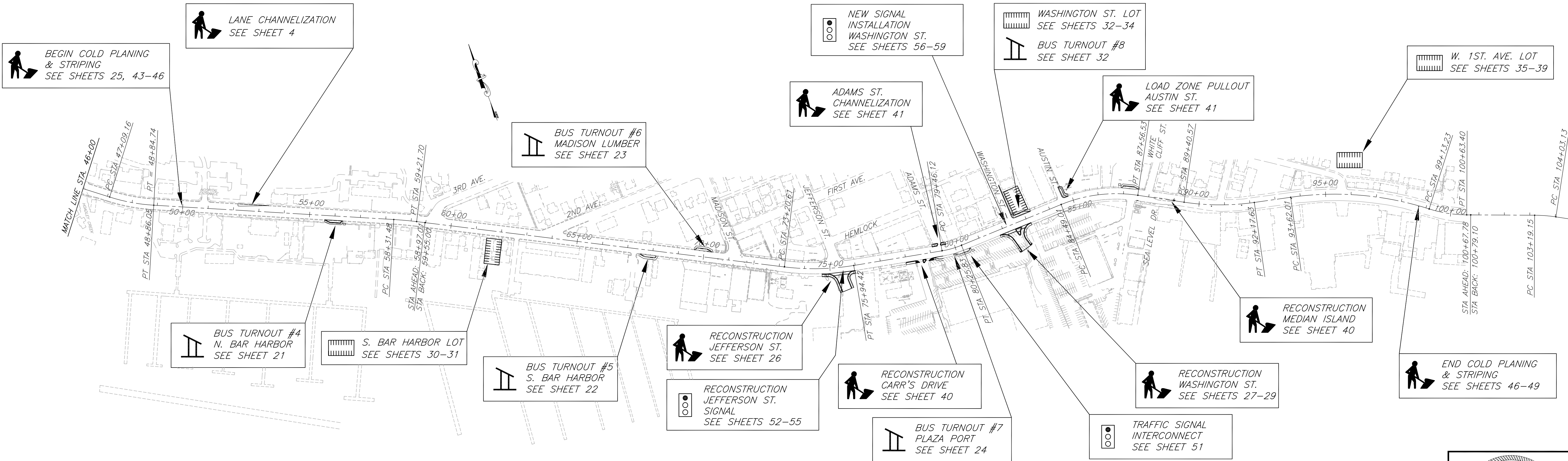
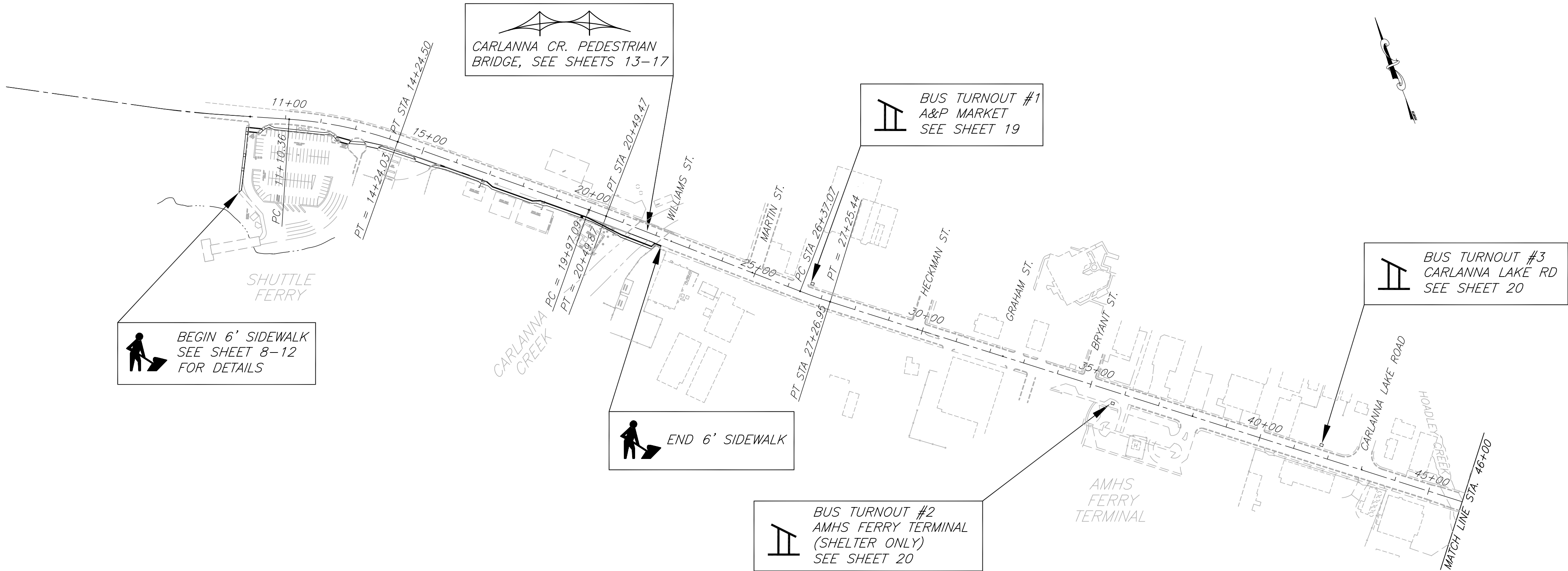
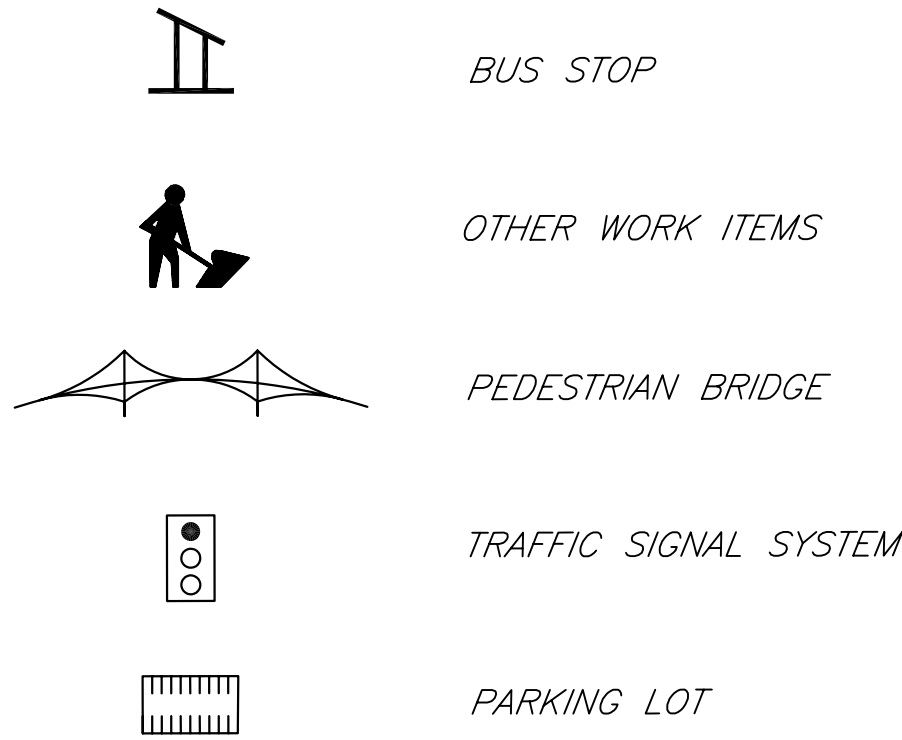


LEGEND



NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

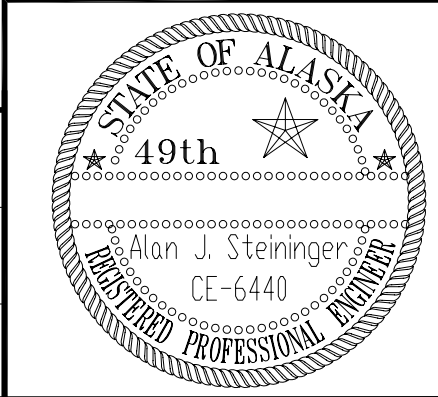
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PLOT: P:\-LIB\ -PLOT\ PLOTF.PCP(200) OR PLOTH.PCP(400)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

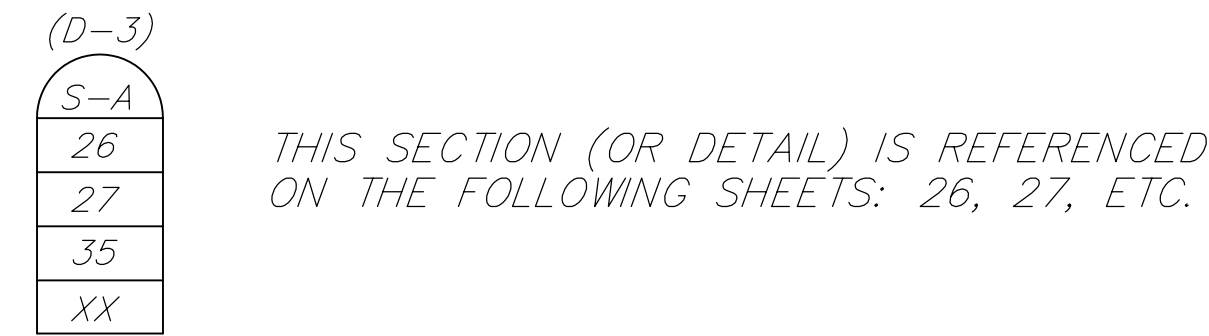
KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
PROJECT LAYOUT PLAN

ALASKA
DESIGNED BY: K. MATTSON
DRAWN BY: R. SNYDER
CHECKED BY: A. STEININGER

PROJECT NO. 71047/72194
DATE: 1998
SHEET 2 OF 68



REFERENCE LEGEND



GENERAL NOTES

- GRADES AND ALIGNMENT AS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE SUBJECT TO MINOR FIELD REVISIONS.
- APPROACHES, CULVERTS, MANHOLES, INLET GRATES, VALVE, CLEANOUTS AND SIGNS LOCATIONS ARE APPROXIMATE ONLY, AND SHALL BE SUBJECT TO MINOR FIELD REVISIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO STARTING CONSTRUCTION.
- CLEARING & GRUBBING SHALL BE INCIDENTAL TO ITEM 203 (3).
- SIDEWALK GRADIENT SHALL NOT EXCEED 5% UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

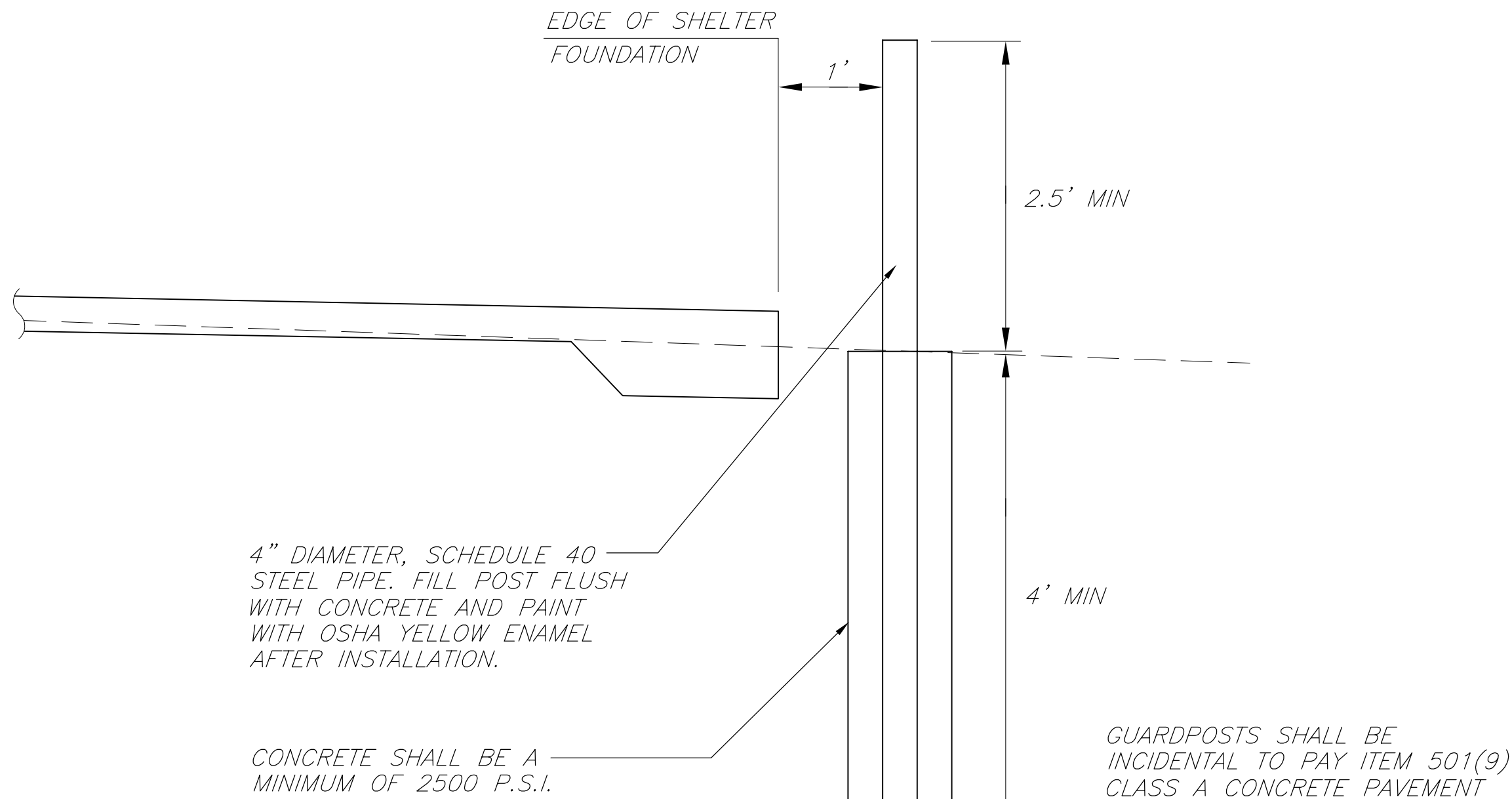
BASIS OF ESTIMATE

ITEM NO.	ITEM	QUANTITY
203 (5)	BORROW TYPE "A"	1.85 TON\CUBIC YARD
301 (1)	CRUSHED AGGREGATE BASE COURSE	1.96 TON\CUBIC YARD
401 (1)	ASPHALT CONCRETE TYPE II CLASS "B"	2.09 TON/CUBIC YARD
401 (2)	PG58-28 ASPHALT CEMENT	6% OF ITEM 401 (1)

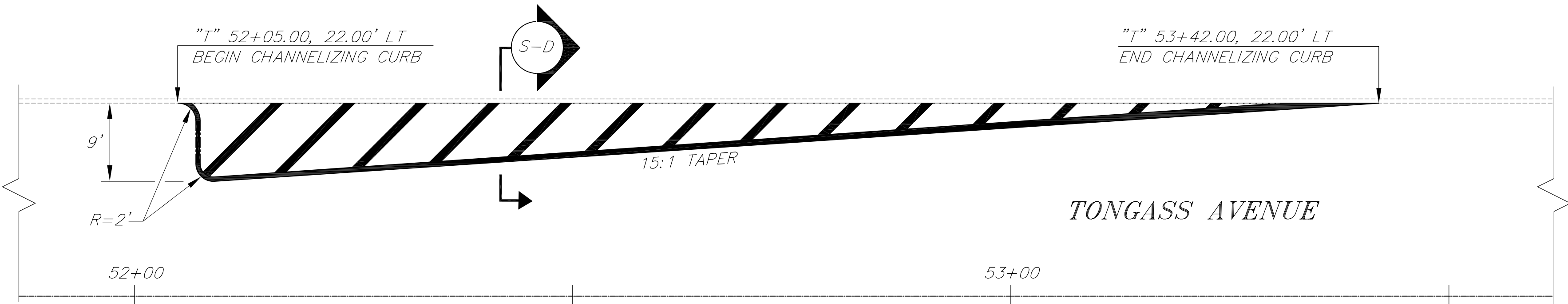
REMOVAL OF STRUCTURES & OBSTRUCTIONS
202(1)

ITEM	STATION	OFFSET	SITE NAME
FENCE	20+50	RT	SIDEWALK SECTION (S. COAST)
TREES	20+90	RT	SIDEWALK SECTION (S. COAST)
25 LF GUARDRAIL	22+10	RT	CARLANNA BRIDGE
CONCRETE FOUNDATION WALL	26+50	LT	BUS STOP 1
ROCK WALL	41+50	LT	BUS STOP 3
CONCRETE FOUNDATION WALL	41+50	LT	BUS STOP 3
OVERHEAD STEEL SIGNPOST	74+00	RT	NORTH JEFFERSON ST.
SUBSURFACE CONCRETE WALL	79+50	RT	BUS STOP 7
OVERHEAD STEEL SIGNPOST	80+65	RT	PLAZA PORT
CONCRETE FOUNDATION WALL	83+00	30' LT	WASH. STREET PARKING LOT
CONCRETE FLOOR SLAB	83+00	50'+ LT	WASH. STREET PARKING LOT
CONCRETE FOUNDATION WALL	83+00	140' LT	WASH. STREET PARKING LOT
CONCRETE FOUNDATION WALL	96+50	90' LT	W. 1ST AVENUE PARKING LOT

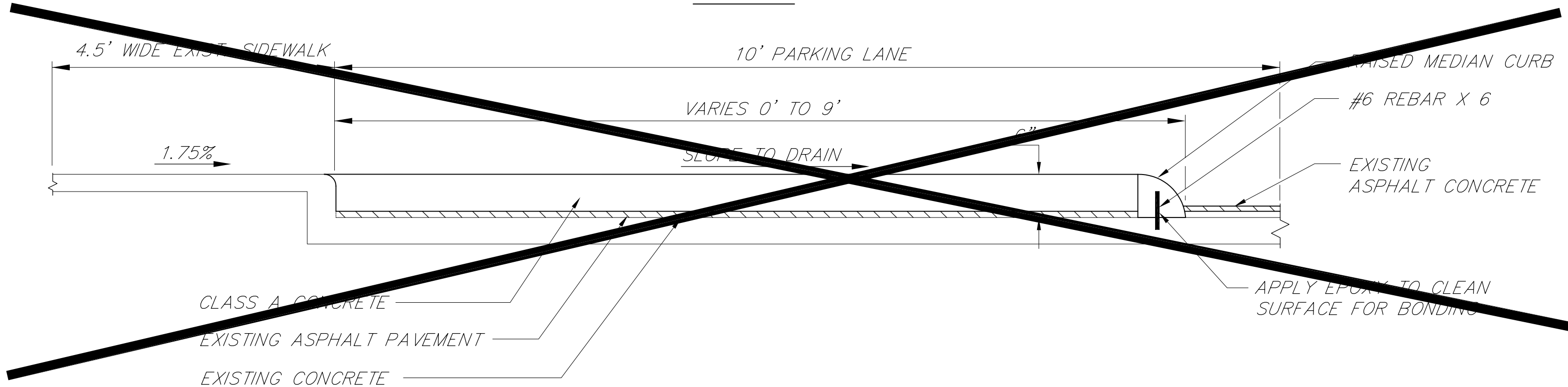
1. ITEM 202(1) SHALL INCLUDE, BUT NOT BE LIMITED TO THE ABOVE.



GUARDPOST DETAIL 1



PLAN



PAINTED
~~RAISED~~ CHANNELIZATION DETAIL 1

NOTE:
THE CONTRACTOR SHALL SLOPE THE RAISED AREA TO DRAIN ALONG EACH SIDE OF THE CURB INTERFACE. NO LIP GREATER THAN 1 1/2" WILL BE ALLOWED.

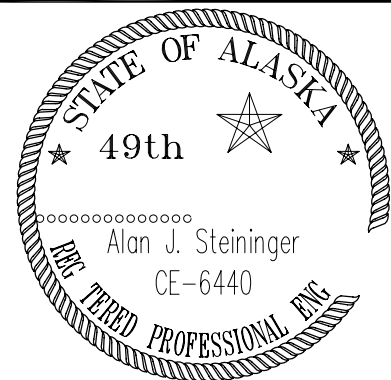
RAISED DELETED DUE TO BLOCKING CURB DRAINAGE.

