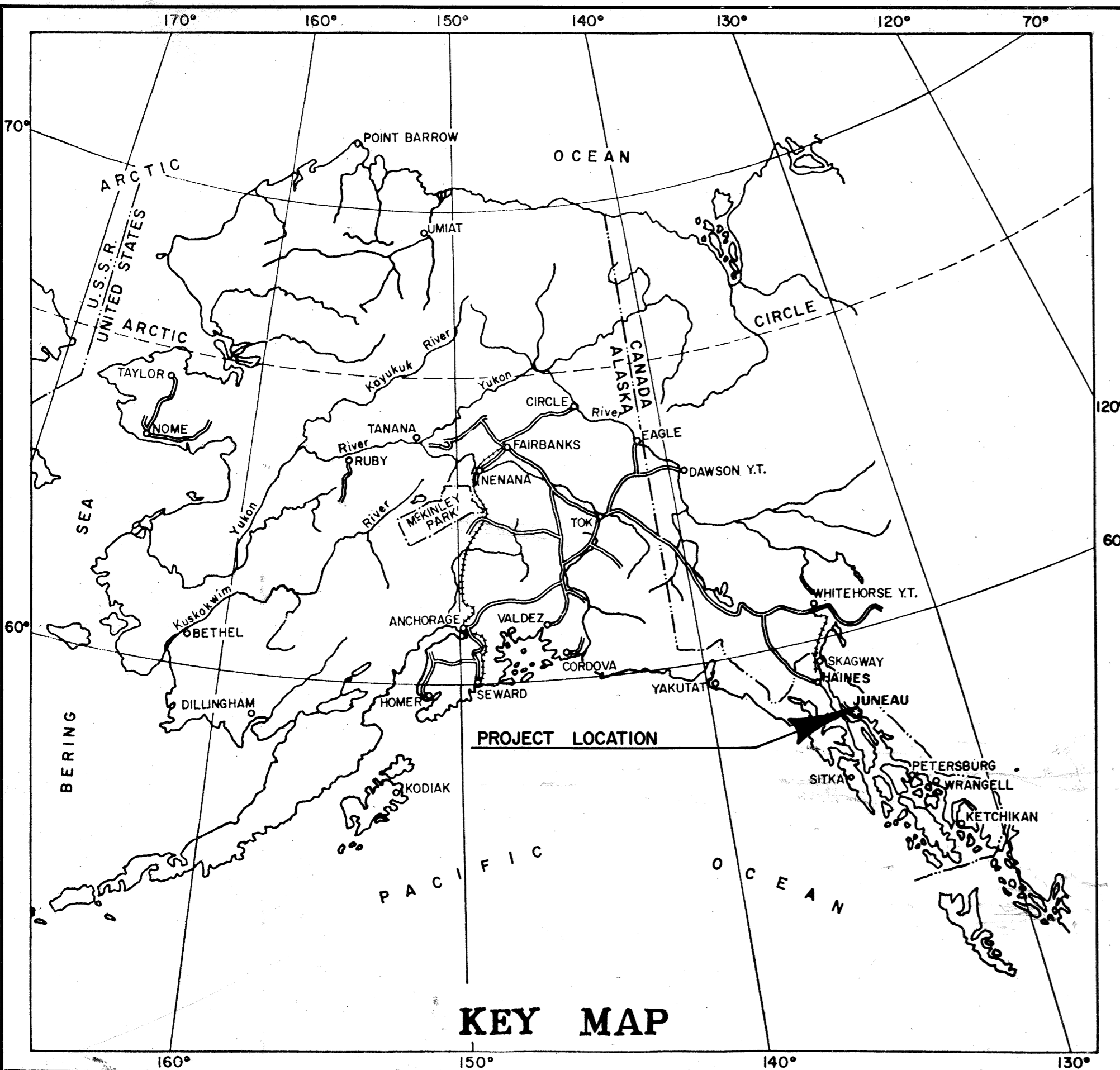


STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

PLAN AND PROFILE PROPOSED HIGHWAY PROJECT AUKE BAY PARKING LOTS GRADING, PAVING, & DRAINAGE 69105 & 69106



INDEX OF SHEETS	
1	TITLE SHEET
2	PARKING LOT TYPICAL SECTIONS
3	EXISTING SITE & DRAINAGE PLAN FOR PARKING AREA 1
4	PROFILE OF PARKING AREA 1
5	PAVING PLAN PARKING AREA 1
6	STRIPING PLAN PARKING AREA 1
7	PARKING AREA 2
8	WATER SYSTEM DETAILS
9	WATER SYSTEM LAYOUT
10	WATER & SEWER LINE MODIFICATIONS
11	WASTE OIL STATION
12	ELECTRICAL PLAN E-1
13	ELECTRICAL DETAILS E-2

THE FOLLOWING STANDARD DRAWINGS SHALL APPLY TO THIS PROJECT:
A-1-C-ALL D-01.00, 26.01, G-02.00, I-40.00, S-00.00, 05.00, 20.00, 30.00, T-22.01
U-03.00

"AS-BUILT"

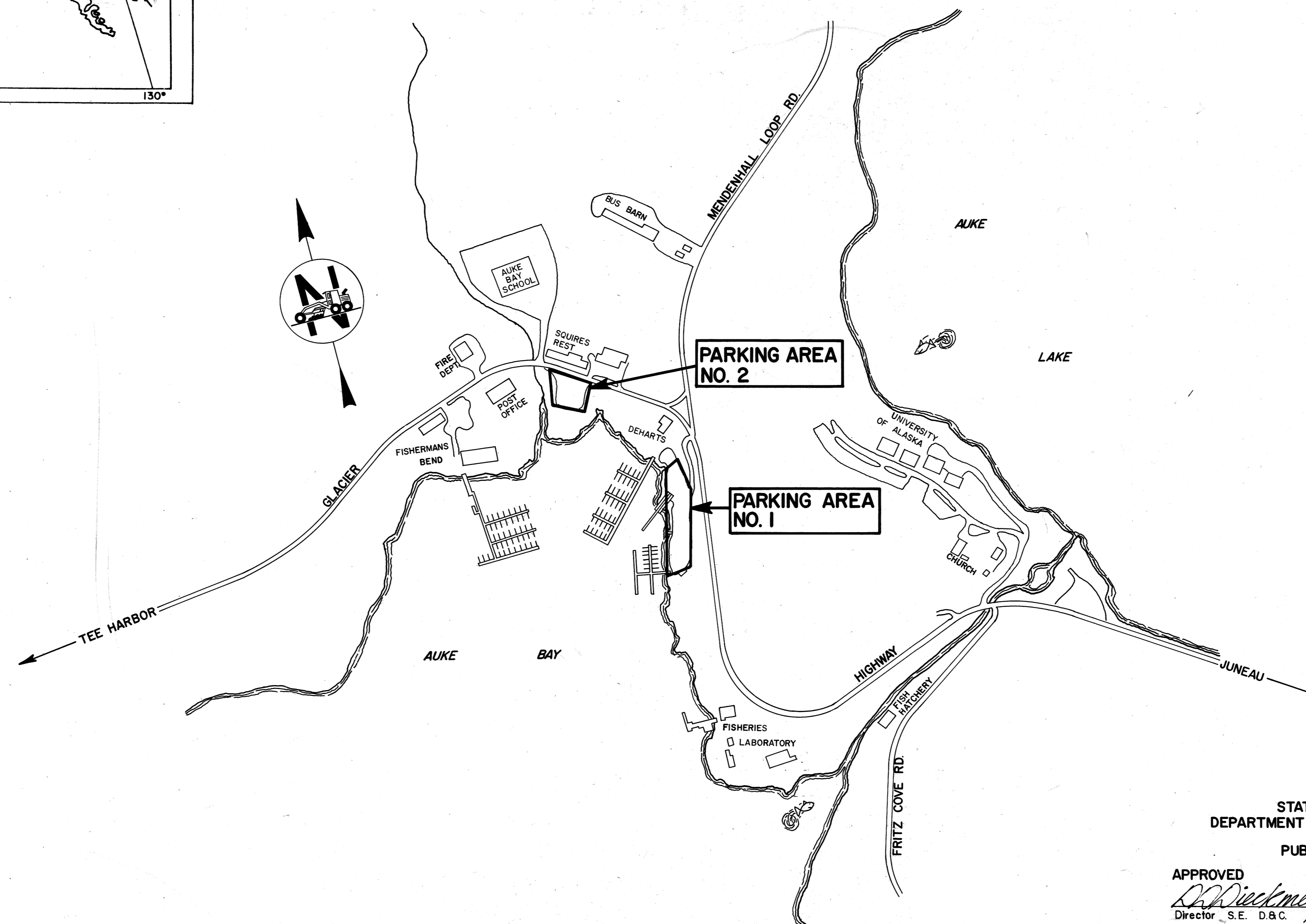
Contractor: Gastineau Contractors

Start: August 14, 1986

Stop: September 23, 1987

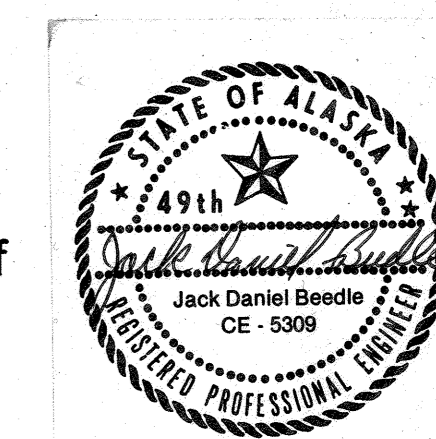
Project Engineers: Dave Ward
Duane Doerflinger

Date: November 3, 1987



Plans Developed by: **D. F. DOERFLINGER**

Under the Supervision of

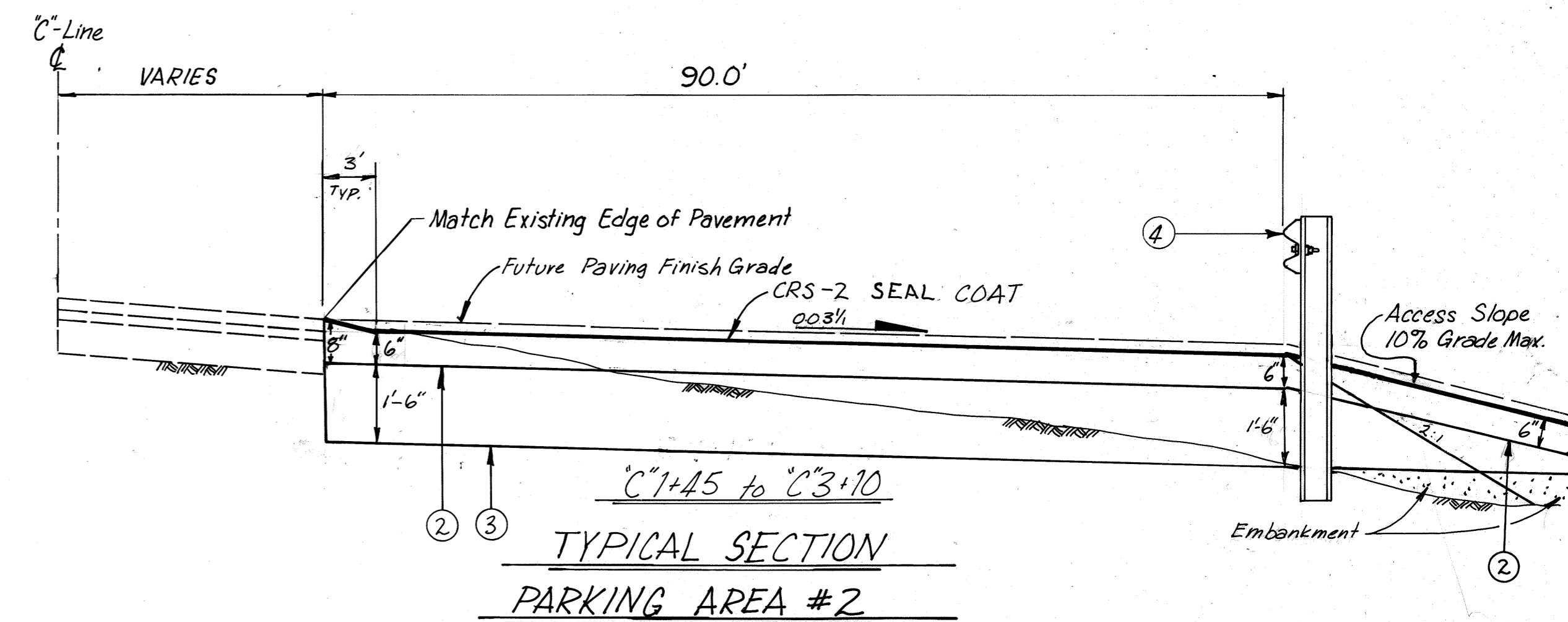
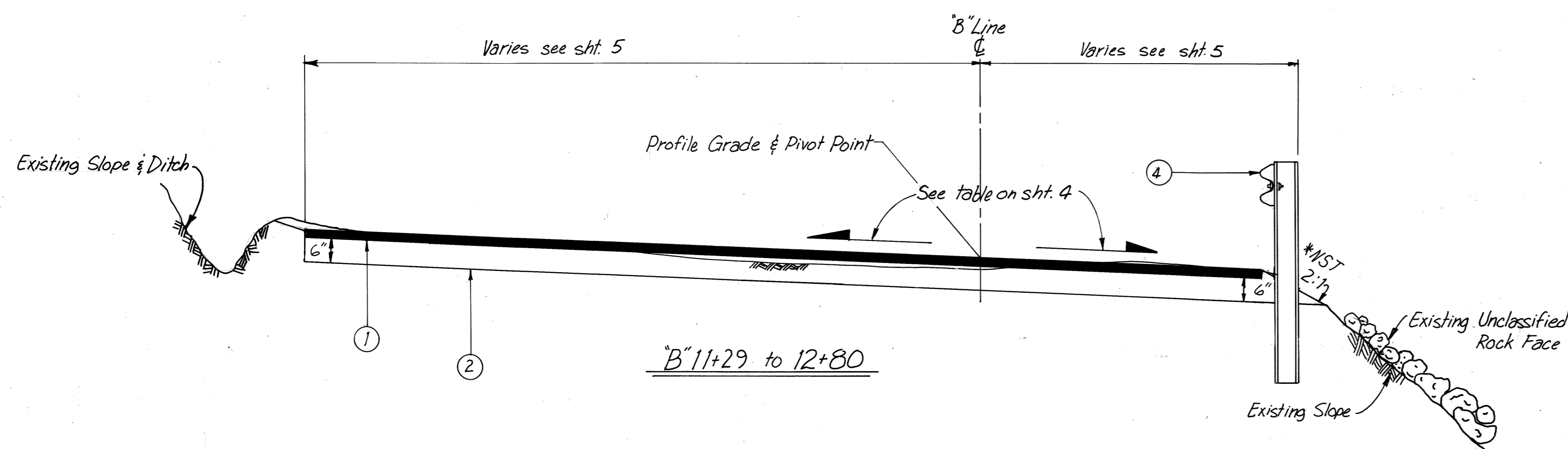
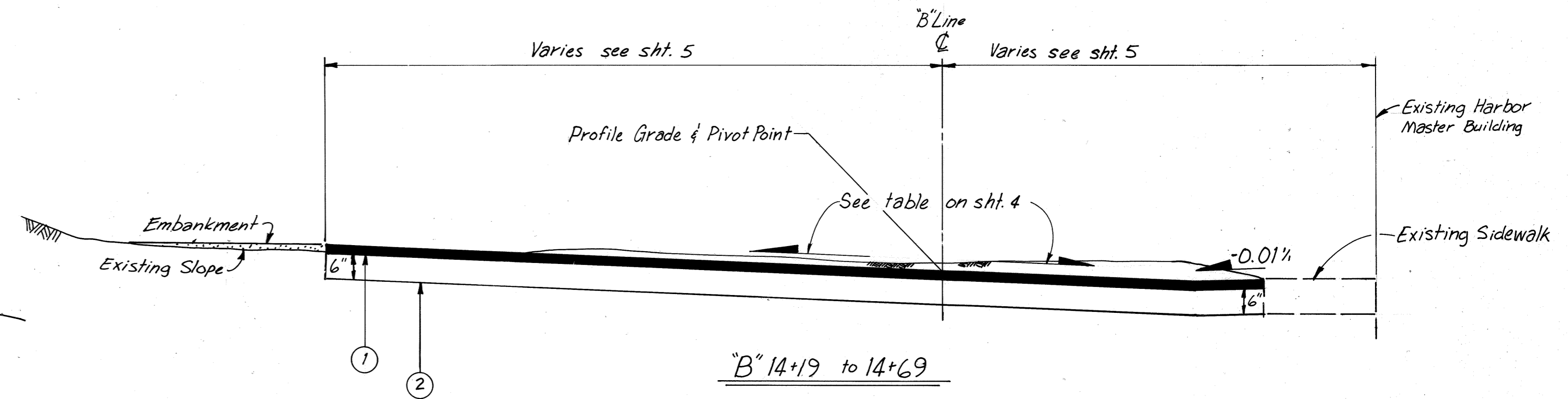
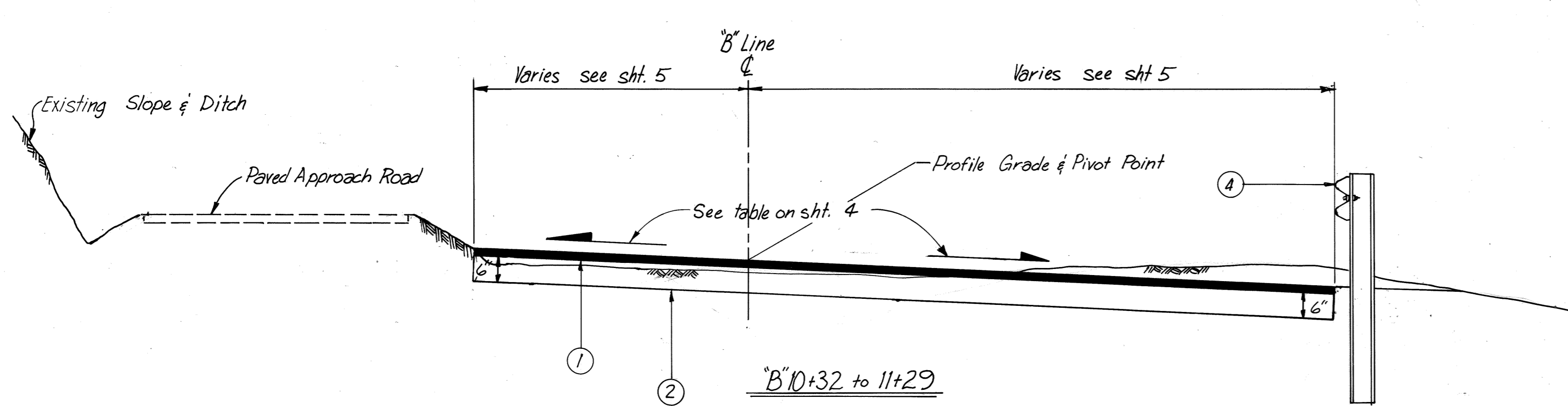
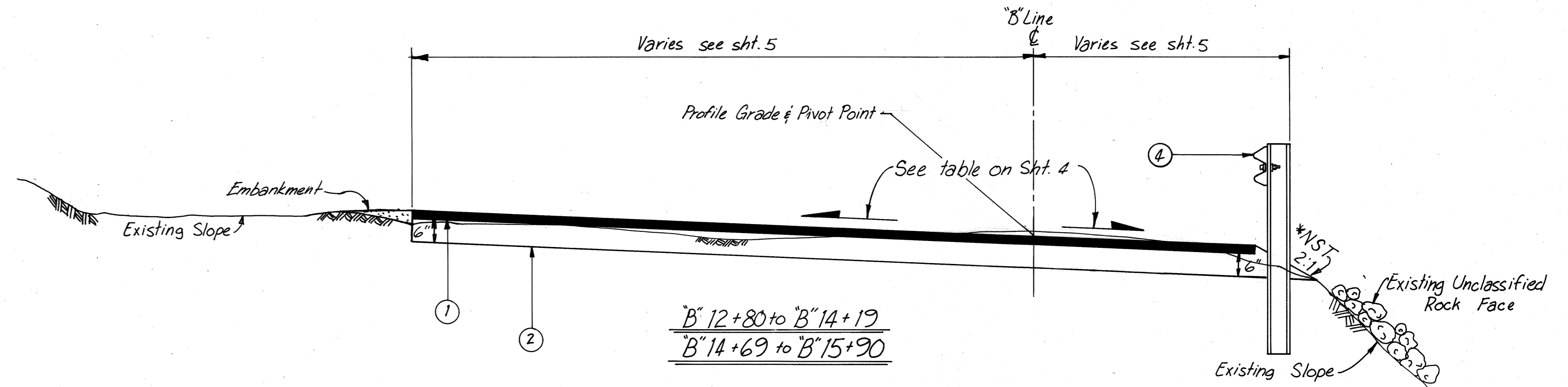
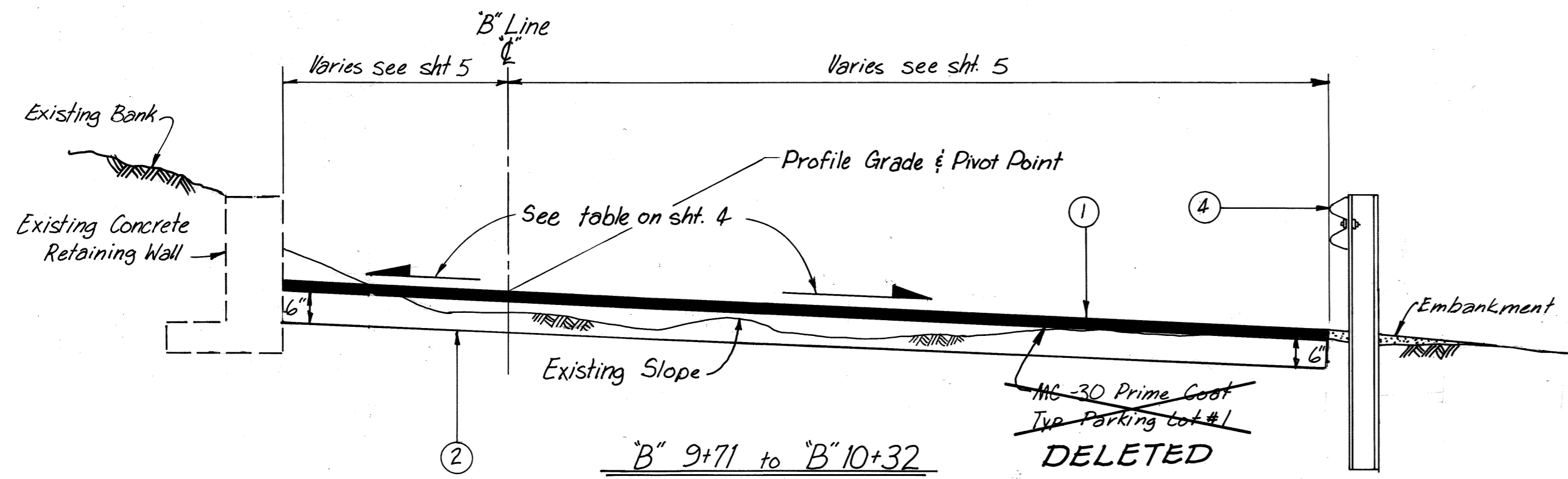


