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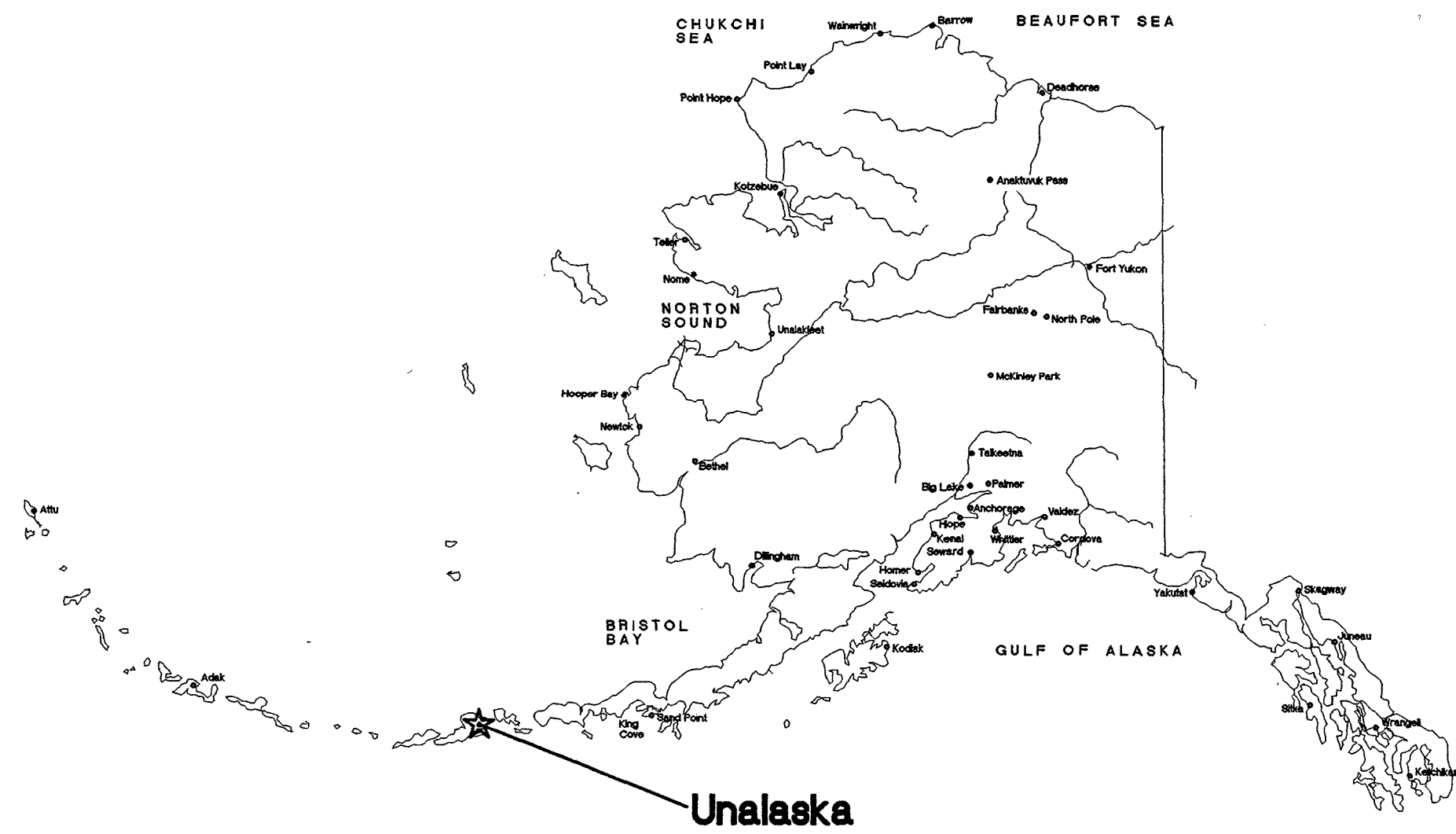
Mechanical/Electrical Engineer
MBA , Consulting Engineers, Inc.

CONTRACT DOCUMENTS APRIL 10, 1998 ■

AS-BUILT

APPENDIX INCORPORATED

STATE MAP



Unalaska

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ABBREVIATIONS

A	ABV above	AC above finish floor	AWW oil weather wood	ACC access	CSIS access floor	AP access panel	ACR acoustical	APA american plywood association	ACT acoustical tile	ADJ adhesive	ADD addendum	ADM adjacent	AV audio visual	AGG aggregate	A/WF all weather wood foundation	ALT alternate	ALUM aluminum	ASTM american society of testing & materials	ANC anchor, anchorage	ANB anchor bolt	ANDR andrill	APX approximate	ARCH architectural	AD area drain	ASPH asphalt	AT automatic
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B	BAL balance	BSMT basement	BRG bearing	BT bed joint	BM bench mark	REL between	BTW between	BVL beveled	BT bituminous	BLK block	BLD building	BD board	BB bonded beam	BS both sides	BW both ways	BTM bridging	BRK brick	BRDGS bridging	BTU British thermal unit	BRZ bronze	BU building	BUR built up roofing	BBD bulletin board
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C	CAB cabinet	CAD casidium	CPT cast(pile)	CSMT casement	CI cast iron	CIP cast-in-place concrete	CS cast stone	CB catch basin	CHG ceiling	CHT ceiling height	CEN cement	CPCL cement plaster (Potland)	CTR center line	CM centimeter	CER ceramic	CT ceramic tile	CMC ceramic mosaic tile	CHB chalkboard	CHAM chamber	CHM chromium (plated)	CIR circumference	CIRD circle	CO clean out	CLR clearance	CLS closure	CW cold water	COL color	COM column	COMB combination	COMP component	COMPO composition (composite)	COMP compressed (foam) (foam)	CONC concrete	CE concrete elevation	CMU concrete masonry unit	CONN connection	CONTR construction	CONT continuous or continue	CONTR contractor	CLL contract limit line	CJT control joint	COOPER cooper
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D	DPR damper	DP dampproofing	DL dead load	DEM demolition, demolition	DMT demountable	DEP depressed	DTL detail	DIAG diagonal	DA diameter	DM dimension	DSP dispenser	DO ditto	DIV division	DR double	DBL double acting	DH double hung	DTA dovetail anchor slot	DTS dovetail anchor slot	DN down	DSP downspout	D drain	DRB drainboard	DT drain tile	DRW drawing	DWG drinking fountain	DI ductile iron	DWB dumbwaiter
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E	EF eash face	ES eash side	EW each way	E east	ELECT electrical	EP electrical panelboard	EWC elevator	EV electric water cooler	LEV elevator	EMER emergency	ENML enamel	ENCL enclosure	EQ equal	EQP equipment	ESP estimator	EST estimate	EKAV exhaust	EKA exhaust air	EXIST existing	EXPAND expansion	EXP expanded metal plate	EB expansion bolt	EXP exposed	EXT exterior	EXR extra strong	EPS expanded polystyrene
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F	FWC fabric wall covering	FC face brick	FOC face of concrete	FOF face of finish	FOM face of masonry	FR factory finish	FAS fastener	FEM female, feminine	FN fence	FBD fiberboard	FG fiberglass	FIN finished floor	FFE finished floor elevation	FFL finished floor line	FA fire alarm	FBRK fire brick	FE fire extinguisher	FES fire extinguisher cabinet	FNS fire hose station	FIR fireproof	FP fireproof	FR fire retardant treated	FRX fireproof	FLG flashing	FMH firehead machine screw	FWS firehead wood screw
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G	GAL gallon	GPM gallons per minute	GAV galvanized	GS galvanized steel pipe	GSP galvanized steel sheet	GKT gasketed	GV gate valve	GC general contractor	GEN generator	GL glass, glazing	GLB glass block	GLCMU glazed concrete masonry units	GST glazed structural tile	GB grab bar	GD grade, grading	GIN granite	GNL gravel	GF ground face	GR group	GT groud	GYP gypsum lath	GLB plus lam beam	GYP gypsum plaster	GPT gypsum tile	GWB gypsum wallboard
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H	HH handhold	HOBB hardware	HDWD hardwood	HD head	HJ head joint	HUL mulch	HDR member	HES heating	HV heating & venting	HVAC heating, venting, air conditioning	HD heavy duty	HGT height	HES hexagonal	HES high early strength cement	HC hollow core	HM hollow metal	HC hollow core	HORIZ horizontal	HP hose	HP hot water	HP hot water heater	HNS high presure decorative laminate	H high	HPT high point	HDP handdipped
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I	INCL inclinator	INCL include (d) (ing)	ID inside diameter	IM inside dimension	INSUL insulated (ion)	INF insulating	INF insulating fill	INT interior	INT interlock	ILK intermediate	INVT invert	IE invert elevation	IPS iron pipe size
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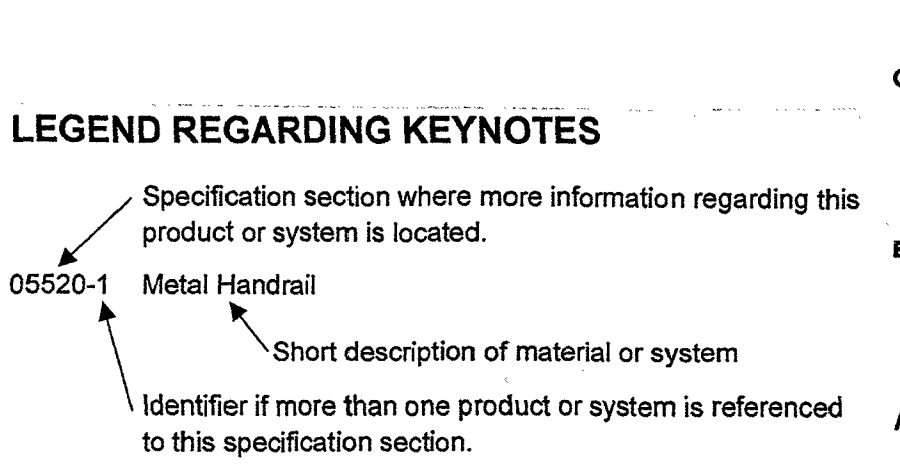
J	JC janitor's closet	JT joint	JF joint filler	OH overhead	OH overhead wood screw	OS obscure	OC on center(a)	OP opening	OPNG opening	OPP opposite	OPH opposite hand	OS opposite surface	OD outside diameter	OHMS overhead machine screw	OHMS overhead wood screw	OA overall	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board	OSB oriented strand board
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P	PNT painted	PNL panel	PB penic bar	PTD paper towel dispenser	PTF paper towel recepter	PAR parallel	PBB particle board	PTN partition	PV paved(ing)	PVMT pavement	PERF perforated	PERI perimeter	PLAS plaster/plastic	PF prafinished	PL plate	PG plate glass	PLYWD plywood	PT point	PVC polyvinyl chloride	PE porcelain enamel	PTC post-tensioned concrete	PCF pound per cubic foot	PWF pound per square foot	PWF pound per square inch	PWR power	PSC prefabricated	PPC prestressed concrete	PROJ preservative treated project/projection	PLTD property line	PLTD platted
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DRAWING SHEET ORGANIZATION

1. SHEET AND DETAIL NUMBERS FOR THE LARGE FORMAT SHEETS ARE BASED ON THE CONSTRUCTION SPECIFICATION INSTITUTE'S "UNIFORM DRAWING SYSTEM".
 2. SHEET NUMBERS FOR THE DETAIL BOOK ARE BASED ON THE CONSTRUCTION SPECIFICATION INSTITUTE'S "UNIFORM" SYSTEM.
 3. ABBREVIATIONS LISTED ON SHEET A-001 APPLY TO BOTH THE LARGE FORMAT SHEETS AND THE DETAIL BOOK. THE EXCEPTION IS THAT THE STRUCTURAL DRAWINGS AND DETAIL ABBREVIATIONS APPEAR ON SHEET S-001.

LEGEND REGARDING KEYNOTES



GENERAL NOTES

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, RULES, REGULATIONS, AND ORDINANCES OF FEDERAL, STATE, OR LOCAL AUTHORITIES. NO WORK SHALL BEGIN AT THE SITE UNTIL APPLICABLE APPROVALS AND REQUIRED PERMITS HAVE BEEN OBTAINED COVERING SUCH WORK. SUBCONTRACTORS ARE TO VERIFY AND ASSURE PROPER CODE COMPLIANCE FOR ALL ASPECTS OF CONSTRUCTION WITHIN THEIR RESPECTIVE TRADES.
- DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION AS DRAWINGS ARE NOT NECESSARILY TO SCALE.
- SEE SHEET C-101 FOR LEGAL DESCRIPTION.
- SEE SHEET A-002 FOR CODE EXCERPT INFORMATION.
- DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- TYPICAL EXTERIOR WALL STUDS EXTEND 1" BEYOND THE FACE OF THE FOUNDATION. SEE DETAIL B2/111.
- FINISH FLOOR ELEVATION 0'-0" ON STRUCTURAL, ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS REFERS TO FINISHED FLOOR ELEVATION +15'-0" INDICATED ON SHEET C-102.
- INSTALL BLOCKING AND BACKING PLATES TO PROPERLY SUPPORT WALL MOUNTED FIXTURES, EQUIPMENT AND ACCESSORIES.

SYMBOLS

	plywood		window type
	finished wood		door number
	gypsum wallboard		room name
	steel		room number
	metal stud framing		ceiling height
	continuous wood framing		interior elevation tag
	wood blocking		detail number
	soil		sheet number
	sand or granular fill		grid line
	concrete		square
	gravel		at
	batt insulation		diameter
	rigid insulation		center line
	hidden line		ext. wall type
	foamed in place insulation		

LIVINGSTON STONE

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

9000 ANCHOR BOLLIVARD
SUITE 101
UNALASKA, ALASKA 99501-9700
THOMAS W. LIVINGSTON
REGISTERED PROFESSIONAL ARCHITECT
4078A

PROJECT NO. 714.10
 DRAWN BY: JB
 REVIEWED BY:
 DATE: APRIL 10, 1998

TITLE
INDEX, ABBREVIATIONS, NOTES

SHEET NO.
A-001

CODE SUMMARY TYPE V N GROUP A-3

The 1994 Uniform Building Code is referenced.
The 1991 Uniform Fire Code is referenced.

Occupancy Type
Group A-3 (UBC 301.1) Assembly, occupant load less than 300, without a stage
Type of Construction
Type V N (UBC SECTION 606)

Required Separation in Buildings of Mixed Occupancy (UBC Table 3-B)

Allowable Floor Area (UBC Section 504, Table 5-B)

Basic Allowable Area for one story buildings:

Occupancy	Type of Construction	Allowable Square Footage
A-3	Type V N	6,100 SF

Allowable Floor Area Increase (Section 505)

- Given:
- A. Occupancy - A-3
 - B. Construction Type - Type V N
 - C. Location on property:
 - 1. Separated on two sides.
 - 2. Minimum separation is 40'-0".
 - 3. Area Increase per Section 505.1.1 = 1.25% x each foot min. exceeds 20'-0" = (>60'-20") x 1.25% = 50% increase.
 - D. Maximum Building Stories - = One story (Section 506, Table 5-B)
 - E. Maximum Building Height - = 40 feet (Section 506, Table 5-B)
 - F. One Story Allowable Building Area = 6,100 SF
 - G. Allowable with Sprinkler Increase = 100% increase

Solution:

TOTAL	A-3
Actual Total Area	9,000 SF
Basic Allowable	6,100 SF
50% Separation Increase	3,050 SF
Subtotal	9,150 SF
100% Sprinkler Increase	9,150 SF
Subtotal	18,300 SF

MAXIMUM HEIGHT OF BUILDING (UBC SECTION 507, TABLE 5-D)

Occupancy	Construction	Maximum Height in Feet	No. of Stories
A-3	Type V N	40	1
Actual Height of Building		36'-0"	1

MINIMUM CONSTRUCTION REQUIREMENTS (UBC CHAPTER 6 TABLE 6-A)

Minimum requirements based on type of construction.

	Type V N
Exterior Bearing Walls	N
Interior Bearing Walls	N
Exterior Nonbearing Walls	N
Structural Frame	N
Partitions-Permanent	N
Shaft Enclosures	N
Floors-Ceilings/Floors	N
Roofs-Ceilings/Roofs	N
Corridors	1 HR (See Section 603.5)
Exterior Doors and Windows	(See Section 603.3.2)
Stair Construction	(See Section 603.4)

PROTECTION FROM HAZARDS

Area	Separation
Mechanical	1 HR (See Section 302.5) Not required but 1 HR separation is provided.

BUILDING HANDICAPPED ACCESSIBILITY (UBC SECTION 11)

UBC Section 11.
ADAAG 28 CFR Part 36, Appendix A. The ADA Accessibility Guidelines will be complied with as required by the Americans with Disability Act of 1990.
ANSI A117.1 Required.

EGRESS REQUIREMENTS (UBC SECTION 1003)

A. Minimum Egress Requirements (UBC Section 1003, Table 10-A)

Use	Minimum of Two Exits is Where the Number of Occupants is at least	Occupant Load Factor
Lobby (less concentrated)	50	15
Conference/Break Room	50	15
Mechanical Equipment	30	300
Locker Room	30	50
Offices	30	100
Storage	30	300
Warehouse	30	500
Other	50	100

OCCUPANT LOAD (UBC SECTION 1003)

Assembly Areas (less concentrated use)	550 SF/ 15 =	37 Occupants
Library reading room	5,500 SF/ 50 =	110 Occupants
Offices	150 SF/ 100 =	2 Occupants
Storage and stock rooms	600 SF/ 300 =	2 Occupants
All others	50 SF/ 100 =	1 Occupants
TOTAL OCCUPANT LOAD		151 Occupants

MINIMUM EXIT WIDTH (UBC SECTION 1003.5)

A-3	
Door	32 in.
Corridor	44 in.
Stair	44 in.

Arrangement of exits shall be half the diagonal of the room of the space.

FIRE EXTINGUISHERS

NFPA Extinguishers as specified with a maximum travel distance to extinguishers of 75 ft. or 3000 SF of floor area.

MAXIMUM DISTANCE TO EXITS (UBC SECTION 1003.4)

Sprinklered	200 ft. (increase to a maximum of 100 ft of travel distance if within one-hour rated corridor assembly)
Dead End	20 ft.
Special Hazard	None

FIRE BLOCKS AND DRAFT STOPS (UBC SECTIONS 708 AND 1505)

Draft stops assemblies shall be provided as required in UBC sections 708 and 1505.

EXIT SIGNS AND ILLUMINATION (UBC SECTIONS 1012 AND 1013)

Exit signs and illumination provided as required in UBC sections 1012 and 101305

SPRINKLERS AND STANDPIPES (UBC SECTION 3802 (C))

Occupancy A-3 Automatic sprinkler system will be installed

FIRE APPARATUS ACCESS ROADS (UFC 10.203)

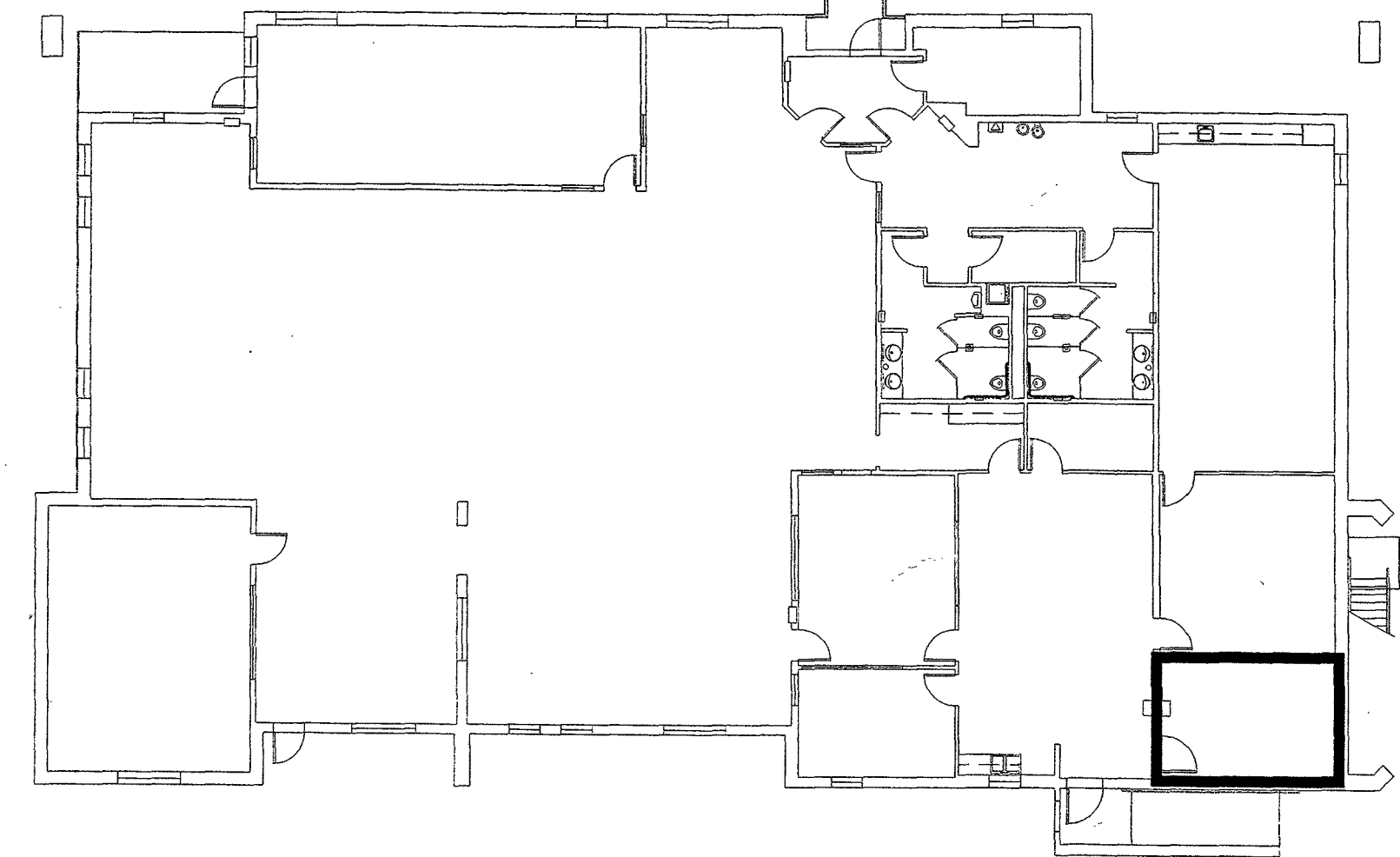
Fire apparatus access roads shall be provided so that every portion of the first story is located not more than 150 feet from apparatus access.

MINIMUM PLUMBING FACILITIES (UBC APPENDIX 29)

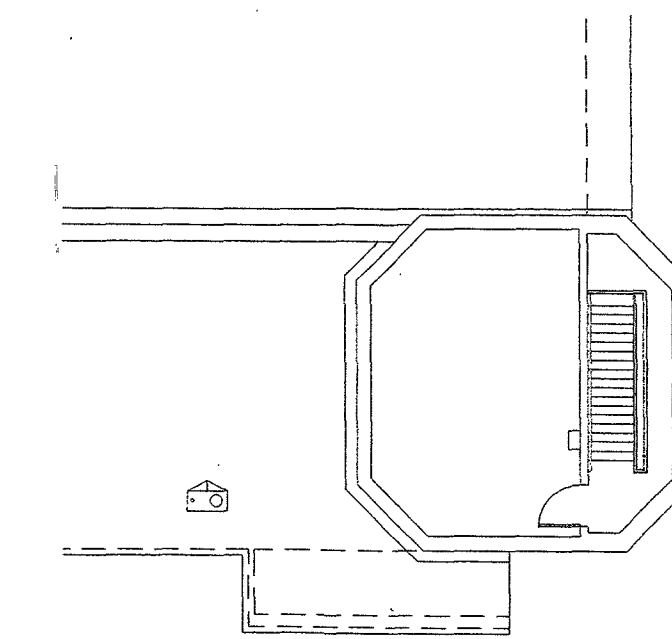
Occupied Square Footage Area / Load Factor	Less than 7,500 SF / 30 SF		Total Occupants
			250 Occupants
125 Men	WC	Urinals	Lavs
Required	2	1	2
125 Women	WC		Lavs
Required	3		2

Drinking fountains required - 2 Occupant loads over 30 shall have at least 1 drinking fountain for each 150 occupants.

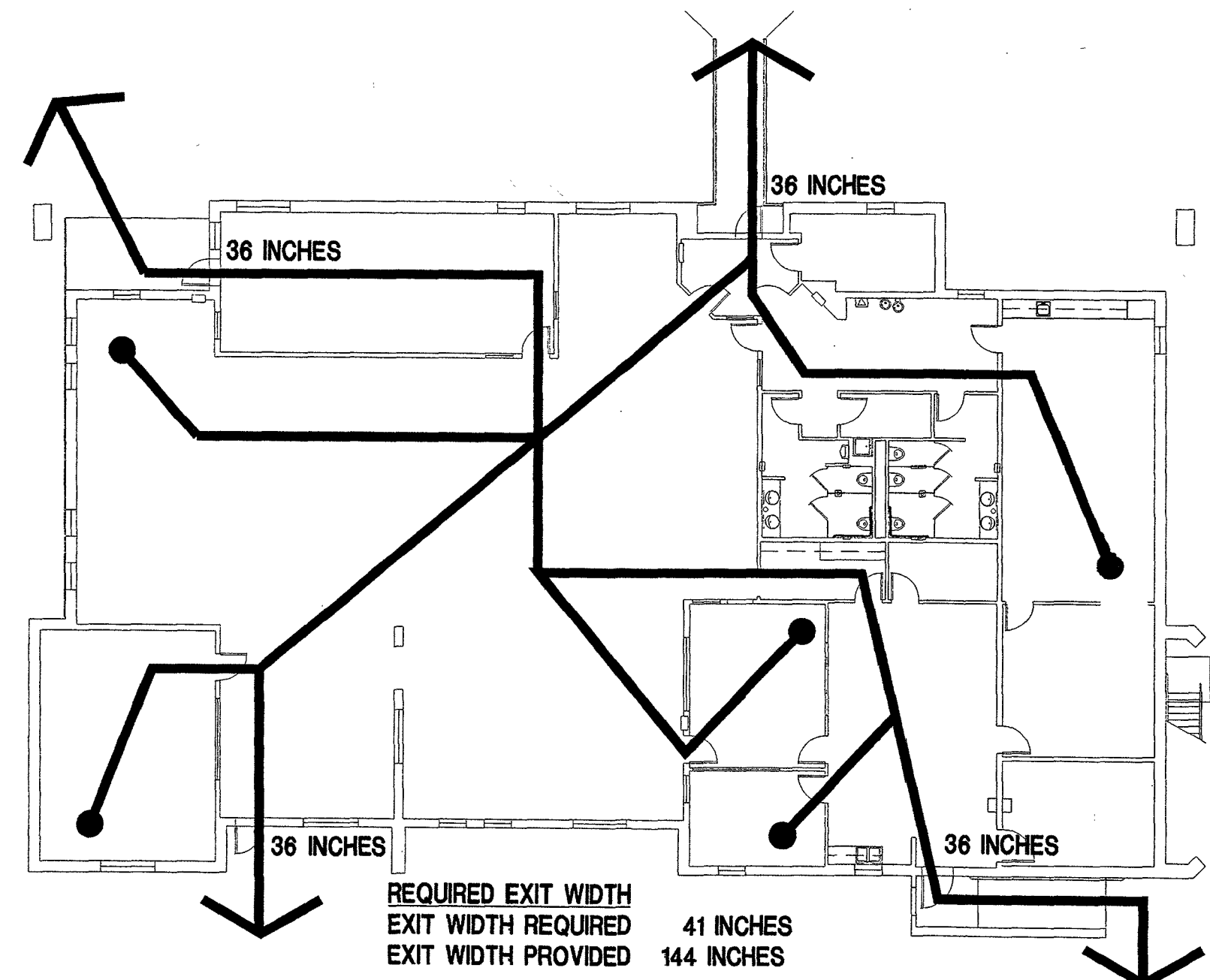
NOTE: BOILER ROOM (RM 109) IS NOT REQUIRED BY THE UBC TO BE ENCLOSED BY A RATED ASSEMBLY, BUT ONE HOUR RATED PARTITION, CEILING, AND DOOR ASSEMBLIES SHALL BE PROVIDED BY THE CONTRACTOR.