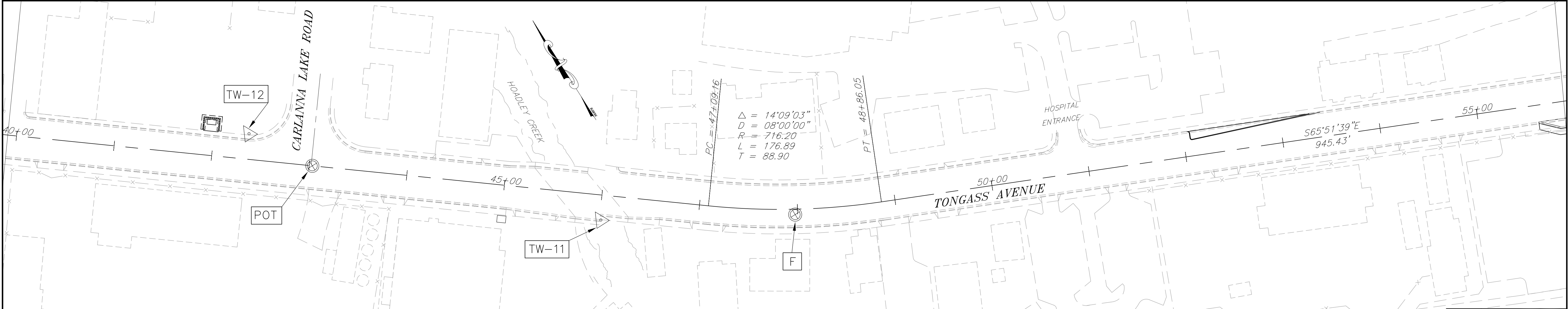
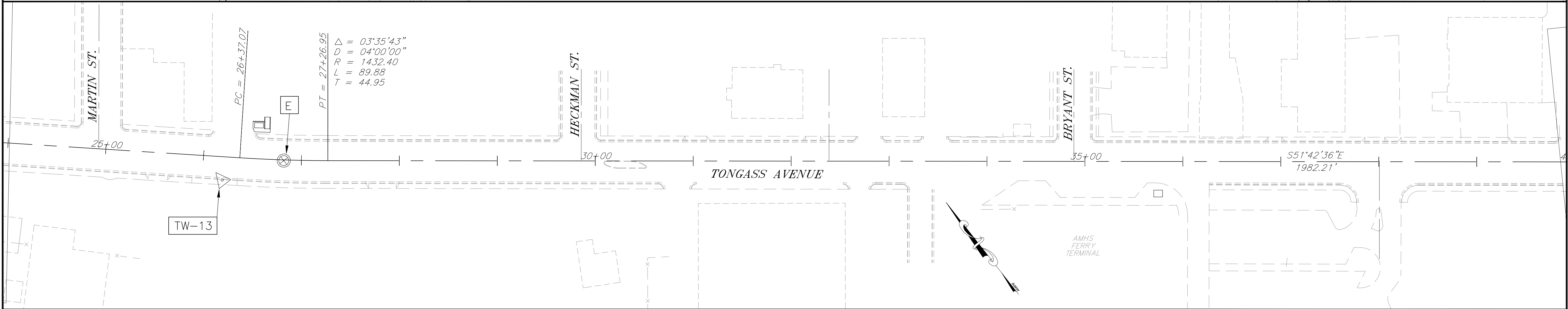
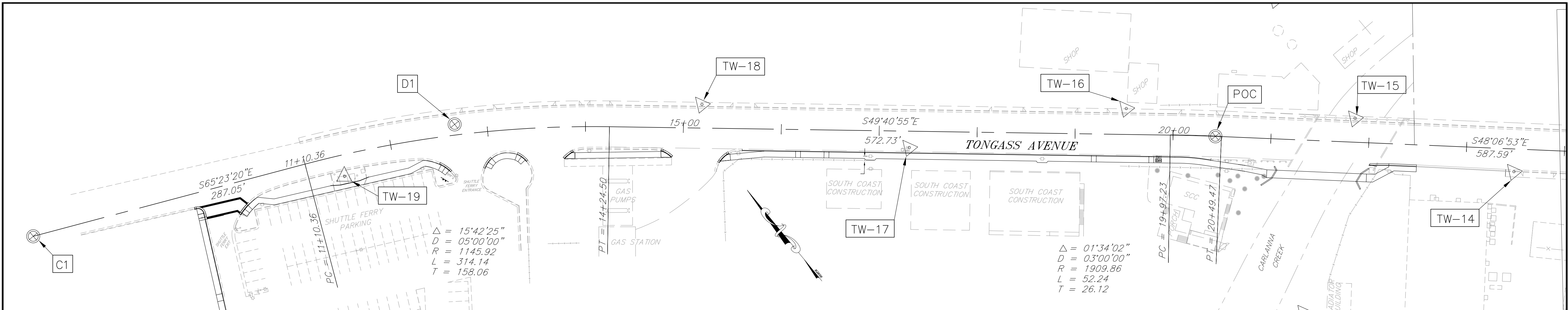
NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
PROJECT DETAILS

DESIGNED BY:	K. MATTSON	PROJECT NO.	71047/72194
DRAWN BY:	K.M./R.S.	DATE:	1998
CHECKED BY:	A. STEININGER	SHEET	4 OF 68





NOTE: DO NOT SCALE FROM THESE PLANS—USE DIMENSIONS

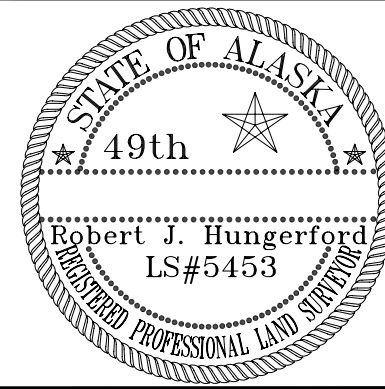
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PLOT: P: \—LIB\—PLOT\PLOT.F.PCP(1) OR PLOT.H.PCP(2)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

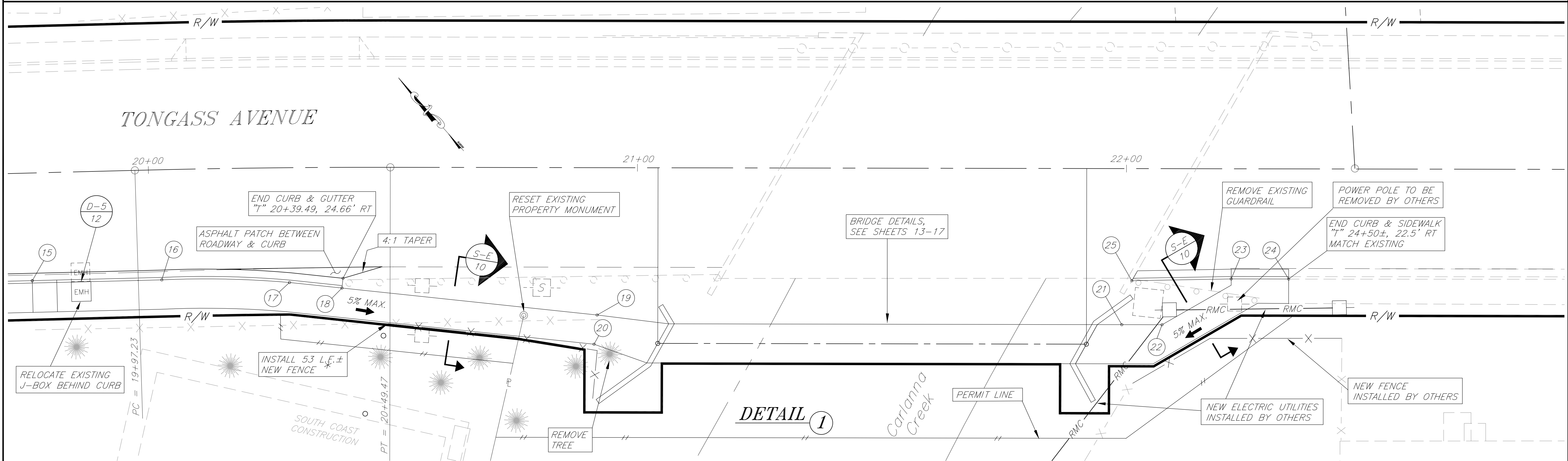
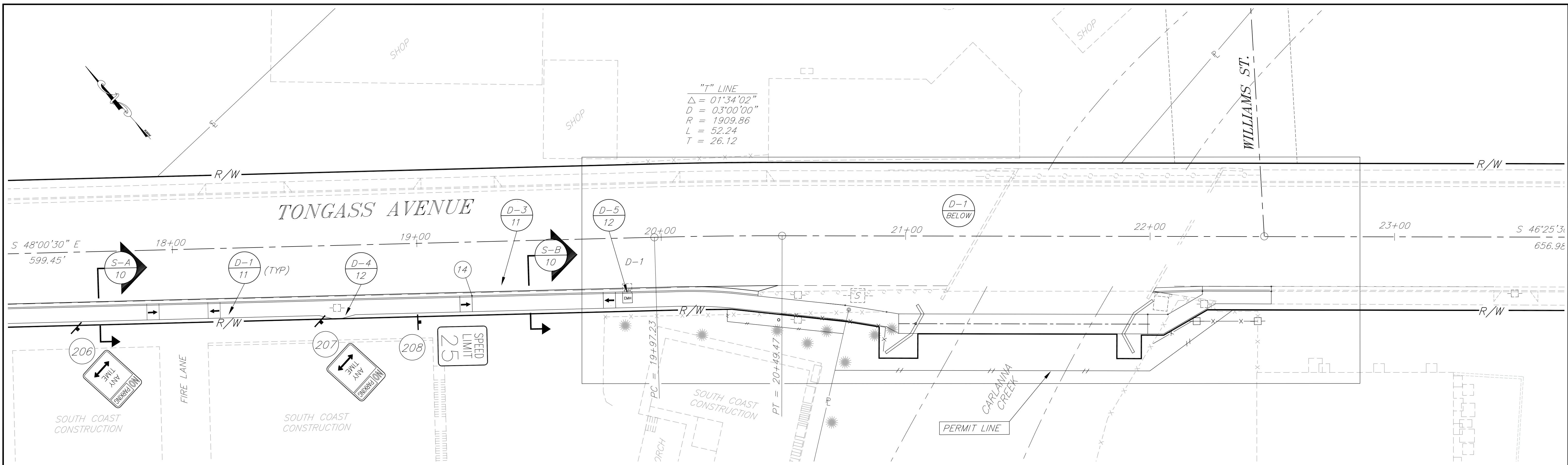
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN—TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN—TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
CONTROL MONUMENTS

DESIGNED BY:
DRAWN BY: K.M./R.S.
CHECKED BY: R. J. HUNGERFORD

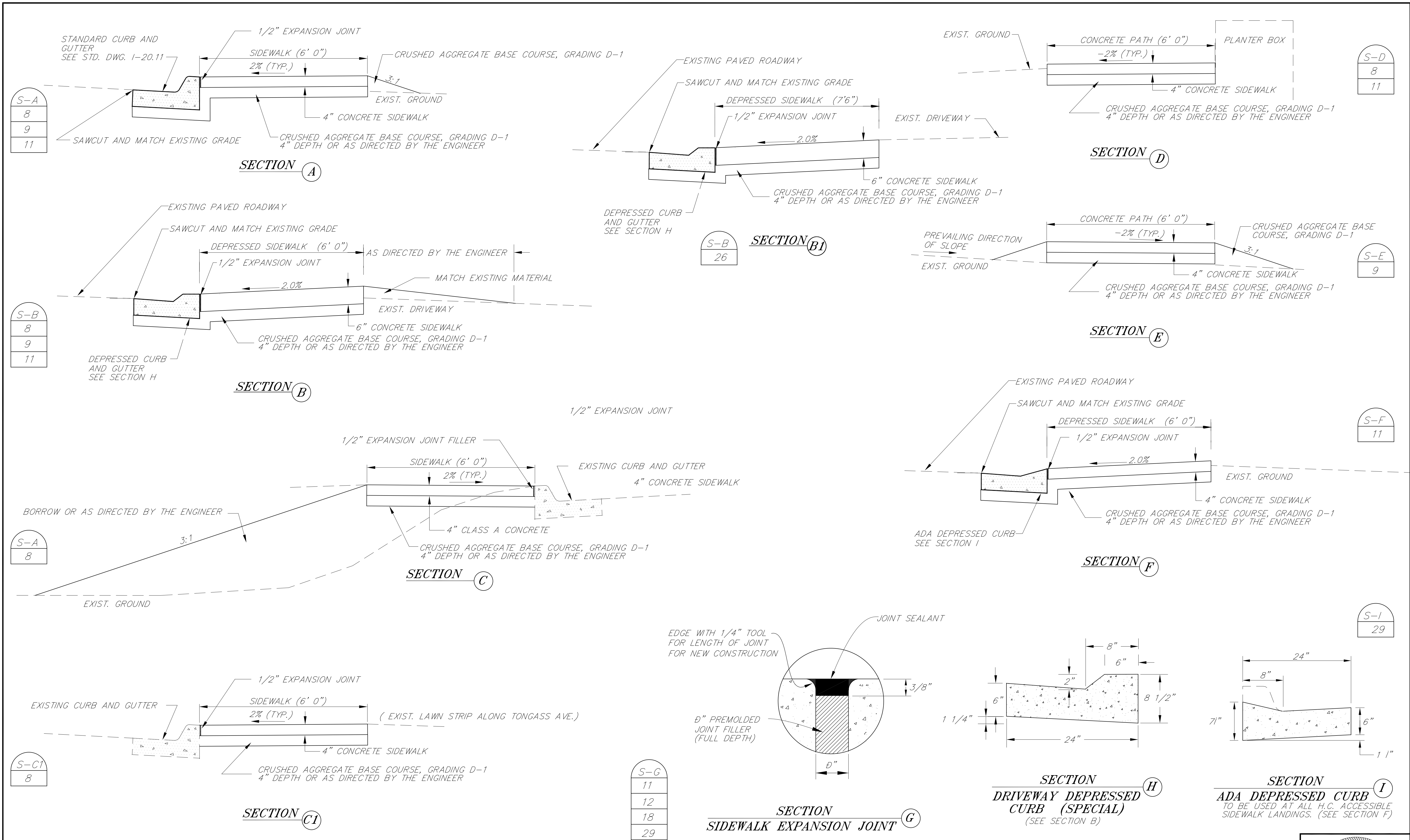
PROJECT NO.
71047/72194
DATE:
1998
SHEET 5 OF 68

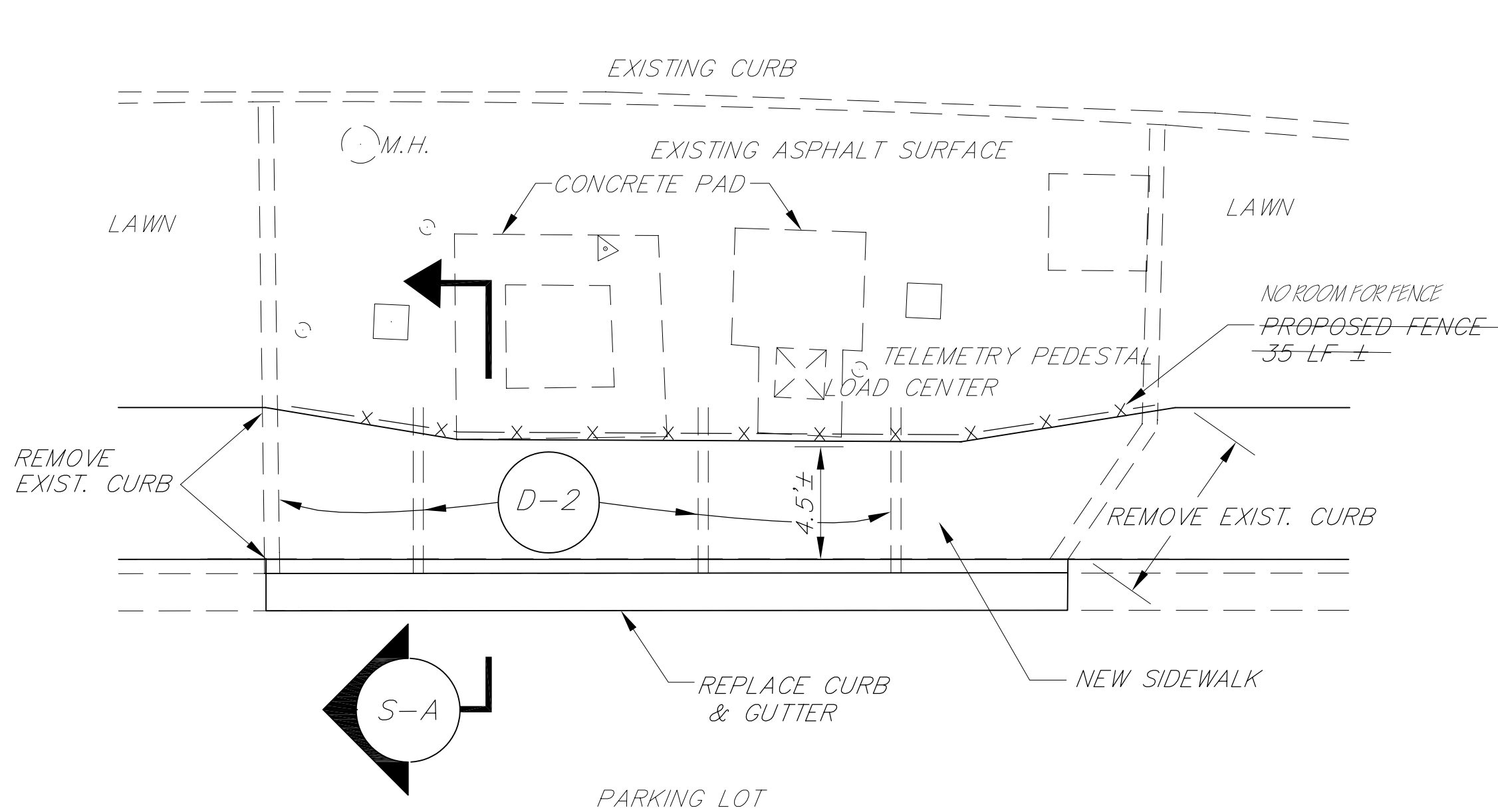




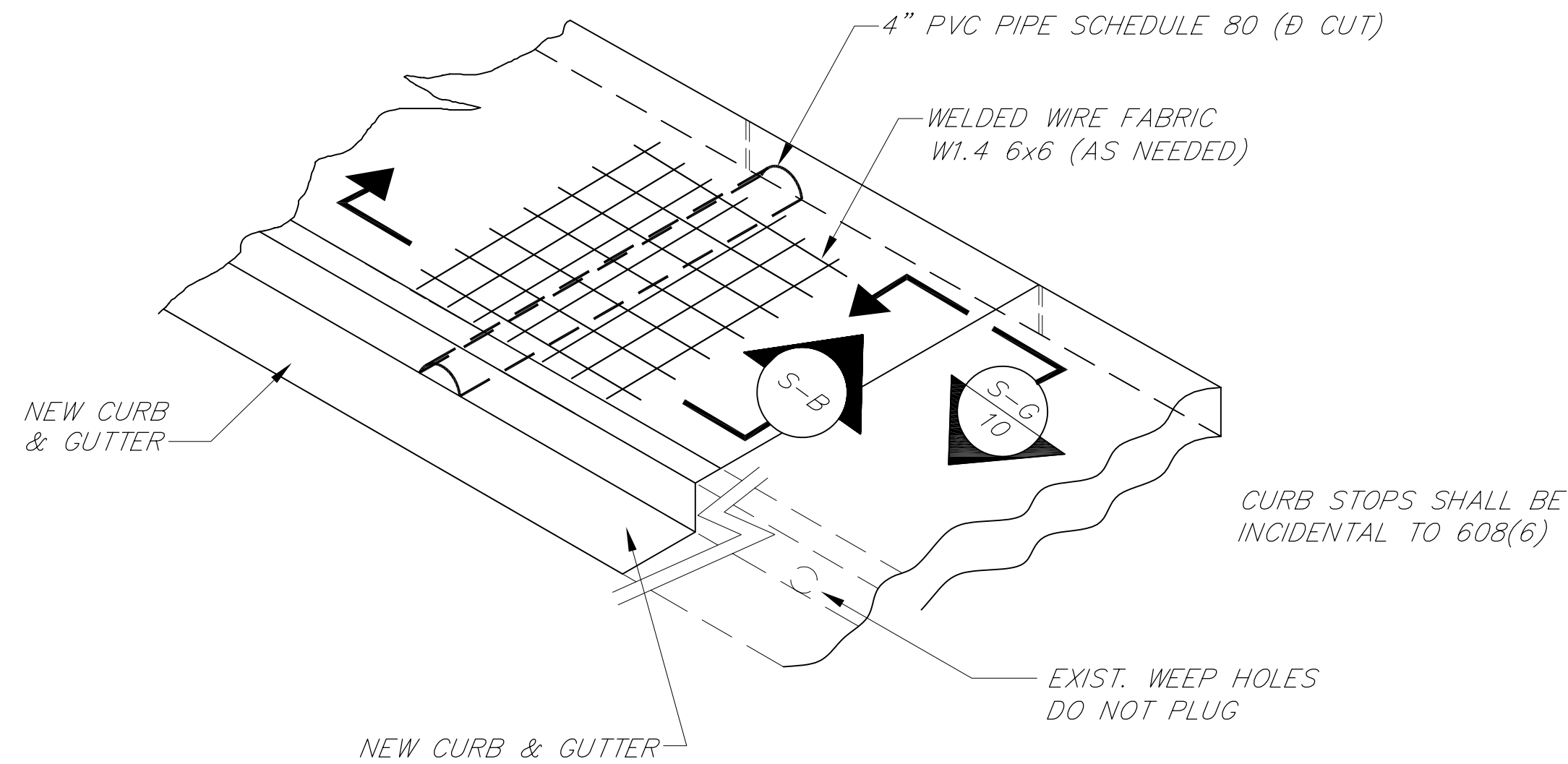
NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\KTN\72194\DR\SWPLAN VIEWS: P3(20), P4(10)		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION	KETCHIKAN KTN - TONGASS AVENUE LANE IMPROVEMENTS NH-0902(17) ~ 71047 KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS TEA-0902(23) ~ 72194 SIDEWALK LAYOUT PLAN	ALASKA	DESIGNED BY: K. MATTSON	PROJECT NO. 71047/72194
PLOT: P:\-LIB\ -PLOT\ PLOT.PCP(1) OR PLOT.PCP(2)					DRAWN BY: R. SNYDER	DATE: 1998
BY: DATE: DESCRIPTION OF CHANGE:					CHECKED BY: A. STEININGER	SHEET 9 OF 68
RECORD OF REVISIONS						