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED
[Signature] DATE 6-6-86
Director, S.E. D&C

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED
[Signature] DATE 6-6-86
Group Design Chief



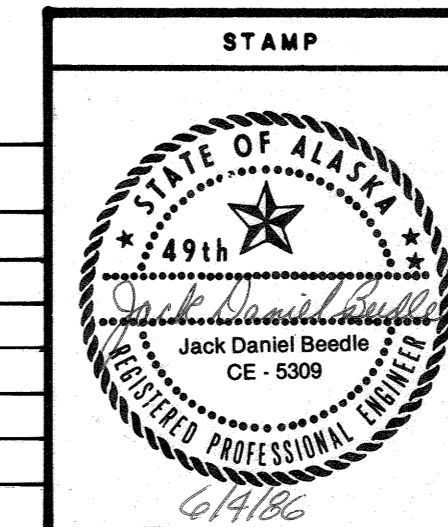
TYPICAL SECTIONS
PARKING AREA #1

TYPICAL SECTION
PARKING AREA #2

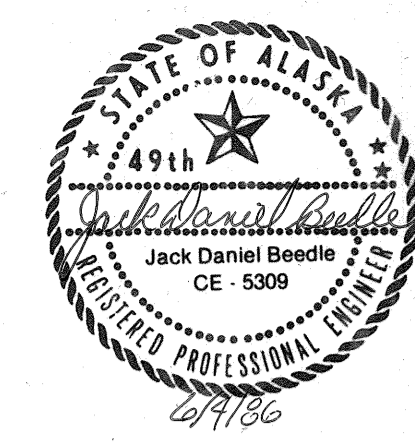
D. for DCW
11-3-87

*NST= No Steeper Than

LABELING INDEX	
1	2" Asphalt Concrete Pavement Type II
2	Crushed Aggregate Base Course - D1 As Shown
3	1'-6" Subbase, Grading A
4	62S Beam Guard Rail; 12'-6" O.C. Beam spacing unless shown otherwise.



DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
Auke Bay		Alaska	
PARKING LOT TYPICAL SECTIONS			
DESIGNED <i>J</i>	CHECKED <i>JDB</i>	DRAWN <i>DJM</i>	DATE 4-86
PROJECT NUMBER 69105 & 69106		SHEET 2 OF 13	



ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITIES				C.O.1
			BASIC BID	SUPPLEMENTAL "A"	WORK C.O.1/5	WORK C.O.4	
109(2)	DBE/WBE ADJUSTMENTS	CS	All Reg'd				
110(1)	MOBILIZATION	LS	" "				
111(1)	TEMP. EROSION & POLLUTION CONT.	CS	" "				
114(1)	CONST SURVEYING BY THE CONTRACTOR	LS	" "	All Reg'd			
115(1)	TRAFFIC MAINT.	LS	" "	" "			
203(3)	UNCLASSIFIED EXCAVATION	CY	1700CY	465CY			
203(8)	EMBANKMENT	CY	50CY	140CY			
301(1)	CRUSHED AGGREGATE BASE COURSE	TON	2480	542			
304(2)	SUBBASE GRADING A	CY	2480	880CY			
401(1)	ASPHALT CONCRETE TYPE II	TON	857.7	50.08			
401(2)	ASPHALT CEMENT AC-5	TON	57TON				
403(2)	MC-30 LIQUID ASPHALT FOR PRIME COAT	TON	73TON				
404(1)	CRS-2 LIQUID ASPHALT FOR SEAL COAT	TON		1.5 TON			
404(3)	COVER COAT MATERIAL TYPE 2	TON		14 TON			
510	WASTE OIL STATION	LS	All Reg'd.				Deleted
608(4)	24" CORRUGATED STEEL PIPE	LF	134LF				Deleted
604(4)	ADJUST EXISTING MANHOLES	EA	2				Deleted
604(6)	INLETS	EA	1				Deleted
606(1)	BEAM TYPE GUARDRAIL, TYPE I POST	LF	600LF	118.75LF			
615(1)	STANDARD SIGN	SF		6 SF			
628(2I)	10" DUCTILE IRON WATER CONDUIT	LF	457LF				
628(2II)	16" DUCTILE IRON WATER CONDUIT	LF		185 LF			
628(2III)	6" DUCTILE IRON WATER CONDUIT	LF		120 LF			
628(6)	FIRE HYDRANT INSTALLATION	EA	2				
628(9)	WATER SERVICE CONNECTION	EA	2				
628(10)	INSTALL 10" GATE VALVE	EA	2				
628(10II)	INSTALL 6" GATE VALVE	EA		1			
628(12)	HYDRANT ACCESS PAD	EA	1				
628(13)	HYDRANT GUARD POSTS	EA	2				
629	WATER AND SEWER LINE MODIFICATIONS	LS	All Reg'd.				Deleted
670(4)	PAINTED TRAFFIC MARKINGS	LS	" "				Deleted
682	PARKING LOT ELECTRICAL POWER & LIGHTING SYSTEM	LS	" "				Deleted
670(2)	Painted Traffic Markings	LS			All Reg'd.		
312	Repair Boat Launch Ramp	LS			All Reg'd.		
510(1)	Waste Oil Station	LS			All Reg'd.		
615	Install Existing Signs	LS			" "		
203(4)	Excavate & Dispose of Unsuitable Material	CY				820	
304(4)	Sub Base Grading "E"	CY		246		758	
801	Miscellaneous Work Items	LS				All Reg'd.	
603(A)	Restocking Cost 24" & CMP	LS	2323			2323	All Reg'd.
603(B)	Install 12" x 24" CMP	LS				" "	
628(9A)	Increase Water Service	LS				" "	
628(9B)	Install Additional Water Service	LS				" "	

TABLE of PAVEMENT SLOPES

STA.	SLOPES	
	LEFT	RIGHT
10+00	+ 0.02 %	- 0.02 %
11+00	+ 0.03 %	- 0.02 % - 0.015 %/ft
11+50	+ 0.044 %	- 0.025 % - 0.015 %/ft
12+00	+ 0.03 %	- 0.03 %
12+50	+ 0.02 %	- 0.02 %
13+00	+ 0.015 %	- 0.015 %
13+50	+ 0.015 %	- 0.01 %
14+00	+ 0.01 %	- 0.01 %
14+50	+ 0.015 %	- 0.015 %
15+00	+ 0.01 %	- 0.01 %
15+50	0.00 %	0.00 %
15+83.77	0.00 %	0.00 %

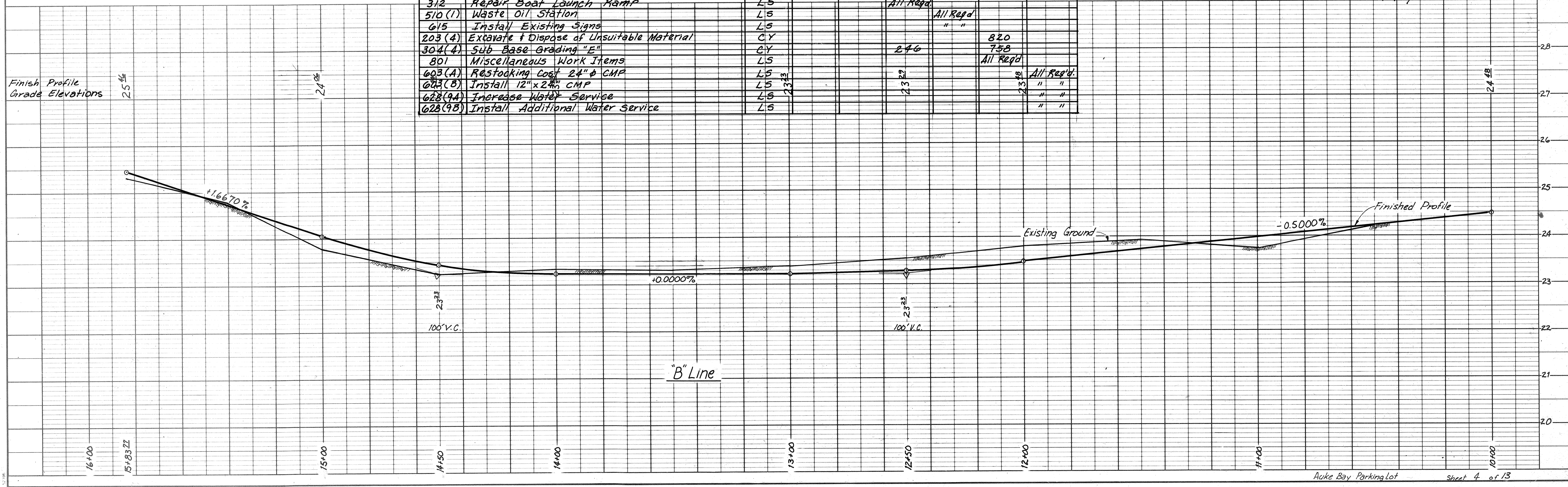
BASIS of ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301(1)	Crushed Agg. Base Course	1.90 Tons/C.Y.
401(1)	Asphalt Concrete, Type II	1144 LBS/S.Y./Inch Depth
401(2)	AC-5 Asphalt Concrete	6% of Item 401(1)
403(2)	MC-30 Liquid Asphalt	.25 gal/sy - 256 gal/ton
404(1)	CRS-2 Liquid Asphalt	.20 gal/sy - 240 gal/ton
404(3)	COVER COAT MATERIAL TYPE 2	15 lb/sy

GENERAL NOTES

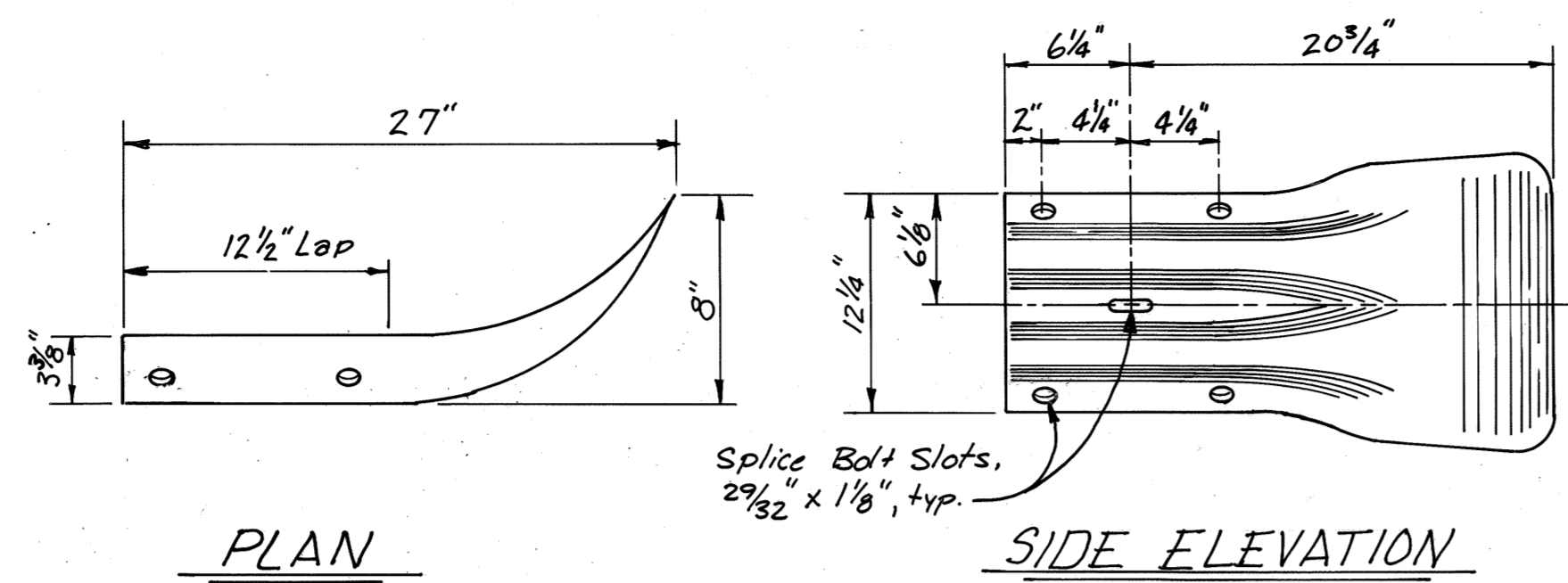
1. Grades & alignment shown on these plans are subject to minor revisions.
2. Storm inlet locations & elevations shown on these plans are subject to minor revisions.
3. Culvert lengths & locations shown on these plans are subject to minor revisions.
4. Guard Rail lengths and locations shown on these plans are subject to minor revisions.
5. The removal of existing pavement shown on these plans shall be paid for as Unclassified Excavation & No separate payment shall be made therefor. All cuts to be made in the existing pavement shall be sawn in a neat, workmanlike, manner.
6. Vertical control to be provided by Engineer.

D. for DCW 11/3/87

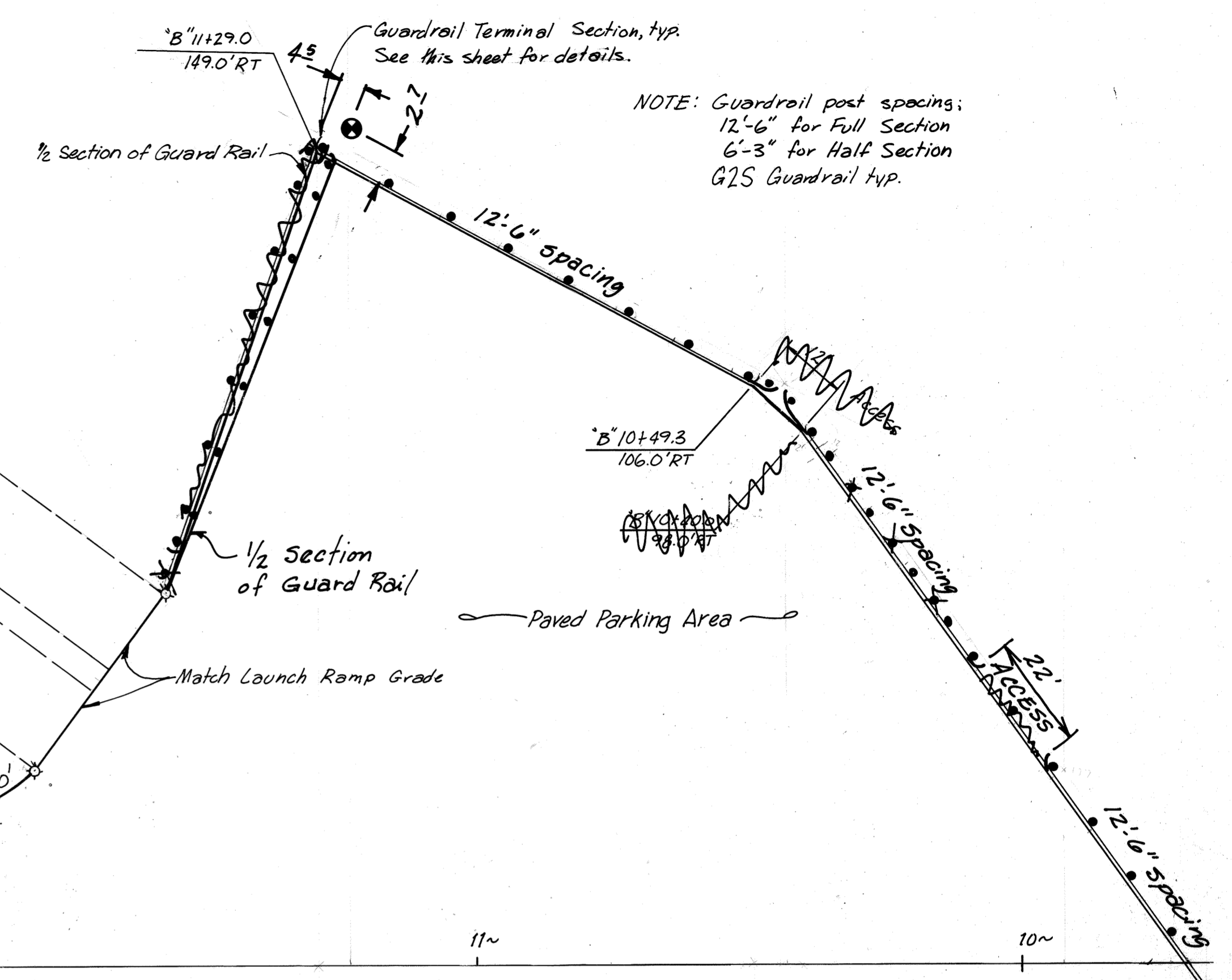


PLAN
 SUPERVISOR: _____ DATE: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____
 CHECKED: _____
 DATE: _____
 NO. _____

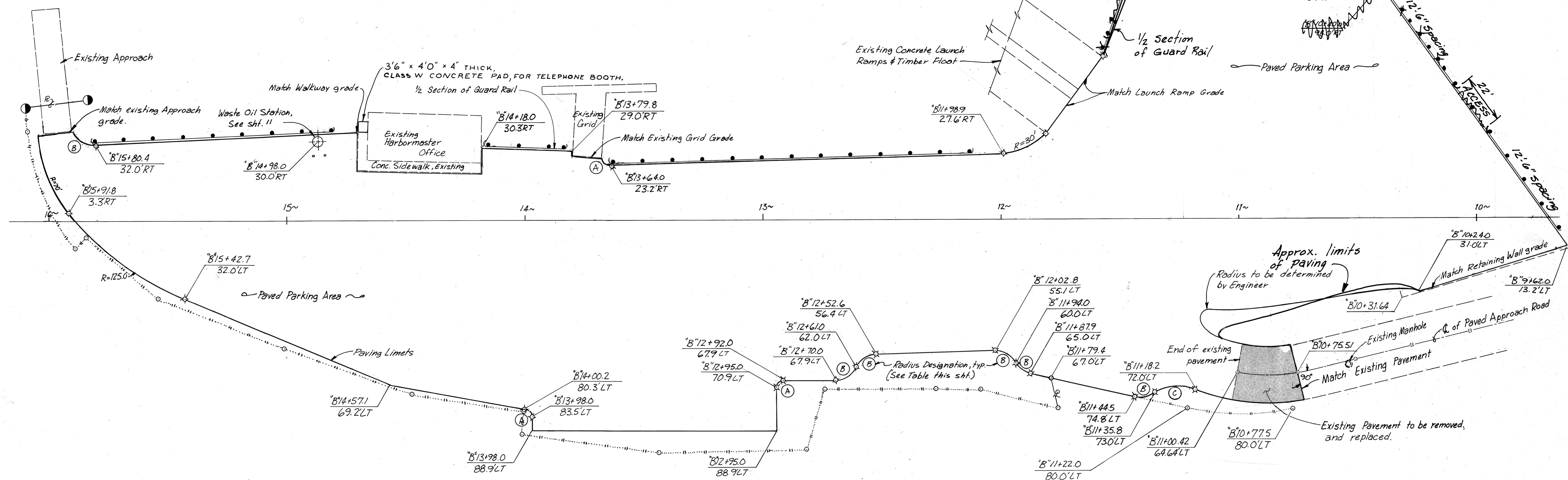
PROFILE
 SUPERVISOR: _____ DATE: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____
 CHECKED: _____
 DATE: _____
 NO. _____



PLAN
SIDE ELEVATION
GUARDRAIL TERMINAL SECTION DETAIL



NOTE: Guardrail post spacing:
12'-6" for Full Section
6'-3" for Half Section
G1S Guardrail typ.

