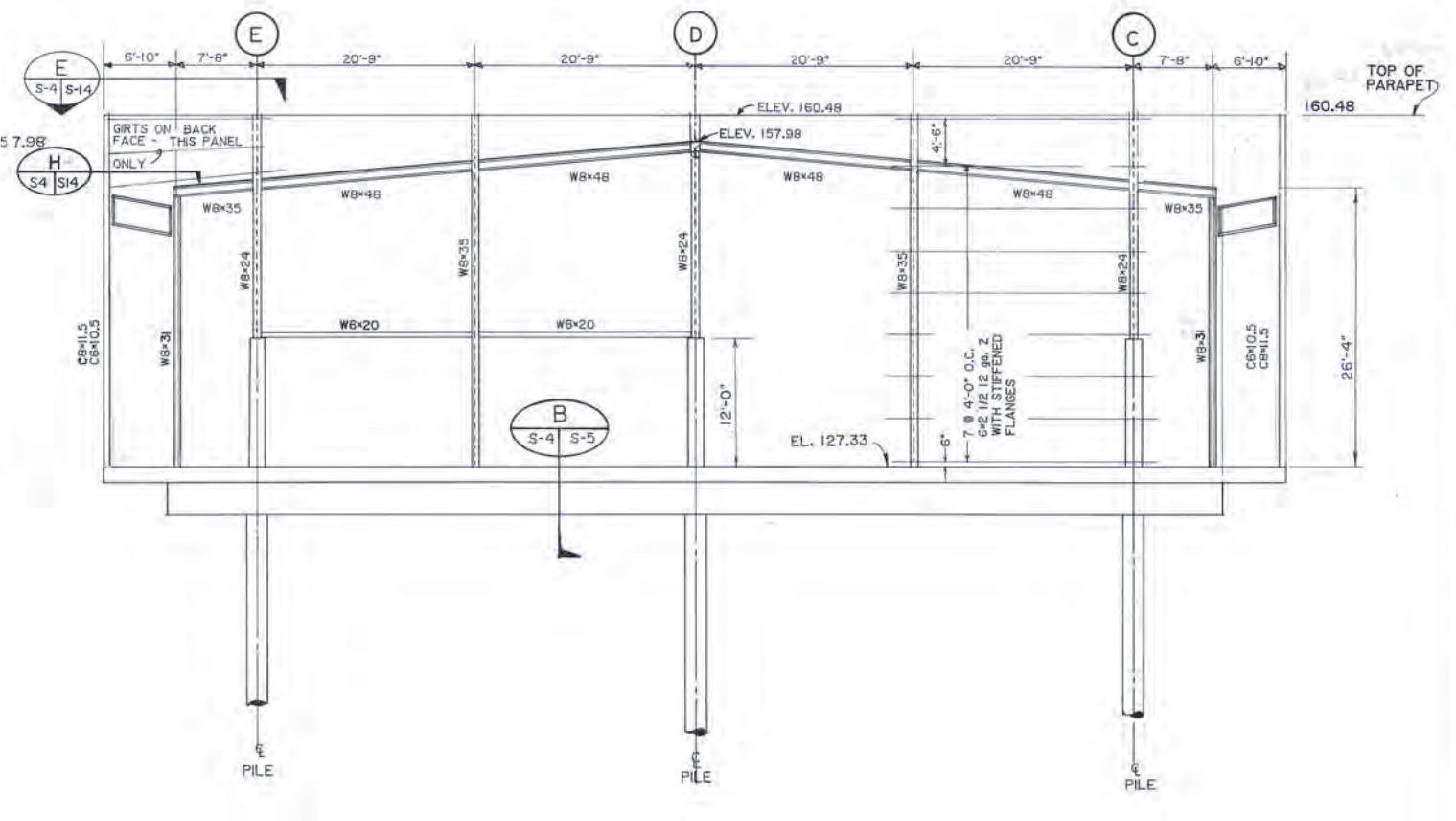


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SCALE PIT

S-3  
SHEET 33 OF 68

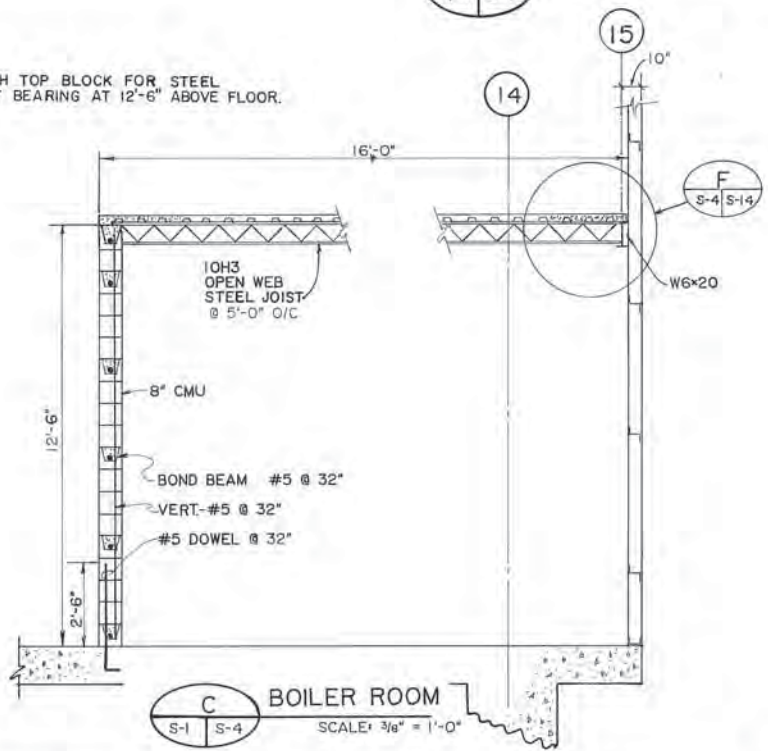


SECTION A  
S-1 S-6 S-4 SCALE: 1/8" = 1'-0"

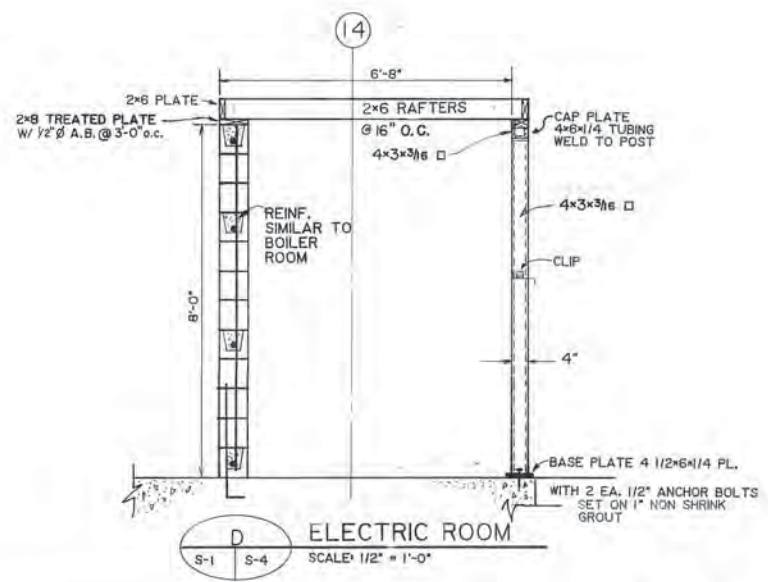


SECTION B  
S-1 S-4 SCALE: 1/8" = 1'-0"

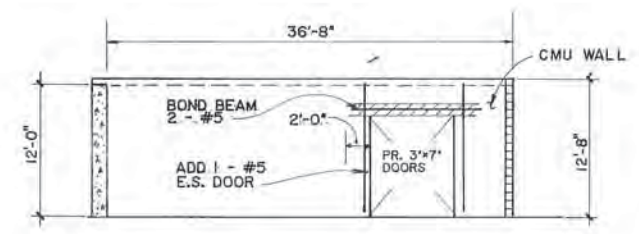
NOTE: NOTCH TOP BLOCK FOR STEEL JOIST BEARING AT 12'-6" ABOVE FLOOR.



SECTION C  
S-1 S-4 SCALE: 3/8" = 1'-0"



SECTION D  
S-1 S-4 SCALE: 1/2" = 1'-0"



SECTION E  
S-1 S-4 ELEV. WEST WALL BOILER ROOM  
SCALE: 1/8" = 1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED BY J.B.  
DRAWN BY AKF,bh  
CHECKED BY  
DATE JAN. 20, 1987  
SCALE AS NOTED

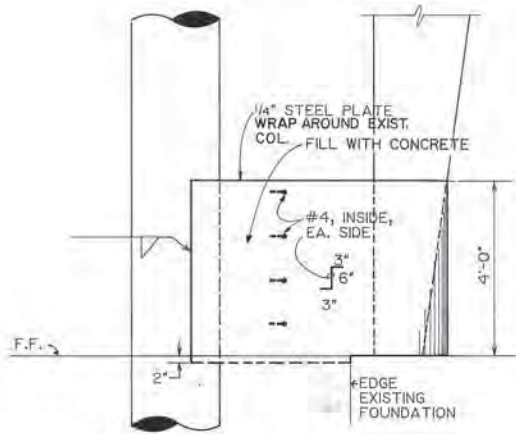
NO.	REVISION	DATE BY



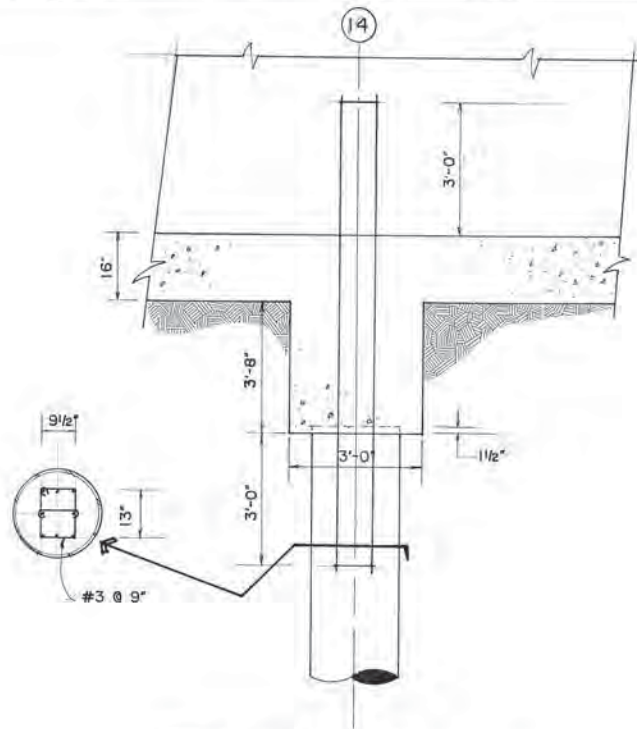
*Handwritten signature*

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
PILING & WALL SECTIONS

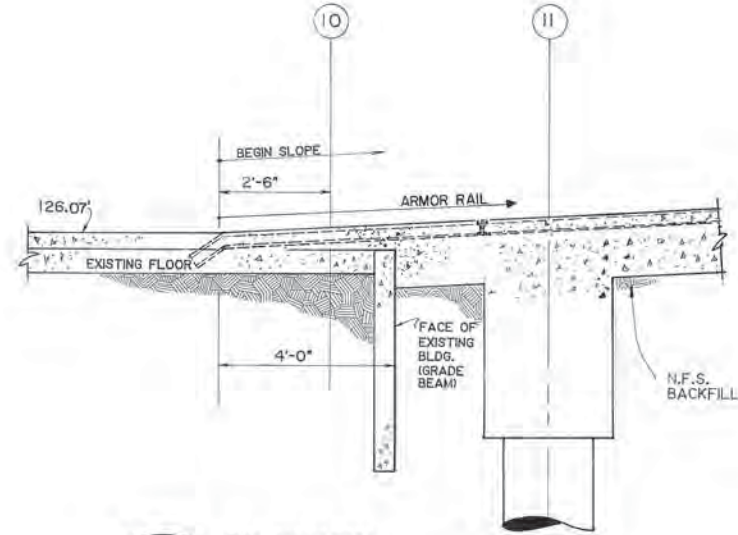
S-4  
SHEET 34 OF 68



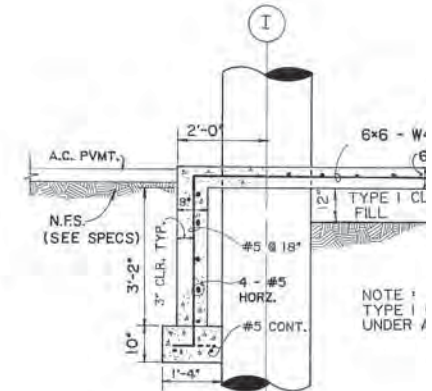
**A** ARMOR COLUMNS  
S-1 | S-5  
SCALE: 1/2" = 1'-0"



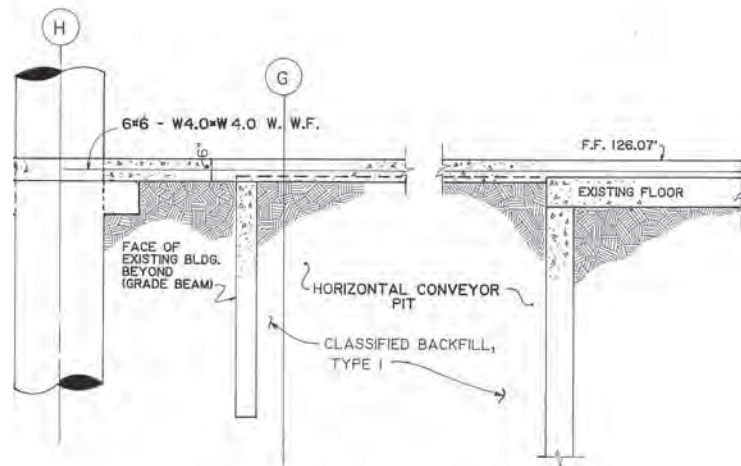
**B** FLOOR BEAM  
S-4 | S-5  
SCALE: 1/2" = 1'-0"



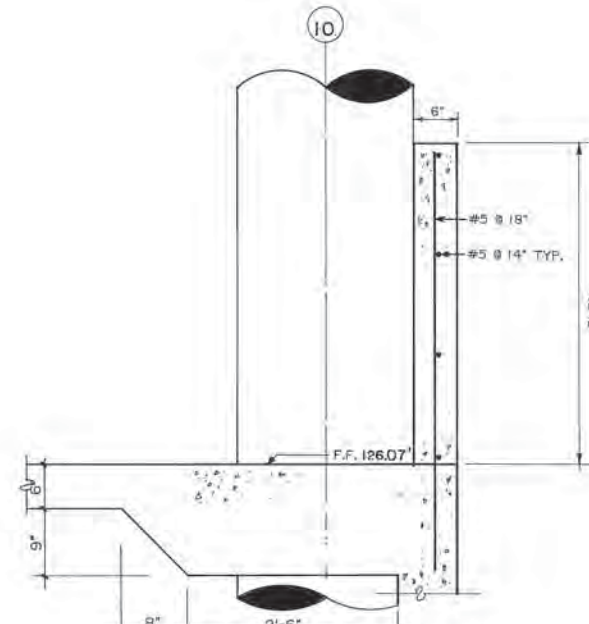
**C** TRANSITION  
S-1 | S-5  
SCALE: 1/2" = 1'-0"



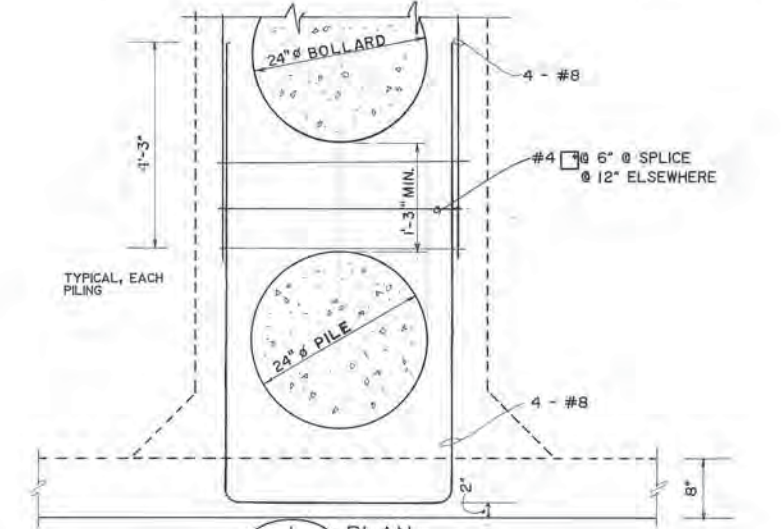
**D** FOUNDATION  
S-1 | S-5  
SCALE: 1/2" = 1'-0"



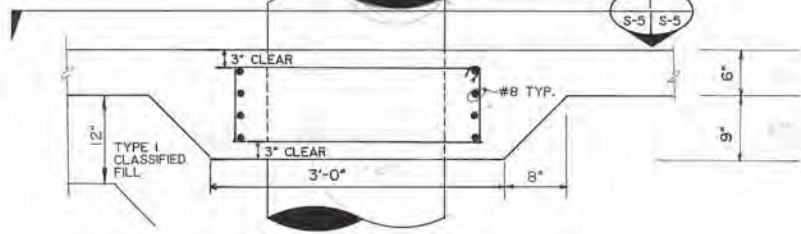
**E** FLOOR  
S-1 | S-5  
SCALE: 1/2" = 1'-0"



**F** CONCRETE STEMWALL  
S-1 | S-5  
SCALE: 1" = 1'-0"



**G** TIE RODS  
S-5 | S-5  
SCALE: 1" = 1'-0"



**G** TIE RODS  
S-1 | S-5  
SCALE: 1" = 1'-0"

NOTE: CONTRACTOR:  
VERIFY EXISTING MEMBER SIZES, CONNECTIONS,  
BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

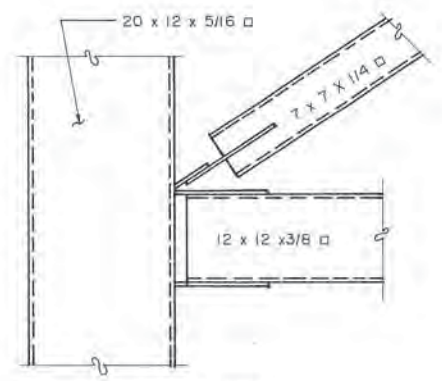
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: JB  
DRAWN: EB  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

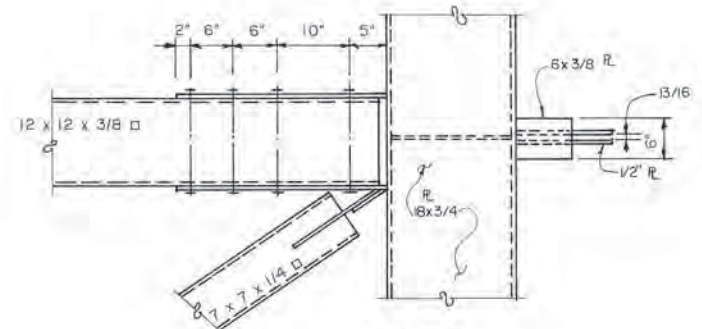
NO.	REVISION	DATE BY



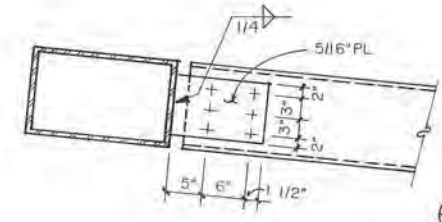
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
FOUNDATION, PILING, DETAILS



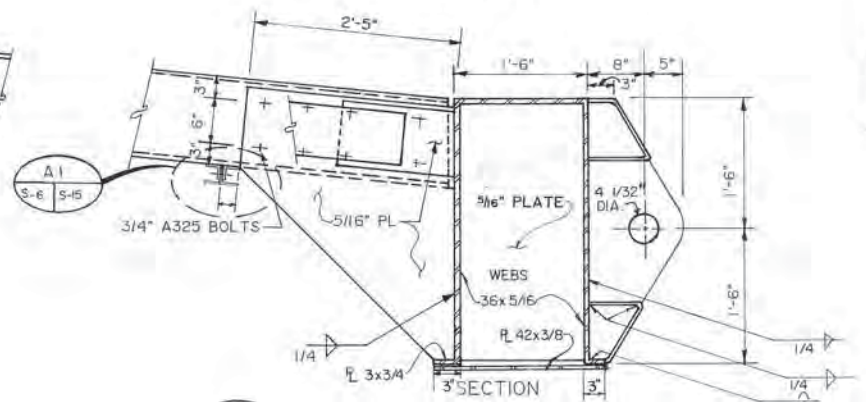
PLAN VIEW



PLAN VIEW



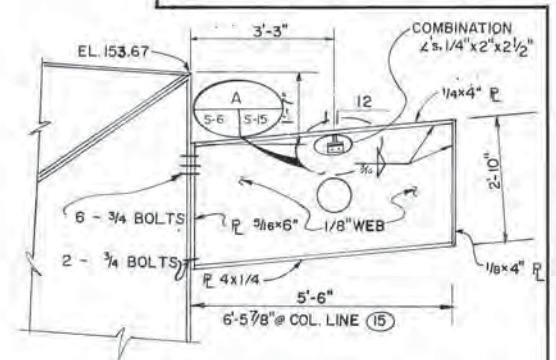
SECTION



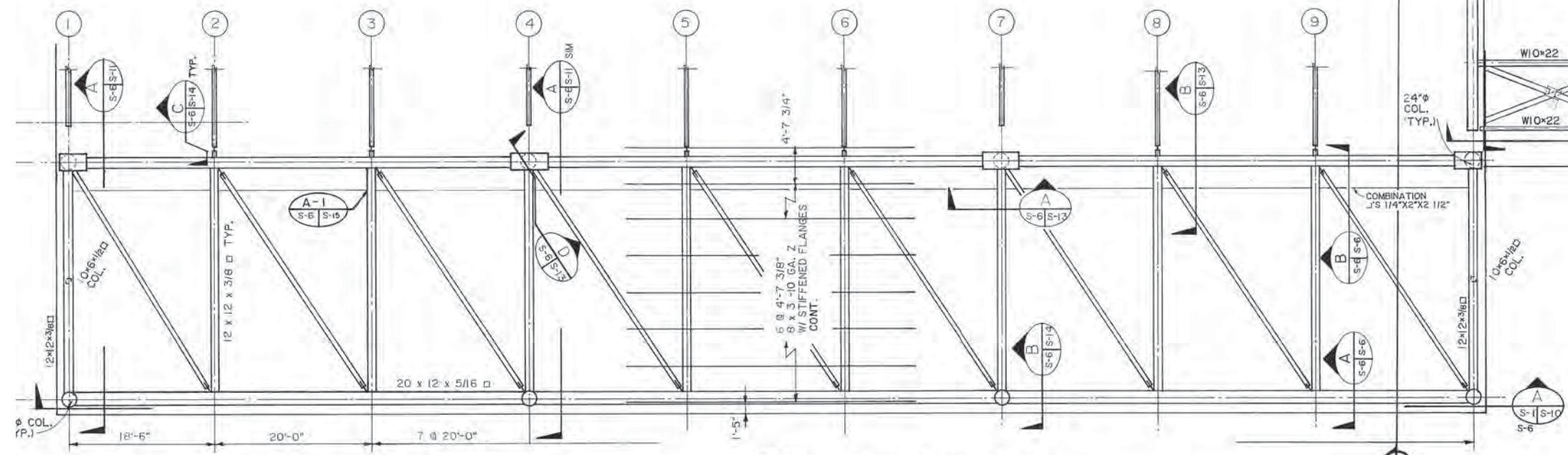
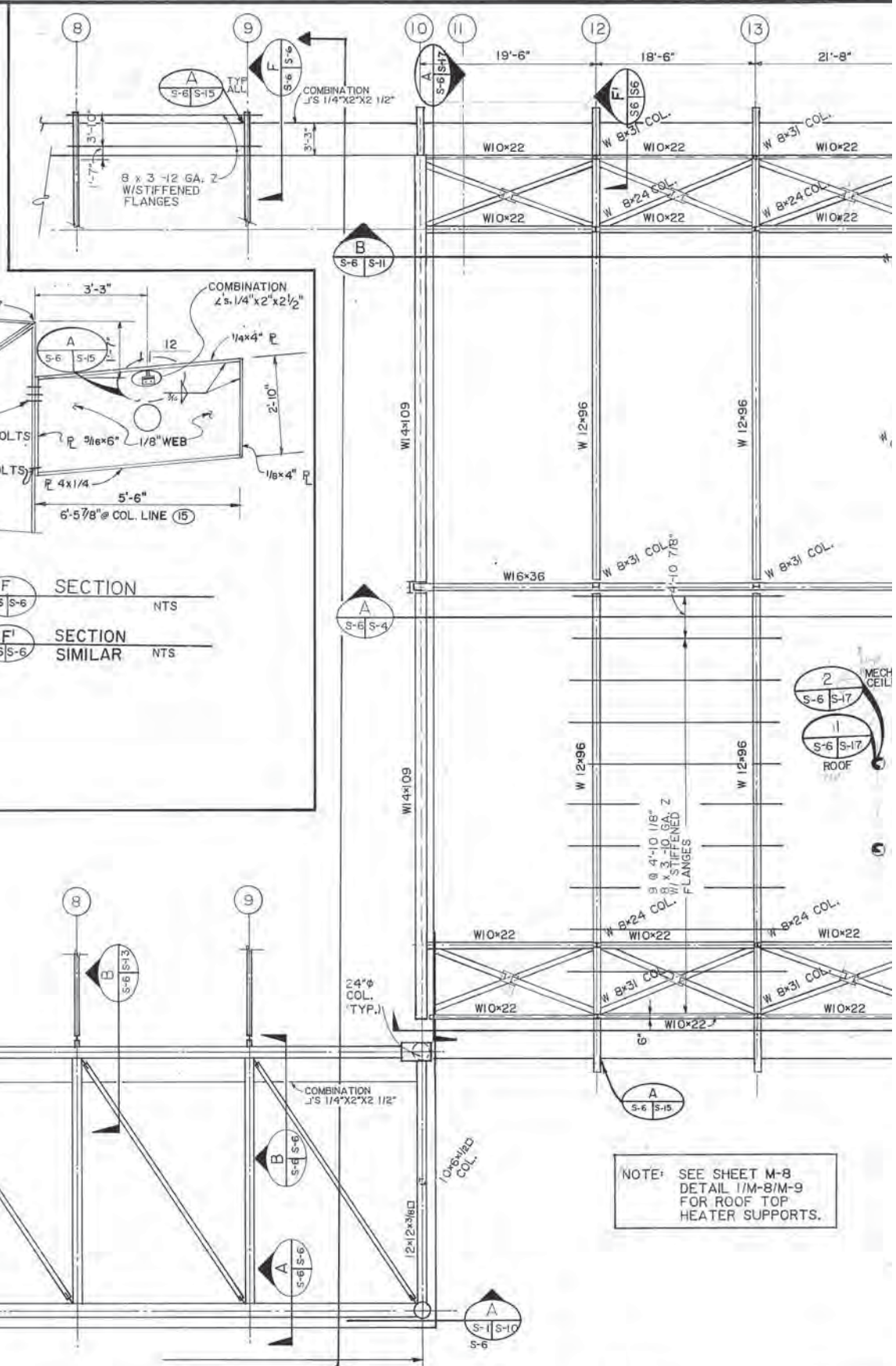
SECTION

A SOUTH CHORD  
SCALE: 1"=1'-0"

B NORTH CHORD  
SCALE: 1"=1'-0"



F SECTION NTS  
F' SECTION SIMILAR NTS



A ROOF FRAMING PLAN  
SCALE: 1/8"=1'-0"

NOTE: SEE SHEET M-8  
DETAIL 1/M-8/M-9  
FOR ROOF TOP  
HEATER SUPPORTS.

NOTE: CONTRACTOR:  
VERIFY EXISTING MEMBER SIZES, C  
BOLT LOCATIONS, COMPONENTS A

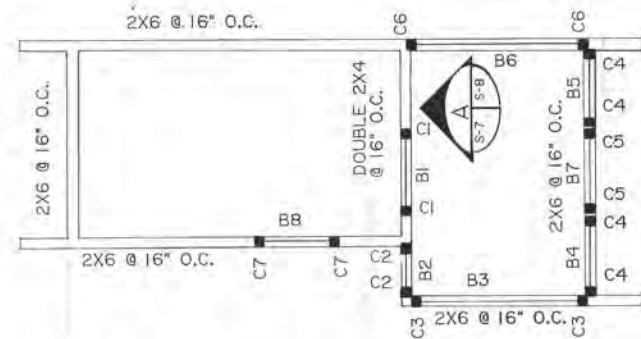


PROJECT NO. 86-010-04 MOA  
DESIGNED : JB, SC  
DRAWN : RDL, EB, AKF  
CHECKED :  
DATE : JAN. 20, 1987  
SCALE : AS NOTED

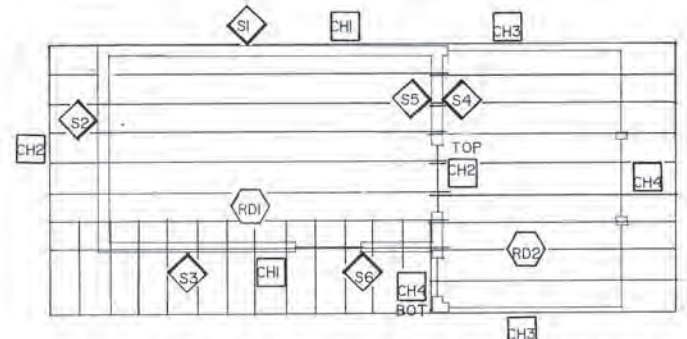
NO.	REVISION	DATE BY



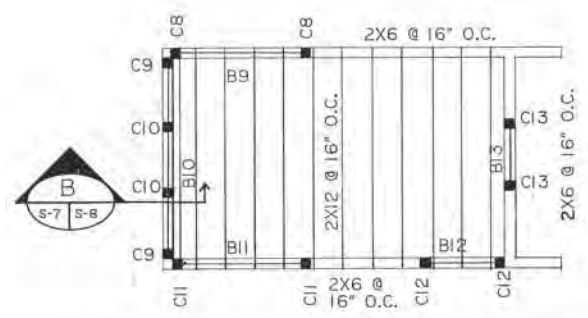
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION  
ROOF FRAMING PLAN**



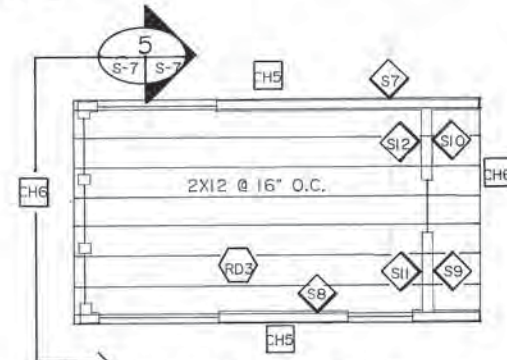
SCALE HOUSE - WALLS & FLOOR FRAMING PLAN  
1/4"=1'-0"



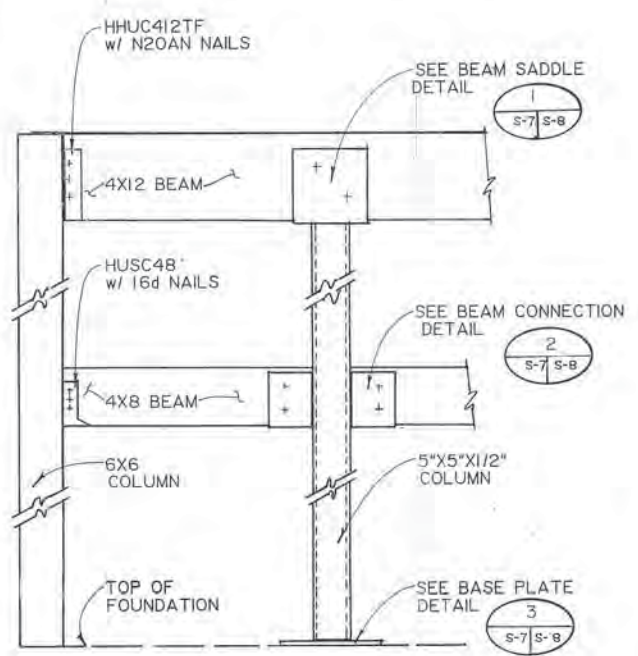
SCALE HOUSE - SHEAR WALLS, ROOF DIAPHRAGM & CHORD PLAN  
1/4"=1'-0"



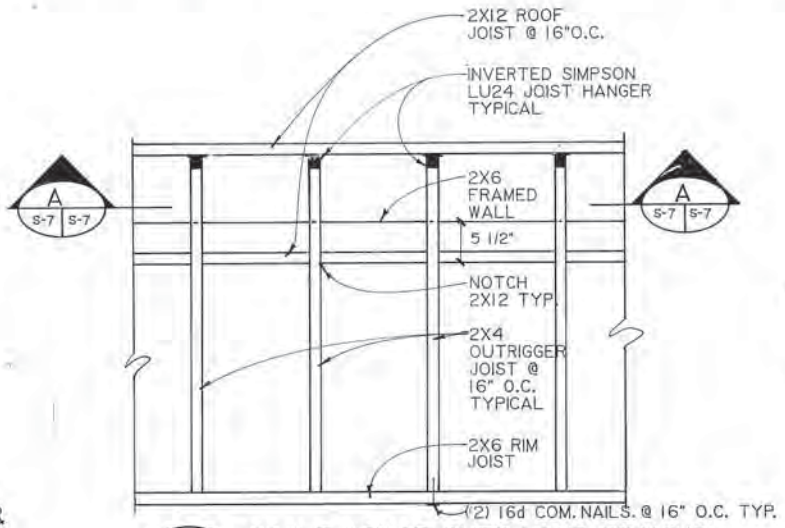
PAY BOOTH - WALLS & FLOOR FRAMING PLAN  
1/4"=1'-0"



PAY BOOTH - SHEAR WALLS, ROOF DIAPHRAGM & CHORD PLAN  
1/4"=1'-0"



SOUTH ELEVATION OF PAY BOOTH  
1"=1'-0"



SCALE HOUSE OVER HANG FRAMING  
1"=1'-0"

ROOF DIAPHRAGM SCHEDULE					
MARK	PLYWOOD	BLOCKING	BOUNDARY NAILS, SIZE & SPACING	EDGE NAILS SIZE & SPACING	INTERMEDIATE NAIL SIZE & SPACING
RD1	5/8" CDX	X	8d com/6" o.c.	8d com/6" o.c.	8d com/12" o.c.
RD2	5/8" CDX	X	8d com/6" o.c.	8d com/6" o.c.	8d com/12" o.c.
RD3	5/8" CDX	X	8d com/6" o.c.	8d com/6" o.c.	8d com/12" o.c.
SEE DETAIL C/S-9					

FASTENING SCHEDULE			
INTERMEDIATE NAIL SIZE & SPACING	ROOF DIAPHRAGM TO TOP PLATE, NAIL SIZE & SPACING	ANCHOR BOLTS & SPACING	OVERTURN ANCHORS
6d com/12" o.c.	16d com/8" o.c.	5/8" B/32" o.c.	10 2N *
6d com/12" o.c.	16d com/8" o.c.	5/8" B/32" o.c.	None
6d com/12" o.c.	16d com/8" o.c.	5/8" B/32" o.c.	10 2N *
10d com/12" o.c.	16d com/2" o.c.	5/8" B/8" o.c.	10 5 *
10d com/12" o.c.	16d com/2" o.c.	COMMON with S-4	
6d com/12" o.c.	16d com/8" o.c.	5/8" B/32" o.c.	10 2N *
8d com/12" o.c.	16d com/16" o.c.	16d com/8" o.c.	None
6d com/12" o.c.	16d com/8" o.c.	16d com/8" o.c.	10 2N *
8d com/12" o.c.	16d com/4" o.c.	16d com/4" o.c.	None
8d com/12" o.c.	16d com/4" o.c.	16d com/2" o.c.	10 2N *
8d com/12" o.c.	COMMON with S-9		
8d com/12" o.c.	COMMON with S-10		

\* - Simpson Strong Tie Connectors  
Note: Place one specified holddown on each side of appropriate wall.

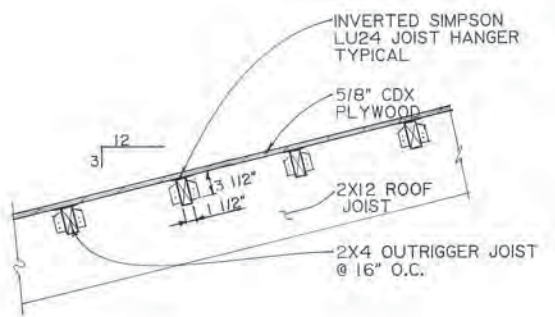
CHORD SCHEDULE			
MARK	DESCRIPTION	CONNECTION AND SPACING	DETAIL
CH 1	2 x 4 Hem Fir - Select Structural No. 2	2-1 16d com/16" o.c.	D S-7 S-9
CH 2	2 x 12 Hem Fir - Select Structural No. 2	3-1 16d com/16" o.c.	B S-7 S-9
CH 3	2 x 4 Hem Fir - Select Structural No. 2	2-1 16d com/16" o.c.	D S-7 S-9
CH 4	2 x 12 Hem Fir - Select Structural No. 2	3-1 16d com/16" o.c.	B S-7 S-9
CH 5	2 x 4 Hem Fir - Select Structural No. 2	2-1 16d com/16" o.c.	D S-7 S-9
CH 6	2 x 12 Hem Fir - Select Structural No. 2	3-1 16d com/16" o.c.	B S-7 S-9

BEAM SCHEDULE				
MARK	Min. SIZE	LENGTH (APPROX.)	TYPE	MIN. EI SUPP
B1	4 x 12	3'-0"	Hem Fir	2 x
B2	4 x 4	2'-0"	"	2 x
B-3	4 x 4	7'-4"	"	2 x
B4	4 x 4	3'-0"	"	2 x
B5	4 x 4	3'-0"	"	2 x
B6	4 x 4	7'-4"	"	2 x
B7	4 x 4	3'-0"	"	2 x
B8	4 x 4	3'-0"	"	2 x
B9	4 x 4	5'-0"	"	2 x
B10	4 x 12	8'-6"	"	2-1 2 x
B11	4 x 4	5'-0"	"	2 x
B12	4 x 4	3'-0"	"	2 x
B13	4 x 4	2'-4"	"	2 x

COLUMN SCHEDULE			
MARK	SIZE	LENGTH	BASE PLATE & ANCHOR BOLT
C1	2 x 4	7'-0"	N/A
C2	2 x 6	11'-0"	N/A
C3	2 x 6	7'-0"	N/A
C4	2 x 6	7'-0"	N/A
C5	5"x5"x1/4"	11'-0"	
C6	2 x 6	7'-0"	N/A
C7	2 x 6	7'-0"	N/A
C8	2 x 6	7'-0"	N/A
C9	2-1/2 x 6	11'-0"	N/A
C10	5"x5"x1/2"	11'-0"	
C11	2 x 6	7'-0"	N/A
C12	2 x 6	7'-0"	N/A
C13	2 x 6	7'-0"	N/A

SHEAR WALL SCHEDULE				
MARK	LENGTH	SHEATHING	BLOCKING	ED SIZE
S1	16'-0"	3/8" CDX	2 x 6	6d c
S2	8'-6"	3/8" CDX	2 x 6	6d c
S3	9'-0"	3/8" CDX	2 x 6	6d c
S4	4'-0"	1/2" CDX	2 x 4	10d c
S5	4'-0"	1/2" CDX	2 x 4	10d c
S6	3'-2"	3/8" CDX	2 x 6	6d c
S7	10'-0"	3/8" CDX	2 x 6	6d c
S8	5'-9"	3/8" CDX	2 x 6	8d c
S9	4'-0"	3/8" CDX	2 x 6	8d c
S10	3'-6"	3/8" CDX	2 x 6	8d c
S11	4'-0"	3/8" CDX	2 x 6	8d c
S12	3'-6"	3/8" CDX	2 x 6	8d c
SEE DETAIL A/S-9				

\* Install edge nails staggered @ specified spacing, two studs @ each stud location.  
\*\* Install plywood with face grain across the studs.  
1. Stainless Steel fasteners shall be used for all gross moisture situations.  
2. Fasteners and anchor bolts used in concrete footings stainless steel.