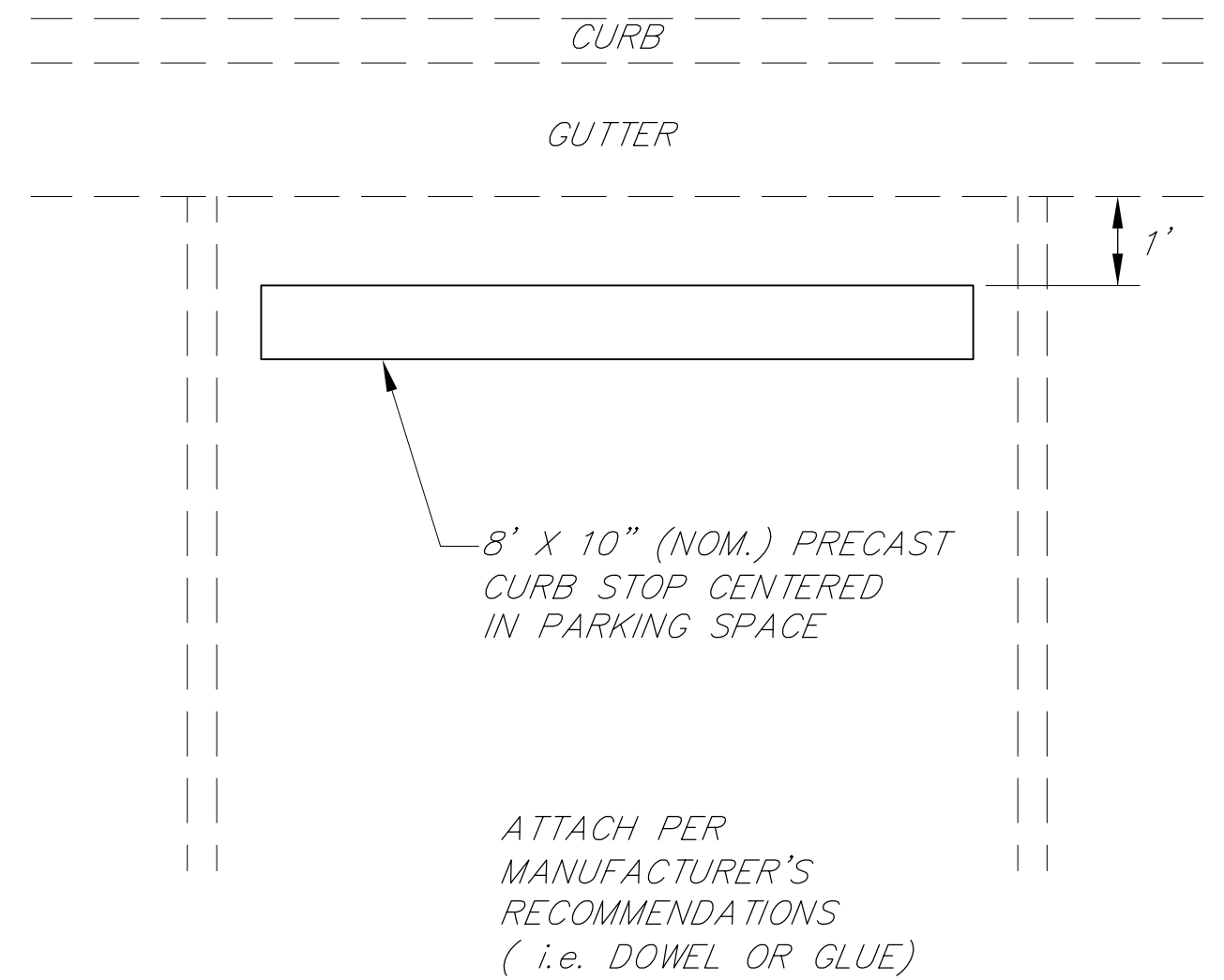




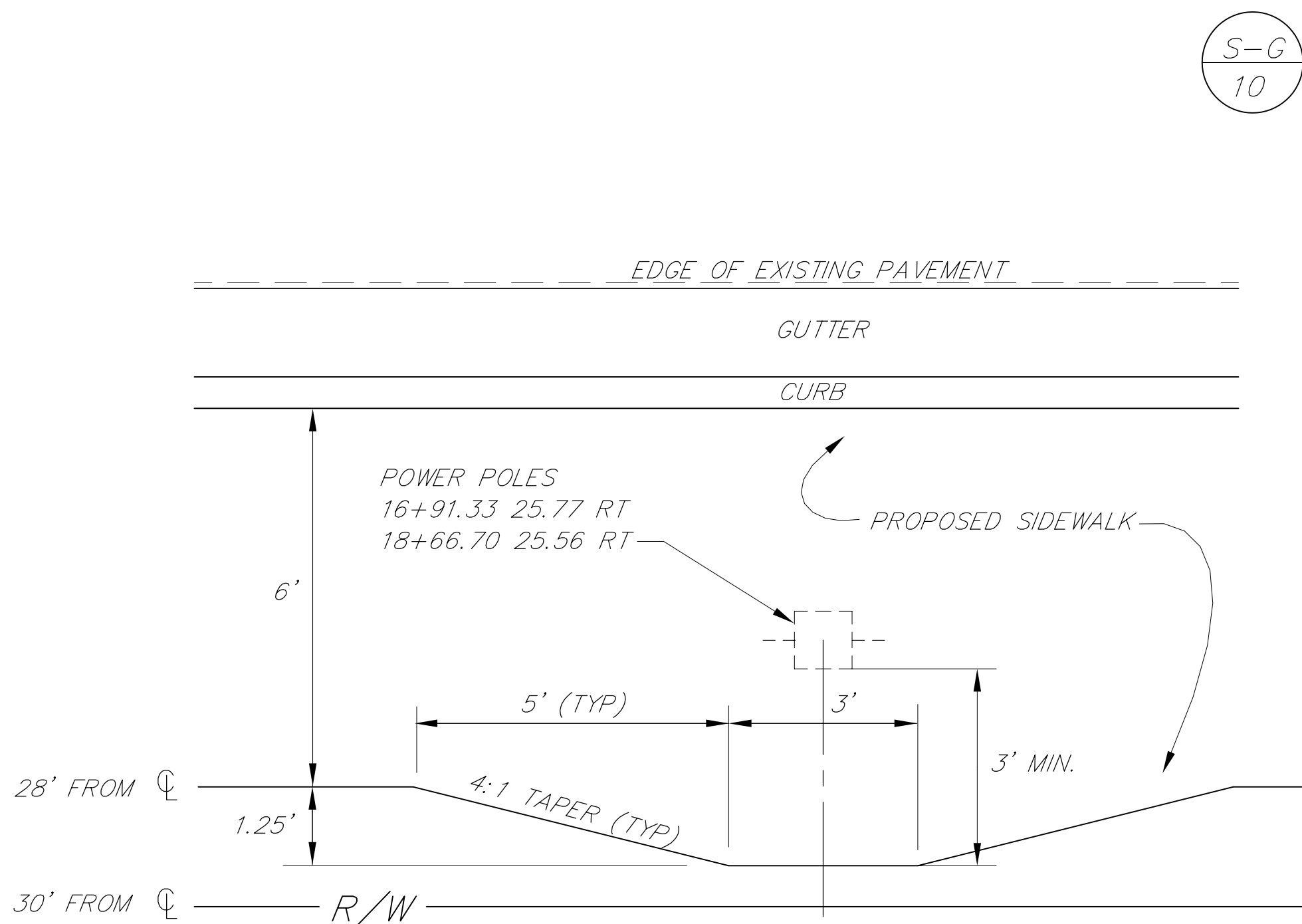
DETAIL 1



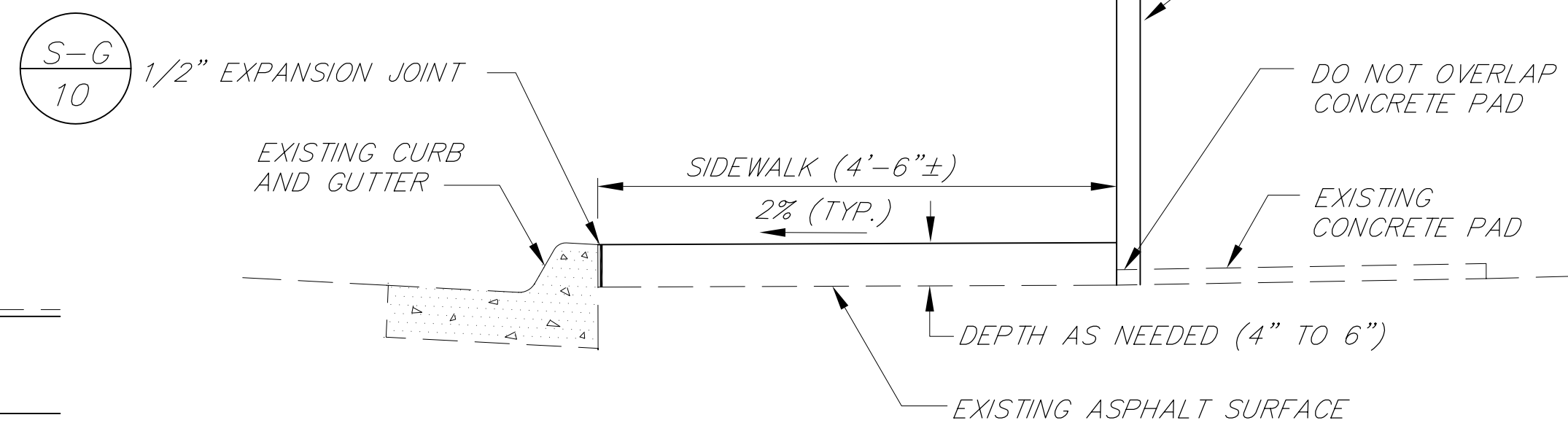
DRAIN DETAIL 2



CURB STOP DETAIL 3

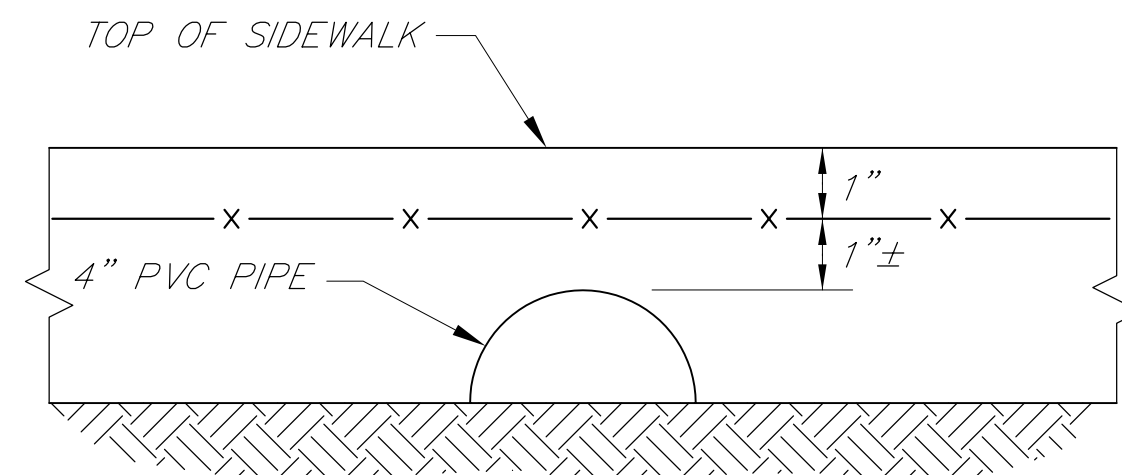


WIDENING DETAIL 4

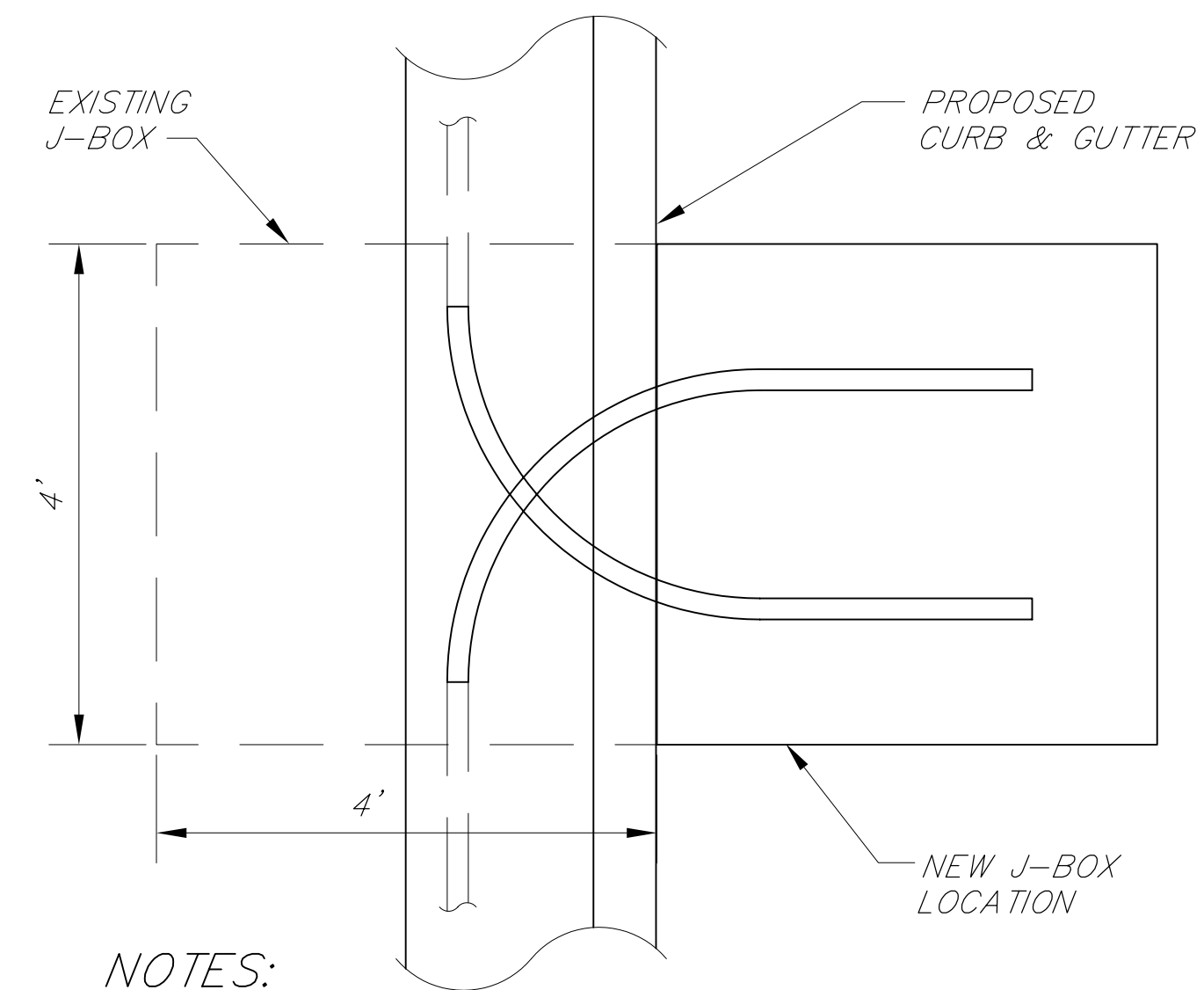


SECTION A

* INCIDENTAL TO SIDEWALK



SECTION B



NOTES:

1. RELOCATE EXISTING J-BOX 4'.
2. ADD SWEEPS TO CONNECT CONDUIT TO NEW LOCATION.
3. DISCONNECT WIRE FROM NORTHERN END AND LEAVE COILED IN BOX. INSTALL PULL WIRE TO NORTHERN CONNECTION.
4. EXISTING WIRE IS NOT LIVE. CONTACT KETCHIKAN PUBLIC UTILITIES FOR LOCATION OF NORTHERN CONNECTION.
5. J-BOX RELOCATION IS INCIDENTAL TO PAY ITEM 608(6), 4" CONCRETE SIDEWALK.

JUNCTION BOX RELOCATION DETAIL 5

"T" STATION 19+86 RT, SEE SHEET 9

NOTE: DO NOT SCALE FROM THESE PLANS--USE DIMENSIONS

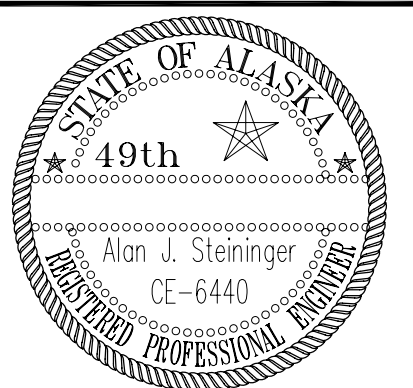
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BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

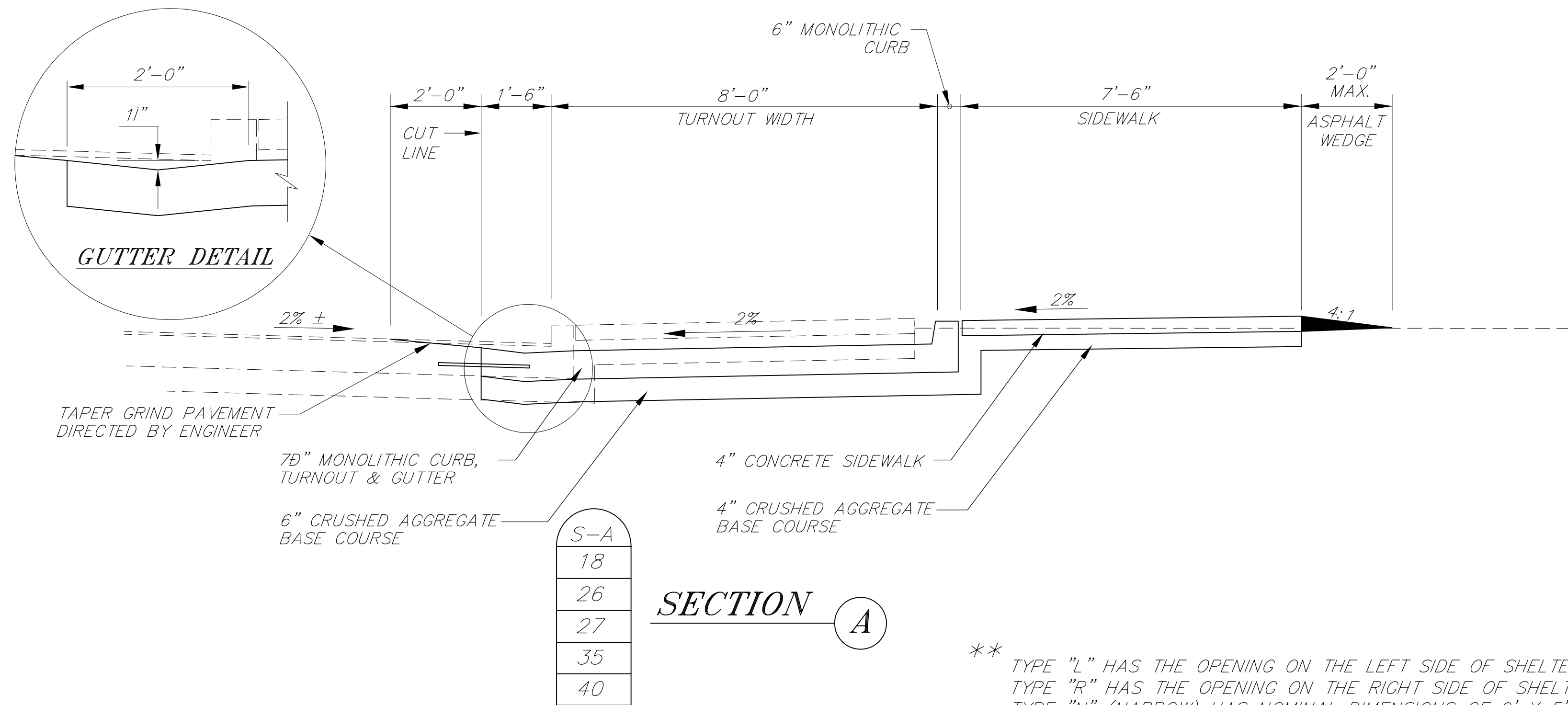
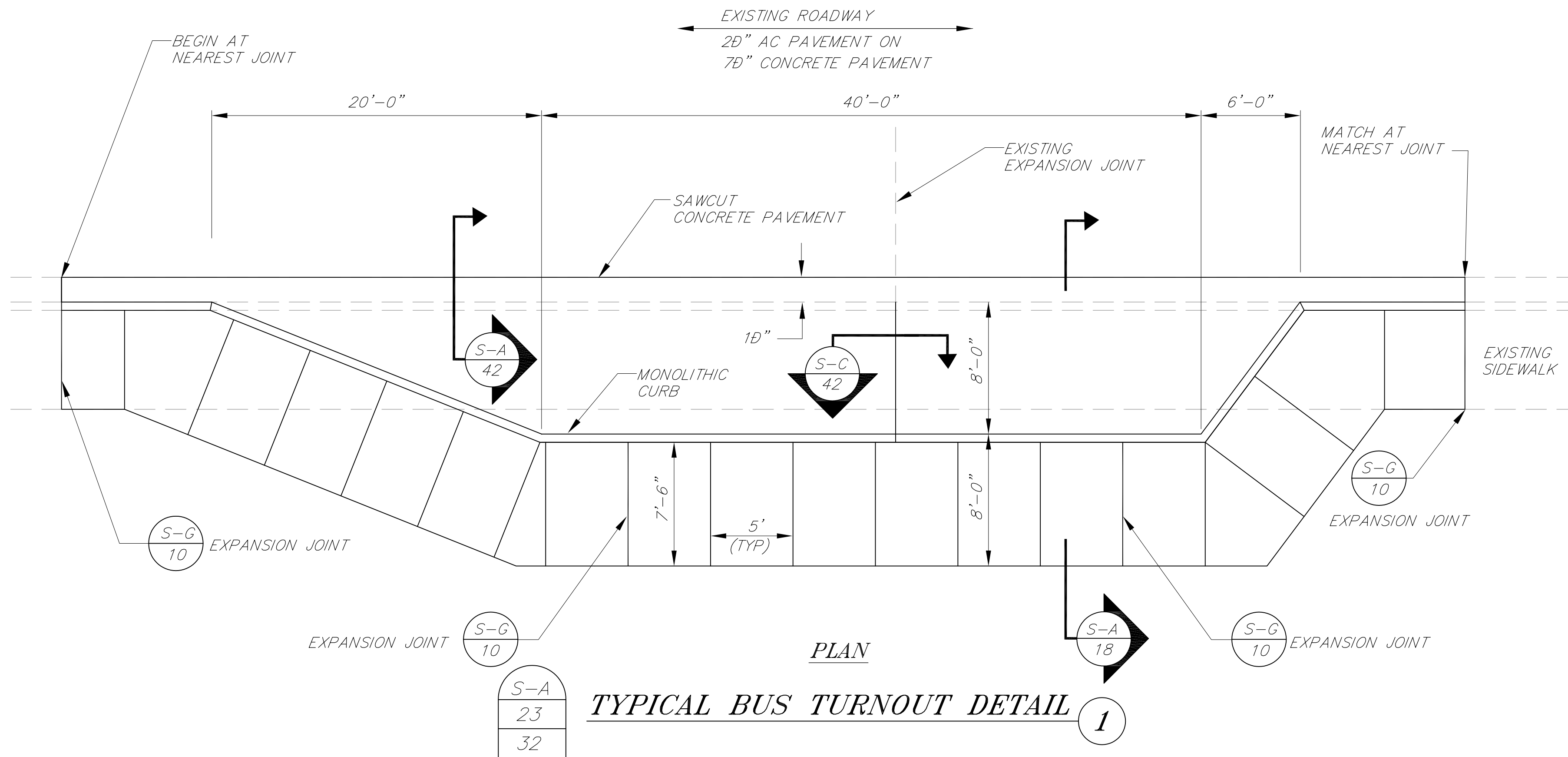
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN- TONGASS AVENUE LANE IMPROVEMENTS
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194