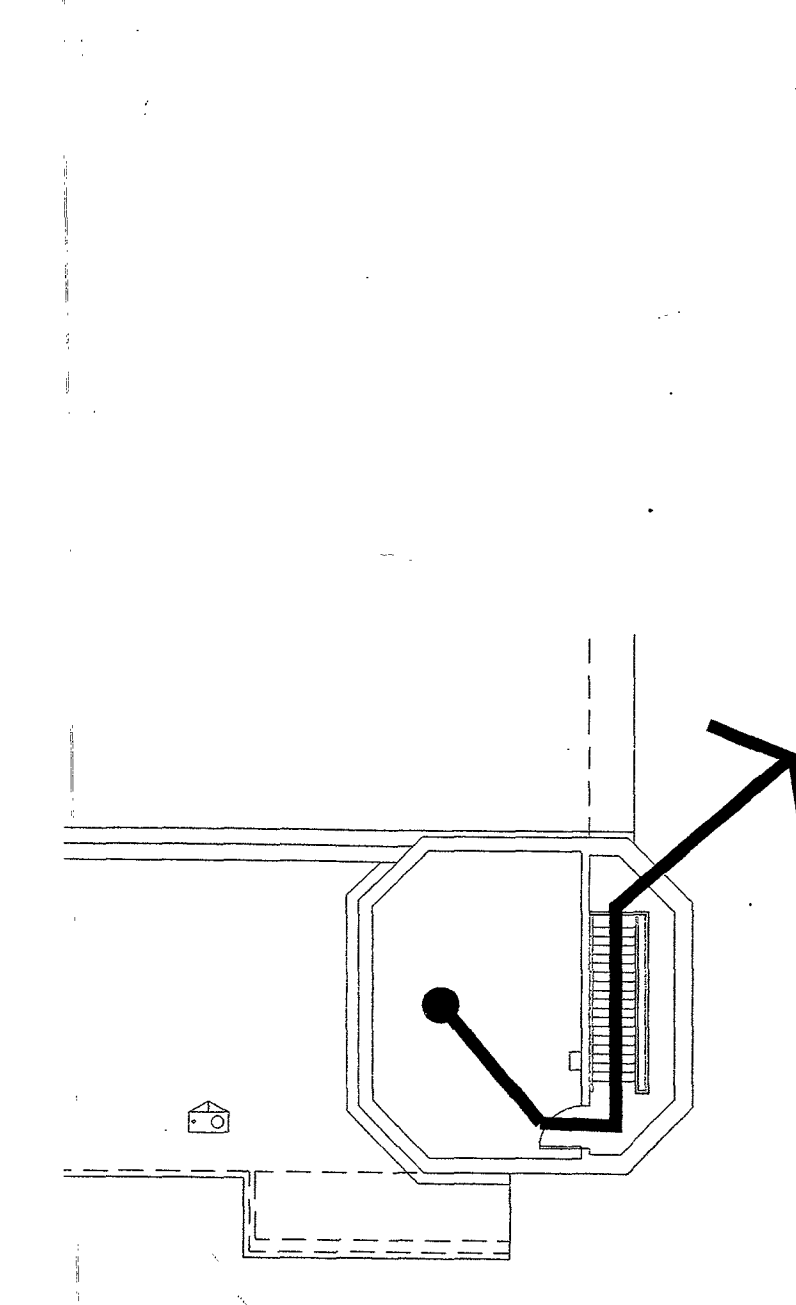
D4 ONE HOUR RATED ASSEMBLY LOCATIONS - FIRST LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"



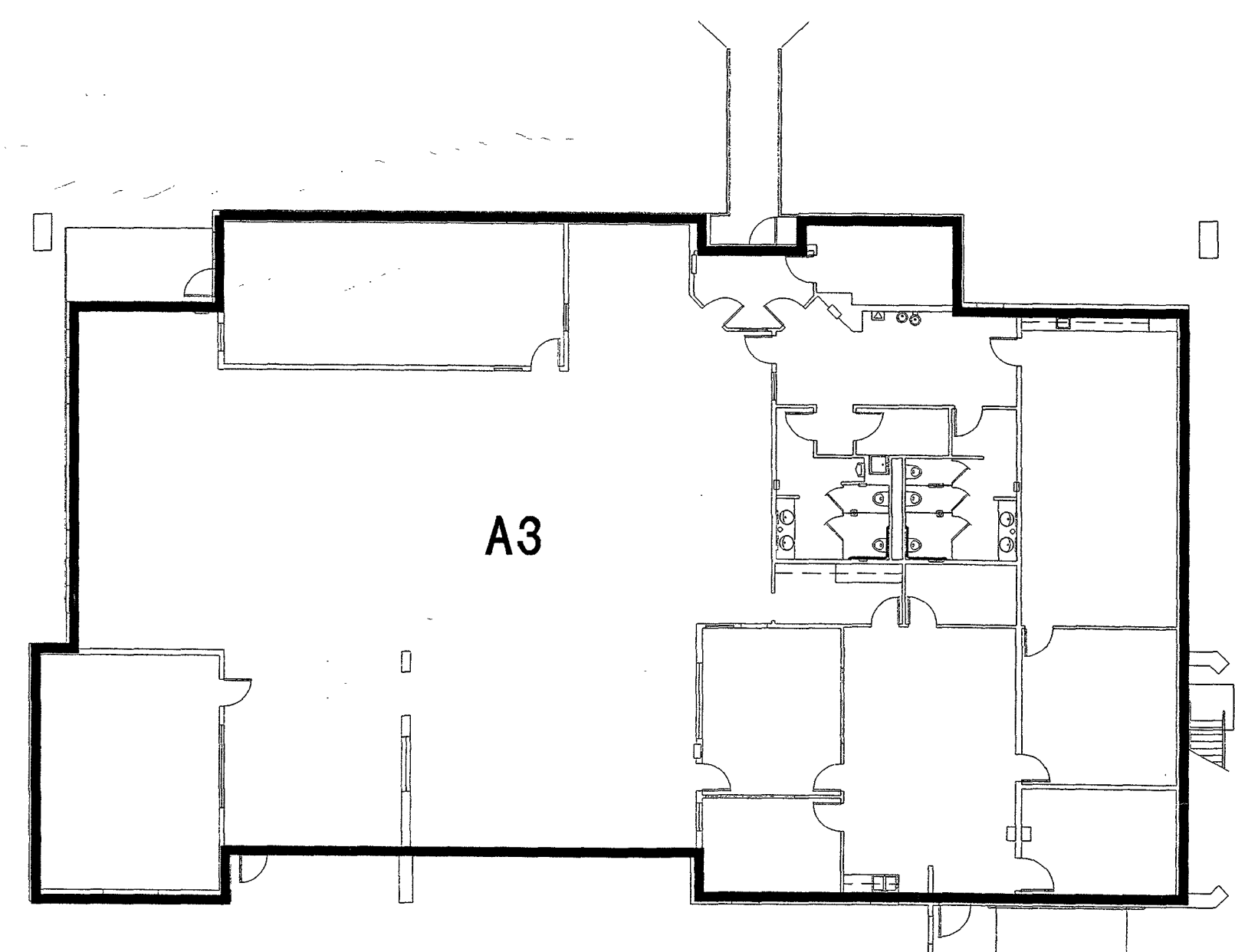
D5 ONE HOUR RATED ASSEMBLY LOCATIONS - MECH. LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"



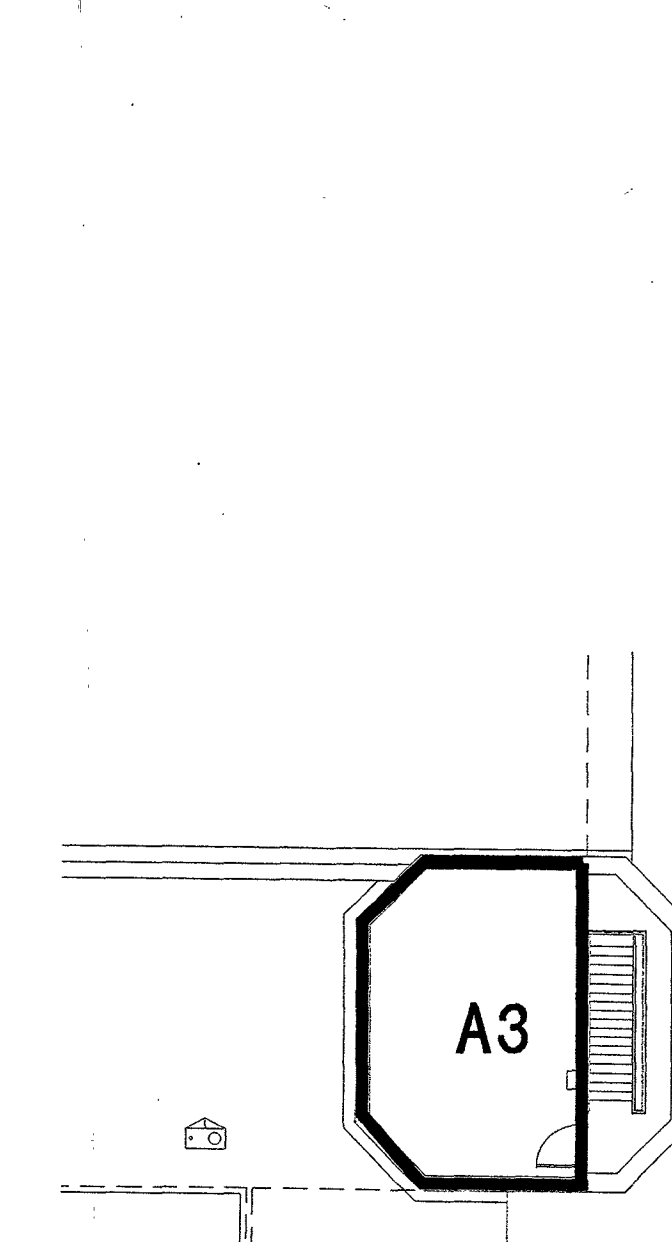
B4 EXIT PATHS - FIRST LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"



B5 EXIT PATHS - MECHANICAL LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"



A3 OCCUPANCY TYPE LOCATIONS - FIRST LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"



A5 OCCUPANCY TYPE LOCATIONS- MECHANICAL LEVEL
A-002 APPROXIMATE SCALE: 1/16"=1'-0"

A1 CODE EXCERPTS
A-002 APPROXIMATE SCALE: NONE

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UNALASKA LIBRARY
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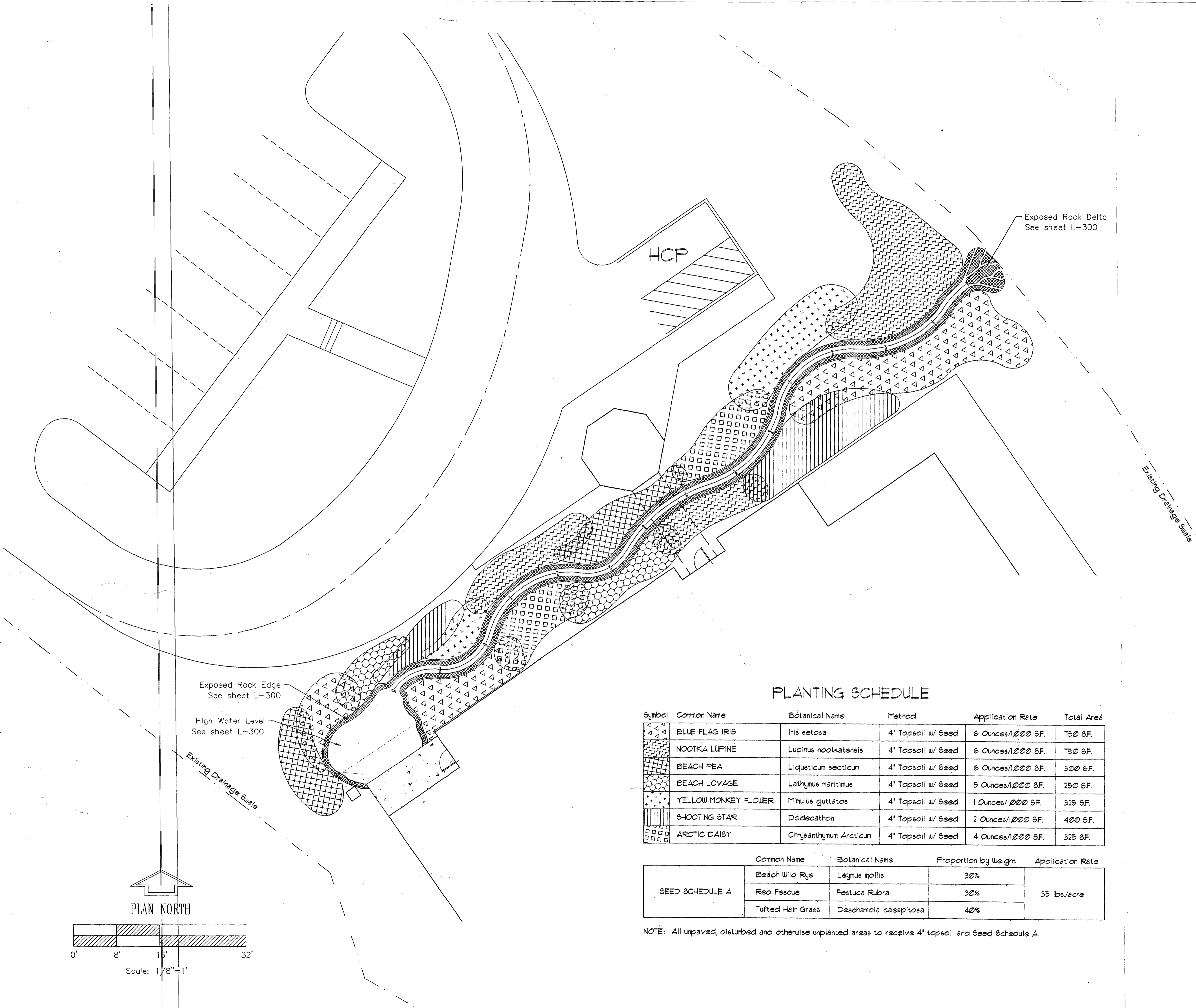
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49TH
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REGISTERED PROFESSIONAL ARCHITECT
4078A

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PROJECT NO. 714.10
DRAWN BY: JB
REVIEWED BY:
DATE: APRIL 10, 1998

TITLE
CODE EXCERPT/
DIAGRAMS

SHEET NO.
A-002



PLANTING SCHEDULE

Symbol	Common Name	Botanical Name	Method	Application Rate	Total Area
	BLUE FLAG IRIS	<i>Iris setosa</i>	4" Topsoil w/ Seed	6 Ounces/1,000 SF.	750 SF.
	NOOTKA LUPINE	<i>Lupinus nootkatensis</i>	4" Topsoil w/ Seed	6 Ounces/1,000 SF.	750 SF.
	BEACH PEA	<i>Liquetium secticum</i>	4" Topsoil w/ Seed	6 Ounces/1,000 SF.	300 SF.
	BEACH LOYAGE	<i>Lathymus maritimus</i>	4" Topsoil w/ Seed	5 Ounces/1,000 SF.	250 SF.
	YELLOW MONKEY FLOWER	<i>Mimulus guttatus</i>	4" Topsoil w/ Seed	1 Ounces/1,000 SF.	325 SF.
	SHOOTING STAR	<i>Dodecatheon</i>	4" Topsoil w/ Seed	2 Ounces/1,000 SF.	400 SF.
	ARCTIC DAISY	<i>Chrysanthymum Arcticum</i>	4" Topsoil w/ Seed	4 Ounces/1,000 SF.	325 SF.

	Common Name	Botanical Name	Proportion by Weight	Application Rate
SEED SCHEDULE A	Beach Wild Rye	<i>Leymus mollis</i>	30%	35 lbs./acre
	Red Fescue	<i>Festuca Rubra</i>	30%	
	Tufted Hair Grass	<i>Deschampia caespitosa</i>	40%	

NOTE: All unpaved, disturbed and otherwise unplanted areas to receive 4" topsoil and Seed Schedule A.

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 Unalaska, Alaska

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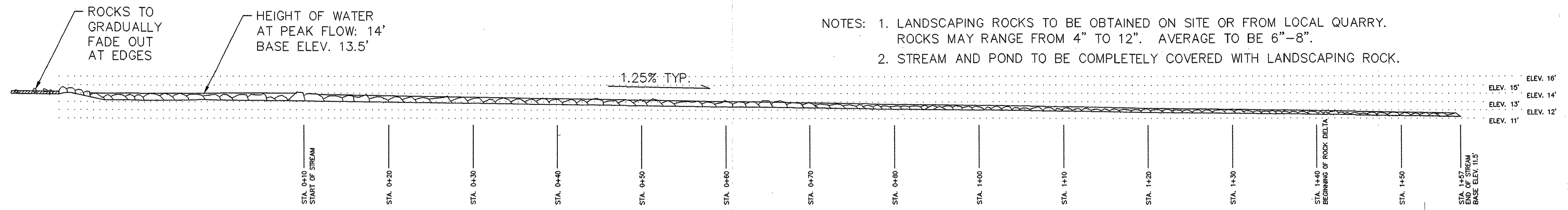
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PROJECT NO. 714.10
 DRAWN BY: J.S.
 REVIEWED BY: J.D.
 DATE APRIL 10, 1998

TITLE
**LANDSCAPE
 SITE PLAN**

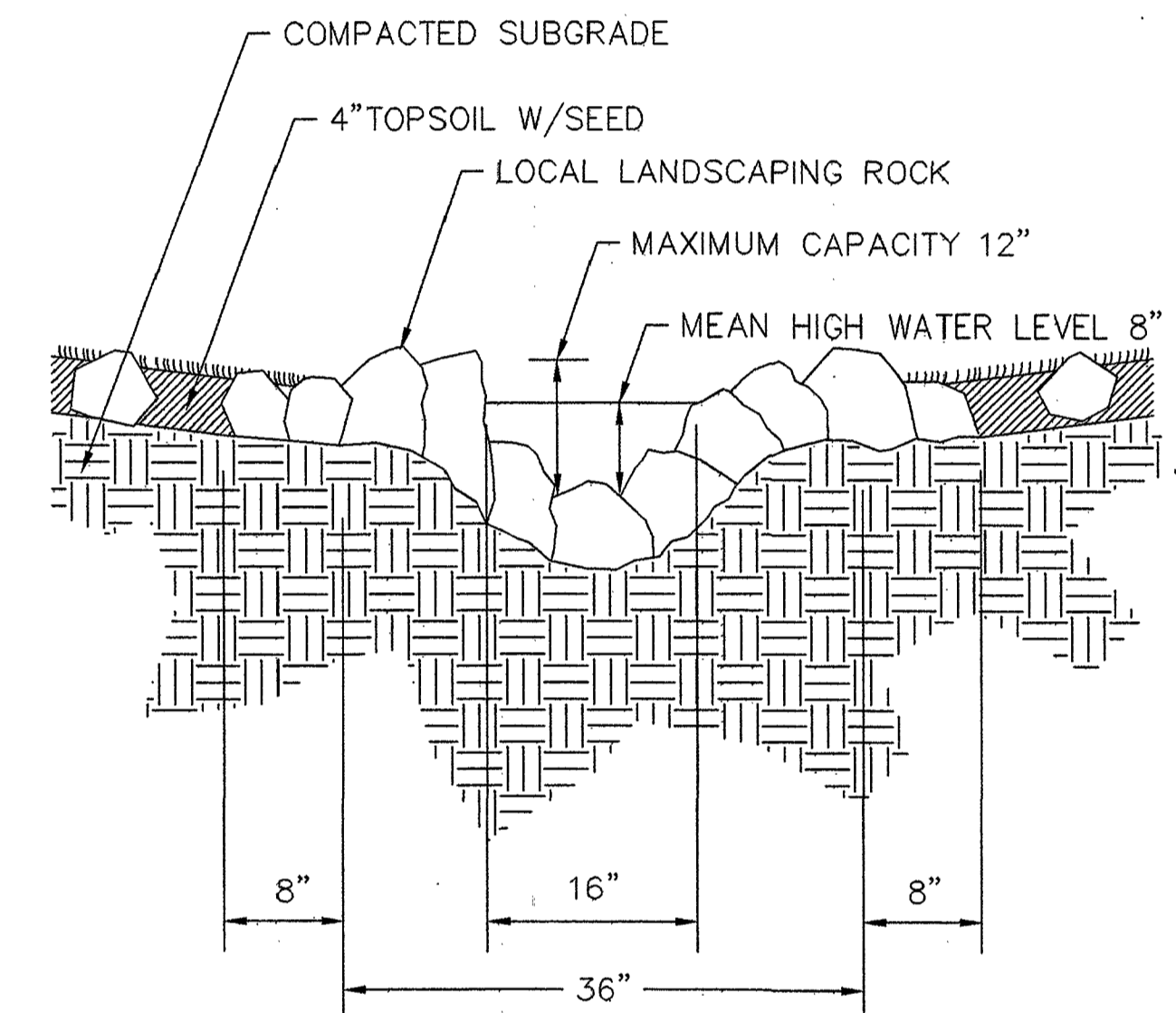
SHEET NO.
L-100



NOTES: 1. LANDSCAPING ROCKS TO BE OBTAINED ON SITE OR FROM LOCAL QUARRY. ROCKS MAY RANGE FROM 4" TO 12". AVERAGE TO BE 6"-8".
 2. STREAM AND POND TO BE COMPLETELY COVERED WITH LANDSCAPING ROCK.