SECTION A-A  
1"=1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

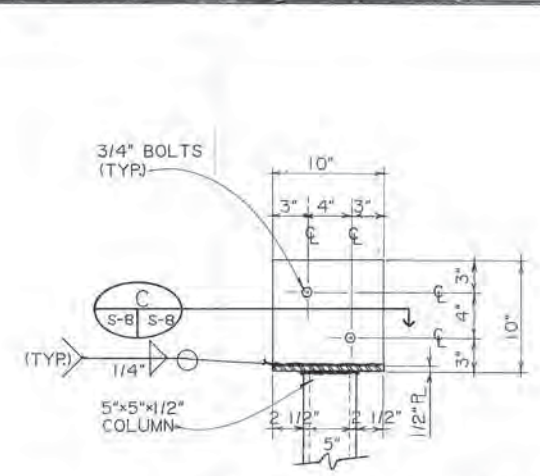


PROJECT NO. 86-010-04  
DESIGNED: R.J.H.  
DRAWN: K.L.A., AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

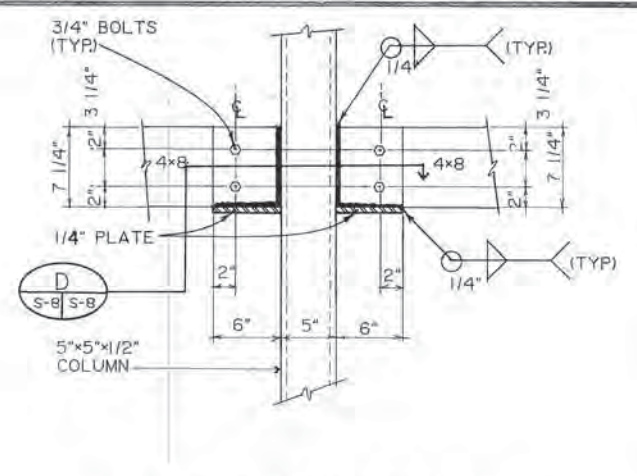
NO.	REVISION	DATE	BY



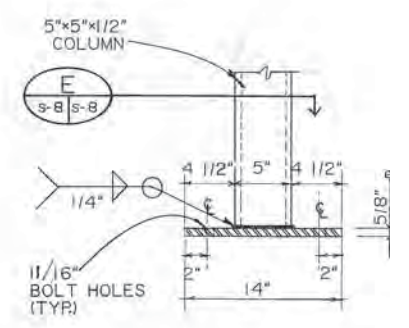
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SCALE HOUSE, PAY BOOTH  
FRAMING, SHEAR WALLS, ROOF DIAPHRAGM AND CHORD PLANS, SECTIONS



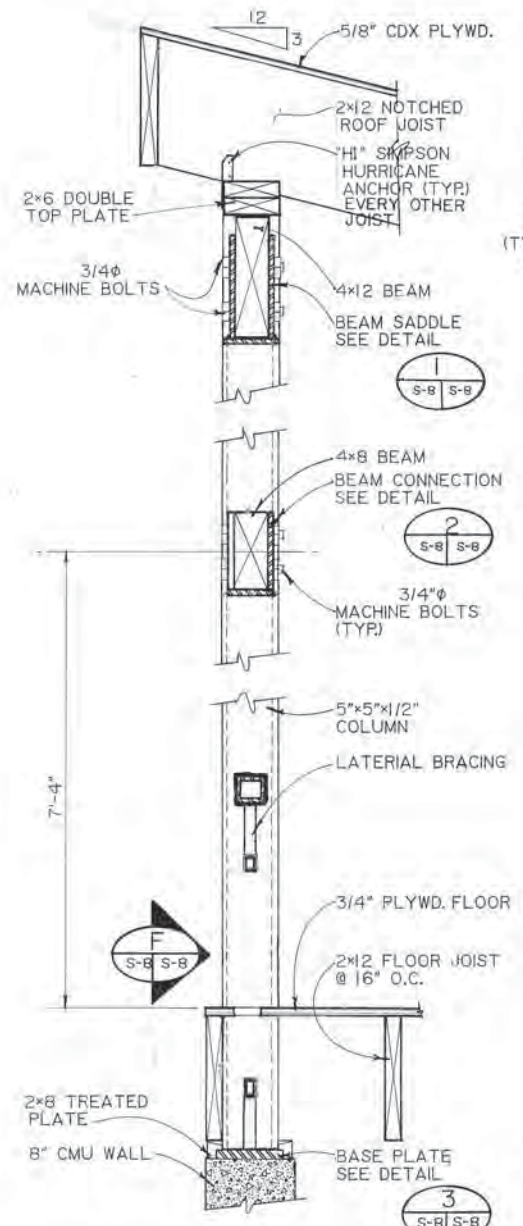
1 BEAM SADDLE DETAIL  
1/12"x1'-0"



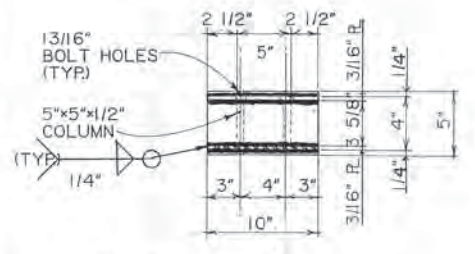
2 BEAM CONNECTION DETAIL  
1/12"x1'-0"



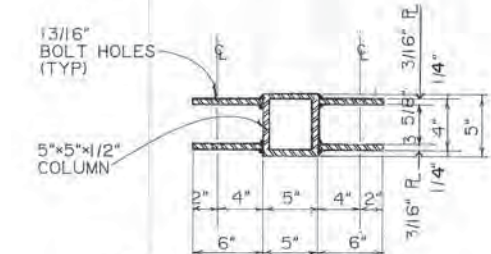
3 BASE PLATE DETAIL  
1/12"x1'-0"



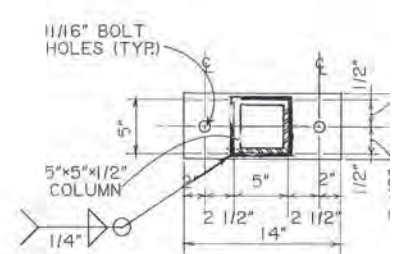
B SECTION  
1/12"x1'-0"



C SECTION  
1/12"x1'-0"

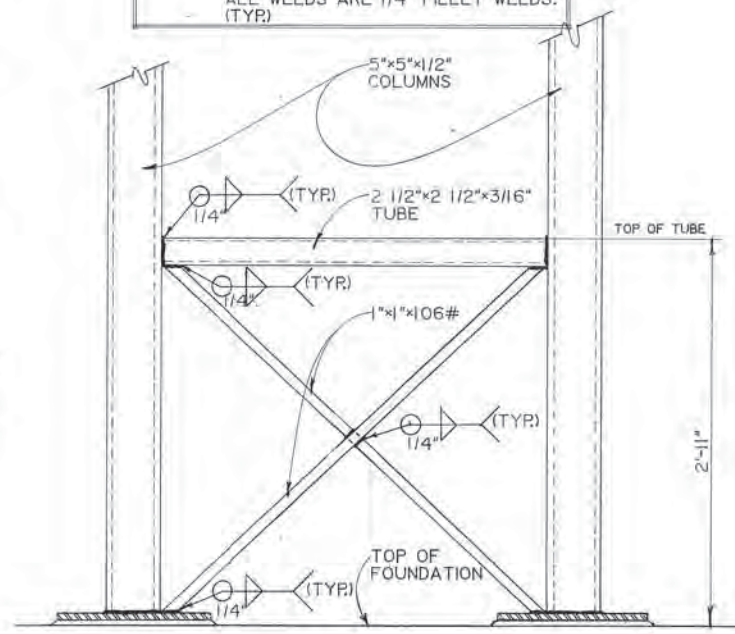


D SECTION  
1/12"x1'-0"

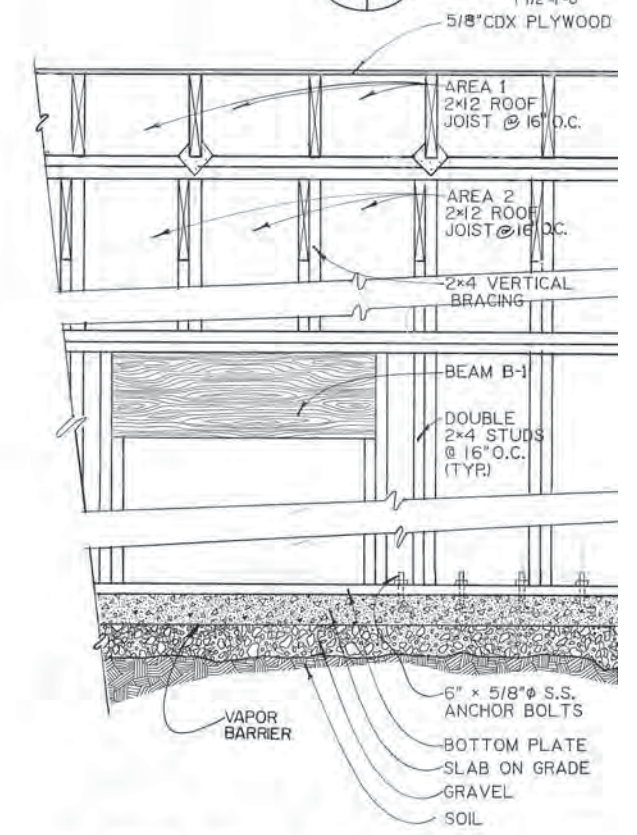


E SECTION  
1/12"x1'-0"

NOTE: WELD 2 1/2"x2 1/2"x3/16" HORIZONTAL BRACE TO THE COLUMN, THEN WELD THE 1"x1"x106# CROSS BRACE TO THE 3" HORIZONTAL BRACE, BASE PLATE AND THEN TO EACH OTHER. ALL WELDS ARE 1/4" FILLET WELDS. (TYP)



F LATERAL BRACING DETAIL  
1/12"x1'-0"



A SECTION  
1'-1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

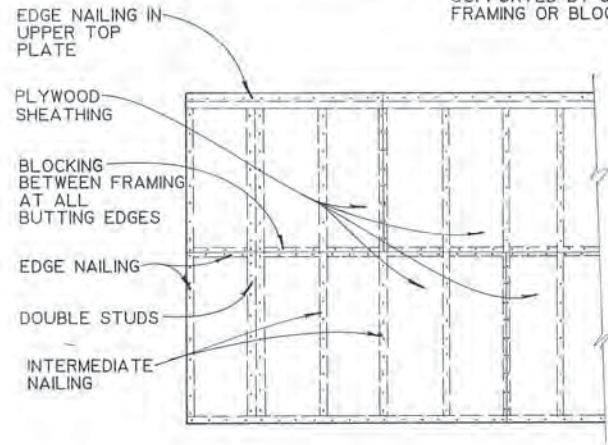
PROJECT NO. 86-010-04  
DESIGNED: R.J.H.  
DRAWN: K.L.A.  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE BY

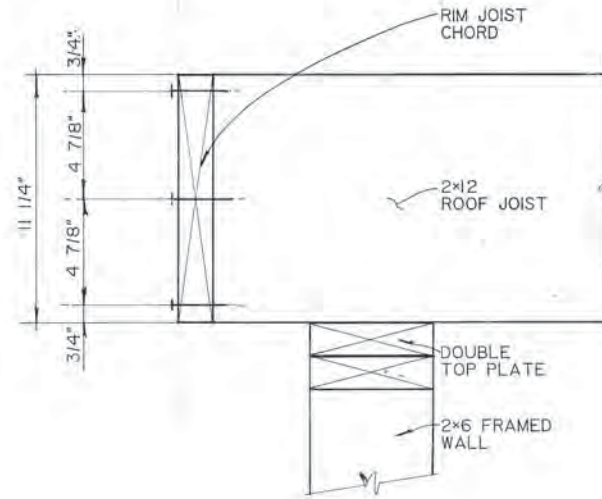


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SCALE HOUSE, PAY BOOTH  
STRUCTURAL DETAILS, SECTIONS

NOTE: ALL PLYWOOD EDGES MUST BE SUPPORTED BY & NAILED TO FRAMING OR BLOCKING.

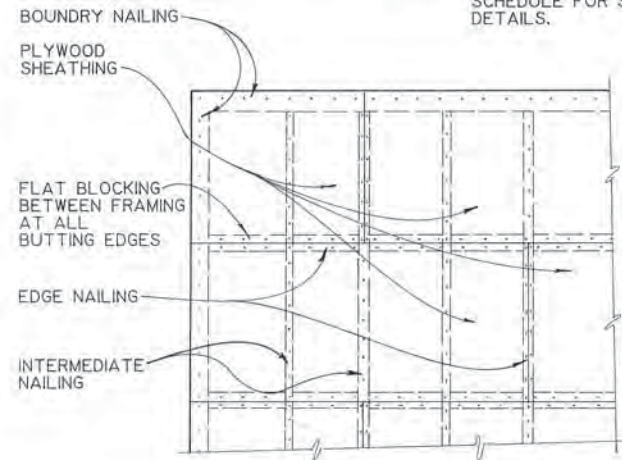


**A** TYPICAL SHEAR WALL DETAIL  
S-9 N.T.S.

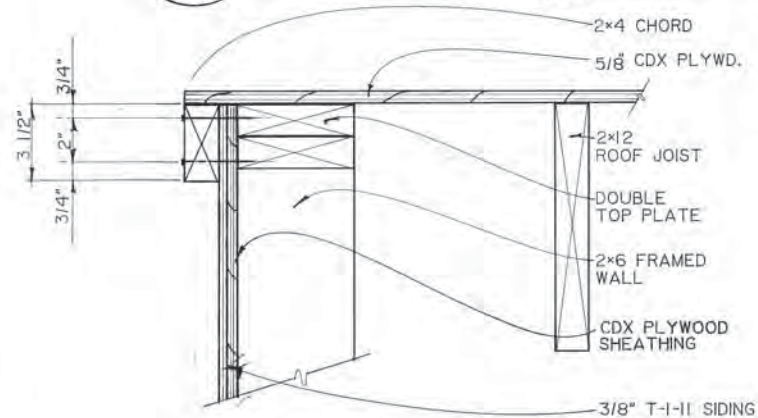


**B** ROOF CHORD DETAIL  
S-7 | S-9 3"=1'-0"

NOTE: REFER TO ROOF DIAPHRAGM SCHEDULE FOR SPECIFIC DETAILS.



**C** TYPICAL PLYWOOD ROOF DIAPHRAGM DETAIL  
S-9 N.T.S.



**D** ROOF CHORD DETAIL  
S-7 | S-9 3"=1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.



PROJECT NO. 86-010-04  
DESIGNED: R.J.H.  
DRAWN: K.L.A., AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY

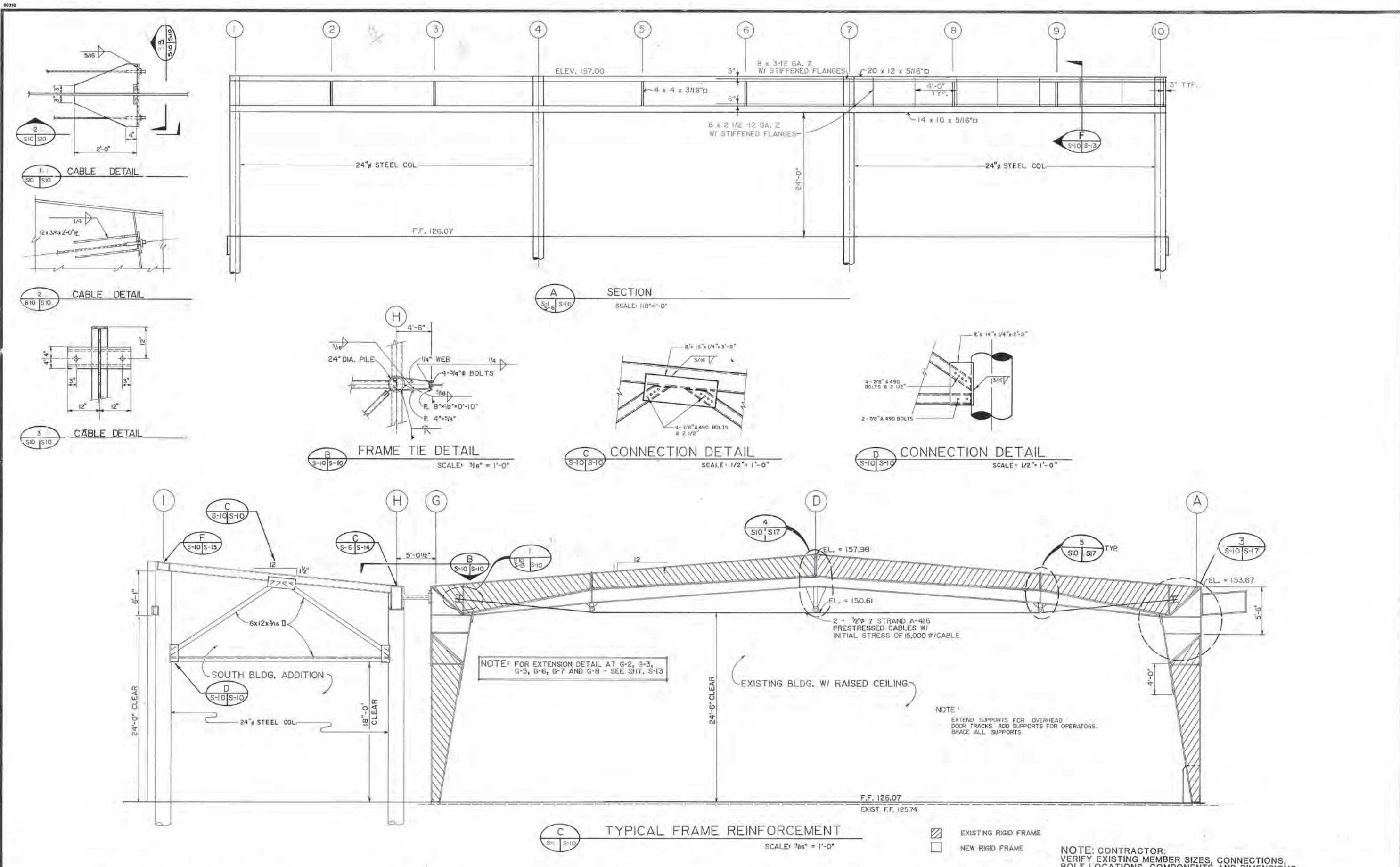


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
SCALE HOUSE, PAY BOOTH  
STRUCTURAL DETAILS

S-9  
SHEET 39 OF 68



ARL/CTF-STRUC  
S-10



**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

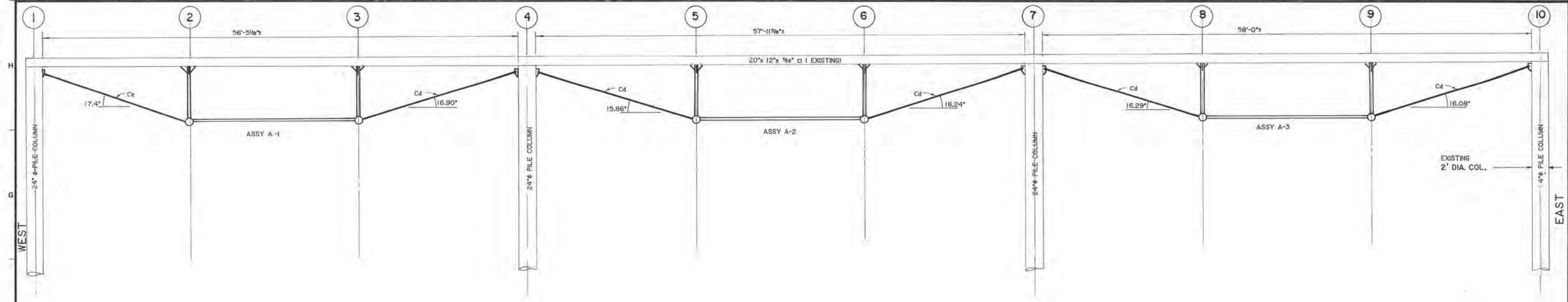
PROJECT NO. 86-010-04 MOA  
DESIGNED: JB  
DRAWN: RDL, RLE, AKF  
CHECKED: RLE  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY

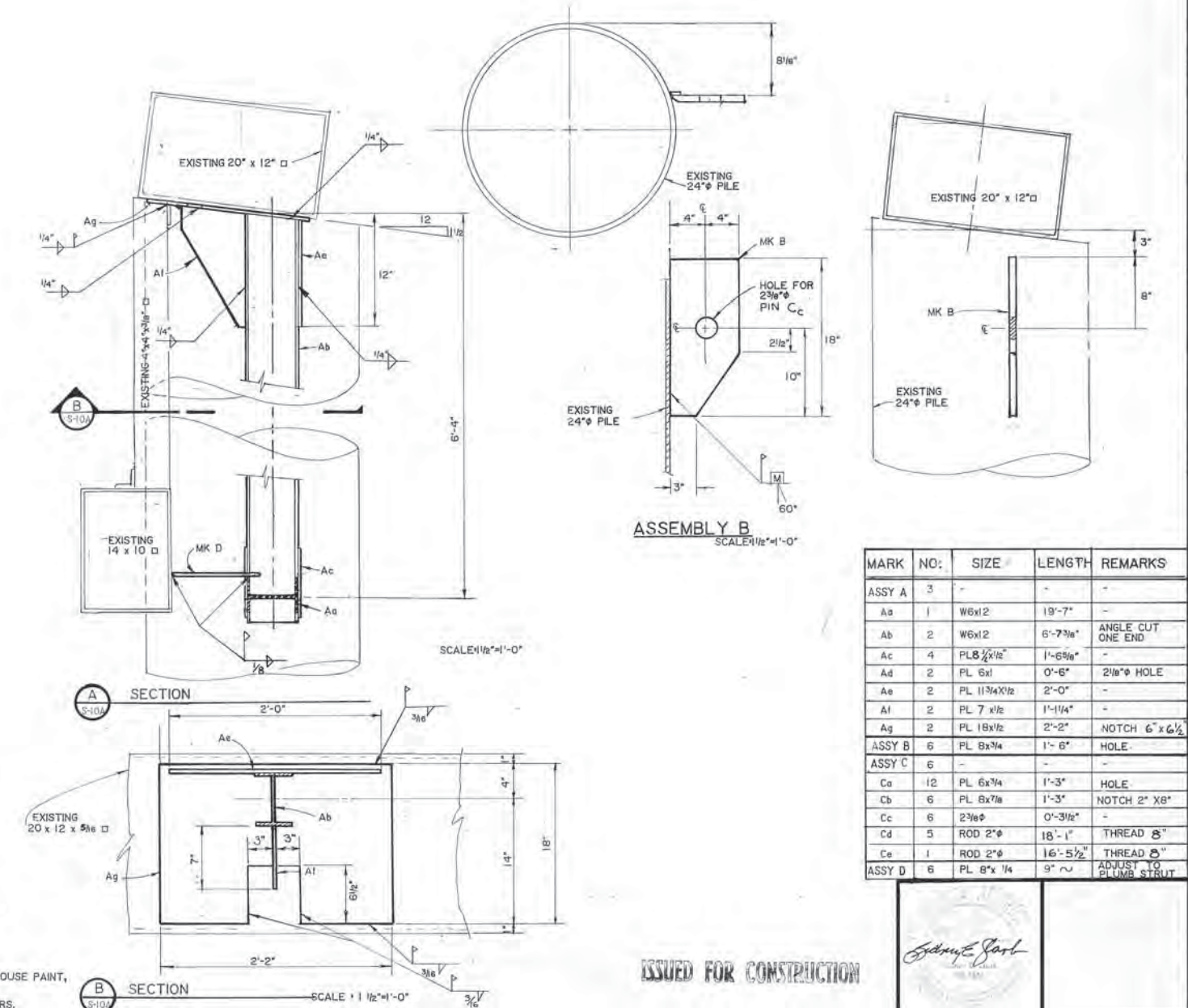
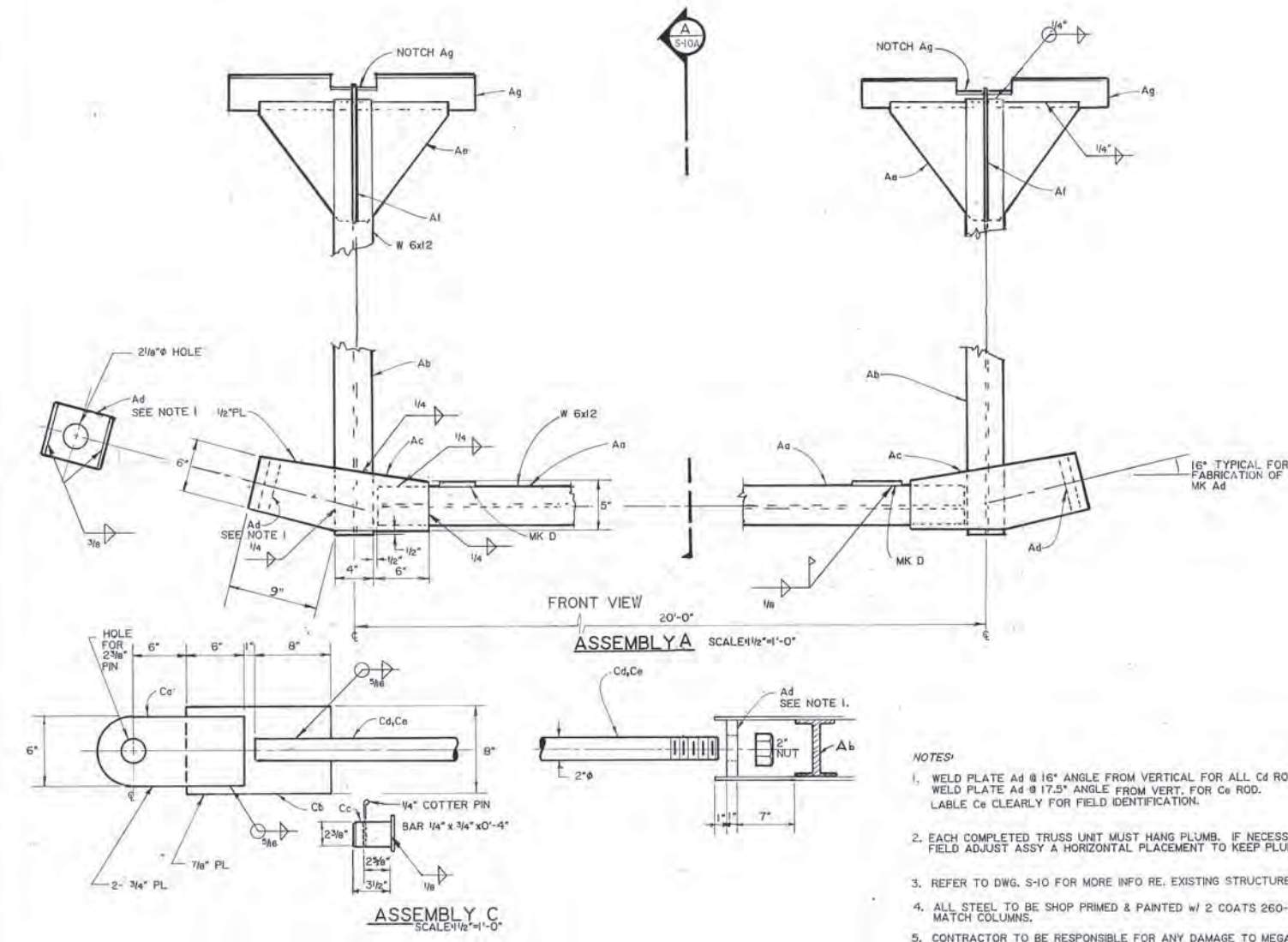
MUNICIPALITY OF ANCHORAGE  
SOLID WASTE SERVICES

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION SECTIONS**

FACIA BEAM SUPPORT TRUSS UNITS



**ERECTION DRAWING**  
SECTION ON COLUMN LINE (1) SCALE: 3/16" = 1'-0"



- NOTES:**
1. WELD PLATE Ad @ 16° ANGLE FROM VERTICAL FOR ALL Cd RODS. WELD PLATE Ad @ 17.5° ANGLE FROM VERT. FOR Ce ROD. LABEL Ce CLEARLY FOR FIELD IDENTIFICATION.
  2. EACH COMPLETED TRUSS UNIT MUST HANG PLUMB. IF NECESSARY FIELD ADJUST ASSY A HORIZONTAL PLACEMENT TO KEEP PLUMB.
  3. REFER TO DWG. S-10 FOR MORE INFO RE. EXISTING STRUCTURE.
  4. ALL STEEL TO BE SHOP PRIMED & PAINTED W/ 2 COATS 260-XX HOUSE PAINT, MATCH COLUMNS.
  5. CONTRACTOR TO BE RESPONSIBLE FOR ANY DAMAGE TO MEGADOORS.

MARK	NO.	SIZE	LENGTH	REMARKS
ASSY A	3	-	-	-
Aa	1	W6x12	19'-7"	-
Ab	2	W6x12	6'-7 3/8"	ANGLE CUT ONE END
Ac	4	PL 8 1/2 x 1/2"	1'-6 3/8"	-
Ad	2	PL 6x1	0'-6"	2 1/8" HOLE
Ae	2	PL 11 3/4 x 1/2	2'-0"	-
Af	2	PL 7 x 1/2	1'-1 1/4"	-
Ag	2	PL 18 x 1/2	2'-2"	NOTCH 6" x 6 1/2"
ASSY B	6	PL 8 x 3/4	1'-6"	HOLE
ASSY C	6	-	-	-
Ca	12	PL 6 x 3/4	1'-3"	HOLE
Cb	6	PL 6 x 7/8	1'-3"	NOTCH 2" X 8"
Cc	6	2 3/8"	0'-3 1/2"	-
Cd	5	ROD 2"	18'-1"	THREAD 8"
Ce	1	ROD 2"	16'-5 1/2"	THREAD 8"
ASSY D	6	PL 8 x 1/4	9' ~	ADJUST TO PLUMB STRUT

ISSUED FOR CONSTRUCTION

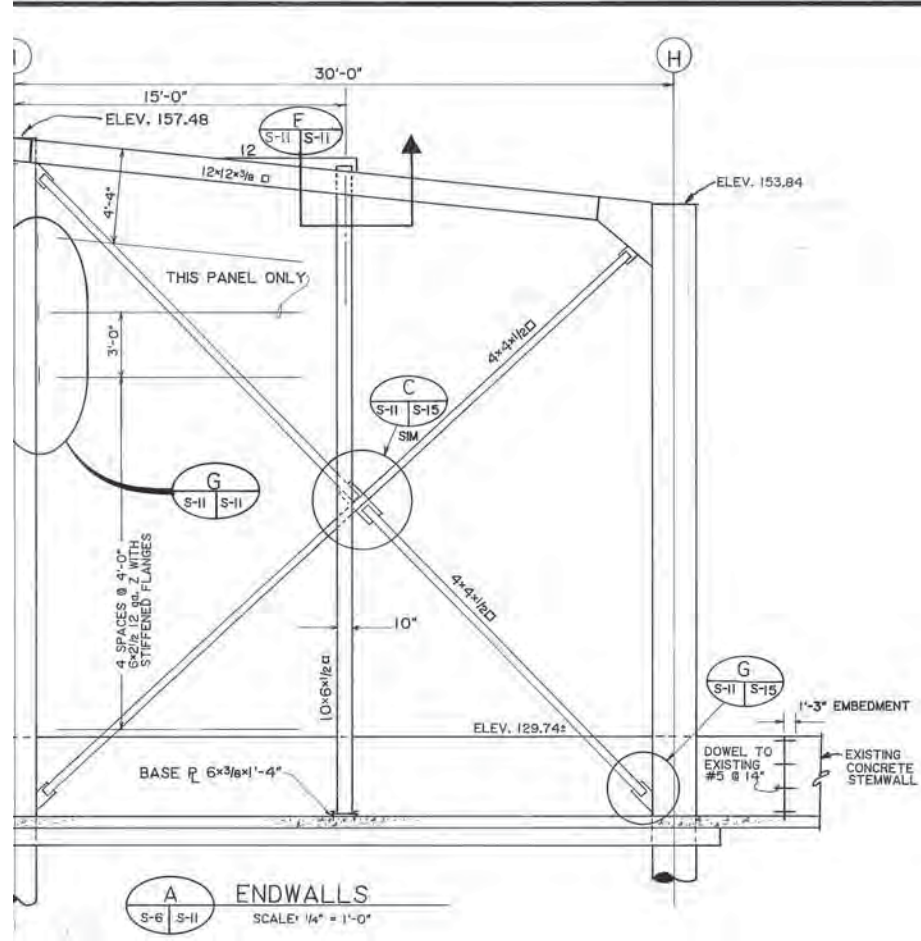
*John E. Carl*  
SCALE AS NOTED



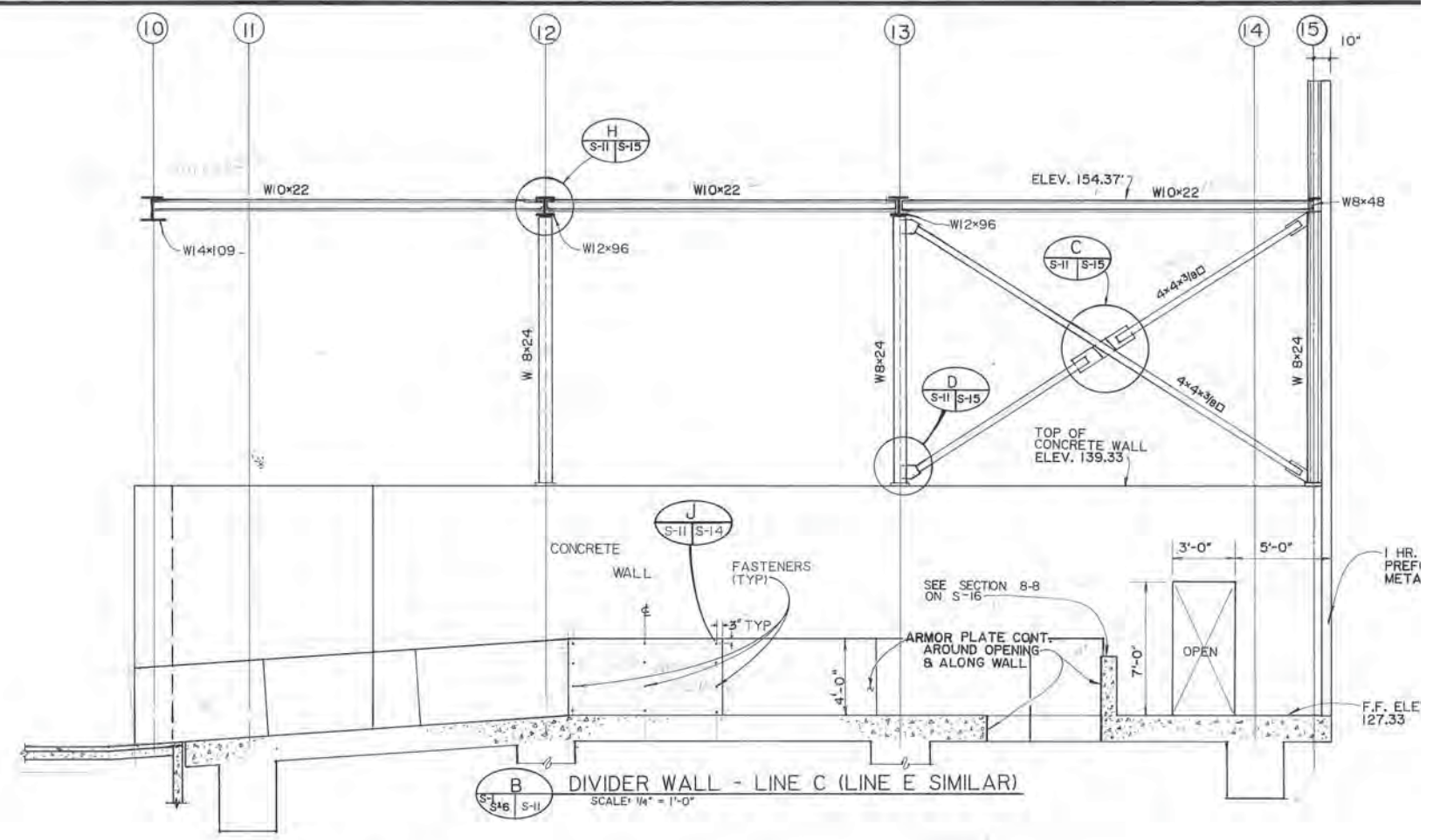
CENTRAL TRANSFER FACILITY

FACIA BEAM SUPPORT TRUSS UNITS

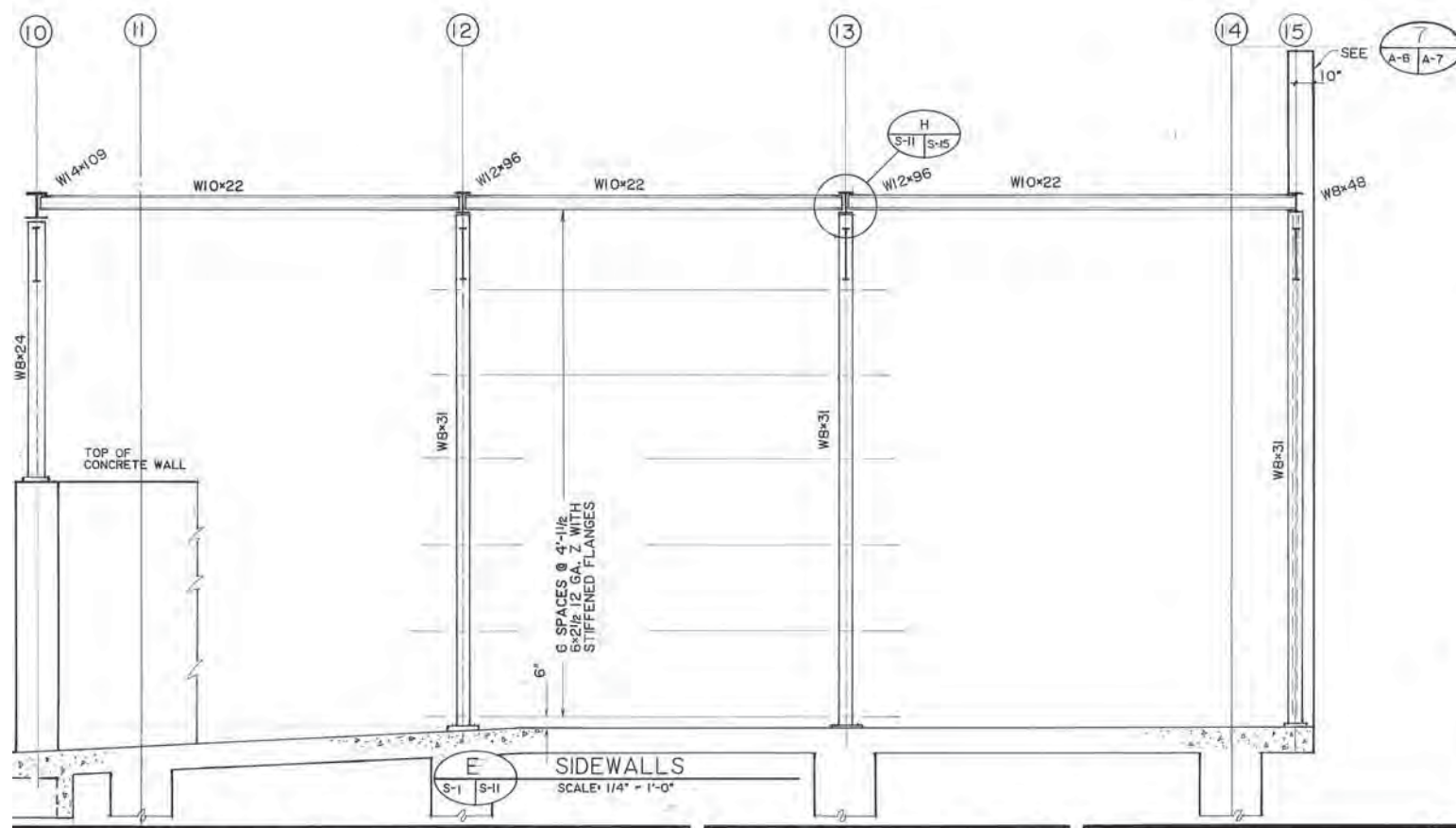
SCALE AS NOTED  
NO. S-10A REV.