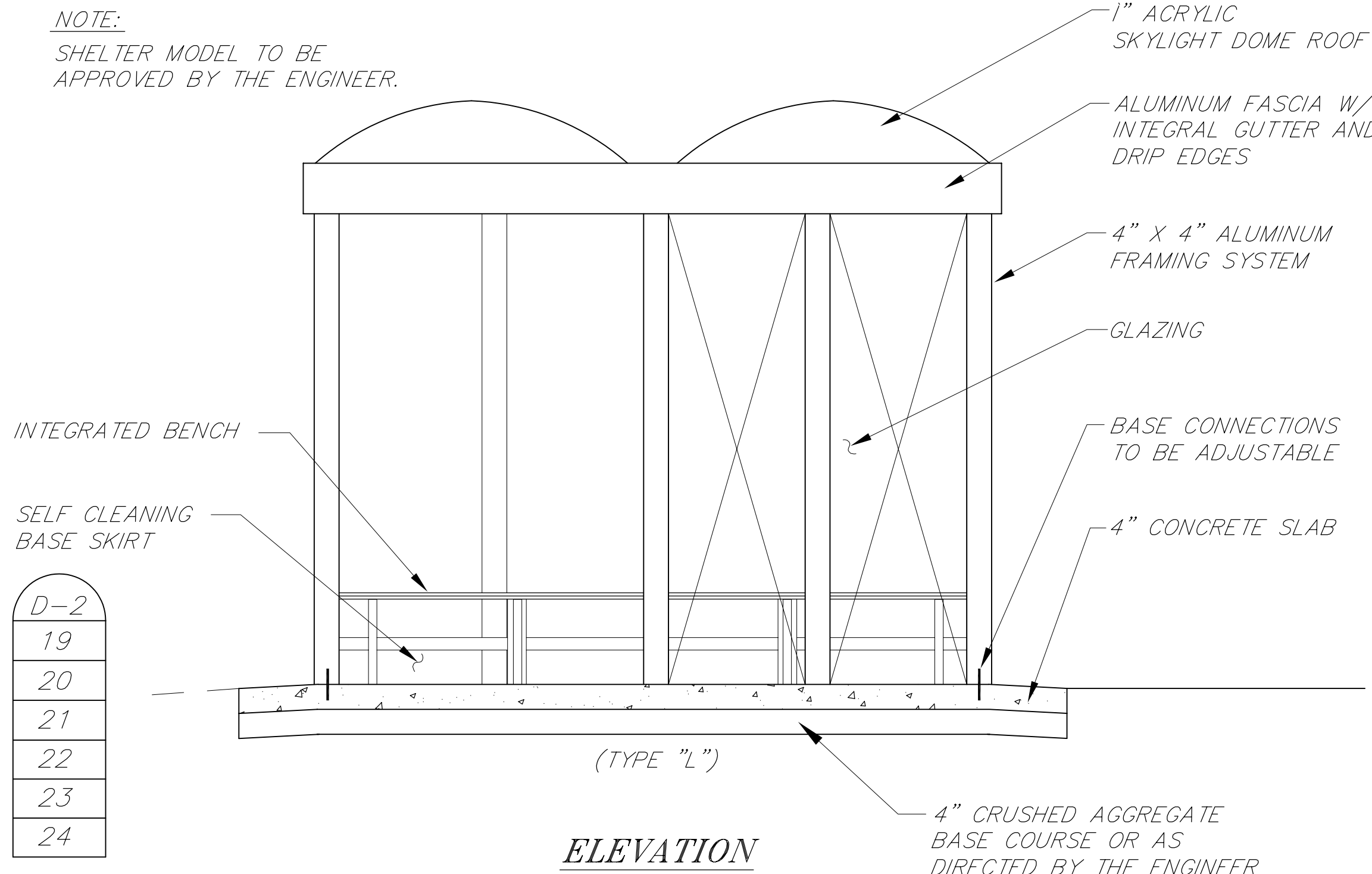
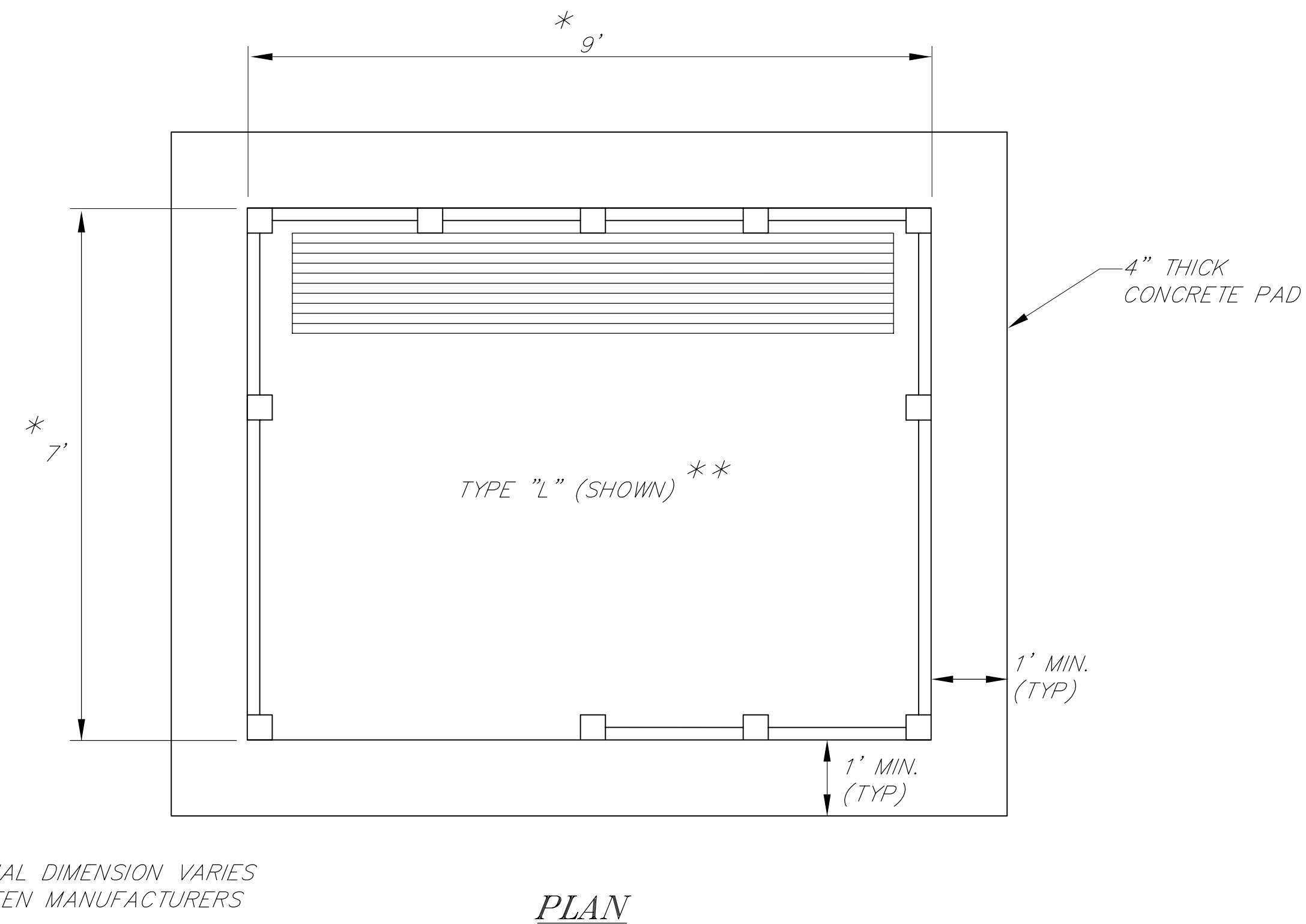
SIDEWALK DETAILS

DESIGNED BY:	K. MATTSON	PROJECT NO.	71047/72194
DRAWN BY:	K.M./R.S.	DATE:	1998
CHECKED BY:	A. STEININGER	SHEET 12 OF 68	





** TYPE "L" HAS THE OPENING ON THE LEFT SIDE OF SHELTER.
 TYPE "R" HAS THE OPENING ON THE RIGHT SIDE OF SHELTER.
 TYPE "N" (NARROW) HAS NOMINAL DIMENSIONS OF 9' X 5'.