1

POND & STREAM SECTION
 SCALE: 1/8"=1'



2

WATER INFILTRATION STREAM DETAIL
 SCALE: 1"=1'

City of Unalaska
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 Unalaska, Alaska

LIVINGSTON STONE
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LDN
 LAND DESIGN NORTH

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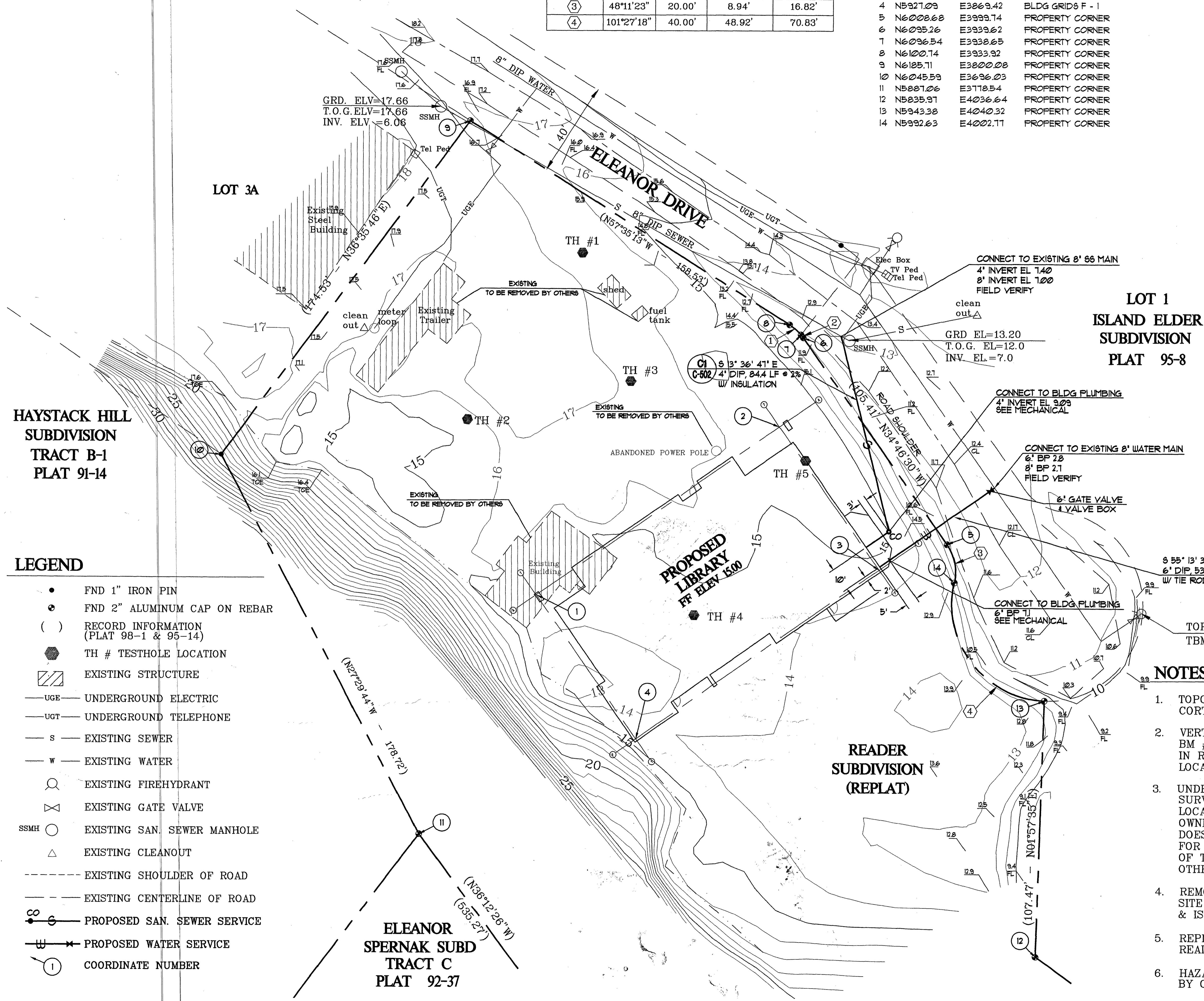
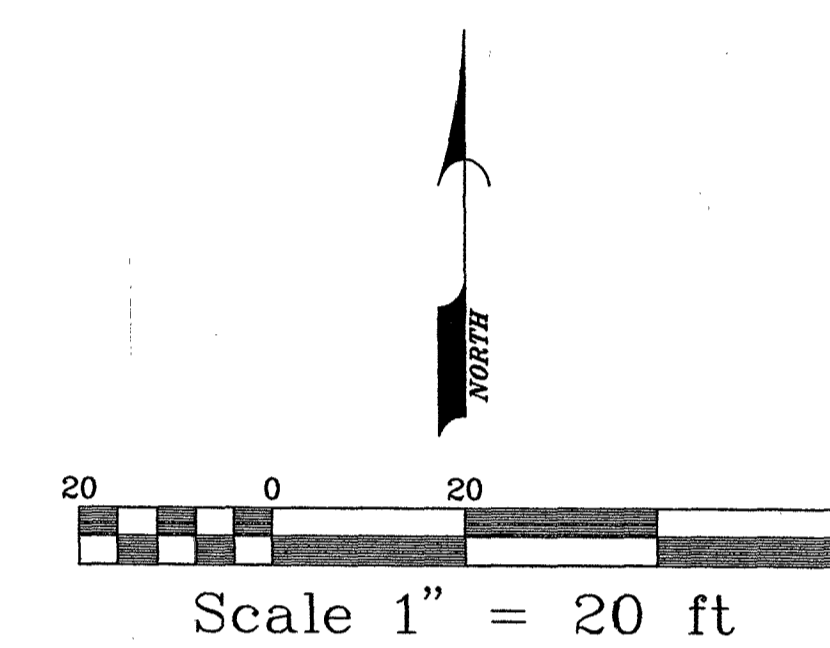
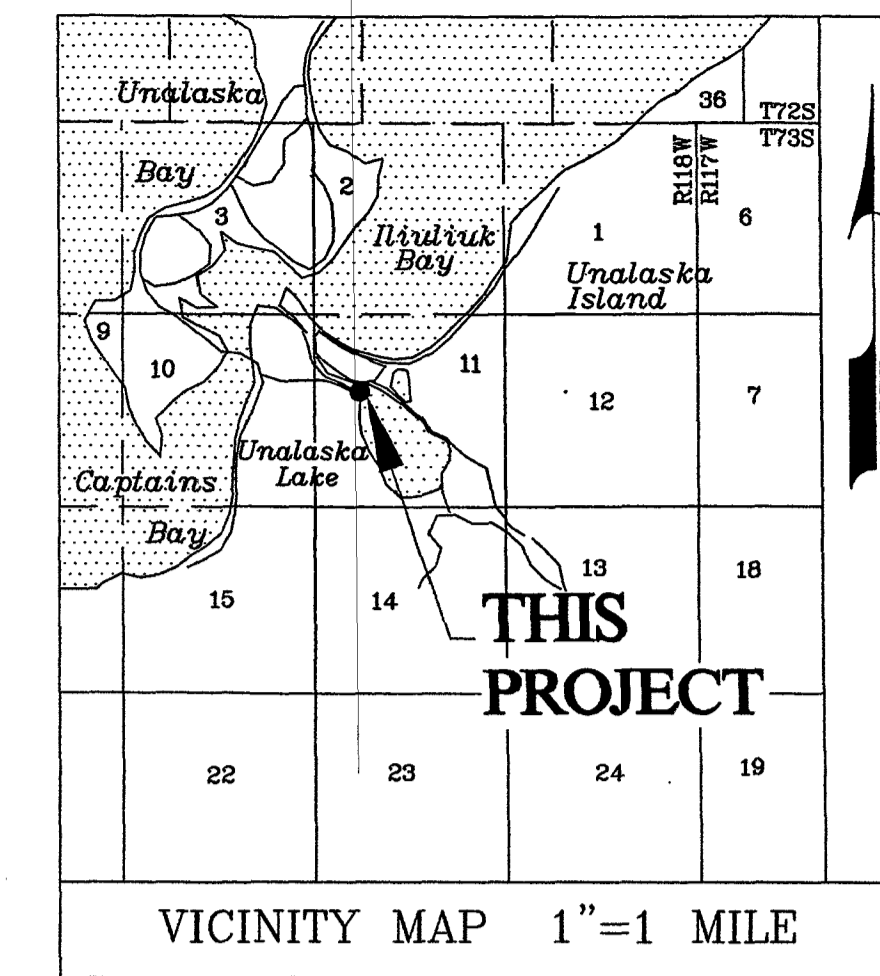
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 DATE: APRIL 10, 1998

TITLE
**LANDSCAPE
 DETAILS**

SHEET NO.
L-300

CURVE TABLE				
CURVE	DELTA	RADIUS	TANGENT	LENGTH
①	18°12'38"	20.00'	3.20'	6.36'
②	4°36'22"	20.00'	0.80'	1.61'
③	48°11'23"	20.00'	8.94'	16.82'
④	101°27'18"	40.00'	48.92'	70.83'

COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTION
1	N5987.05	E3827.78	BLDG GRIDS A - 1
2	N6057.79	E3929.63	BLDG GRIDS A - 7
3	N5997.81	E3971.27	BLDG GRIDS F - 7
4	N5927.09	E3869.42	BLDG GRIDS F - 1
5	N6008.68	E3999.74	PROPERTY CORNER
6	N6095.26	E3999.62	PROPERTY CORNER
7	N6096.54	E3938.65	PROPERTY CORNER
8	N6100.74	E3933.92	PROPERTY CORNER
9	N6185.71	E3800.08	PROPERTY CORNER
10	N6045.59	E3696.03	PROPERTY CORNER
11	N5887.06	E3718.54	PROPERTY CORNER
12	N5835.97	E4036.64	PROPERTY CORNER
13	N5943.38	E4040.32	PROPERTY CORNER
14	N5992.63	E4002.77	PROPERTY CORNER



**LOT 1
ISLAND ELDER
SUBDIVISION
PLAT 95-8**

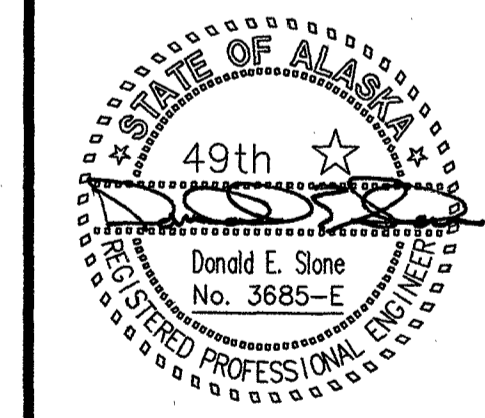
**HAYSTACK HILL
SUBDIVISION
TRACT B-1
PLAT 91-14**

- LEGEND**
- FND 1" IRON PIN
 - FND 2" ALUMINUM CAP ON REBAR
 - () RECORD INFORMATION (PLAT 98-1 & 95-14)
 - TH # TESTHOLE LOCATION
 - ▨ EXISTING STRUCTURE
 - UGE — UNDERGROUND ELECTRIC
 - UGT — UNDERGROUND TELEPHONE
 - S — EXISTING SEWER
 - W — EXISTING WATER
 - EXISTING FIREHYDRANT
 - ⊗ EXISTING GATE VALVE
 - SSMH EXISTING SAN. SEWER MANHOLE
 - △ EXISTING CLEANOUT
 - - - EXISTING SHOULDER OF ROAD
 - - - EXISTING CENTERLINE OF ROAD
 - PROPOSED SAN. SEWER SERVICE
 - x— PROPOSED WATER SERVICE
 - ① COORDINATE NUMBER

- NOTES**
- TOPOGRAPHIC INFORMATION FROM WINCE-CORTHELL-BRYSON SITE SURVEY, 10/25/97.
 - VERTICAL DATUM IS BASED ON D.O.T. BM #2 AKA "D3". A 2 1/2" BRASS CAP IN ROCK OUTCROP ELEVATION 59.04 LOCATED NEAR CITY HALL.
 - UNDERGROUND UTILITIES WERE FIELD SURVEYED AND ARE SHOWN FROM FIELD LOCATIONS PROVIDED BY THE UTILITY OWNERS. WINCE-CORTHELL-BRYSON DOES NOT ASSUME ANY RESPONSIBILITY FOR THE ACCURACY OR ACTUAL LOCATIONS OF THEIR INDICATED POSITIONS UNLESS OTHERWISE INDICATED.
 - REMOVAL OF EXISTING BUILDINGS & OTHER SITE STRUCTURES TO BE DONE BY OTHERS & IS NOT PART OF THIS CONTRACT.
 - REPLAT TO BE RECORDED MAY 1998, AS READER SUBDIVISION.
 - HAZARDOUS WASTE CLEAN UP TO BE DONE BY OTHERS PRIOR TO CONSTRUCTION.

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Unalaska, Alaska

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ANCHORAGE, ALASKA 99503-5790
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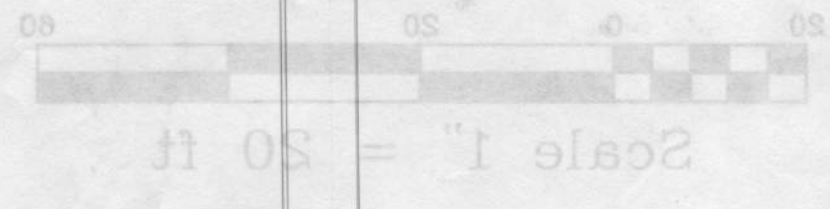
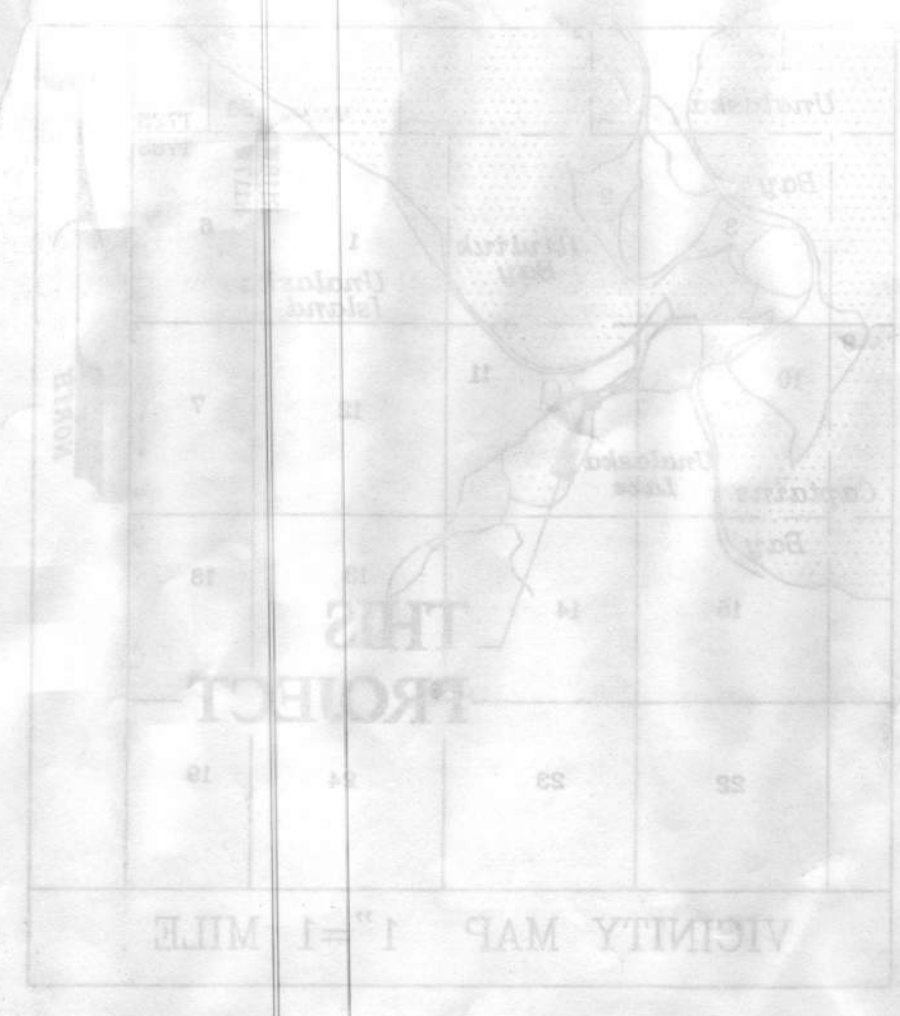


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PROJECT NO. 714.10
DRAWN BY: CKK
REVIEWED BY:
DATE: APRIL 10, 1998

TITLE
**TOPOGRAPHIC
& UTILITY
SITE PLAN**

SHEET NO.
C-101

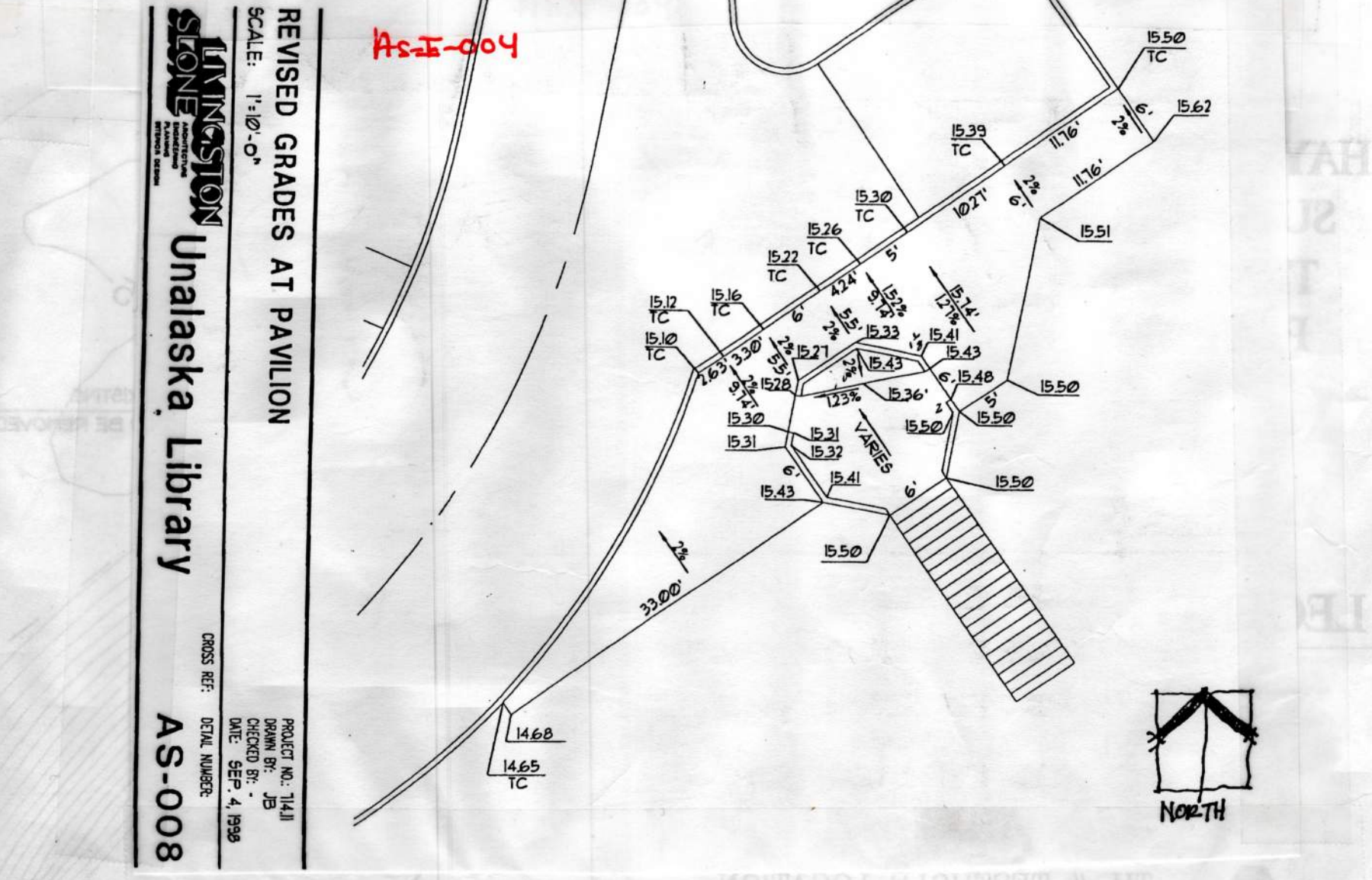
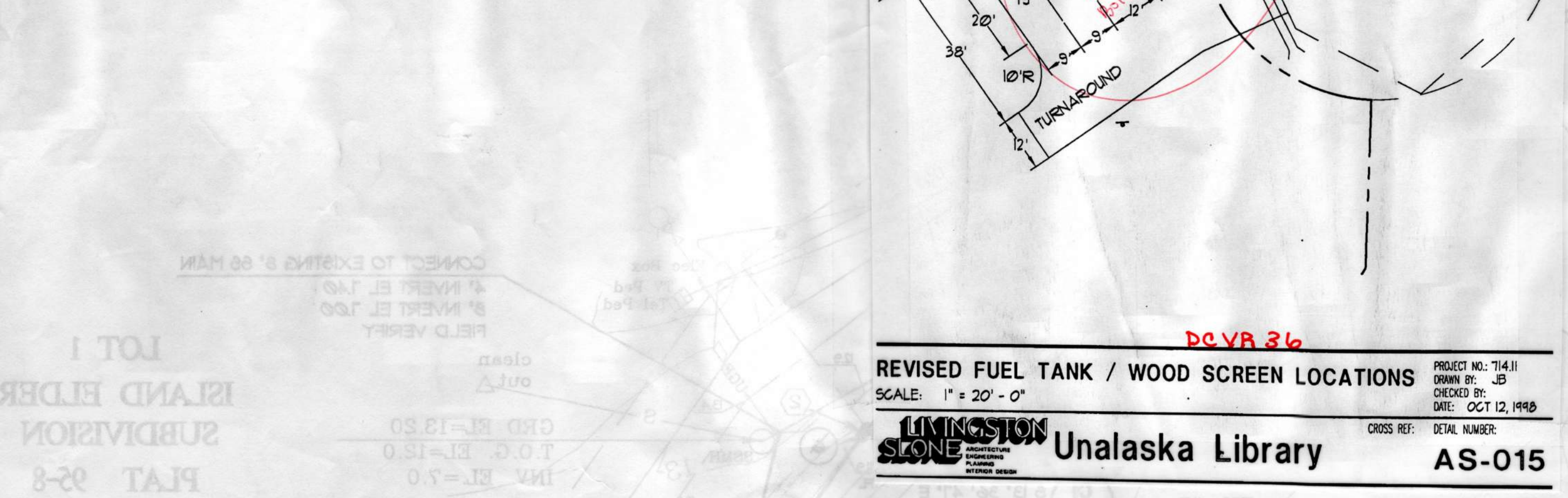


COORDINATE TABLE

PT. NO.	EASTING	NORTHING
1	1171.00	1171.00
2	1172.00	1172.00
3	1173.00	1173.00
4	1174.00	1174.00
5	1175.00	1175.00
6	1176.00	1176.00
7	1177.00	1177.00
8	1178.00	1178.00
9	1179.00	1179.00
10	1180.00	1180.00
11	1181.00	1181.00
12	1182.00	1182.00
13	1183.00	1183.00
14	1184.00	1184.00
15	1185.00	1185.00
16	1186.00	1186.00
17	1187.00	1187.00
18	1188.00	1188.00
19	1189.00	1189.00
20	1190.00	1190.00

NOTES

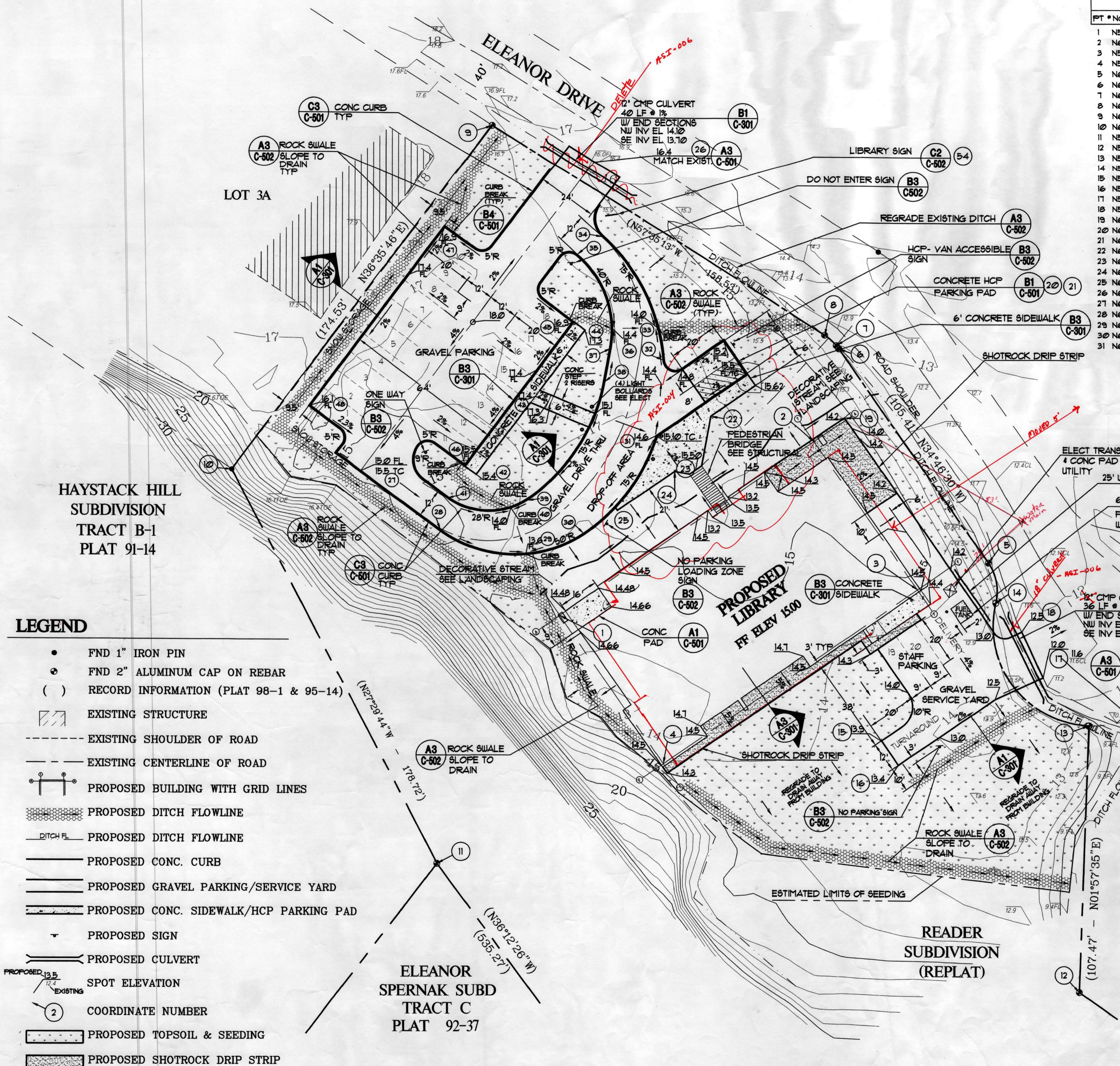
1. TOPOGRAPHIC INFORMATION FROM WINGE-CORTHELL-BRYSON SITE SURVEY 10/25/87.
2. VERTICAL DATUM IS BASED ON D.O.T. BM #2 AKA "D3" A 2 1/2" BRASS CAP IN ROCK OUTCROP ELEVATION 58.04' LOCATED NEAR CITY HALL.
3. UNDERGROUND UTILITIES WERE FIELD SURVEYED AND ARE SHOWN FROM FIELD LOCATIONS PROVIDED BY THE UTILITY OWNERS WINGE-CORTHELL-BRYSON. DOES NOT ASSUME ANY RESPONSIBILITY FOR THE ACCURACY OR ACTUAL LOCATIONS OF THEIR INDICATED POSITIONS UNLESS OTHERWISE INDICATED.
4. REMOVAL OF EXISTING BUILDINGS & OTHER STRUCTURES TO BE DONE BY OTHERS & IS NOT PART OF THIS CONTRACT.
5. REPEAT TO BE RECORDED MAY 1998 AS READER SUBDIVISION.
6. HAZARDOUS WASTE CLEAN UP TO BE DONE BY OTHERS PRIOR TO CONSTRUCTION.