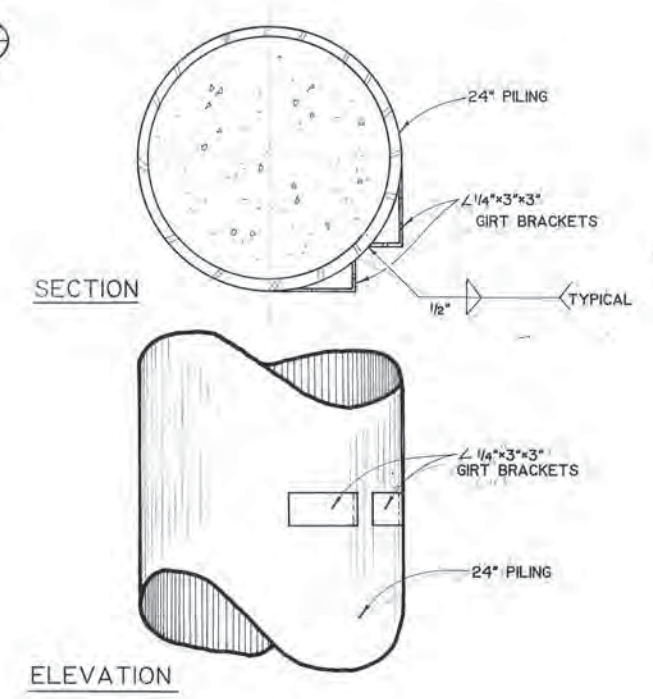
**A** ENDWALLS  
SCALE: 1/4" = 1'-0"



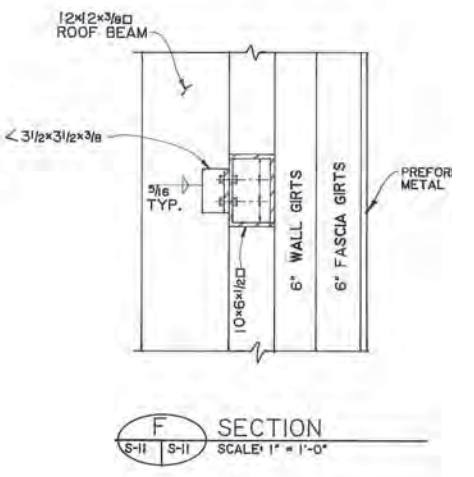
**B** DIVIDER WALL - LINE C (LINE E SIMILAR)  
SCALE: 1/4" = 1'-0"



**E** SIDEWALLS  
SCALE: 1/4" = 1'-0"



**G** GIRT BRACKETS  
SCALE: 1/2" = 1'-0"



**F** SECTION  
SCALE: 1" = 1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CON BOLT LOCATIONS, COMPONENTS AND I

**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

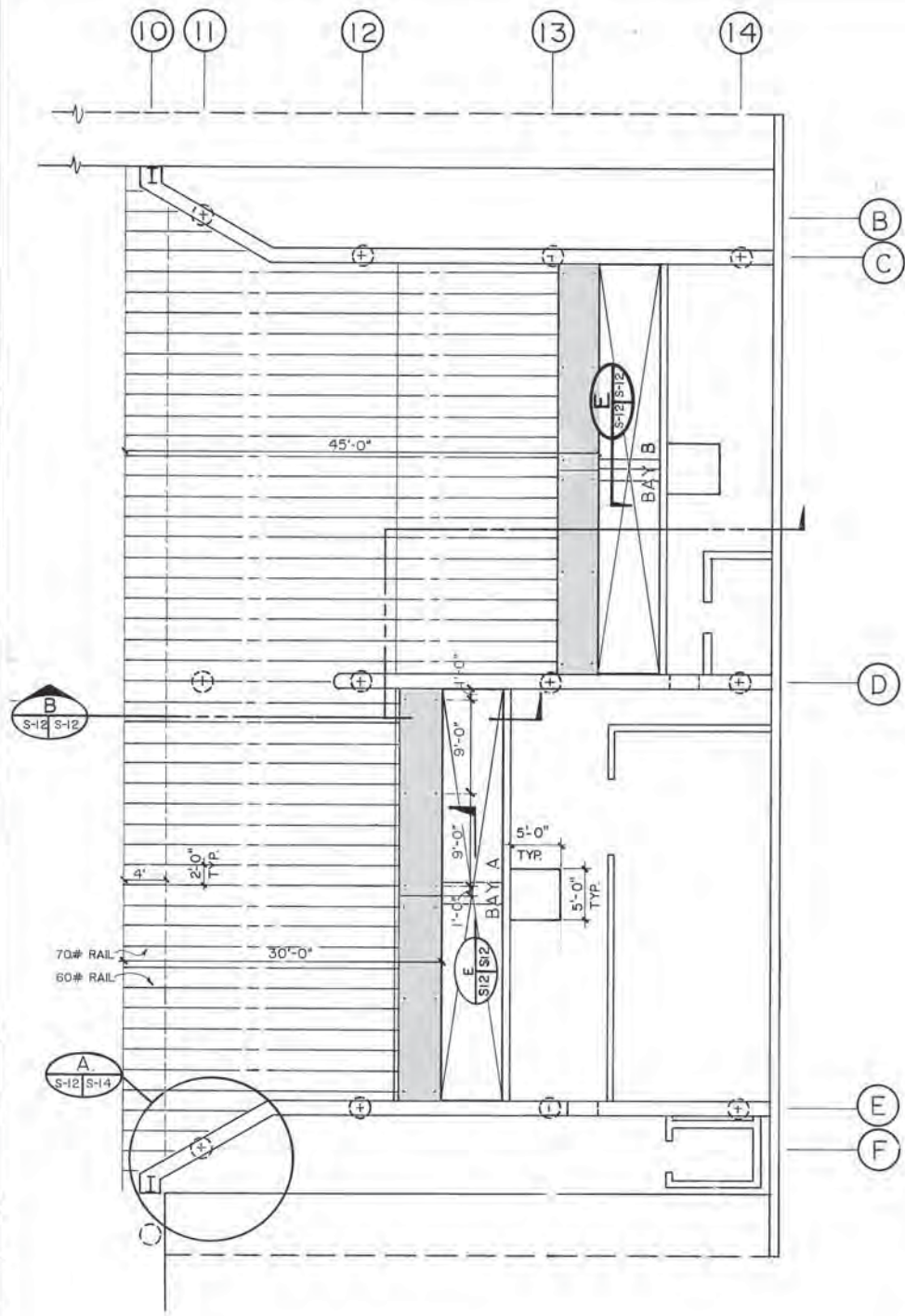
PROJECT NO. 86-010-04  
DESIGNED: JLB  
DRAWN: RLE, SC, EB  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY
	ARMOR PLATE	12/30/86	BM

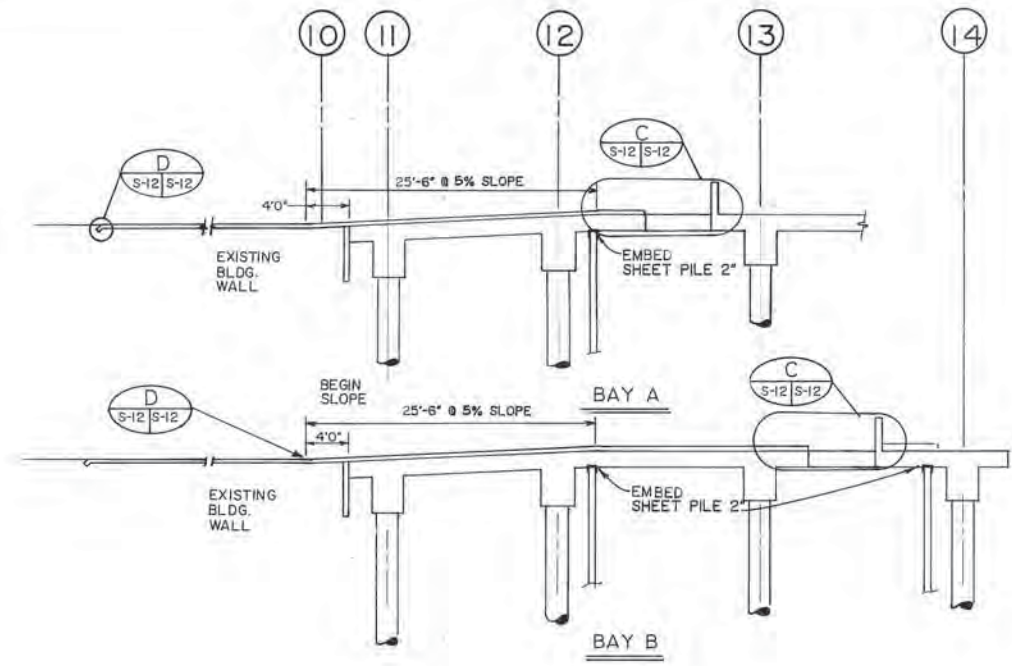


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION SECTIONS**

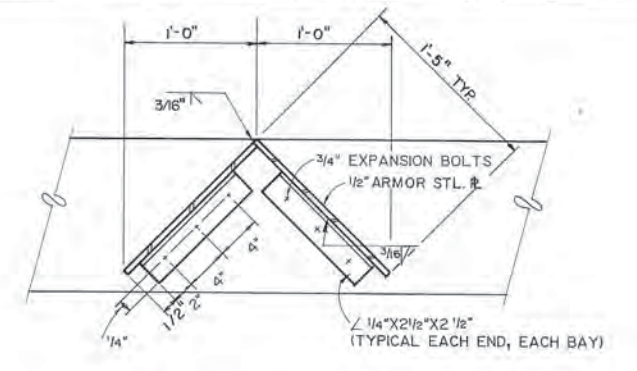
ARCTIC ENGINEERS  
ANCHORAGE, ALASKA  
3-12



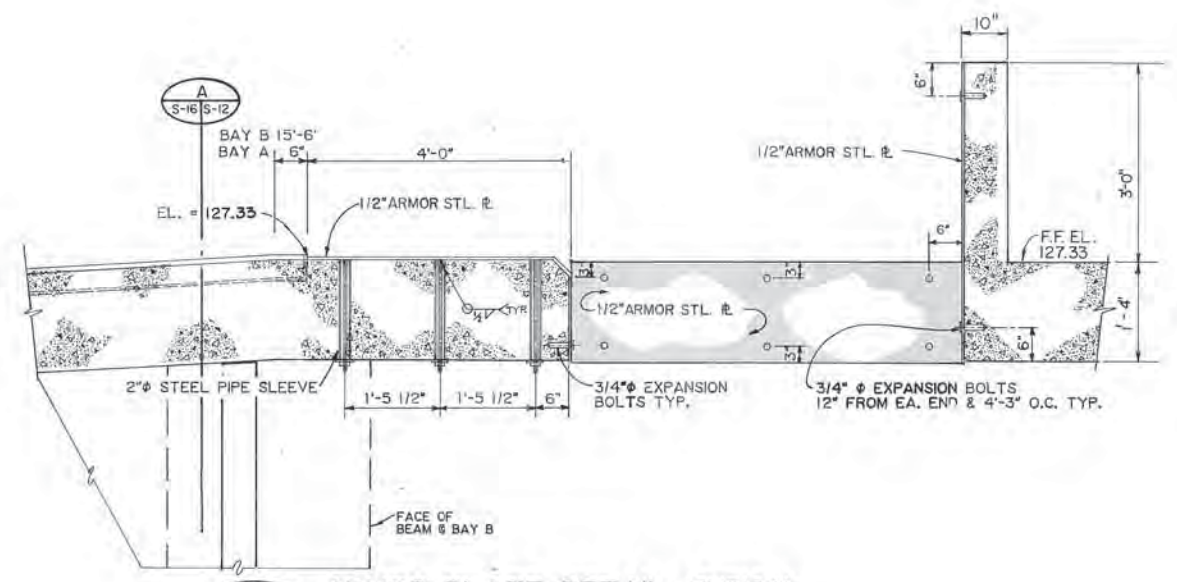
**A** ARMOR FLOOR PLAN  
SCALE: 1/8" = 1'-0"



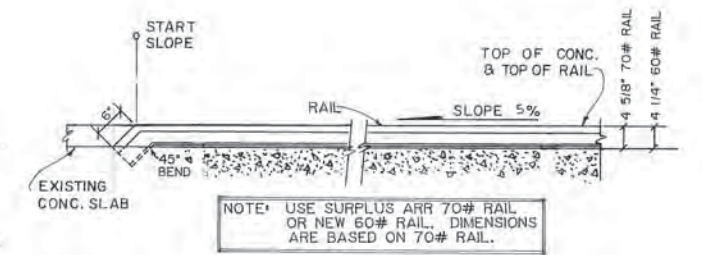
**B** SECTIONS  
SCALE: 1/8" = 1'-0"



**E** CROSS BRACE GUARD  
SCALE: 1/2" = 1'-0"



**C** ARMOR PLATE DETAIL TYPICAL  
SCALE: 3/4" = 1'-0"



**D** RAIL DETAIL  
SCALE: 4/3" = 1'-0"

NOTE: CONTRACTOR:  
VERIFY EXISTING MEMBER SIZES, CONNECTIONS,  
BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

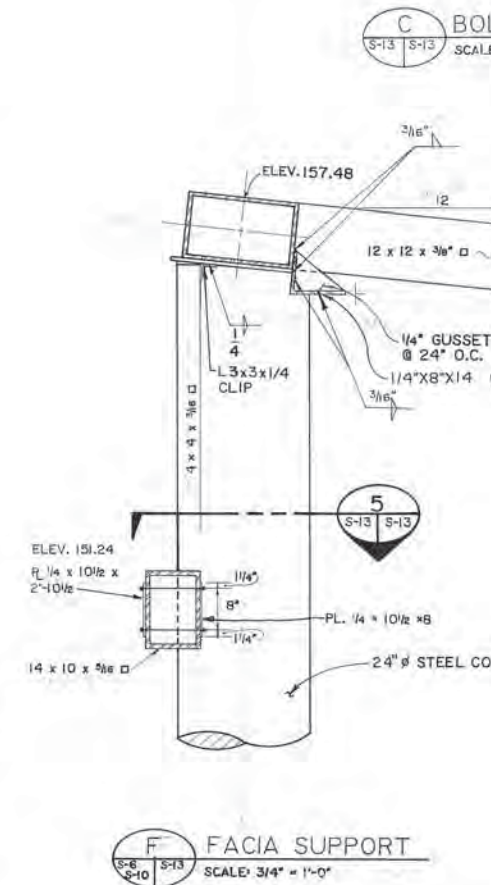
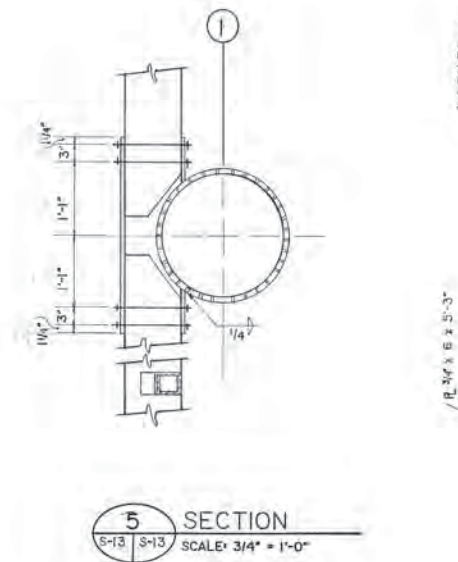
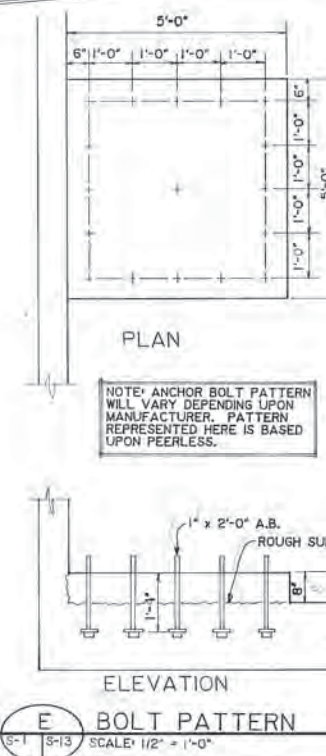
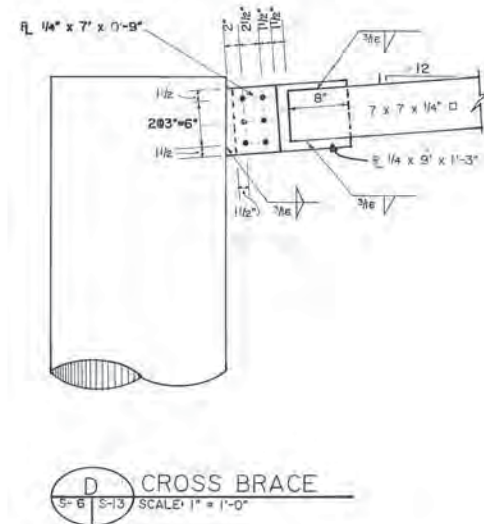
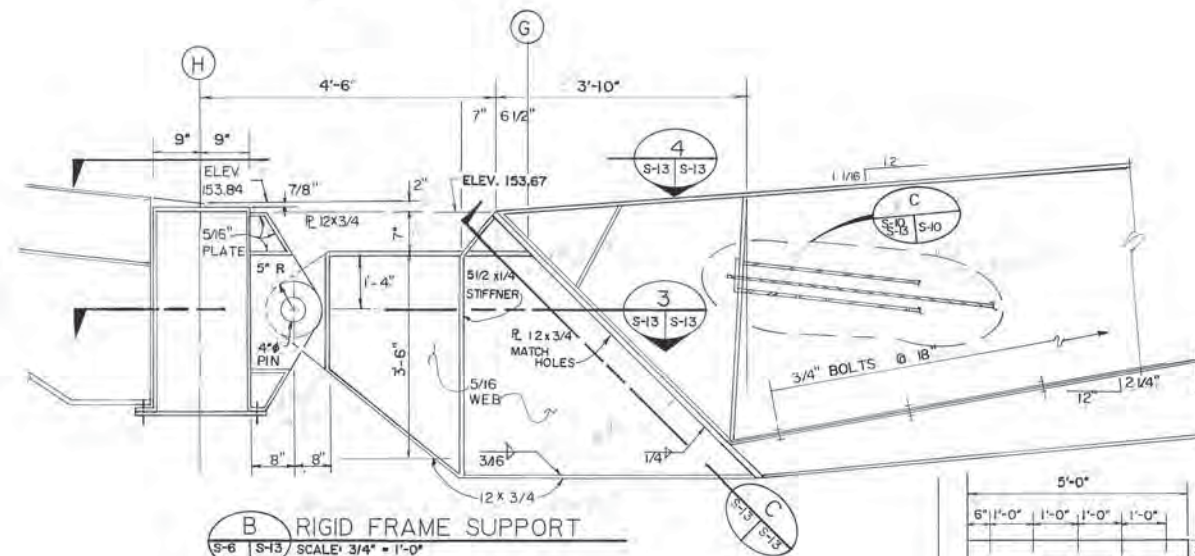
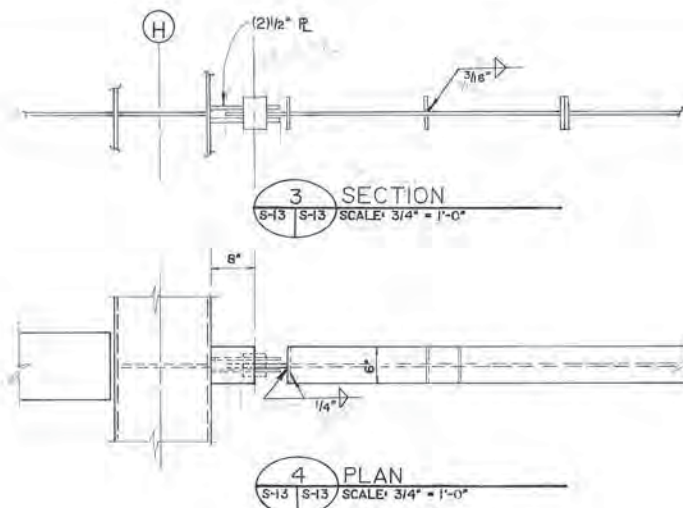
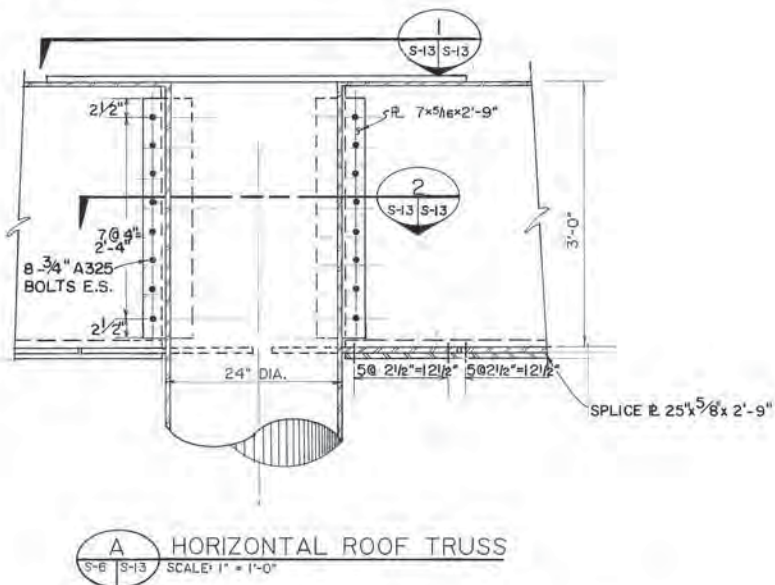
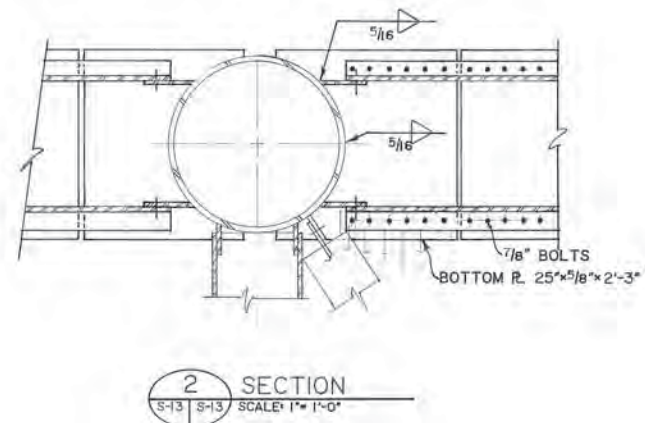
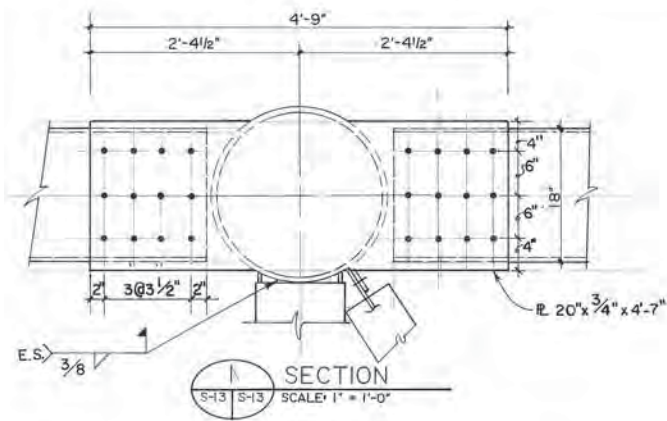
PROJECT NO. 86-010-04  
DESIGNED: RLE  
DRAWN: AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY
	ARMOR PLATE	12/30/86	RLE



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
DETAILS

S-12  
SHEET 42 OF 68



NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.



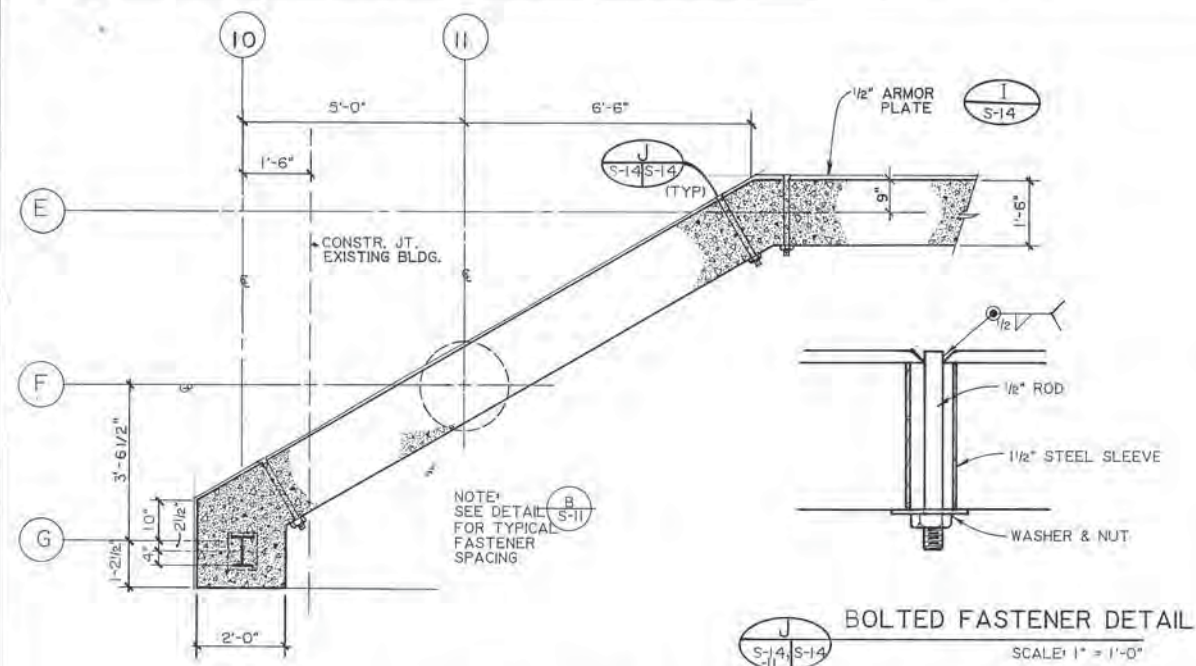
PROJECT NO. 86-010-04  
DESIGNED: JLB  
DRAWN: EB, AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY

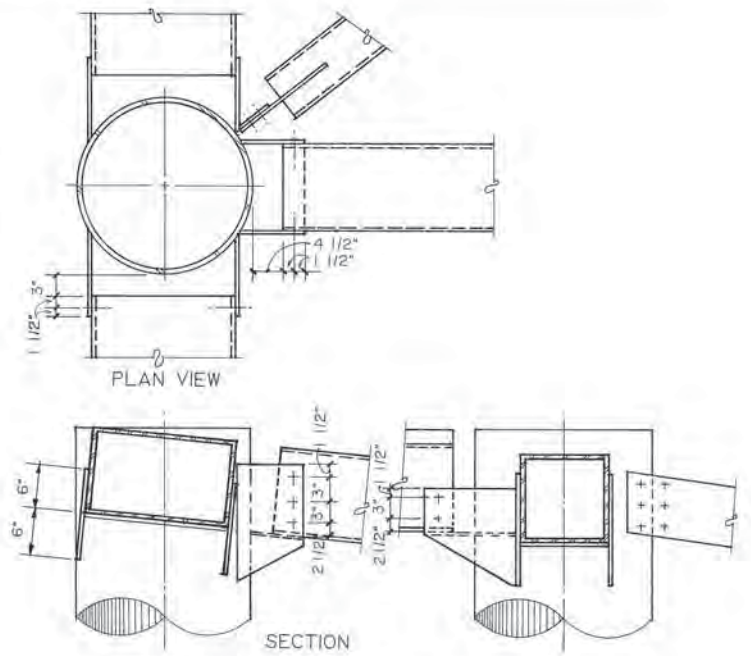


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
TRANSFER STATION DETAILS

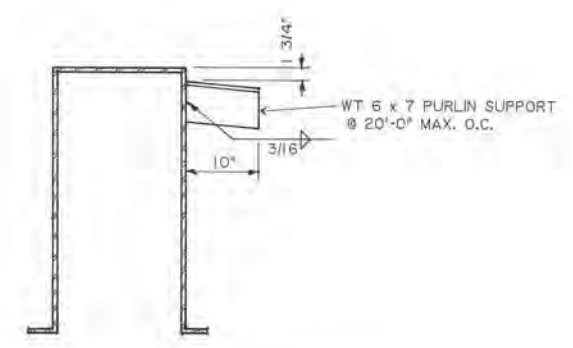
AK-57K  
TRANFER BLDG  
S-14



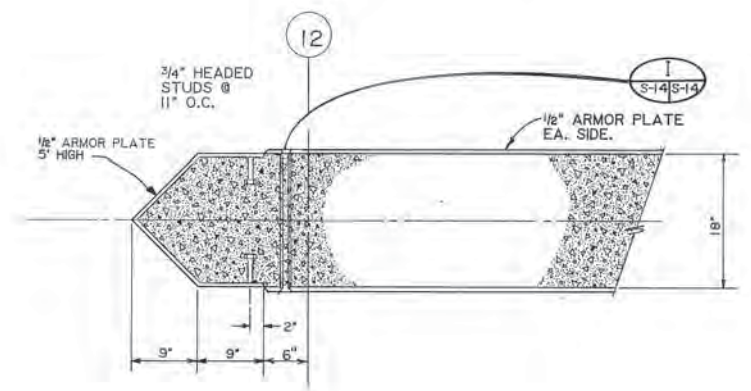
**A** WALL DETAIL - PLAN VIEW  
S-1, S-12 | S-14  
SCALE: 1/2" = 1'-0"  
SAME, BUT OPPOSITE HAND @ GRID LINES A, B & C.



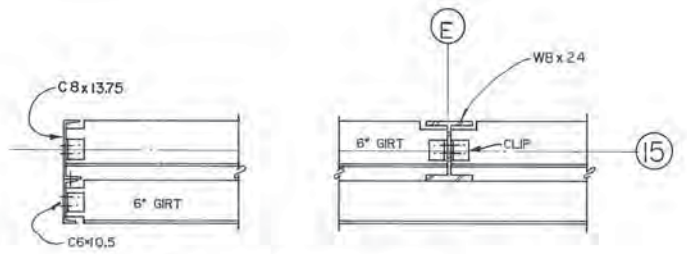
**B** TRUSS CONNECTION  
S-6 | S-14  
SCALE: 1" = 1'-0"



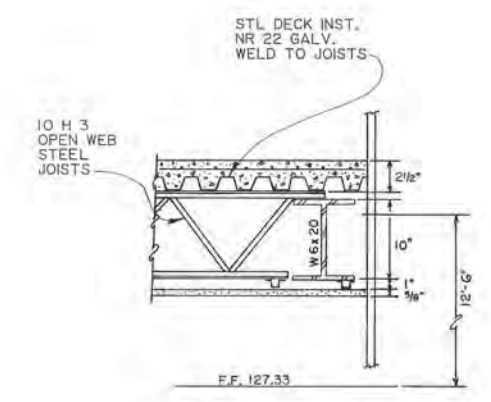
**C** PURLIN SUPPORT  
S-6 | S-14  
SCALE: 1" = 1'-0"



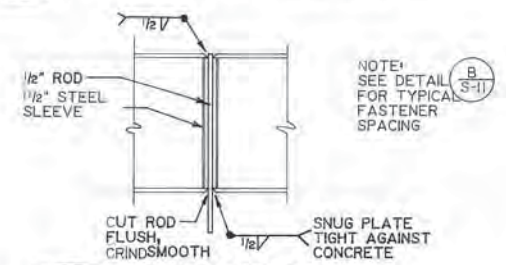
**D** ARMOR NOSE  
S-1 | S-14  
SCALE: 1" = 1'-0"



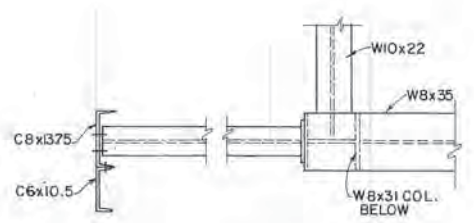
**E** GIRT CONNECTION  
S-4 | S-14  
SCALE: 1" = 1'-0"



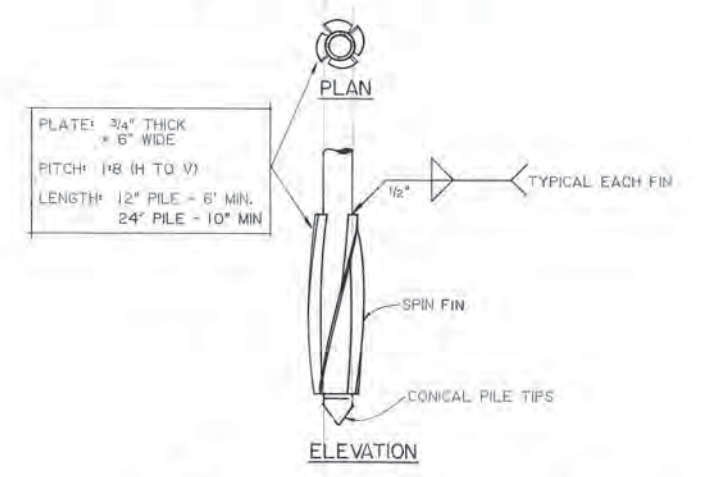
**F** CEILING DETAIL  
S-4 | S-14  
SCALE: 1/2" = 1'-0"



**I** FASTENER DETAIL  
S-14 | S-14  
SCALE: 1" = 1'-0"



**H** SECTION  
S-4 | S-14  
SCALE: 1" = 1'-0"



**G** SPIN FIN PILE & PILE POINT  
S-1 | S-14  
NOTE: CONTRACTOR: NTS  
VERIFY EXISTING MEMBER SIZES, CONNECTIONS,  
BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

PROJECT NO. B6-D10-04  
DESIGNED: JB  
DRAWN: VMS, AKF  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

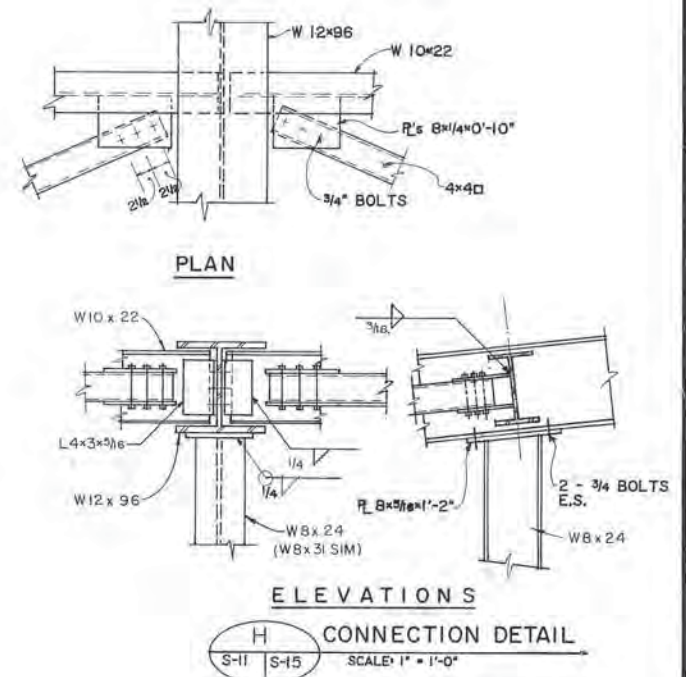
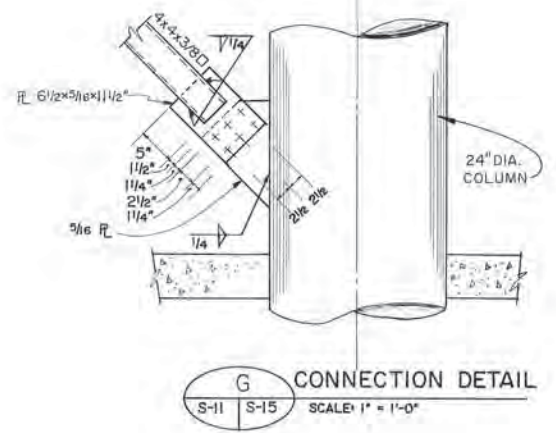
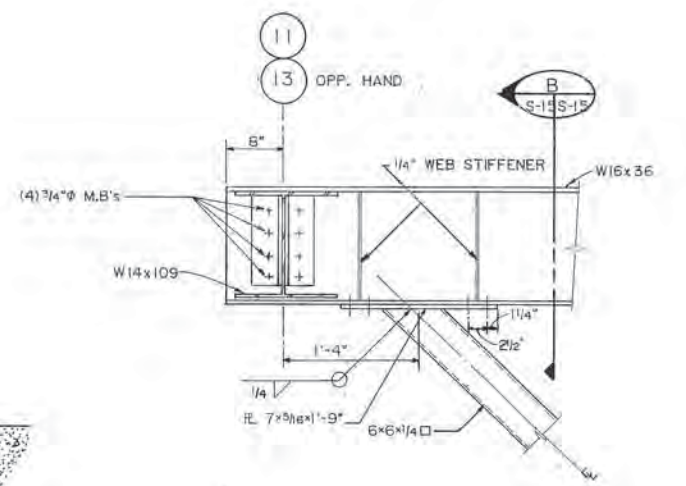
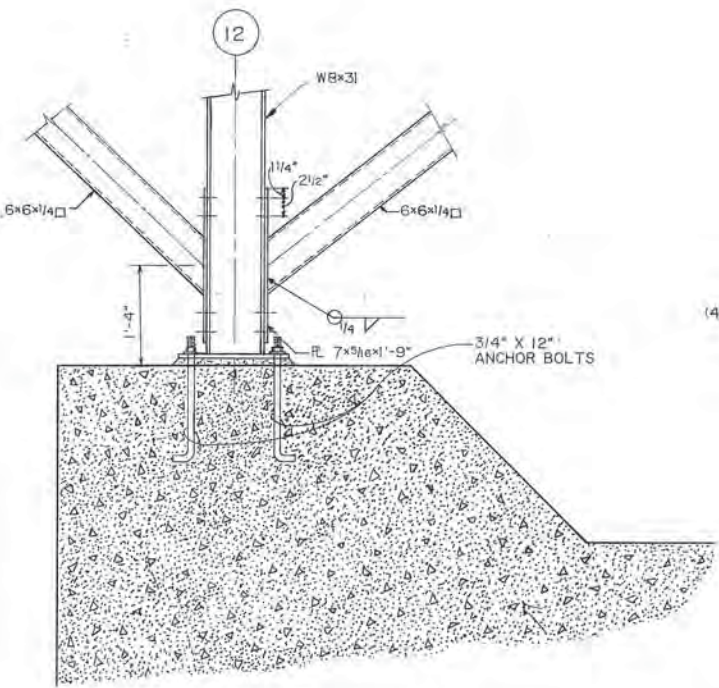
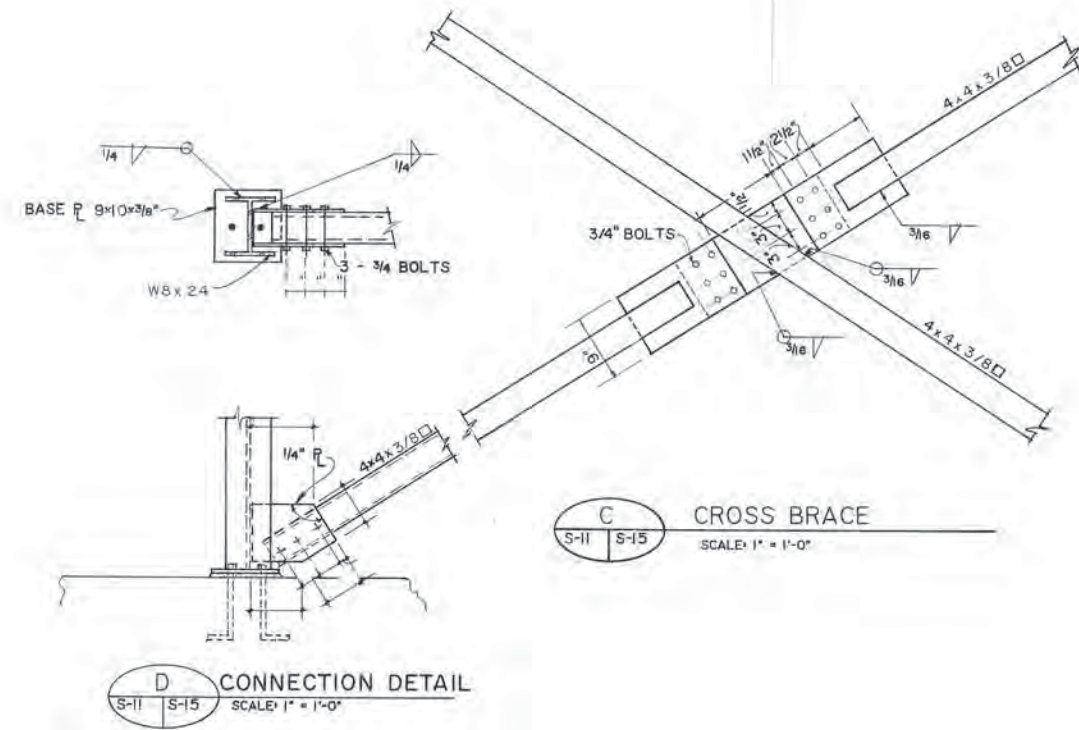
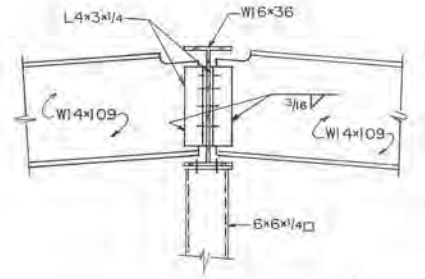
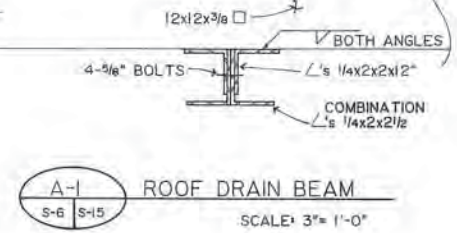
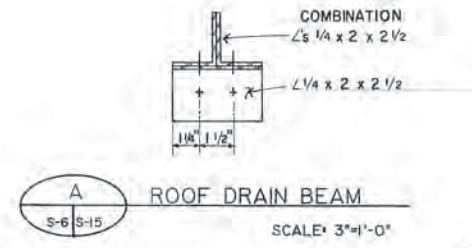
NO.	REVISION	DATE	BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION**  
DETAILS

S-14  
SHEET 44 OF 68

AKL JLF  
5/11/87



NOTE: CONTRACTOR:  
VERIFY EXISTING MEMBER SIZES, CONNECTIONS,  
BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

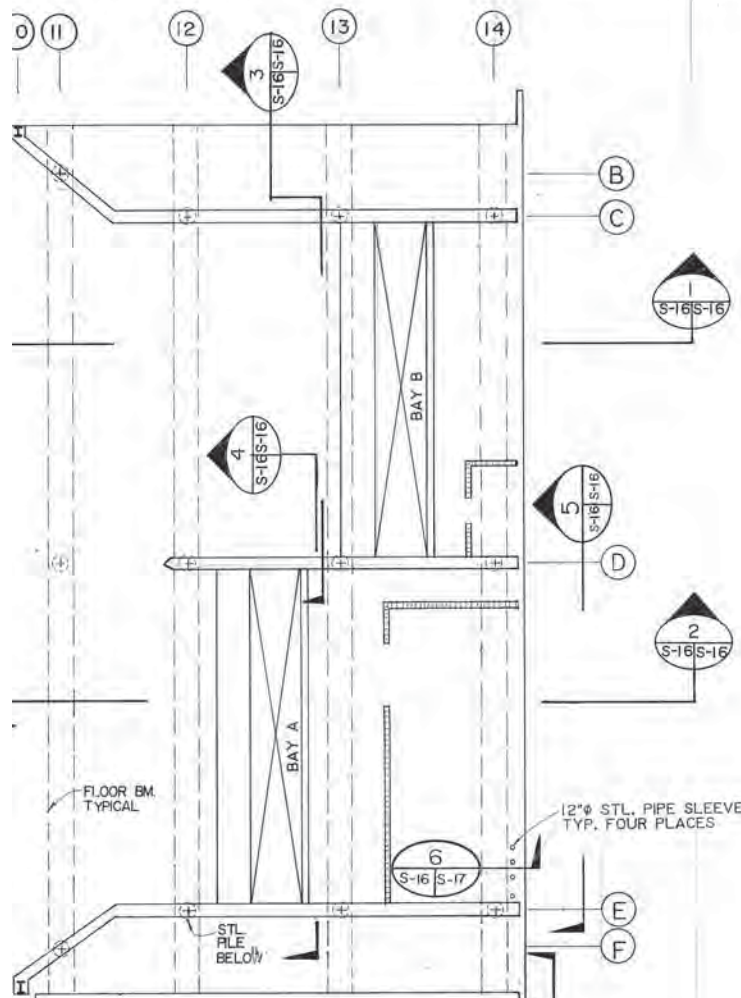
PROJECT NO. 86-010-04  
DESIGNED: JLB  
DRAWN: AKF, EB  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE BY