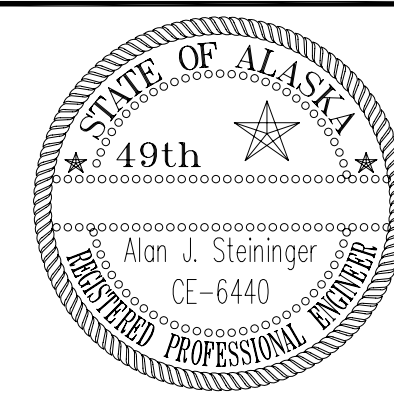
PREFABRICATED BUS SHELTER DETAIL 2

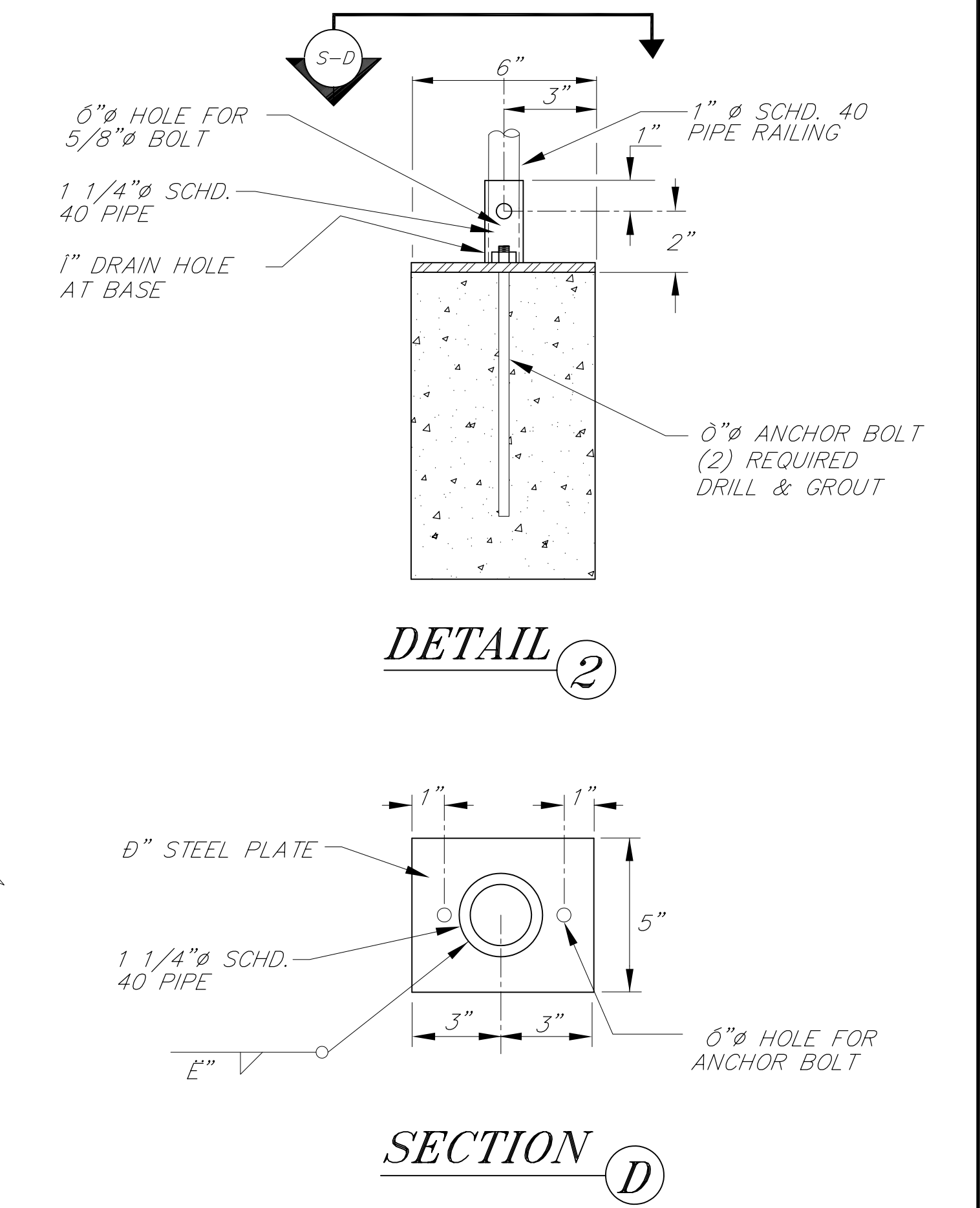
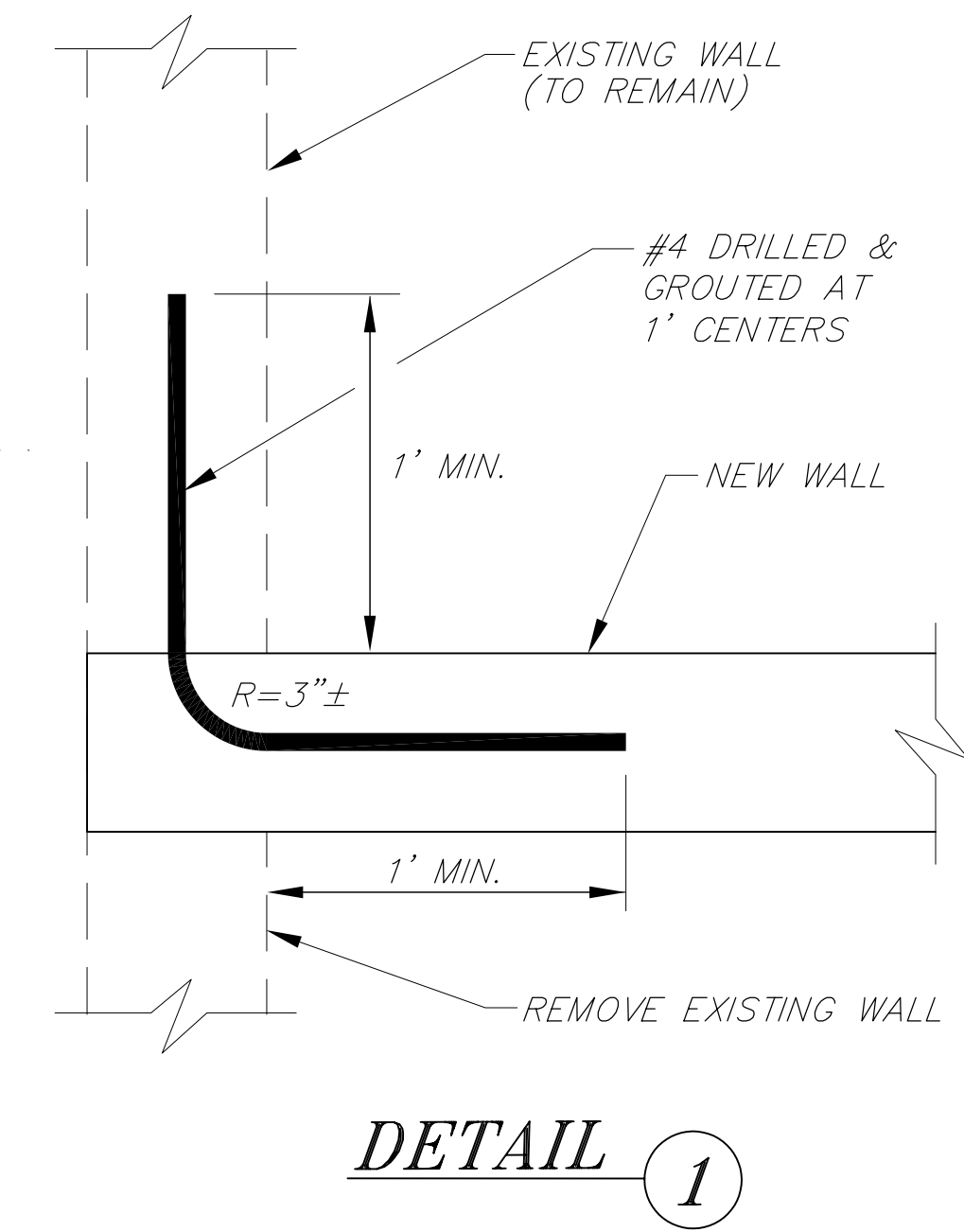
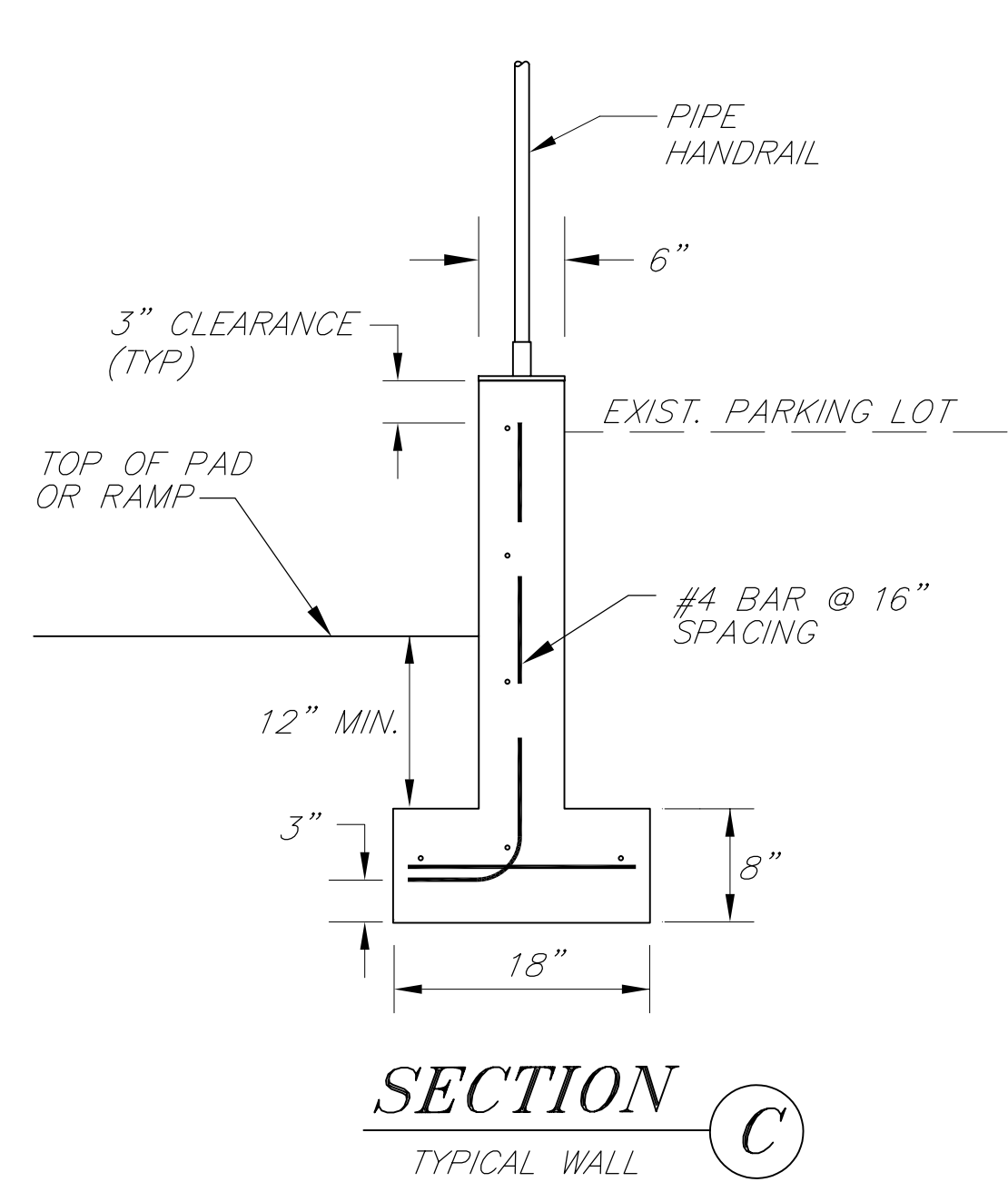
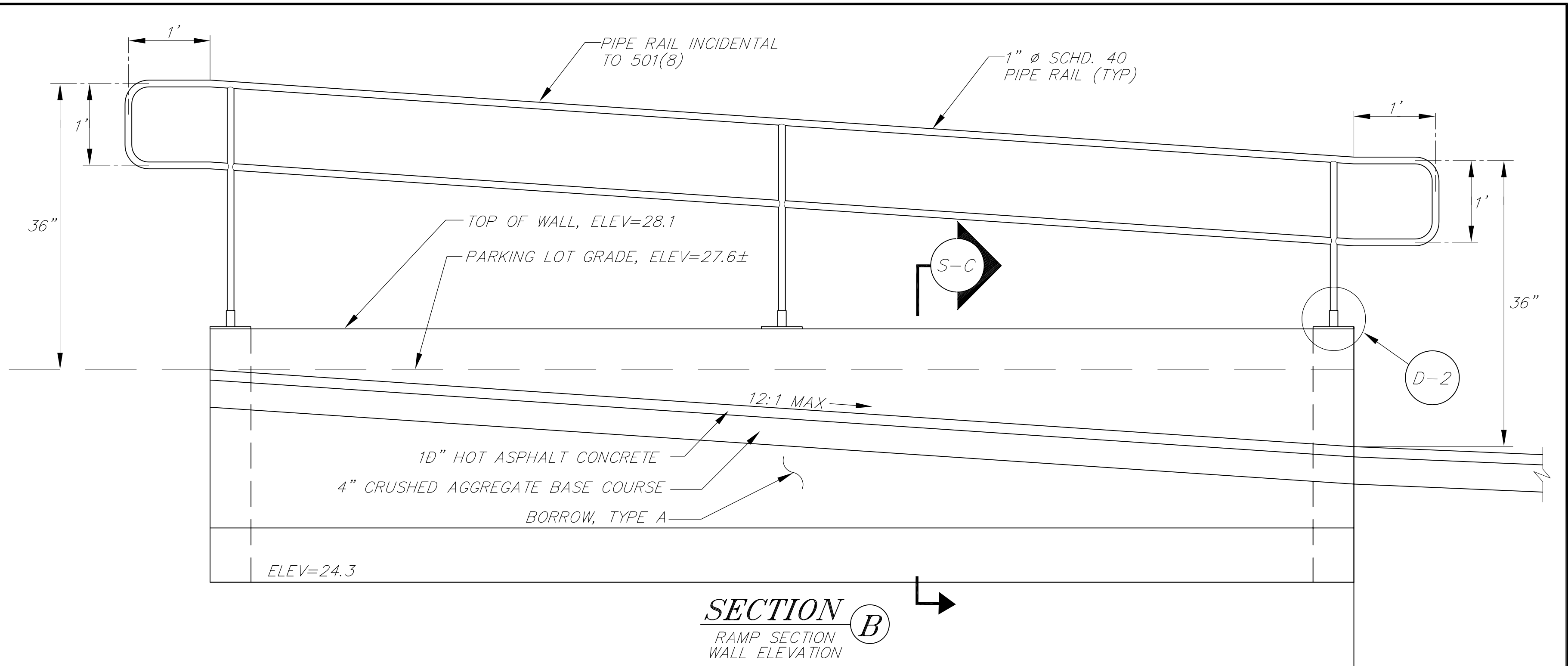
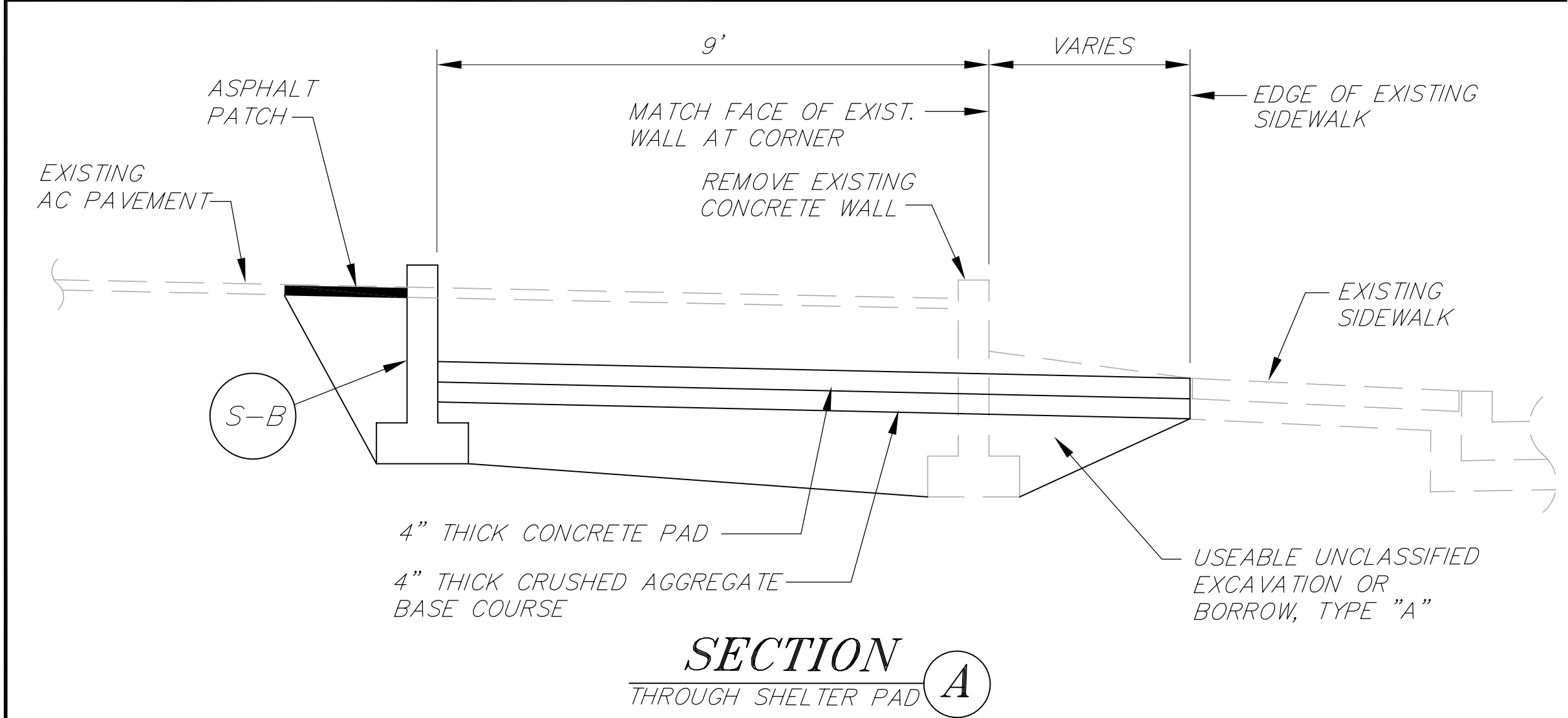
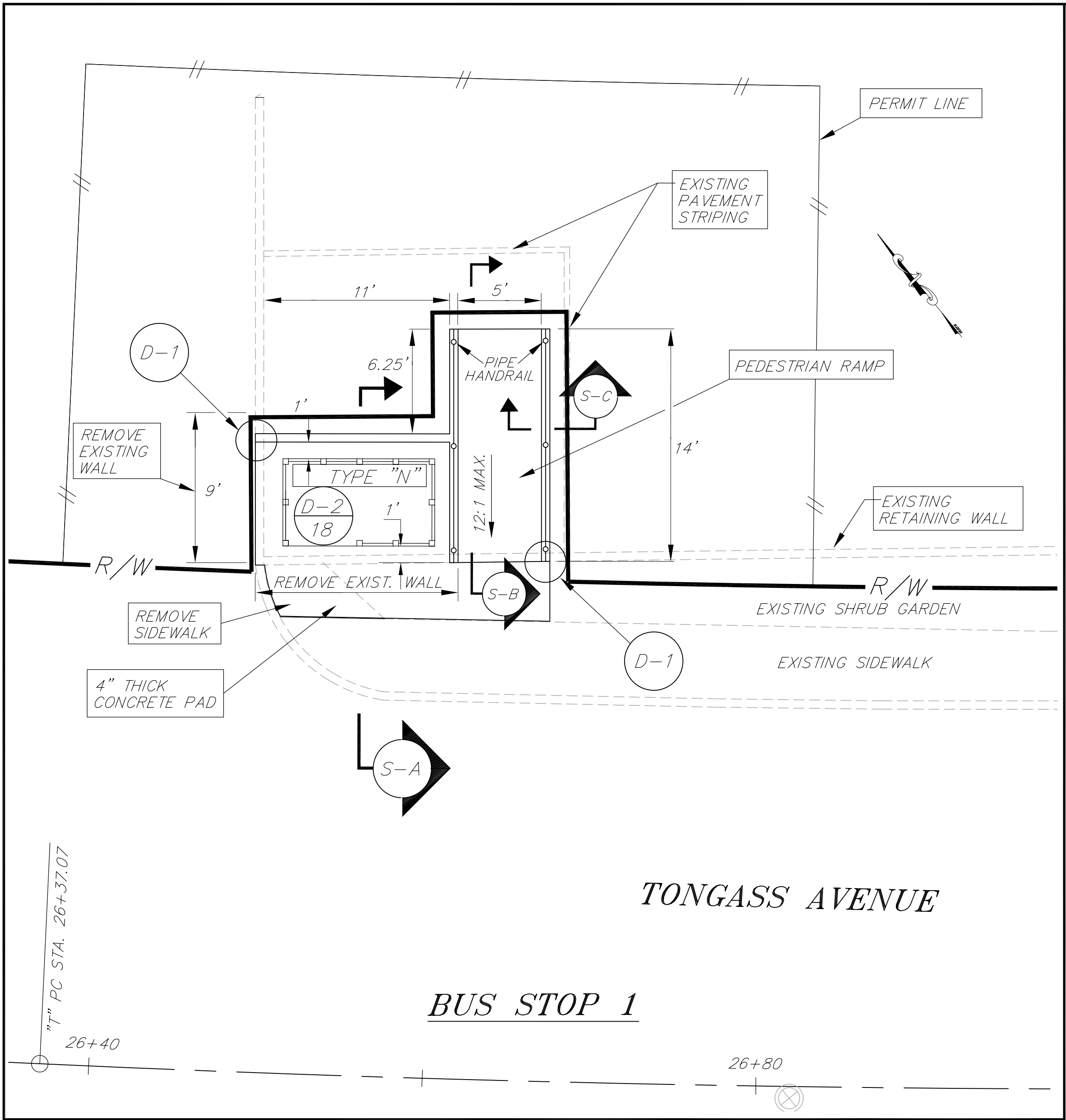
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 SOUTHEAST REGION

KETCHIKAN KTN - TONGASS AVENUE LANE IMPROVEMENTS ALASKA
 NH-0902(17) ~ 71047
 KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
 TEA-0902(23) ~ 72194
BUS STOP DETAILS

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

DESIGNED BY:	K. MATTSON	PROJECT NO.	71047/72194
DRAWN BY:	R. SNYDER	DATE:	1998
CHECKED BY:	A. STEININGER	SHEET 18 OF 68	

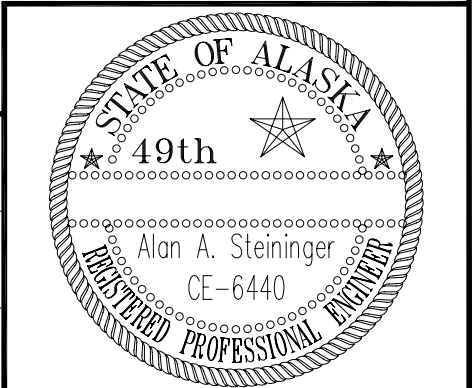




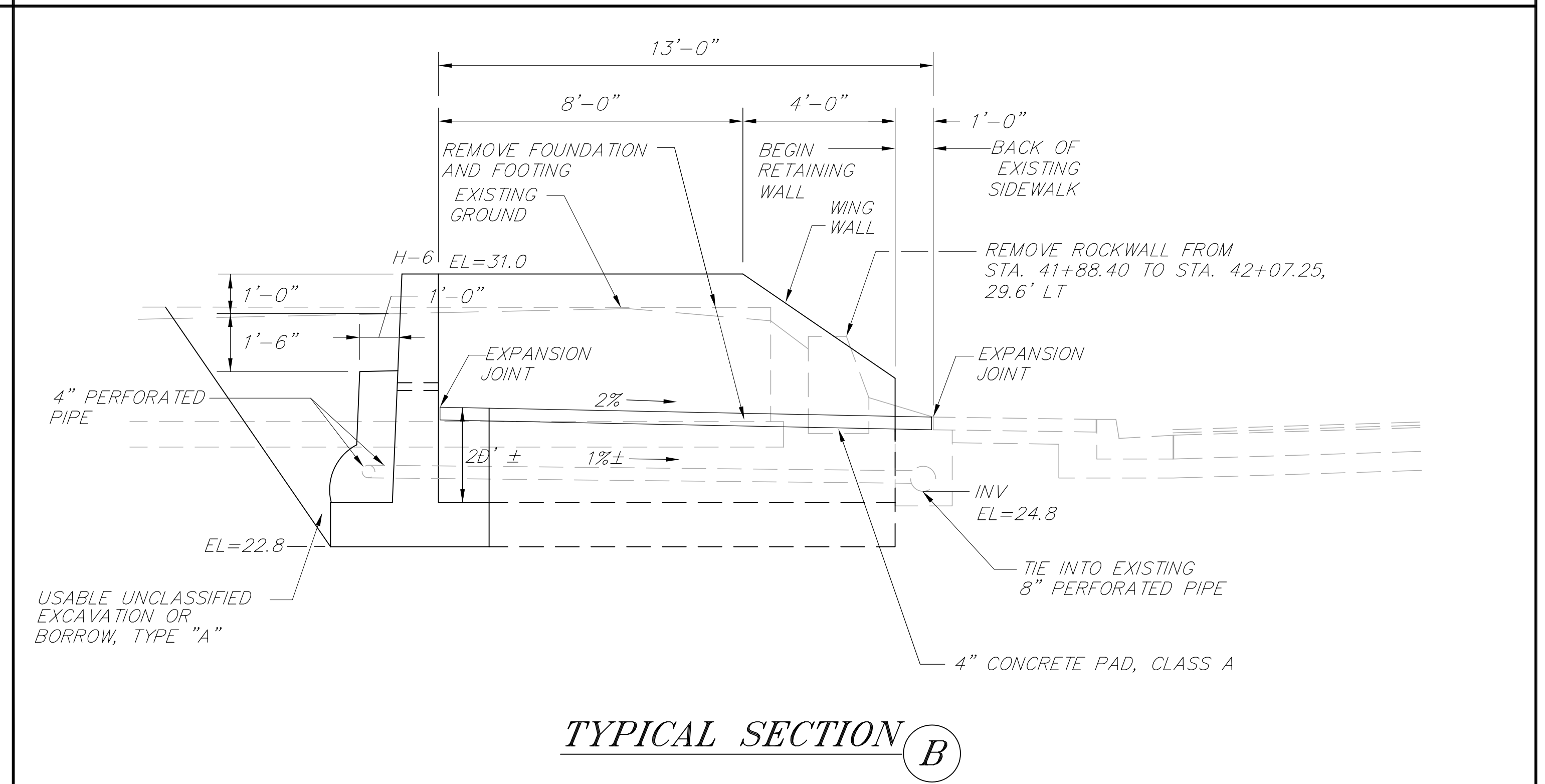
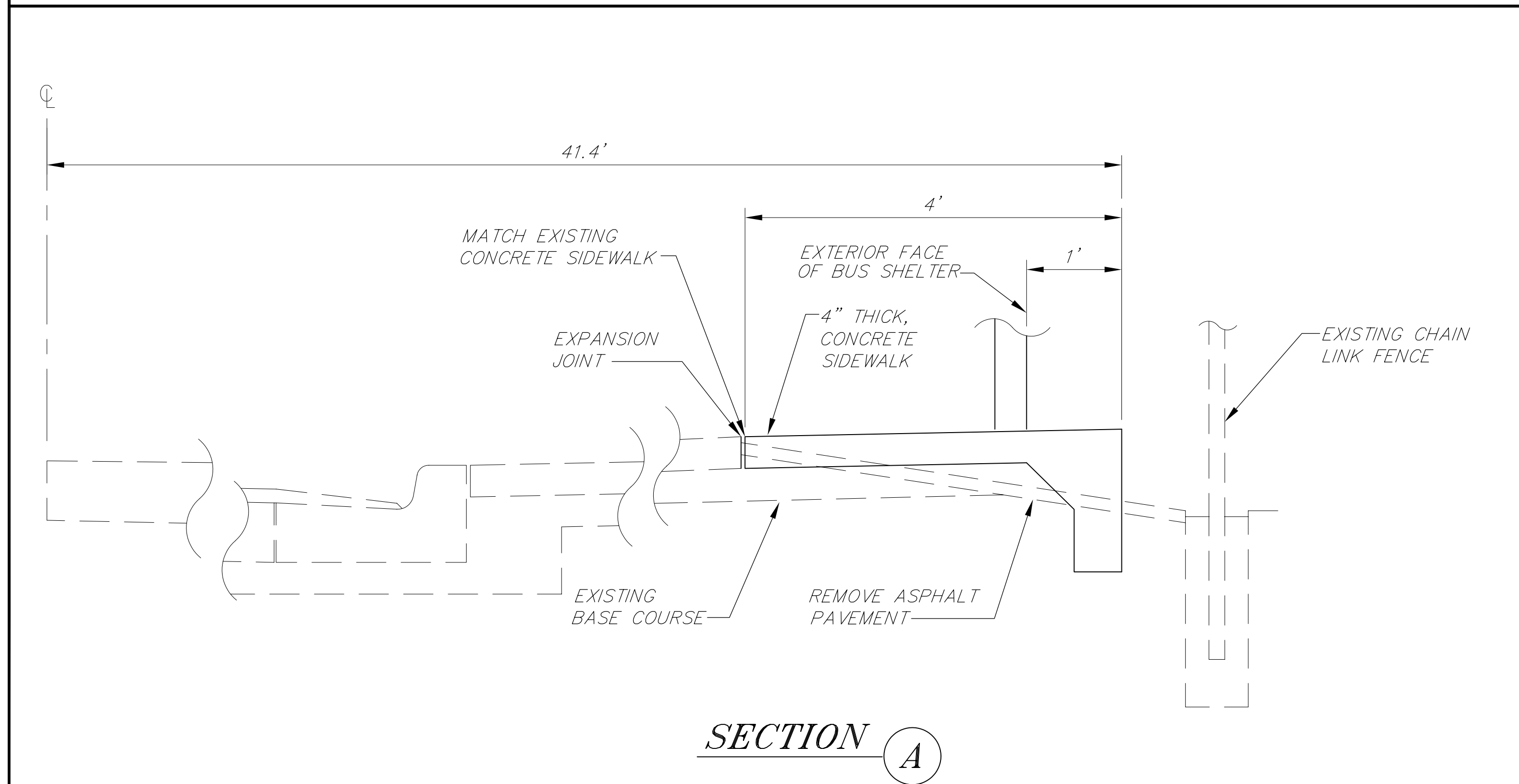
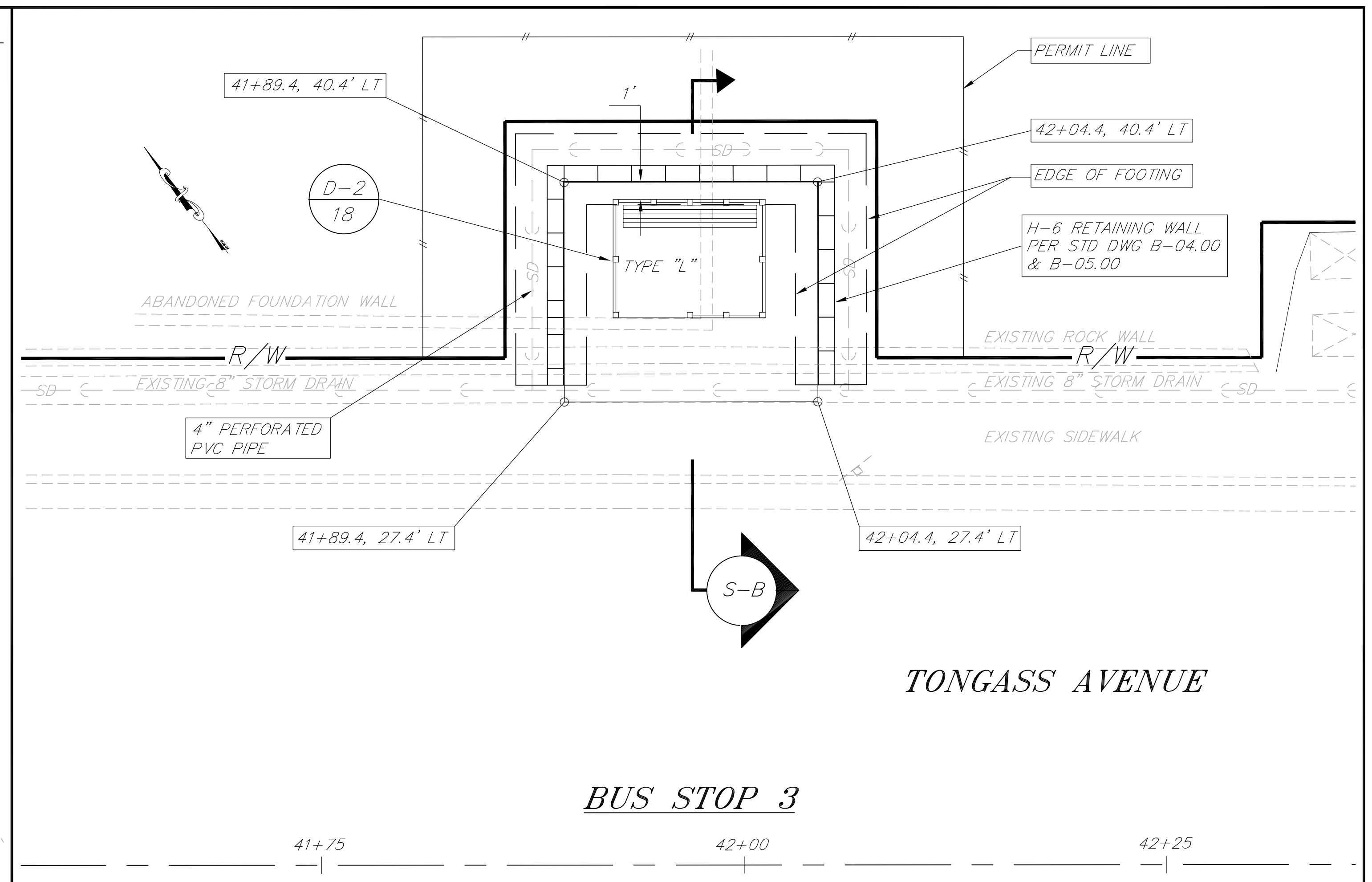
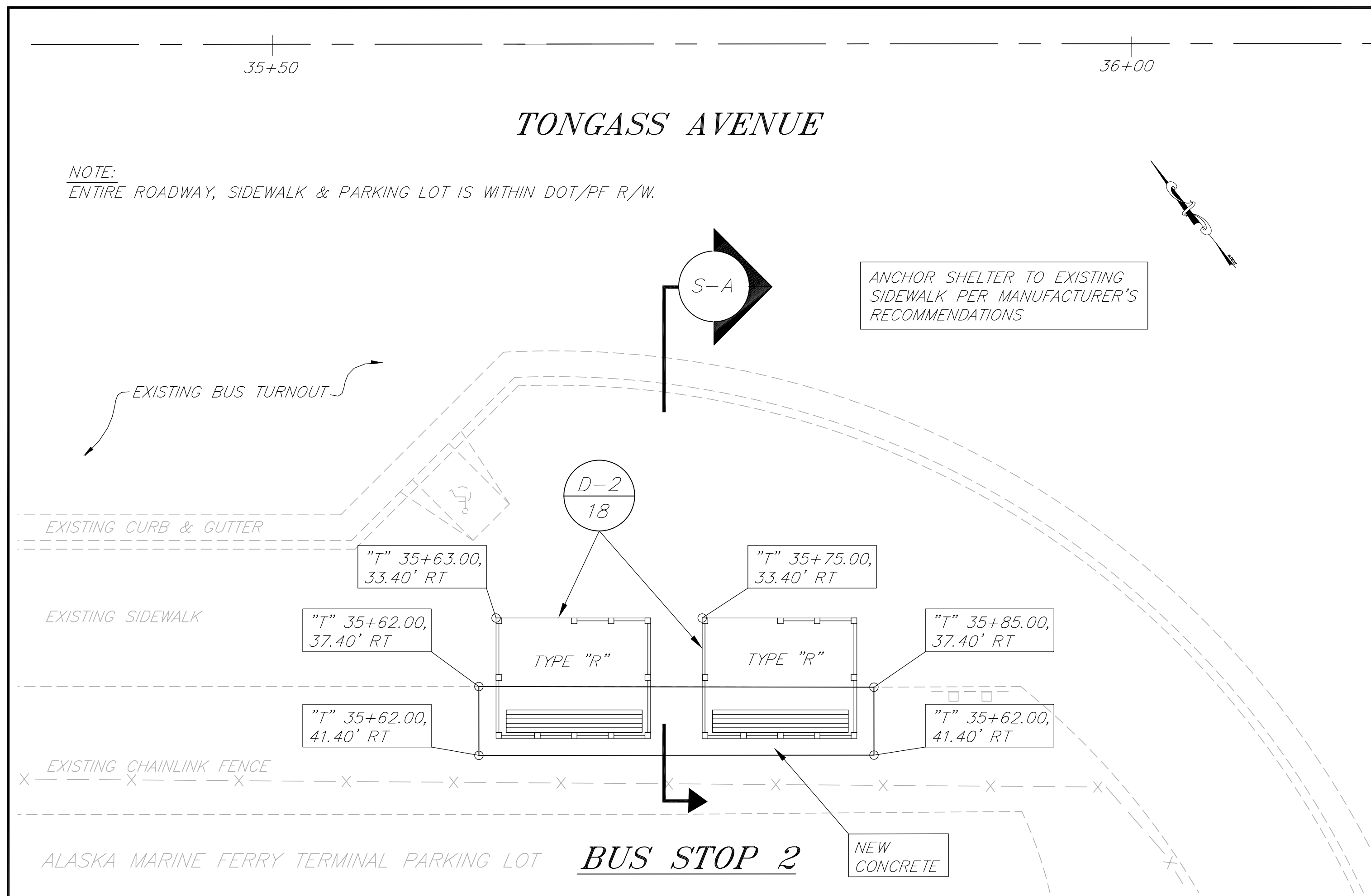
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
BUS STOP 1