UNALASKA LIBRARY
City of Unalaska

COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTION
1	N5987.05	E3021.70	BLDG GRIDS A - 1
2	N6091.79	E3929.63	BLDG GRIDS A - 1
3	N5991.81	E3971.27	BLDG GRIDS F - 1
4	N5927.09	E3869.42	BLDG GRIDS F - 1
5	N6008.68	E3999.74	PROPERTY CORNER
6	N6095.26	E3939.62	PROPERTY CORNER
7	N6096.54	E3938.65	PROPERTY CORNER
8	N6100.74	E3933.92	PROPERTY CORNER
9	N6185.71	E3800.08	PROPERTY CORNER
10	N6045.59	E3696.03	PROPERTY CORNER
11	N5807.06	E3778.54	PROPERTY CORNER
12	N5835.97	E4036.64	PROPERTY CORNER
13	N5943.38	E4040.32	PROPERTY CORNER
14	N5932.63	E4002.11	PROPERTY CORNER
15	N5936.68	E3956.92	SERVICE YARD
16	N5926.82	E3963.76	SERVICE YARD
17	N5962.79	E4021.79	SERVICE YARD
18	N5901.15	E4013.71	SERVICE YARD
19	N6067.49	E3941.86	DRIFLINE NE CORNER
20	N6098.83	E3993.37	HCP PAD NU CORNER
21	N6084.87	E3993.07	HCP PAD SE CORNER
22	N6067.93	E3888.33	SIDEWALK
23	N6046.04	E3882.20	SIDEWALK
24	N6045.39	E3873.82	SIDEWALK
25	N6079.42	E3850.82	SIDEWALK
26	N6172.00	E3841.17	PARKING LOT CL
27	N6045.26	E3747.80	PARKING LOT CL
28	N6021.51	E3779.78	DRIVEWAY FC
29	N6011.88	E3814.26	DRIVEWAY CURBCUT
30	N6020.06	E3837.34	DRIVEWAY FCC
31	N6059.99	E3866.37	DRIVEWAY FT
32	N6090.42	E3968.98	DRIVEWAY FCC
33	N6103.95	E3866.71	DRIVEWAY CURBCUT
34	N6140.02	E3844.40	DRIVEWAY FCC
35	N6132.84	E3834.37	DRIVEWAY FCC
36	N6103.13	E3848.66	DRIVEWAY CURBCUT
37	N6095.04	E3848.03	DRIVEWAY FT
38	N6081.68	E3845.60	DRIVEWAY FC
39	N6093.48	E3814.59	DRIVEWAY FCC
40	N6090.34	E3800.09	DRIVEWAY CURBCUT
41	N6094.42	E3782.53	DRIVEWAY FT
42	N6043.88	E3794.10	SIDEWALK
43	N6075.66	E3817.71	SIDEWALK
44	N6102.49	E3837.62	SIDEWALK
45	N6105.66	E3832.51	CURBCUT
46	N6047.86	E3789.58	CURBCUT
47	N6143.82	E3781.13	CURBCUT
48	N6071.56	E3727.47	PARKING LOT
49	N5993.73	E3989.61	FUEL TANK NU COR
50	N5997.98	E3993.60	FUEL TANK SE COR
51	N6006.15	E3986.19	SCREEN NU COR
52	N5985.62	E4000.45	SCREEN SE COR
53	N5971.64	E3984.41	TRANSFORMER
54	N6148.34	E3848.03	SIGN - CENTER

As per the City of Unalaska's request, delete the 12" diameter culvert at parking entrance from Eleanor Drive at northeast corner of site. Replace the culvert with a swale at that location and install the same grades into the existing grading conditions to the south of the site. Install grading for proper positive drainage from the parking entrance swale to and through the culvert at the Service Yard Entrance. Install an 18" diameter culvert in place of the 12" culvert indicated on Sheet C-102 at Service Yard Entrance.



- LEGEND**
- FND 1" IRON PIN
 - FND 2" ALUMINUM CAP ON REBAR
 - () RECORD INFORMATION (PLAT 98-1 & 95-14)
 - ▨ EXISTING STRUCTURE
 - EXISTING SHOULDER OF ROAD
 - EXISTING CENTERLINE OF ROAD
 - PROPOSED BUILDING WITH GRID LINES
 - PROPOSED DITCH FLOWLINE
 - PROPOSED CONC. CURB
 - PROPOSED GRAVEL PARKING/SERVICE YARD
 - PROPOSED CONC. SIDEWALK/HCP PARKING PAD
 - PROPOSED SIGN
 - PROPOSED CULVERT
 - SPOT ELEVATION
 - ② COORDINATE NUMBER
 - PROPOSED TOPSOIL & SEEDING
 - PROPOSED SHOTROCK DRIP STRIP

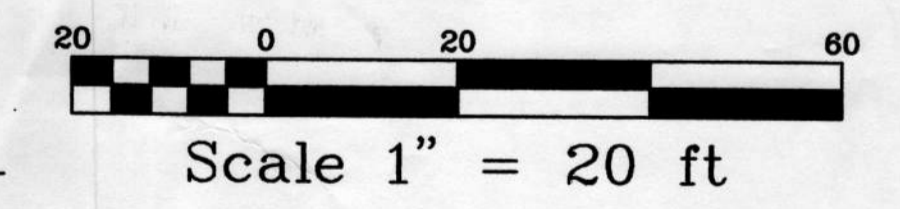
- NOTES**
1. VERTICAL DATUM IS BASED ON D.O.T. BM #2 AKA "D3". A 2 1/2" BRASS CAP IN ROCK OUTCROP ELEVATION 59.04. LOCATED NEAR CITY HALL.
 2. DASHED PARKING STALL LINES FOR INFORMATION PURPOSES.
 3. LANDSCAPE SEEDING TO CONSIST OF 4" TOPSOIL AND SEEDING.
 4. MAXIMUM SIDESLOPE ON LANDSCAPE AREAS IS 2' HORIZONTAL TO 1' VERTICAL.
 5. SEE ARCHITECTURAL FOR PAVILION (ADDITIVE ALTERNATE), 2' HORIZONTAL TO 1' VERTICAL.
 6. FIELD LOCATE UTILITIES AS REQUIRED.
 7. HCP PAD STRIPING TO BE 12" YELLOW STRIPES AT 45°, 36" ON CENTER, INSIDE A 12" BORDER.
 8. LOCATE LIGHT BOLLARDS 2' BACK OF CURB & SIDEWALK.
 9. LOCATE SIGNS TYPICALLY 3' BACK OF CURB & SIDEWALK.
 10. CURVE RADIUS AND SPOT ELEVATIONS TO FACE OF CURB.

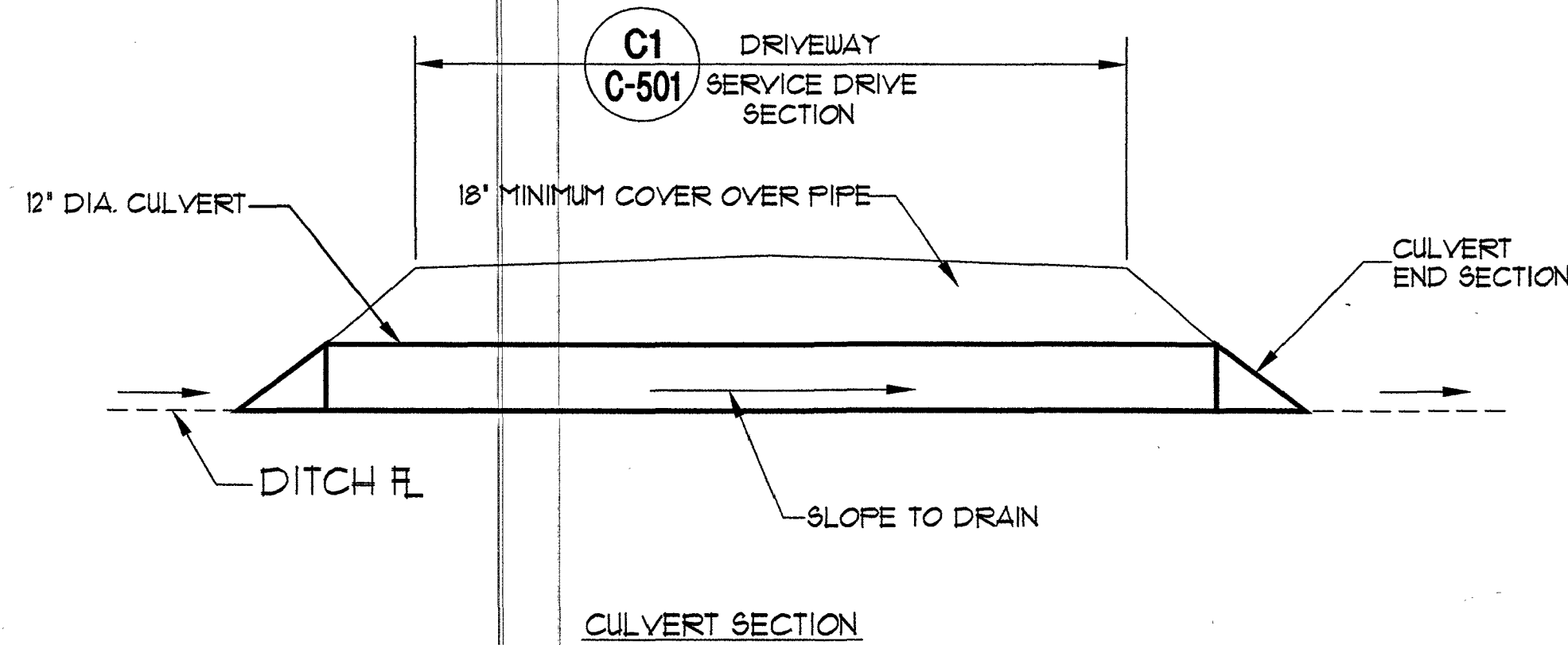
HAYSTACK HILL
 SUBDIVISION
 TRACT B-1
 PLAT 91-14

LOT 1
 ISLAND ELDER
 SUBDIVISION
 PLAT 95-8

ELEANOR
 SPERNAK SUBD
 TRACT C
 PLAT 92-37

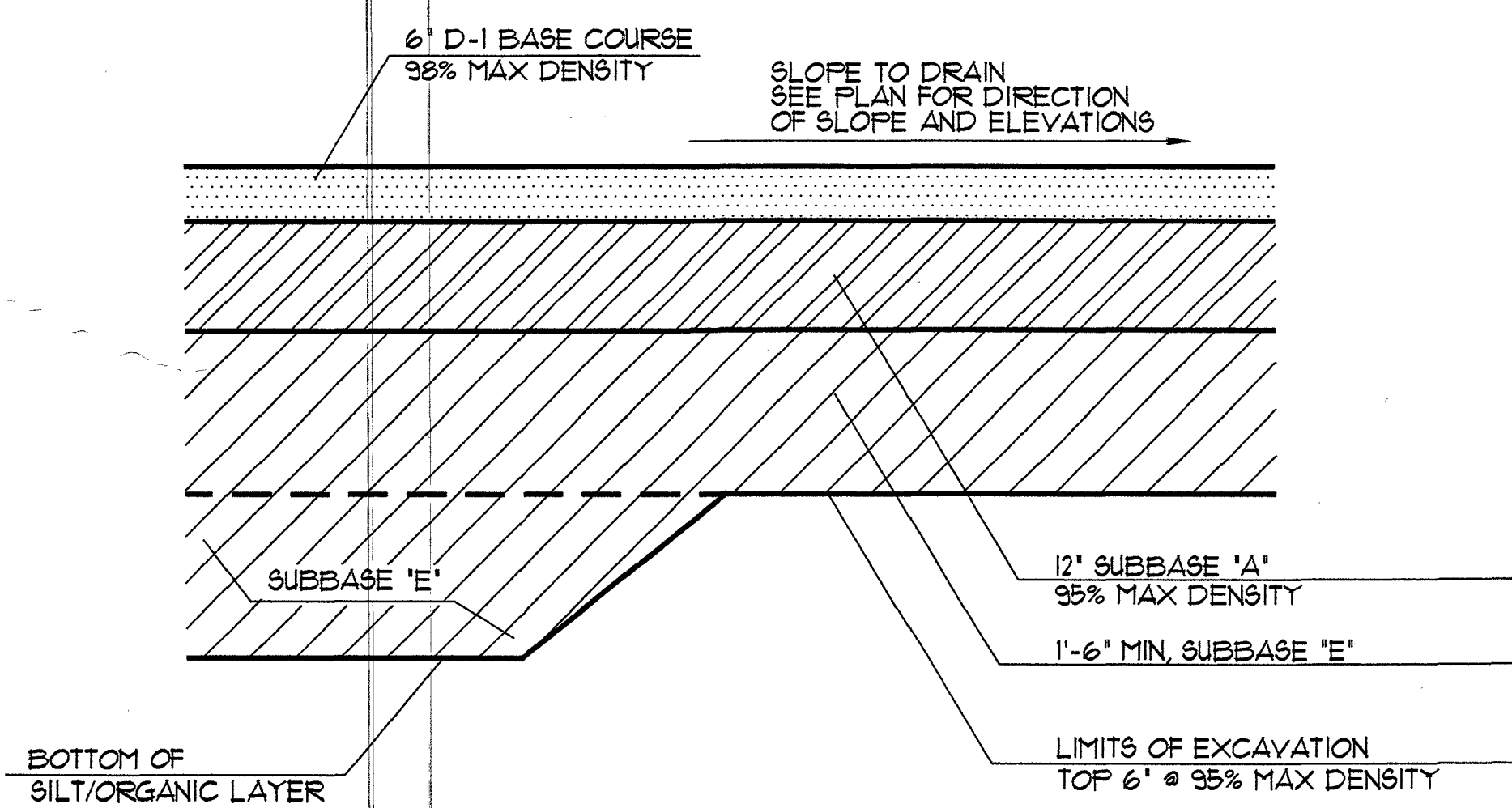
READER
 SUBDIVISION
 (REPLAT)



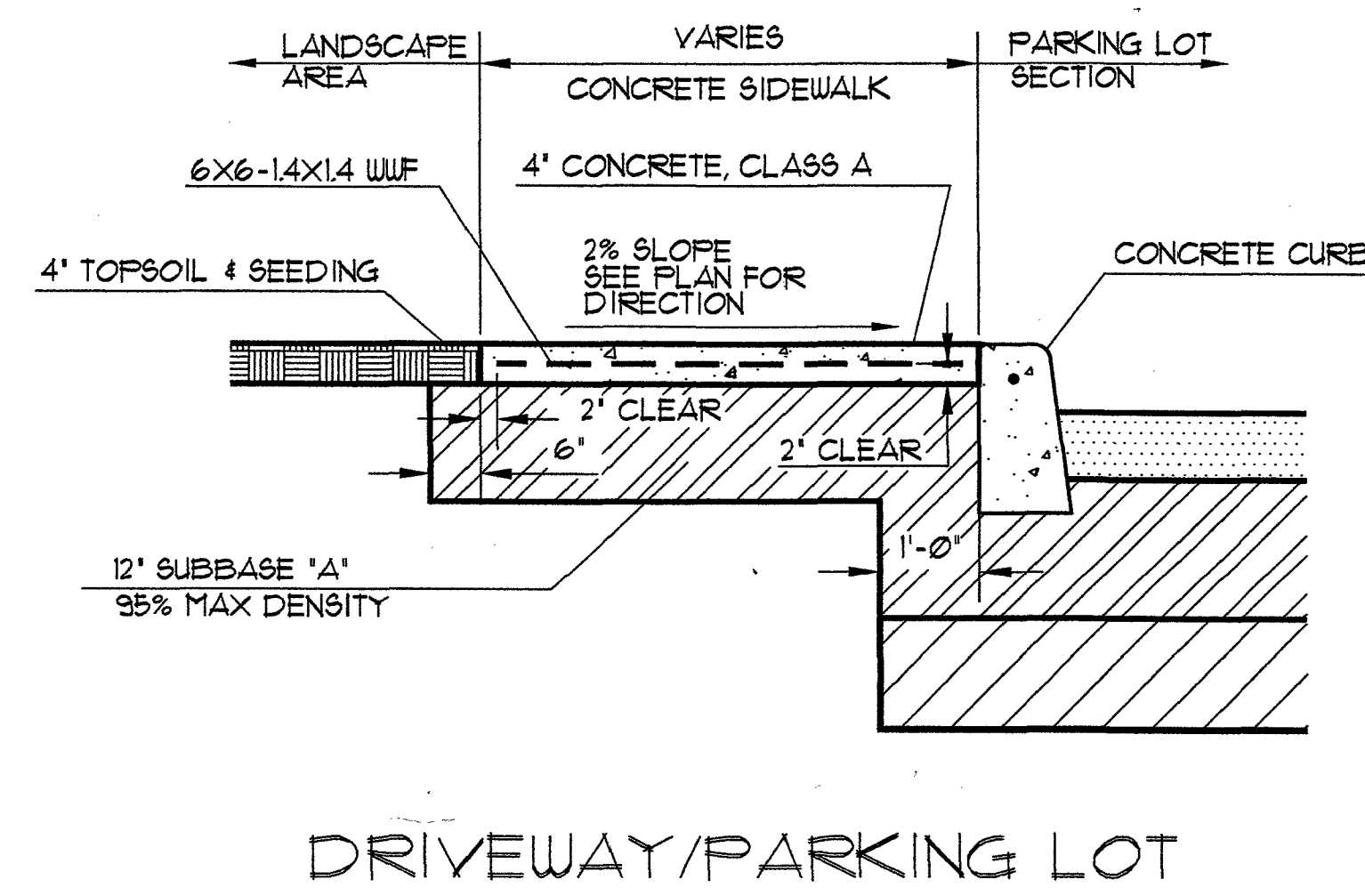
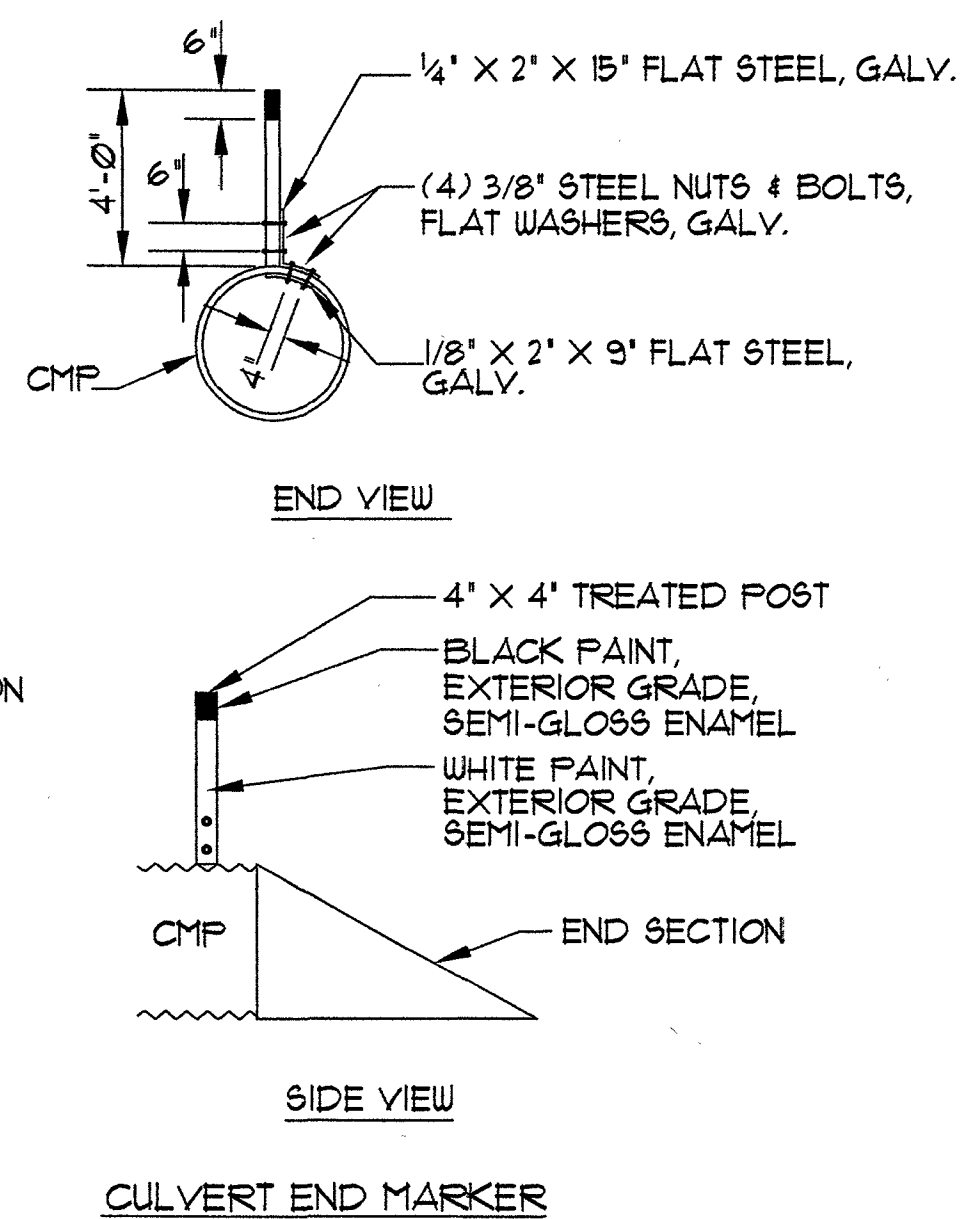


B1 CULVERT SECTION
C-301 SCALE: NT5

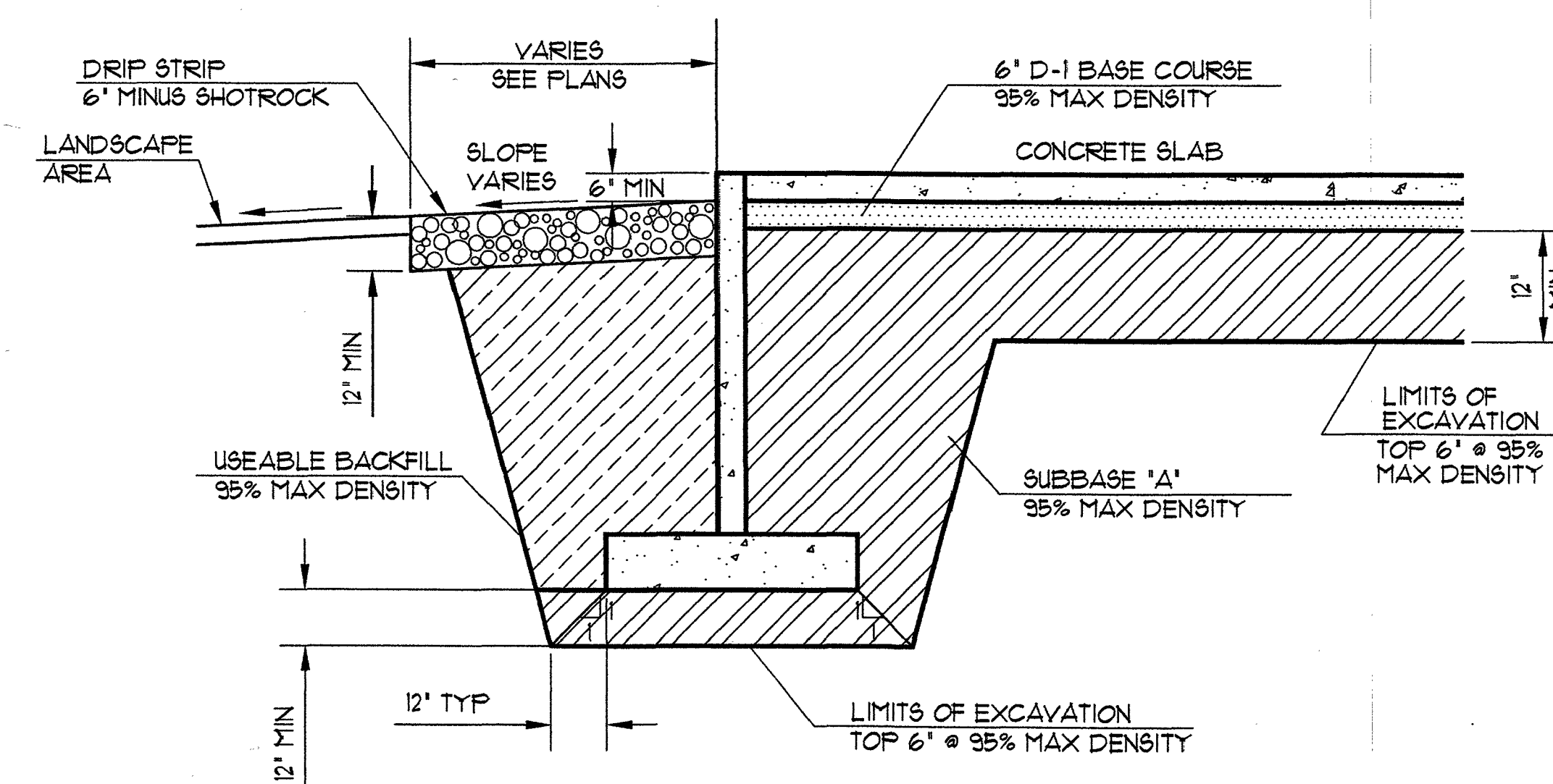
NOTES:
1. SIMILAR CROSS SECTION FOR TOP OF UTILITY TRENCH IN ELEANOR DRIVE.



A1 DRIVEWAY/PARKING LOT/SERVICE YARD SECTION
C-301 SCALE: NT5



B3 CONCRETE SIDEWALK SECTIONS
C-301 SCALE: NT5



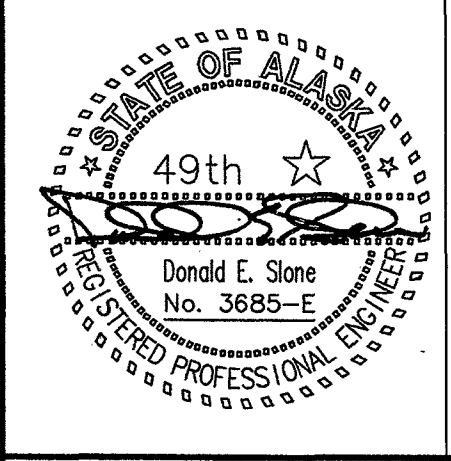
A3 FOUNDATION EXCAVATION/BACKFILL SECTION
C-301 SCALE: NT5

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF UNALASKA AND ADOT/PP STANDARD SPECIFICATIONS & DETAILS.
2. FILL AND TRENCH SIDESLOPES SHALL CONFORM TO OSHA REGULATIONS.
3. CONTRACTION JOINTS SHALL BE SPACED AT 5'-0" ON CENTER AND AT MATCH WITH OTHER CONCRETE STRUCTURES.
4. EXPANSION JOINTS SHALL BE SPACED AT 30'-0" ON CENTER AND AT MATCH WITH OTHER CONCRETE STRUCTURES.
5. BROOM FINISH SURFACE IN DIRECTION TRANSVERSE TO TRAFFIC, WITH 6" WIDE SMOOTHLY FINISHED EDGING BOTH SIDES.