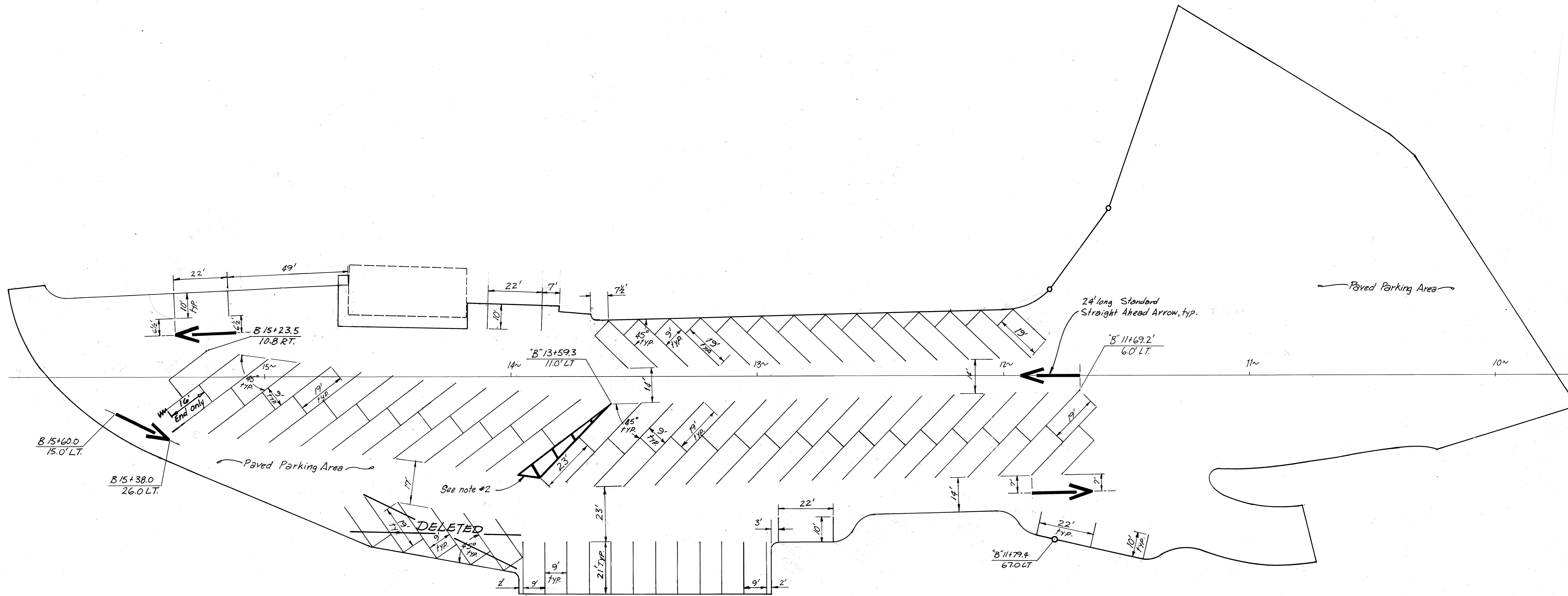


LEGEND
 x Points of tangency for Paving Limits
 o Rebar set
 o Center Line points of Paved Approach Road

RADIUS TABLE	
DESIGNATION	RADIUS
A	3'
B	10'
C	20'

D for DCW 11/3/87

	DO NOT SCALE THIS DRAWING - USE DIMENSIONS		
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES		
Auke Bay		Alaska	
PAVING PLAN PARKING AREA NO. 1			
DESIGNED <i>D</i>	CHECKED <i>JDB</i>	DRAWN <i>DJM</i>	DATE 4-86
PROJECT NUMBER 69105 & 69106	SHEET 5		OF 13



NOTES

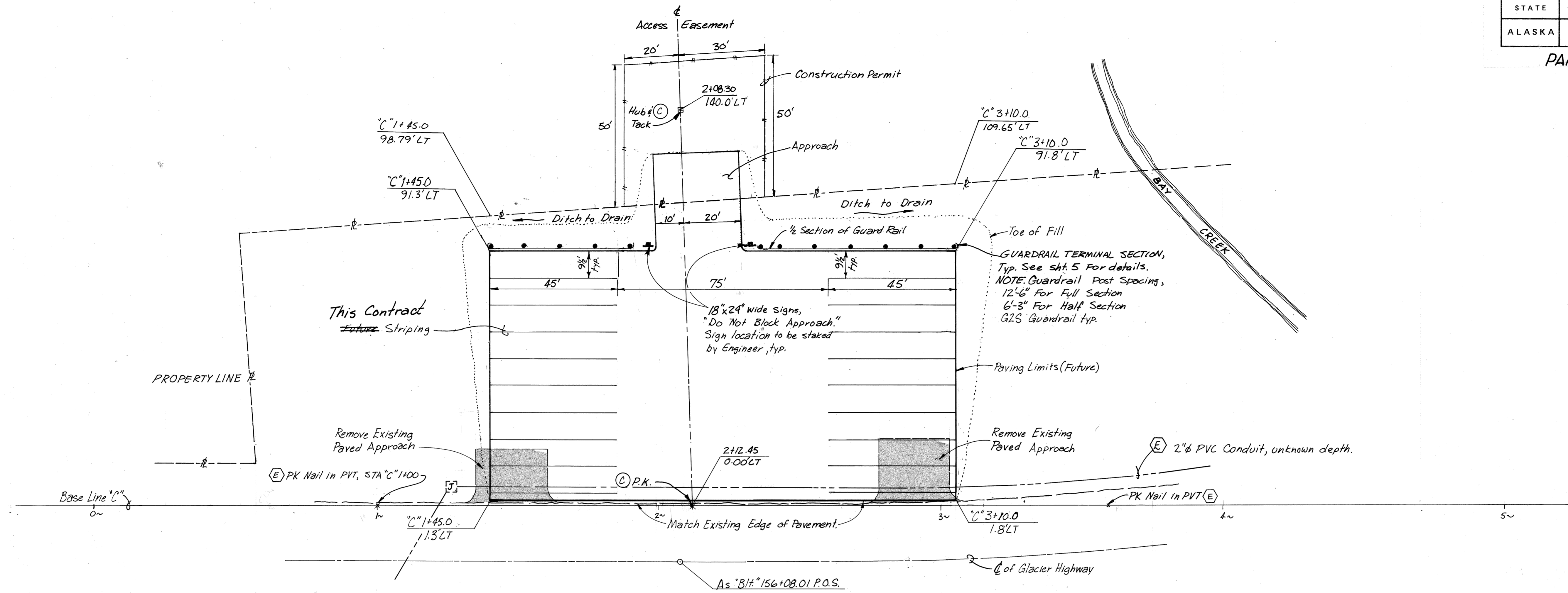
1. All striping to be white
2. Striping in the Non-Parking area (as shown) is to be 1'-6" wide.
3. Parking Area striping to be 4" wide.

D. for DCW 11/3/87

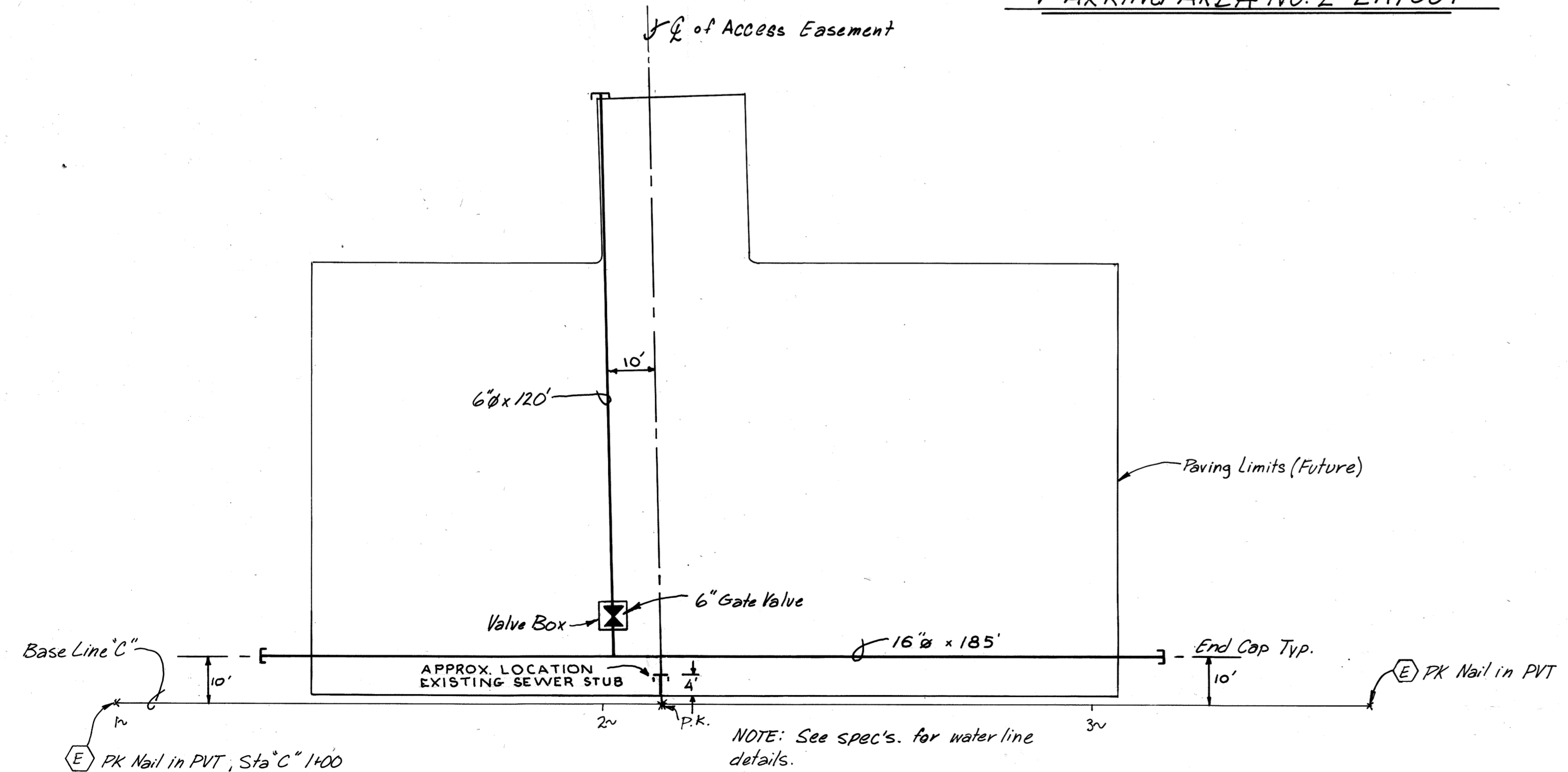
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		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
Auke Bay		Alaska	
STRIPING PLAN			
PARKING AREA NO. 1			
DESIGNED <i>D</i>	CHECKED <i>JDB</i>	DRAWN <i>DJM</i>	DATE <i>4-86</i>
PROJECT NUMBER 69105 & 69106	SHEET 6		OF 13

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	69105 & 69106	1986	7	13

PARKING AREA NO. 2



PARKING AREA NO. 2 LAYOUT

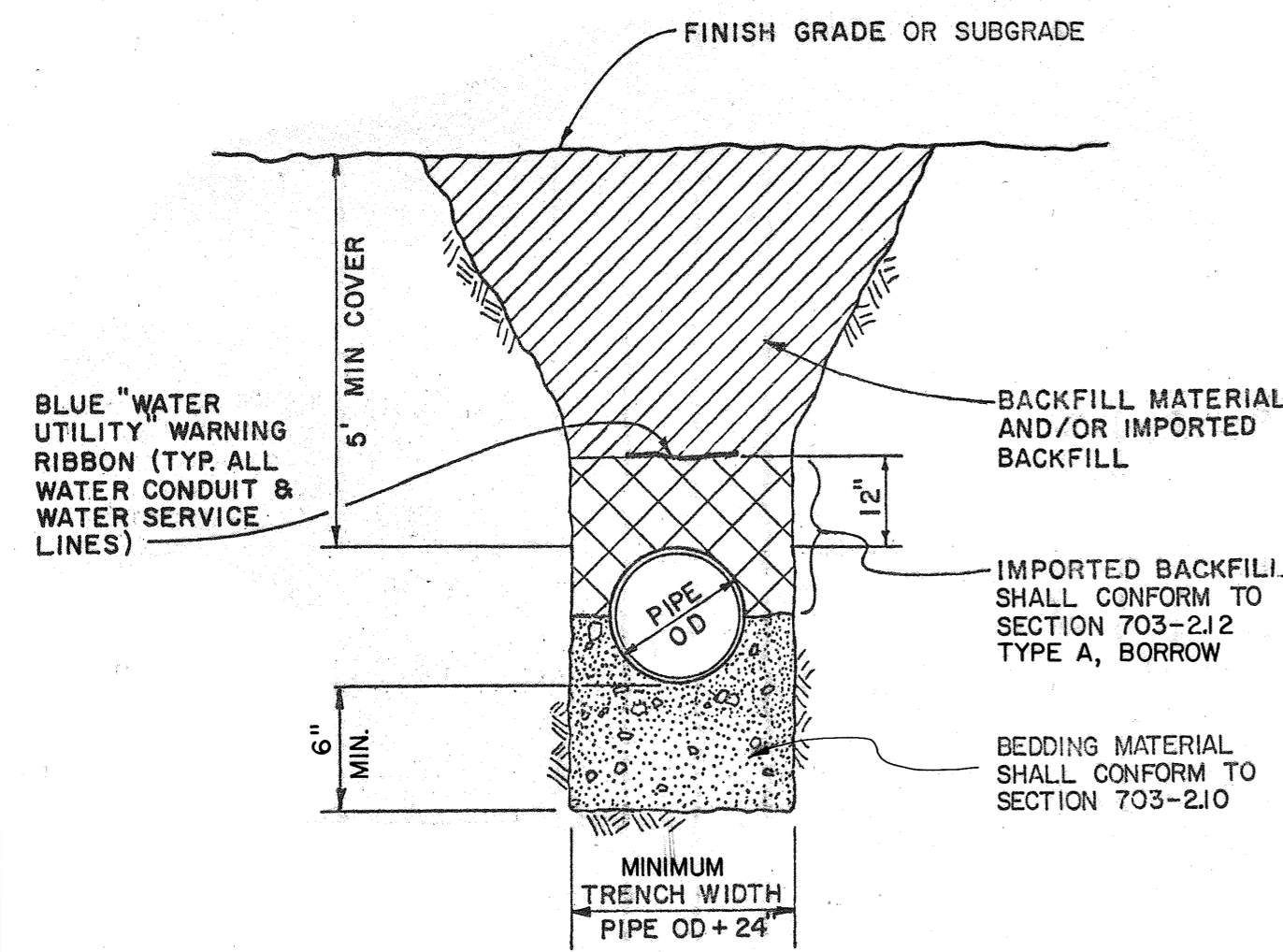


WATER LINE LAYOUT for P.A. #2

D. for DCW 11/3/87

- ⌈ = Existing Junction Box
- Ⓔ = Item is existing
- Ⓒ = Install This Contract.

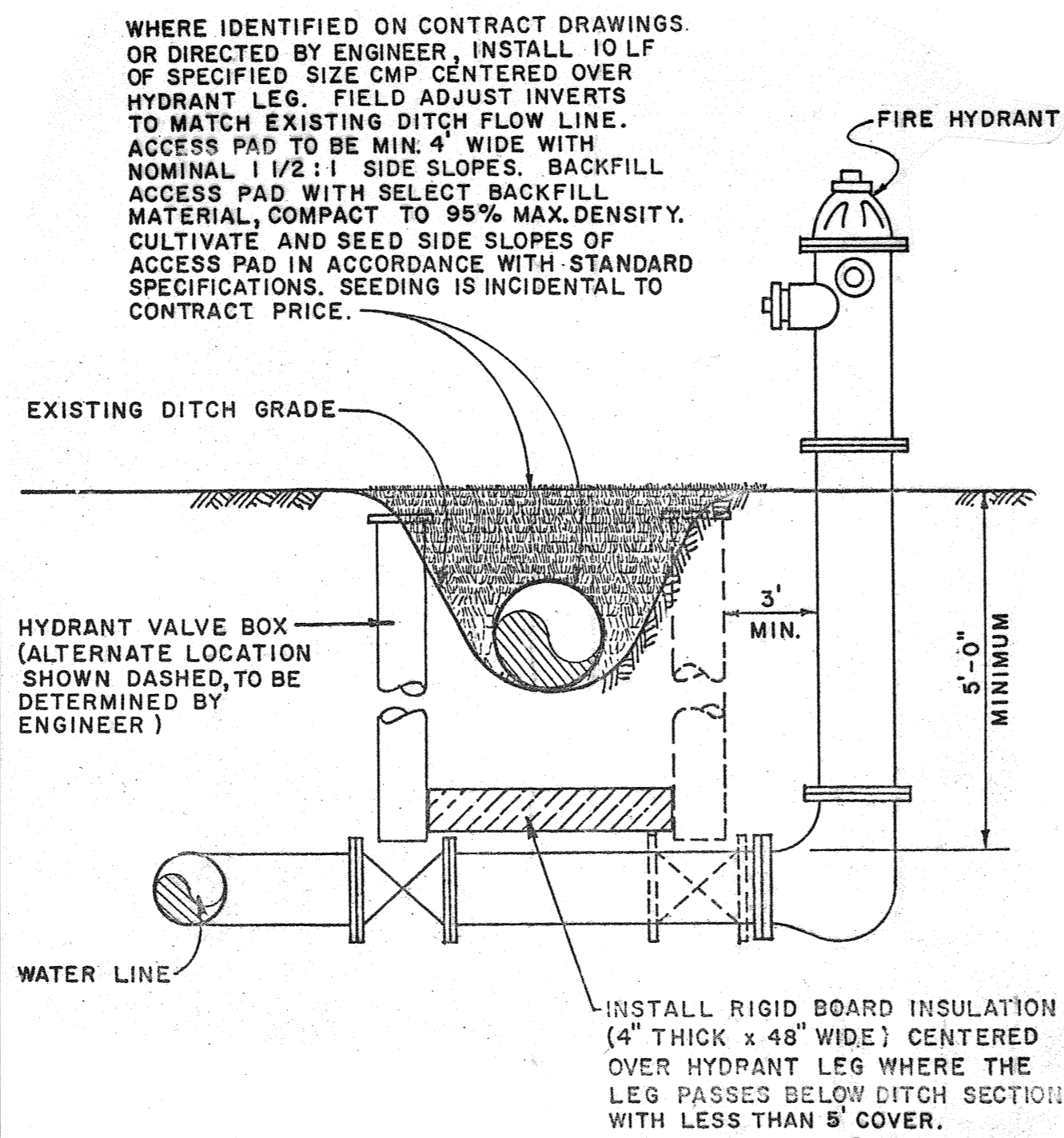
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		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
Alaska Bay		Alaska	
PARKING AREA NO. 2			
DESIGNED <u>D</u>	CHECKED <u>JDB</u>	DRAWN <u>D.J.M.</u>	DATE <u>4-86</u>
PROJECT NUMBER <u>69105 & 69106</u>		SHEET <u>7</u> OF <u>13</u>	



NOTE:
1. ALL BEDDING AND BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T 180-D.