DESIGNED BY:	K. MATTSON	PROJECT NO.	71047/72194
DRAWN BY:	D.W./R.S.	DATE:	1998
CHECKED BY:	AL STEININGER	SHEET	19 OF 68

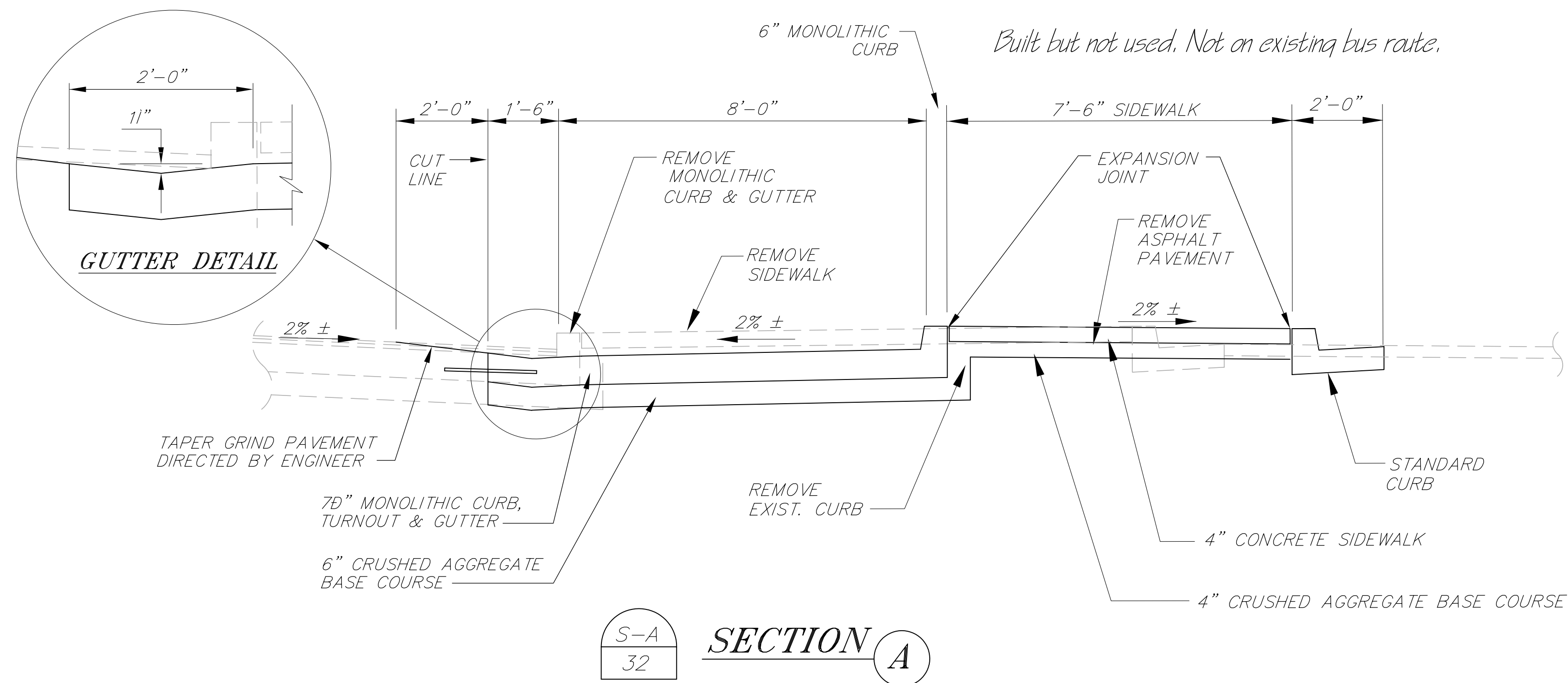
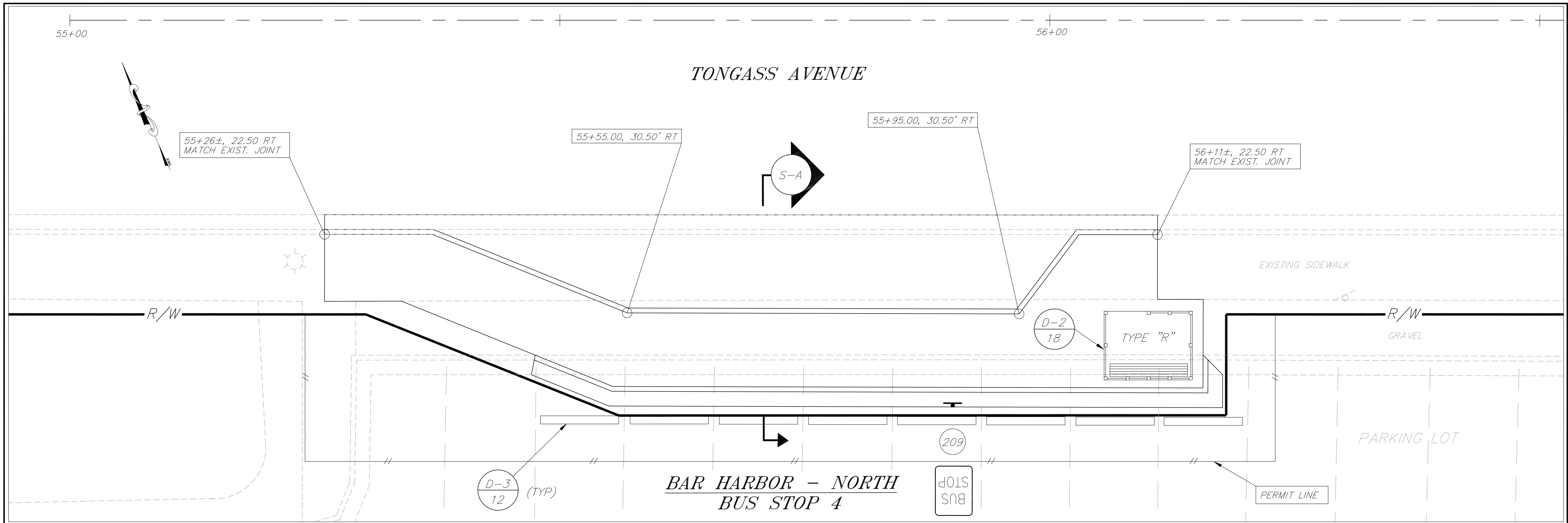


NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS



PATH: P: \KTN\71047\DR\ -BUS2-3		
PLOT: P: \-LIB\ -PLOT\ PLOT.PCP(1) OR PLOT.PCP(2)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		



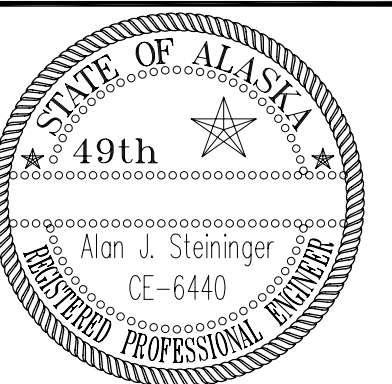


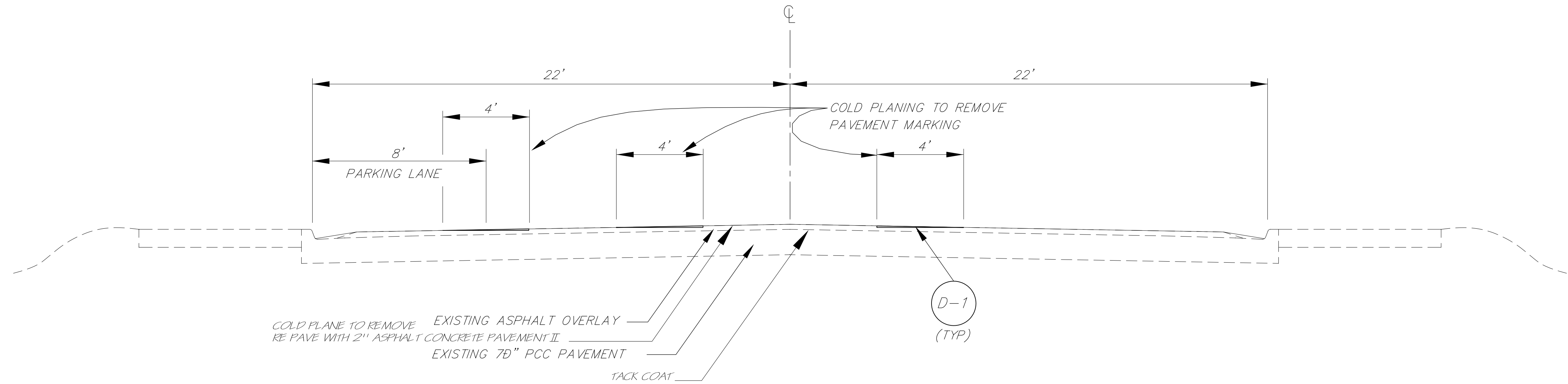
NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
BUS STOP 4, NORTH BAR HARBOR

DESIGNED BY:	D. WILLIAMS	PROJECT NO.	71047/72194
DRAWN BY:	D.W./R.S.	DATE:	1998
CHECKED BY:	AL STEININGER	SHEET	21 OF 68

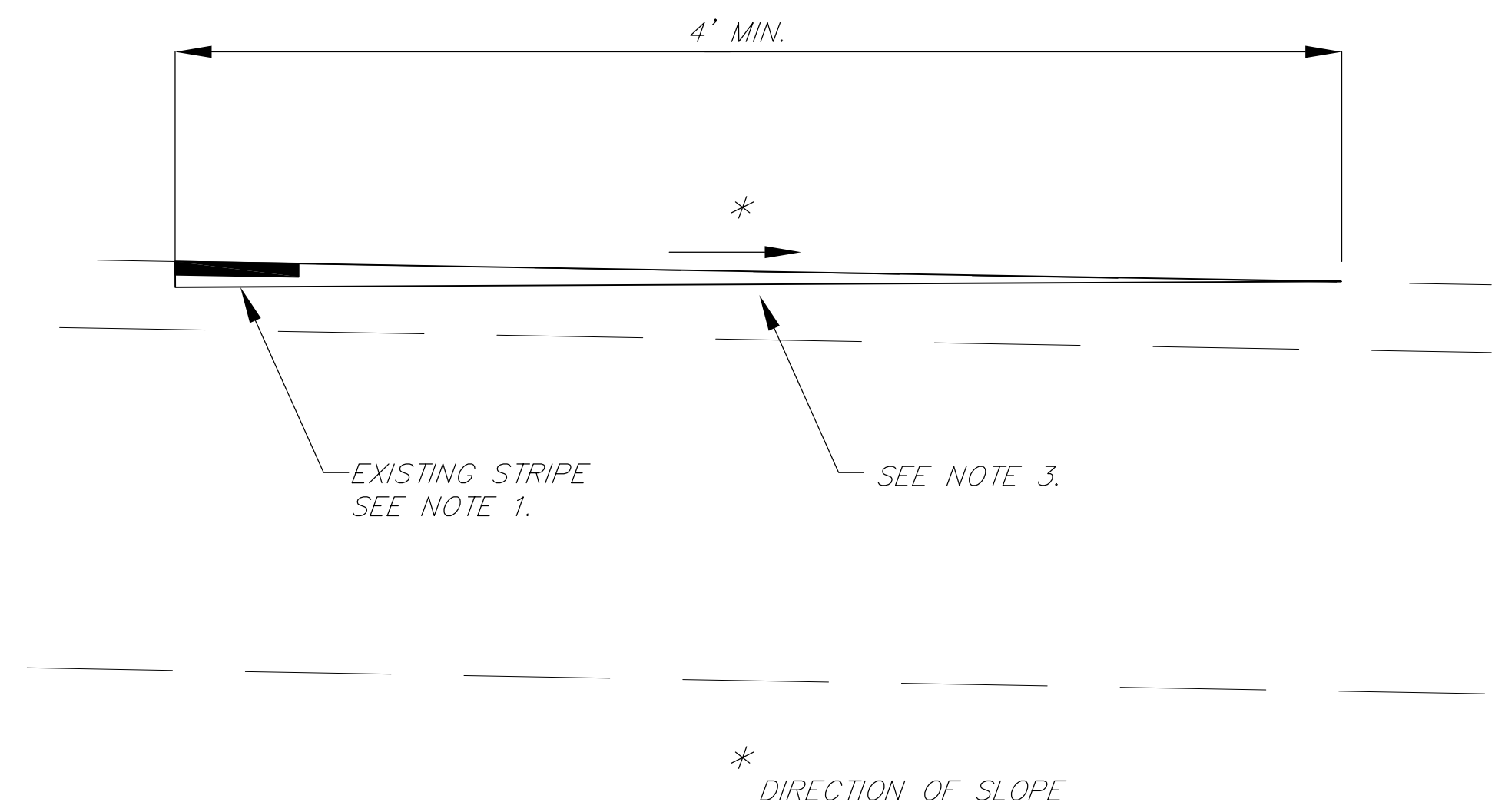




**GRINDING
TYPICAL SECTION**
TONGASS AVENUE
STA. 51+20 TO STA. 98+68.33

COLD PLANING NOTES

1. COLD PLANING TO REMOVE PAVEMENT MARKINGS SHALL BE DONE TO A DEPTH SUFFICIENT TO REMOVE ALL TRACES OF THE MARKINGS.
 2. COLD PLANING SHALL BE DONE WITH A GRINDER CAPABLE OF GRINDING A 4' SWATH $\pm 2"$.
 3. MAINTAIN CROSS SLOPE TO DRAIN, 1% MINIMUM.
 4. NO STRIPING REMOVAL OR RESTRIPIING OF SECTION FROM STA. 52+00 TO 98+00 SHALL BE DONE UNTIL NEW MODIFIED SIGNALS ARE IN PLACE. NEW STRIPING WILL BE DONE AS CLOSE AS POSSIBLE TO SIGNAL TURN ON.
- DUE TO RUTTED AND UNEVEN EXISTING PAVEMENT, PROFILE SHOWN IN (D-1) COULD NOT BE ACHIEVED. CO#3 WAS INITIATED TO COLD PLANE ENTIRE ROADWAY AND REPAVE.