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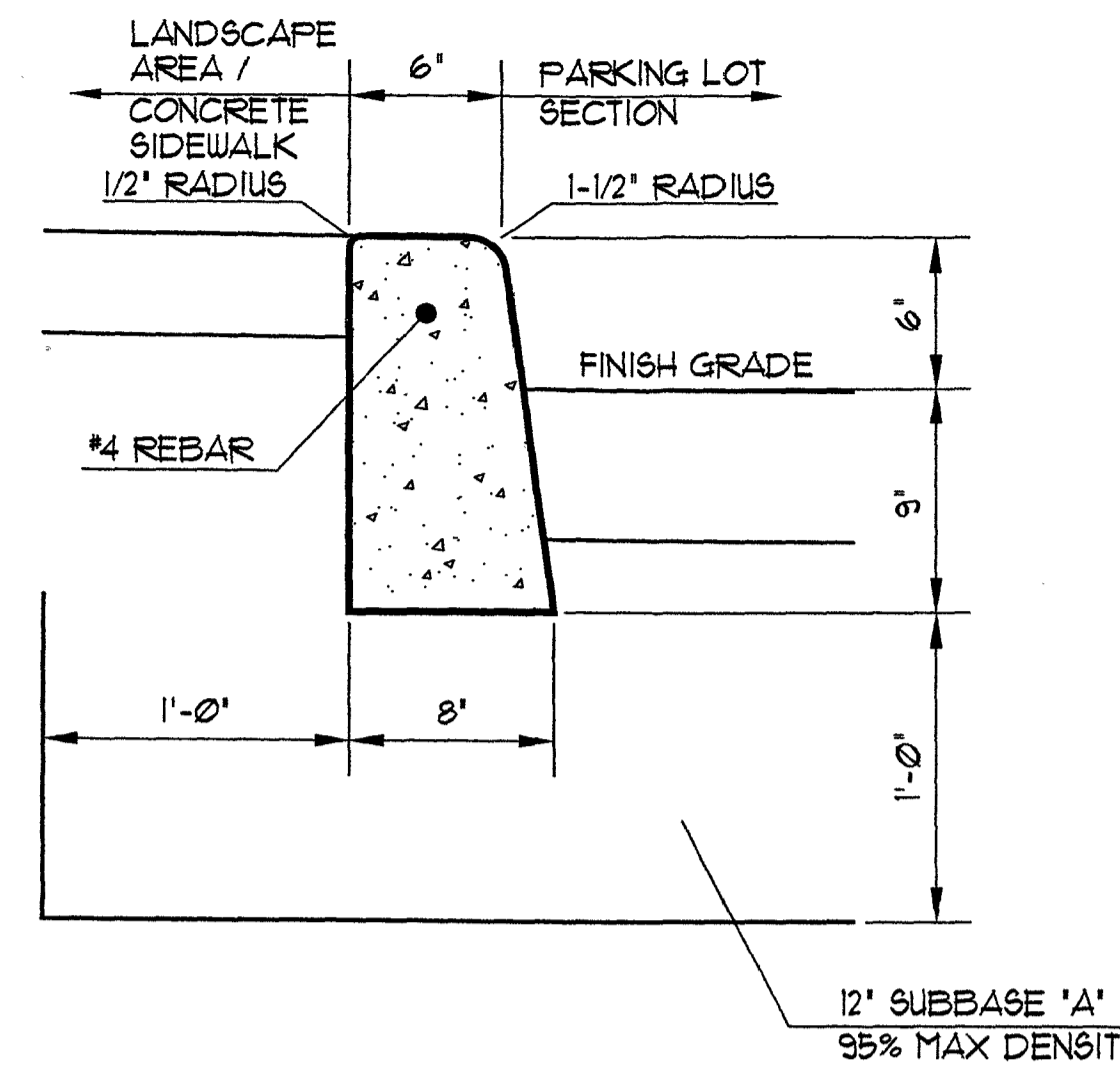


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PROJECT NO. 714.10
DRAWN BY: CKK
REVIEWED BY:
DATE APRIL 10, 1998

TITLE
SECTIONS

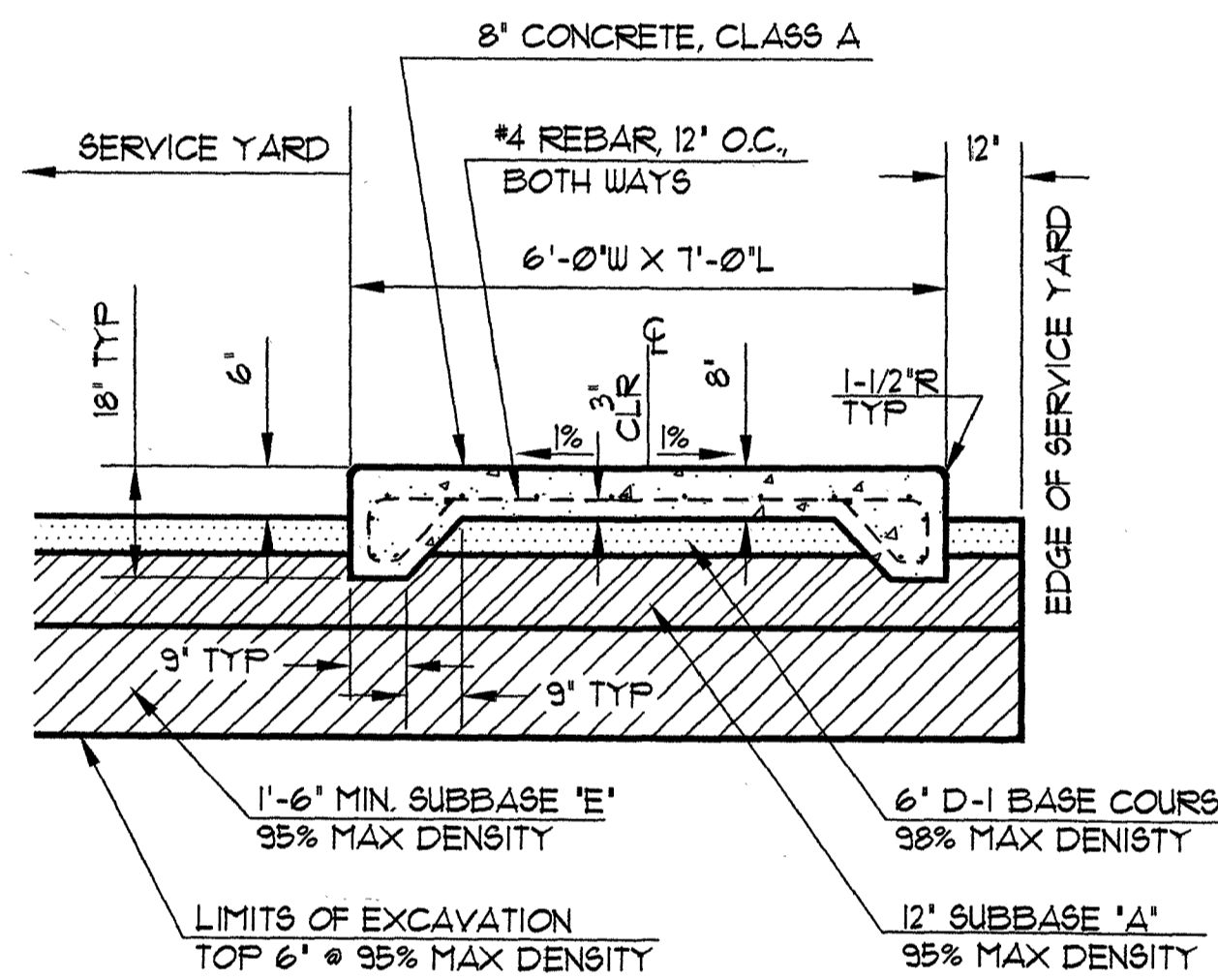
SHEET NO.
C-301



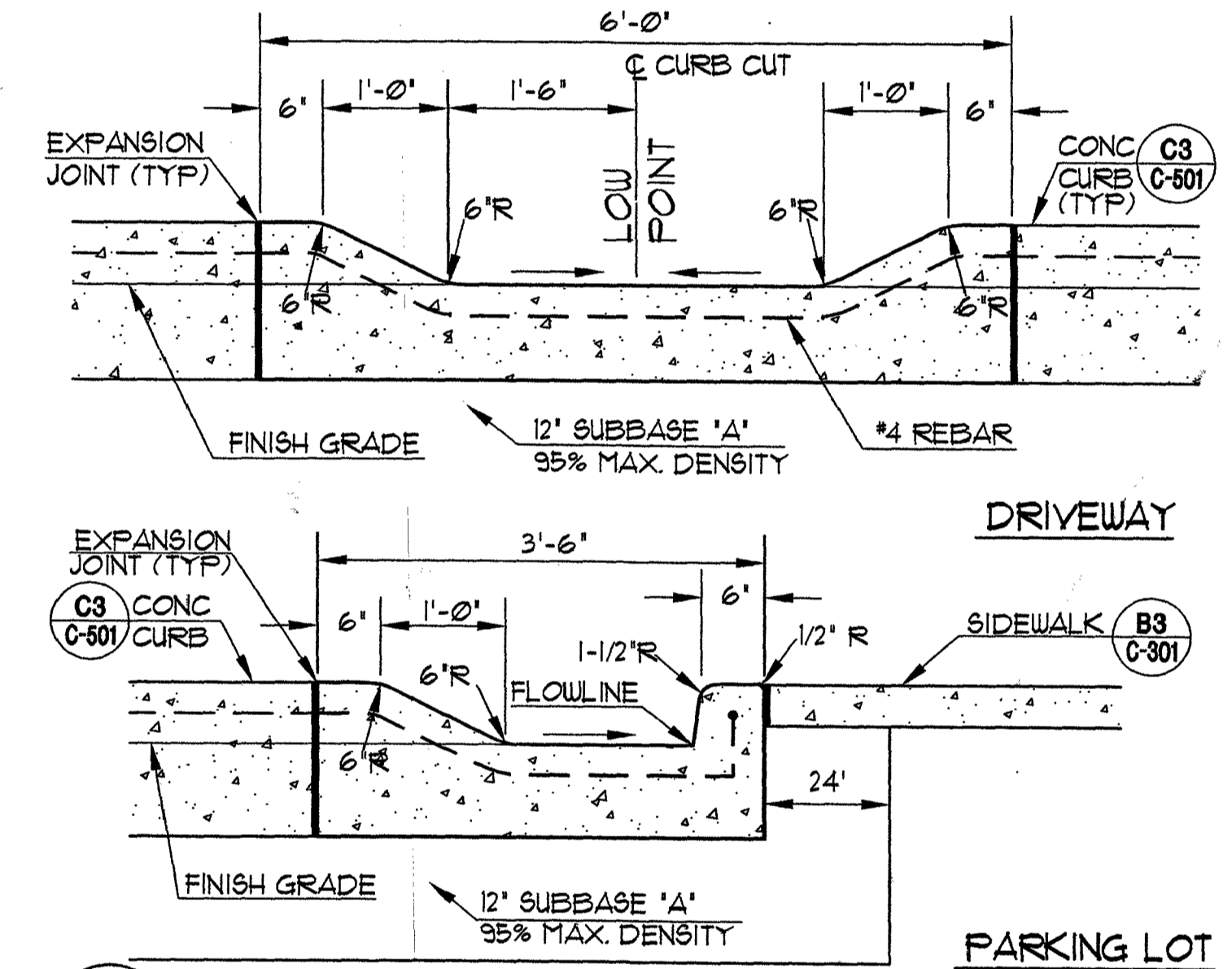
GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF UNALASKA AND ADOT/FF STANDARD SPECIFICATIONS & DETAILS.
2. FILL AND TRENCH SIDESLOPES SHALL CONFORM TO OSHA REGULATIONS.
3. CONTRACTION JOINTS SHALL BE SPACED AT 10'-0" ON CENTER.
4. EXPANSION JOINTS SHALL BE SPACED AT 30'-0" ON CENTER, AND AT MATCH WITH OTHER CONCRETE STRUCTURES.
5. SEE MECHANICAL FOR INSTRUCTIONS TO MOUNT FUEL TANK ON PAD.

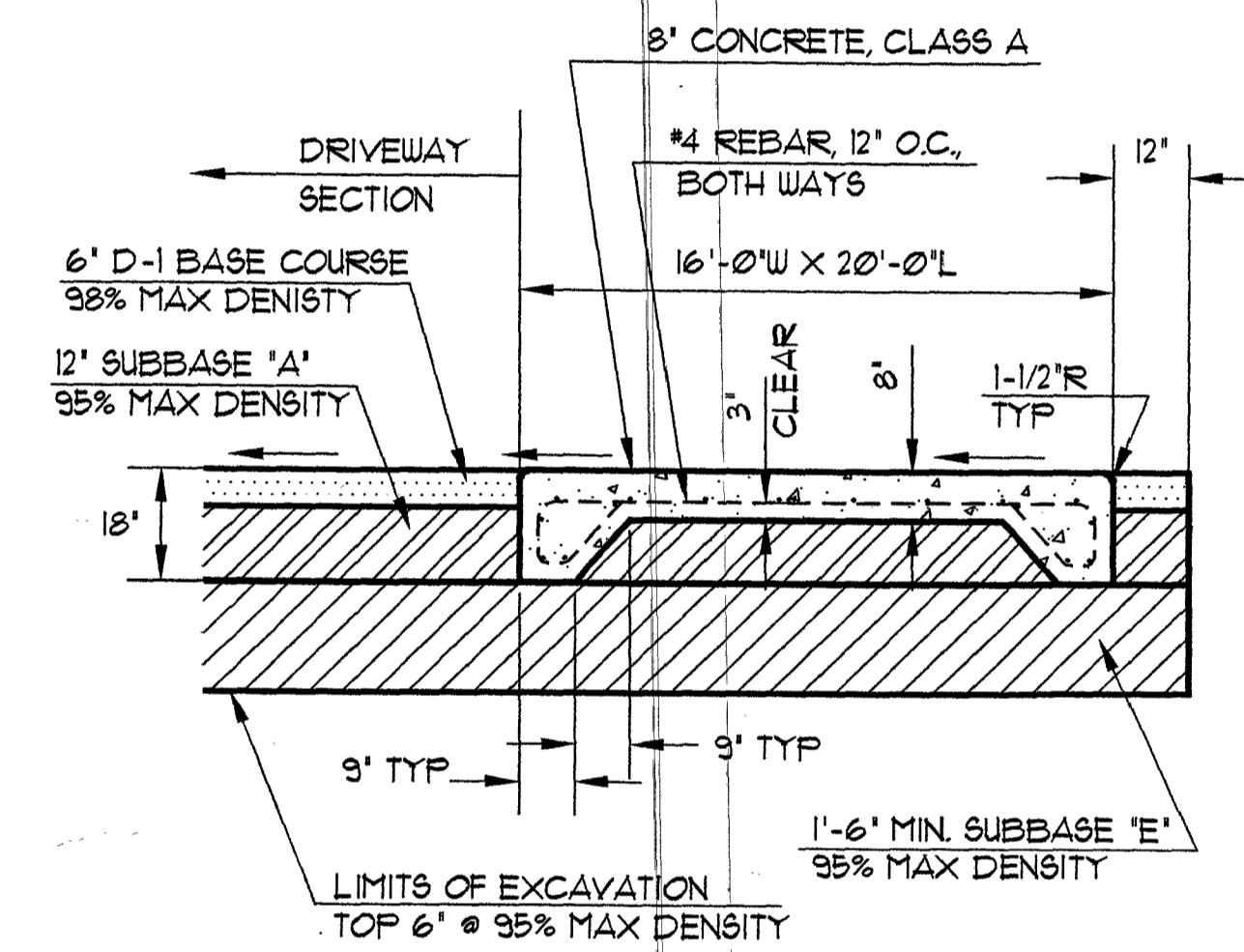
C3 CONCRETE CURB DETAILS
C-501 SCALE: NTS



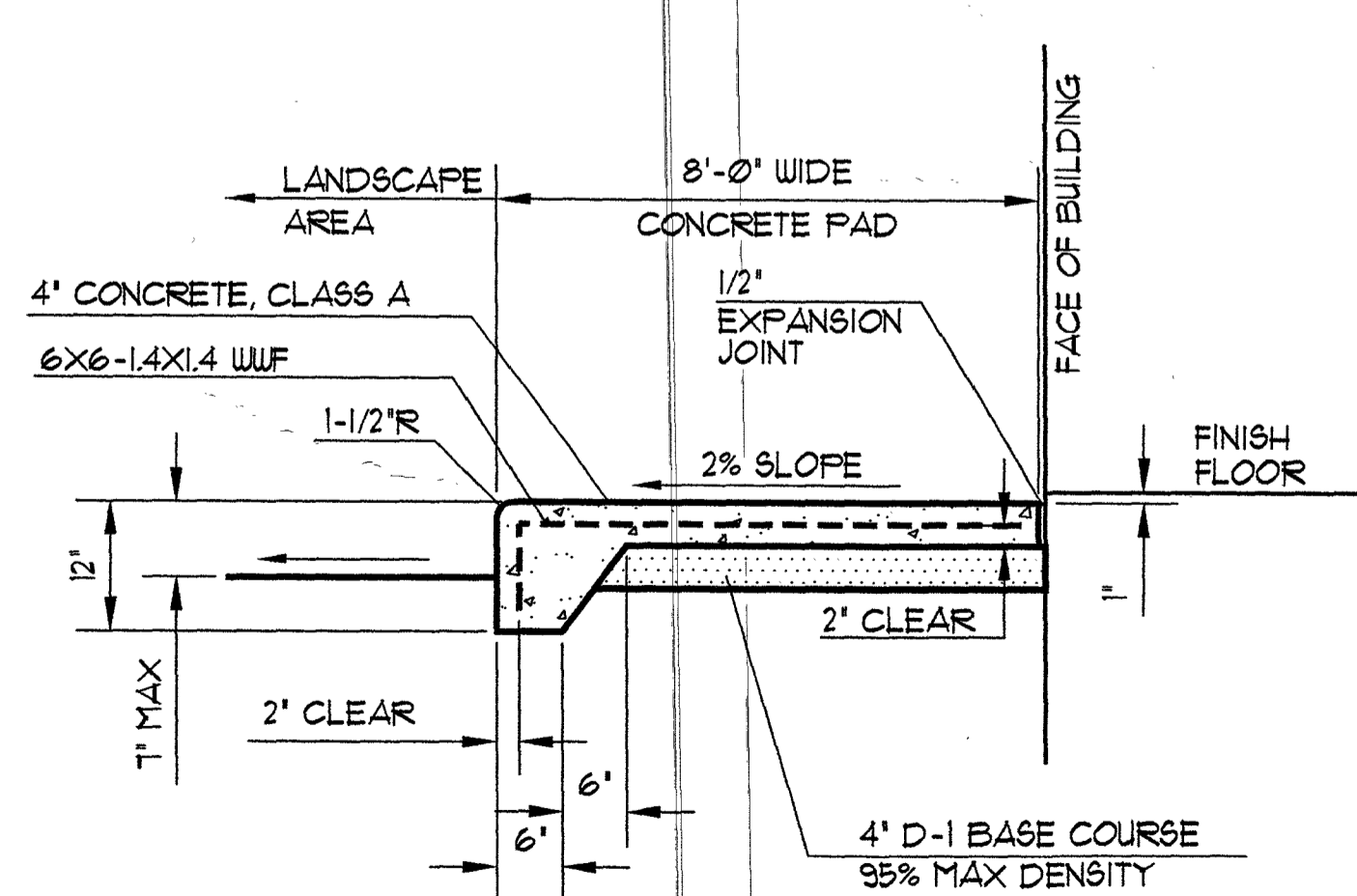
B3 CONCRETE FUEL TANK DETAIL
C-501 SCALE: NTS



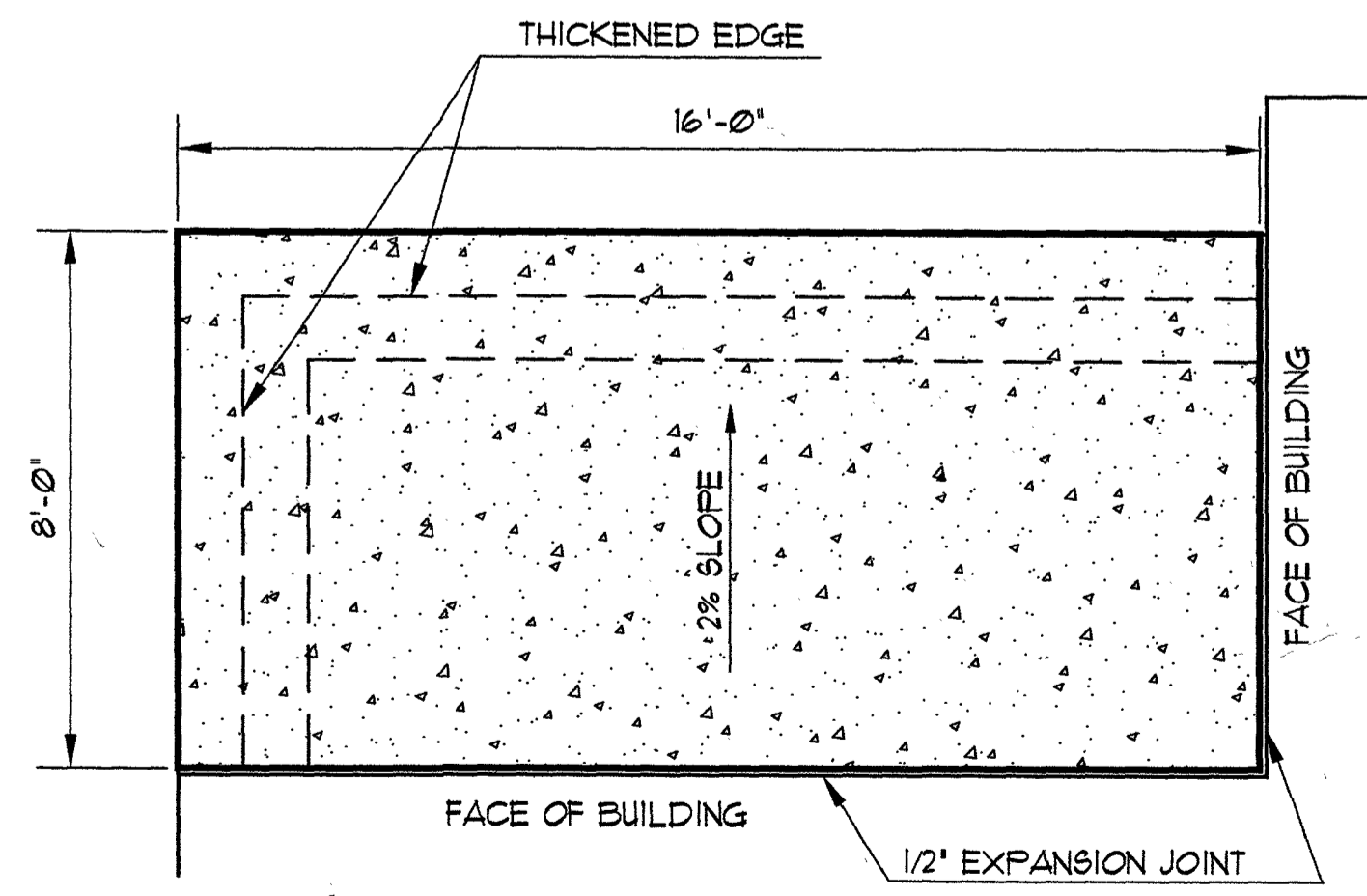
B4 CURB CUT DETAIL
C-501 SCALE: NTS



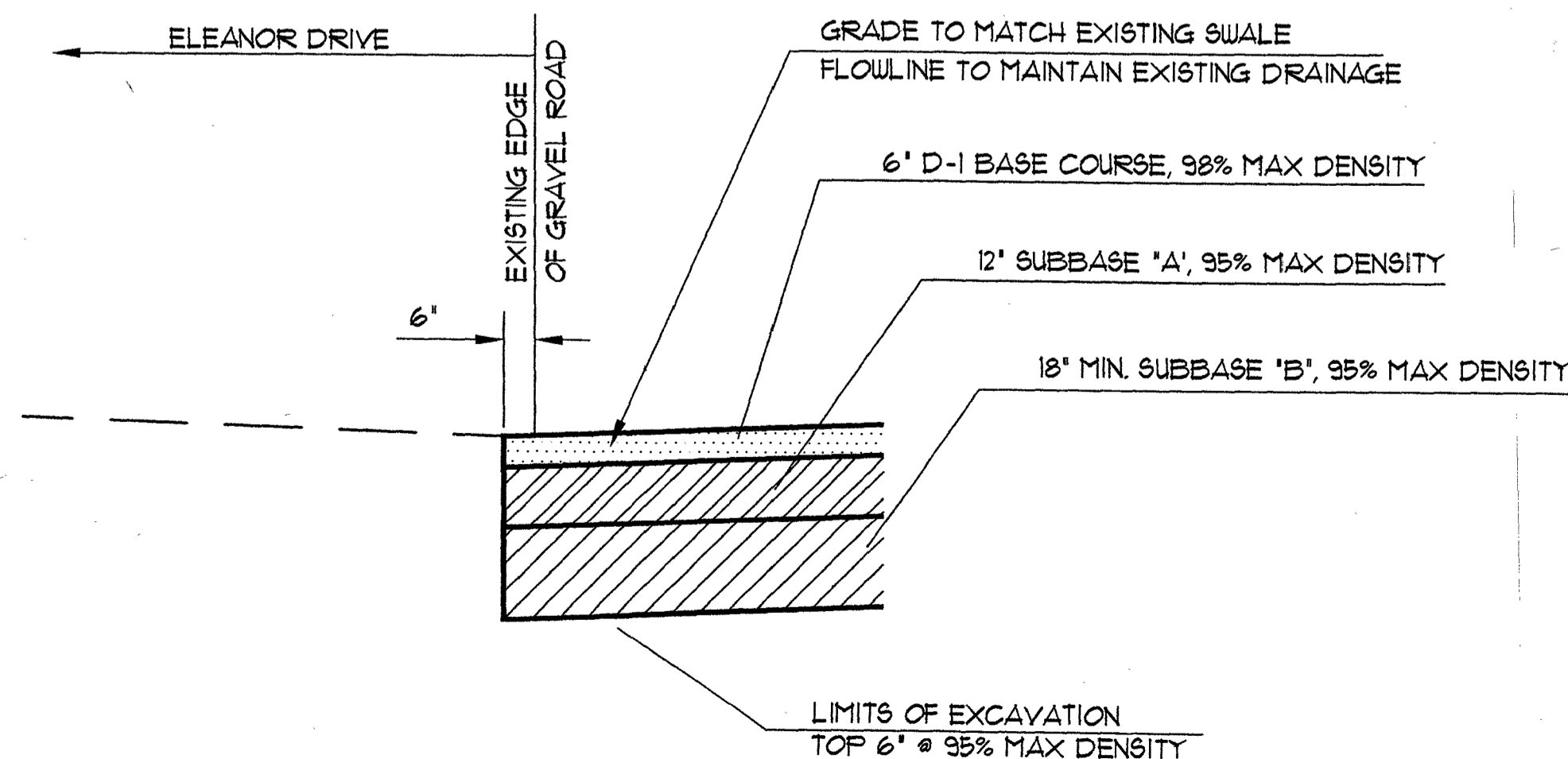
B1 CONCRETE HANDICAPPED PARKING PAD
C-501 SCALE: NTS