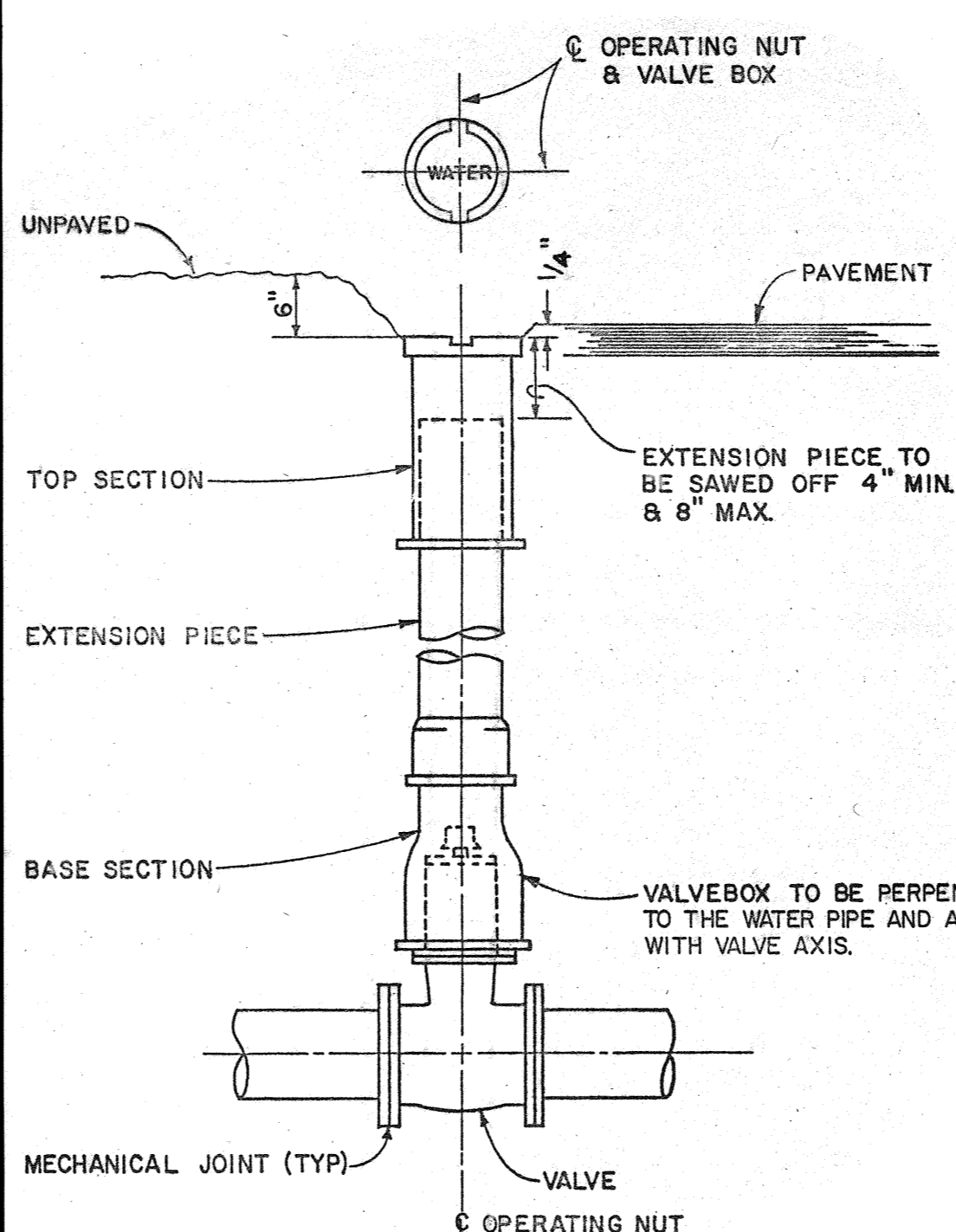
TYPICAL TRENCH SECTION

NTS



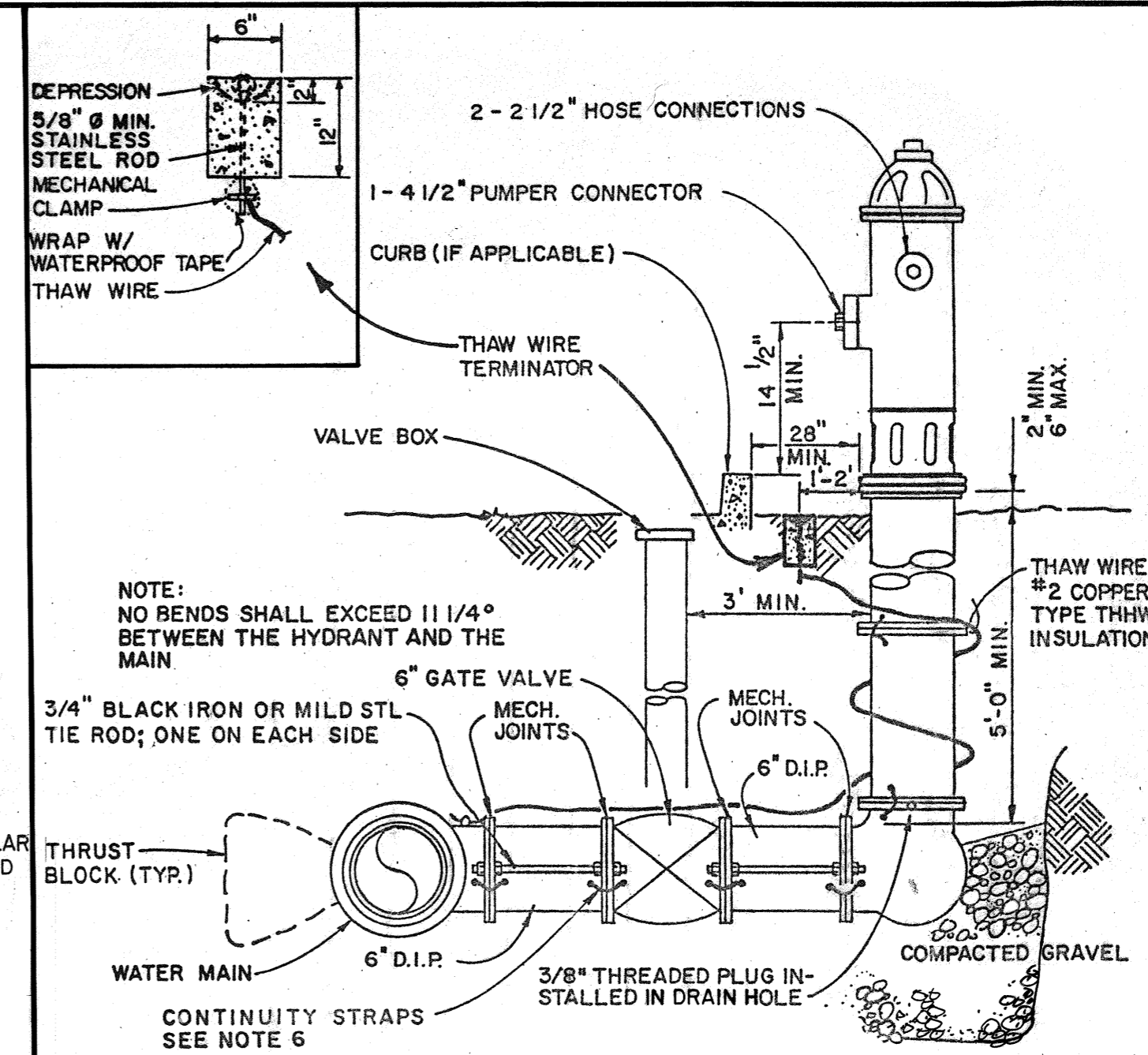
HYDRANT ACCESS PAD

NTS



TYPICAL VALVE BOX

NTS

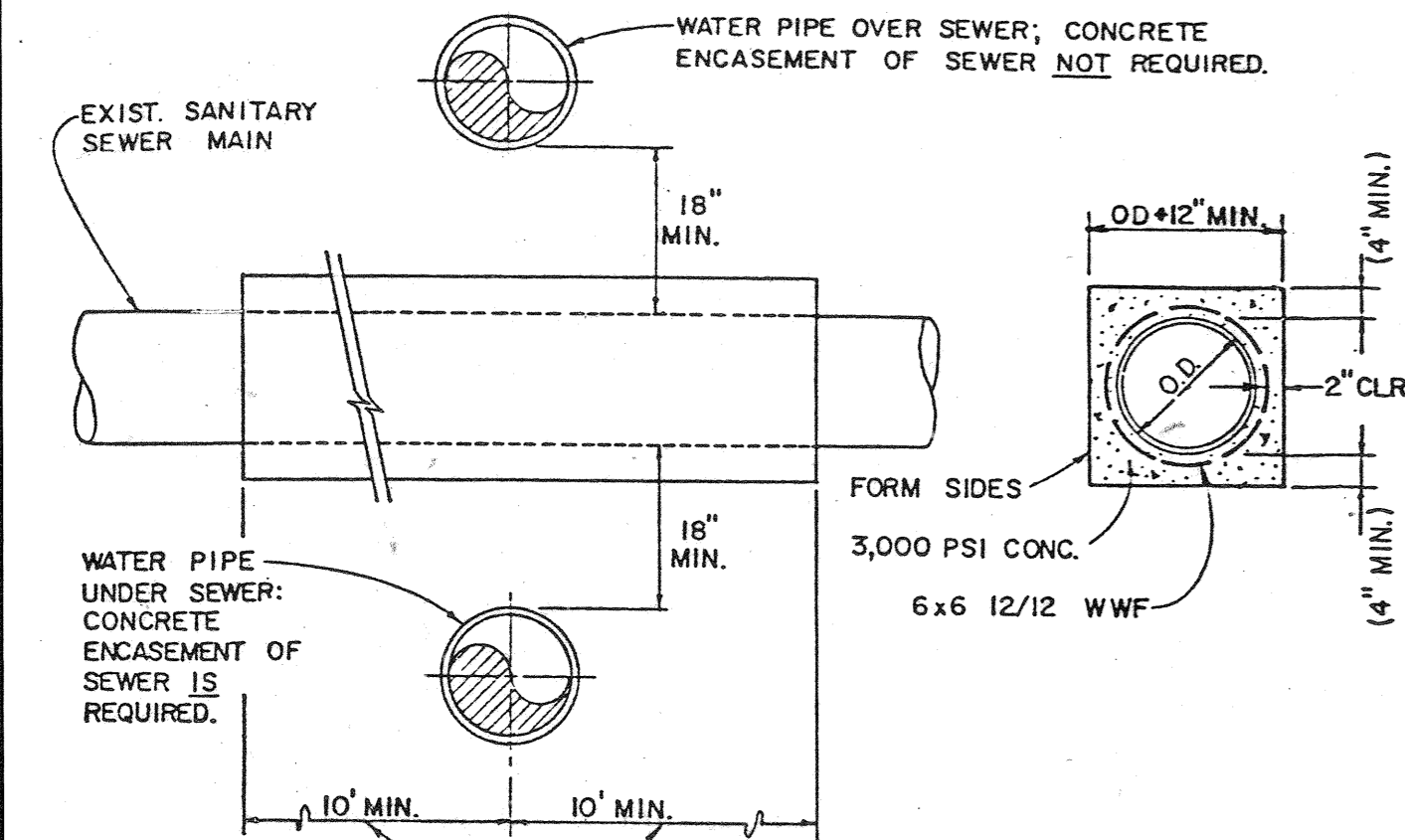


HYDRANT INSTALLATION NOTES

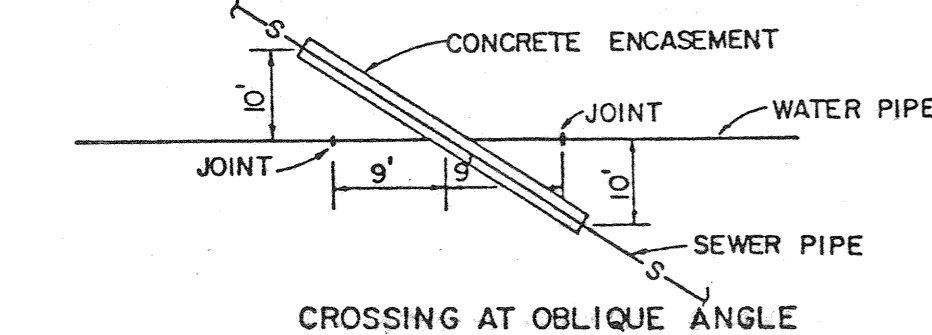
1. HYDRANT BARREL MUST BE PLUMB.
2. COVER TO BE 5' MIN. OR PIPE INSULATION INSTALLED PER DETAIL.
3. ALL HYDRANTS SHALL BE PAINTED CATERPILLER YELLOW.
4. VALVE BOX SHALL BE SITUATED OUTSIDE ANY DITCH SECTION; OR IN ACCESS PAD.
5. HYDRANT BARREL, JUST BELOW CAP, SHALL HAVE NO. OF FEET TO VALVE PRINTED IN BLACK 1/2" BLOCK LETTERS. ALL HYDRANTS WITH PLUG DRAINS SHALL HAVE A 6" BLUE BAND PAINTED BELOW PUMPER CONNECTION.
6. INSTALL CONTINUITY STRAPS BETWEEN ALL FIRE HYDRANT ASSEMBLY PIPE SPOOLS AND WATER MAIN. (#2 COPPER WIRE). REFER TO SPECIFICATIONS FOR DETAILS OF INSTALLATION.

FIRE HYDRANT

NTS

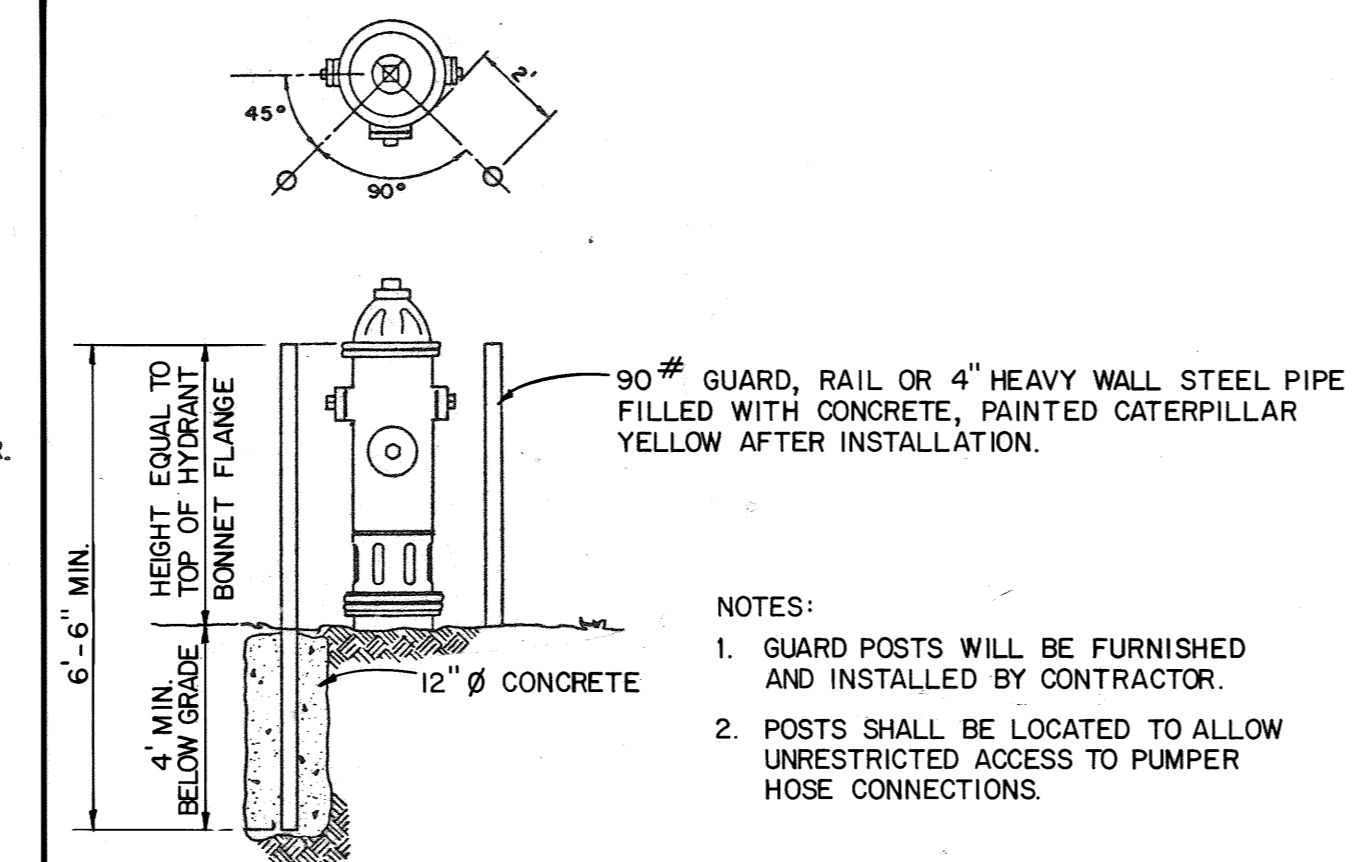


- NOTES:
1. THE MINIMUM COVER OVER THE WATER PIPE MAY BE REDUCED TO 3.5 FEET WITH THE ADDITION OF A 4-INCH THICKNESS OF PIPE INSULATION AND THE ENGINEER'S APPROVAL.
2. A FULL LENGTH OF WATER PIPE SHALL BE CENTERED ON THE SANITARY SEWER CROSSING.
3. THE TEN-FOOT MINIMUM SHALL BE MEASURED PERPENDICULAR TO THE WATER PIPE FOR AN OBLIQUE CROSSING.



SANITARY SEWER ENCASEMENT

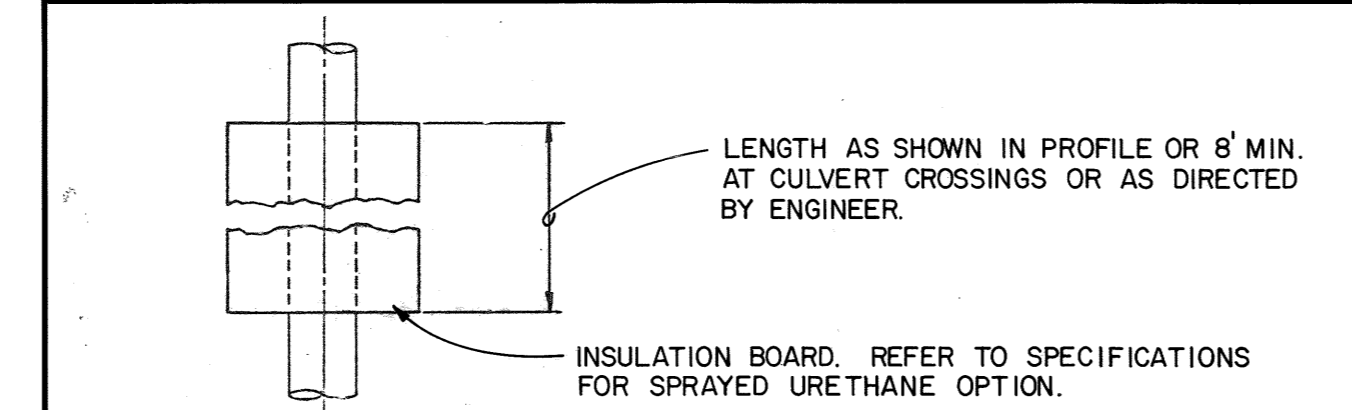
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HYDRANT GUARD POSTS

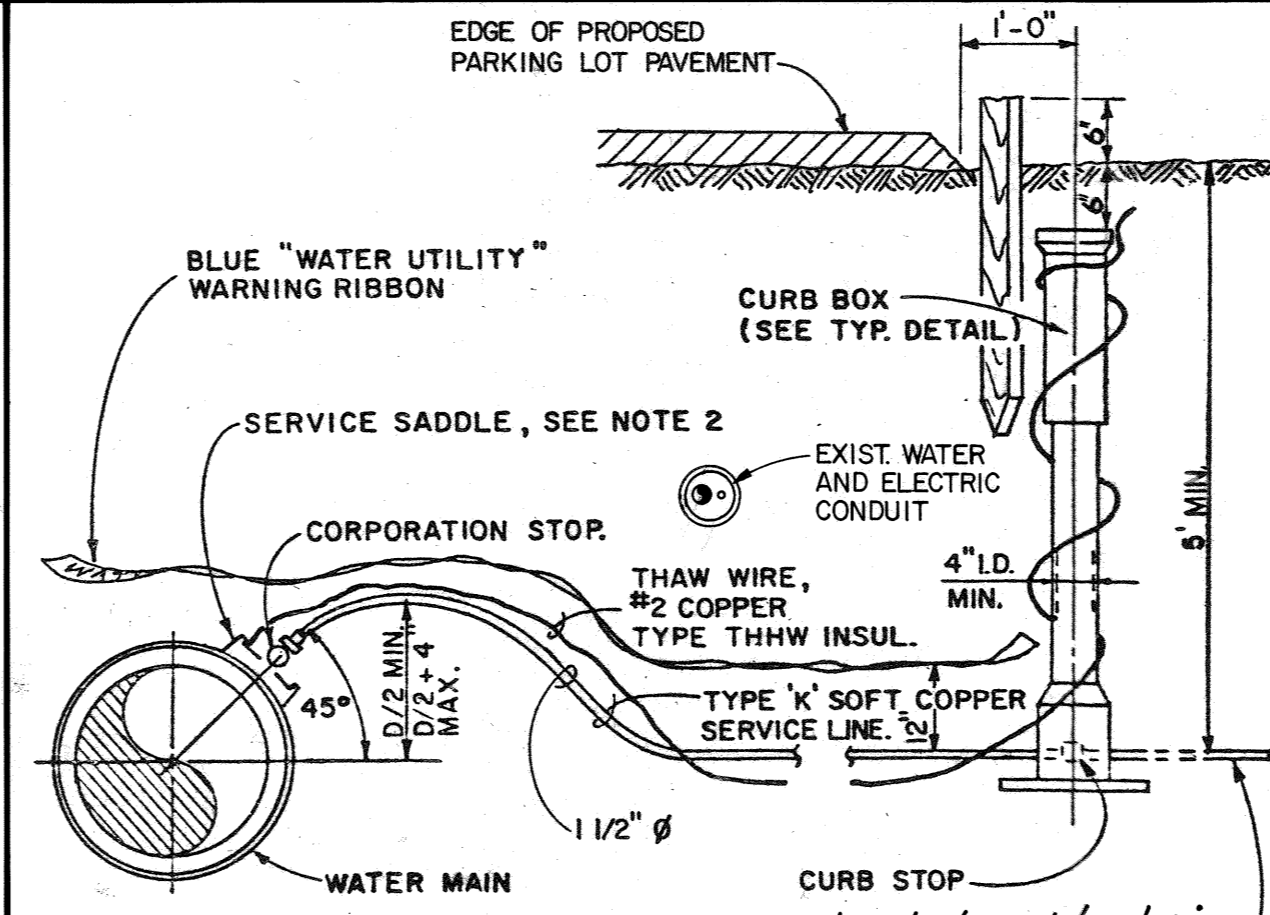
NTS

- NOTES:
1. GUARD POSTS WILL BE FURNISHED AND INSTALLED BY CONTRACTOR.
2. POSTS SHALL BE LOCATED TO ALLOW UNRESTRICTED ACCESS TO PUMPER HOSE CONNECTIONS.