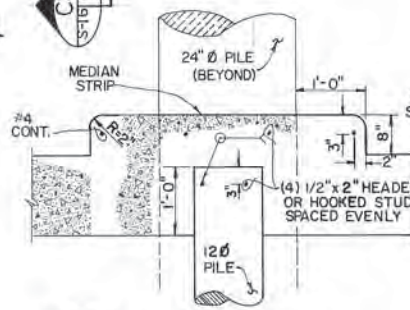
PROFESSIONAL ENGINEER  
PROFESSIONAL ENGINEER IN CHARGE

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**TRANSFER STATION DETAILS**

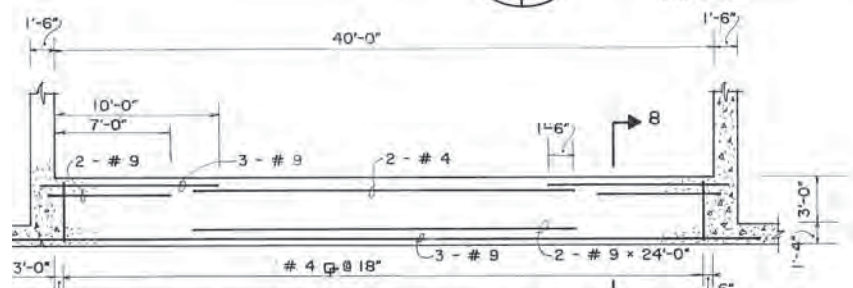
**S-15**  
SHEET 45 OF 68



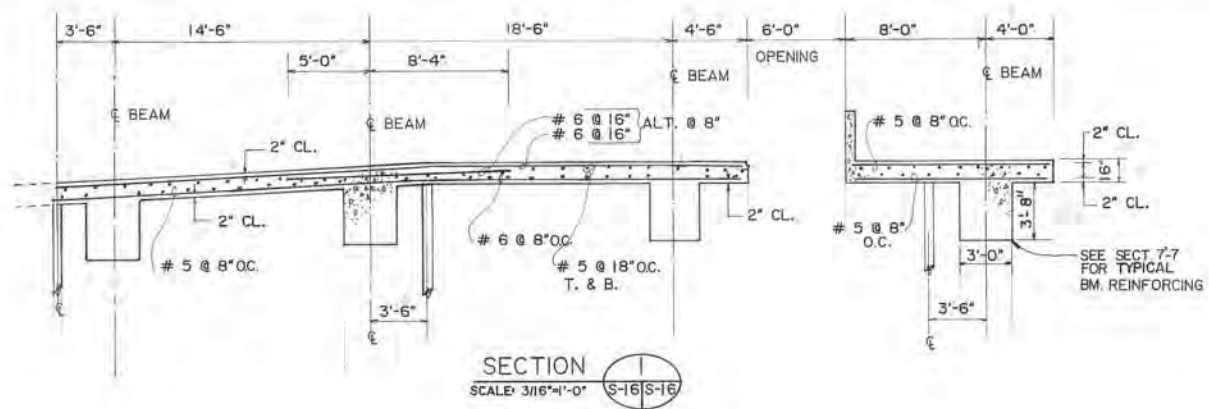
EAST ADDITION FLOOR PLAN  
SCALE: 3/32" = 1'-0"



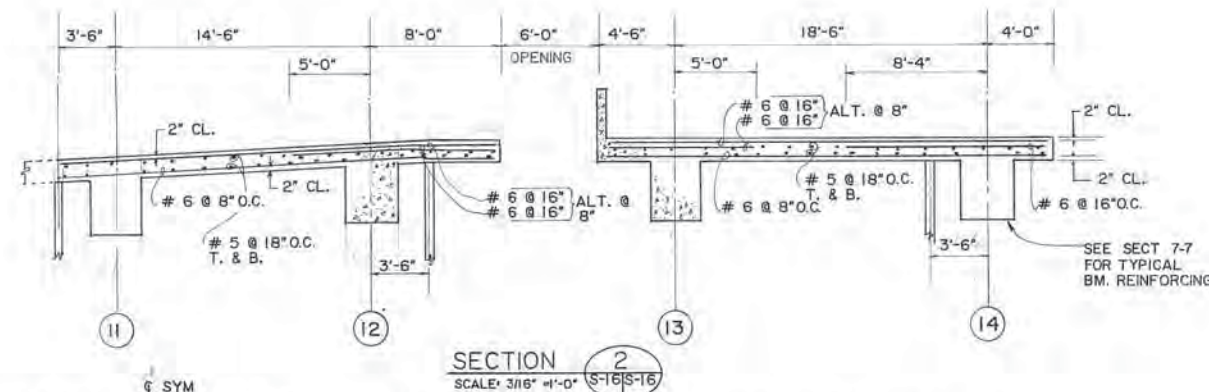
PILE CONNECTION  
SCALE: NTS



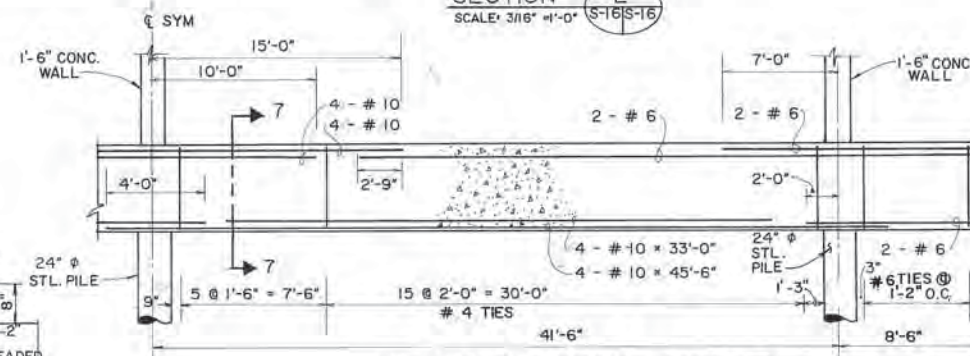
SECT. 4 BACK WALL-BAYS A & B  
SCALE: 3/16" = 1'-0"



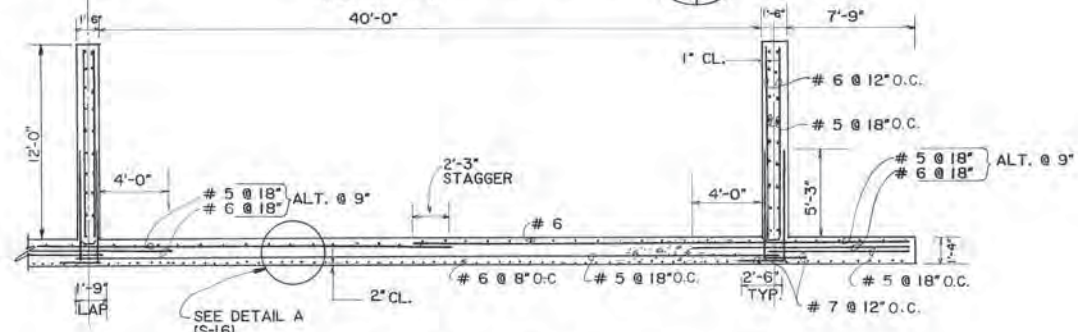
SECTION 1  
SCALE: 3/16" = 1'-0"



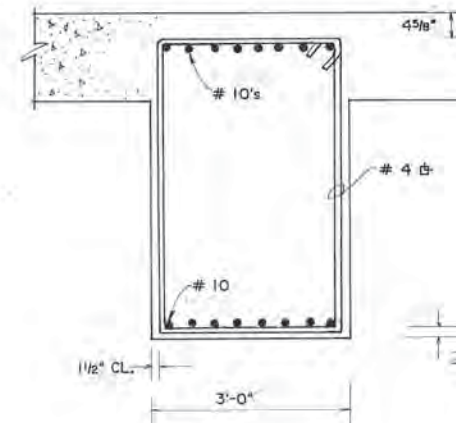
SECTION 2  
SCALE: 3/16" = 1'-0"



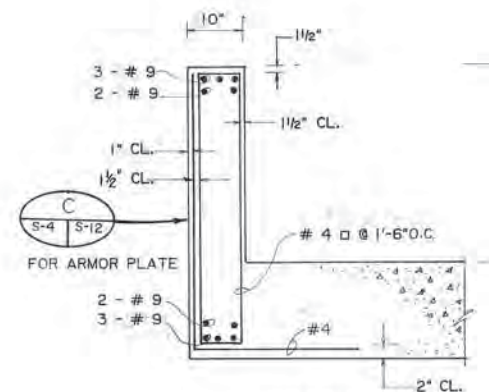
ELEV. FLOOR BEAM - TYP. 5  
SCALE: 3/16" = 1'-0"



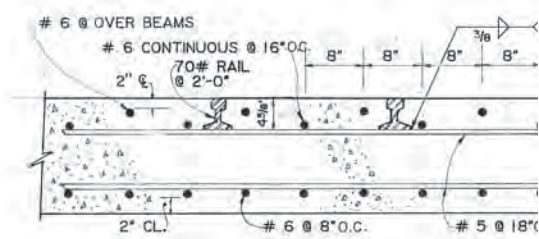
SECTION 3  
SCALE: 3/16" = 1'-0"



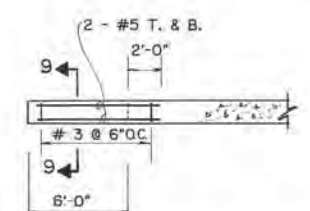
SECTION 7-7  
SCALE: 3/4" = 1'-0"



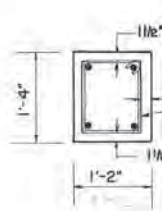
SECTION 8-8  
SCALE: 3/4" = 1'-0"



DETAIL A (S-16) - SLAB REINF. ARRANGEMENT  
SCALE: 1" = 1'-0"



ELEVATION C  
SCALE: 3/16" = 1'-0"



SECTION 9-9  
SCALE: 3/4" = 1'-0"

NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, BOLT LOCATIONS, COMPONENTS



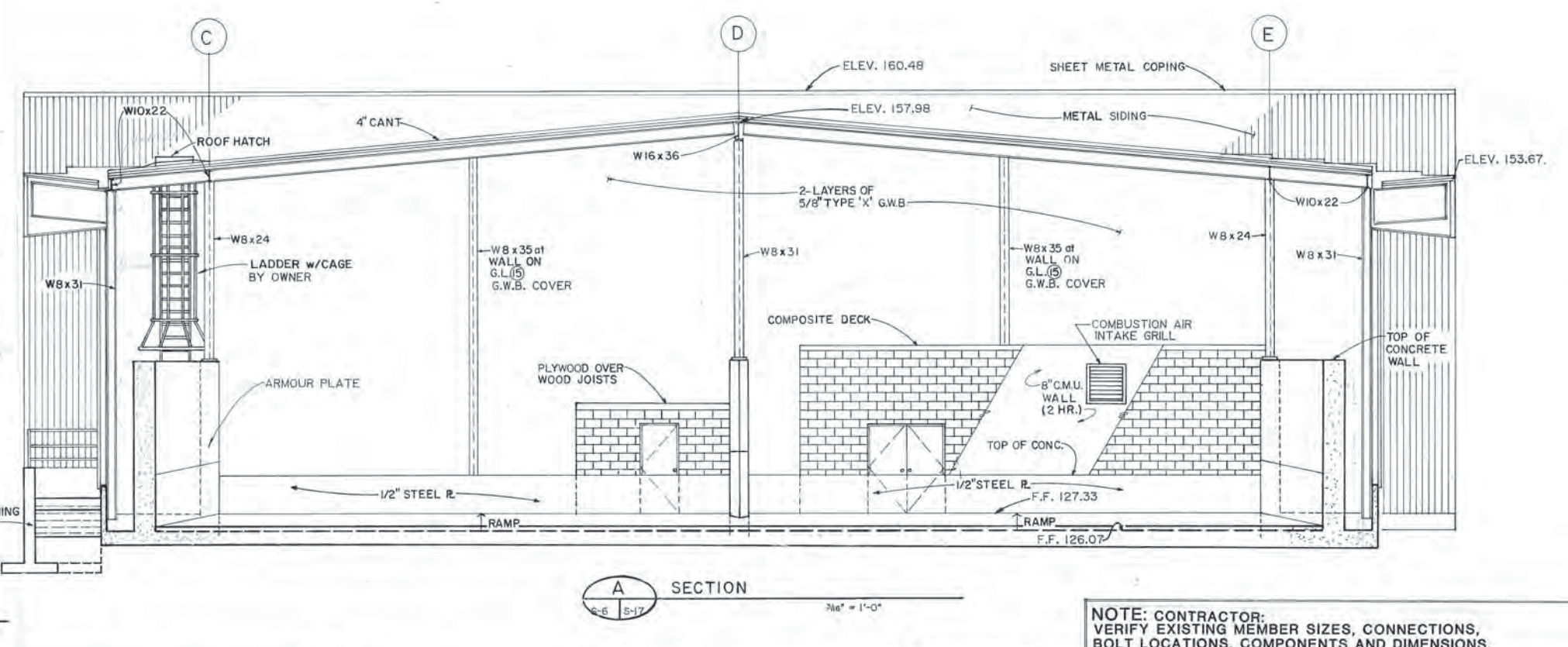
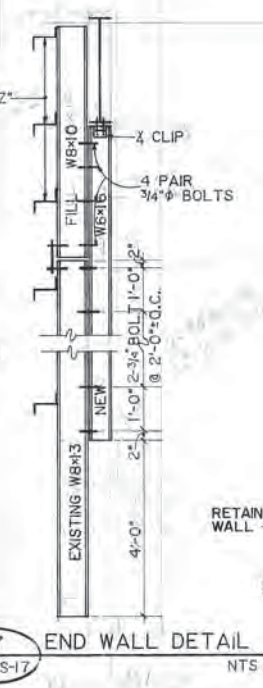
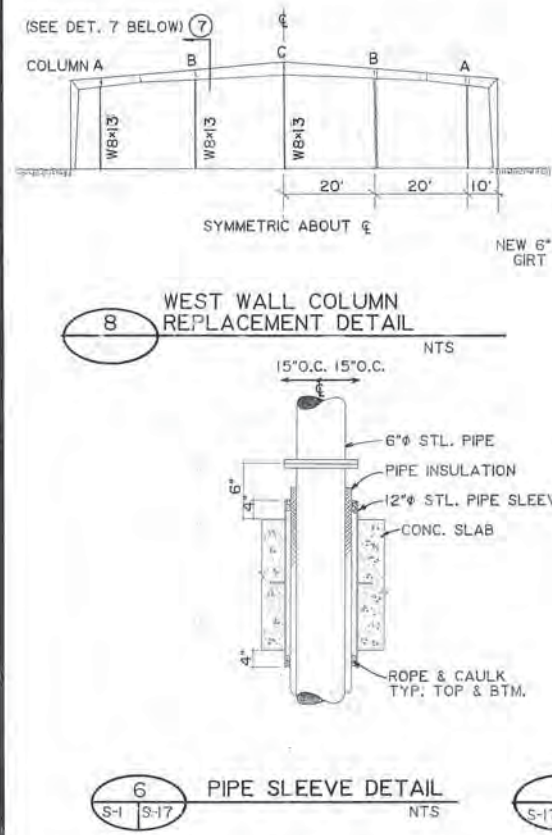
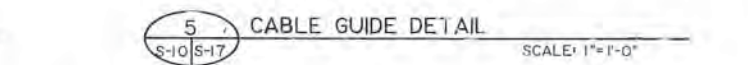
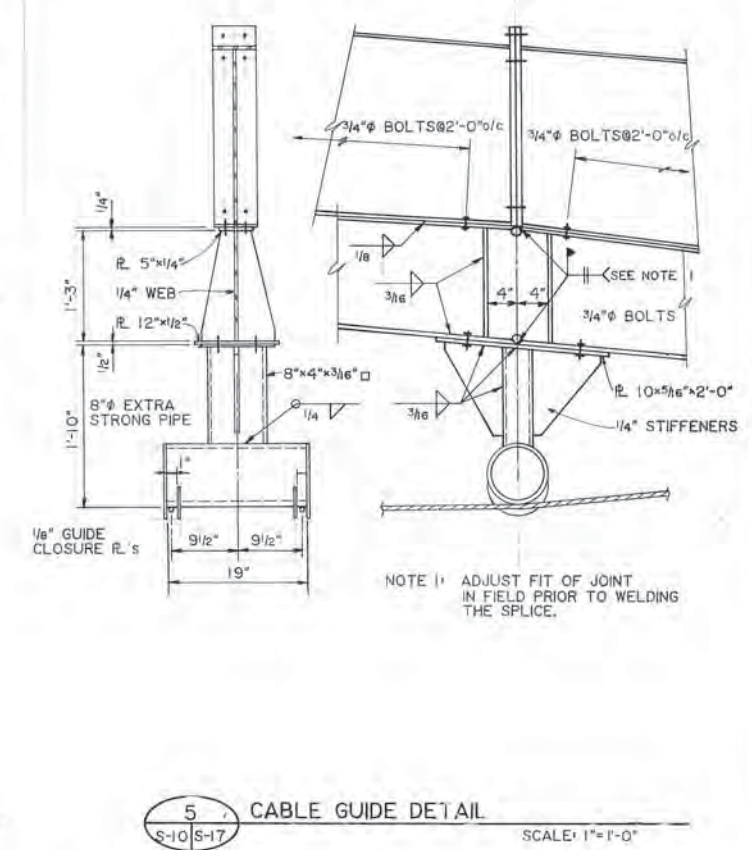
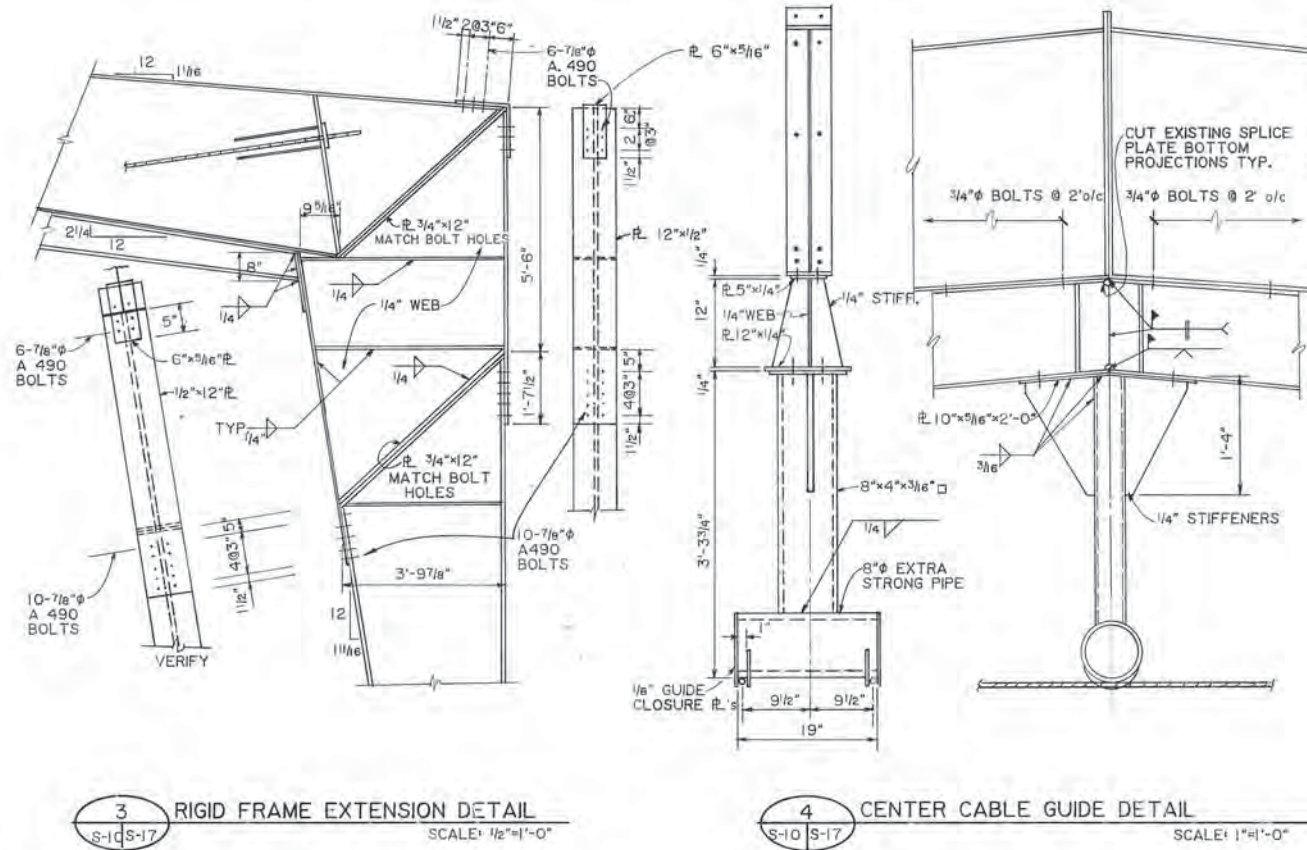
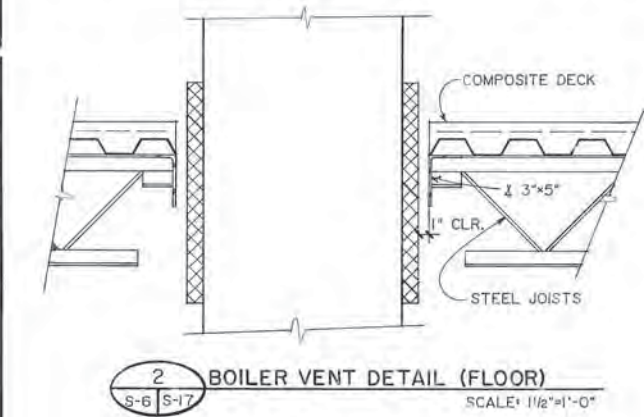
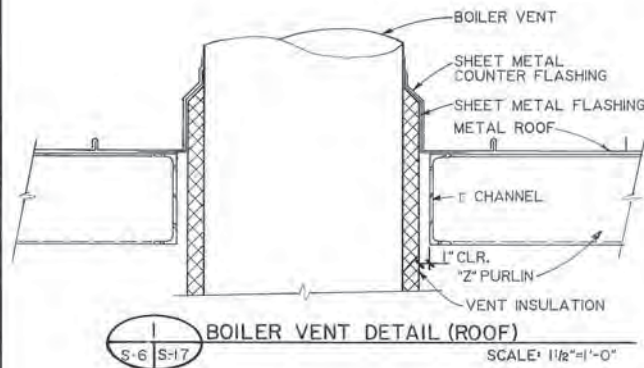
PROJECT NO. 86-010-04  
DESIGNED: JLB  
DRAWN: EB  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
TRANSFER STATION  
EAST ADDITION PLAN, DETAILS & SECTIONS





NOTE: CONTRACTOR: VERIFY EXISTING MEMBER SIZES, CONNECTIONS, BOLT LOCATIONS, COMPONENTS AND DIMENSIONS.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: RLE  
DRAWN: AKF, KLA, VMS  
CHECKED:  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY

MUNICIPALITY OF ANCHORAGE  
SOLID WASTE SERVICES  
STATE OF ALASKA  
REGISTERED PROFESSIONAL ENGINEER  
CE-1932

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
TRANSFER STATION  
DETAILS & SECTION

S-17  
SHEET 47 OF 68

### LEGEND

ABB. V.	EXPLANATION	SYMBOL	ABB. V.	EXPLANATION	SYMBOL	ABB. V.	EXPLANATION	SYMBOL	ABB. V.	EXPLANATION	SYMBOL	ABB. V.	EXPLANATION	SYMBOL
	Y, LATERAL			FLOW MEASURING DEVICE			DUCT			GV	GATE VALVE		HEAT DETECTOR	
	Y, THROUGH, DOUBLE			STRAINER			DUCT, DIRECTION OF FLOW IN			CV	GATE VALVE ANGLE		STATIC PRESSURE SENSOR	
	T-Y, THROUGH, DOUBLE			P. TRAP			DUCT IDENTIFICATION DESIGNATION			SGV	SLIDE GATE VALVE		T*STAT	THERMOSTAT, WALL MOUNTED
	CROSS		CW	COLD WATER			DUCT WITH SOUND LINING			GOV	GLOBE VALVE		T*STAT	THERMOSTAT, CEILING MOUNTED
	CAP		HW	HOT WATER			DUCT WITH INSULATION			BV	BALL VALVE		TH	THERMOTA, SELF-CONTAINED
	PLUG		HWR	HOT WATER RETURN			FLEXIBLE DUCT			BR	BUTTERFLY VALVE			PUMP
	BLANK FLANGE		HWC	HOT WATER CIRCULATION		S/A	SUPPLY AIR			PR	PRESSURE RELIEF/SAFETY VALVE			
	FLANGE BULKHEAD		T	TEMPERED WATER		R/A	RETURN AIR			PRV	PRESSURE REDUCING VALVE			
	SPECTACLE FLANGED		S	SANITARY SOIL/WASTE		E/A	EXHAUST AIR			CV	CHECK VALVE			
	REDUCING FLANGE		PS	PUMPED SANITARY SOIL/WASTE		O/A	OUTSIDE AIR				FOOT CHECK			
	BUSHING		SD	STORM DRAIN			SUPPLY AIR, OUTSIDE AIR				BALANCING VALVE			
	REDUCER		RL	RAIN LEADER		R/A	RETURN AIR		MOV	2 WAY CONTROL VALVE				
	ECCENTRIC REDUCER		ORL	OVERFLOW RAIN LEADER		E/A	EXHAUST AIR		MOV	3 WAY CONTROL VALVE				
	COUPLING		SP	SPRINKLER		T/A	T/A		MV	MIXING VALVE				
	EXPANSION JOINT		F	FIRE LINE			FLUX CONNECTION				FUSIBLE LINK VALVE			
	EXPANSION JOINT, BELLAWS		HWS	HEATING WATER SUPPLY		HC	HEATING COIL				DRAIN VALVE WITH HOSE ADAPTOR			
	RETURN BEND		HWR	HEATING WATER RETURN		CC	COOLING COIL		HB	HOSE BIB				
	ANGLE BEND, SPECIFY IF OTHER THAN 90 OR 45 DEGREES		GS	GLYCOL SUPPLY			AIR MONITOR STATION				BACK PRESSURE VALVE			
	DOUBLE BRANCH, PLAIN OR DBL T-Y		GHS	GLYCOL HOT WATER SUPPLY		VD	MANUAL VOLUME DAMPER				FLOAT OPERATED VALVE			
	CONNECTOR HOSE		GR	GLYCOL RETURN		MOD	MOTOR OPERATED DAMPER				MOTOR OPERATED VALVE			
VTR	VENT THROUGH ROOF		GHR	GLYCOL HOT WATER RETURN		FD	FIRE DAMPER				AIR OPERATED VALVE			
AAV	AUTOMATIC AIR VENT		SS	STEAM SUPPLY		BO	BAROMETRIC DAMPER				PRESSURE GAGE			
CD	CLEANOUT		CR	CONDENSATE RETURN			AIR EXTRACTOR				THERMOMETER			
WCC	WALL CLEANOUT		CWS	CHILLED WATER SUPPLY			AIR FOL TURNING				FILTER			
FCD	FLOOR CLEANOUT		CWR	CHILLED WATER RETURN			MANUAL SPLITTER				SLEEVE			
YCD	YARD CLEANOUT		G	FUEL GAS			STANDARD BRANCH				PIPE GUIDE			
RD	ROOF DRAIN		FDS	FUEL OIL SUPPLY			SLOT DIFFUSER WITH FLEX CONNECTOR				PIPE ANCHOR, INTERMEDIATE			
FD	FLOOR DRAIN		FOR	FUEL OIL RETURN			HEATER UNIT, PROPELLER TYPE				PIPE ANCHOR, MAIN			
WM	WATER METER		FOV	FUEL OIL TANK VENT			FAN, CENTRIFUGAL, PLAN				FLEXIBLE PIPE CONNECTOR			
GM	GAS METER		A	COMPRESSED AIR			FAN, CENTRIFUGAL, ELEV.		WH	WALL HYDRANT				
			V	VENT			FAN, AXIAL W/PREHEATER FREE INLET, END				COMPRESSED AIR OUTLET			
			CP	CEILING PENETRATION			FAN, AXIAL W/PREHEATER FREE INLET, SIDE		SD	SMOKE DETECTOR				
			FP	FLOOR PENETRATION			VENTILATOR, STANDARD, ROOF, PLAN				PRESSURE SWITCH			
			RP	ROOF PENETRATION			VENTILATOR, STANDARD, ROOF, ELEV.				VENTED BACKFLOW VALVE			
			WP	WALL PENETRATION		CTR	CHIMNEY, GAS OR AIR VEH							



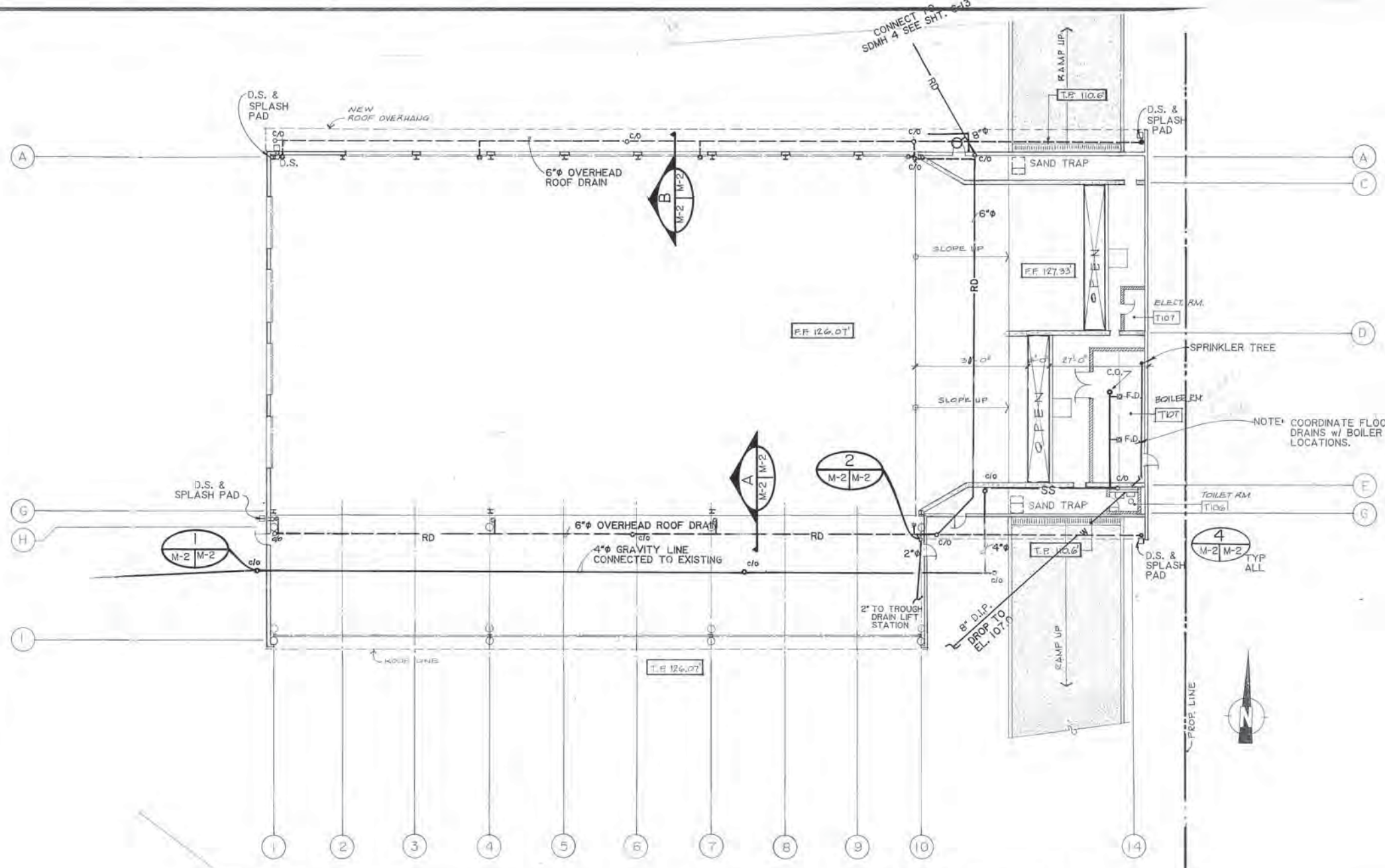
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
 DESIGNED :  
 DRAWN : KLA  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : AS NOTED

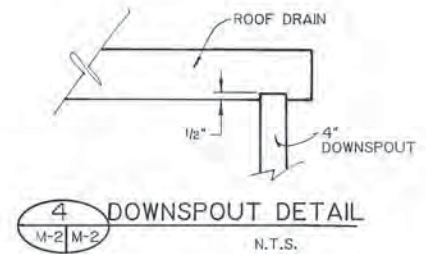
NO.	REVISION	DATE BY



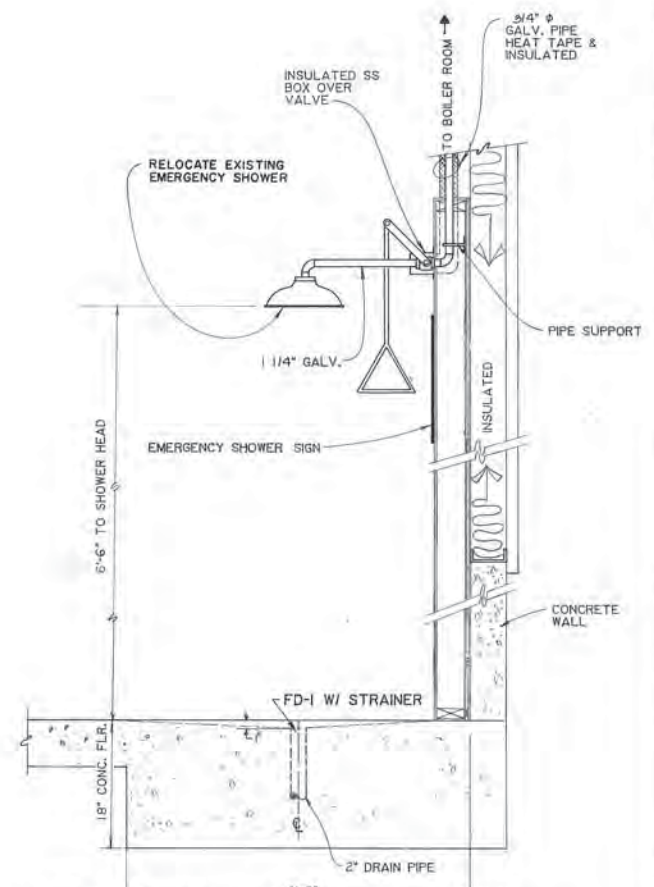
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**MECHANICAL PLUMBING LEGEND**



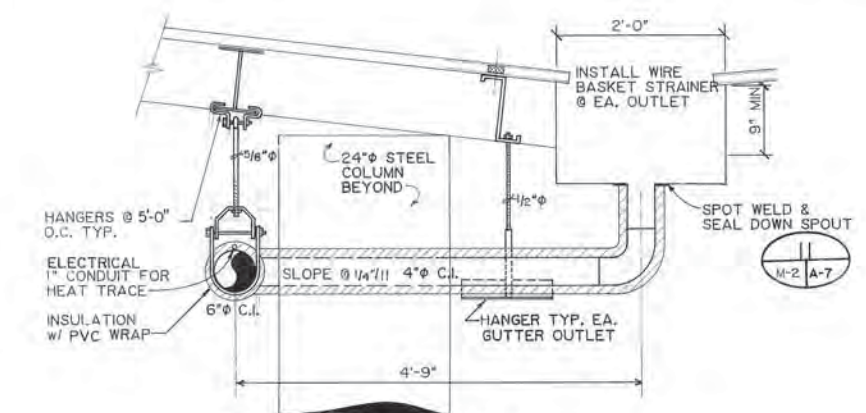
**A** PLUMBING PLAN  
M-2 M-2



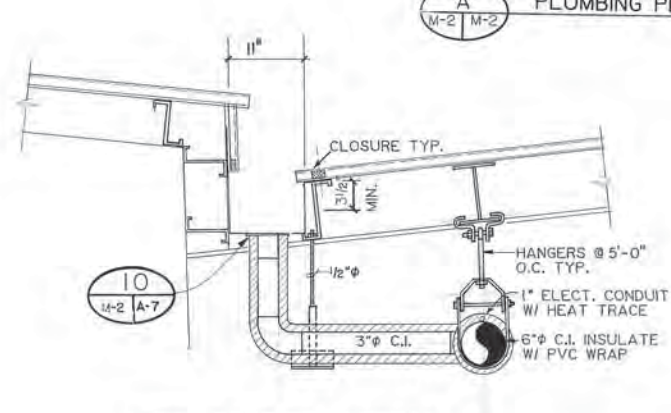
**4** DOWNSPOUT DETAIL  
M-2 M-2 N.T.S.



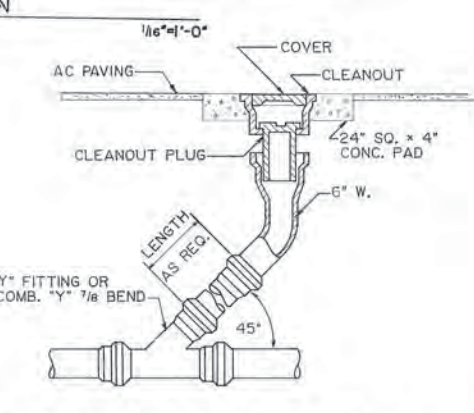
**2** EMERGENCY SHOWER - DETAIL  
M-2 M-2 1" = 1'-0"



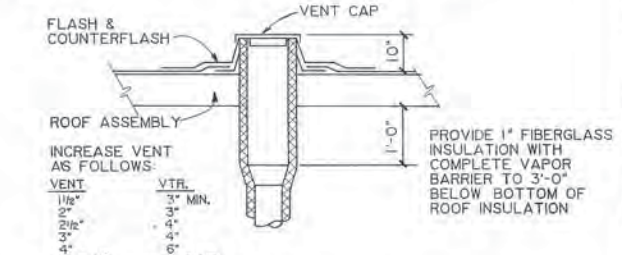
**A** ROOF DRAIN DETAIL  
M-2 M-2 N.T.S.