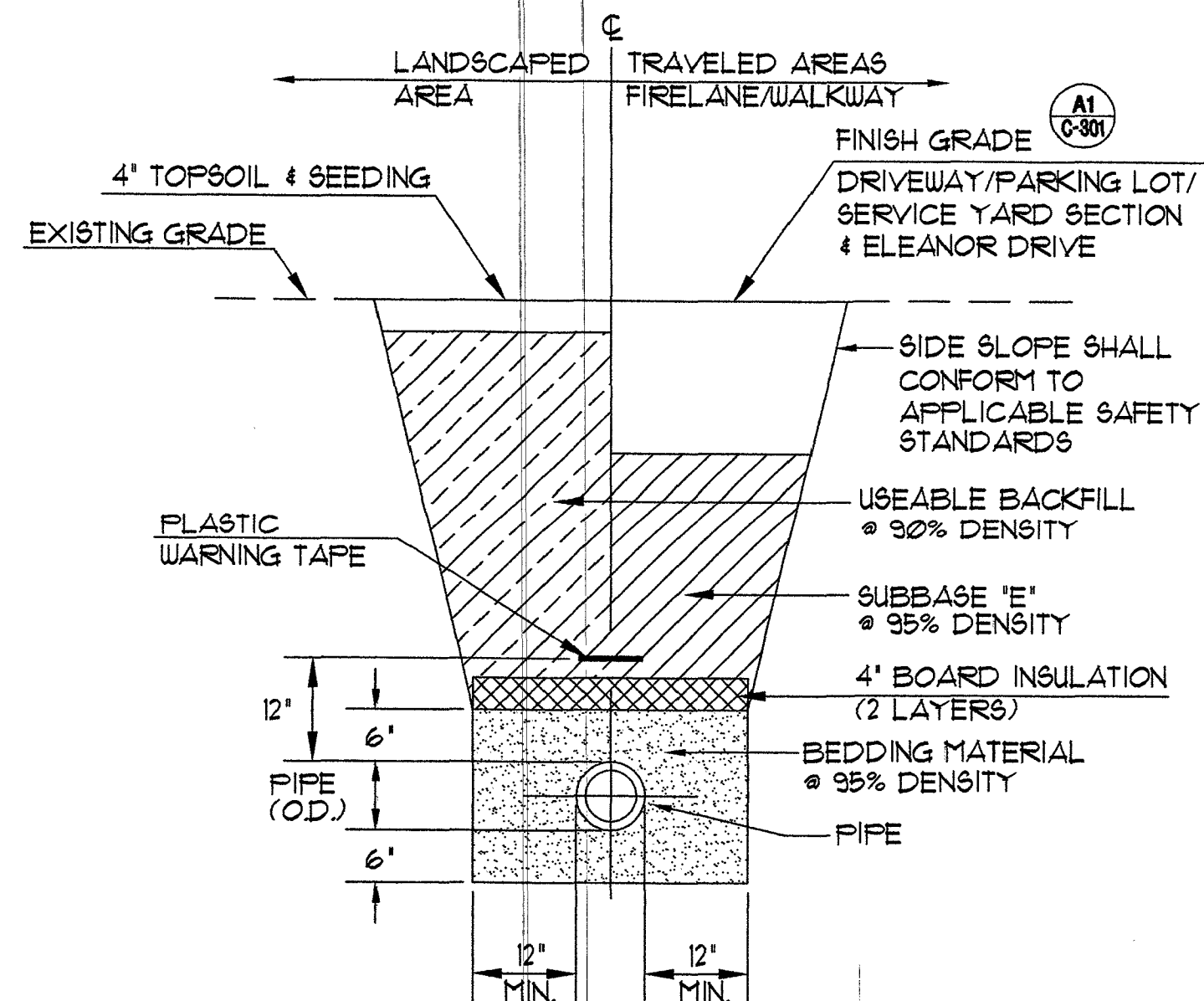


A1 CONCRETE PAD AT NW CORNER
C-501 SCALE: NTS



A3 DRIVEWAY MATCH DETAIL
C-501 SCALE: NTS

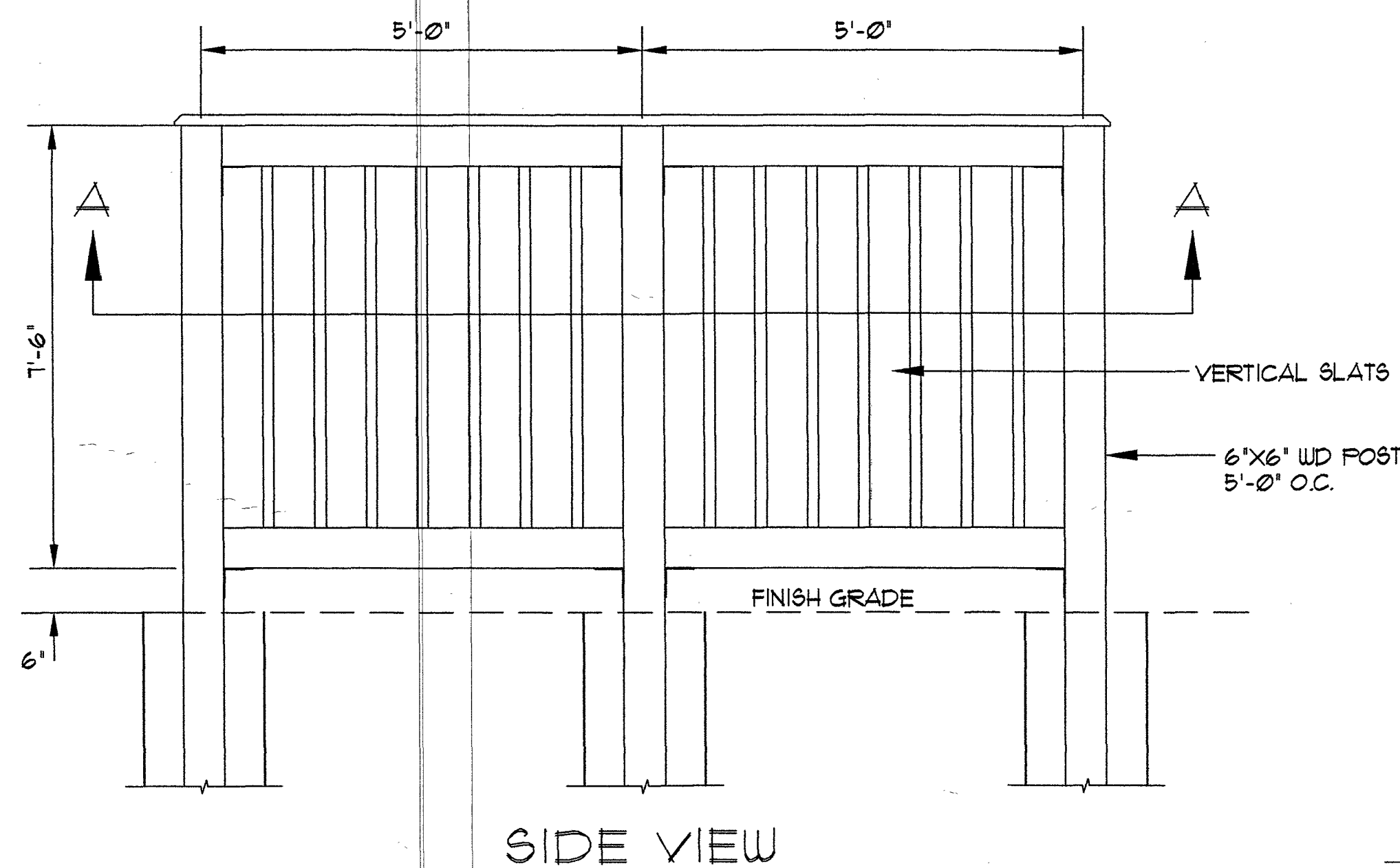
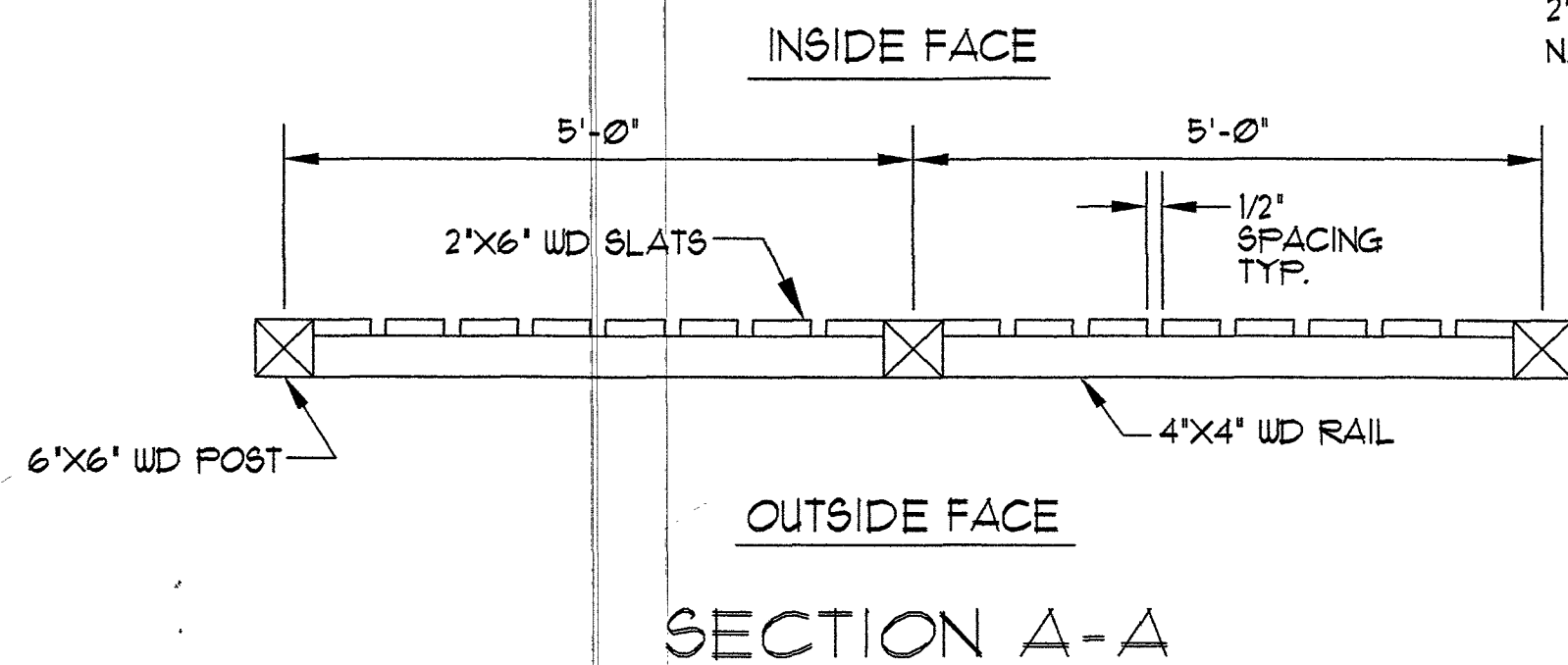




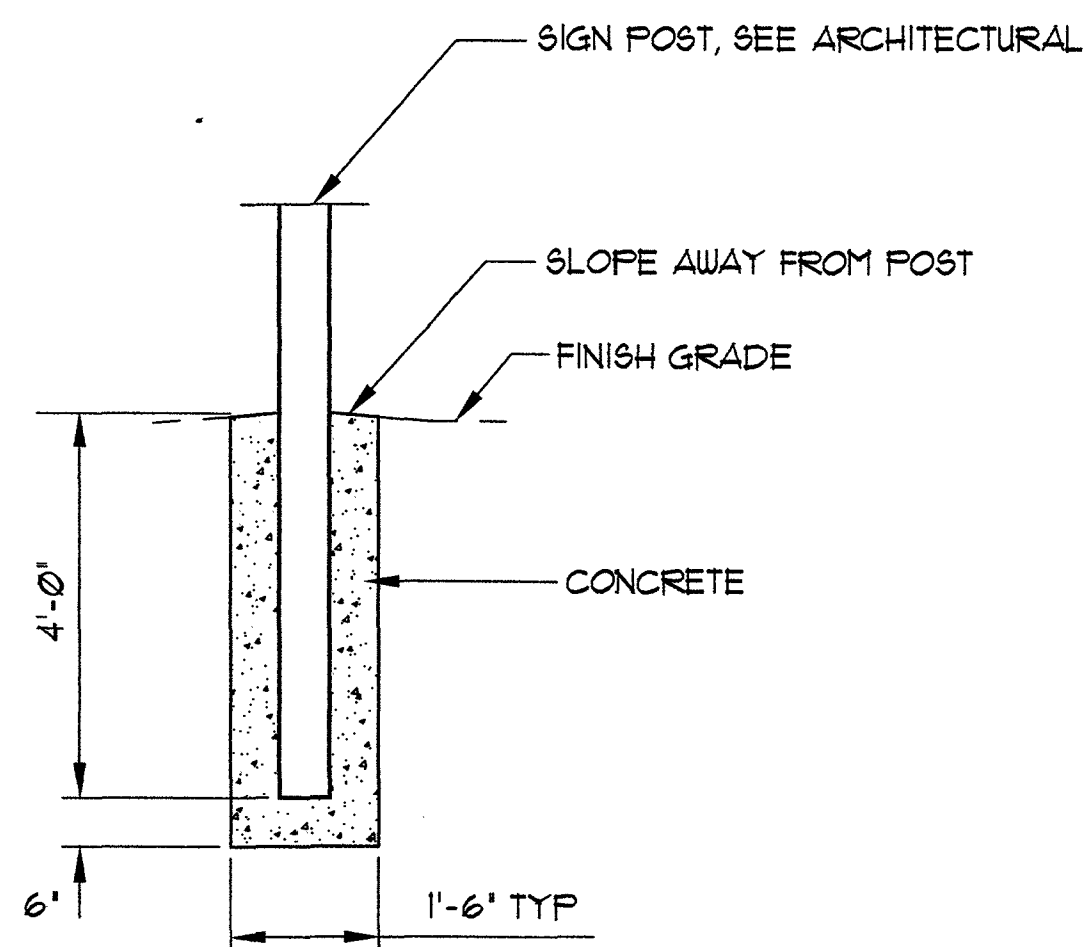
C1 TRENCH DETAIL
C-502 SCALE: NT5

NOTES

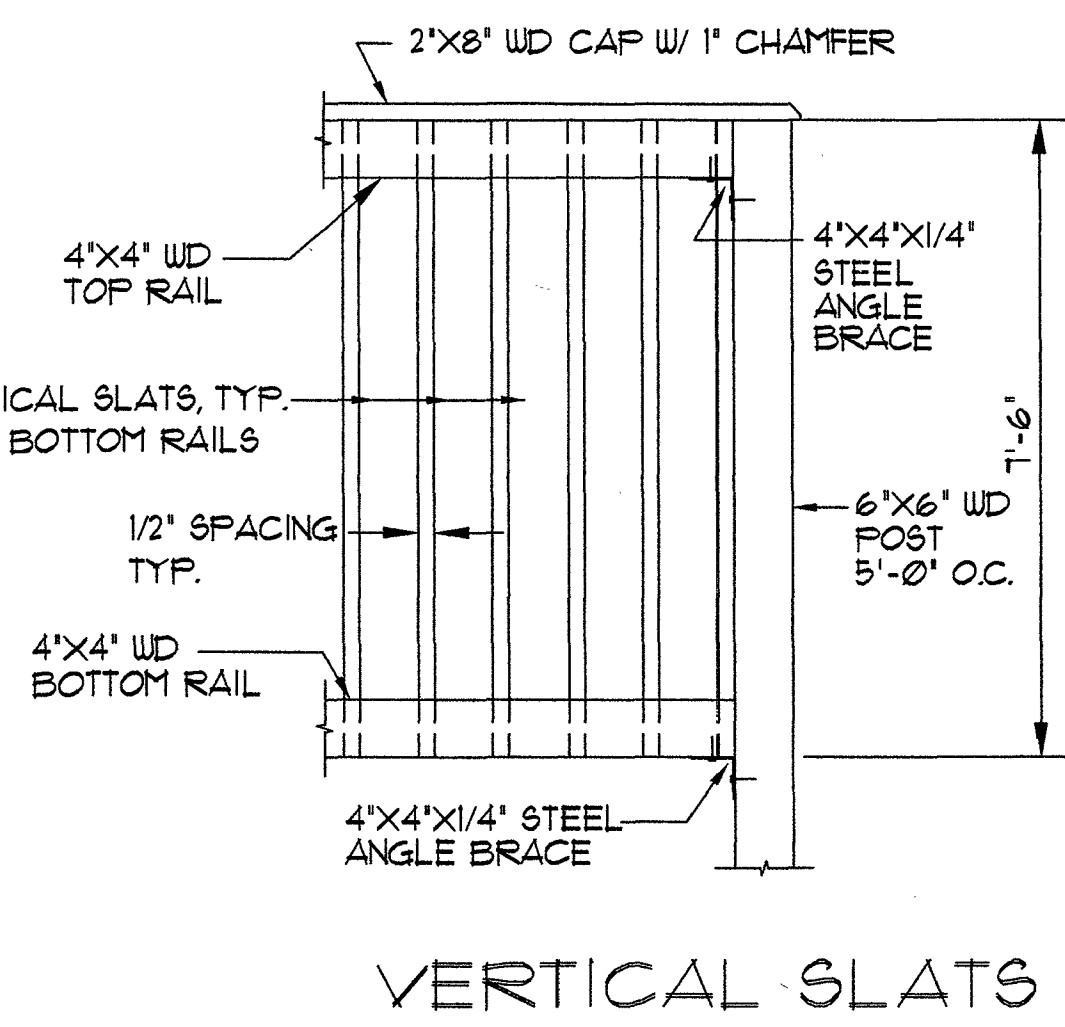
1. ALL WOOD SHALL CONFORM TO SECTION 06100, ROUGH CARPENTRY. WOOD SHALL BE 'ALL WEATHER WOOD'.
2. ALL NAILS, NUTS, BOLTS AND WASHERS SHALL CONFORM TO SECTION 05050, FASTENERS, MISCELLANEOUS.



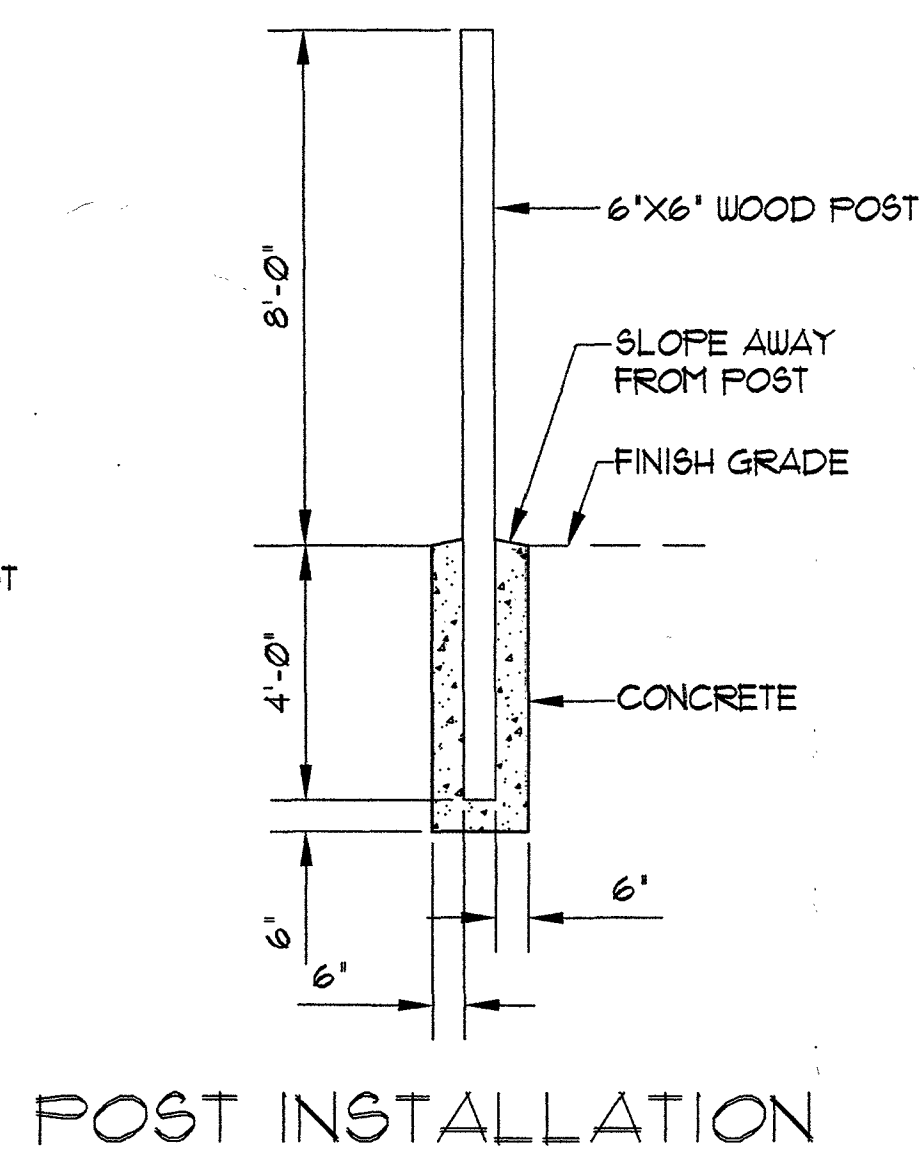
A1 WOOD SCREEN DETAIL
C-502 SCALE: NT5



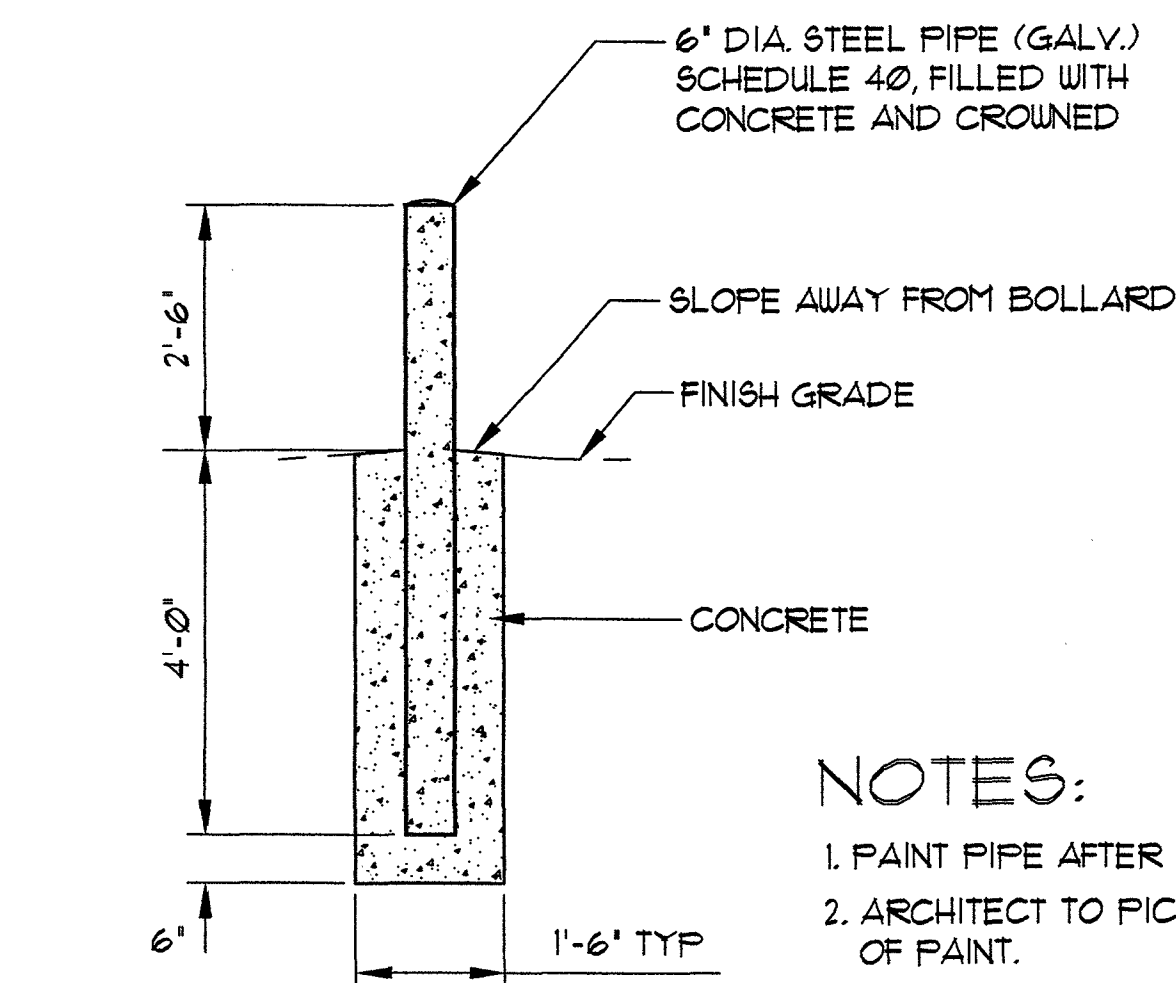
C2 ENTRY SIGN POST BASE
C-502 SCALE: NT5