PIPE INSULATION

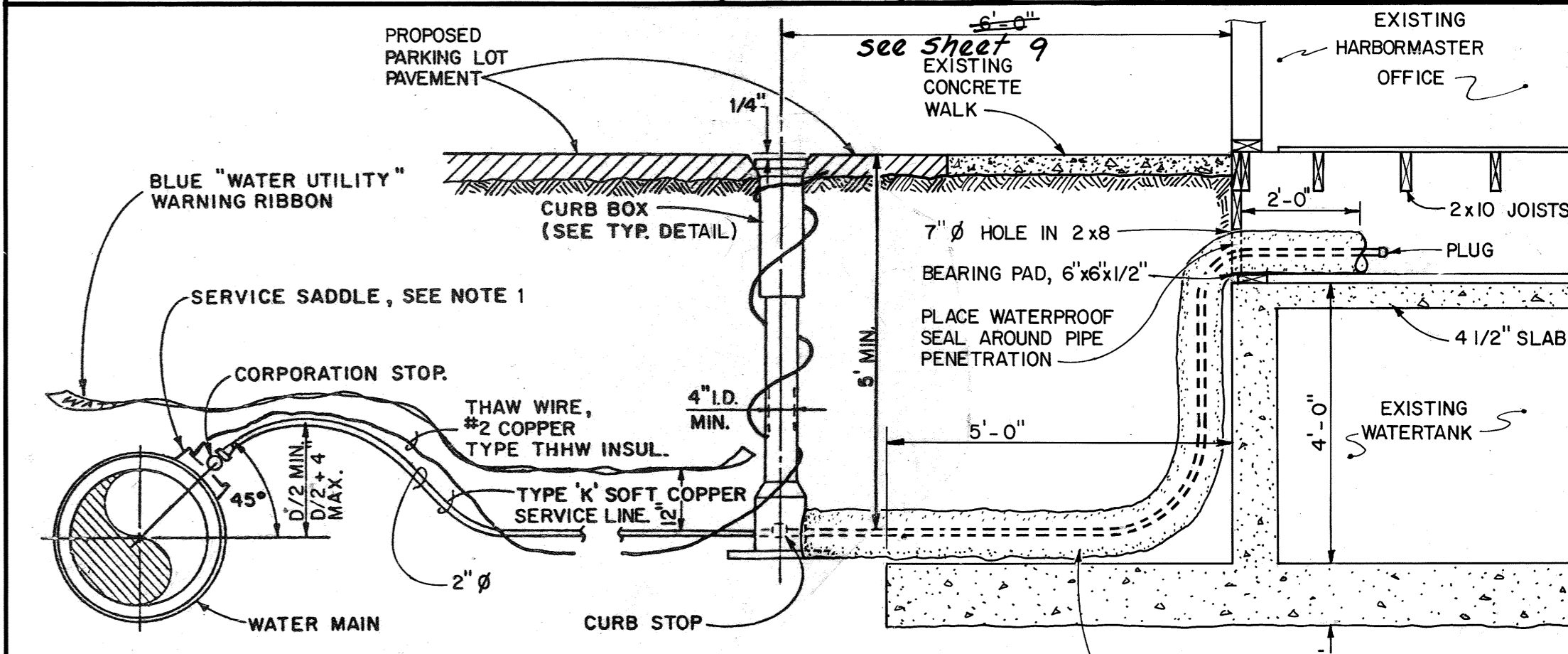
NTS



- NOTES:
1. AT CURB STOP, MARK FUTURE SERVICE WITH 2x4 POST (4'-0" LG.), PAINTED ORANGE.
2. SERVICE SADDLE SHALL BE A DOUBLE STRAP, IRON, I.P. THREAD ROCKWELL 3II OR APPROVED EQUAL.
3. COPPER TUBE CONNECTIONS SHALL BE FLARED UNIONS.
4. THAW WIRE SHALL BE CONNECTED TO THE SERVICE SADDLE TAKE-UP NUT WITH A SOLDERLESS LUG.

GRID WATER SERVICE CONNECTION

NTS



- NOTES:
1. WATER SERVICE SHALL BE CAPPED WITH SOLDERED COPPER PLUG.
2. SERVICE SADDLE SHALL BE A DOUBLE STRAP, IRON, I.P. THREAD ROCKWELL 3II OR APPROVED EQUAL.
3. COPPER TUBE CONNECTIONS SHALL BE FLARED UNIONS.
4. THAW WIRE SHALL BE CONNECTED TO THE SERVICE SADDLE TAKE-UP NUT WITH A SOLDERLESS LUG.

HARBORMASTER OFFICE WATER SERVICE CONNECTION

NTS

NOTES

1. THE WORKING PRESSURE OF THIS MAIN AND ITS APPURTENANCES IS 100 P.S.I.
2. SIZE OF THRUST BLOCKS SHALL BE AS INDICATED IN THE MINIMUM SIZE TABLE SHOWN ON STD DWG U-03.00 FOR 150 P.S.I. WATER PRESSURE.
3. THE HORIZONTAL AND VERTICAL ALIGNMENTS SHOWN ON THE PLAN AND PROFILE SHEETS, INDICATES THAT SOME CHANGES IN LINE AND GRADE MAY BE ACCOMPLISHED UTILIZING THE RECOMMENDED MAXIMUM DEFLECTION PER JOINT PER 18' LENGTH OF CONDUIT. IF THE SPECIFIED OR REQUIRED ALIGNMENTS REQUIRE DEFLECTIONS IN EXCESS OF THE MANUFACTURER'S LIMITS, THE CONTRACTOR SHALL, AS APPROVED, EITHER PROVIDE SPECIAL BENDS OR A SUFFICIENT NUMBER OF SHORTER LENGTHS OF CONDUIT TO PROVIDE THE SPECIFIED OR REQUIRED ALIGNMENTS.
4. ALL CURB STOPS AND CAPPED MAINS SHALL BE REFERENCED WITH HORIZONTAL AND VERTICAL TIES.
 - A. MAKE AT LEAST TWO HORIZONTAL SWING TIES FROM PERMANENT OBJECTS THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION IS COMPLETE. INDICATE HORIZONTAL TIES TO THE NEAREST TENTH OF A FOOT.
 - B. VERTICAL TIES SHALL ALSO BE INDICATED TO THE NEAREST TENTH OF A FOOT AND BE ON THE PROJECT DATUM.
 - C. ALL TIES SHALL BE SHOWN ON THE PROJECT "AS-BUILTS."
 - D. ALL PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 114(1).
5. ALL TREATED AND UNTREATED TIMBER REQUIRED TO COMPLETE THE WATER SYSTEM SHALL BE CONSIDERED INCIDENTAL TO SECTION 628.
6. THE CONTRACTOR SHALL BLOCK ALL PLUGGED CONDUIT ENDS PRIOR TO TESTING ANY SECTION OF CONDUIT.
7. EXISTING UNDERGROUND UTILITIES SHALL REMAIN IN PLACE AND IN SERVICE THROUGHOUT CONSTRUCTION OF THIS PROJECT.

QUADRA ENGINEERING, INC.
712 WEST 12th ST. - JUNEAU, AK 99801
(907) 586-4447

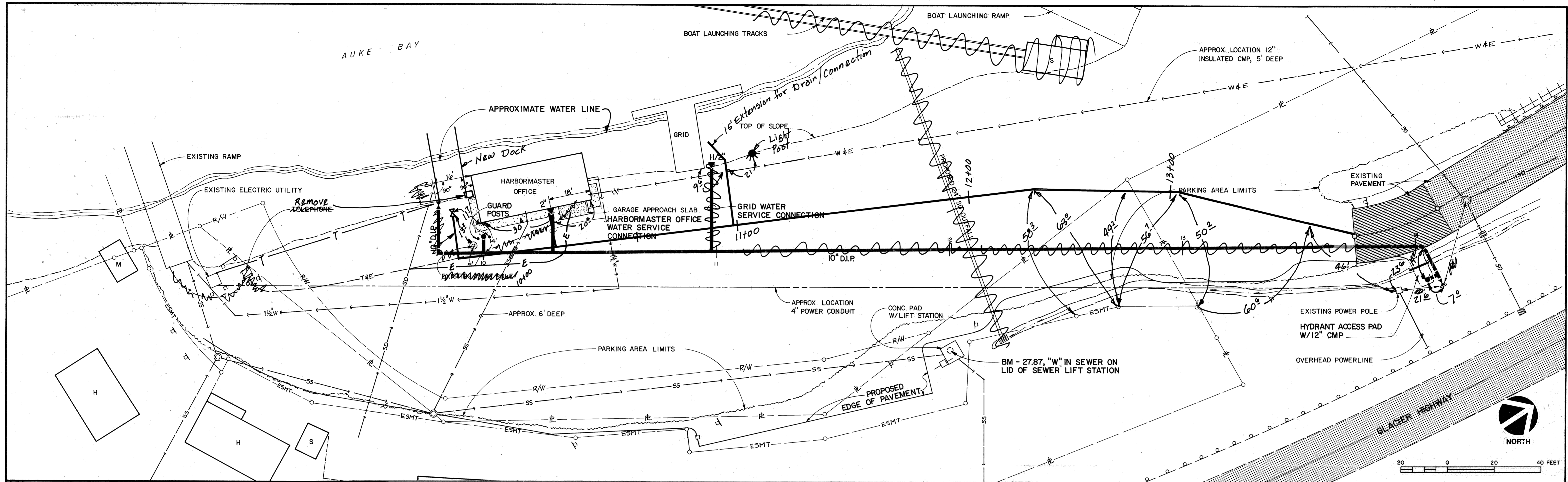
DRAWN DESIGNED CA CHECKED HTA DATE NOV, 1985 PROJECT NO. 4-110.08

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

Auke Bay Alaska

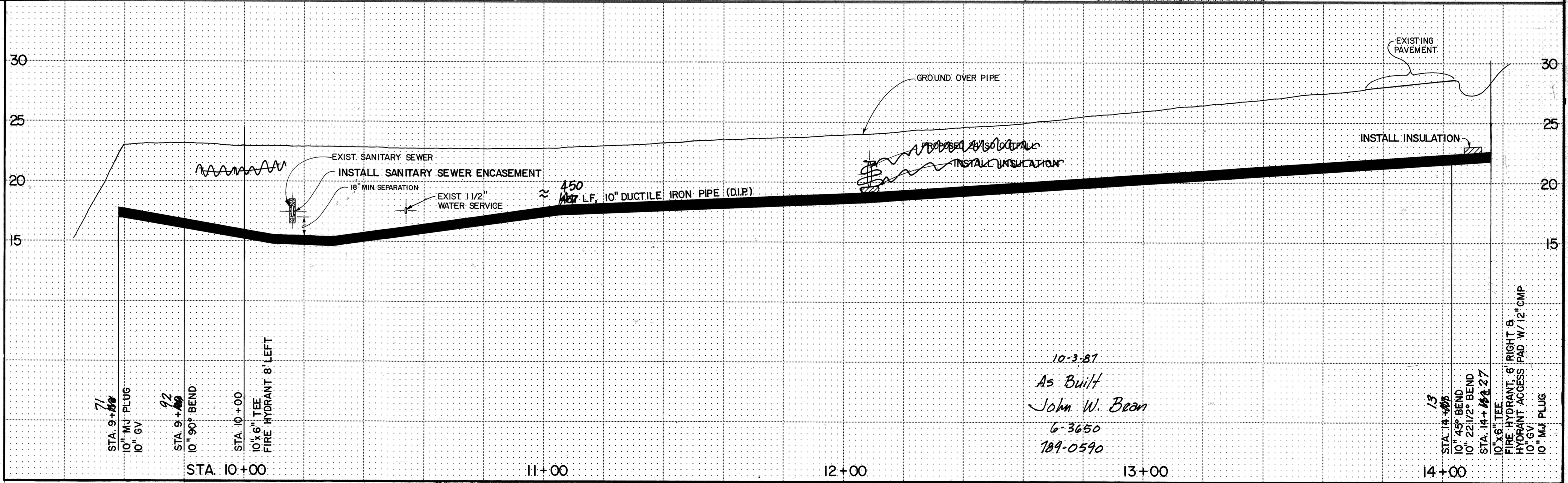
WATER SYSTEM DETAILS

DESIGNED _____ CHECKED JDB DRAWN _____ DATE 3-86
PROJECT NUMBER 69105 & 69106 SHEET 8 OF 13

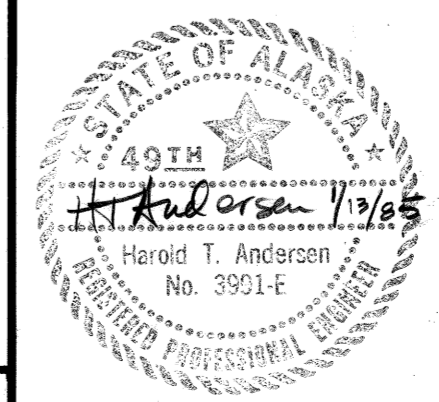


LEGEND

- | | | | |
|--|---|--|---|
| | NEW CONSTRUCTION | | EXISTING |
| | WATER MAIN (STATIONING ON CENTERLINE OF PIPE) | | WATER VALVE |
| | FIRE HYDRANT | | WATER SERVICE CONNECTION |
| | CULVERT (SIZE NOTED) | | PLUG |
| | SANITARY SEWER | | SANITARY SEWER CROSSING W/CONCRETE ENCASEMENT |
| | STORM DRAIN MANHOLE | | POLE (TELEPHONE, POWER, LIGHTING) |
| | CATCH BASIN | | UNDERGROUND UTILITY (STORM DRAIN, SANITARY SEWER) |
| | UNDERGROUND TELEPHONE CABLE | | EXISTING PAVEMENT |
| | EXISTING PAVEMENT TO BE REPLACED | | TRAVELED WAY |
| | CONCRETE | | RIGHT OF WAY, PROPERTY LINE, EASEMENT |
| | DITCH | | GUARDRAIL |
| | HOUSE OR STRUCTURE | | SIGN & POST |
| | POWER CONDUIT | | |

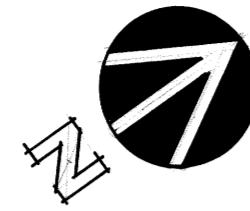


10-3-81
As Built
John W. Bean
6-3650
189-0590



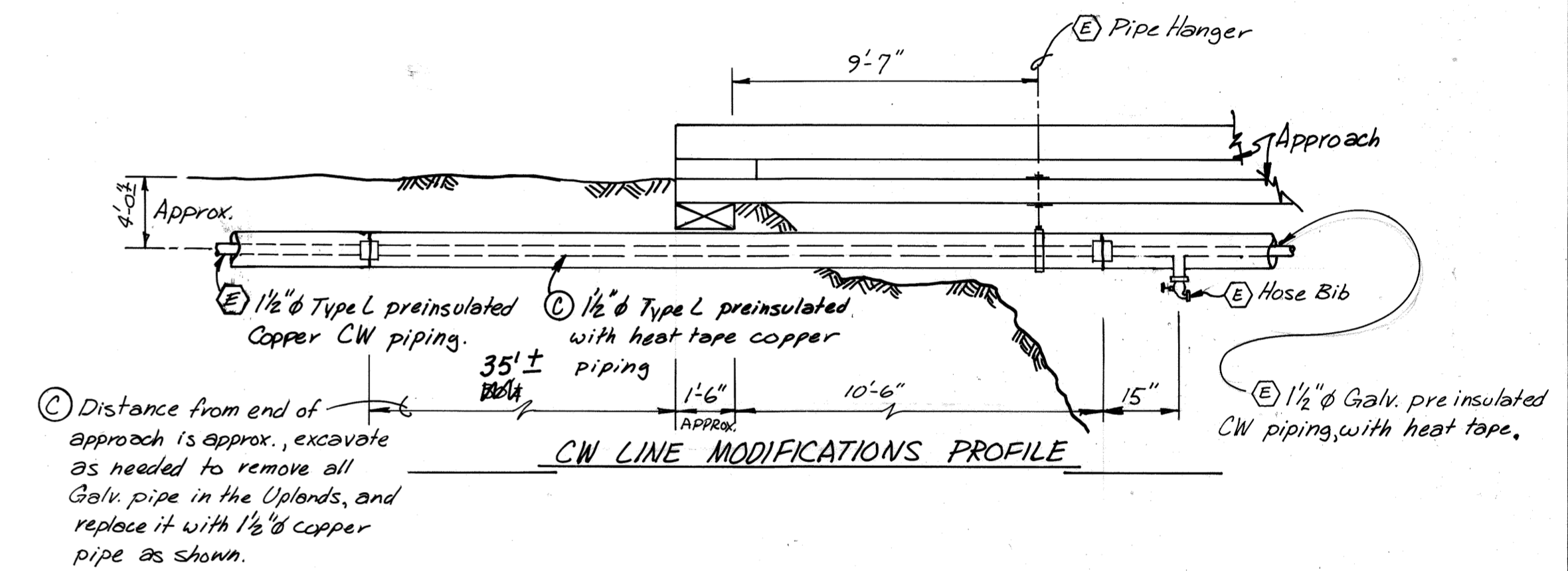
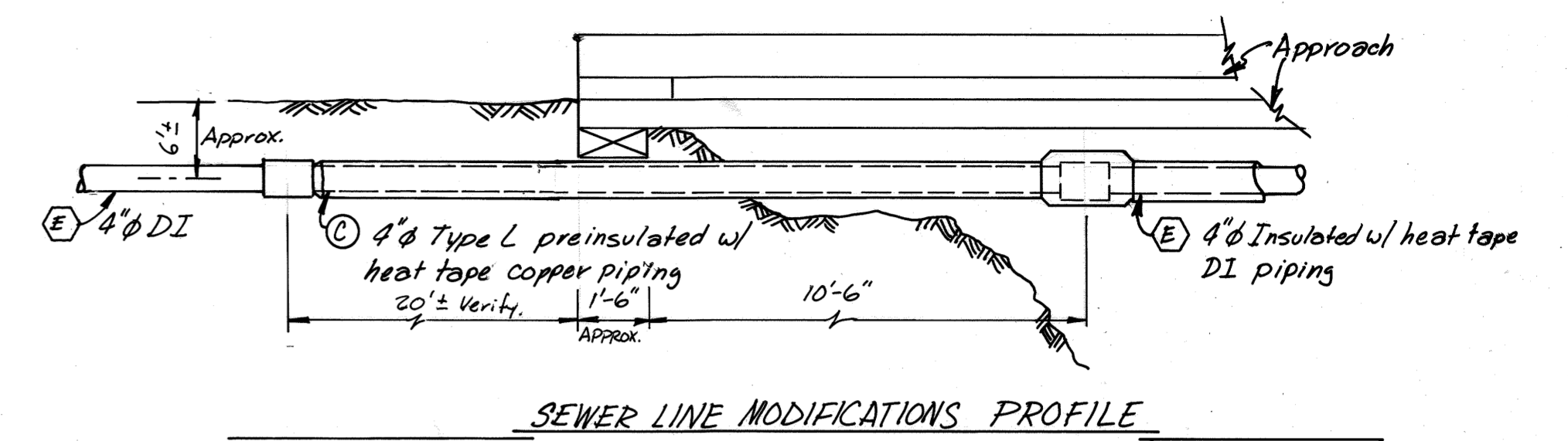
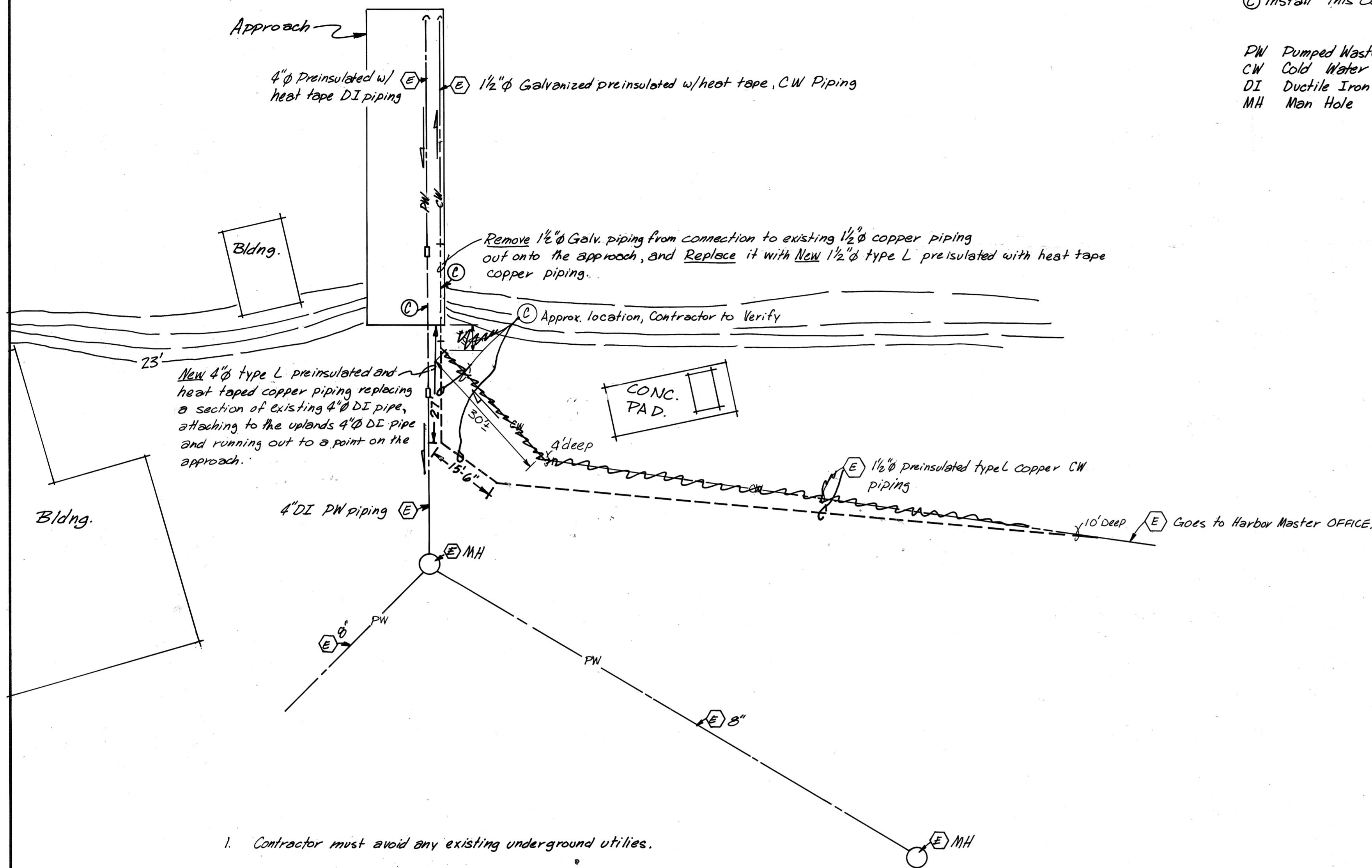
DRAWN CF DESIGNED CA CHECKED HTA DATE NOV, 1985 PROJECT NO. 4-110.08

DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
Auks Bay		Alaska	
WATER SYSTEM LAYOUT			
DESIGNED	CHECKED <i>JDB</i>	DRAWN	DATE <i>3-86</i>
PROJECT NUMBER <i>67105-69106</i>	SHEET <i>9</i> OF <i>13</i>		



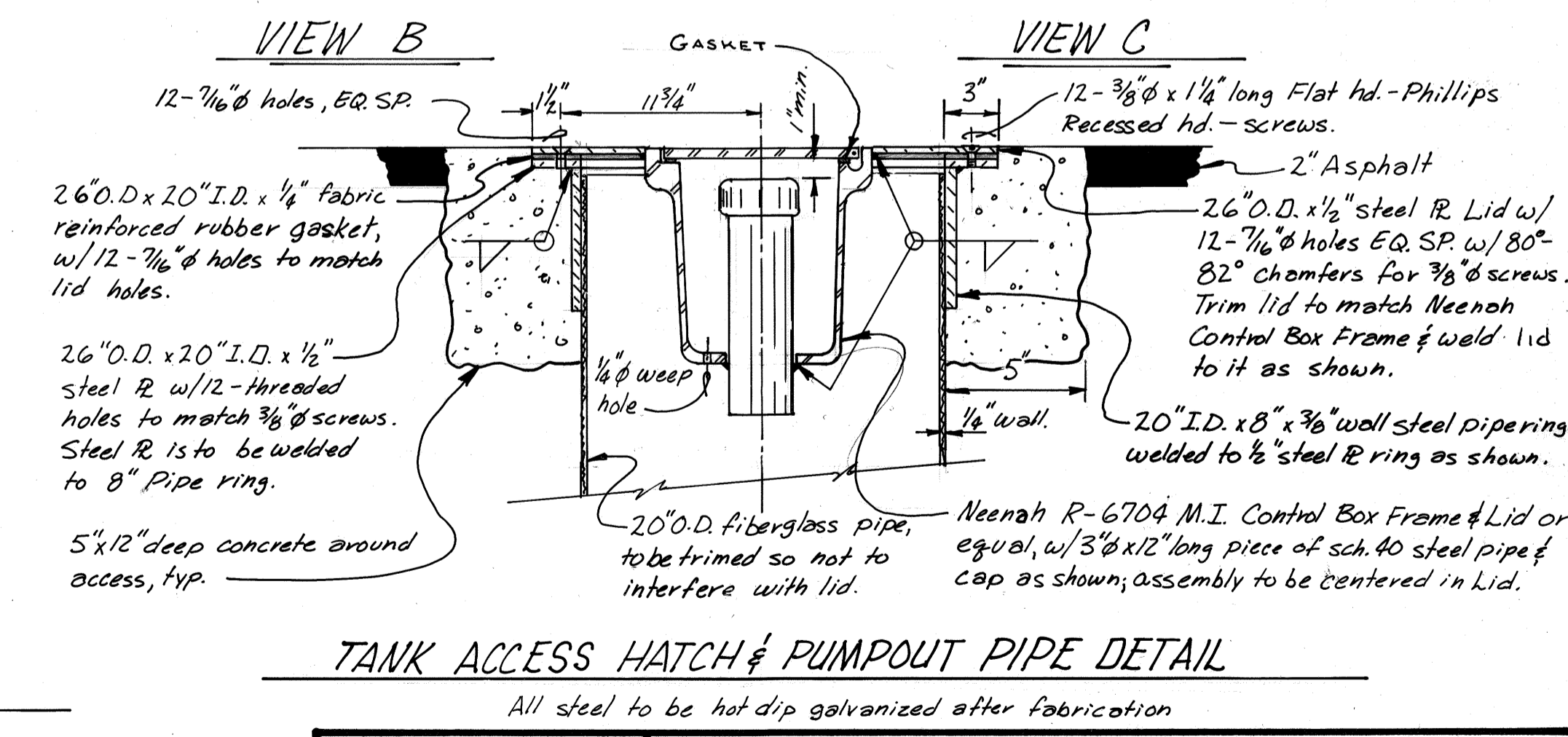
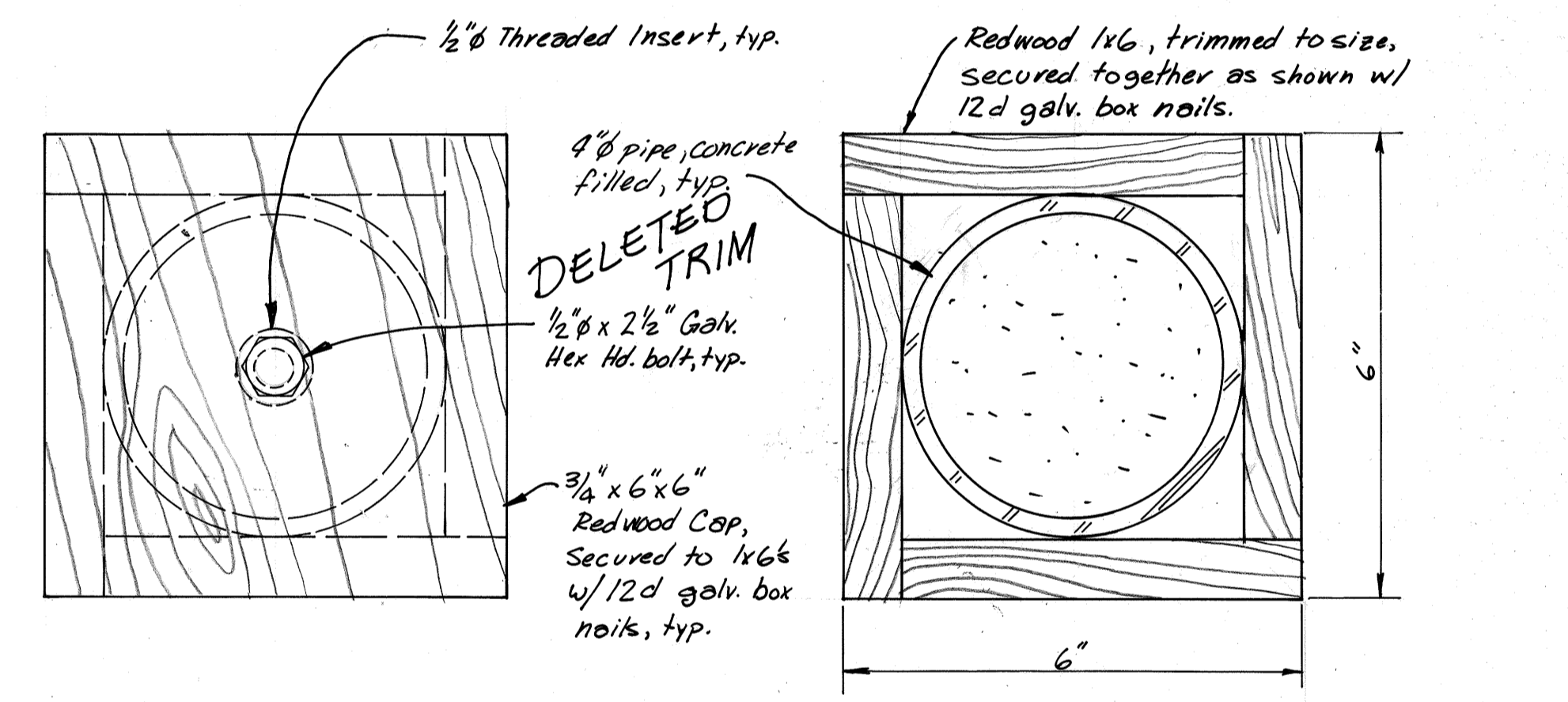
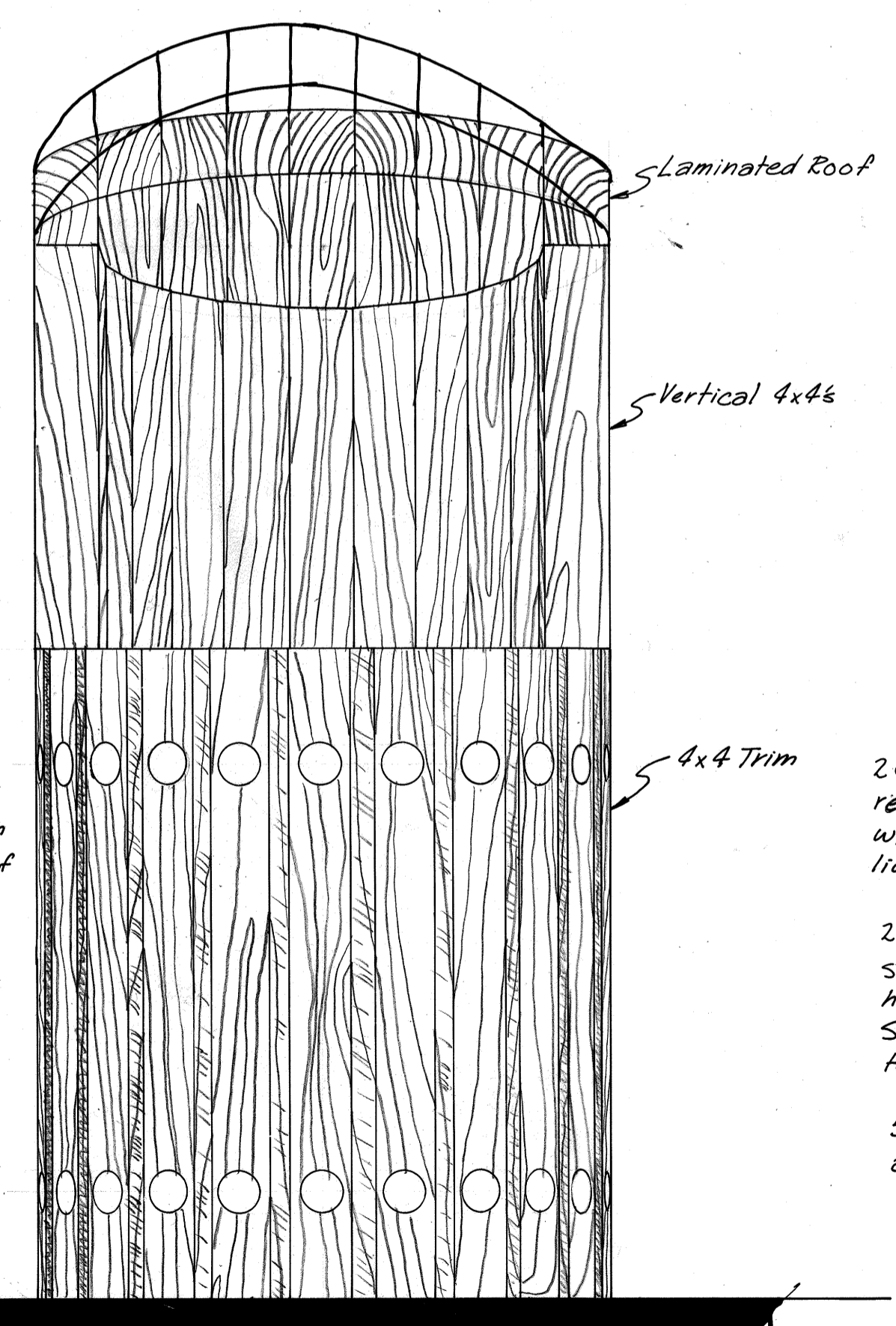
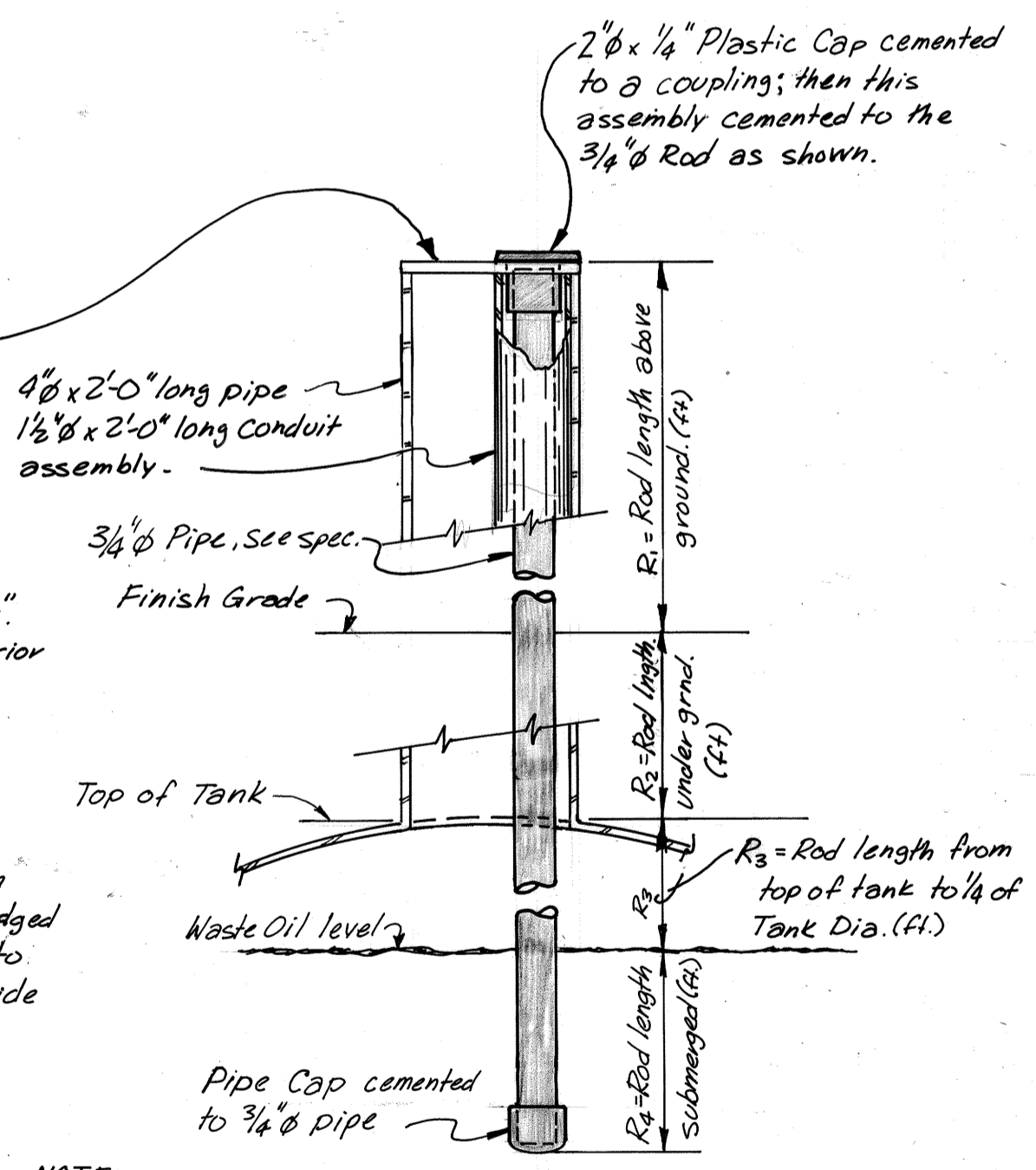
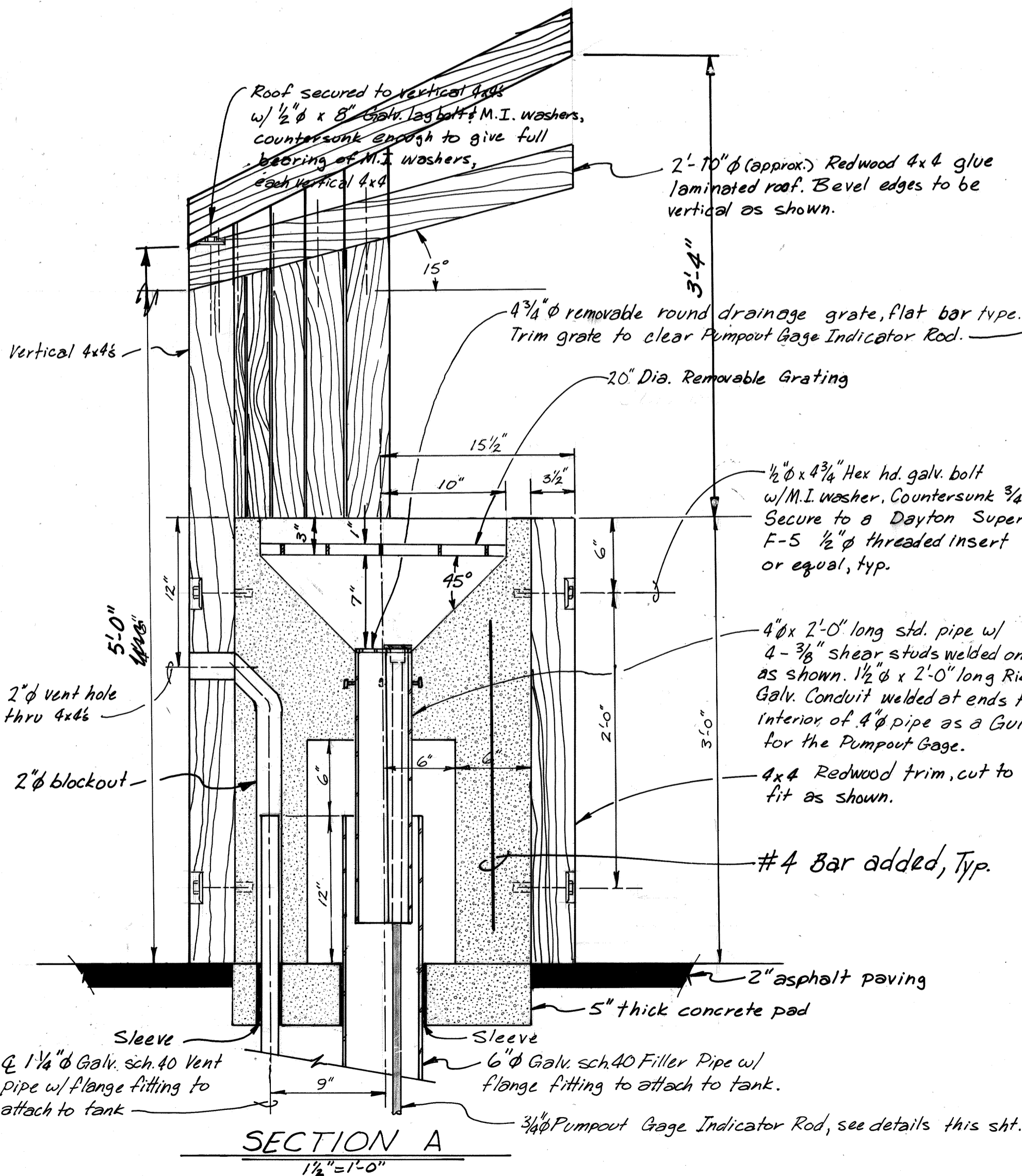
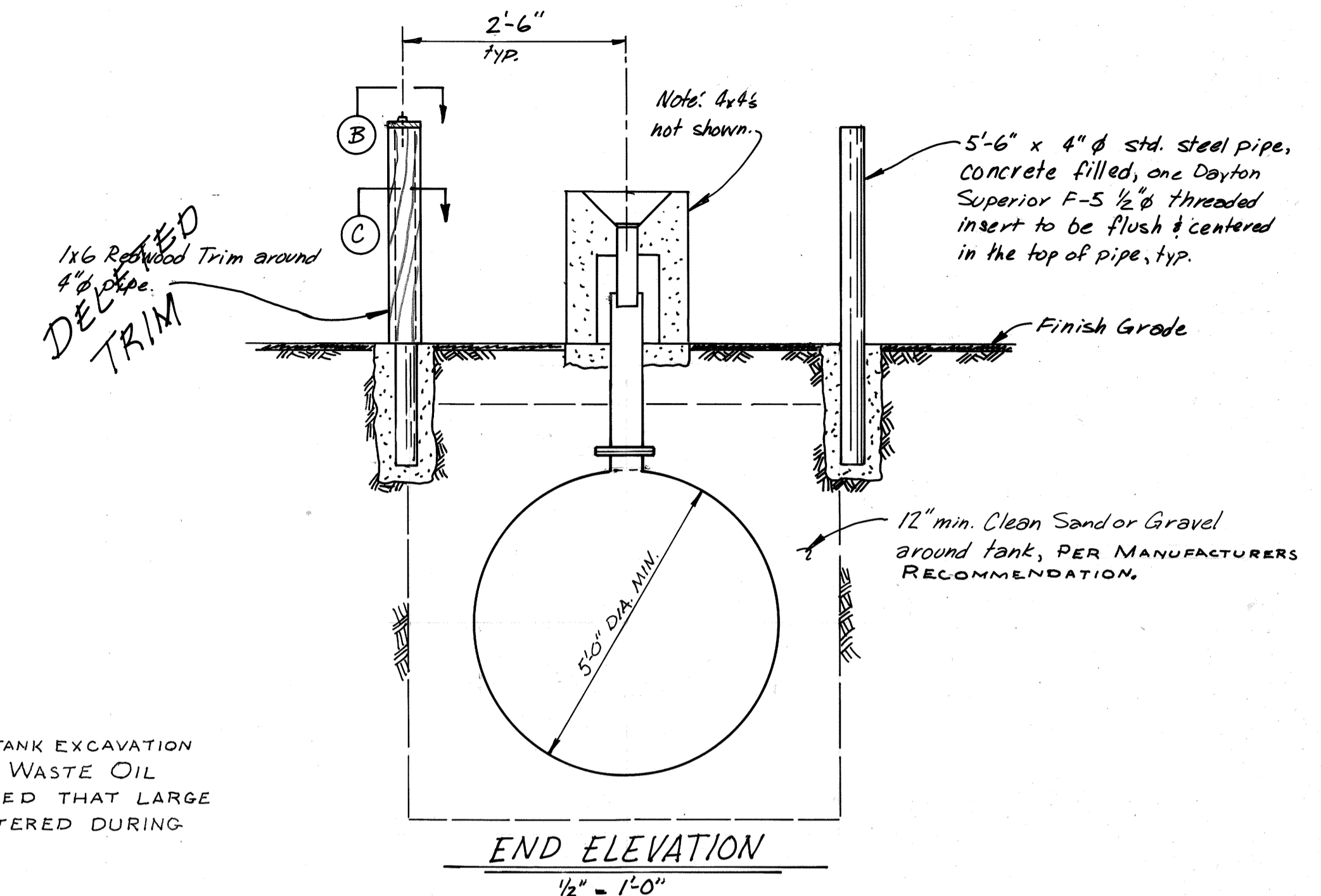
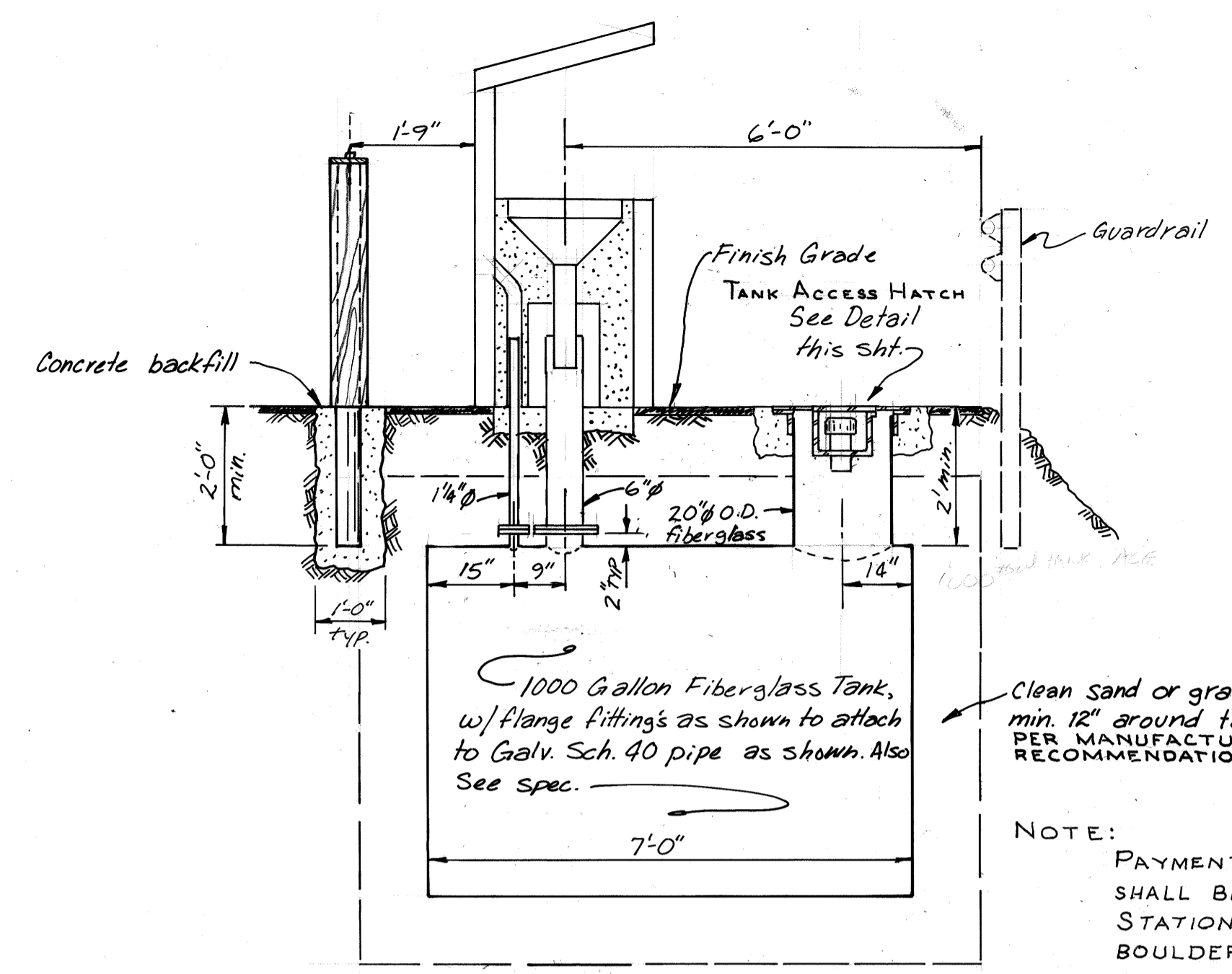
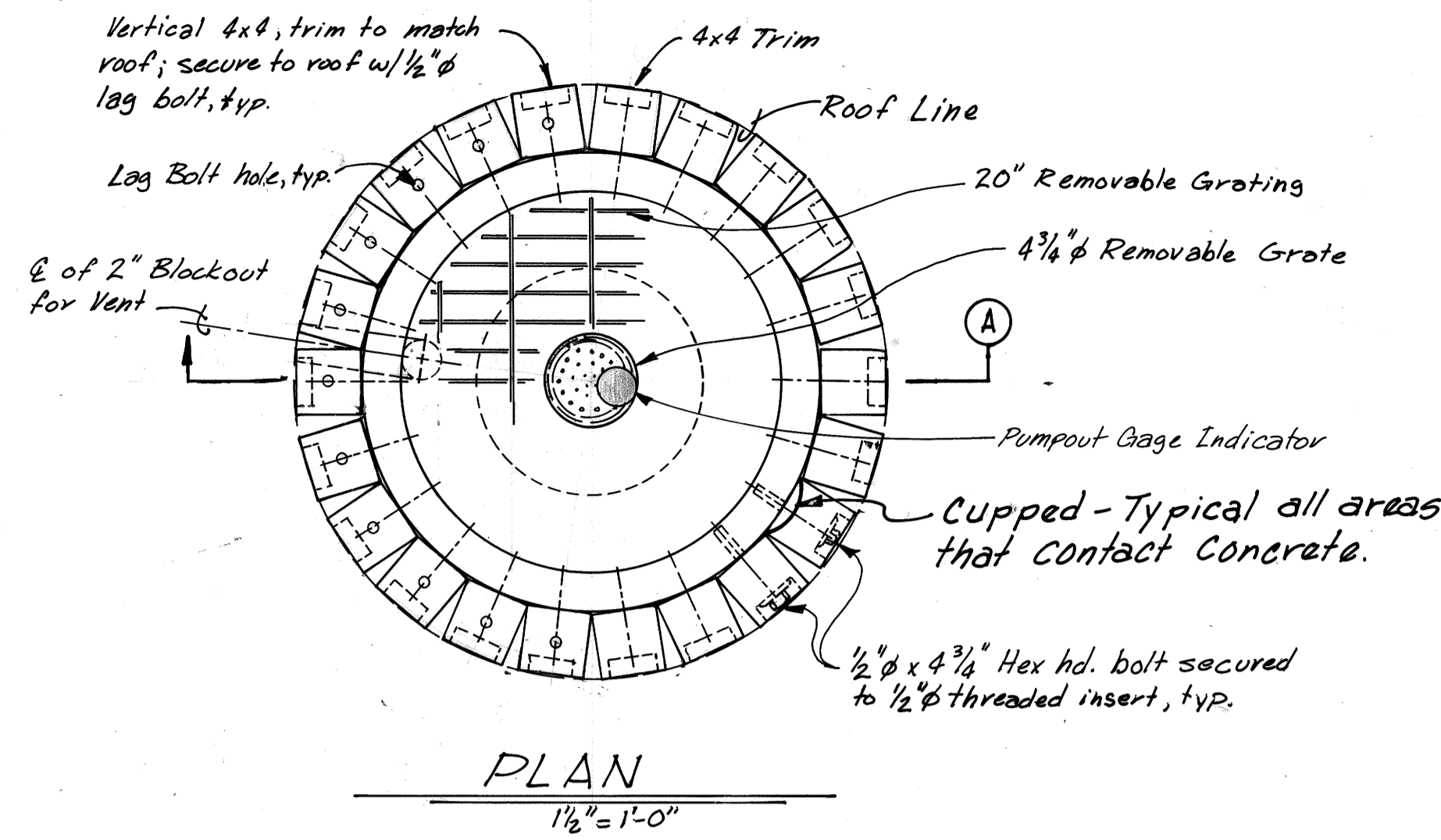
LEGEND
 (E) Existing
 (C) Install this Contract