**B** ROOF DRAIN DETAIL  
M-2 M-2 N.T.S.



**M-2 M-2** YARD CLEANOUT DETAIL  
N.T.S.



**3** VENT DETAIL  
M-2 M-3/4 N.T.S.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

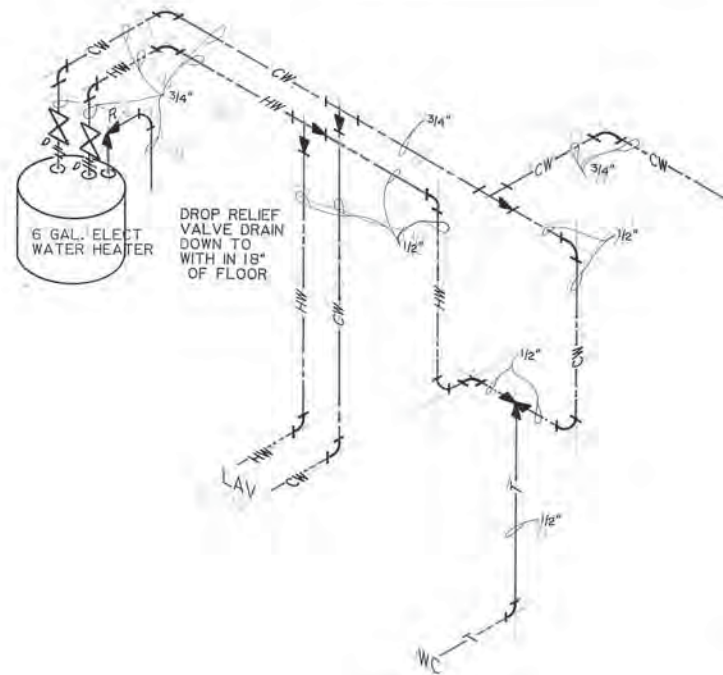
PROJECT NO. 86-010-04  
DESIGNED: BT.  
DRAWN: KLA, V.M.S., bh, akf  
CHECKED: A.S.  
DATE: JAN. 20, 1987  
SCALE: AS NOTED

NO.	REVISION	DATE	BY

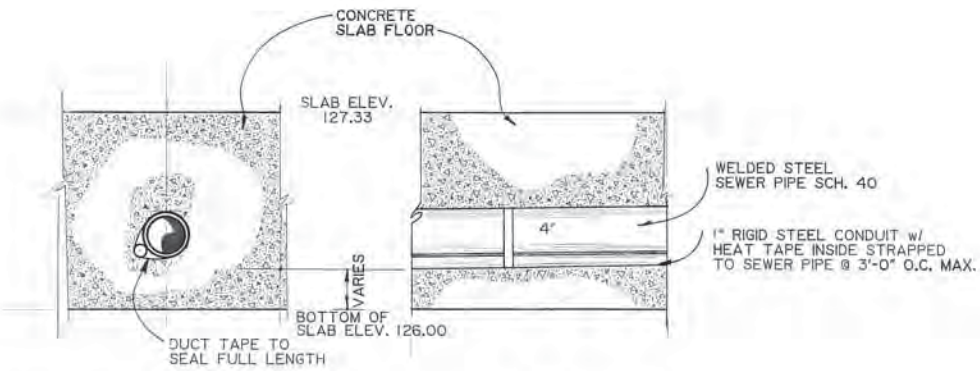


SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
TRANSFER STATION  
PLUMBING PLAN

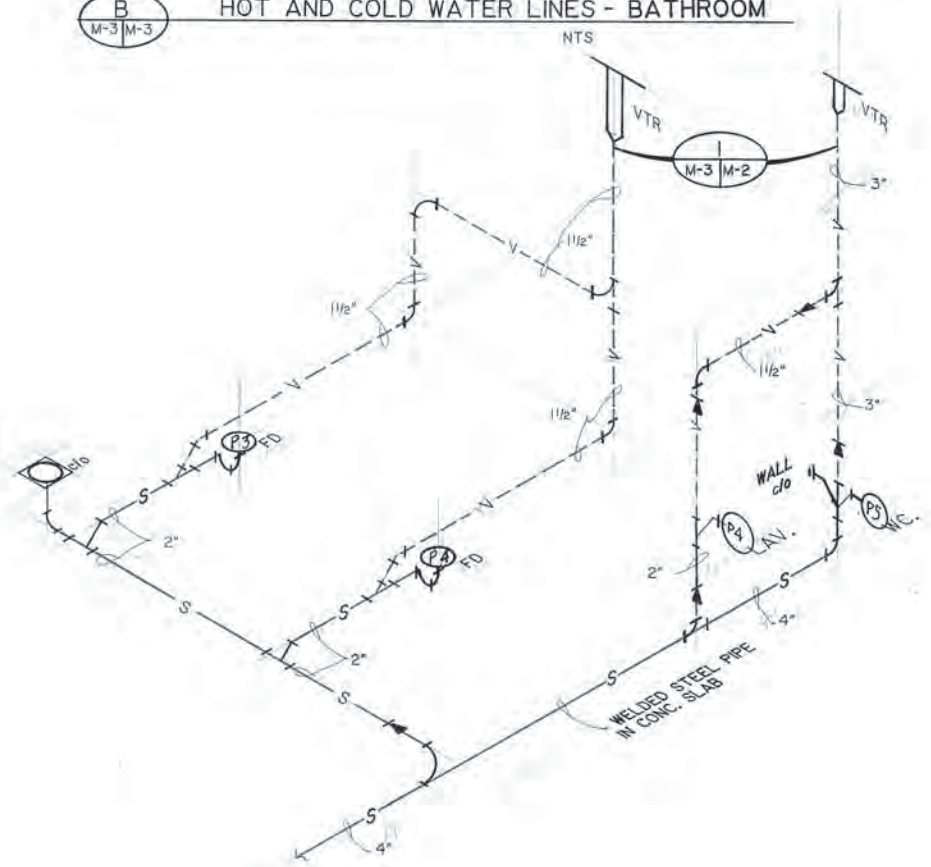
M-2  
SHEET 49 OF 68



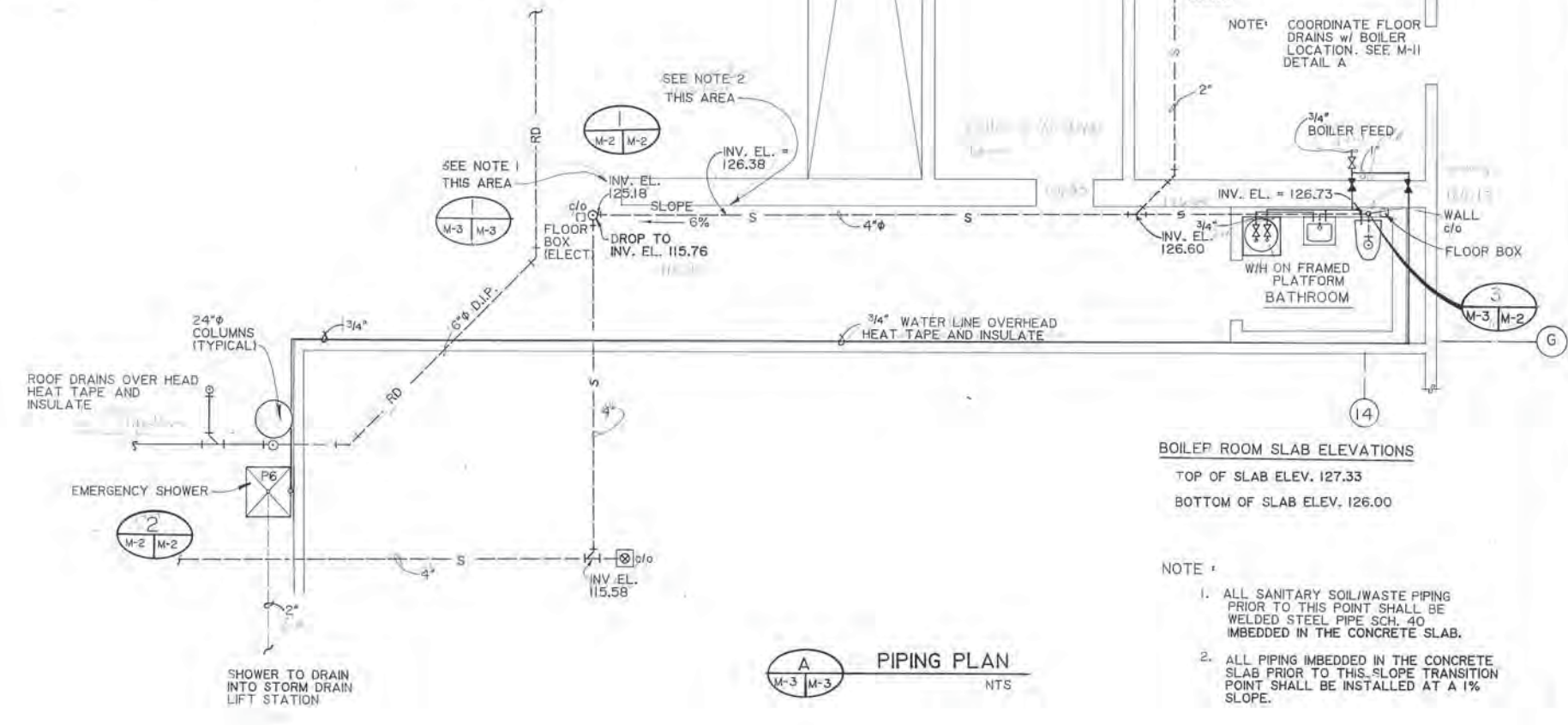
**B** HOT AND COLD WATER LINES - BATHROOM  
M-3 M-3 NTS



**M-3 M-3** SEWER PIPE IN CONCRETE SLAB DETAIL  
NTS



**C** DRAIN WASTE AND VENTING - BOILER ROOM  
M-3 M-3 NTS



**A** PIPING PLAN  
M-3 M-3 NTS

**BOILER ROOM SLAB ELEVATIONS**  
TOP OF SLAB ELEV. 127.33  
BOTTOM OF SLAB ELEV. 126.00

- NOTE:**
1. ALL SANITARY SOIL/WASTE PIPING PRIOR TO THIS POINT SHALL BE WELDED STEEL PIPE SCH. 40 IMBEDDED IN THE CONCRETE SLAB.
  2. ALL PIPING IMBEDDED IN THE CONCRETE SLAB PRIOR TO THIS SLOPE TRANSITION POINT SHALL BE INSTALLED AT A 1% SLOPE.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

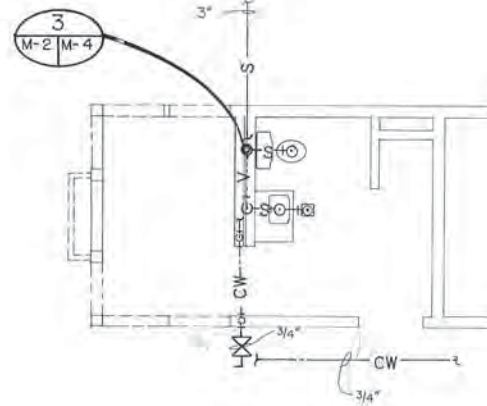
PROJECT NO. 86-010-04  
DESIGNED BY BT, RLE  
DRAWN BY KLA, WAP  
CHECKED BY  
DATE JAN. 20, 1987  
SCALE AS NOTED

NO.	REVISION	DATE	BY



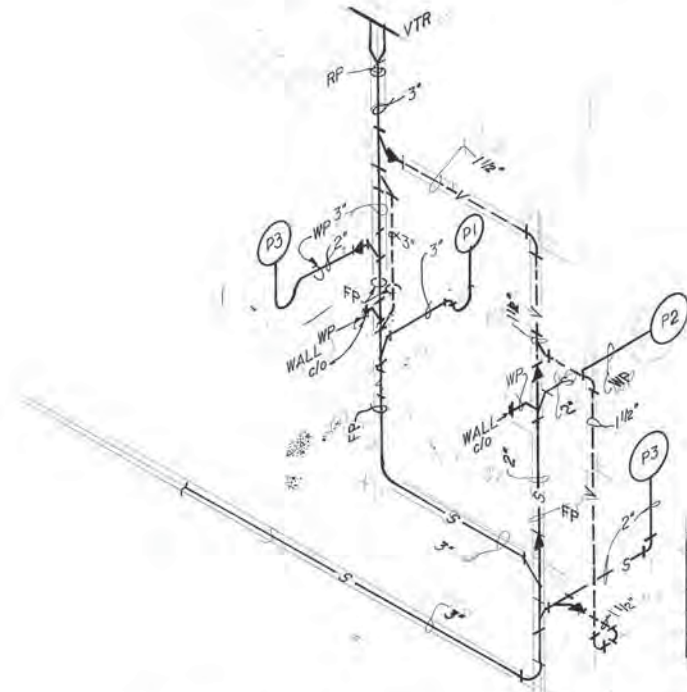
SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
TRANSFER STATION  
PLUMBING PLAN & ISOMETRICS

M-3  
SHEET 50 OF 68



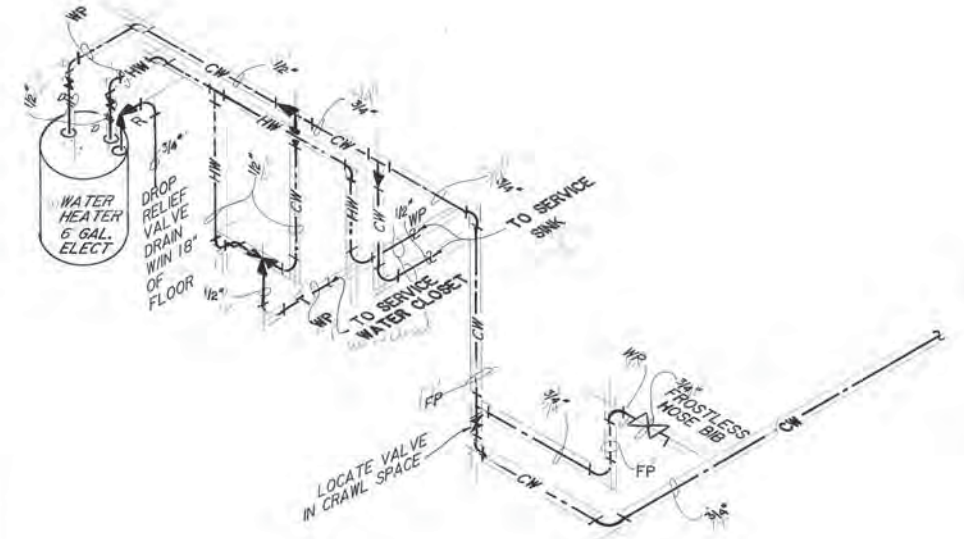
NOTE: WATER HEATER MOUNTED ABOVE TOILET ON WALL.

**A**  
M-4  
PAY BOOTH - PLUMBING PLAN  
1/4" = 1'-0"

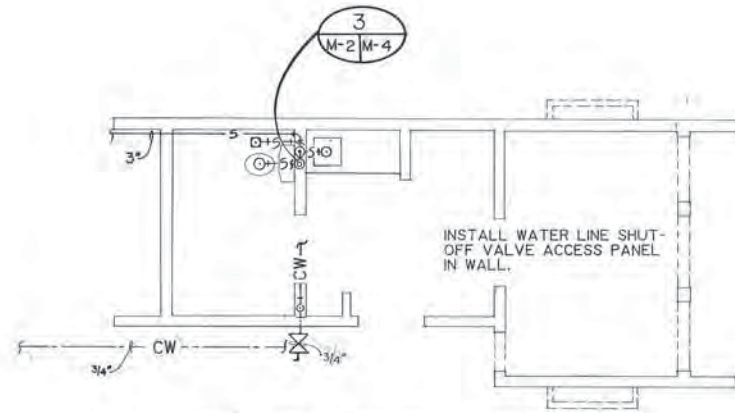


KEY		
MARK	DESCRIPTION	FIXTURE UNITS (EAU)
P1	WATER CLOSET	6
P2	WASH BASIN	1
P3	FLOOR DRAIN	2

**B**  
M-4  
PAY BOOTH - DRAIN WASTE & VENT PIPING  
NTS

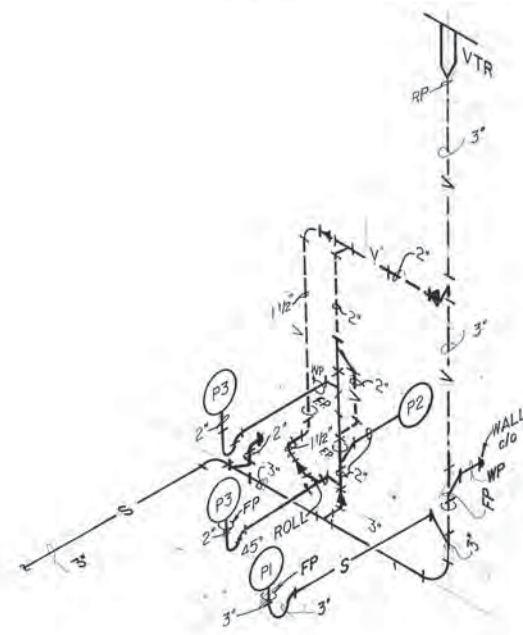


**C**  
M-4  
PAY BOOTH - WATER LINES  
NTS



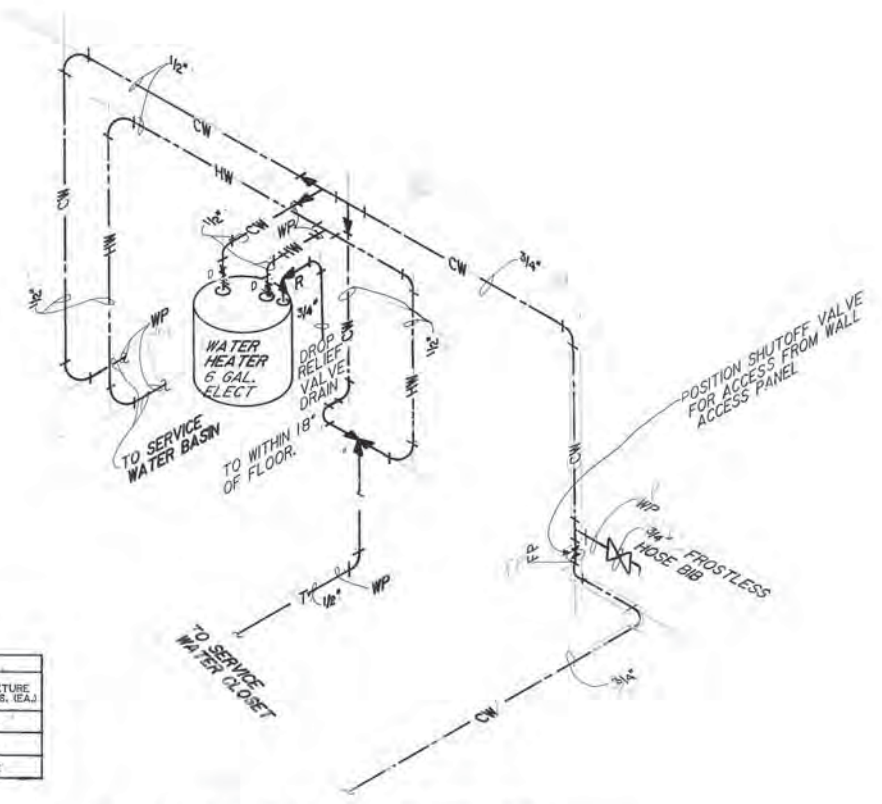
NOTE: WATER HEATER MOUNTED ABOVE TOILET ON WALL.

**D**  
M-4  
SCALE HOUSE - PLUMBING PLAN  
1/4" = 1'-0"



KEY		
MARK	DESCRIPTION	FIXTURE UNITS (EAU)
P1	WATER CLOSET	6
P2	WASH BASIN	1
P3	FLOOR DRAIN	2

**E**  
M-4  
SCALE HOUSE - DRAIN WASTE & VENT PIPING  
NTS



**F**  
M-4  
SCALE HOUSE - WATER LINES  
NTS

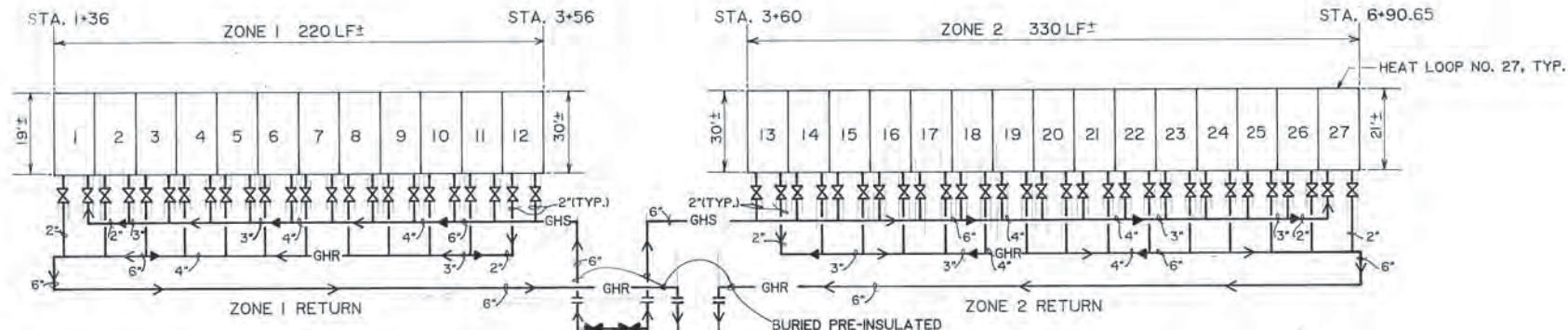
PROJECT NO. 86-010-04M0A  
 DESIGNED: RJH  
 DRAWN: KLU  
 CHECKED:  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO.	REVISION	DATE BY

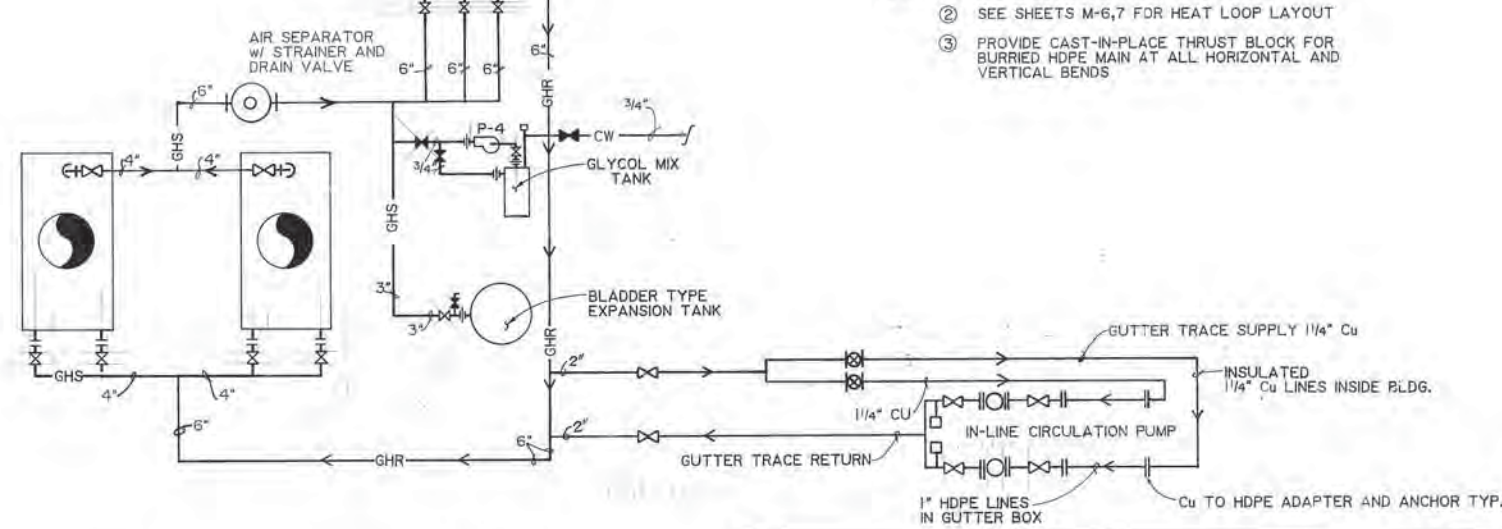


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**SCALE HOUSE AND PAY BOOTH  
 PLUMBING PLANS & ISOMETRICS**

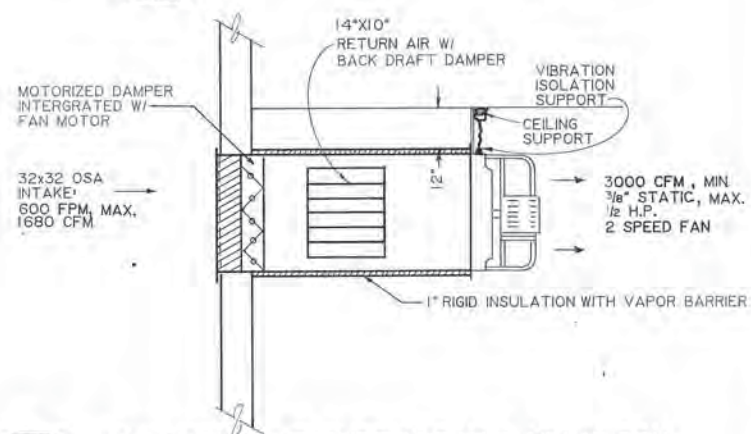
PAY BOOTH HEAT  
 4 COILS MAX. 500  
 MELT FLOW METER  
 M-5  
 C. T. F.



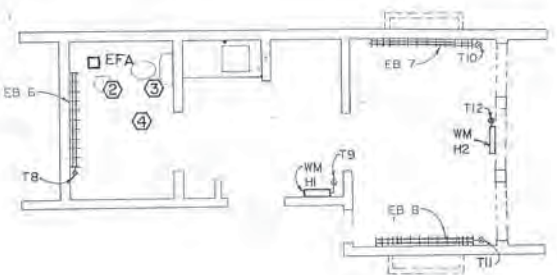
- NOTES:
- SEE SHEET M-10 FOR CIRCUIT DETAIL
  - SEE SHEETS M-6,7 FOR HEAT LOOP LAYOUT
  - PROVIDE CAST-IN-PLACE THRUST BLOCK FOR BURIED HDPE MAIN AT ALL HORIZONTAL AND VERTICAL BENDS



**A SNOW MELT SYSTEM FLOW DIAGRAM**  
 M-5 M-10, M-11 NTS



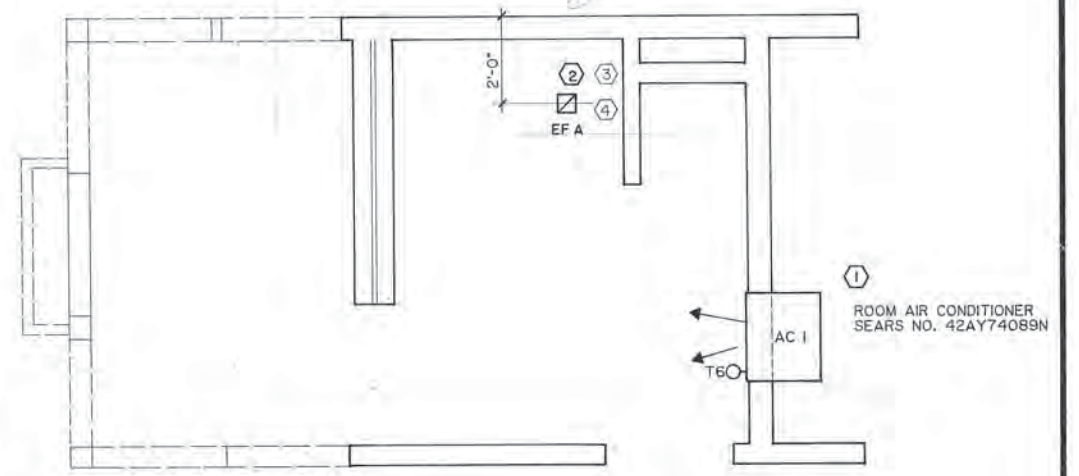
**B COMBUSTION AIR SUPPLY FAN & MIXING BOX**  
 M-5 M-11 SCALE: 1/2" = 1'-0"



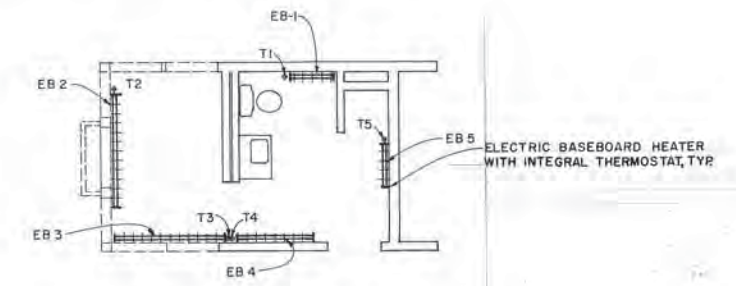
**SCALE HOUSE - HEATING PLAN**  
 NTS

ELECTRICAL HEATING FIXTURES									
MARK	TYPE	MANUFACTURER	MODEL NO.	ACCESSORIES	VOLTS	WATTS	STAIR OUTPUT	LENGTH	CONTROLS
EB1	BASEBOARD	SINGER	9720	CAT.# 9926	120	500	1707	28"	T1
EB2	BASEBOARD	SINGER	9720-H	CAT.# 9926	120	1500	5120	72"	T2
EB3	BASEBOARD	SINGER	9720-H	CAT.# 9926	120	1500	5120	72"	T3
EB4	BASEBOARD	SINGER	9720-D	CAT.# 9926	120	1000	3415	48"	T4
EB5	BASEBOARD	SINGER	9720	CAT.# 9926	120	500	1707	28"	T5
EB6	BASEBOARD	SINGER	9720-F	CAT.# 9926	120	1250	4265	60"	T6
EB7	BASEBOARD	SINGER	9720-B	CAT.# 9926	120	750	2560	40"	T10
EB8	BASEBOARD	SINGER	9720-B	CAT.# 9926	120	750	2560	40"	T11
WMH	WALL MOUNTED	SINGER	5990-P	CAT.# 8754	120	1500	5122	139"	T9
WMH2	WALL MOUNTED	SINGER	5990-P	CAT.# 8754	120	1500	5122	139"	T12

- SELF-CONTAINED AIR CONDITIONER, 8000 BTU/HOUR, 9.6 ENERGY EFFICIENCY RATING, 23"X20"X16", 115 V, 7.5 AMPS, 3-SPEED FAN, 4-WAY AIR FLOW, SELF-CONTAINED ADJUSTABLE THERMOSTAT, SEARS MODEL NO. 42AY74089N.
- BATHROOM EXHAUST FAN NUTONE NO. 8832, 80 CFM, WALL WITH WEATHER LOUVER NO. 885, FOR PAY BOOTH AND SCALE HOUSE.
- RUN EXHAUST AIR, 3"Ø DUCT THROUGH CEILING JOIST TO OUTSIDE WALL AND INSULATE.
- FAN IS INTERCONNECTED WITH BATHROOM LIGHT SWITCH FOR PAYBOOTH, AND CONTROLLED BY TIME SWITCH IN SCALE HOUSE SEE ELECTRICAL PLAN E-3.



**PAY BOOTH COOLING PLAN**  
 SCALE: 1/2" = 1'-0"



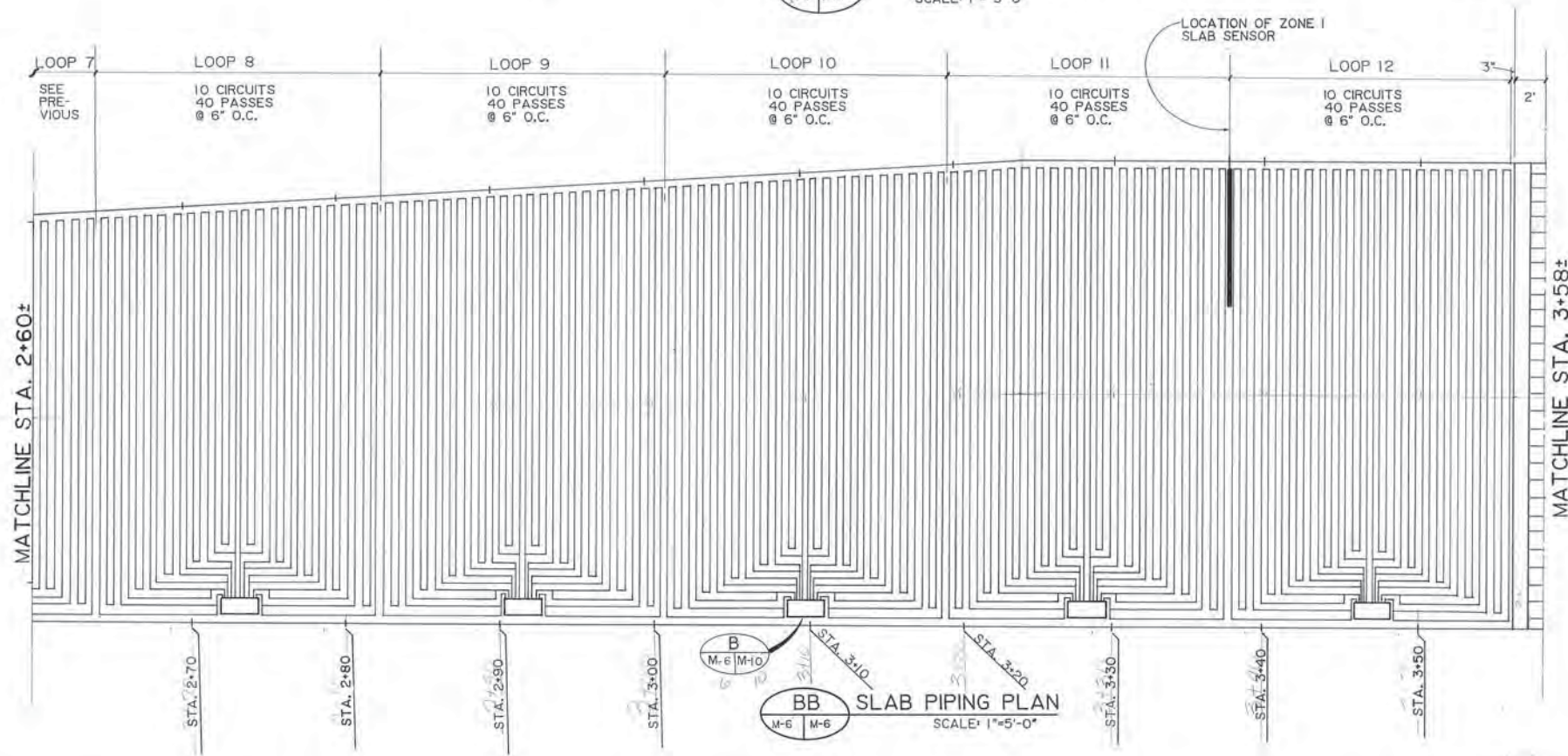
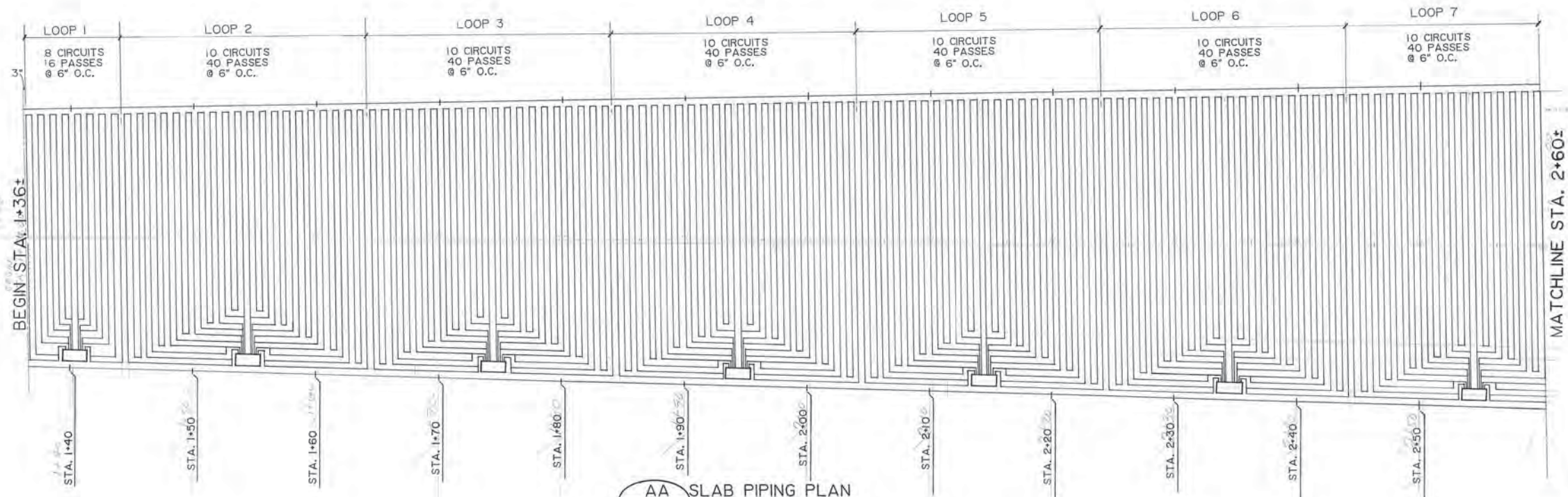
**PAY BOOTH - HEATING PLAN**  
 NTS

PROJECT NO. 86-010-04 MOA  
 DESIGNED: BT  
 DRAWN: WAP, KLA, VMS  
 CHECKED: DLB  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

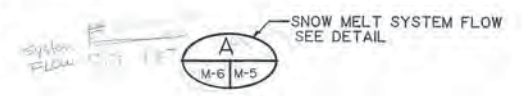
NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**PAY BOOTH HEATING & COOLING PLAN ,**  
**SNOW MELT SYSTEM FLOW DIAGRAM,**  
**SCALE HOUSE HEATING PLAN**



NOTE: MECHANICAL CONTRACTOR TO COORDINATE CONCRETE EXPANSION JOINTS BETWEEN LOOPS.



**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

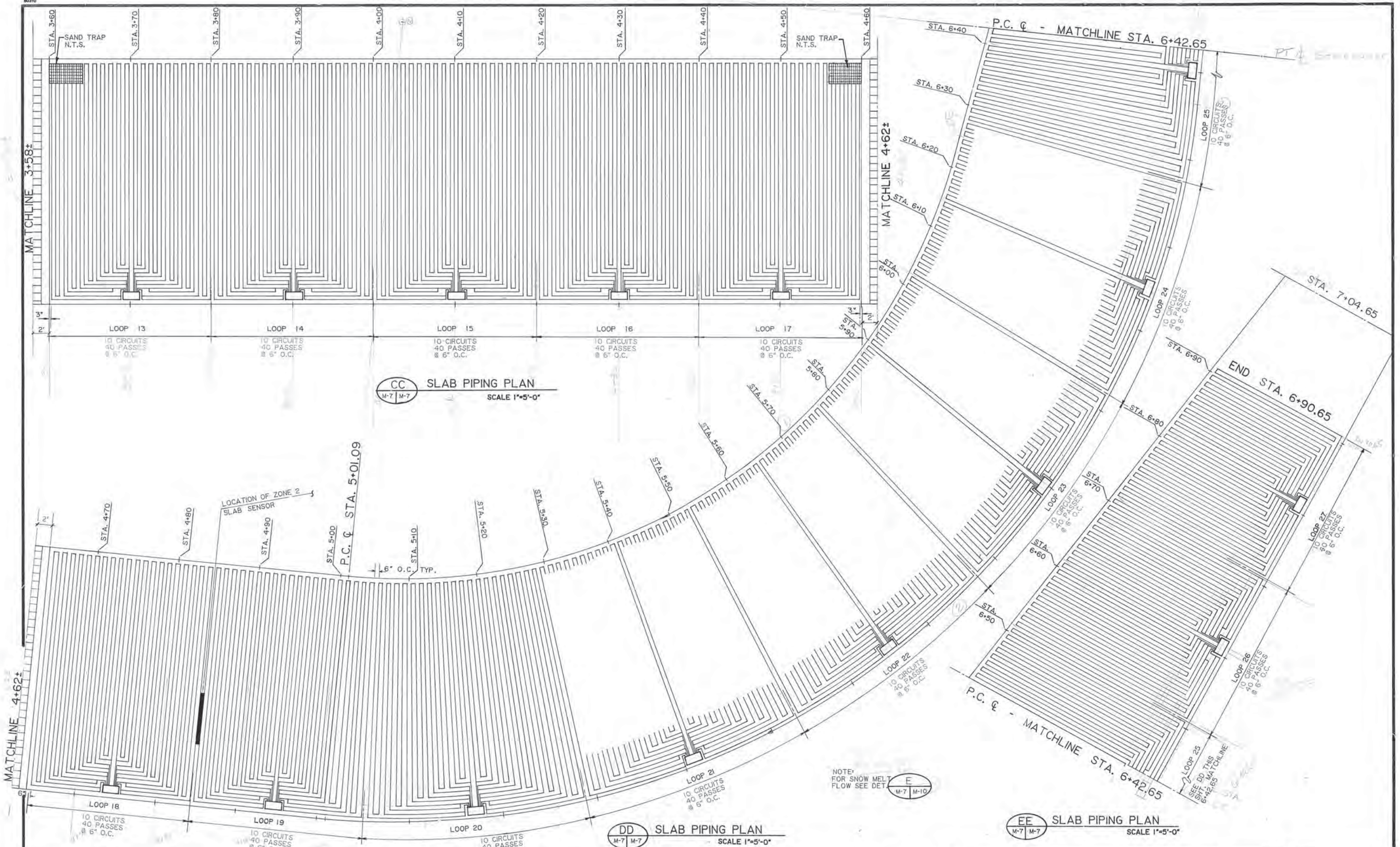
PROJECT NO. 86-010-04  
DESIGNED: BT  
DRAWN: VMS, AKF  
CHECKED: DLB  
DATE: JAN. 20, 1987  
SCALE: 1" = 5'-0"

NO.	REVISION	DATE BY

MUNICIPALITY OF ANCHORAGE  
SOLID WASTE SERVICES

STATE OF ALASKA  
Professional Engineer  
David L. Bopp  
ME - 5470

SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**HEATED SLAB PIPING LAYOUT**



CC SLAB PIPING PLAN  
SCALE 1"=5'-0"

DD SLAB PIPING PLAN  
SCALE 1"=5'-0"

EE SLAB PIPING PLAN  
SCALE 1"=5'-0"

NOTE:  
FOR SNOW MELT  
FLOW SEE DET.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
DESIGNED: BT  
DRAWN: VMS, J'LA, bh  
CHECKED: DLB  
DATE: JAN. 20, 1987  
SCALE: 1"=5'-0"

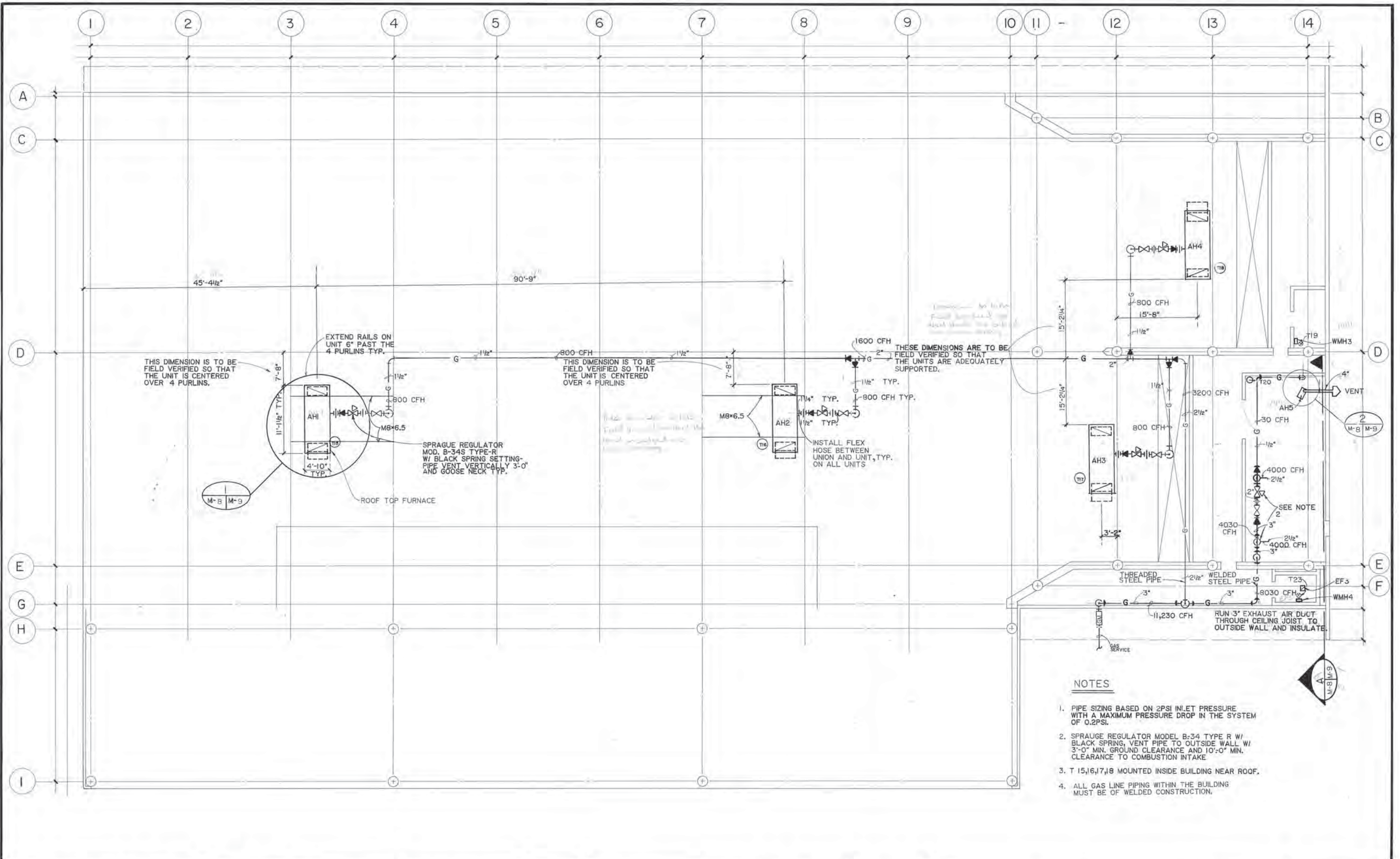
NO.	REVISION	DATE	BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**HEATED SLAB PIPING LAYOUT**

M-7  
SHEET 54 OF 68





**NOTES**

1. PIPE SIZING BASED ON 2PSI INLET PRESSURE WITH A MAXIMUM PRESSURE DROP IN THE SYSTEM OF 0.2PSI.
2. SPRAGUE REGULATOR MODEL B-34 TYPE R W/ BLACK SPRING, VENT PIPE TO OUTSIDE WALL W/ 3'-0" MIN. GROUND CLEARANCE AND 10'-0" MIN. CLEARANCE TO COMBUSTION INTAKE
3. T 15,16,17,18 MOUNTED INSIDE BUILDING NEAR ROOF.
4. ALL GAS LINE PIPING WITHIN THE BUILDING MUST BE OF WELDED CONSTRUCTION.