VERTICAL SLATS



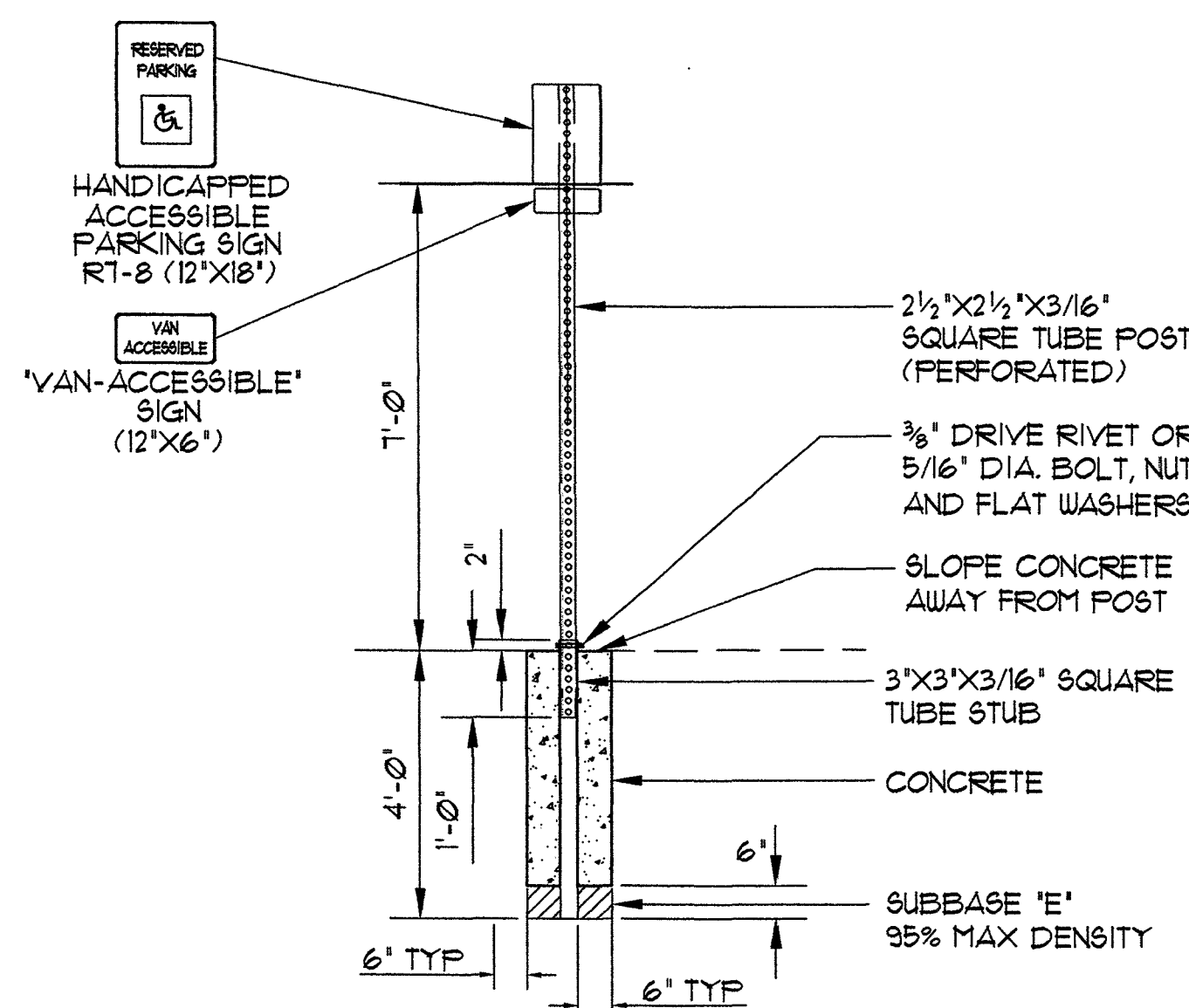
POST INSTALLATION



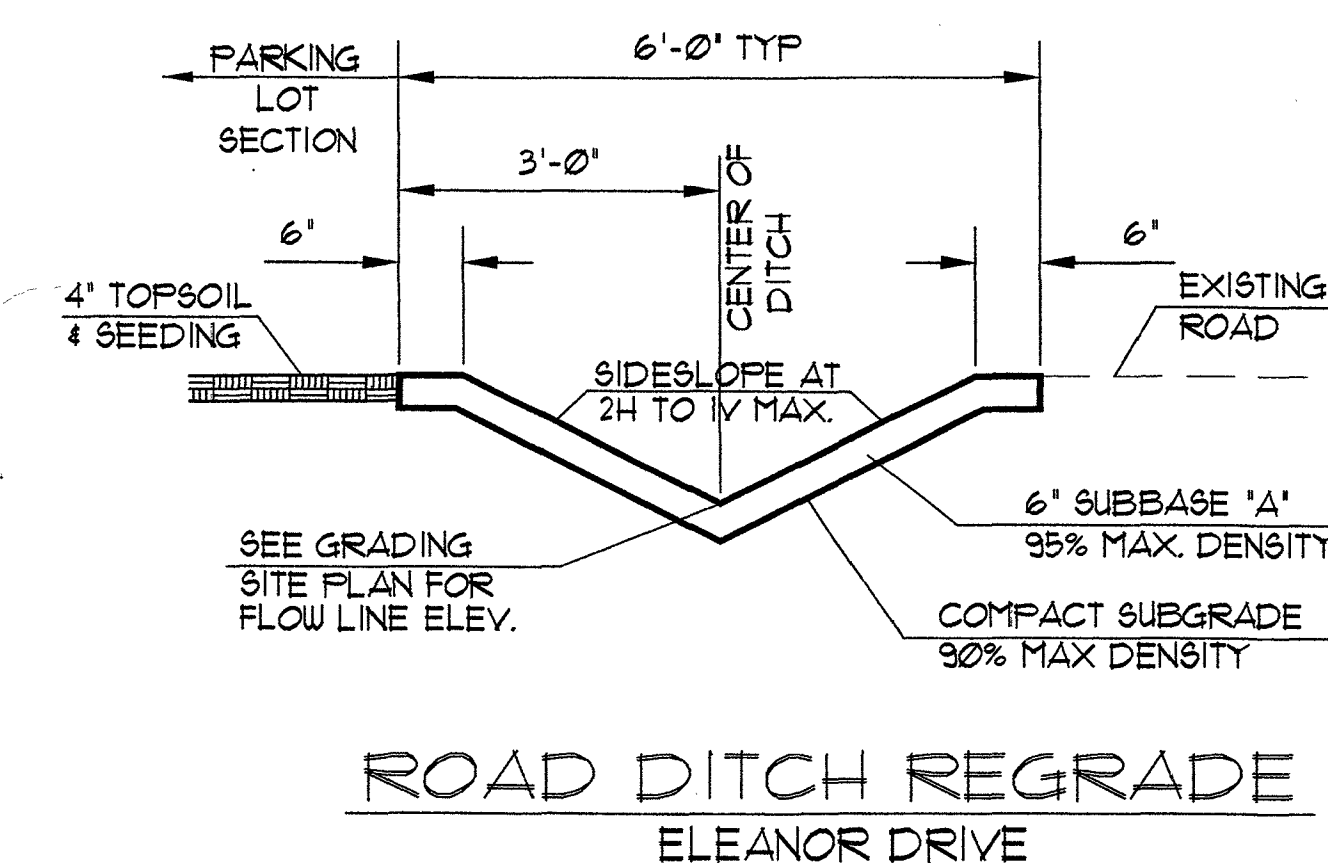
C3 BOLLARD
C-502 SCALE: NT5

NOTES:

1. PAINT PIPE AFTER INSTALLATION.
2. ARCHITECT TO PICK COLOR OF PAINT.



B3 SIGN DETAIL
C-502 SCALE: NT5



ROAD DITCH REGRADE
ELEANOR DRIVE

A3 DITCH/SWALE DETAIL
C-502 SCALE: NT5

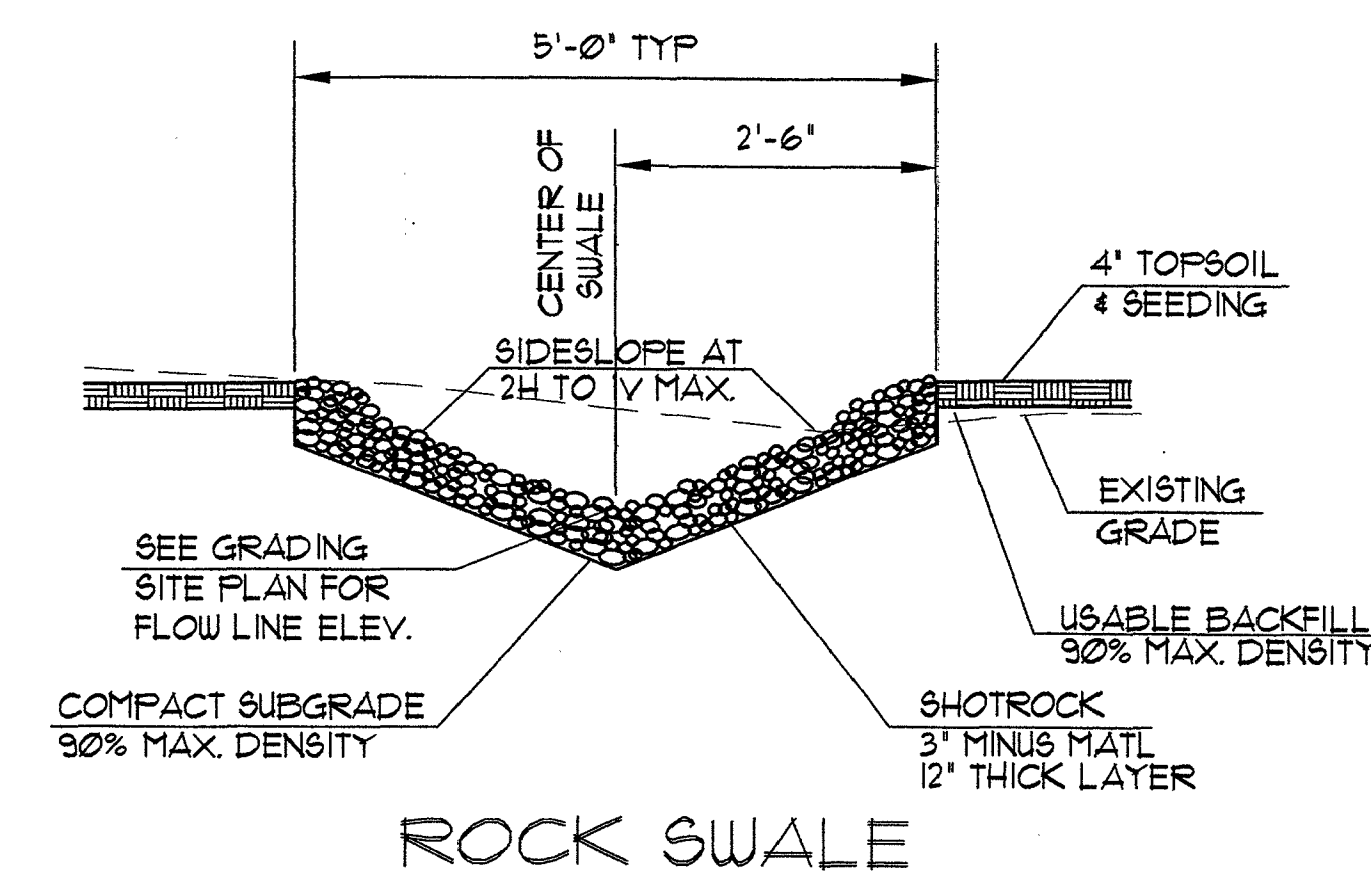
GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF UNALASKA AND ADOT/PP STANDARD SPECIFICATIONS & DETAILS.
2. FILL AND TRENCH SIDESLOPES SHALL CONFORM TO OSHA REGULATIONS.

SIGN TYPE	DESCRIPTION	SIZE
R 5-1	'DO NOT ENTER'	30' X 30'
R 7-8	'RESERVED PARKING' & 'VAN ACCESSIBLE'	12' X 18'
R 7-100	'NO PARKING'	12' X 18'
R 7-113	'NO PARKING' 'TOUR BUSES ONLY'	12' X 18'
R 6-1L	'ONE WAY'	36' X 12'
R 7-103	'NO PARKING' 'PASSENGER' 'LOADING ZONE'	12' X 18'

NOTES:

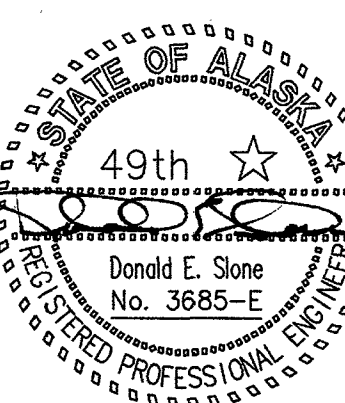
1. SIGNS SHALL CONFORM TO ALASKA DEPARTMENT OF TRANSPORTATION/PUBLIC FACILITIES (DOT/PP) SIGN DESIGN SPECIFICATIONS.
2. SIGNS SHALL HAVE BLACK LEGEND AND BORDER ON A WHITE BACKGROUND.
3. ALL STEEL TUBES NUTS, BOLTS AND WASHERS SHALL BE GALVANIZED AND CONFORM TO SECTION 05050, FASTENERS, MISCELLANEOUS.
4. SIGN POST SHALL BE CENTERED ON PARKING STALLS.



ROCK SWALE

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PROJECT NO. 714.10
DRAWN BY: CKK
REVIEWED BY:
DATE: APRIL 10, 1998

TITLE
DETAILS

SHEET NO.
C-502

ABBREVIATIONS

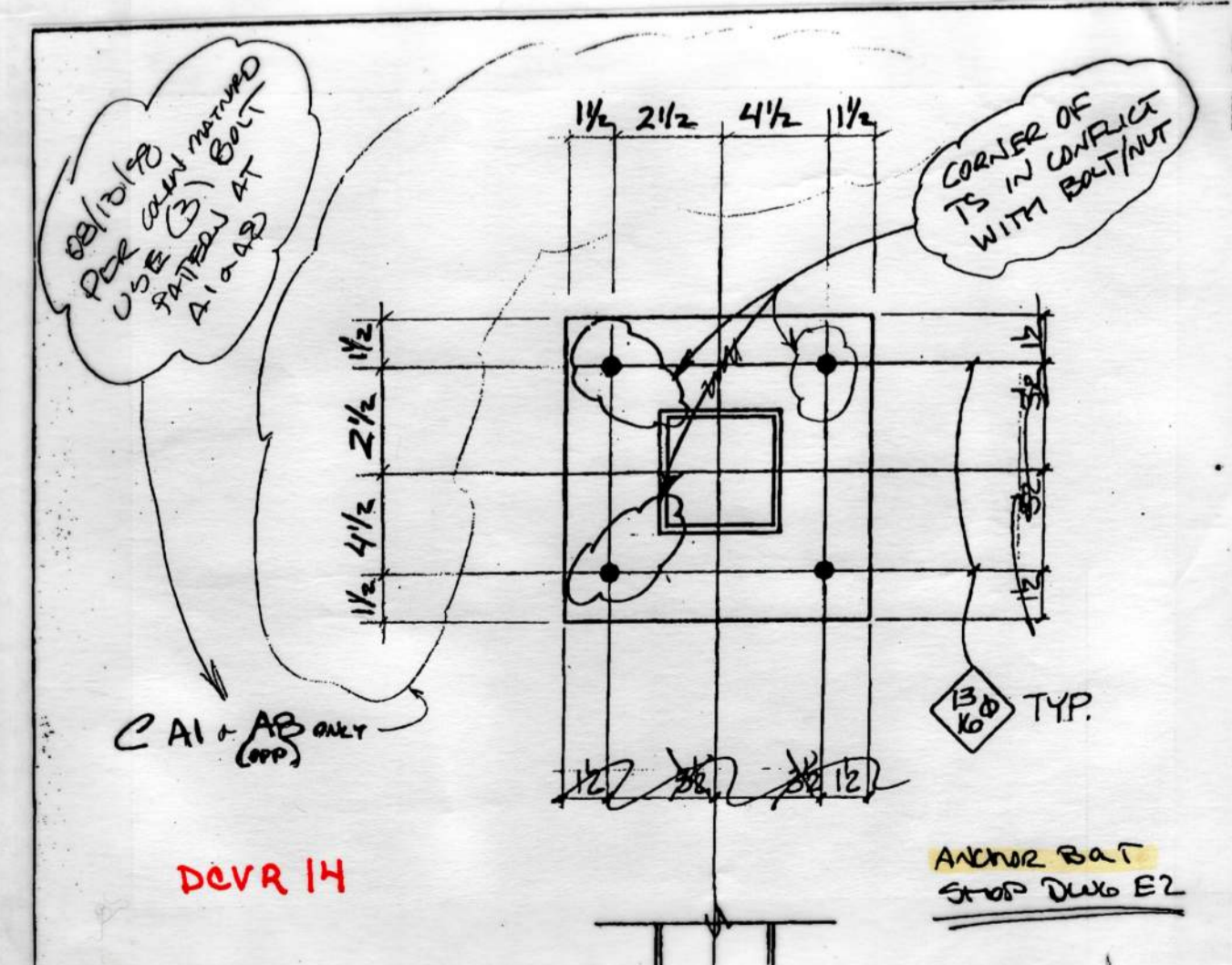
THESE ABBREVIATIONS APPLY TO STRUCTURAL PLANS AND DETAILS

Table of abbreviations for structural plans and details, including terms like AB, A/C, ACI, ADDL, AGGR, AISC, etc.

GENERAL STRUCTURAL NOTES

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

Code: UNIFORM BUILDING CODE, 1994 EDITION. DESIGN SOIL PRESSURE: 2000 PSF MAX DEAD + LIVE LOAD. DESIGN LINE LOADS: ROOF = 45 PSF, SNOW DRIFT = APPENDIX CHAPT 16, DIV 1, MECHANICAL FLOOR = 75 PSF, WIND = 130 MPH, EXPOSURE D, qs = 43.3 PSF, I = 1.0. REINFORCED CONCRETE: ALL CONCRETE - fc = 2500 PSI, MAXIMUM W/C = 0.50, EXCEPT SLAB ON GRADE - fc = 4000 PSI, MAXIMUM W/C = 0.45. STEEL DECKING: STEEL DECKING DESIGNED, MANUFACTURED AND INSTALLED PER STEEL DECK INSTITUTE SPECIFICATIONS. ICBO CERTIFICATION REQUIRED. SUBMIT SHOP DRAWINGS. COMMERCIAL WEIGHT GALVANIZED FINISH ON ALL DECKING.



ANCHOR BOLTS: ANCHOR BOLTS, ASTM A307. SET ALL ANCHOR BOLTS BY TEMPLATE. DRILL-IN EXPANSION BOLTS: "KWIK-BOLT II" BY HILTI FASTENING SYSTEMS, "REDHEAD WEDGE ANCHOR" BY ITW RAMSET/RED HEAD OR APPROVED EQUAL. ICBO CERTIFICATION REQUIRED. STRUCTURAL STEEL: ALL STEEL ASTM A36, Fy = 36 KSI, EXCEPT TUBE STEEL TO BE ASTM A500, GRADE B, Fy = 46 KSI. SPECIAL INSPECTION REQUIRED. FABRICATION AND ERECTION PER AISC SPECIFICATIONS. SUBMIT SHOP DRAWINGS. WELDING PER AWS D1.1. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET. WELDERS CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION. HIGH-STRENGTH BOLTS PER ASTM A325. TYPICAL BOLTED CONNECTIONS - BEARING TYPE. TENSION HIGH-STRENGTH BOLTS BY DIRECT TENSION INDICATOR METHOD USING LOAD INDICATOR DEVICES INSTALLED PER MANUFACTURER'S INSTRUCTIONS. APPLY ONE COAT OF SHOP PAINT TO ALL STEEL EXCEPT FOR CONTACT SURFACES IN BOLTED PARTS, SURFACES EMBEDDED IN CONCRETE OR AREAS TO BE FIELD WELDED. HEADED SHEAR STUDS - "NELSON STUDS" BY NELSON DIVISION OF TRW INC. OR APPROVED EQUAL, AUTOMATICALLY END WELDED. USE 3/4" DIA. X 3 1/4" STUDS @ 12" OC MINIMUM ON TOP OF ALL FLOOR BEAMS SUPPORTING A CONCRETE SLAB. CAMBER BEAMS L/480 AT MIDSPAN FOR ALL SPANS GREATER THAN 20'-0". STEEL JOISTS: Fy = 50 KSI. STEEL JOISTS AND GIRDERS DESIGNED, MANUFACTURED AND INSTALLED PER STEEL JOIST INSTITUTE SPECIFICATIONS. ICBO CERTIFICATION REQUIRED. CHORD SIZES INDICATED ON PLANS ARE MINIMUM ONLY. ROOF DESIGN DEAD LOAD - 20 PSF MINIMUM. NET ROOF DESIGN WIND UPLIFT - 75 PSF MINIMUM. DESIGN JOISTS FOR SUPPORT OF DEAD, LIVE, SNOW DRIFT AND WIND LOADS AND MECHANICAL EQUIPMENT, PIPING, PARTITIONS, ETC AS REQUIRED. COORDINATE WEIGHTS, LOCATIONS AND SUPPORT DETAILS. SUBMIT SHOP DRAWINGS. SUBMIT DESIGN CALCULATIONS STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN STATE OF ALASKA. PROVIDE BRIDGING AND ERECTION BRACING PER MANUFACTURER'S INSTRUCTIONS. PROVIDE STANDARD JOIST CAMBER.

STEEL DECKING

STEEL DECKING DESIGNED, MANUFACTURED AND INSTALLED PER STEEL DECK INSTITUTE SPECIFICATIONS. ICBO CERTIFICATION REQUIRED. SUBMIT SHOP DRAWINGS. COMMERCIAL WEIGHT GALVANIZED FINISH ON ALL DECKING. CELLULAR DECKING - 3" DP x 20 GA/20 GA COMPOSITE DECK, lmin = 1.464 IN4 PER FOOT, Smin = 0.667 IN3 PER FOOT, IN AS LONG OF LENGTHS AS PRACTICABLE. DESIGN COMPOSITE FLOOR DECK AS A FORM PER AISI AND SDI SPECIFICATIONS AND PROVIDE EMBOSSEMENTS AND INDENTATIONS IN THE DECK TO DEVELOP COMPOSITE ACTION WITH THE CONCRETE FILL. CONCRETE FILL OVER CELLULAR DECK - 2" THICK, fc = 4000 PSI, MAXIMUM W/C = 0.45, UNIT WEIGHT - 145 PCF MAXIMUM. REINFORCE WITH 6x6-W1.4xW1.4 WELDED WIRE FABRIC. FASTEN CELLULAR DECK UNITS TO CONCRETE SLAB ON GRADE WITH 3 - 0.145" DIAMETER X 1" EMBED POWDER ACTUATED OR PNEUMATIC FASTENERS IN EACH DECK SHEET AT EACH END AND AT 4'-0" ON CENTER. FLOOR DECKING - 1 1/2" DP x 20 GA COMPOSITE DECK, lmin = 0.216 IN4 PER FOOT, Smin = 0.235 IN3 PER FOOT, CONTINUOUS OVER 3 SPANS MINIMUM. DESIGN COMPOSITE FLOOR DECK AS A FORM PER AISI AND SDI SPECIFICATIONS AND PROVIDE EMBOSSEMENTS AND INDENTATIONS IN THE DECK TO DEVELOP COMPOSITE ACTION WITH THE CONCRETE FILL. CONCRETE FILL OVER FLOOR DECK - 2 1/2" THICK, fc = 3000 PSI, MAXIMUM W/C = .48, UNIT WEIGHT - 145 PCF MAXIMUM. REINFORCE WITH 6x6-W1.4xW1.4 WELDED WIRE FABRIC. FASTEN FLOOR DECK UNITS TO STEEL AT TRANSVERSE AND END SUPPORTS WITH 3/4" DIAMETER SPOT WELDS AT 18" ON CENTER. FASTEN UNITS TO STEEL AT SIDE SUPPORTS WITH 3/4" DIAMETER SPOT WELDS AT 18" ON CENTER. FASTEN SIDE LAPS OF ADJACENT UNITS WITH BUTTUN PUNCH AT 24" ON CENTER. TYPICAL ROOF DECKING - 1 1/2" x 18 GA, lmin = 0.302 IN4 PER FOOT, Smin = 0.322 IN3 PER FOOT, CONTINUOUS OVER 3 SPANS MINIMUM. DIAPHRAGM SHEAR CAPACITY - 840 PLF. ANCHOR TO SUPPORTS TO RESIST A 150 PSF NET UPLIFT. ROOF DECKING AT MECHANICAL ROOM ROOF - 1 1/2" x 16 GA, lmin = 0.377 IN4 PER FOOT, Smin = 0.411 IN3 PER FOOT. DIAPHRAGM SHEAR CAPACITY - 840 PLF. ANCHOR TO SUPPORTS TO RESIST A 150 PSF NET UPLIFT. FASTEN ROOF DECK UNITS TO STEEL AT TRANSVERSE AND END SUPPORTS WITH 3/4" DIAMETER SPOT WELDS AT 18" ON CENTER. FASTEN UNITS TO STEEL AT SIDE SUPPORTS WITH 3/4" DIAMETER SPOT WELDS AT 18" ON CENTER. FASTEN SIDE LAPS OF ADJACENT UNITS WITH TOP SEAM WELD AT 24" ON CENTER. PROVIDE ADDITIONAL STEEL REINFORCEMENT AND CLOSURE PIECES AS REQUIRED FOR STRENGTH, CONTINUITY OF DECKING AND SUPPORT OF OTHER WORK. GLUED-LAMINATED TIMBER: BEAMS AND GIRDERS - DOUGLAS FIR SPECIES, COMBINATION 22F-V4 FOR SIMPLE SPANS AND COMBINATION 22F-V8 FOR CONTINUOUS AND CANTILEVER SPANS, Fb = 2200 PSI. FABRICATE PER ANSI/AITC A190.1. PROVIDE WET-USE ADHESIVES. MOISTURE CONTENT - 15% MAXIMUM. APPEARANCE - ARCHITECTURAL GRADE. SUBMIT SHOP DRAWINGS. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. TREAT WOOD WITH PRESERVATIVE. CAMBER BEAMS L/480 AT MIDSPAN. STRUCTURAL SAWN LUMBER: LUMBER VISUALLY GRADED AND STAMPED PER WWA STANDARD GRADING RULES. MOISTURE CONTENT OF LUMBER 2" OR LESS IN THICKNESS - 19% MAXIMUM. STRUCTURAL LIGHT FRAMING - HEM-FIR SPECIES, NUMBER 2 GRADE OR BETTER, Fb = 850 PSI. POSTS AND TIMBERS - HEM-FIR SPECIES, NUMBER 1 GRADE OR BETTER, Fc = 850 PSI. CONVENTIONAL CONSTRUCTION PROVISIONS PER SECTION 2326 OF THE UBC. MINIMUM NAILING FOR CONNECTION OF VARIOUS COMPONENTS PER TABLE 23-1-O OF THE UBC. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. ATTACH FOUNDATION PLATES AND SILLS TO CONCRETE WITH GALVANIZED A307 BOLTS. USE COMMON NAILS ONLY. USE GALVANIZED FRAMING HARDWARE MANUFACTURED BY SIMPSON COMPANY OR APPROVED EQUAL. ICBO CERTIFICATION REQUIRED. PLYWOOD: PLYWOOD GRADE - CD INT-APA WITH EXTERIOR GLUE LAID FACE GRAIN PERPENDICULAR TO SUPPORT. ROOF SHEATHING - 3/4" THICK, 48/24 SPAN RATING. WALL SHEATHING - 3/4" THICK, 48/24 SPAN RATING. PROVIDE 2x4 BLOCKING AT ALL UNSUPPORTED PANEL EDGES. GLUE ROOF SHEATHING AND WALL SHEATHING TO ALL SUPPORTS WITH 3M SCOTCH-GRIP #5230 ADHESIVE, OR APPROVED EQUAL, AT A 50% SKIP PATTERN AND A 3/16" DIAMETER BEAD MINIMUM. SCREWS OR NAILING AT ALL PANEL EDGES AND AT ALL STUDS WITH HOLDDOWNS IS AS FOLLOWS: ROOF SHEATHING - #8 OR 8d @ 6" OC, WALL SHEATHING - #8 @ 6" OC. SCREWS OR NAILING AT ALL PANEL INTERMEDIATE SUPPORTS OTHER THAN STUDS WITH HOLDDOWNS IS AS FOLLOWS: ROOF SHEATHING - #8 OR 8d @ 6" OC, WALL SHEATHING - #8 @ 6" OC.