PW Pumped Waste
 CW Cold Water
 DI Ductile Iron
 MH Man Hole



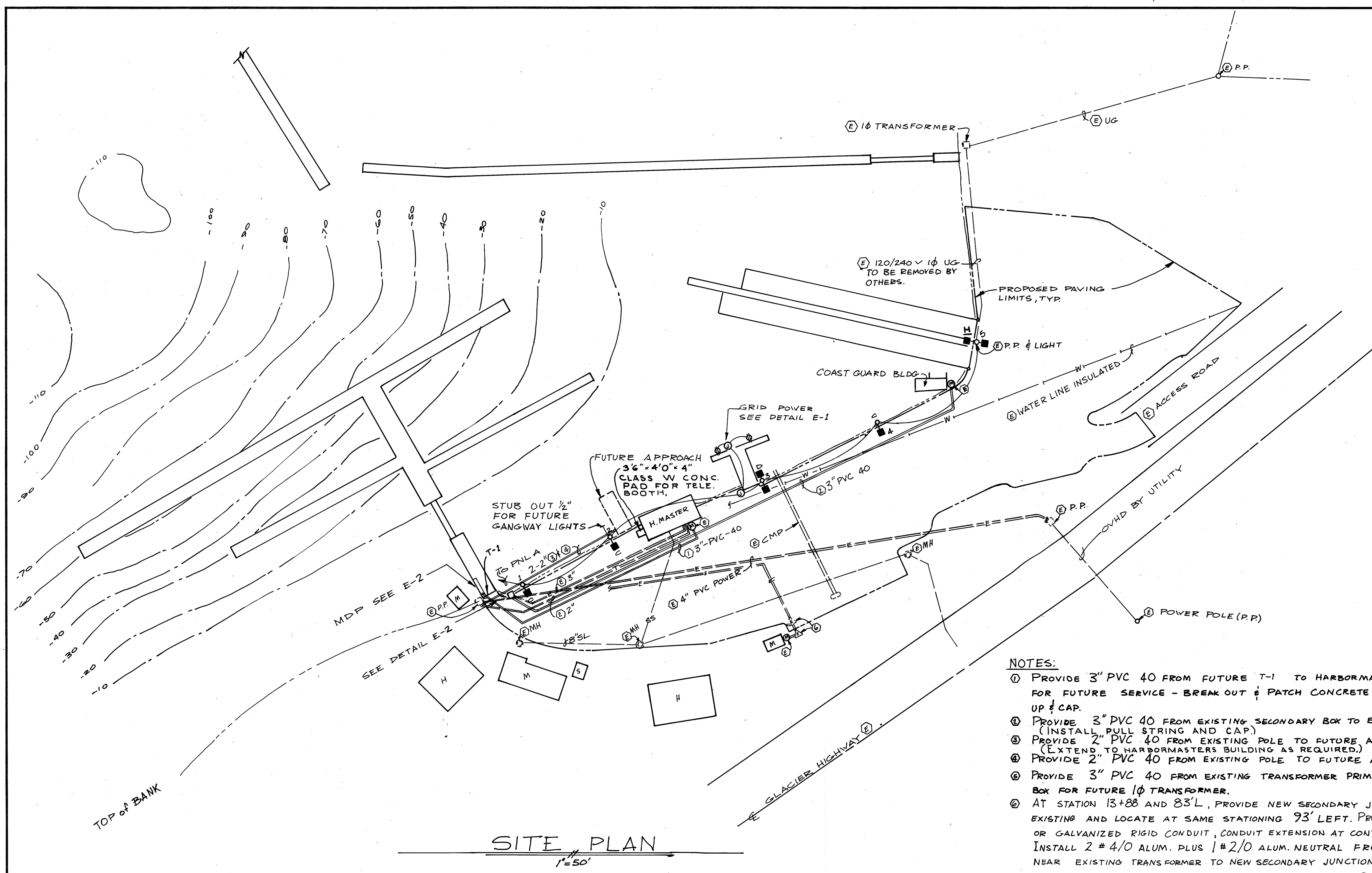
1. Contractor must avoid any existing underground utilities.
2. New materials to be supplied by the contractor
3. New piping to be tested for leakage prior to backfill & approved by Engineer.
4. All new work is to be flushed & chlorinated in accordance with specs.
5. All joints shall be soldered with 95/5 solder as per spec.
6. All joints to be water tight.
7. Contractor to verify which is water & which is sewer line in area at head of approach.

STAMP		DO NOT SCALE THIS DRAWING - USE DIMENSIONS	
		STATE OF ALASKA	
		DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
		Alaska Bay	Alaska
WATER & SEWER LINE MODIFICATIONS			
DESIGNED _____	CHECKED <u>JDB</u>	DRAWN <u>DJM</u>	DATE <u>3-86</u>
PROJECT NUMBER <u>69105 & 69106</u>	SHEET <u>10</u> OF <u>13</u>		



D for DCW
11/8/87

STAMP	DO NOT SCALE THIS DRAWING - USE DIMENSIONS		
	STATE OF ALASKA		
	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES		
	AUKE BAY	ALASKA	
WASTE OIL STATION			
DESIGNED <i>DJM</i>	CHECKED <i>JDB</i>	DRAWN <i>DJM</i>	DATE <i>3-86</i>
PROJECT NUMBER <i>69105 & 69106</i>	SHEET <i>11</i>		OF <i>13</i>

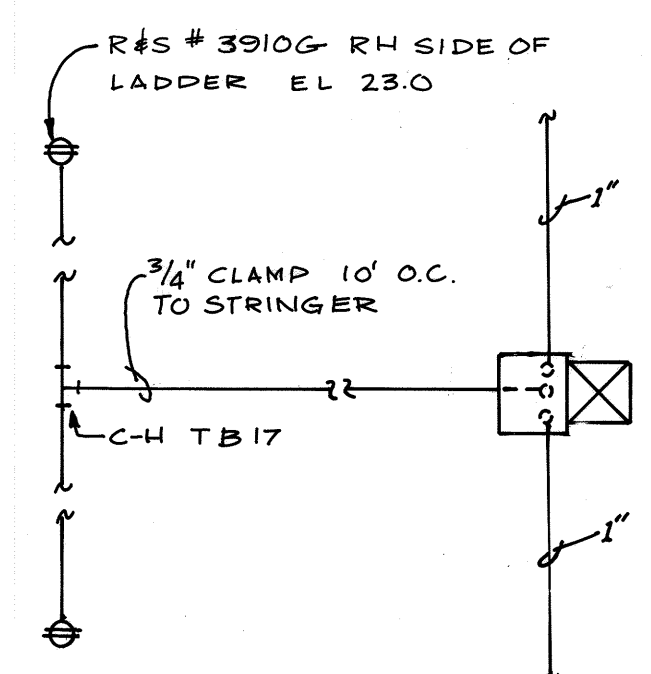


SITE PLAN
1"=50'

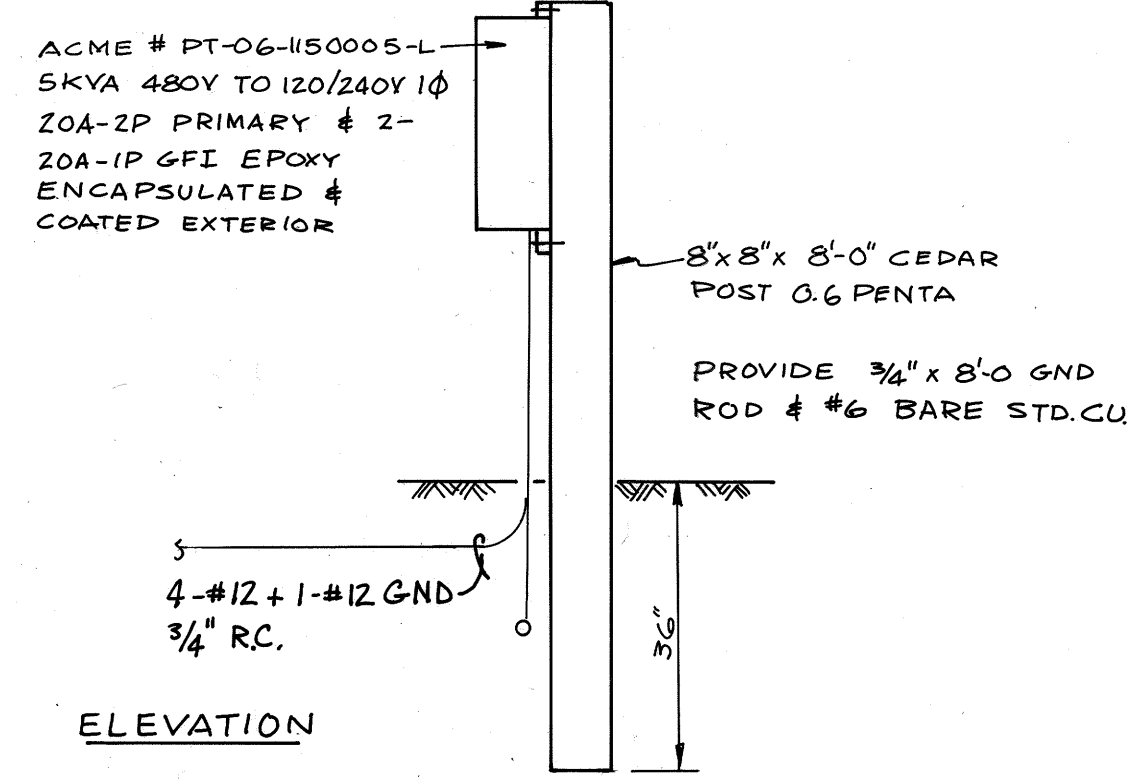
NOTES:

- 1 Provide 3" PVC 40 from future T-1 to Harbor Master Office for future service - break out & patch concrete apron & stub up & cap.
- 2 Provide 3" PVC 40 from existing secondary box to exist. Coast Guard Bldg. (INSTALL PULL STRING AND CAP)
- 3 Provide 2" PVC 40 from existing pole to future approach for telephone. (EXTEND TO HARBORMASTERS BUILDING AS REQUIRED.)
- 4 Provide 2" PVC 40 from existing pole to future approach for CATV.
- 5 Provide 3" PVC 40 from existing transformer primary to secondary box for future 10 transformer.
- 6 AT STATION 13+88 AND 83'L, PROVIDE NEW SECONDARY JUNCTION BOX SIMILAR TO EXISTING AND LOCATE AT SAME STATIONING 93' LEFT. PROVIDE EITHER 3" PVC 40 OR GALVANIZED RIGID CONDUIT, CONDUIT EXTENSION AT CONTRACTOR'S OPTION. INSTALL 2 #4/0 ALUM. PLUS 1 #2/0 ALUM. NEUTRAL FROM SECONDARY JUNCTION NEAR EXISTING TRANSFORMER TO NEW SECONDARY JUNCTION. ADJUST EXISTING SECONDARY RUN TO METER AT ADJACENT BUILDING AS REQUIRED.