DETAIL 1

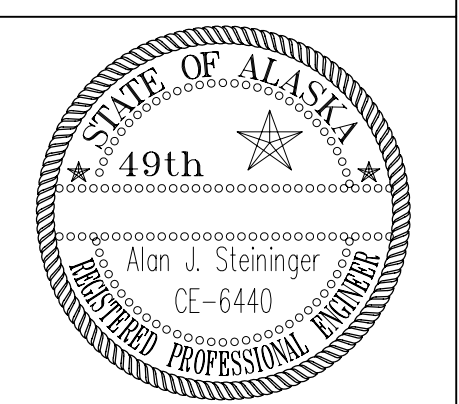
NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

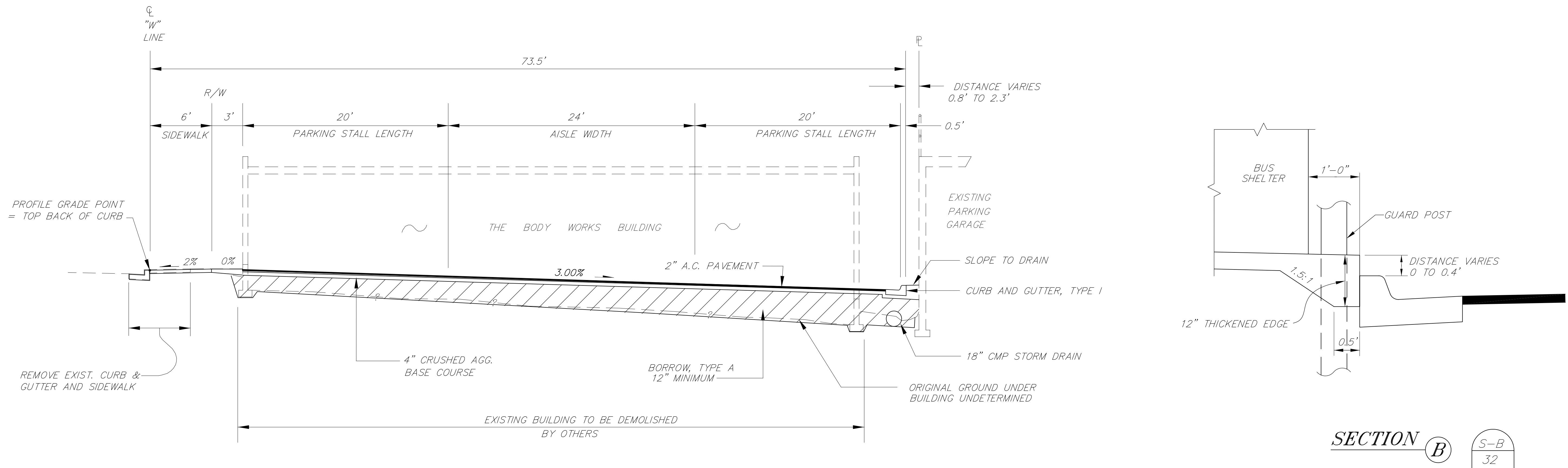
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PLOT: P: \-LIB\ -PLOT\ PLOT.F.PCP(1) OR PLOT.H.PCP(2)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

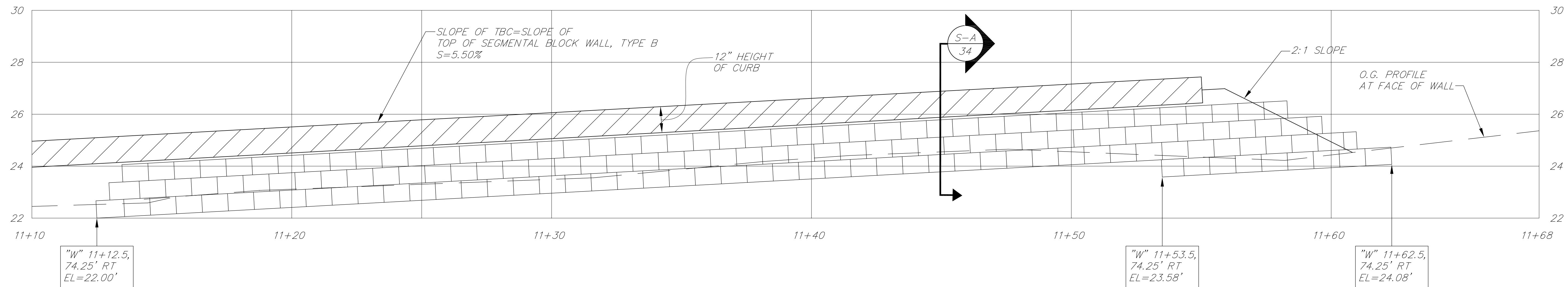
KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
COLD PLANING & PAVING DETAILS

DESIGNED BY:	K. MATTSON	PROJECT NO.	71047/72194
DRAWN BY:	K.M./R.S.	DATE:	1998
CHECKED BY:	AL STEININGER	SHEET	25 OF 68



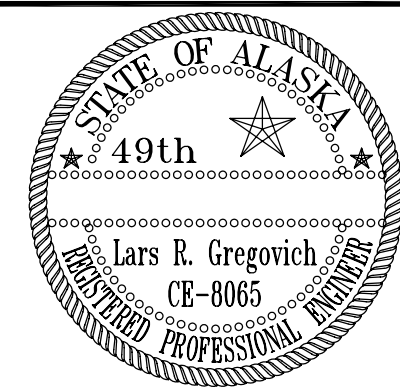


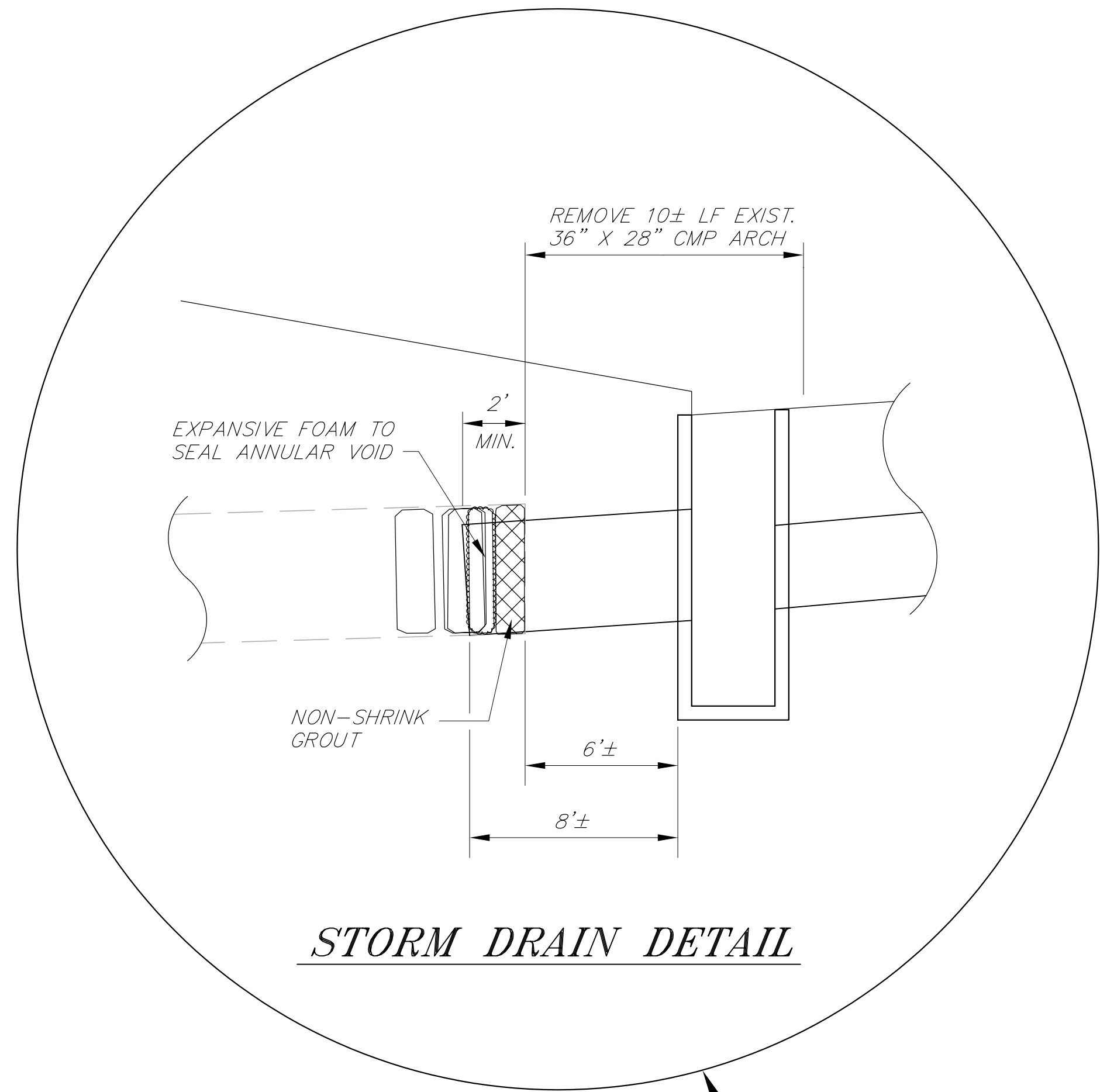
WASHINGTON STREET PARKING LOT - TYPICAL SECTION



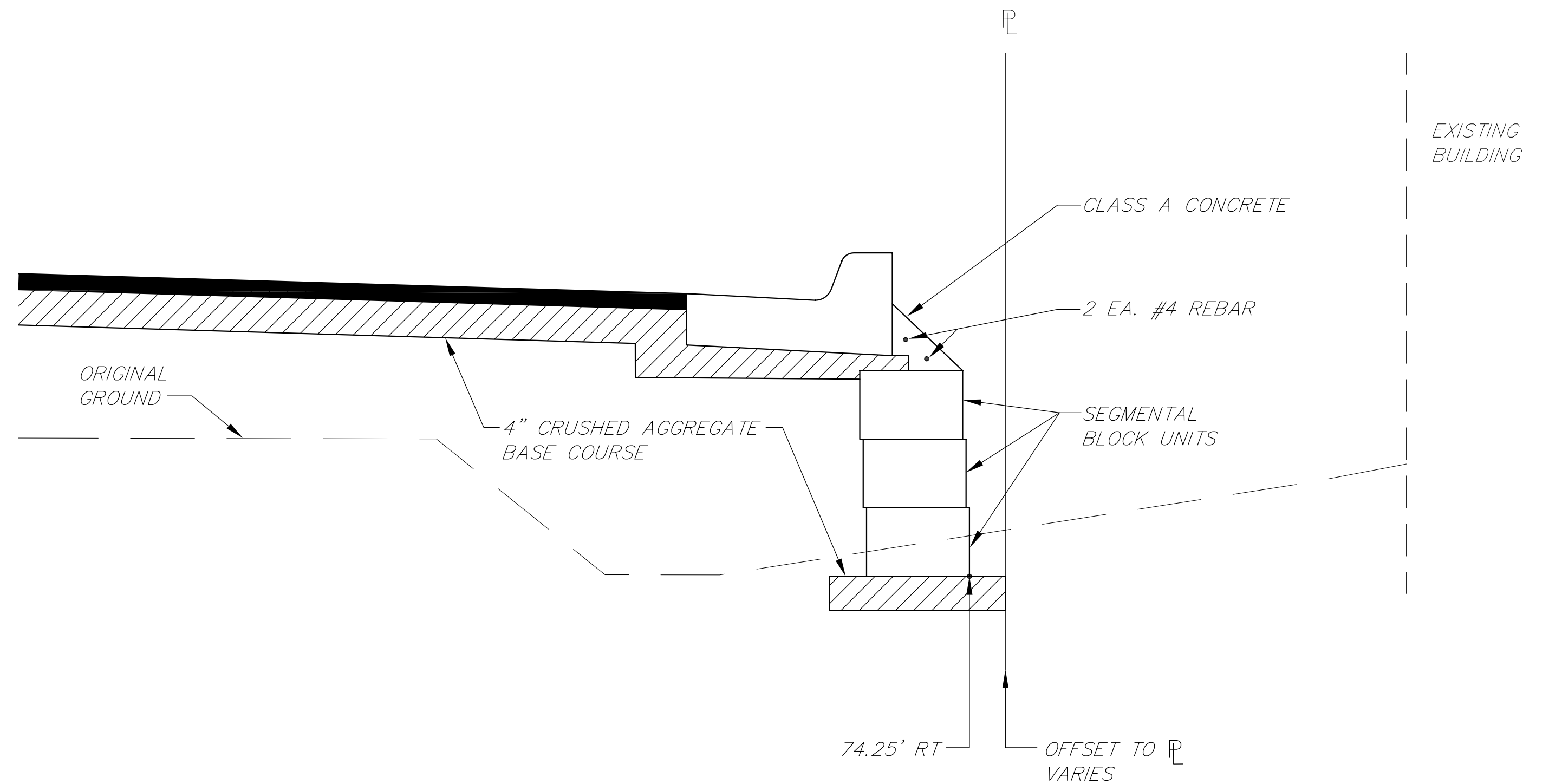
SEGMENTAL BLOCK WALL TYPE B PROFILE

PATH: P: \KTN\71047\DR\BDYWKS3			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION	KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA NH-0902(17) ~ 71047 KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS TEA-0902(23) ~ 72194 WASHINGTON ST. PARKING LOT DETAILS	NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS			
PLOT: P: \-LIB\ -PLOT\ PLOT.F.PCP(1) OR PLOT.H.PCP(2)					DESIGNED BY: L. GREGOVICH	PROJECT NO. 71047/72194		
BY:	DATE:	DESCRIPTION OF CHANGE:			DRAWN BY: L.G./R.S.	DATE: 1998		
RECORD OF REVISIONS					CHECKED BY: A. STEININGER	SHEET 33 OF 68		



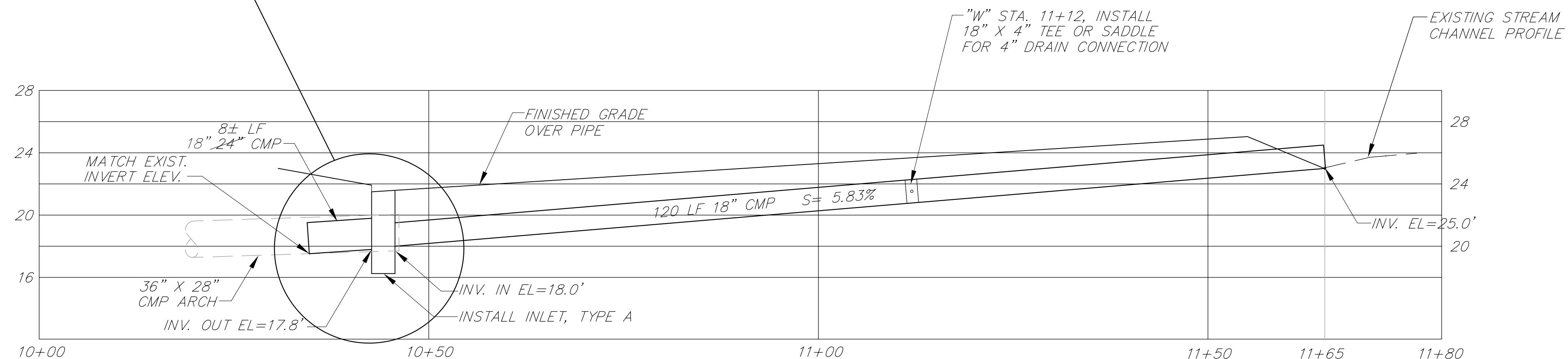


STORM DRAIN DETAIL



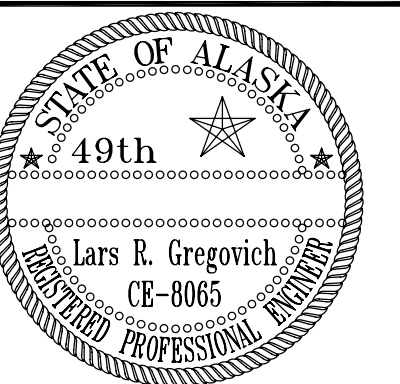
SEGMENTAL BLOCK WALL TYPICAL SECTION A

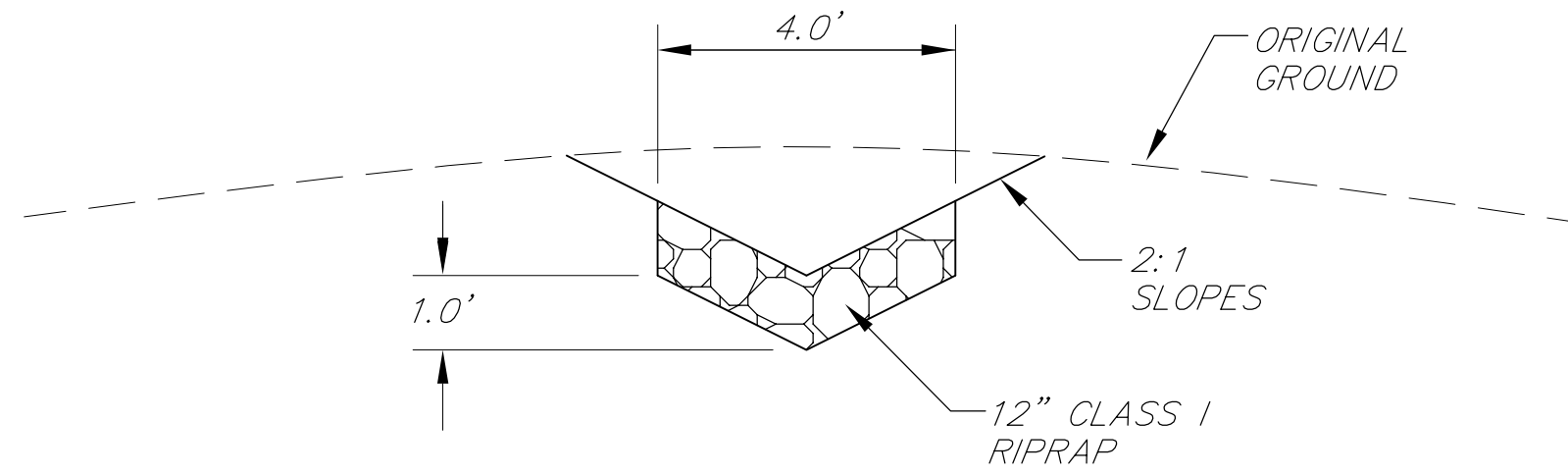
S-A
32
33



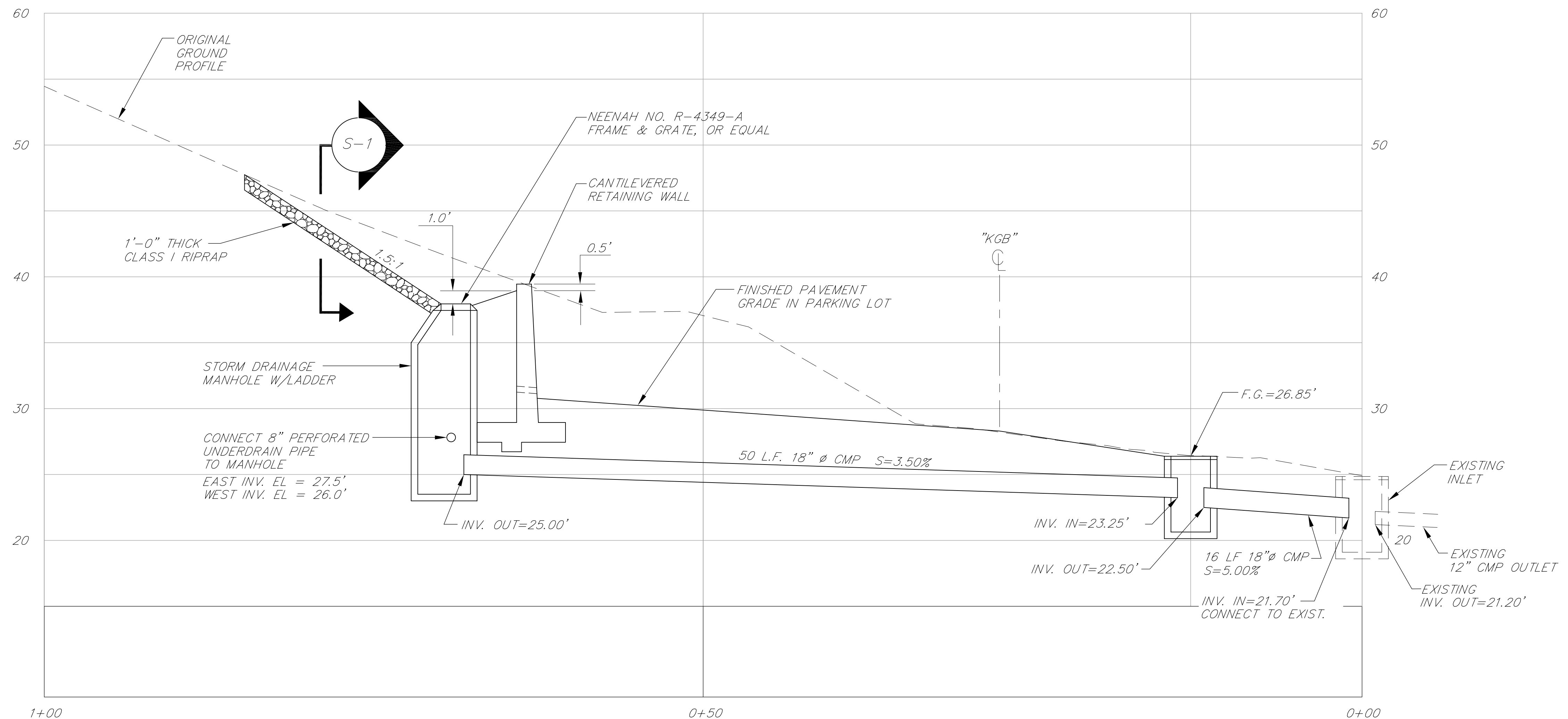
STORM DRAIN PROFILE

PATH: P: \KTN\71047\DR\BDYWKS3 PLOT: P: \-LIB\ -PLOT\ PLOT.F.PCP(1) OR PLOT.H.PCP(2) BY: DATE: DESCRIPTION OF CHANGE:			STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION		KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA NH-0902(17) ~ 71047 KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS TEA-0902(23) ~ 72194 WASHINGTON ST. PARKING LOT DETAILS	NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS DESIGNED BY: L. GREGOVICH DRAWN BY: L.R.G. CHECKED BY: A. STEININGER		PROJECT NO. 71047/72194 DATE: 1998 SHEET 34 OF 68
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SECTION 1