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

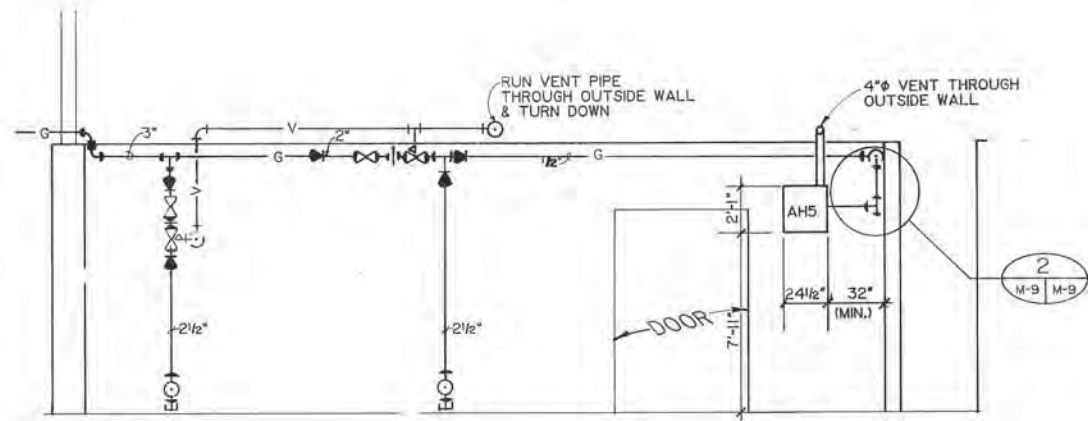
PROJECT • 86-010-04  
 DESIGNED • RJH  
 DRAWN • KLA, AKF, VMS  
 CHECKED •  
 DATE • JAN. 20, 1987  
 SCALE • 1/8" = 1'-0"

NO.	REVISION	DATE	BY

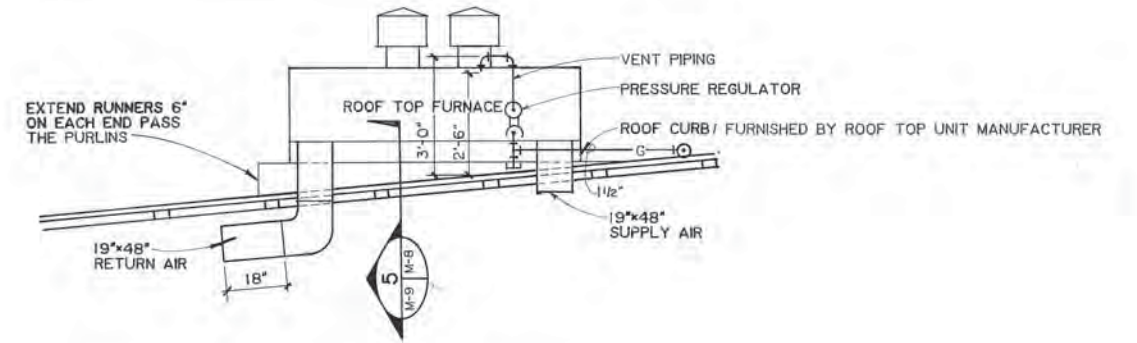


SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER STATION**  
 HEATING PLAN

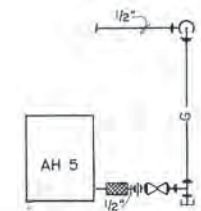
M-8  
 SHEET 55 OF 68



**A** BOILER ROOM SECTION  
M-8 M-9 NTS

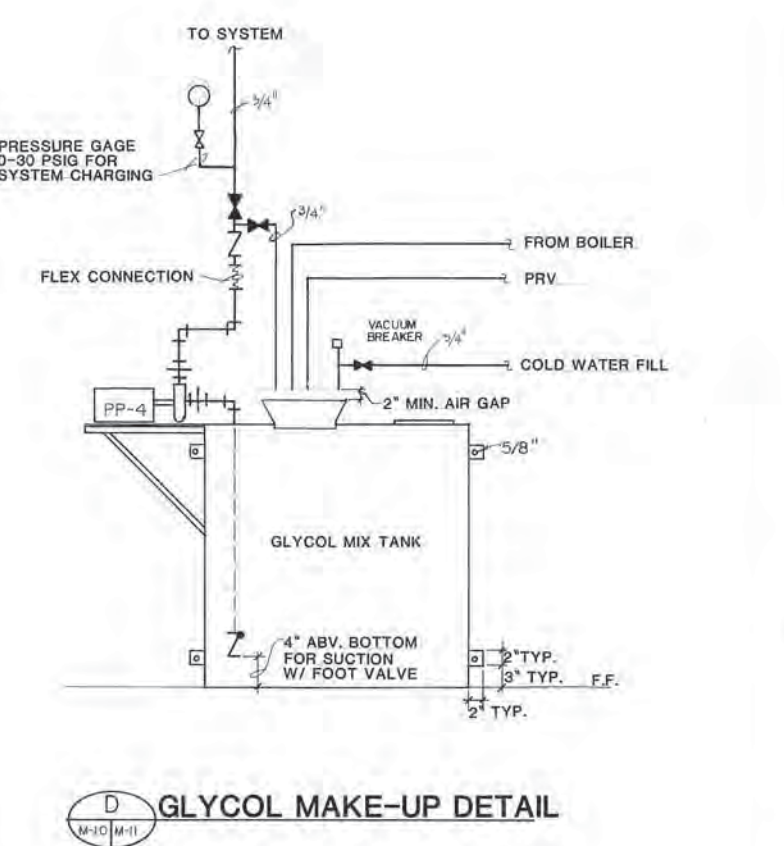
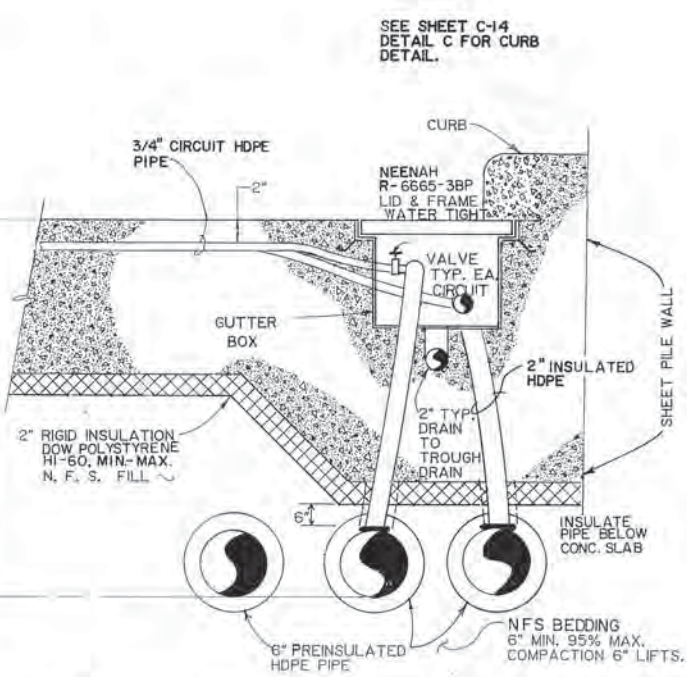
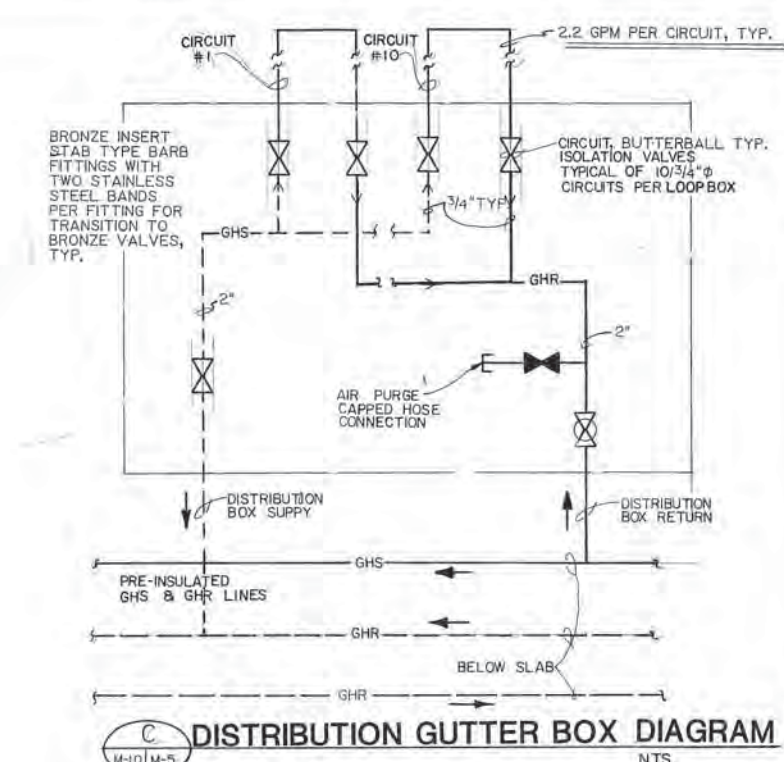
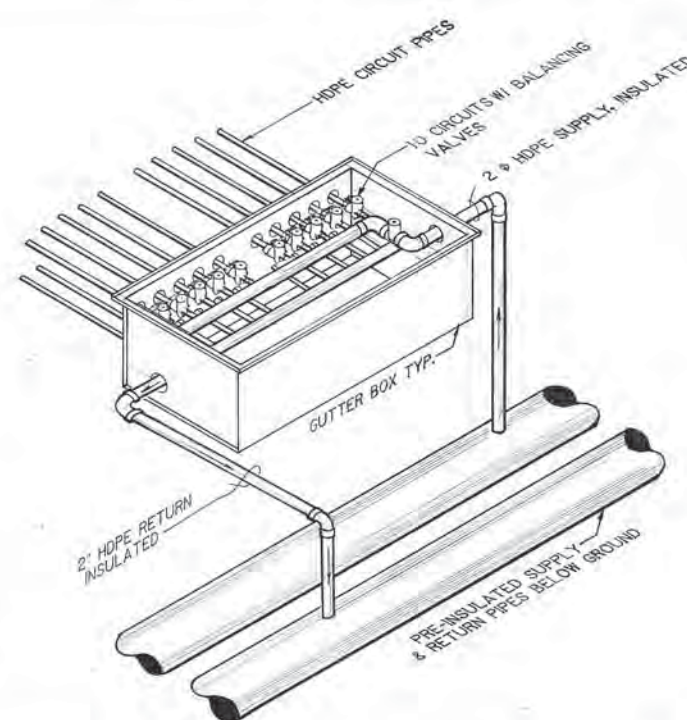
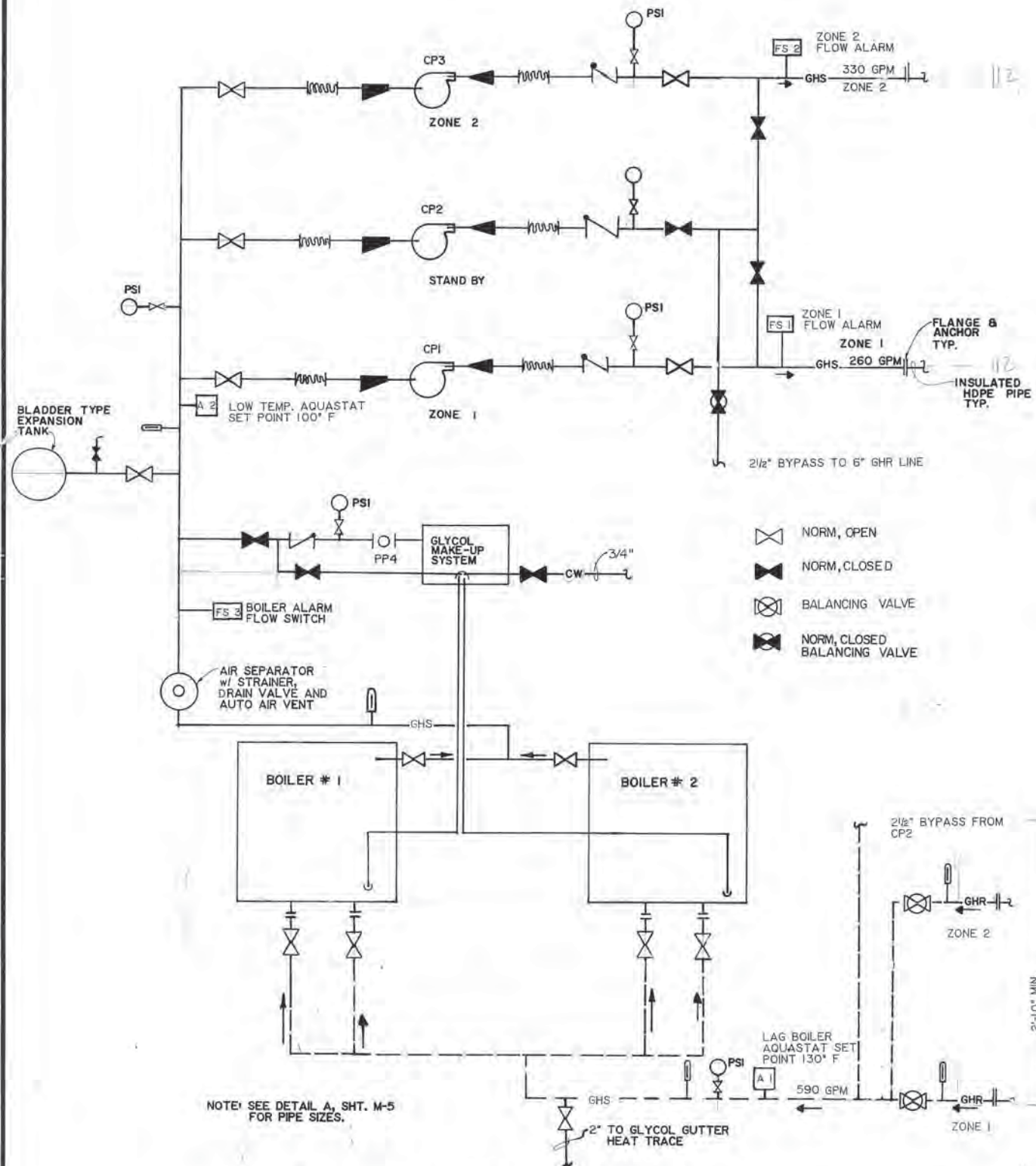


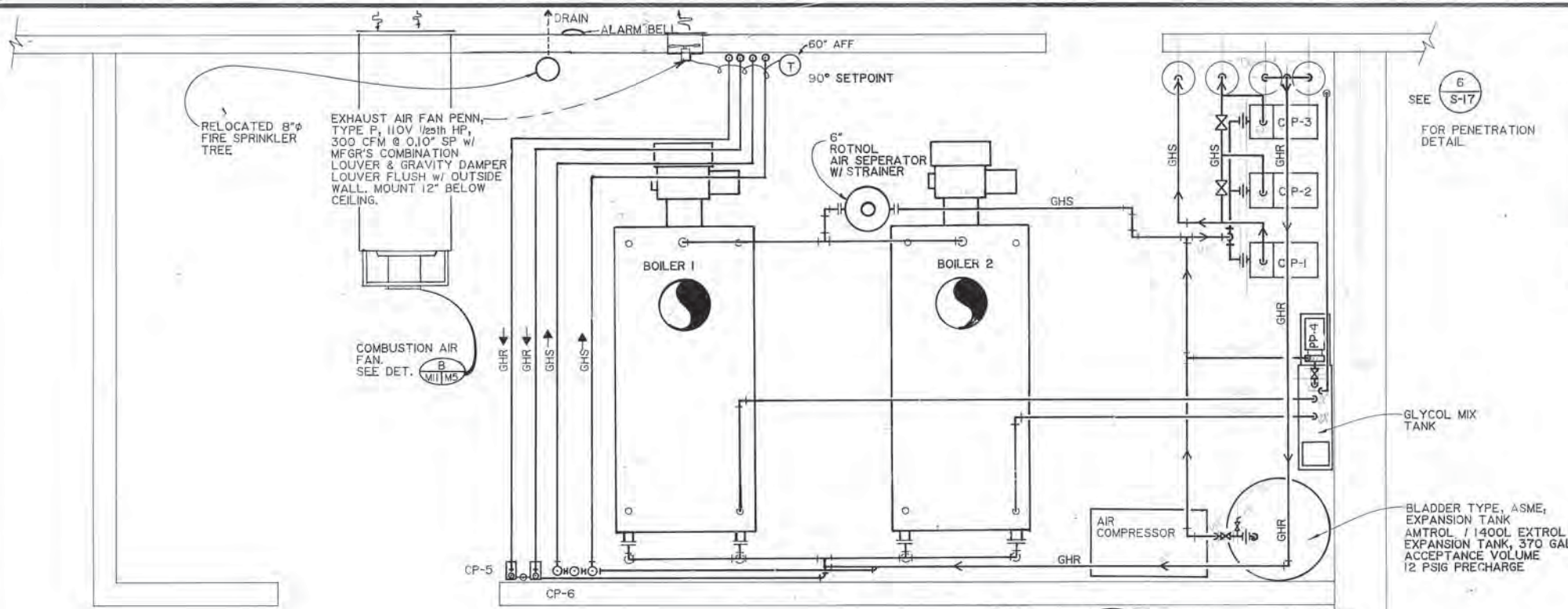
**1** TYPICAL ROOF TOP FURNACE DETAIL  
M-8 M-9 NTS



**2** DETAIL  
M-8 M-9 NTS

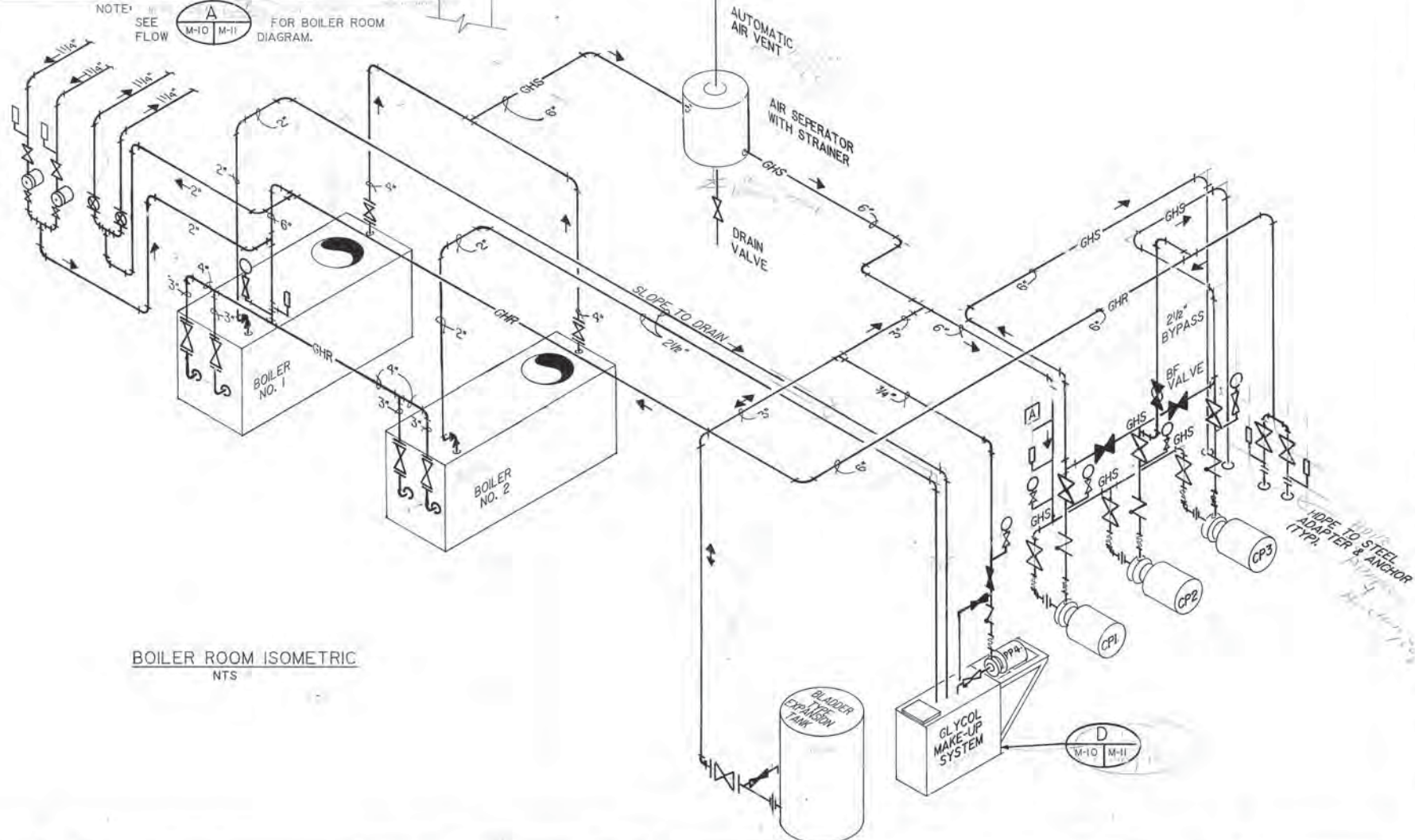
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 12/15/87



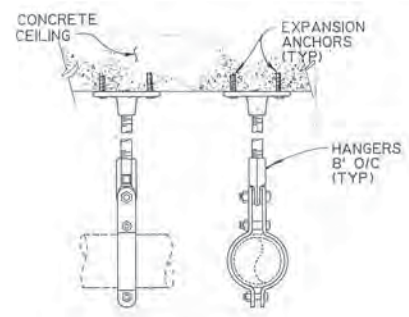


PUMP SCHEDULE								
SYMBOL	LOCATION	SERVICE	T.D.H.	G.P.M.	H.P.	VOLTS	R.P.M.	REMARKS
CP2,CP3	MECHANICAL ROOM	DRIVEWAY HEAT	78	330	10	480 3φ	1750	CORNELL, 3R0, EFF. 70%
CP1	MECHANICAL ROOM	DRIVEWAY HEAT	50	260	5	480 3φ	1760	CORNELL, 2 1/2 YH EFF. 73%
PP-4	MECHANICAL ROOM	GLYCOL FEED	30 PSIG	12	1/3	115	3500	GOULD, J03 SERIES
CP-5, CP-6	MECHANICAL ROOM	RAIN GUTTER	16.4	12	1/2	115	3200	GRUNDFOS, UP 26-64

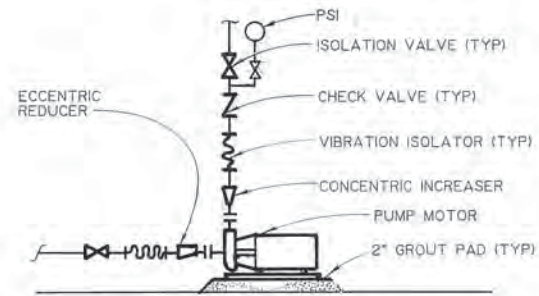
**BOILER ROOM PLAN**  
SCALE: 1/2" = 1'-0"



**BOILER ROOM ISOMETRIC**  
NTS



**TYPICAL HANGER DETAIL**  
N.T.S.



**TYPICAL PUMP DETAIL**  
N.T.S.

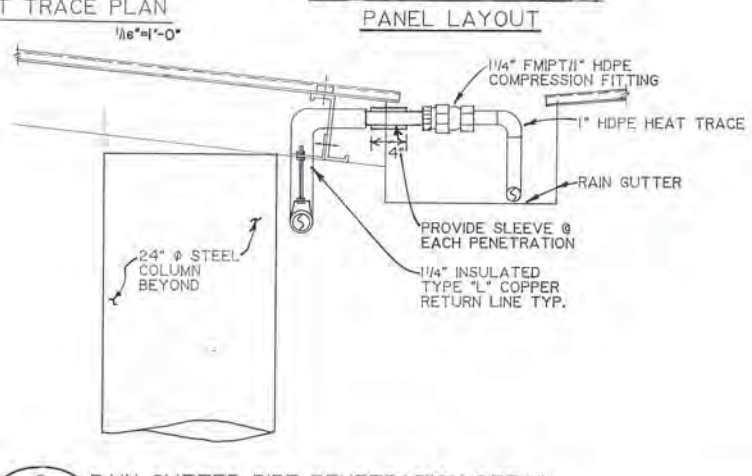
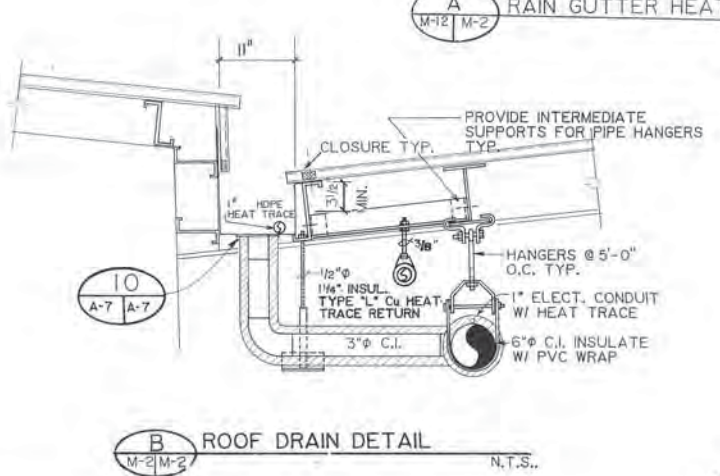
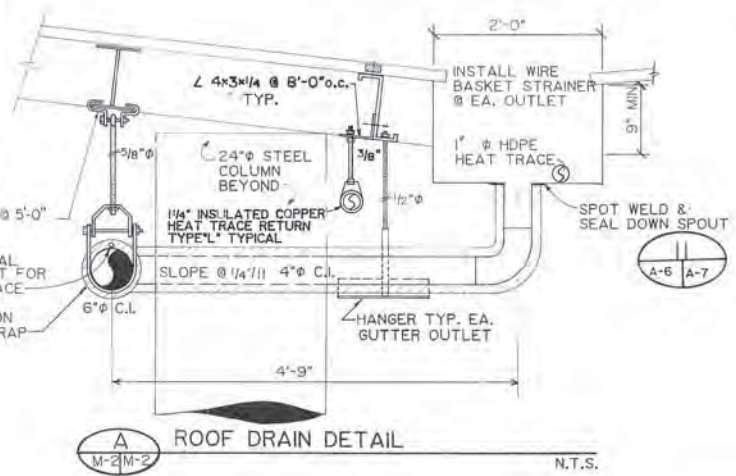
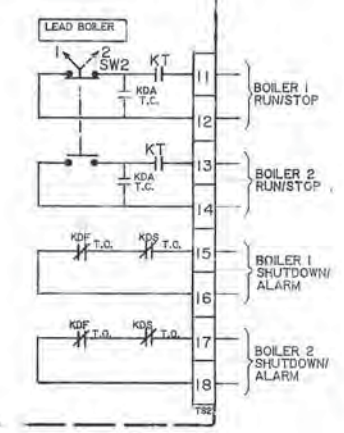
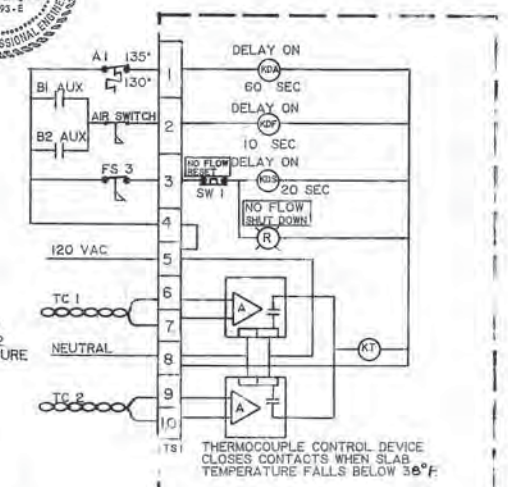
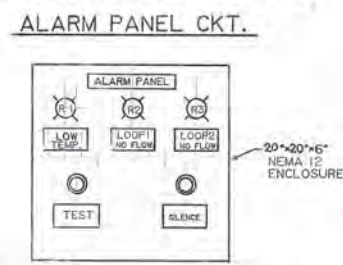
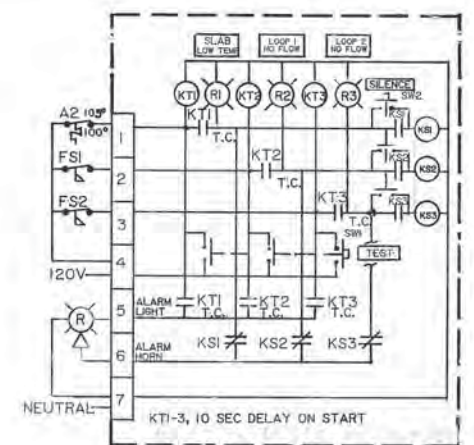
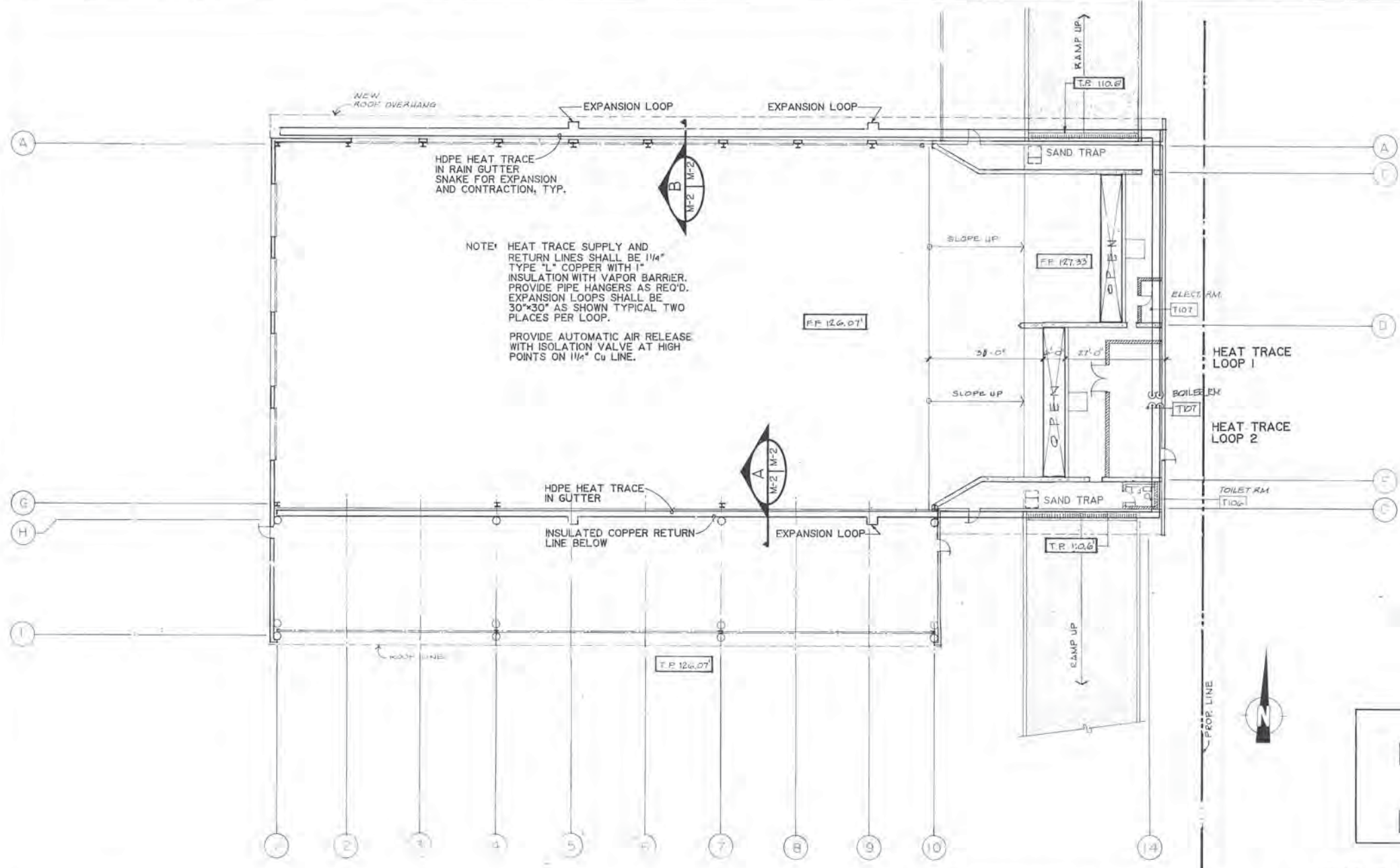
PROJECT NO: 86-010-04 MOA  
 DESIGNED: BT  
 DRAWN: VMS, KLA  
 CHECKED: DLB  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**BOILER ROOM PLAN & ISOMETRIC**

M-12



**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
 DESIGNED: BT  
 DRAWN: KLA, V.M.S., bh, AKF  
 CHECKED: DLB  
 DATE: JAN. 20, 1987  
 SCALE: AS NOTED

NO.	REVISION	DATE	BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 TRANSFER STATION  
 PLUMBING PLAN

HAV Schedules  
 Rev. 11-13  
 Central Trans. Sta.

PLUMBING FIXTURES

MARK	NO. REQD.	GENERAL FIXTURE DESCRIPTION	SUPPLY PIPING			DRAINAGE					MTG. HEIGHT	NOTES
			COLD WATER	HOT WATER	TEMPERED	OUTLET	TRAP	FIX. DRAIN	DIRECT WASTE	VENT		
P1	2	WATER CLOSET	1/2"	1/2"	1/2"		3"	3"	3"	3"	FL.	I
P2	2	WASH BASIN	1/2"	1/2"			2"	2"	3"	1 1/2"	31"	I
P3	2	FLOOR DRAIN					2"	2"	3"	1 1/2"	FL.	I
P4	1	WASH BASIN	1/2"	1/2"			2"	2"	4"	1 1/2"	31"	I
P5	1	WATER CLOSET	1/2"	1/2"	1/2"		4"	4"	4"	3"	WL.	I
P6	1	EMERGENCY SHOWER	3/4"					2"	2"		FL.	I

FAN SCHEDULE

MARK	TYPE / VOLTS	MODEL	MODEL NO.	SERVICE	C.F.M.	STATIC PRESS.	WHEEL DIA.	CONTROL DEVICE	NOTES
EF 3	CEILING MOUNTED 1120V	NUTONE	8832	REST ROOM EXHAUST	80	N/A	N/A	N/A	

NOTES:

1. THIS EQUIPMENT TO BE FURNISHED BY PLUMBING CONTRACTOR.

AIR HANDLING UNITS

UNIT NO.	SUPPLY FAN			HEATING CAPACITY (INPUT) MBTUH	HEATING CAPACITY (OUTPUT) MBTUH	O.A. C.F.M.	MAX. UNIT F.L.A.	MFGR.	MODEL NO.	LOCATION	ACCESS.	CONTROL DEVICES	NOTES
	C.F.M.	EXTERNAL S.P.	MOTOR										
AH1	12000	2.0	15 HP/ 1120 RPM	800	616	NONE	50	ITT REZNOR	RPAK-2	ROOF TOP/TRANS. STA.	ROOF CURB	T16	
AH2	12000	2.0	15 HP/ 1120 RPM	800	616	NONE	50	ITT REZNOR	RPAK-2	ROOF TOP/TRANS. STA.	ROOF CURB	T16	
AH3	12000	2.0	15 HP/ 1120 RPM	800	616	NONE	50	ITT REZNOR	RPAK-2	ROOF TOP/TRANS. STA.	ROOF CURB	T17	
AH4	12000	2.0	15 HP/ 1120 RPM	800	616	NONE	50	ITT REZNOR	RPAK-2	ROOF TOP/TRANS. STA.	ROOF CURB	T18	
AH5	500	FA	7/80 HP/ 2100 RPM	30	24.9	NONE	2.0	ITT REZNOR	EEXL-30	SUSPENDED FROM BOILER ROOM CEILING		T20	

ELECTRICAL HEATING FIXTURES

MARK	TYPE	MANUFACTURER	MODEL NO.	ACCESSORIES	VOLTS	WATTS	BTUH OUTPUT	LENGTH	CONTROL
WMH3	WALL MOUNTED	SINGER	8750	CAT.# 8754	120	750	4269	13 1/4"	T19
WMH4	WALL MOUNTED	SINGER	8750	CAT.# 8754	120	750	4269	13 1/4"	T23



PROJECT NO. 86-010-04  
 DESIGNED : RJH  
 DRAWN : KLA  
 CHECKED :  
 DATE : JAN. 20, 1987  
 SCALE : NO SCALE

NO.	REVISION	DATE BY



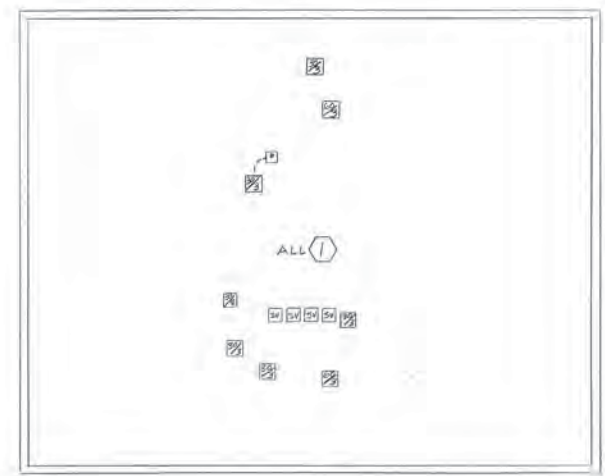
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 H & V SCHEDULES

LEGEND (THIS SHEET ONLY)

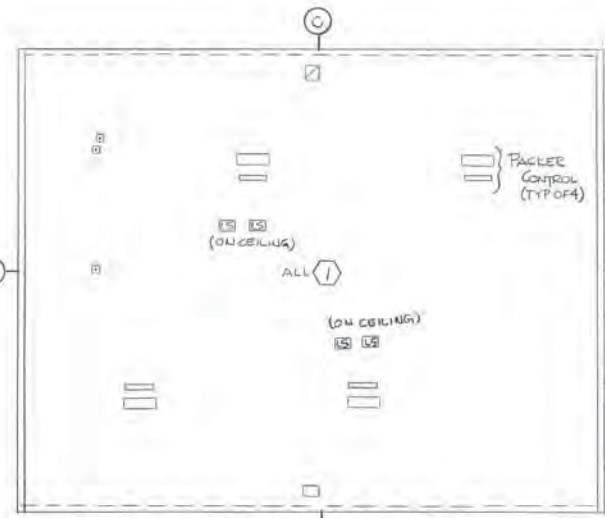
- ☒ - DISCONNECT SWITCH
- ◻ - PUSH BUTTON
- ⊗ - MOTOR, X HP RATED
- MAU - MAKE-UP AIR UNIT
- EF - EXHAUST FAN
- ⊙ - WELDER RECEPTACLE
- ⊥ - MOTOR STARTER
- SV - SOLENOID VALVE
- LS - LIMIT SWITCH
- D - 250W HP, 480V WALL PACK
- C - 400W HP, 480V WALL PACK
- ▨ - 480/277V PANELBOARD
- St - MANUAL MOTOR STARTER
- ⊞ - SWITCH
- ▩ - 208Y120V PANELBOARD

NOTES

- ① ITEM TO BE SALVAGED FOR STORAGE PER SPECIFICATION.
- ② ITEM TO BE SALVAGED FOR RE-USE.
- ③ SALVAGE FOR STORAGE PER SPECIFICATIONS THE 480:120/240 VAC, 25KVA, NEUA 3R TRANSFORMER LOCATED 2' 5" EAST OF SCALE HOUSE.