FIXTURE SCHEDULE				
TYPE	MFG	W	HPS	REMARKS
C	McPHILBEN 17RA64-DB-277-ID/25SNL603 MOD	1-250	HPS	SEE DETAIL E-1
D	" 17RA64-DB-277-2D/25SNL603 MOD	2-250	HPS	" " E-1
H	" 17RA64-DB-277-2D/	2-250	HPS	" " E-1, ON WOOD POLE

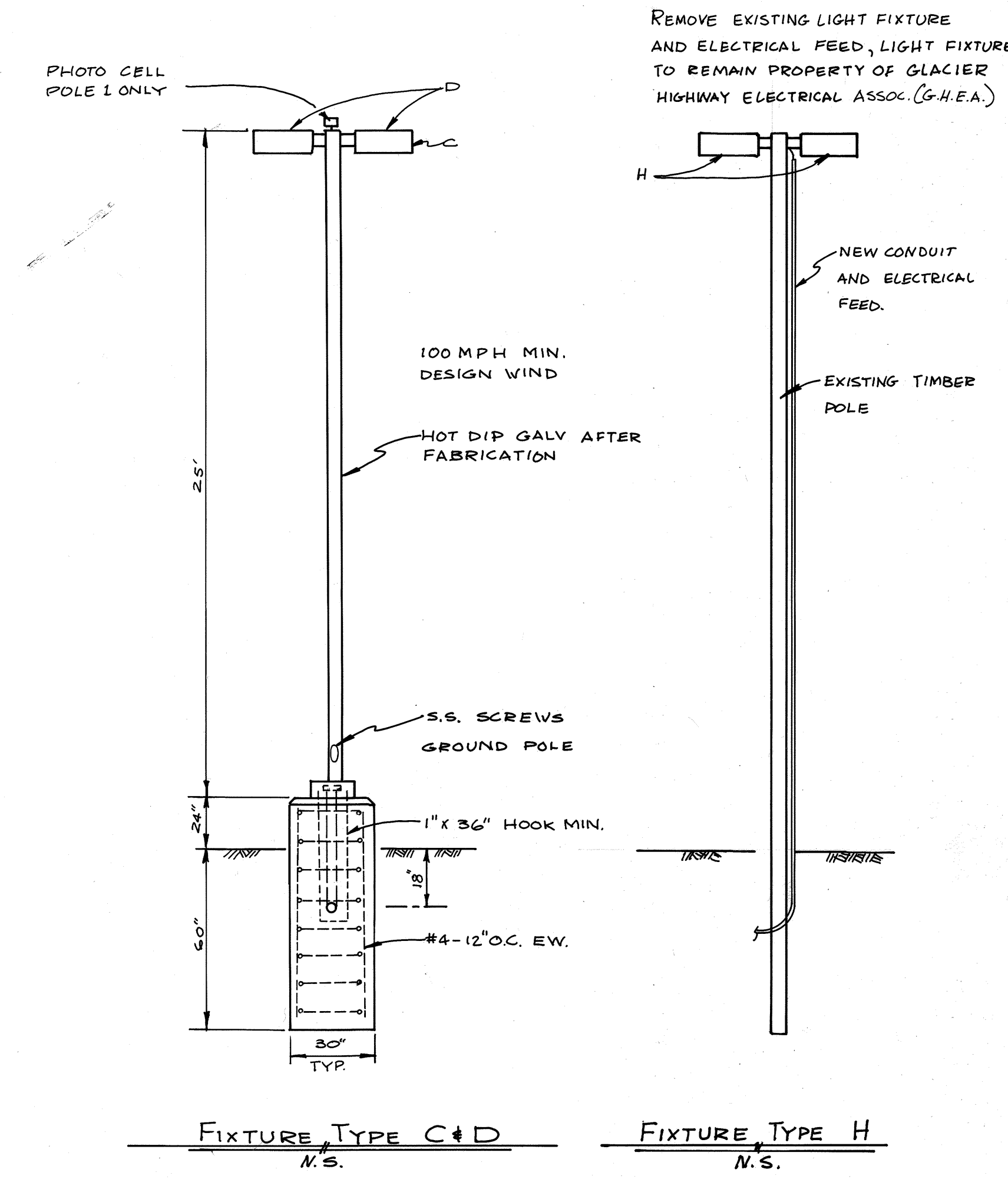


PLAN



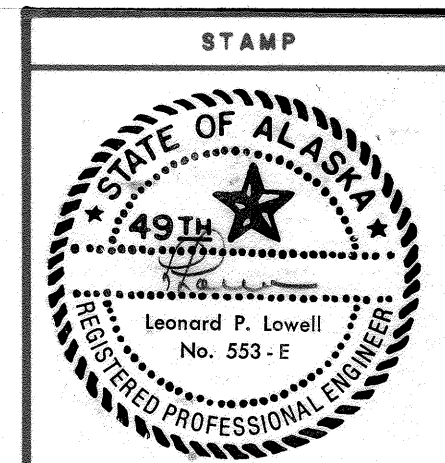
ELEVATION

GRID POWER



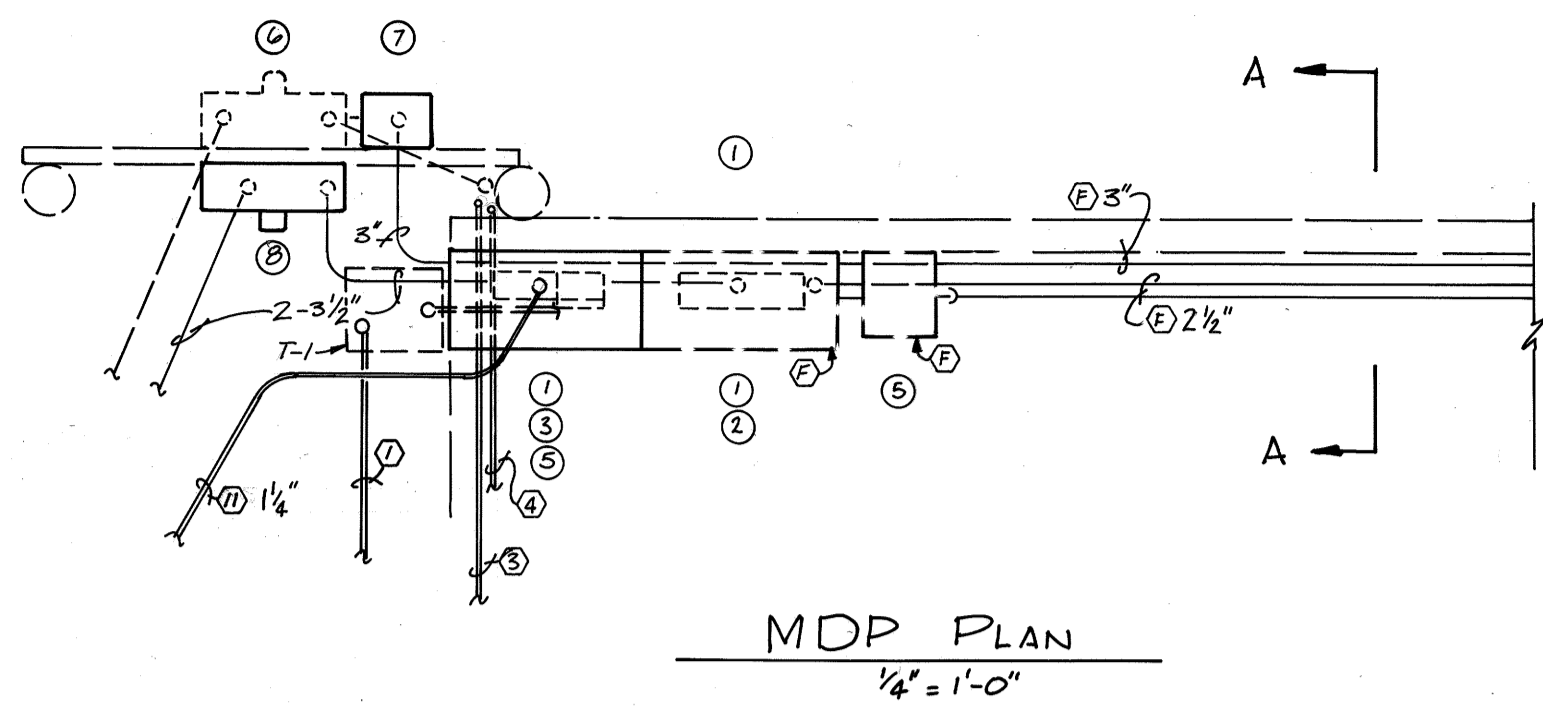
LEGEND

- ⊕ RECEPTACLE
- ⊙ JUNCTION
- Ⓧ EXISTING
- Ⓨ FUTURE
- LIGHT FIXTURE, SINGLE
- ⊞ LIGHT FIXTURE, DOUBLE
- ⊙ METER

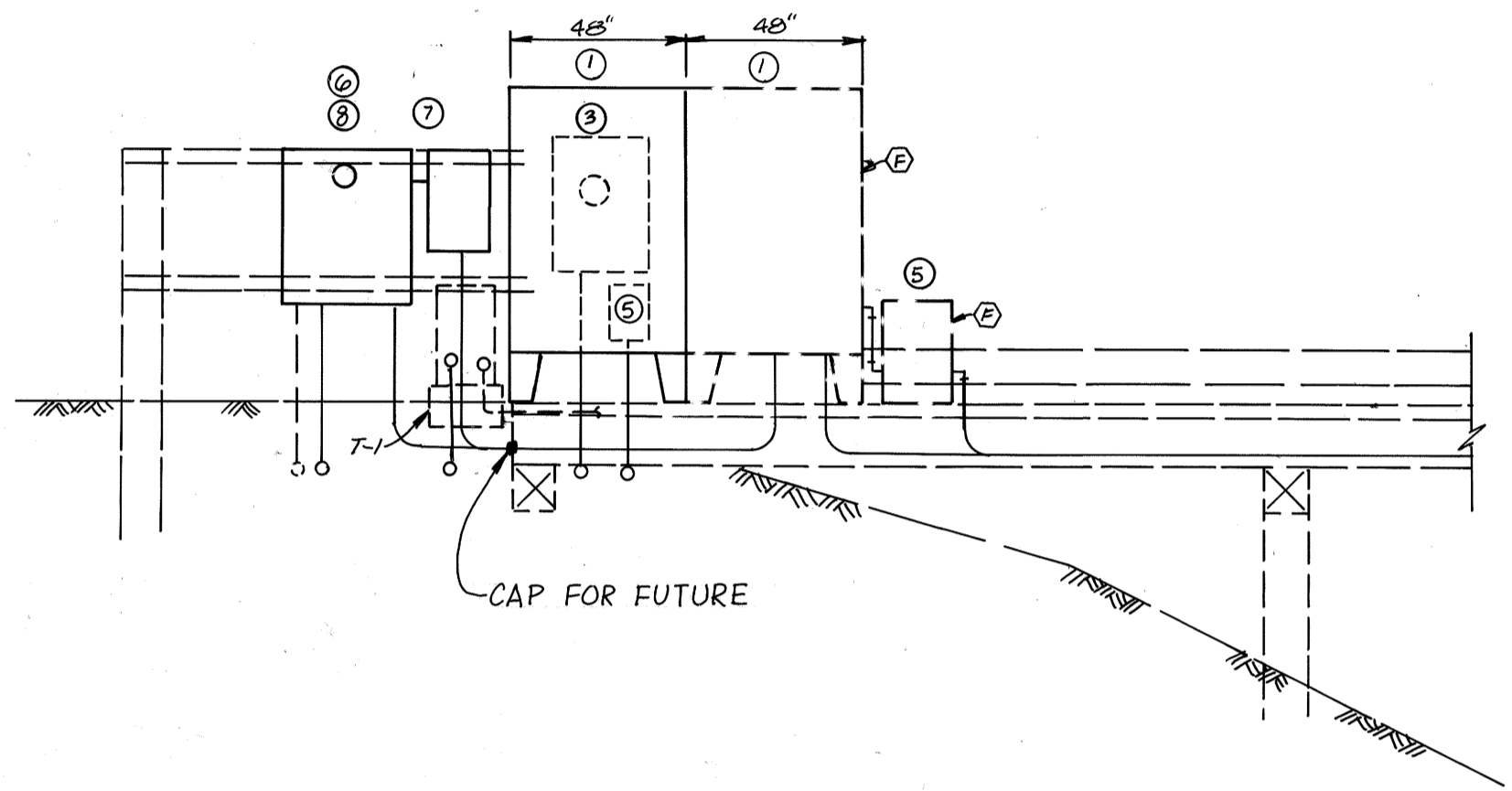


DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
AUKE BAY		ALASKA	
ELECTRICAL PLAN			
DESIGNED LPL	CHECKED _____	DRAWN PJM	DATE 3-86
PROJECT NUMBER 69105 & 69106	SHEET 12		OF 13

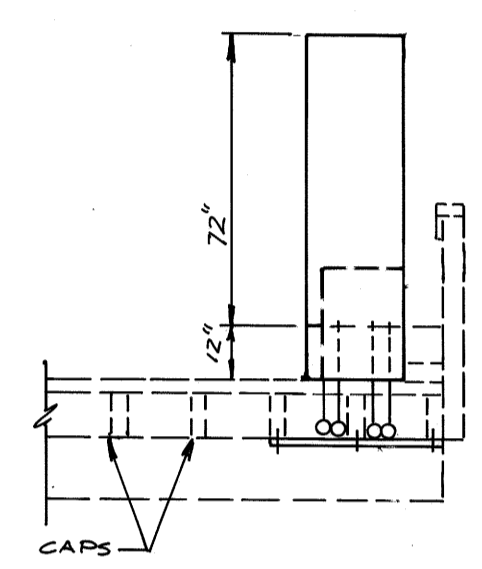
E-1



MDP PLAN
1/4" = 1'-0"

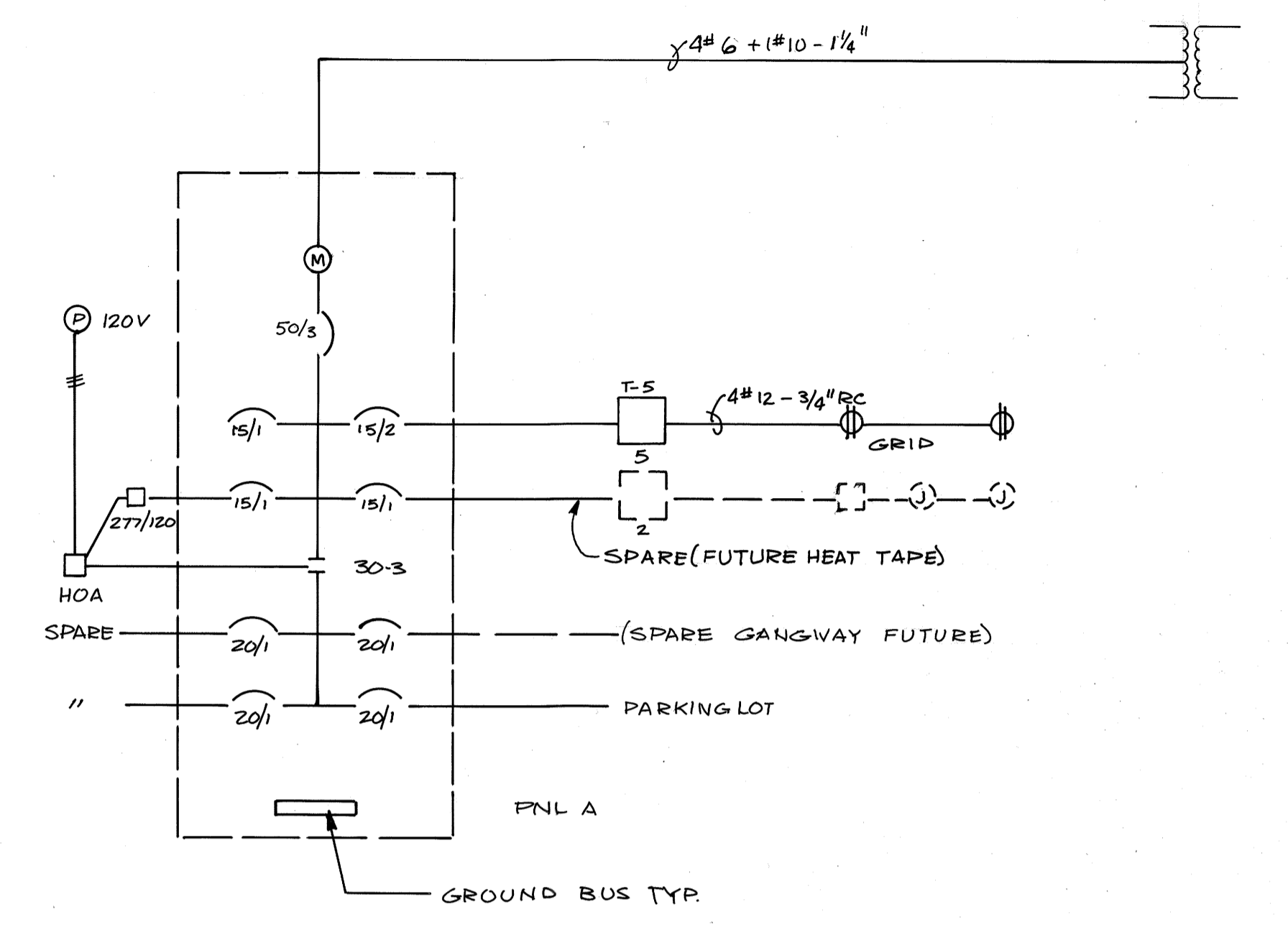


ELEVATION
1/4" = 1'-0"

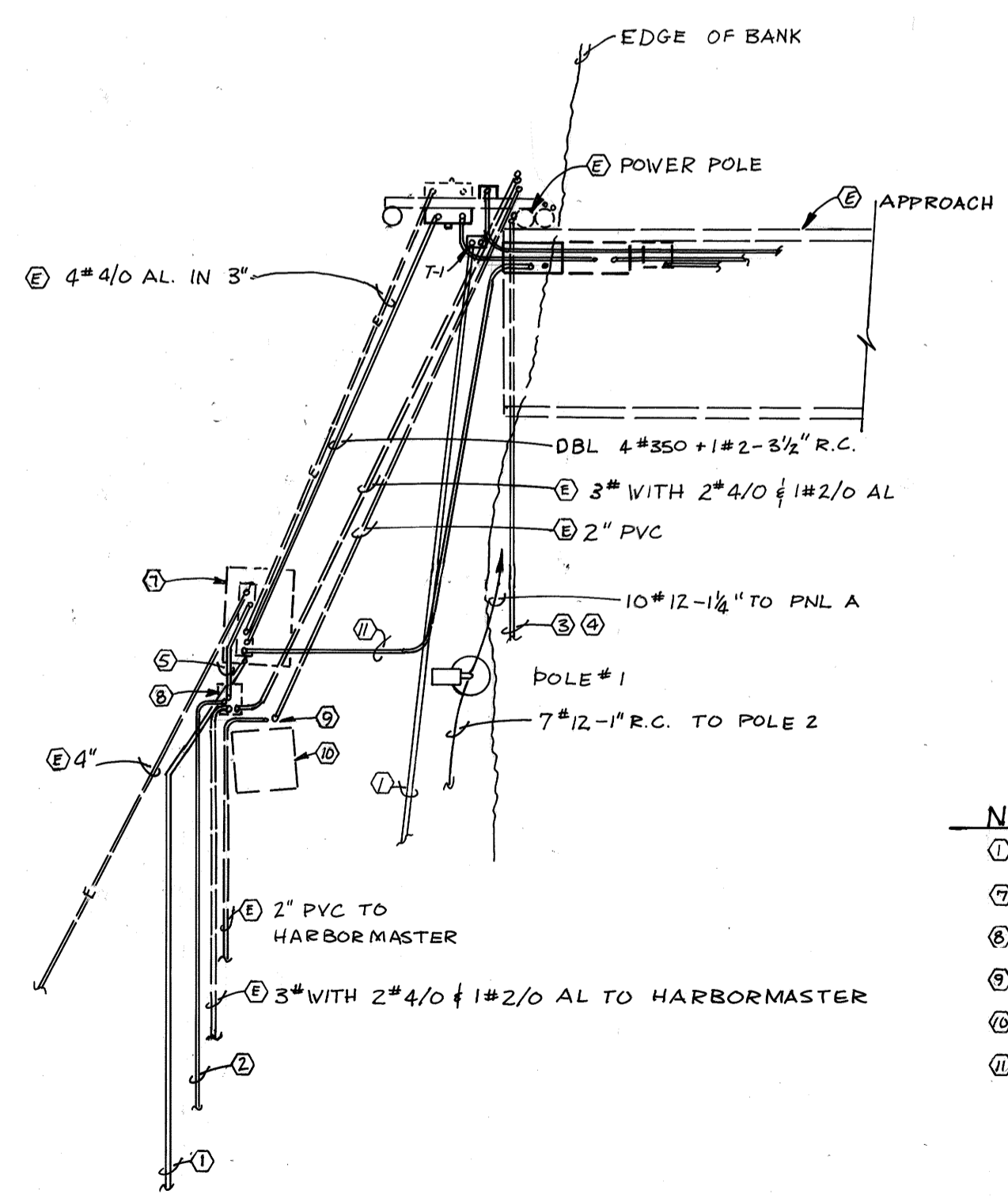


SECTION A-A
1/4" = 1'-0"

EQUIPMENT SCHEDULE			
ITEM	DESCRIPTION	QTY	REMARKS
1	HOFFMAN AT24824 FSD + LEGS	1	EPOXY PAINT
2	MDP SECTION SQ D I LINE	1	277/480V 3Φ 600A
3	PNL A SQ D NHIB W/CONT	1	SEE E-2
4	T-3 TIERNEY ACL345-8T18H-COT	1	45 KVA
5	T-6 " XCL102-5W13H115	1	2 KVA 277-120/240
6	EXIST COASTGUARD C/T CABINET	1	400A 277/480
7	250/3 SQ D LHL 400-3R	1	
8	C/T CABINET 600A-277/480V 3Φ 15J	1	COORDINATE W/UTILITY



ONE LINE DIAGRAM
NO SCALE



PLAN OF MDP AREA

- NOTES:
- ①, ②, ③, ④, ⑤ SEE E-1
 - ⑥ EXISTING 75KVA 12.47 TO 277/480V SΦ, BREAKOUT + PATCH SLAB AS REQ'D.
 - ⑦ EXISTING UTILITY FIBERGLASS SECONDARY SPLICEBOX
 - ⑧ EXISTING 2" PVC STUBS PROVIDE ENCLOSURE TO MATCH ⑥
 - ⑨ EXISTING TELEPHONE BOOTH TO BE REMOVED BY OTHERS.
 - ⑩ 4 #6 + 1 #10-1/4" FROM PNL A TO EXISTING TRANSFORMER

E-2

	DO NOT SCALE THIS DRAWING - USE DIMENSIONS			
	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
	LAKE BAY		ALASKA	
ELECTRICAL DETAILS				
DESIGNED LPL	CHECKED _____	DRAWN DJM	DATE 3-86	
PROJECT NUMBER 69105 & 69106	SHEET 13		OF 13	