STORM DRAIN PROFILE

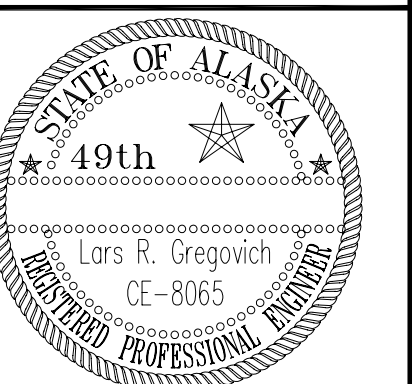
NOTE: DO NOT SCALE FROM THESE PLANS--USE DIMENSIONS

PATH: P: \KTN\71047\DR\ -KGBLOT1.dwg		
PLOT: P: \-LIB\ -PLOT\ PLOT1.PCP(5) OR PLOT1.PCP(10)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

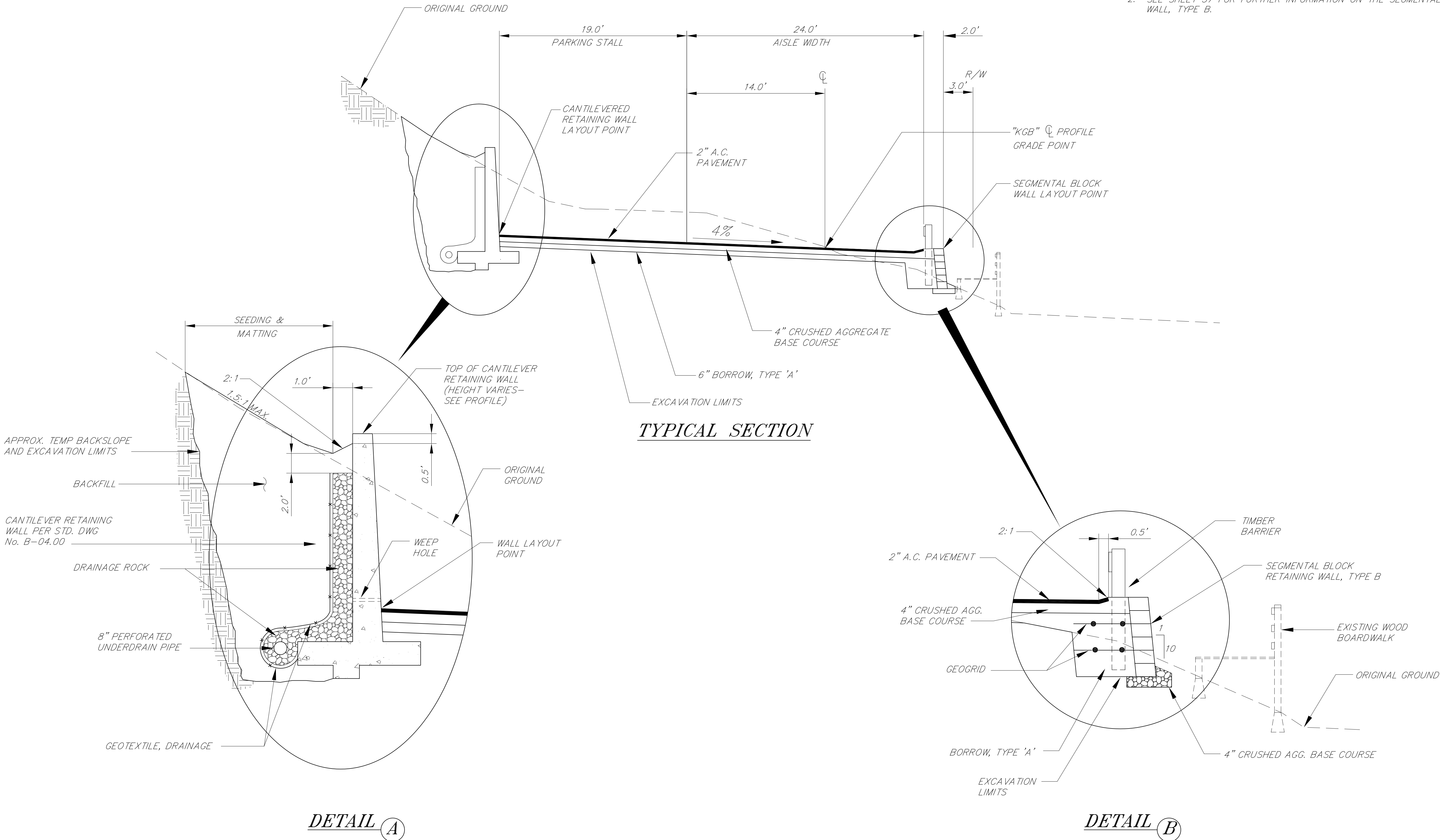
KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
W. 1ST AVE. LOT STORM DRAIN PROFILES

DESIGNED BY:	PROJECT NO.
L. GREGOVICH	71047/72194
DRAWN BY:	DATE:
L.G./R.S.	1998
CHECKED BY:	SHEET 36 OF 68
AL STEININGER	



TYPICAL SECTION NOTES

1. A SPECIAL TYPE WALL OCCURS FROM STA. 1+10 TO 1+50 LT. SEE SHEET 37 AND 39 FOR FURTHER INFORMATION.
2. SEE SHEET 37 FOR FURTHER INFORMATION ON THE SEGMENTAL BLOCK RETAINING WALL, TYPE B.



NOTE: DO NOT SCALE FROM THESE PLANS--USE DIMENSIONS

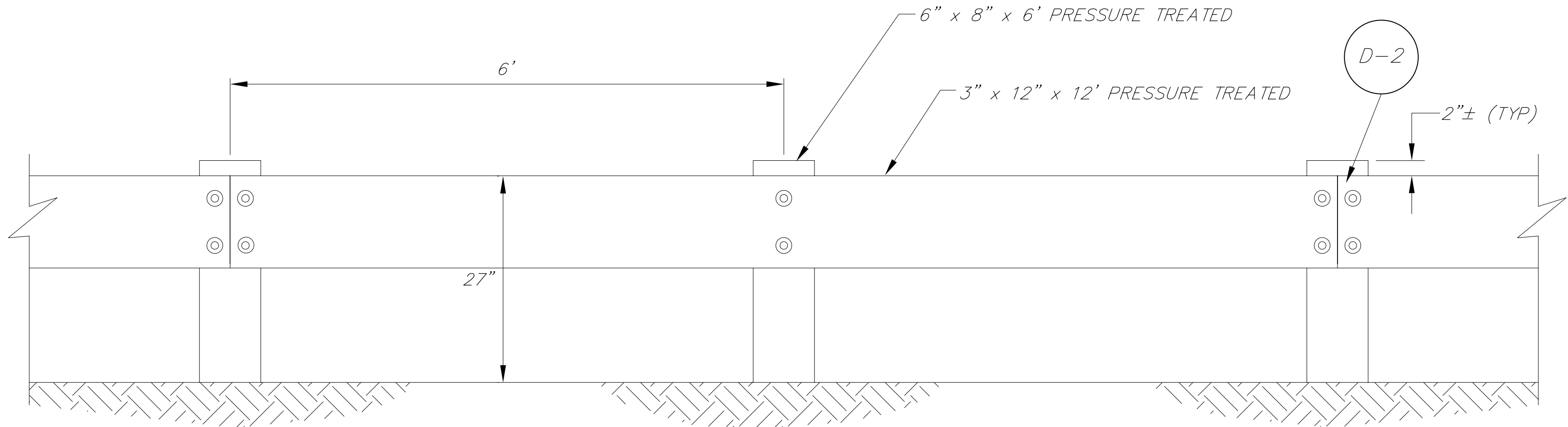
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PLOT: P: \-LIB\--PLOT\PLOT.F.PCP(5) OR PLOT.F.PCP(10)		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

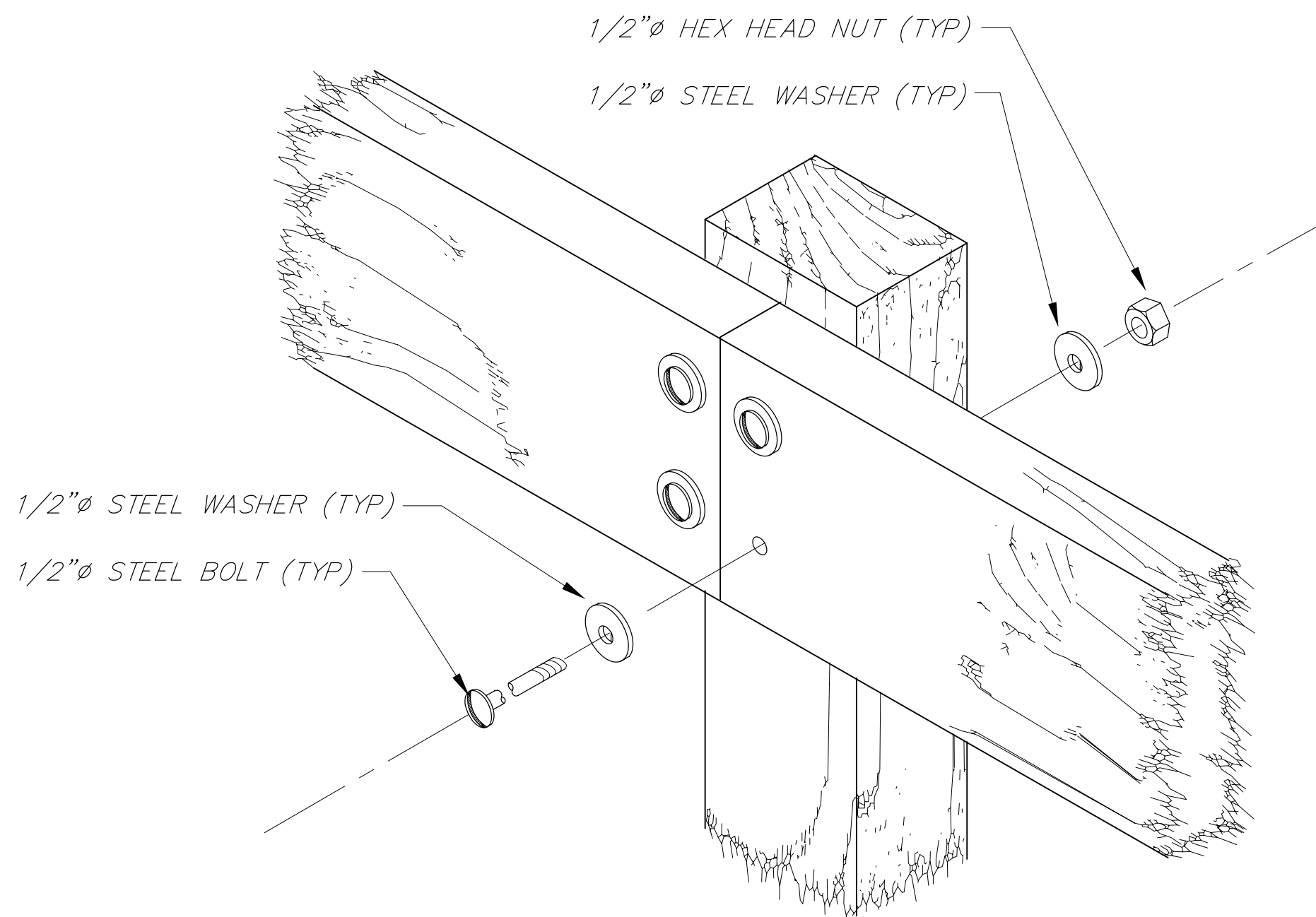
KETCHIKAN KTN-TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH-0902(17) ~ 71047
KTN-TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA-0902(23) ~ 72194
WEST 1ST AVE. PARKING LOT TYPICAL SECTION

DESIGNED BY:	PROJECT NO.
L. GREGOVICH	71047/72194
DRAWN BY:	DATE:
L.G./R.S.	1998
CHECKED BY:	SHEET 38 OF 68
AL STEININGER	

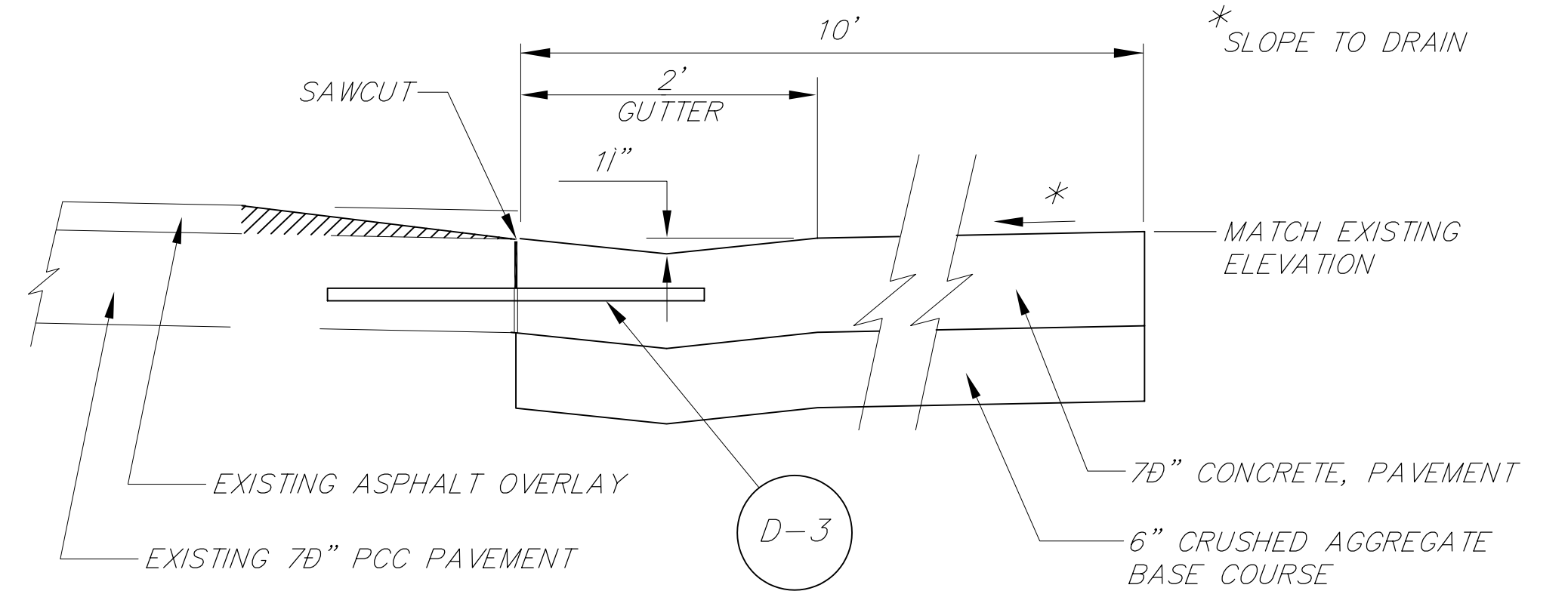




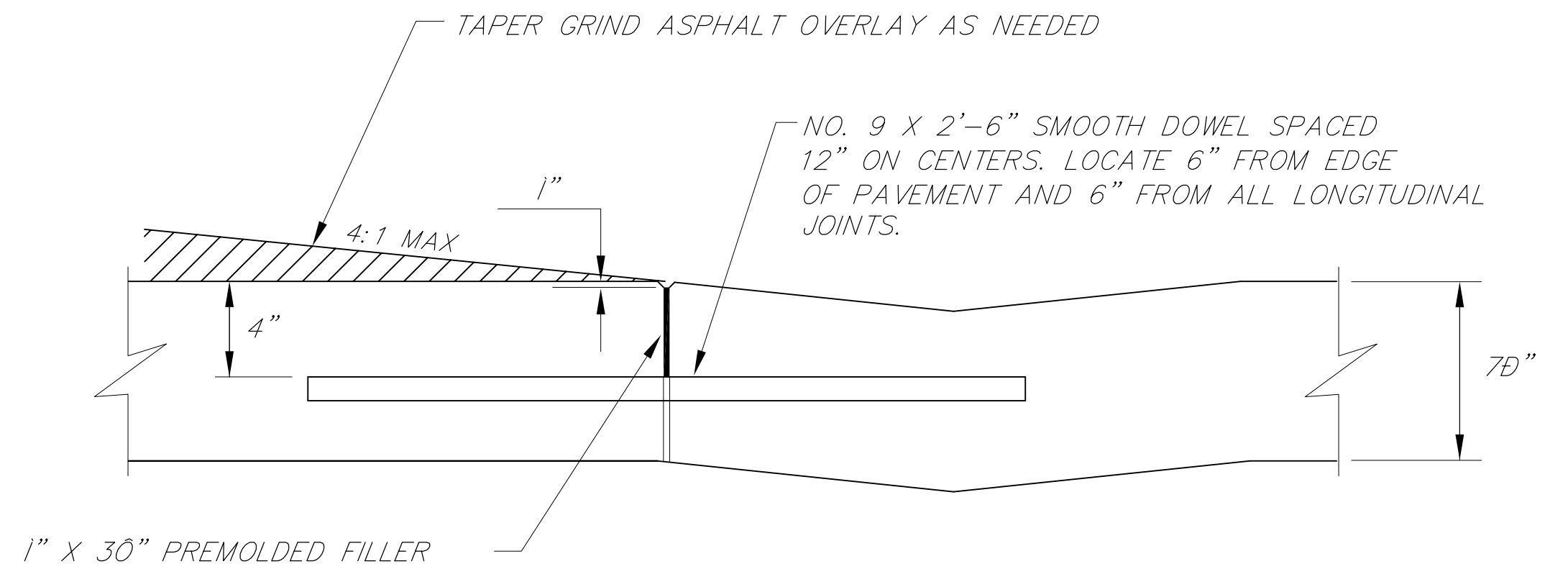
TIMBER BARRIER DETAIL 1



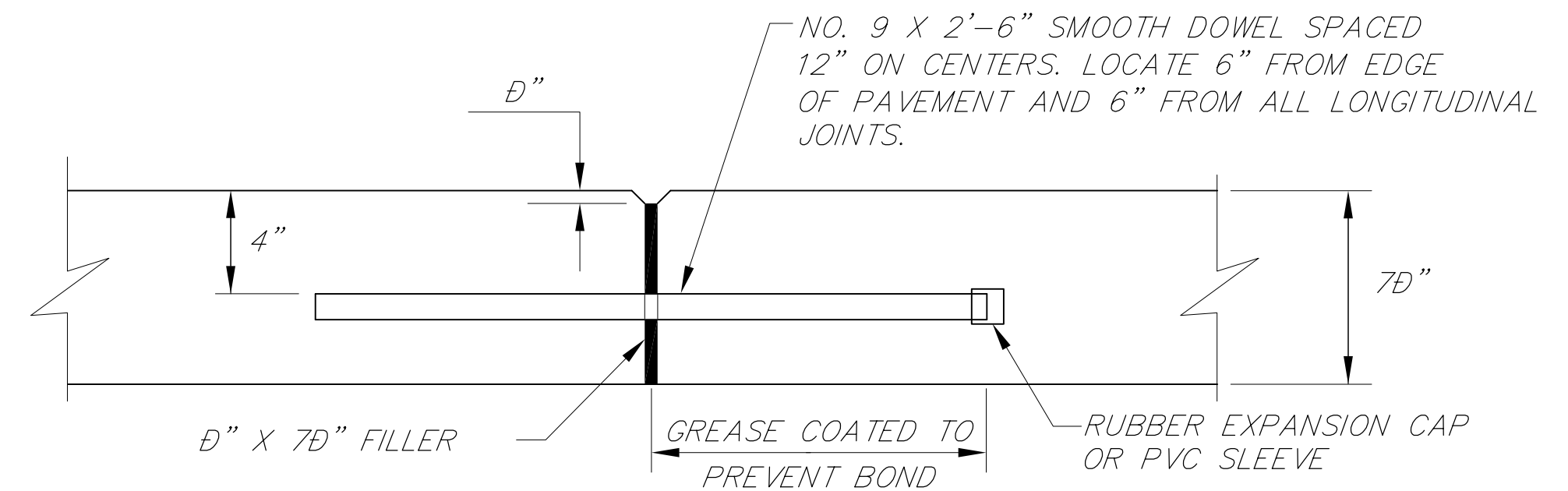
ASSEMBLY DETAIL 2



TYPICAL CONCRETE SECTION A



CONSTRUCTION JOINT DETAIL 3



EXPANSION JOINT SECTION C

PATH:	P: \KTN\71047\DR\—MISC2	
PLOT:	P: \—LIB\—PLOT\PLOT.F.PCP(1) OR PLOT.H.PCP(2)	
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

KETCHIKAN KTN—TONGASS AVENUE LANE IMPROVEMENTS ALASKA
NH—0902(17) ~ 71047
KTN—TONGASS AVENUE PEDESTRIAN IMPROVEMENTS
TEA—0902(23) ~ 72194
MISCELLANEOUS DETAILS

NOTE: DO NOT SCALE FROM THESE PLANS—USE DIMENSIONS

DESIGNED BY:	PROJECT NO.
K. MATTSON	71047/72194
DRAWN BY:	DATE:
R.S.	1998
CHECKED BY:	SHEET 42 OF 68
A. STEININGER	