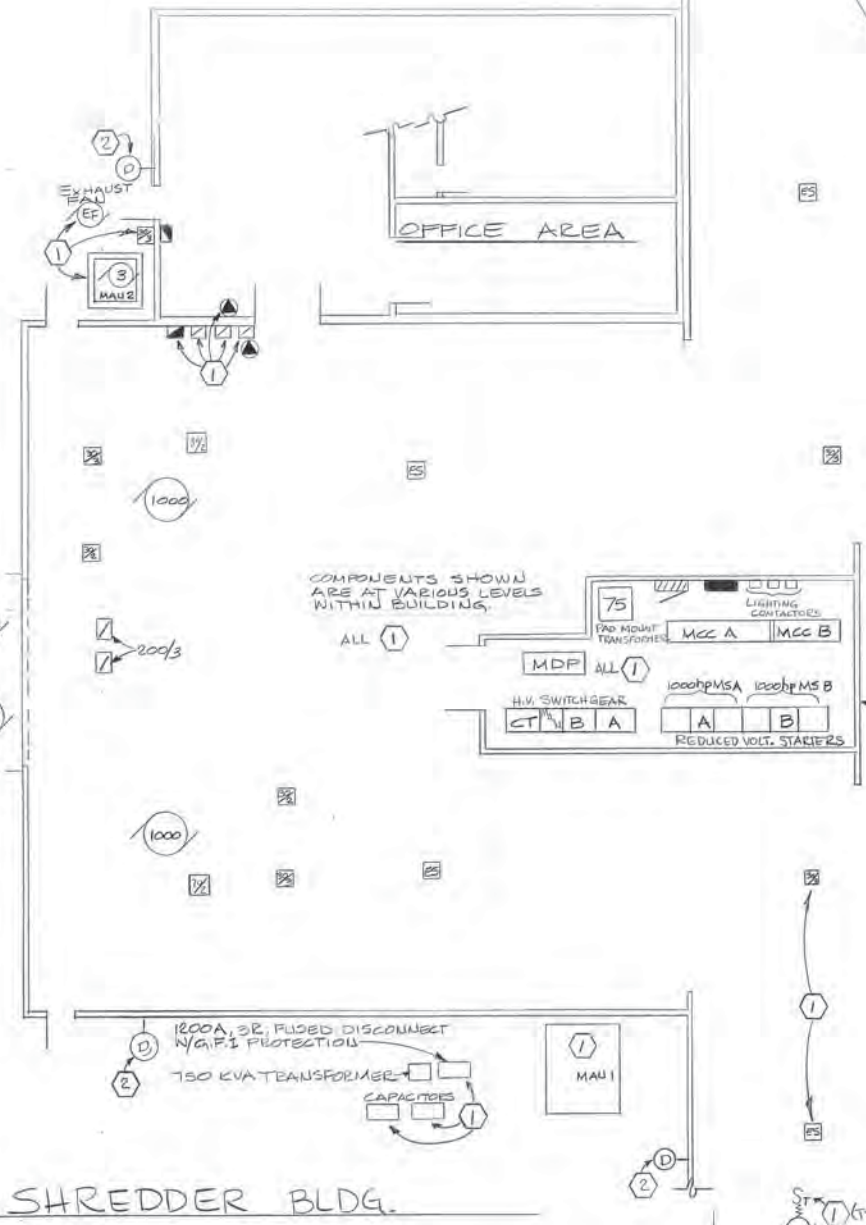
UPPER LEVEL



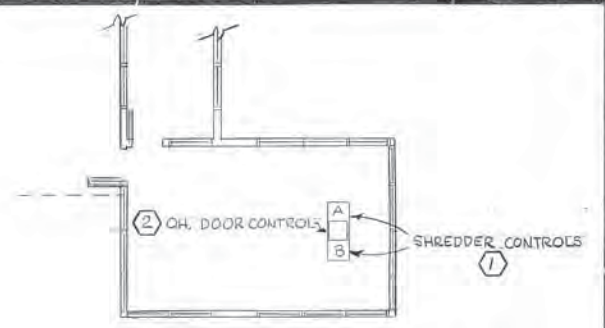
GROUND LEVEL

COMPACTOR BLDG.

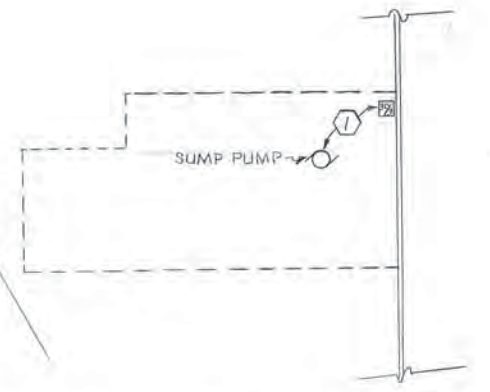
NOTE: SEE C-3 FOR ADDITIONAL SALVAGE ITEMS.



SHREDDER BLDG.



CONTROL ROOM (ABOVE ELEC. RM.)



BASEMENT (BELOW ELEC. RM.)

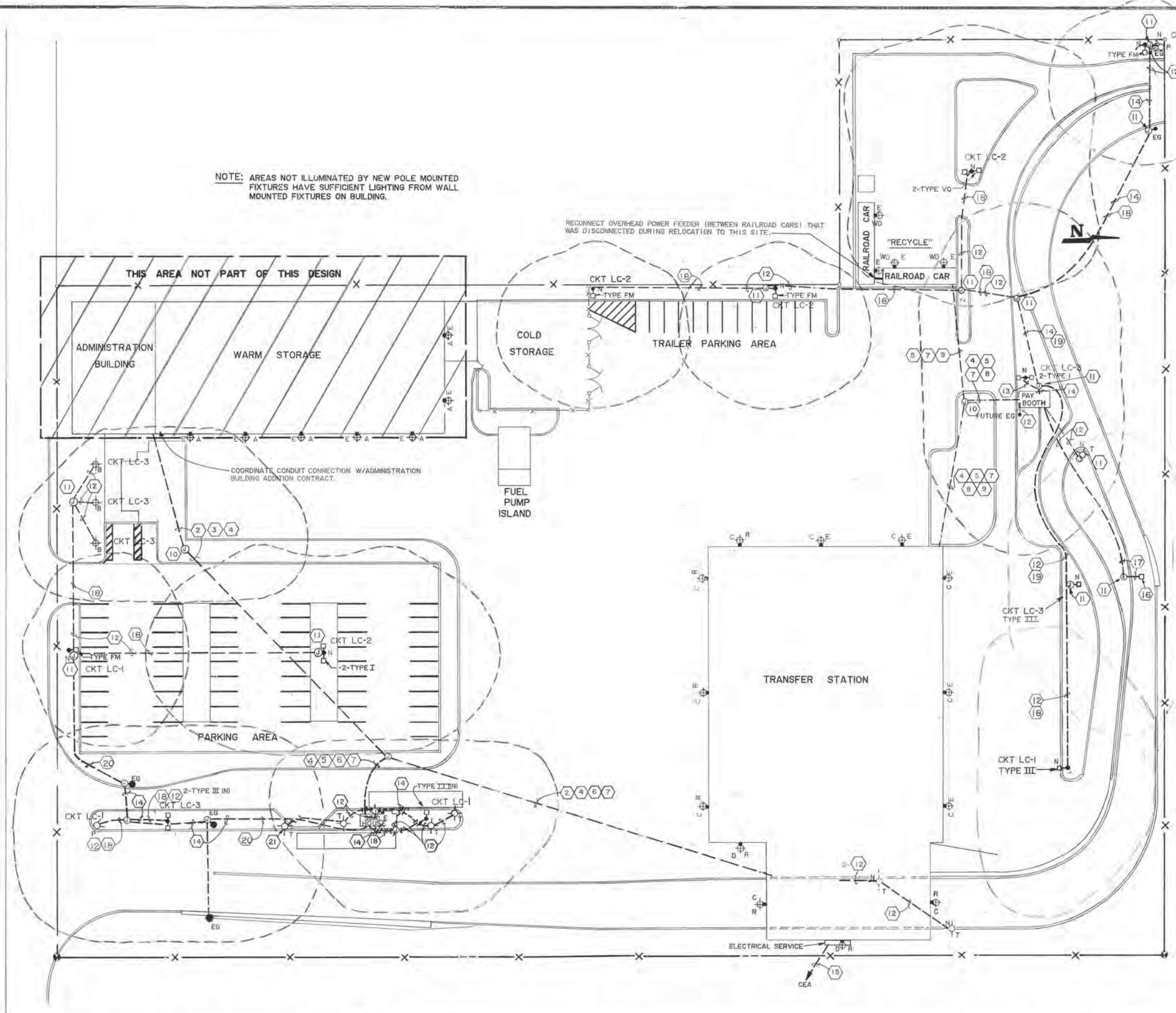
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-010-04  
 DESIGNED: TOM LONGSTAFF  
 DRAWN: CAUDY O  
 CHECKED: TOM LONGSTAFF  
 DATE: JAN. 20, 1987  
 SCALE:

NO.	REVISION	DATE BY



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 DEMOLITION PLAN



- LEGEND**
- FLOOD LIGHTING FOR SIGN, 42' HIGH: SEE DETAIL.
  - TRAFFIC CONTROL LIGHT
  - 400 WATT, HIGH PRESSURE SODIUM BOX SHAPED POLE, TYPE OF LIGHTING PATTERN IS INDICATED.
  - BOUNDARY OF USEFUL ILLUMINATION FROM POLE
  - WALL PACK AREA LIGHTING FIXTURE
  - 100 WATT HPS BOLLARD FIXTURE, 42' HIGH, SQUARE CIRCUIT
  - CIRCUIT
  - NEW
  - EXISTING
  - LIGHTING CONTACTOR
  - RELOCATED FROM DEMOLITION AREA
  - HIGH PRESSURE SODIUM
  - WATT
  - ELECTRIC GATE
  - VOLTS ALTERNATING CURRENT

- LIGHTING FIXTURE DESCRIPTION**
- A 150 W, HPS, 120 V - ACME DUNBAR 404150SR
  - B 100 W, HPS, 120 VAC - GARDCO BS70042100HPS120I
  - C 400 W, HPS, 480 VAC - G.E. 699N854
  - D 250 W, HPS, 480 VAC - G.E. 699N704
  - FM 400 W, HPS, 120 VAC - GARDCO EHXFM20400HPSBRA
  - I 400 W, HPS, 120 VAC - GARDCO EHXI20400HPSBRA
  - III 400 W, HPS, 120 VAC - GARDCO EHXIII20400HPSBRA
  - VO 400 W, HPS, 120 VAC - GARDCO EHXVO20400HPSBRA
  - WD 150 W, HPS, 120 VAC-HI-TEK 150 TWPI50S20SF

- ALL POLE MOUNT FIXTURES SHALL BE BRONZE ANOD MOUNTED ON BRONZE ANODIZED 30' HIGH, STRAIGHT POLE RATED FOR 100 MPH WIND WITH A 1.5 SAFETY I FOUNDATION ON DETAIL SHEET.
- 2 - 2" TELEPHONE CONDUIT
  - 3 - 2 - 1" COMPUTER DATA CONDUIT
  - 4 - 1 - 1" FIRE ALARM CONDUIT
  - 5 - 1 - 1" TELEPHONE CONDUIT
  - 6 - 1 - 1" POWER FEEDER CONDUIT TO SCALE HOUSE
  - 7 - 1 - 1" COMPUTER DATA CONDUIT
  - 8 - 1 - 2" POWER FEEDER CONDUIT TO PAY BOOTH
  - 9 - 1 - 2" POWER FEEDER CONDUIT TO RECYCLE
  - 10 - 2 - TYPE IA JUNCTION BOXES (POWER & COMMUNICAT)
  - 11 - 1 - TYPE IA JUNCTION BOX (LIGHTING/TRAFFIC)
  - 12 - 1 - 1" POWER/SIGNAL CONDUIT
  - 13 - 1 - 3/4" POWER/SIGNAL CONDUIT
  - 14 - 1 - 2" POWER/SIGNAL CONDUIT
  - 15 - CONDUIT AS REQUIRED BY C. E. A.
  - 16 - PVC LOOP w/CONDUCTORS (INSTALL 5' OF No. 14, 1 OF PUBLIC LOOP DETE ENCASED LI
  - 17 - 1" MC OR GRC
  - 18 - 3 - NO.6 11 HOT, IN, 1 GND) FOR LIGHTING
  - 19 - 4 - NO.6 12 HOT, IN, 1 GND) FOR LIGHTING
  - 20 - 5 - NO.6 13 HOT, IN, 1 GND) FOR LIGHTING
  - 21 - SCALE HOUSE TRAFFIC LIGHT FIXTURES SUPPLIED

**PROJECT NO.** 96-010-04 MOA  
**DESIGNED** : Tom Longstaff  
**DRAWN** : Candy O., KLA, WAP  
**CHECKED** : Tom Longstaff  
**DATE** : JAN. 20, 1997  
**SCALE** : 1" = 30.0'

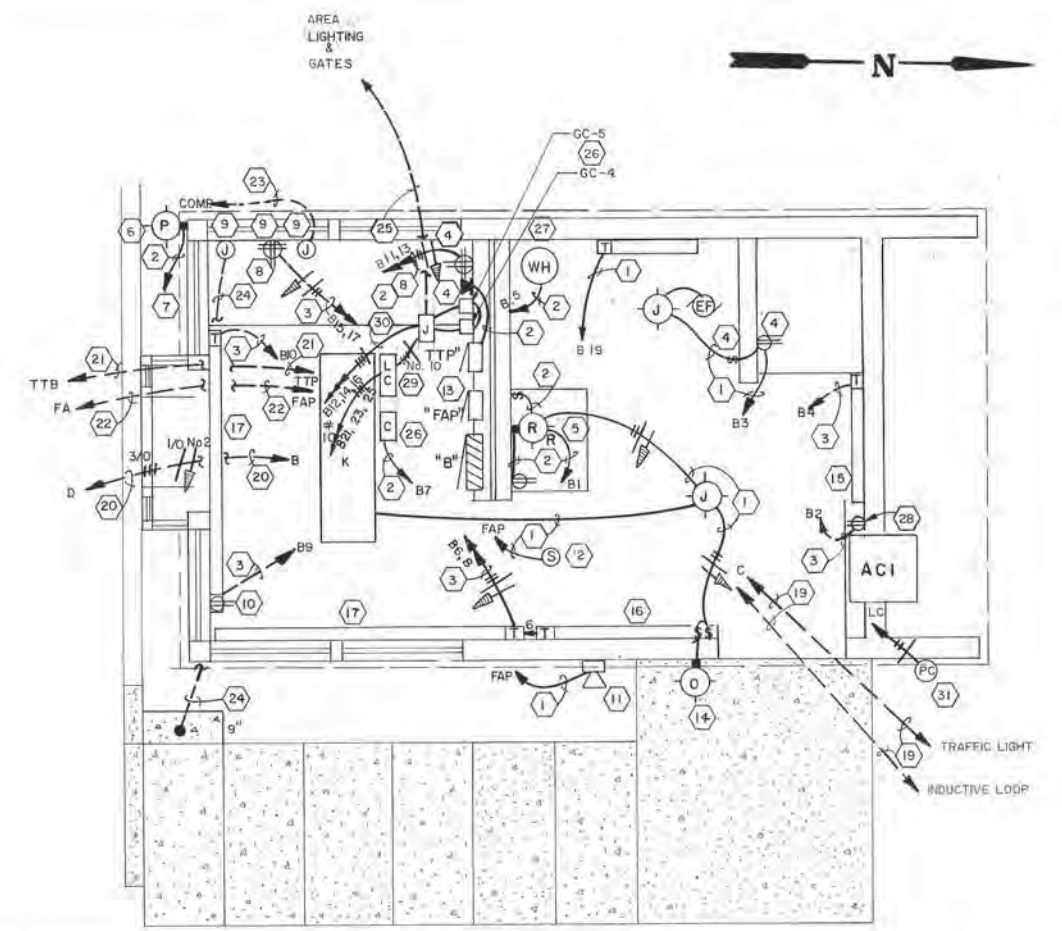
NO.	REVISION	DATE	BY

SCALE HOUSE CONDUITS 3DEC86 WMcc



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**EXTERIOR LIGHTING & CONDUIT PLAN**





FOR CONDUIT ROUTING  
AND FINAL DESTINATIONS  
SEE SHEET No. E-2

NOTES

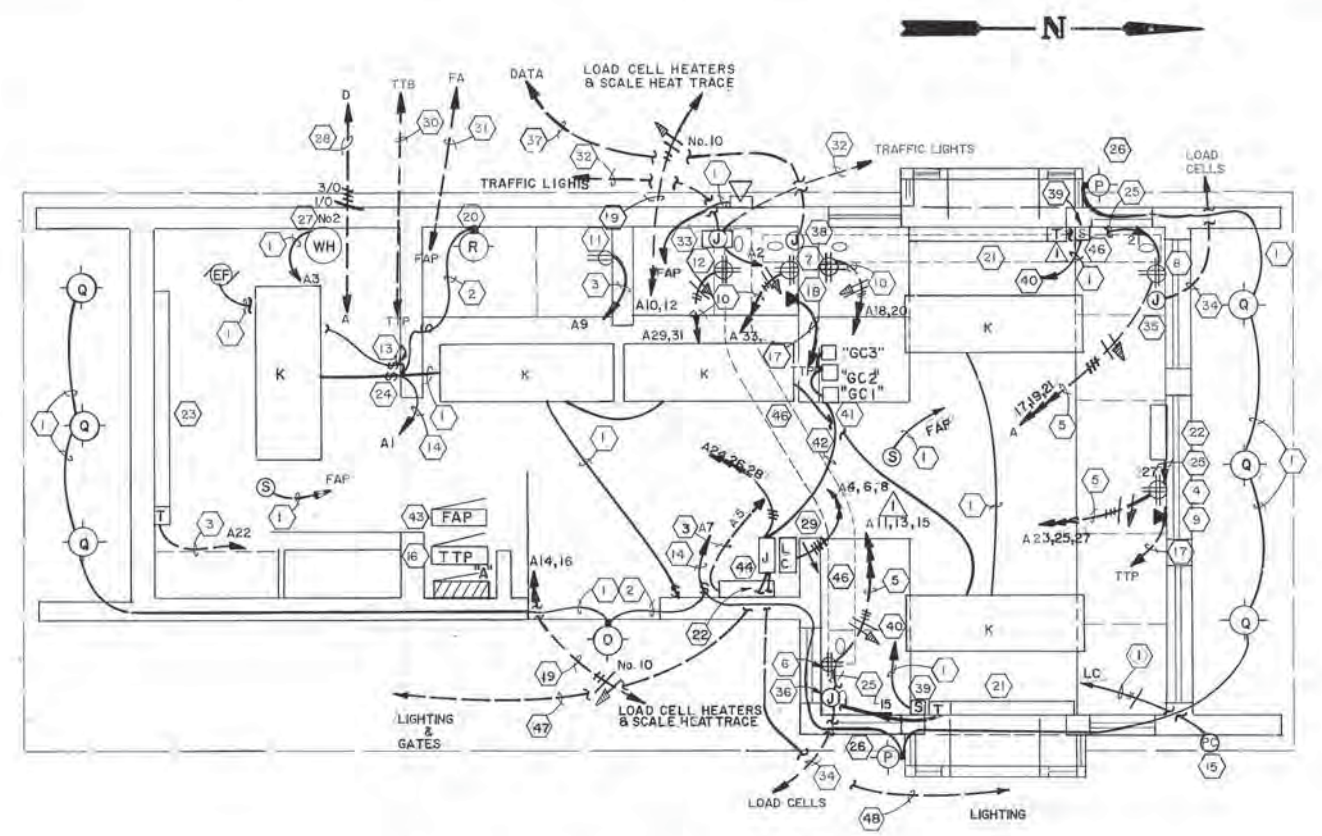
1. 1/2" above ceiling.
2. 1/2" in wall.
3. 1/2" under floor joists.
4. In wall + 48" above finished floor.
5. Center over mirror.
6. Mount + 36" above grade. Light will be used to illuminate license plate of oncoming vehicle - position so as to minimize potential for glare.
7. To switched leg of outside lighting circuit.
8. Each duplex receptacle to be fed by single dedicated circuit.
9. On wall + 18" above finished floor.
10. Duplex receptacle part of baseboard cover.
11. Fire Alarm horn, mount + 96" above grade, connect to terminal strip in FAP.
12. Smoke detector, connect to terminal strip in FAP.
13. Fire Alarm panel served from Main Fire Alarm panel. See 22. Provide Smoke detector zone and Alarm horn circuit at terminal strips.
14. Mount + 96" above grade.
15. Electric baseboard 500W, internal thermostat + 4" AFF.
16. Electric baseboard 1000W, internal thermostat + 4" AFF.
17. Electric baseboard 1500W, internal thermostat + 4" AFF.
18. 1" under slab from panelboard "B" to area lighting.
19. 1" under slab from panel "C" to flashing traffic light and motion detectors.
20. 2" under slab from D in Transfer Building to panelboard "B".
21. 1" under slab from TTP to telephone terminal board in transfer station.
22. 1" under slab from FAP to Admin. Building Fire Alarm Panel via Transfer Station.

PAY BOOTH PLAN

23. 1" below slab from computer j-box to Admin. Building via Transfer Building.
24. 1" below slab from junction box to stub-up through 9" x 18" slab. Cap off stubbed end for future gate installation.
25. 2" 8-#14 (Gate Controls), 3-#10 (Gate Power) and 5-#6 (3 Hot, N, Gnd for lighting). See site plan for conduit routing and lighting contactor pole assignments.
26. Traffic light control panel "C", NEMA 12, 20"x16"x10" deep, located above "FAP."
27. Water Heater. See Mechanical.
28. Locate 6" below air-conditioner unit.
29. Lighting contactor, 3 pole, 30A, 120V. Located above gate controls.
30. Junction box on wall, 12"x12"x6", below lighting contactor.
31. Mount on face of eye + 10' above grade.

PANELBOARD - B

PANELBOARD B		RUSH MOUNTED		30,000 AMP NEMA 1-1-C, 15K	
125 AMP MAIN CIRCUIT BREAKER 208/120 VOLTS, 3 PHASE, 5 WIRE 125 AMP MAINS		LOAD		LOAD	
NO.	AMP	LOAD	NO.	AMP	LOAD
1	20	LIGHTS	2	20	APR. RECP.
3	20	RESTROOM LTR & FAX	8	15	R. WALL HEATER
5	15	WATER HEATER	10	20	R. WALL HEATER
7	20	TRAFFIC LIGHTS	15	20	R. WALL HEATER
9	20	3 WALL SW RECP.	18	20	R. WALL HEATER
11	20	CLOCK COUNTER RECP.	19	15	GATE
13	20	CLOCK COUNTER RECP.	20	15	CONDUIT
15	20	UNDERCOUNTER RECP.	21	15	CONDUIT
17	20	UNDERCOUNTER RECP.	22	15	CONDUIT
19	15	RESTROOM HEAT	23	20	BLANK
21	20	AREA LTR LAC-1	24	20	BLANK
23	30	AREA LTR LAC-2 A CONT.	25	20	BLANK
25	20	AREA LTR LAC-3	26	20	BLANK
27	20	BLANK	27	20	BLANK
29	20	BLANK	28	20	BLANK
TOTAL 3,338.2		TOTAL 3,231.1		TOTAL 3,231.1	
TOTAL CONNECTED LOAD		17.9 KW		TOTAL 3,231.1	
		= 81.7 AMP/208V			



NOTES :

1. 1/2" above ceiling.
2. 1/2" under slab.
3. 1/2" in wall.
4. On north scale room wall 60" from east wall, 18" AFF.
5. 1/2" below slab, stub up to power panelboard and surface mounted 4" x 4" quadruplex receptacle box. Each half (duplex receptacle) of quadruplex wired to dedicated circuit. Third circuit feeds heater.
6. On south scale room wall 12" from east wall, 18" AFF.
7. One on each side of south scale room wall 12" from west wall, 18" AFF.
8. On north scale room wall 12" from west wall, 18" AFF.
9. On north scale room wall 54" from east wall, 18" AFF.
10. 3/4" below slab, stub up to power panelboard and flush mounted receptacles (duplex in 2" x 4" box and quadruplex in 4" x 4" box). Each duplex receptacle wired to a dedicated circuit.
11. In north sink area wall, 6" from west wall, 48" AFF.
12. In south computer area wall, 12" from west wall, 18" AFF.
13. Timer switch, 0-15 min., 120V, 15A, Nutone Type VS-63.
14. 1/2" above ceiling from power panelboard to lighting circuits.
15. Mount on face of eye, +10' above grade.
16. Locate TTP above panelboard.
17. 1" below slab, stub up to telephone terminal panel (TTP) and surface mounted 4" x 4" telephone outlet box.
18. Duplex telephone outlet on north computer area wall 18" AFF.
19. 1" from panelboard to scale pit junction box. See E-5.
20. Center over mirror.
21. Electric baseboard, 750W, with internal thermostat. Center under window.
22. Electric wall unit heater, 1500W, with internal thermostat. Center in available space.

SCALE HOUSE PLAN

23. Electric baseboard, 1250W, with internal thermostat. Center on wall.
24. Mount in wall 48" AFF.
25. 1/2" above ceiling in cabinet kickspace.
26. Mount fixture + 3' above grade. Adjust so as to illuminate only the lower 3' of approaching vehicles.
27. Water heater. See mechanical.
28. 2" below slab from "D" in Transfer Building to "A".
29. Lighting contactor, 3 pole, 30A, 120V. Exterior Lights.
30. 1" below slab from TTP to Admin. Building Telephone Terminal Board.
31. 1" from 4" x 4" below slab from FAP to Admin. Building Fire Alarm Panel.
32. 1" from 4" x 4" junction box to traffic signal lights.
33. In south computer area wall, 6" from west wall + 48" AFF.
34. 2" from load cell 10"x10"x4" junction box to load cells, contains eight cords, one for each load cell.
35. On north scale room wall, 18" from west wall, 18" AFF.
36. On south scale room wall, 6" from east wall, 18" AFF.
37. 1" below slab from computer box to Administration Building. (Data Communication)
38. In north computer area wall, 6" from west wall, + 48" AFF.
39. Traffic light control switch, "1-2-3-Auto", mount on post + 60" AFF.
40. 1/2" to traffic light control panel junction box (item 33).
41. Gate control units GC1 & GC3 (mounted +72" AFF).
42. 1" w/8-#14, from gate control units GC-1 & GC3 to junction box 44 on wall for Electric Gates at south entry.
43. Locate Fire Alarm Panelboard above TTP 16.
44. Gate Control Junction Box in wall, 12"x12"x6", below 29.

PANELBOARD - A

PANELBOARD A		RUSH MOUNTED 10,000 AMP NEMA 1-1-C, 15K			
100 AMP BACKUP MAIN CIRCUIT BREAKER 208/120 VOLTS, 3 PHASE, 5 WIRE 225 AMP MAINS		LOAD			
NO.	AMP	LOAD	NO.	AMP	LOAD
1	20	INTERIOR LIGHTING	15	20	TRAFFIC LIGHTS
3	20	WATER HEATER	20	20	AREA LTR LAC-1
5	20	ENTRY HEATER	25	20	AREA LTR LAC-3
7	20	EXTERIOR LIGHTING	26	20	AREA LTR LAC-2 A CONT.
9	20	SINK AREA RECP.	27	20	EXIT SCALE FIX H.T.
11	20	EXIT OPER. RECP.	28	20	WALL HEATERS
13	20	EXIT OPER. RECP.	29	20	AREA LTR LAC-1
15	15	EXIT OPER. HEATER	30	20	WALL HEATERS
17	20	ENTRY OPER. RECP.	31	20	WALL HEATERS
19	20	ENTRY OPER. RECP.	32	20	WALL HEATERS
21	15	ENTRY OPER. HEATER	33	20	WALL HEATERS
23	20	R. WALL RECP.	34	20	WALL HEATERS
25	20	R. WALL RECP.	35	20	WALL HEATERS
27	20	R. WALL HEATER	36	20	WALL HEATERS
29	20	R. WALL HEATER	37	20	WALL HEATERS
31	20	R. WALL HEATER	38	20	WALL HEATERS
33	20	R. WALL HEATER	39	20	WALL HEATERS
35	20	R. WALL HEATER	40	20	WALL HEATERS
37	20	R. WALL HEATER	41	20	WALL HEATERS
39	20	R. WALL HEATER	42	20	WALL HEATERS
41	20	R. WALL HEATER	43	20	WALL HEATERS
43	20	R. WALL HEATER	44	20	WALL HEATERS
45	20	R. WALL HEATER	45	20	WALL HEATERS
TOTAL 3,541.2		TOTAL 3,541.2		TOTAL 3,541.2	
TOTAL CONNECTED LOAD		17.9 KW		TOTAL 3,541.2	
		= 81.7 AMP/208V			

**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

**PROJECT NO.** .86-010-D4 MOA  
**DESIGNED BY** Tom Longstaff  
**DRAWN BY** Conroy D. KLA.  
**CHECKED BY** Tom Longstaff  
**DATE** JAN. 20, 1997  
**SCALE** 1/2" = 1' - 0"

HOMERUNS, HVAC, NOTES 29DEC86 W/Mcc  
NO. REVISION DATE BY



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
PAY BOOTH & SCALE HOUSE  
ELECTRICAL DETAILS

E-3  
SHEET 63 OF 68

ND

- LIQUID TIGHT, FLEXIBLE METALLIC CONDUIT
- CONDUIT
- BURIED CONDUIT
- HOMERUN TO PANELBOARD L, POLES 9 & 11, SLASHES INDICATE WIRE COUNT, 2 HOT, 1 NEUTRAL AND 1 GROUND, NO SLASHES INDICATE 2-WIRE CIRCUIT. MINIMUM WIRE SIZE IS No. 12 CU (COPPER).

- PANELBOARD "X"
- DISCONNECT
- CONTROL PANEL
- FIRE ALARM PANEL
- PRINTER
- MOTOR WITH "X" = HP
- CONTROLLER
- HEAT TAPE, 3W/FT, 120V, ARCTIC TRACE BROWN

- EXHAUST FAN
- TELEPHONE TERMINAL PANEL
- TELEPHONE TERMINAL BOARD
- JUNCTION BOX
- SPECIAL PURPOSE OUTLET, AS DEFINED
- TELEPHONE OUTLET

- WALL MOUNTED HEATER No. "X"
- HEAT DETECTOR
- ALARM HORN
- DUPLEX RECEPTACLE, 125V, 20A
- QUADRUPLEX RECEPTACLE, 125V, 20A
- AIR HANDLER No. "X"

- LIGHTING CONTACTOR
- SINGLE POLE SWITCH, 120/277V, 20A
- THREE-WAY SWITCH, 120/277V, 20A
- EXISTING UNIT, REMOVED DURING DEMOLITION, REINSTALLED AS SHOWN
- EXISTING UNIT, TO REMAIN, RECONNECT AND RELOCATE AS SHOWN
- NEW
  - A AQUASTAT
  - FS FLOW SWITCH
  - TS TAMPER SWITCH
- WATER HEATER
- MANUAL MOTOR STARTER
- PHOTO CELL
- REVERSING STARTER FOR OH DOOR
- DOOR CONTROL PANEL
- TIMER SWITCH, 15A, 120V, 0-15 MIN.
- SPACE HEATER
- ALARM PANEL

PANELBOARD B SURFACE MOUNTED 18,000 ASTM-A.I.C. MIN. 400 AMP MAIN LOGS 480/277 VOLTS 3 PHASE, 3 WIRE 600 AMP MAINS

POLE TRIP NO.	LOAD	POLE TRIP NO.	LOAD
A	B	C	D
1	15 AH	2	225 PANELBOARD L A B 32.3
3	35	4	225 VVA 42.3
5	35	6	225 150KVA TRANSFORMER 42.3
7	35 ASD	8	
9	35	10	
11	35	12	
13	35	14	
15	35	16	
17	35	18	
19	35	20	
21	35	22	
23	35	24	
25	35	26	215 DOOR OPERATOR D01 0.3
27	35	28	
29	35	30	215 DOOR OPERATOR D02 0.3
31	35	32	
33	35	34	215 DOOR OPERATOR D03 0.3
35	35	36	
37	35	38	215 DOOR OPERATOR D04 0.3
39	35	40	
41	35	42	
43	35	44	
45	35	46	
47	35	48	
49	35	50	
51	35	52	

TOTAL 18.0 18.0 18.0 18.0 TOTAL 43.2 43.2 43.2 43.2  
 TOTAL CONNECTED LOAD 186.0 KVA  
 ESTIMATED LOAD DEMAND 224 AMP @ 80%

PANELBOARD I SURFACE MOUNTED 18,000 ASTM-A.I.C. MIN. 400 AMP MAIN LOGS 480/277 VOLTS 3 PHASE, 3 WIRE 600 AMP MAINS

POLE TRIP NO.	LOAD	POLE TRIP NO.	LOAD
A	B	C	D
1	20 HALL LIGHTS	2	20 HALL LIGHTS
3	20 HALL LIGHTS	4	200 CHERRY PICKER 10.0
5	20 HALL LIGHTS	6	200 CHERRY PICKER 10.0
7	20 CHUTE LIGHTS (N)	8	200 CHERRY PICKER 10.0
9	20 CHUTE AREA LIGHTS	10	200 CHERRY PICKER 10.0
11	20 CHUTE LIGHTS (S)	12	200 CHERRY PICKER 10.0
13	20 HITE LIGHTS	14	
15	15 L01	16	
17	15	18	
19	15 L02	20	
21	15	22	
23	15 P1	24	
25	15	26	
27	15	28	
29	25 P2	30	
31	25	32	
33	25	34	
35	25 P3	36	
37	25	38	
39	25	40	
41	25	42	

TOTAL 16.2 16.0 17.7 17.7 TOTAL 36.0 36.0 36.0 36.0  
 TOTAL CONNECTED LOAD 161.4 KVA  
 ESTIMATED LOAD DEMAND 196.5A @ 80%

PANELBOARDS - H,I,D&L

PANELBOARD D1 SURFACE MOUNTED 18,000 ASTM-A.I.C. MIN. 400 AMP MAIN CIRCUIT BREAKER 200120 VOLTS 3 PHASE, 3 WIRE 400 AMP MAINS

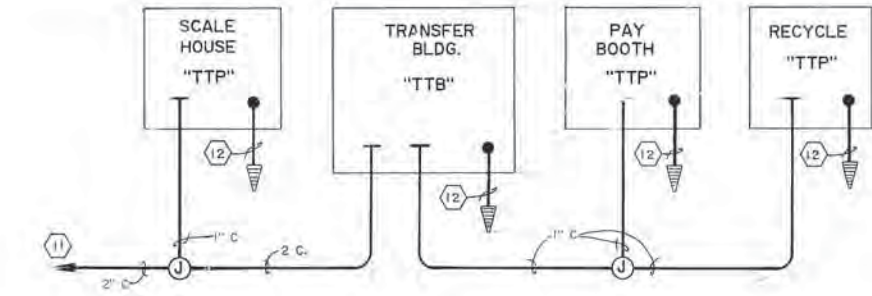
POLE TRIP NO.	LOAD	POLE TRIP NO.	LOAD
A	B	C	D
1	150 RECYCLE BLDG	2	115 BOILER 1
3	150	4	115
5	150	6	115
7	150 SCALE HOUSE	8	115 BOILER 2
9	150	10	115
11	150 PAY BOOTH	12	115
13	150	14	115 SLAB HEAT SWITCH
15	150	16	115 ALARM PANEL
17	150	18	115 AIR COMP.
19	15 WATER & SEWER H.T.	20	115
21	15 FIRE ALARM PANEL	22	115
23	20 DRAIN HEAT TAPE	24	BLANK
25	20 DRAIN HEAT TAPE	26	BLANK
27	15 GLASS TRACE DESK	28	BLANK
29	15 BOILER ROOM EF	30	BLANK
31	15 2000 TAMP HT TAPES	32	BLANK
33	BLANK	34	BLANK
35	BLANK	36	BLANK
37	BLANK	38	BLANK
39	BLANK	40	BLANK
41	BLANK	42	BLANK

TOTAL 26.6 24.8 25.8 25.8 TOTAL 2.3 2.3 2.3 2.3  
 TOTAL CONNECTED LOAD 84 KVA  
 = 233 AMP @ 200%

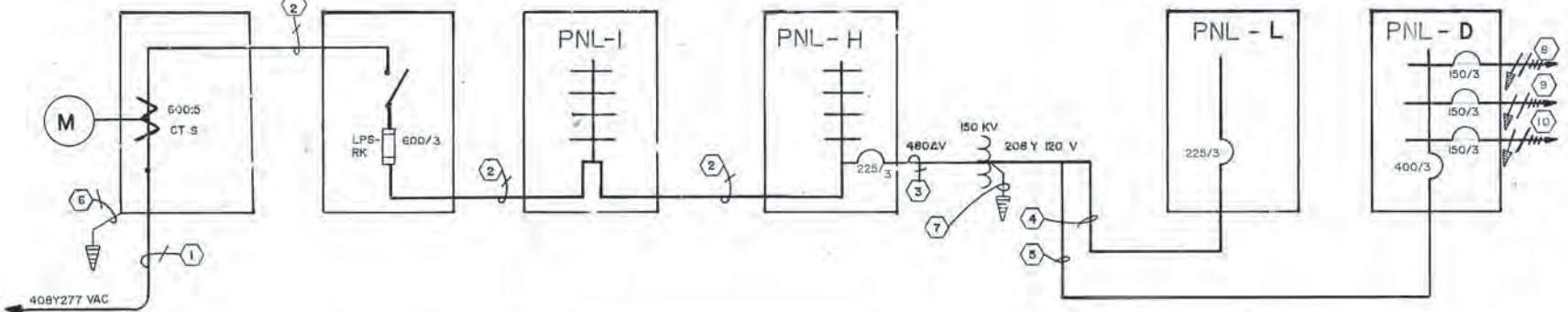
PANELBOARD I SURFACE MOUNTED 18,000 ASTM-A.I.C. MIN. 400 AMP MAIN CIRCUIT BREAKER 200120 VOLTS 3 PHASE, 3 WIRE 225 AMP MAINS

POLE TRIP NO.	LOAD	POLE TRIP NO.	LOAD
A	B	C	D
1	20 DOOR OPERATOR 3	2	20 HIGH ROOM RH
3	20 DOOR OPERATOR 5	4	20 PRINTER 1 RECP
5	20 DOOR OPERATOR 6	6	20 PRINTER 2 RECP
7	20 DOOR OPERATOR 7	8	20 RECY
9	20 DOOR OPERATOR 8	10	200 HOLD RECP
11	20 DOOR OPERATOR 9	12	12 50
13	20 DOOR OPERATOR 10	14	20 RECP
15	20 DOOR OPERATOR 11	16	20 00 DOOR CONTROL
17	20 DOOR OPERATOR 12	18	20 WELD RECP
19	20 DOOR OPERATOR 13	20	20 50
21	20 DOOR OPERATOR 14	22	20 RECY/PRINT ROOM LTR
23	20 DOOR OPERATOR 15	24	20 PRINT ROOM RECP
25	20 QUAD RECEPT	26	20 PRINT ROOM RECP
27	20 QUAD RECEPT	28	20 FAX LIFT STATION
29	20 QUAD RECEPT	30	20 A HEAT TAPE
31	20 QUAD RECEPT	32	20
33	20 PUMP LAUNDER	34	20 PRINT ROOM HEATER
35	20 HALL LIGHTS	36	20 HEST ROOM HEATER
37	15 GLASS TRACE	38	15 HEST ROOM WATER HEAT
39	BLANK	40	20 HEST ROOM WATER HEAT
41	BLANK	42	20 FAX

TOTAL 5.8 6.3 6.3 6.3 TOTAL 6.5 6.5 6.5 6.5  
 TOTAL CONNECTED LOAD 41.5 KVA  
 = 121.6 AMP @ 200%



TELEPHONE ONE LINE



POWER ONE LINE  
 TOTAL LOAD = 350 KVA = 421 AMP @ 480 Y 277 VAC

FIXTURE SCHEDULE

SYMBOL	LAMP/TYPE	DESCRIPTION	MFGR	
	400 W, HPS, 480 V	WALL MOUNT, AREA	G. E.	THESE ARE EITHER TO BE RE IN DESIGN.
	250 W, HPS, 480 V	WALL MOUNT, AREA	G. E.	
	400 W, HPS HIGH BAY	POWER HOOK W/RECEPTACLE, 5 AMP FUSE	G.E. C776H465	MOUNT + 25' A
	400 W, METAL HALLIDE	YOKO MOUNT FLOODLIGHT W/SIDE VISSR, 277 V	LITHONIA TF400M-RA2	AIM AT BQTT
	3-60 W, 4 I 9	SQUARE CEILING MOUNT DRUM, DAMP LOCATION W/LEXAN DIFFUSER	PRESCOLITE 7212	
	4-F40, 120 V	SURFACE MOUNT WRAPAROUND FLUORESCENT FIXTURE W/ 0°F BALLAST	LITHONIA SC 440A-120	
	70 W, HPS, 120 V	WALL MOUNT, WET LOCATION W/WIRE GUARD	LITHONIA TD 70SNGLA 120-W6	CENTER OVER
	300 W, QUARTZ, 120 V	FLOODLIGHT, WET LOCATION	LITHONIA TQ 500 120	USE 300 W B AT JUNCTION
	100 W INCAN, 120 V (A19)	SOFFIT MOUNT WALL WASHER	LITHONIA DW6A AR	AIM AT WALL
	75 W, A I 9	LEXAN HEMISPHERE, DAMP LOCATION, WALL MOUNT	LIGHTOLIER 6620	MOUNT + 78' A INDICATED
	2-F 110, 120 V	SURFACE MOUNT, GENERAL PURPOSE INDUSTRIAL FLUORESCENT FIXTURE W/WIRE GUARD & 0°F BALLAST	LITHONIA EJA 296 H0	
	6 W, 6 V DC	EMERGENCY LIGHT, 120 / 277 VAC	DUAL LITE DL-2	

NOTES :

1. SIZE CONDUITS AND FEEDER REQUIREMENTS.
2. 2-3" C. W/3-350 MCM, 1- GROUND.
3. 2" C. W/3-3/0.
4. 2" C. W/3-3/0, 1-1/0 GROUND.
5. 3-1/2" C. W/3-500 MCM, 1-1/0 GROUND.
6. GROUND SERVICE TO SLAB WATER MAIN W/3/0 COPPER.
7. GROUND TRANSFORMER TO SLAB WATER MAIN W/3/0 COPPER.
8. TO SCALE HOUSE PANEL "A", 4/0, 1-1/0 & 1-1/0 GROUND FOR PANELBOARD SCHEDULE.
9. TO PAY BOOTH PANEL "B", 4/0, 1-1/0 & 1-1/0 GROUND FOR PANELBOARD SCHEDULE.
10. TO RECYCLE RAILROAD CAR, 4/0, 1-1/0 & 1-1/0 GROUND NEW 3P125 AMP MAIN OUTSIDE OF RECYCLE RAILROAD.
11. TO ADMINISTRATION BUILDING PANEL.
12. GROUND W/NO. 6 COPPER 5/8"X8' ROD OR OTHER A GROUND.