SPECIAL INSPECTION

SPECIAL INSPECTIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL. SUBMIT INSPECTOR'S RESUMES TO THE BUILDING DEPARTMENT FOR APPROVAL. SPECIAL INSPECTORS SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. INSPECTION REPORTS SHALL BE FURNISHED TO THE CITY OF UNALASKA BUILDING DEPARTMENT, CONTRACTING OFFICER AND THE ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND TO THE ATTENTION OF THE ENGINEER OF RECORD. THE SPECIAL INSPECTORS SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTORS' KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE APPLICABLE CODES. PROVIDE THE FOLLOWING SPECIAL INSPECTIONS PER SECTION 1701 OF THE 1994 UNIFORM BUILDING CODE (UBC): STRUCTURAL STEEL: VERIFY MATERIALS, WELDING PROCEDURES, AND WELDERS' QUALIFICATIONS PRIOR TO START OF WORK. MAKE PERIODIC INSPECTIONS OF WORK IN PROGRESS AND, PRIOR TO COMPLETION, A VISUAL INSPECTION OF ALL SINGLE PASS FILLETS, FLOOR AND ROOF DECK WELDING AND WELDED HEADED STUDS. PROVIDE FULL TIME INSPECTIONS OF ALL COMPLETE PENETRATION GROOVE WELDS INCLUDING INSPECTION BY ULTRASONIC OR RADIOGRAPHY TESTS. PERIODIC INSPECTION OF HIGH STRENGTH BOLTED CONNECTIONS TO VERIFY THE PLIES OF CONNECTED MEMBERS HAVE BEEN DRAWN TOGETHER.

MISCELLANEOUS

REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WALL OPENINGS, ARCHITECTURAL TREATMENT AND DIMENSIONS NOT SHOWN. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SIZE AND LOCATION OF DUCT OPENINGS, PIPING, CONDUITS, ETC, NOT SHOWN. SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED PRIOR TO FABRICATION. VERIFY ALL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK AND NOTIFY THE CONTRACTING OFFICER IMMEDIATELY OF ANY DISCREPANCIES. PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. REFER TO SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.

City of Unalaska UNALASKA LIBRARY AS-BUILT Unalaska, Alaska

BBFM Engineers Inc. 510 L Street, Suite 200 Anchorage, AK 99501-1949 Phone: (907) 274-2238 Fax: 274-2820



PROJECT NO. 714.10 DRAWN BY: KWK REVIEWED BY: CM DATE: APRIL 10, 1998

TITLE: GENERAL NOTES AND ABBREVIATIONS

SHEET NO. S-001

The City of Unalaska will retain the services of the engineer of record to perform the inspection of structural welding and high strength bolting per Section 05120-3.03. The contractors Quality Control responsibilities are called out in but not limited to section 05120-3.02.

DVR 37 By: [Signature] Date: 10-28-98

Unalaska Alaska
TRABU AKSA JANU
TIUB-2A
 City of Unalaska

NOTATION
STONE
 ENGINEER INC.
BBFM



PROJECT: 714 10
 DRAWING: 1000
 REVISION: CM
 DATE: 9/21/98
 TITLE: GENERAL
 NOTES AND REVISIONS
 8-001

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 1997 ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITIES.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

5. ALL EXCAVATIONS SHALL BE PROTECTED AND SHORED TO PREVENT COLLAPSE AND TO PROTECT ADJACENT PROPERTIES AND UTILITIES.

6. ALL FOUNDATIONS SHALL BE CONSTRUCTED ON UNDISTURBED SOIL OR ROCK. IF SOFT SOIL IS ENCOUNTERED, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER FOR AN APPROPRIATE REMEDY.

7. ALL CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

8. ALL REINFORCING STEEL SHALL BE INSTALLED AND TIED IN ACCORDANCE WITH THE ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

9. ALL WALLS SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" RIGID INSULATION ON THE EXTERIOR SURFACE.

10. ALL ROOFS SHALL BE CONSTRUCTED WITH A MINIMUM OF 2" RIGID INSULATION ON THE INTERIOR SURFACE.

11. ALL FLOORS SHALL BE CONSTRUCTED WITH A MINIMUM OF 1" RIGID INSULATION ON THE INTERIOR SURFACE.

12. ALL CEILING SHALL BE CONSTRUCTED WITH A MINIMUM OF 1" RIGID INSULATION ON THE INTERIOR SURFACE.

13. ALL DOORS SHALL BE INSTALLED WITH A MINIMUM OF 1" RIGID INSULATION ON THE INTERIOR SURFACE.

14. ALL WINDOWS SHALL BE INSTALLED WITH A MINIMUM OF 1" RIGID INSULATION ON THE INTERIOR SURFACE.

15. ALL EXTERIOR FINISHES SHALL BE INSTALLED IN ACCORDANCE WITH THE ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

16. ALL INTERIOR FINISHES SHALL BE INSTALLED IN ACCORDANCE WITH THE ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

17. ALL MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE ALASKA BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.

18. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

20. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITIES.

ATTACHMENT A
 Unalaska Library
 Unalaska, Alaska

DCVR 16
 Livingston Stone, Inc.
 8/18/98

The design intention is to maintain a consistent appearance around the exterior. Detailing the protection board and rigid insulation would make the exposed finish material below the exterior siding the concrete foundation wall.

Star to Fan Room - See attached sketch AS-001 and AS-002

Exterior face: Install protection board and 1" rigid insulation where indicated in detail AS-002.

Interior face: Install protection board without rigid insulation where indicated in detail AS-002. Adjust stud locations as indicated in AS-002.

Staff Entry screen wall at - See attached sketch AS-001 and AS-003

Exterior face: Install protection board without rigid insulation where indicated in detail AS-004. Adjust stud locations as indicated in AS-004.

Interior face: No installation of protection board and 1" rigid insulation where indicated in detail AS-004. Adjust stud locations as indicated in AS-003.

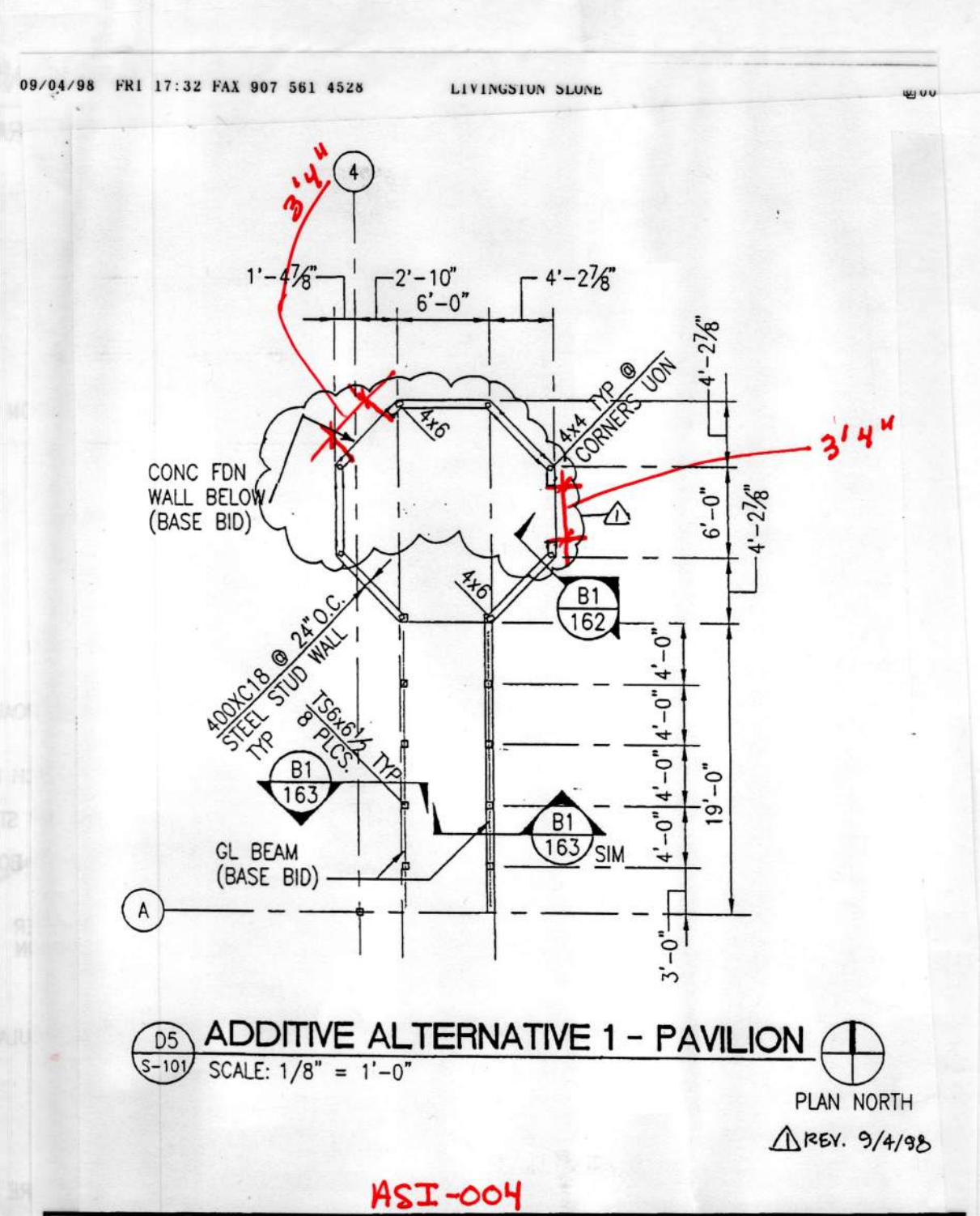
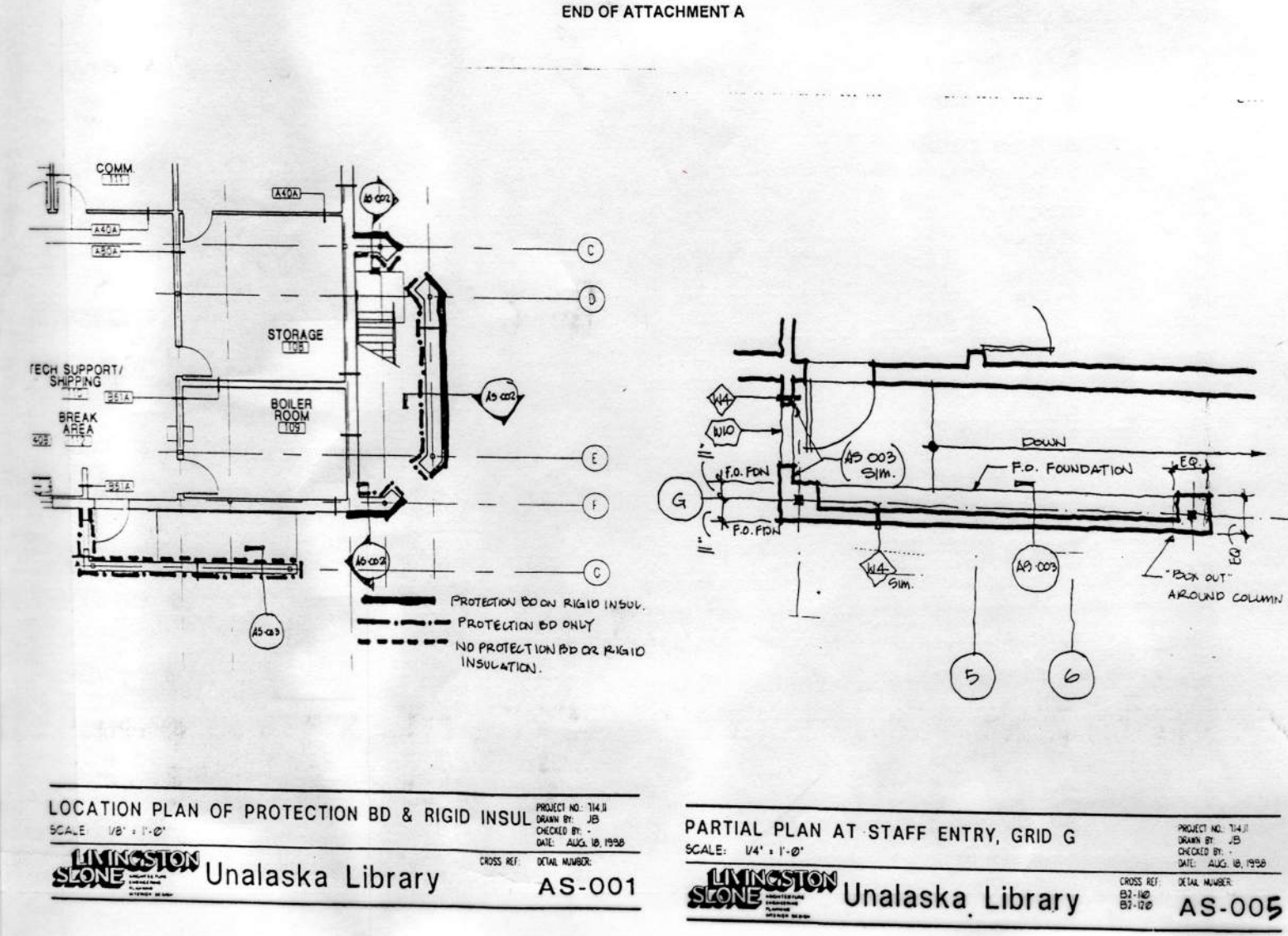
Arch Dwg. Item 1 indicates that wall type W4 is correct for the screen walls. Sheet A-101 indicates that the W4 wall is a 1'-0" wide wall which is one of the reasons it is noted as "SIM". A six inch metal stud wall with a 4' stud treated all would be acceptable. See AS-002 for proposed location of the wall and the configuration of the framing around the columns.

Exterior column wall at grid F3 - See attached sketch AS-004

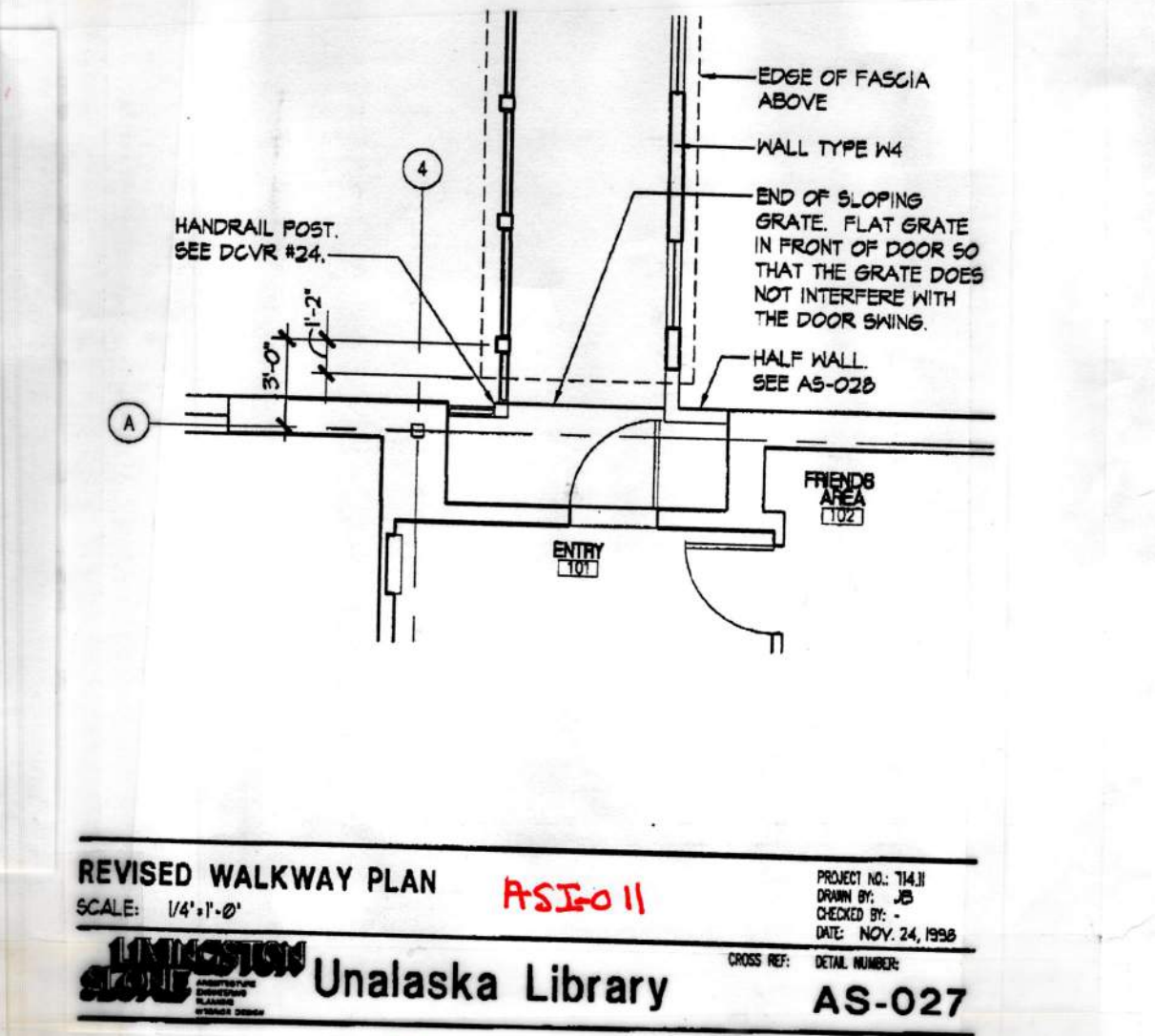
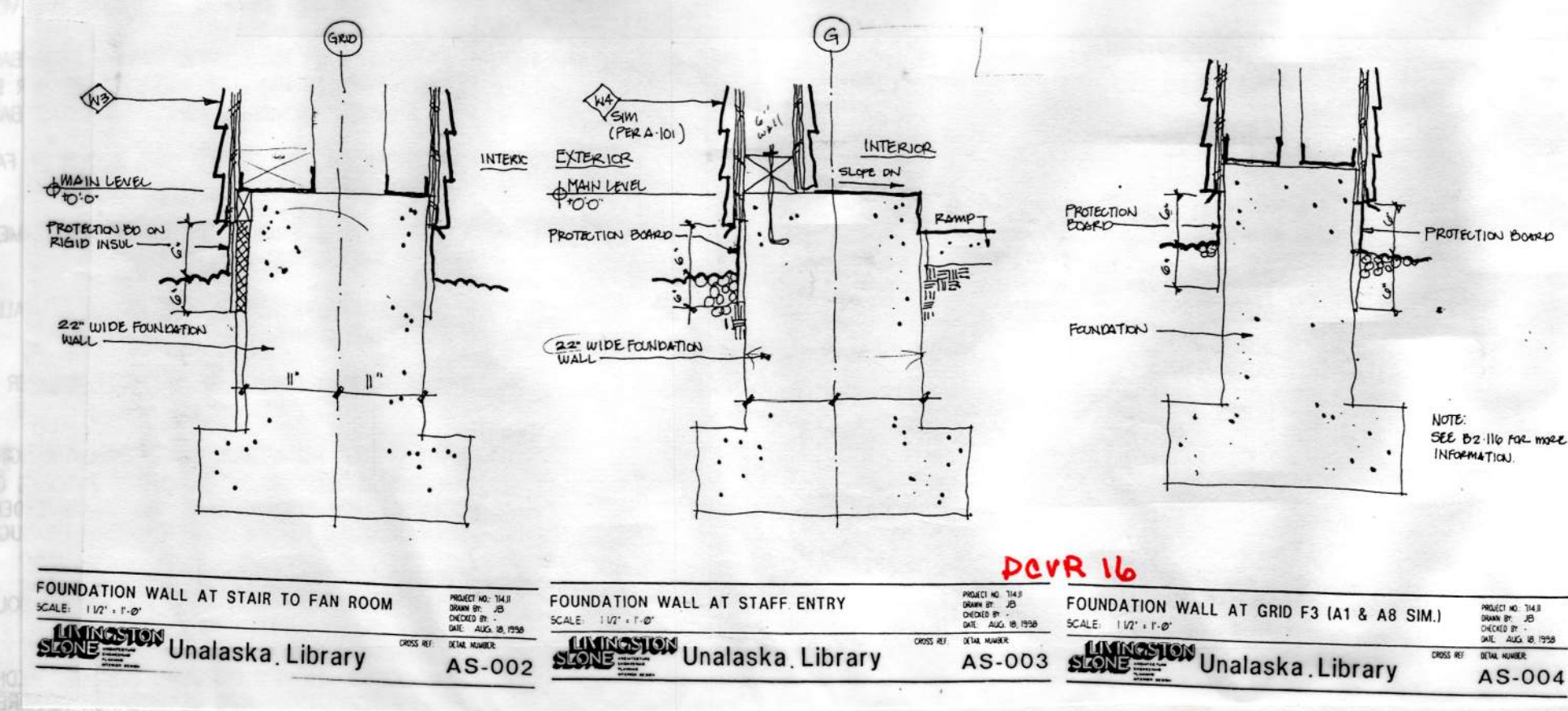
Install protection board without rigid insulation as indicated in detail AS-005 on west, south and east sides. Adjust stud locations as indicated in AS-004.

Columns at grids A1 and A8 - See attached sketch AS-004

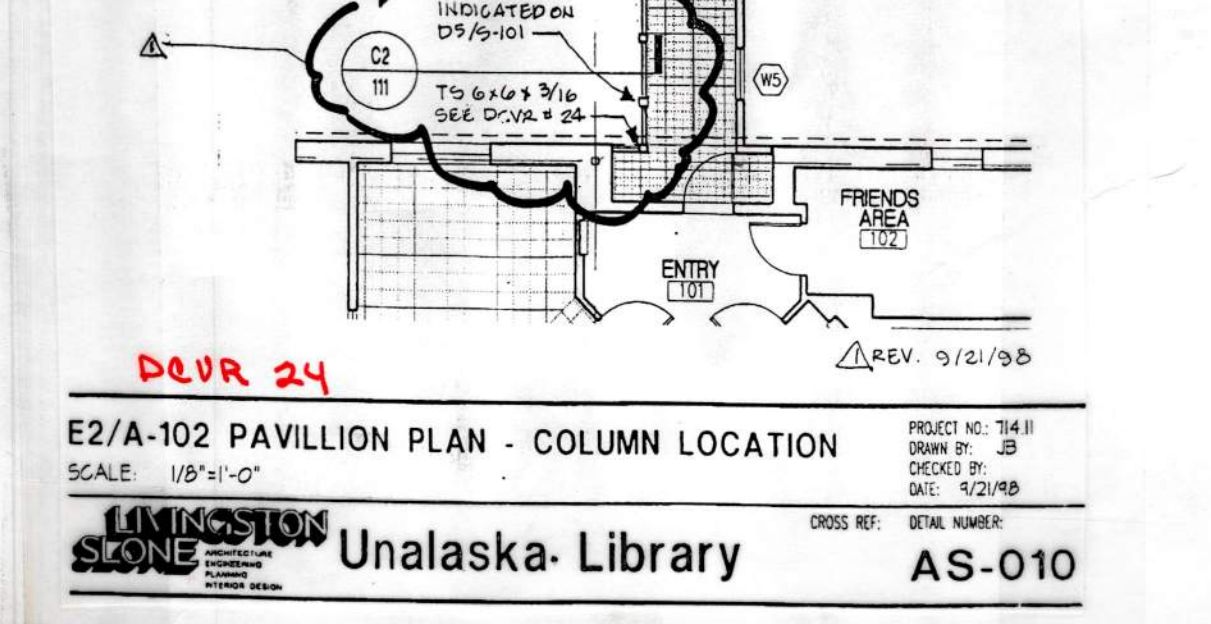
Install protection board without rigid insulation as indicated in detail AS-005 on all sides of the columns. Adjust stud locations as indicated in AS-005.



REVISOR'S OPENINGS AT PAVILION
 SCALE: 1/8" = 1'-0"
 PROJECT NO. 1441
 DRAWN BY: JS
 CHECKED BY: JG
 DATE: SEP. 4, 1998
 CROSS REF: DETAIL NUMBER: AS-009



REVISOR'S WALKWAY PLAN
 SCALE: 1/4" = 1'-0"
 PROJECT NO. 1441
 DRAWN BY: JS
 CHECKED BY: JG
 DATE: NOV. 24, 1998
 CROSS REF: DETAIL NUMBER: AS-027



E2/A-102 PAVILION PLAN - COLUMN LOCATION
 SCALE: 1/8" = 1'-0"
 PROJECT NO. 1441
 DRAWN BY: JS
 CHECKED BY: JG
 DATE: 5/20/98
 CROSS REF: DETAIL NUMBER: AS-010