**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

PROJECT NO. 86-D10-04 MOA  
 DESIGNED : Tom Longstaff  
 DRAWN : Candy O., KLA  
 CHECKED : Tom Longstaff  
 DATE : JAN. 20, 1987  
 SCALE : None

NO.	REVISION	DATE	BY
	UPDATED PANEL SCH & LEGEND 3/16/88		WMC

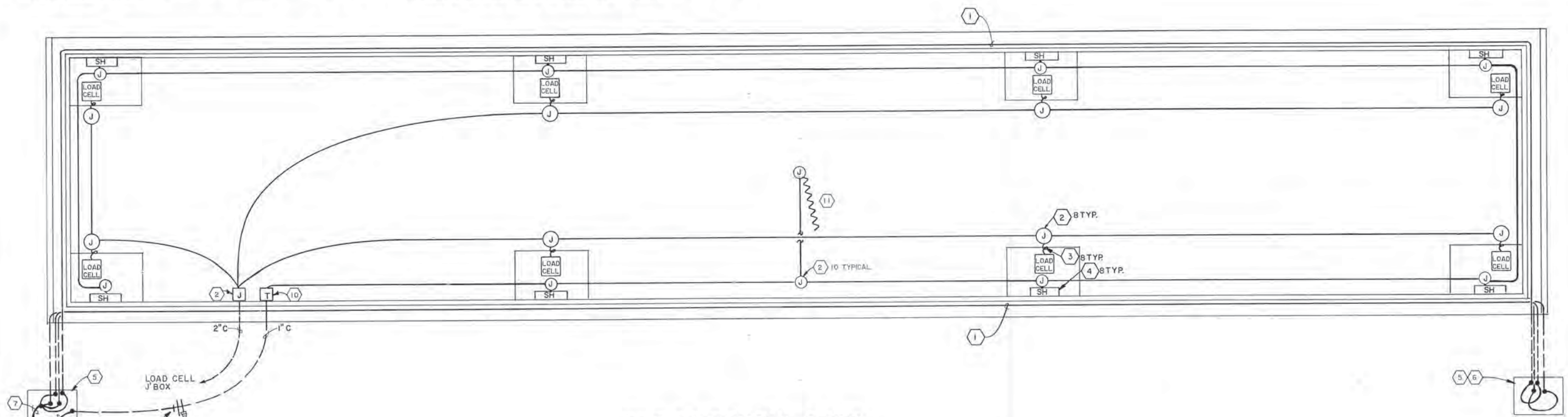
MUNICIPALITY OF ANCHORAGE  
 SOLID WASTE SERVICES

STATE OF ALASKA  
 19TH  
 Thomas W. Longstaff  
 No. 4293-EE  
 REGISTERED PROFESSIONAL ENGINEER

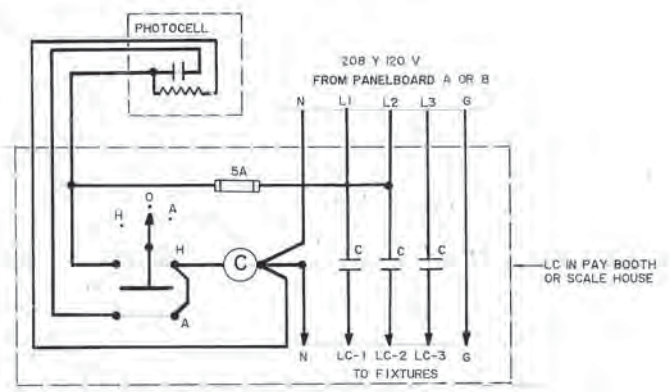
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
 LEGEND, SCHEDULES, POWER ONE-LINE

**NOTES :**

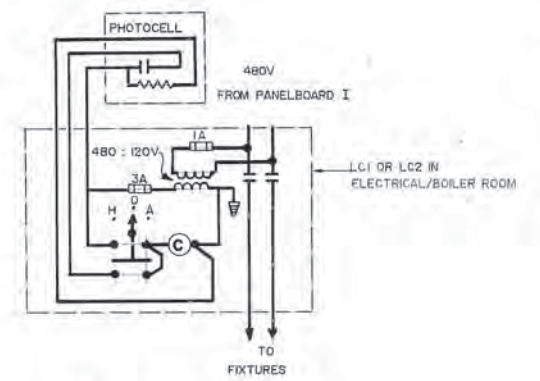
1. 2-1" ODC W/5 WATT PER FOOT HEAT. SEE SHEET S-3, SECTION E & DETAIL D FOR ROUTING.
2. NEMA 4 CAST BOX, SIZED FOR CONDUITS AND CONDUCTORS. SIZE CONDUITS TO CONDUCTORS.
3. LOAD CELL CORD THROUGH COB TO JUNCTION BOX.
4. WALL MOUNTED STRIP HEATER, (SH), 250 WATT, 120 VAC 15" X 7" X 4" DEEP. CHROMALOX TYPE EH-1221. MOUNT 1/2" FROM WALL AND MOUNT 1" ABOVE PIER.
5. TYPE I-A JUNCTION BOX IN DIRT OR WALKING AREA. SEE NOTE 12.
6. SECOND JUNCTION BOX REQUIRED TO FISH HEAT TAPE THROUGH LESS THAN 4-90 DEGREE CONDUIT BENDS.
7. HEAT TAPE CIRCUIT, PULL GROUND TO ALL COMPONENTS.
8. LOAD CELL HEATER CIRCUITS AND DRAIN HEAT TAPE.
9. CIRCUITS FOR EXIT SCALE PIT SHOWN. FOR ENTRANCE SCALE PIT USE A 14, 16.
10. THERMOSTAT 0-100 DEG. F. SET AT 30 DEG. F., NEMA 4 RATED, 30A CONTACT. CHROMALOX AR-1025LT.
11. 10' OF 3/4" TYPE "K" COPPER TUBING WITH 5 WATT PER FOOT HEAT TAPE IN PIT DRAIN.
12. THIS PLAN IS FOR THE OUTBOUND SCALE PIT. (NORTH IS TO RIGHT OF PLAN.) FOR INBOUND SCALE PIT, ROTATE PLAN 180 DEG. THIS WILL ALLOW THE I-A JUNCTION BOXES TO BE LOCATED ON SCALE HOUSE DIVIDER.



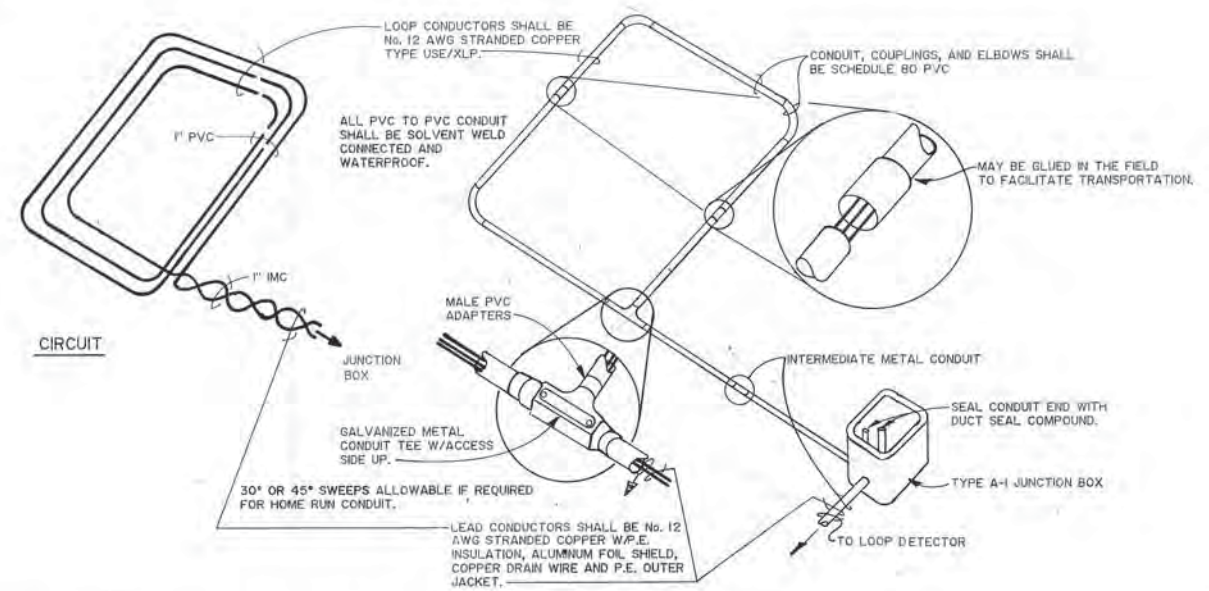
**SCALE PIT ELECTRICAL PLAN (12)**  
SCALE: 1/2" = 1' - 0"



**LC SCHEMATIC - PAY BOOTH & SCALE HOUSE**  
NOT TO SCALE



**LC1 & LC2 SCHEMATIC**  
NOT TO SCALE



**CONDUIT ENCASED INDUCTIVE LOOP DETAIL**  
NOT TO SCALE

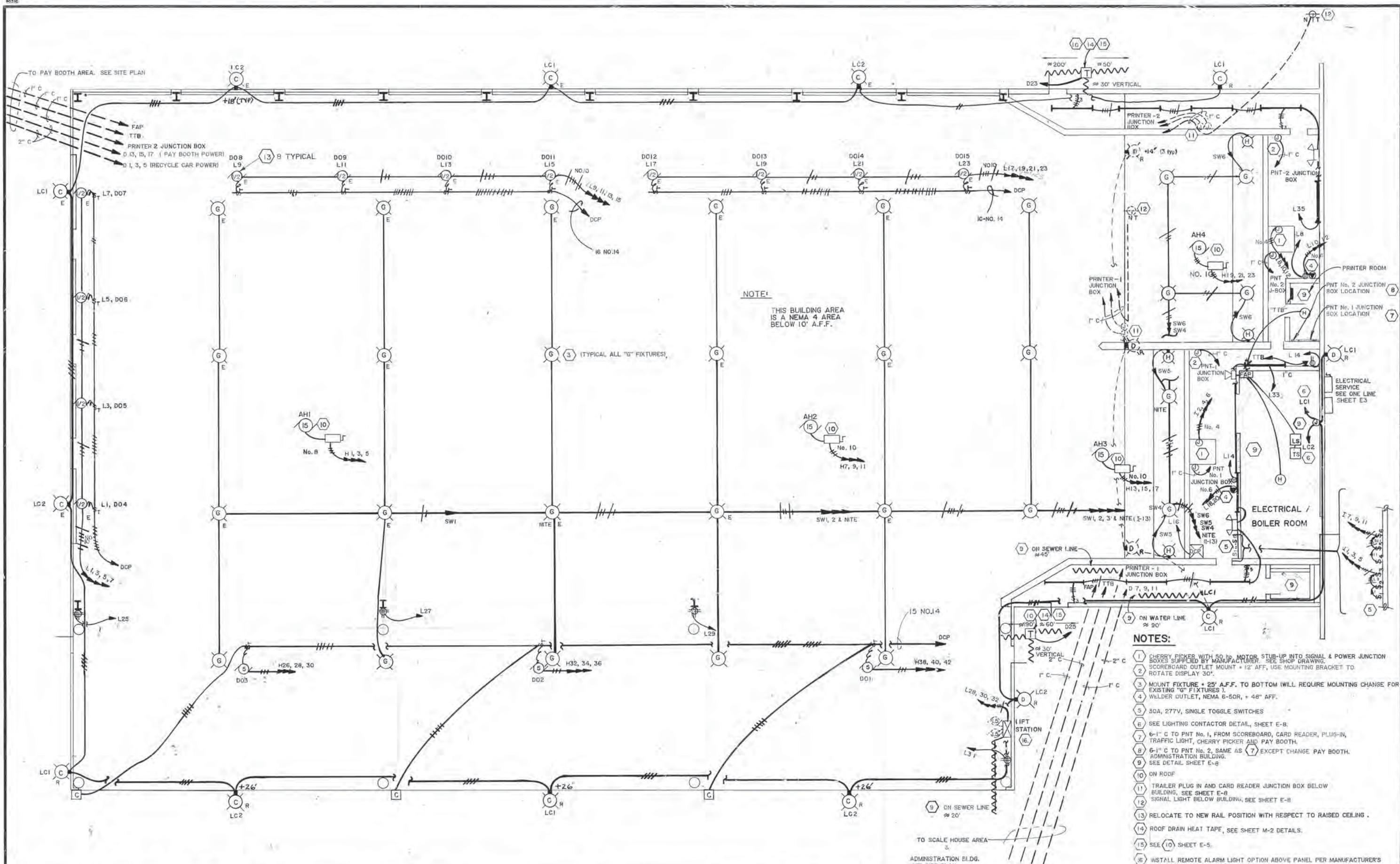
**ARCTIC ENGINEERS INC.** ANCHORAGE, ALASKA

**PROJECT NO.**  
**DESIGNED :** Tom Longstaff  
**DRAWN :** Candy O. & Other  
**CHECKED :** Tom Longstaff  
**DATE :** JAN. 20, 1987  
**SCALE :** As Shown

NO.	REVISION	DATE	BY
	ADDED LC DETAIL	3/10/88	WMA



SOLID WASTE TRANSFER FACILITIES  
Central Transfer Facility  
**SCALE PIT ELECTRICAL PLAN**  
AND INDUCTIVE LOOP DETAIL



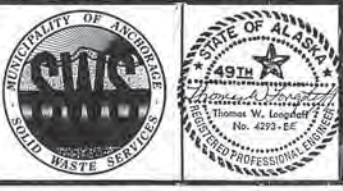
**NOTE:**  
THIS BUILDING AREA IS A NEMA 4 AREA BELOW 10' A.F.F.

- NOTES:**
- 1 CHERRY PICKER WITH 50 HP MOTOR STUB-UP INTO SIGNAL & POWER JUNCTION BOXES SUPPLIED BY MANUFACTURER. SEE SHOP DRAWING. SCOREBOARD OUTLET MOUNT + 12" AFF, USE MOUNTING BRACKET TO ROTATE DISPLAY 30°.
  - 2 MOUNT FIXTURE + 25" A.F.F. TO BOTTOM WILL REQUIRE MOUNTING CHANGE FOR EXISTING "G" FIXTURES.
  - 3 WELDER OUTLET, NEMA 6-50R, + 48" AFF.
  - 4 30A, 277V, SINGLE TOGGLE SWITCHES
  - 5 SEE LIGHTING CONTACTOR DETAIL, SHEET E-8.
  - 6 6-1" C TO PNT No. 1, FROM SCOREBOARD, CARD READER, PLUG-IN, TRAFFIC LIGHT, CHERRY PICKER AND PAY BOOTH.
  - 7 6-1" C TO PNT No. 2, SAME AS 6 EXCEPT CHANGE PAY BOOTH. ADMINISTRATION BUILDING.
  - 8 SEE DETAIL SHEET E-8.
  - 9 ON ROOF
  - 10 TRAILER PLUG IN AND CARD READER JUNCTION BOX BELOW BUILDING, SEE SHEET E-8
  - 11 SIGNAL LIGHT BELOW BUILDING, SEE SHEET E-8
  - 12 RELOCATE TO NEW RAIL POSITION WITH RESPECT TO RAISED CEILING.
  - 13 ROOF DRAIN HEAT TAPE, SEE SHEET M-2 DETAILS.
  - 14 SEE 10 SHEET E-5.
  - 15 INSTALL REMOTE ALARM LIGHT OPTION ABOVE PANEL PER MANUFACTURER'S RECOMMENDATION, +8" AFF.

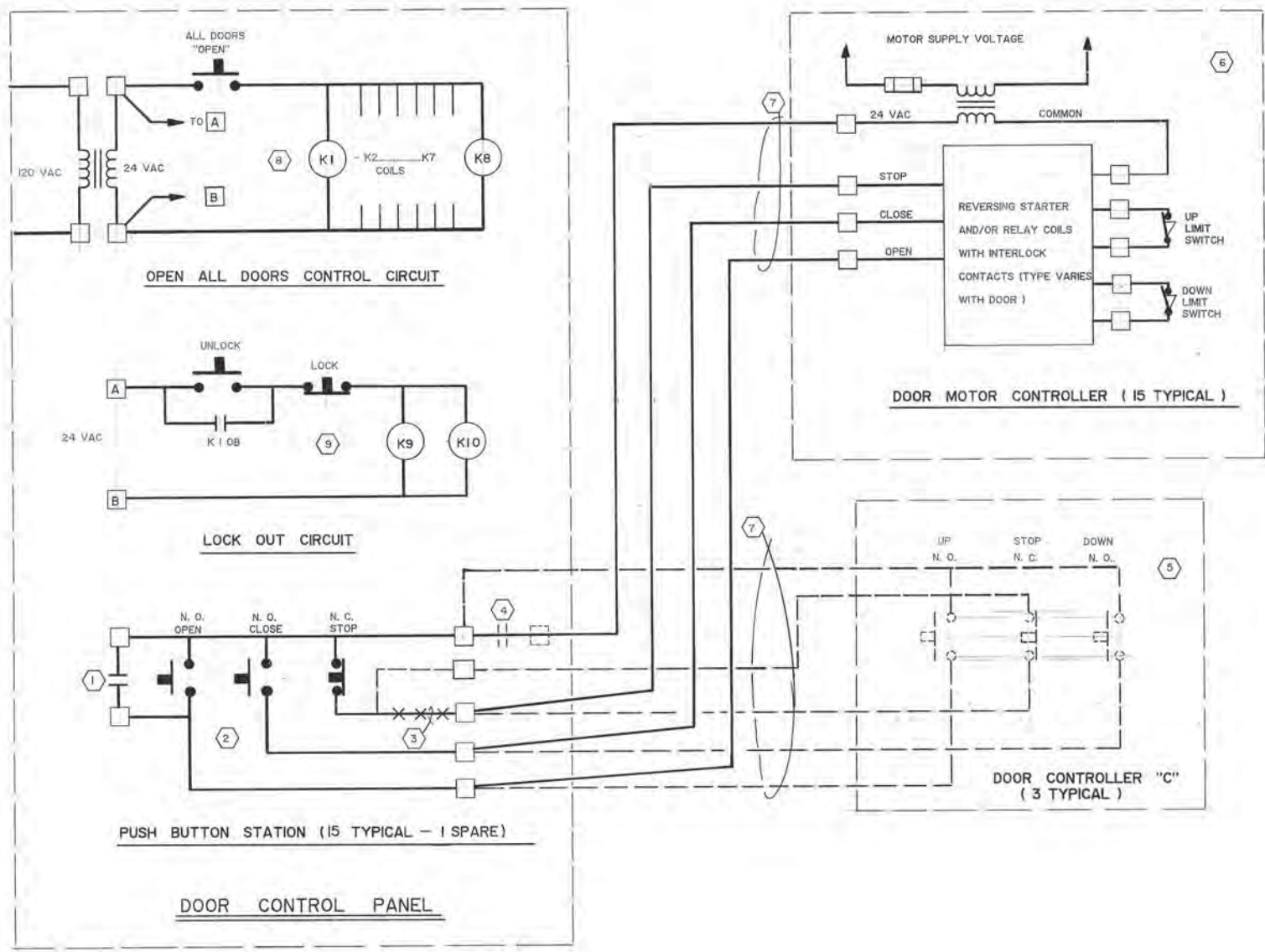
**ARCTIC ENGINEERS INC.**  
ANCHORAGE, ALASKA

**PROJECT NO.** 86-010-04 MOA  
**DESIGNED BY** Tom Longstaff  
**DRAWN BY** Candy O., KLA  
**CHECKED BY** Tom Longstaff  
**DATE** JAN. 20, 1987  
**SCALE** 1/8" = 1'-0"

NO.	REVISION	DATE	BY
1	CHANGED LT & ADDED NOTES, 3/15/86		WM



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRANSFER BUILDING ELECTRICAL PLAN**



**OVERHEAD DOOR CONTROL WIRING**

**NOTES :**

1 RELAYS K1-K8 EACH HAVE TWO SETS OF N.O. CONTACTS. THIS CONTACT SET SHALL BE USED IN OVERHEAD DOOR CIRCUIT AS SHOWN.

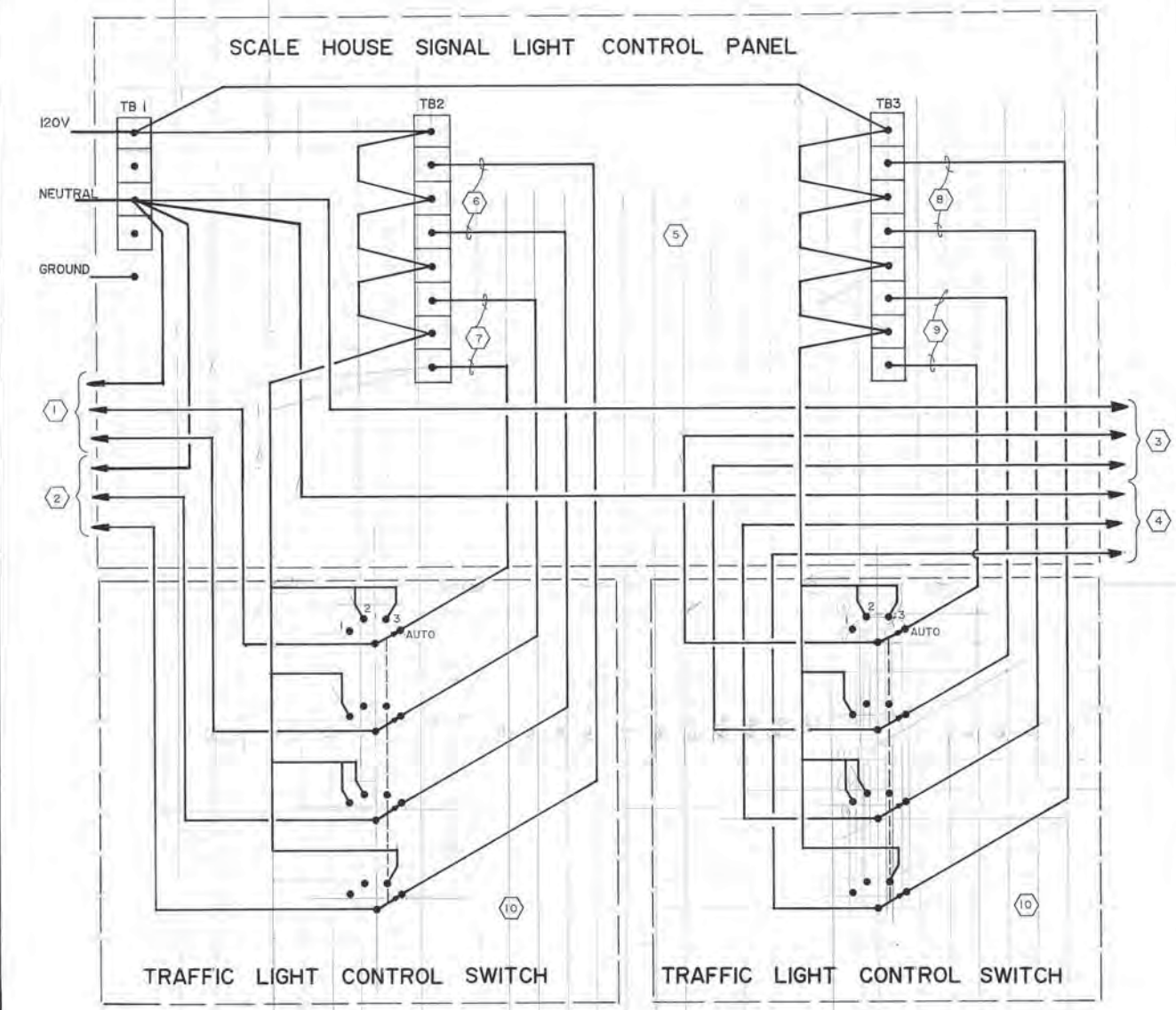
CONTACTS	CONTROL CIRCUIT
K1A & K1B	OD1 & OD2
K2A & K2B	OD3 & OD4
K3A & K3B	OD5 & OD6
K4A & K4B	OD7 & OD8
K5A & K5B	OD9 & OD10
K6A & K6B	OD11 & OD12
K7A & K7B	OD13 & OD14
K8A & K8B	OD15 & SPARE

- 2. EXISTING SWITCHES ON CONTROL PANEL REWIRE AS REQUIRED FOR NEW CONFIGURATION.
- 3. ADD CONTACT K9A, K9B & K10A FOR OVERHEAD DOORS 1, 2, & 3 RESPECTIVELY.
- 4. REMOVE FOR ADDITION OF CONTROLLER "C" AT OVERHEAD DOOR 1, 2, & 3.

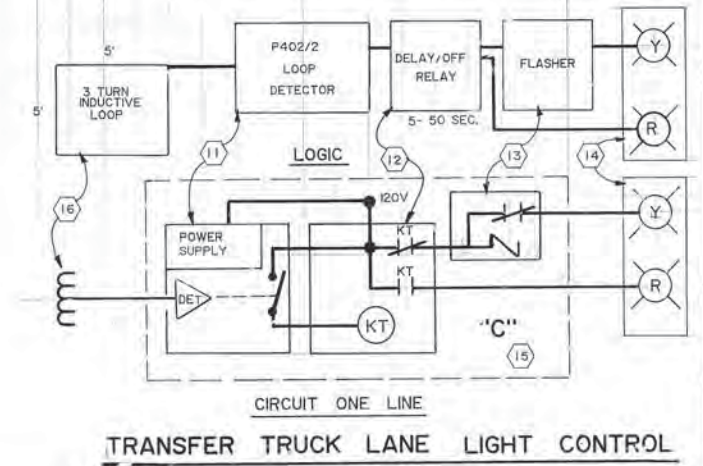
- 5. EXTERIOR DOOR OPERATIONS ON THREE NEW OVERHEAD DOORS 1, 2, & 3.
- 6. CONTROLLERS MOUNTED AT OVERHEAD DOOR.
- 7. NO. 14 WIRES IN CONDUIT FROM DOOR AREA.
- 8. EXISTING CIRCUIT IN DOOR CONTROL PANEL.
- 9. NEW CIRCUIT REQUIRED TO LOCK OVERHEAD DOORS 1, 2, & 3.

**NOTES :**

- 1 INBOUND FRONT LIGHTS.
- 2 INBOUND REAR LIGHTS.
- 3 OUTBOARD FRONT LIGHTS.
- 4 OUTBOARD REAR LIGHTS.
- 5 ONLY CONTROL PANEL TERMINAL BOARDS SHOWN FOR CLARITY.
- 6 INBOUND FRONT AUTOMATIC CONTROL.
- 7 INBOUND REAR AUTOMATIC CONTROL.
- 8 OUTBOARD FRONT AUTOMATIC CONTROL.
- 9 OUTBOARD REAR AUTOMATIC CONTROL.
- 10 NEHA 12 ENCLOSURE W/4 GANG, 4 POS. SW. W/10 AMP CONTACTS.
- 11 MANUFACTURED BY TRAFFIC CONTROL DEVICES DEPT./3M.
- 12 AGASTAT TYPE 7022AD.
- 13 AUTO SENSOR CONTROL MODEL 2017.
- 14 TRAFFIC LIGHT SUPPLIED BY OWNER.
- 15 ENCLOSURE (SEE SHEET E-3, PAY BOOTH PLAN, (26)).
- 16 SEE DETAIL ON SHEET E-5.



**SCALE HOUSE TRAFFIC LIGHT CONTROL CIRCUIT**

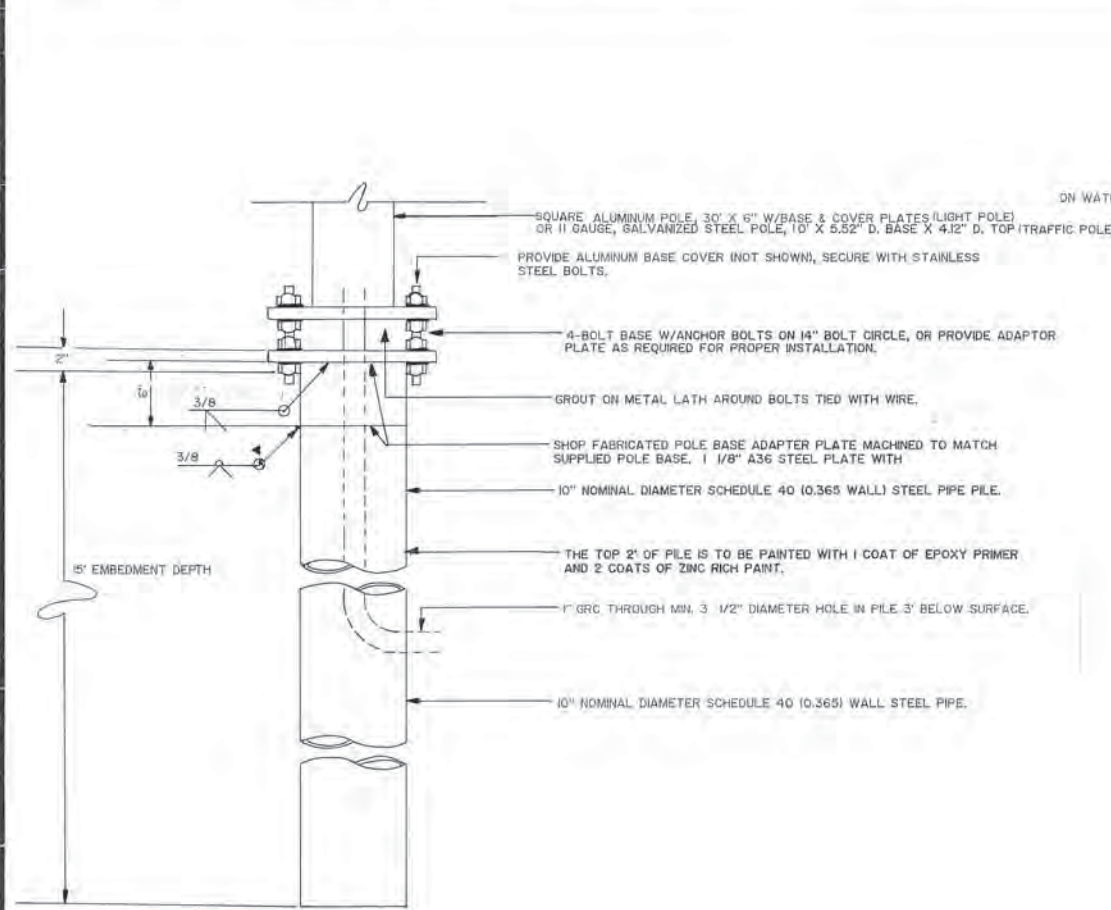


**PROJECT NO.**  
**DESIGNED :** Tom Longstaff  
**DRAWN :** Candy O.  
**CHECKED :** Tom Longstaff  
**DATE :** JAN. 20, 1987  
**SCALE :** None

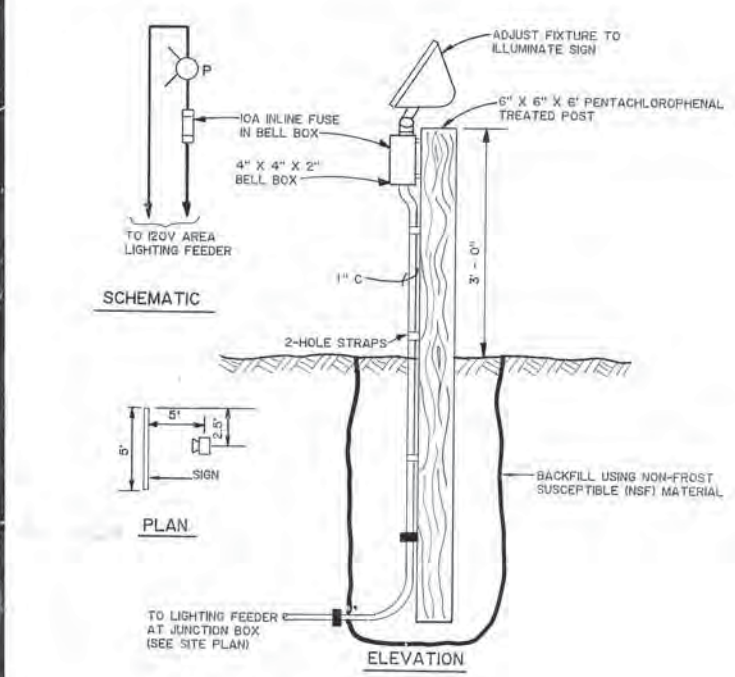
NO.	REVISION	DATE BY



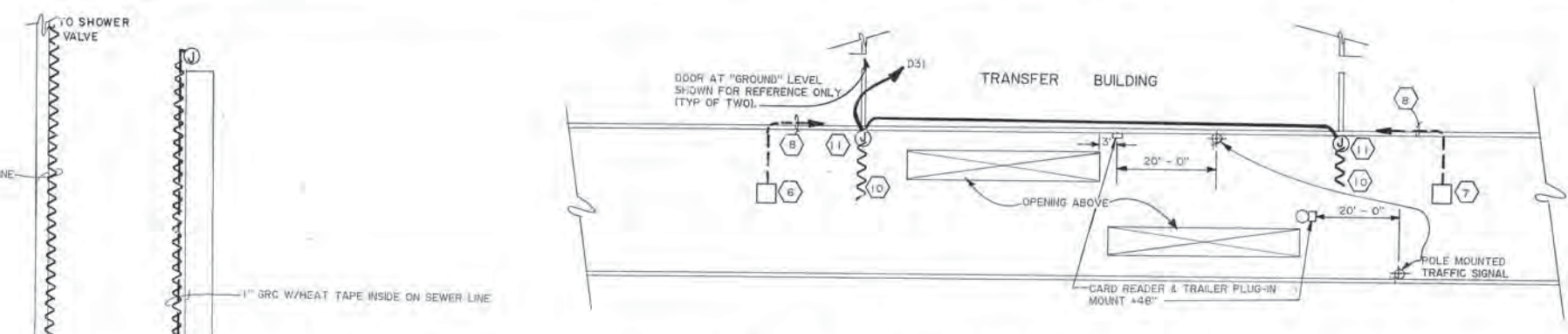
SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**TRAFFIC LIGHT & DOOR CONTROLS**



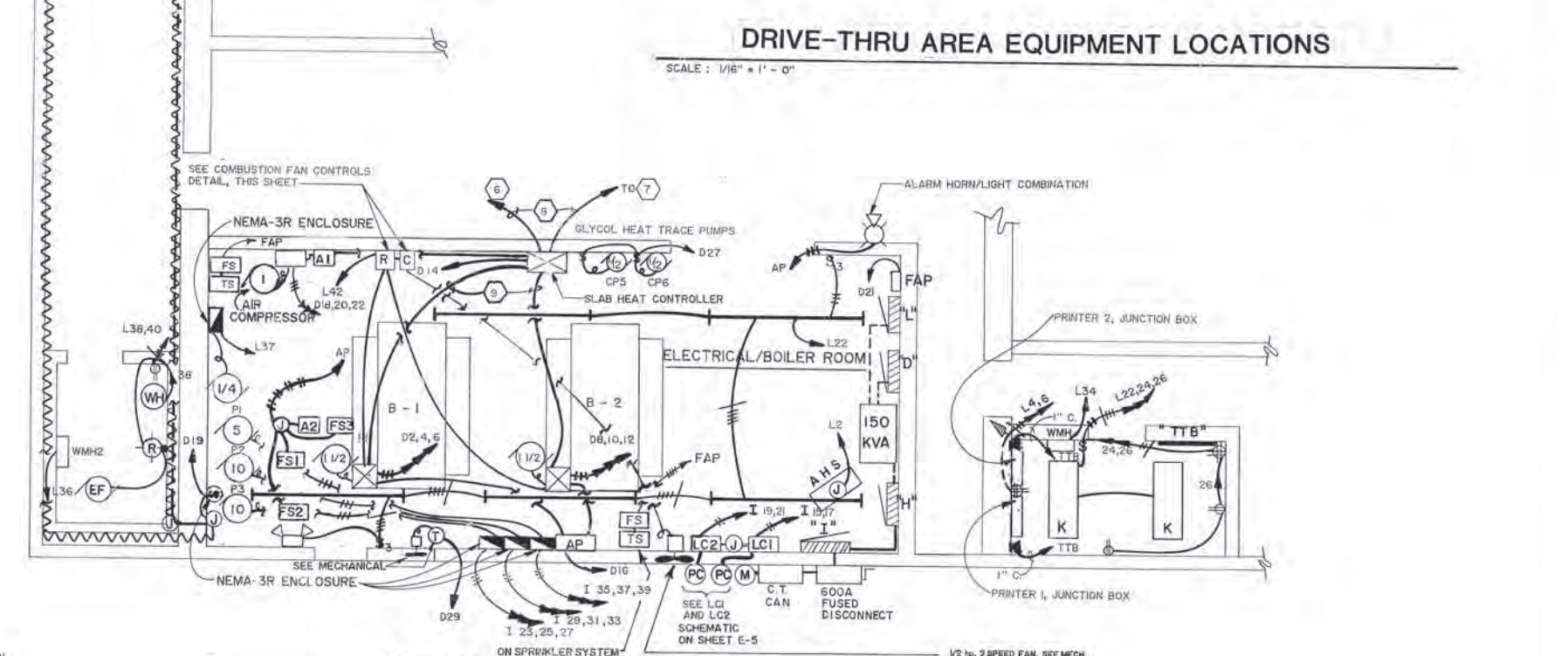
**TRAFFIC/LIGHT POLE FOUNDATION DETAILS**  
NOT TO SCALE



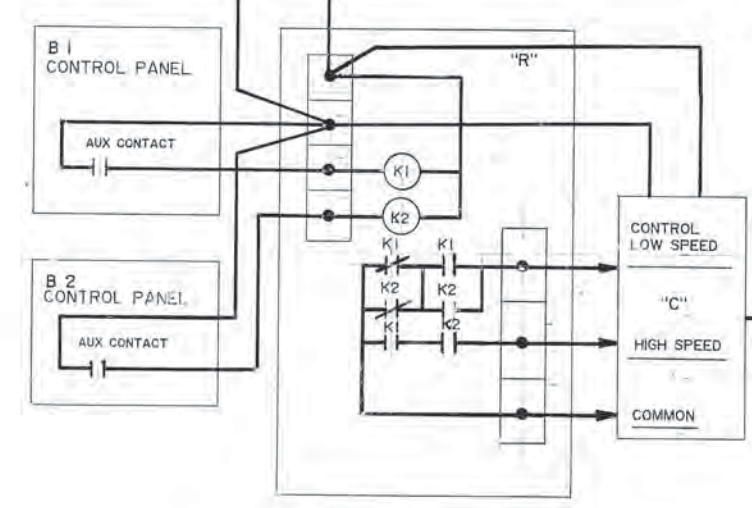
**SIGNLIGHT DETAIL**  
NOT TO SCALE



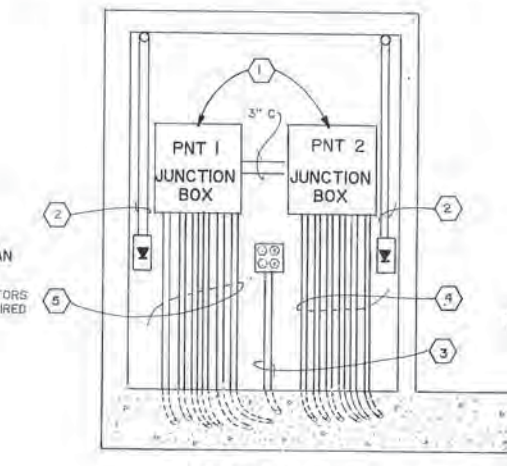
**DRIVE-THRU AREA EQUIPMENT LOCATIONS**  
SCALE: 1/16" = 1' - 0"



**TRANSFER BUILDING S. E. CORNER PLAN**  
SCALE: 1/4" = 1' - 0"



**COMBUSTION FAN CONTROLS**  
NOT TO SCALE



**PRINTER ROOM SOUTH WALL ELEVATION**  
SCALE: 1/2" = 1' - 0"

- NOTES :**
- 1 JUNCTION BOX, NEMA 12, 24" X 24" X 8" MOUNT + 4" AFF TO BOTTOM
  - 2 TELEPHONE OUTLET W/1" C., MOUNT +3" AFF.
  - 3 QUADRAPLEX RECEPTACLE, MOUNT +3" AFF
  - 4 6-1" C FROM SCOREBOARD, CARD READER PLUG IN, TRAFFIC LIGHT, CHERRY PICKER AND PAY BOOTH.
  - 5 6-1" C. FROM SCOREBOARD, CARD READER, PLUG IN, TRAFFIC LIGHT, CHERRY PICKER AND ADMINISTRATION BUILDING.
  - 6 4" X 4", CAST, NEMA 4 JUNCTION BOX, 2" UNDER AC. BOX CONTAINS 8 TYPE "T" THERMOCOUPLES (MASTER & 7 SPARE) FOR BOILER CONTROL.
  - 7 3/4" GRC W/THERMOCOUPLE EXTENSION CABLES TO "SLAB HEAT CONTROLLER".
  - 8 BOILER CONTROL CONDUIT & CONDUCTORS.
  - 9 10" OF 3/4" TYPE "K" COPPER TUBING W/S WATT PER FT. HEAT TAPE IN DRAIN LINE.
  - 10 NEMA 4 CAST BOX, WALL MOUNTED, IN SAND TRAP.

**PROJECT NO.** 146-010-04 MOA  
**DESIGNED** : Tom Longstaff  
**DRAWN** : Candy O., KLA  
**CHECKED** : Tom Longstaff  
**DATE** : JAN. 20, 1987  
**SCALE** : As Shown

NO.	REVISION	DATE	BY
1	BURNING OIL/GLYCOL H.T. 3100065		



SOLID WASTE TRANSFER FACILITIES  
 Central Transfer Facility  
**MISCELLANEOUS DETAILS**