

PORT OF TACOMA

PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 PROJECT NO. 201038.02 PA 000000038

PORT COMMISSIONERS:

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KRISTIN ANG
DEANNA KELLER

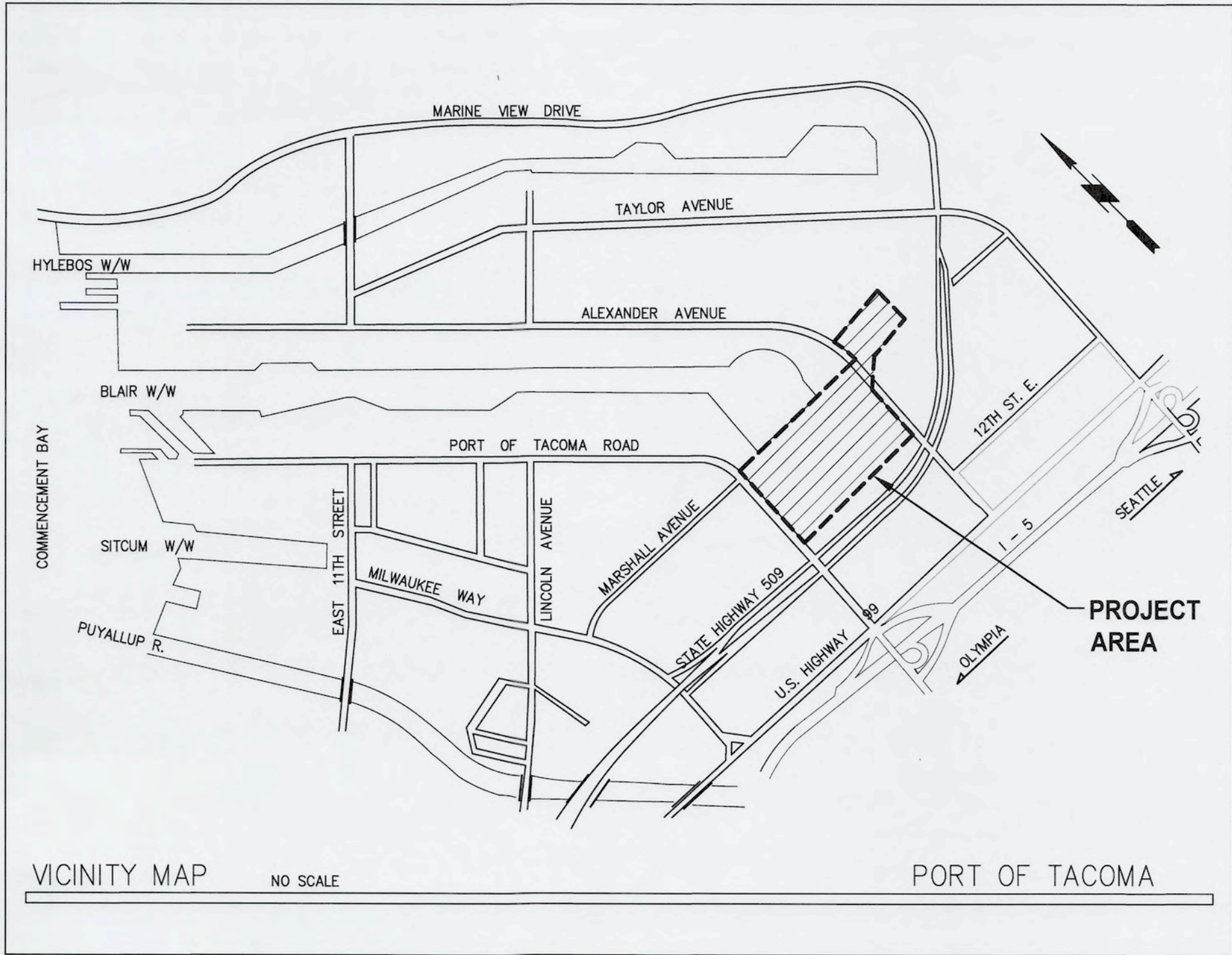
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DRAWING LIST		
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12/13/2024

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PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
COVER PAGE & SHEET INDEX

6699
G1.01
SHEET 1 OF 16
CONT/CONS: PA 000000038
M. ID: 201038.02
PHASE: BID SET

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BINDING EDGE

GENERAL NOTES:

1. THE PLANS INDICATE TYPICAL REPAIR AND REHABILITATION OF EXISTING YARD STRUCTURES AND SHALL BE CONSIDERED TO BE REFERENCE INFORMATION FOR THE PURPOSES OF BID PREPARATION OF THE UNIT PRICE PAY ITEMS. WORK OF THIS CONTRACT WILL BE AUTHORIZED ON A TASK BY TASK BASIS AND MAY VARY FROM THE WORK REPRESENTED ON THE PLANS. THE LOCATIONS AND LIMITS OF WORK IS SUBJECT TO FIELD DETERMINATION BY THE ENGINEER AND AUTHORIZATION ON A TASK BY TASK BASIS.
2. THE CONTRACTOR SHALL PERFORM ALL WORK IN SUCH A MANNER AS TO NOT IMPACT TERMINAL OPERATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE PORT AND SCHEDULE WORK TO MINIMIZE DISRUPTION, STRICT COMPLIANCE WITH THE SPECIFIED WORK HOURS AND DAYS WILL BE ENFORCED. SEE SPECIFICATIONS FOR CONSTRUCTION LIMITATIONS AND RELATED INFORMATION.
3. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES. CONTRACTOR SHALL PROVIDE TIMELY NOTIFICATION TO THE ENGINEER FOR ALL ITEMS OF WORK REQUIRING COORDINATION.
4. THE CONTRACTOR SHALL PROVIDE ALL NOTICES AND PERMITS REQUIRED FOR THIS WORK.
5. IF CLASSIFIED HAZARDOUS MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR IS DIRECTED TO STOP WORK IN THE EFFECTED AREA IMMEDIATELY AND NOTIFY THE ENGINEER.
6. CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER PRIOR TO DISCONNECTING OR INTERRUPTING THE OPERATION OF ANY EXISTING UTILITY OR SYSTEM. CONTRACTOR SHALL REQUEST PERMISSION FROM THE ENGINEER A MINIMUM OF TWO (2) DAYS PRIOR TO DISRUPTING SAID UTILITY.
7. MODIFICATIONS TO EXISTING STRUCTURES SHALL MAINTAIN A LOAD CAPACITY OF 125 KIPS (REFER TO REFERENCE DOCUMENT PCT REDEVELOPMENT CONSTRUCTION SHEET S1.1 PROVIDED BY THE PORT).

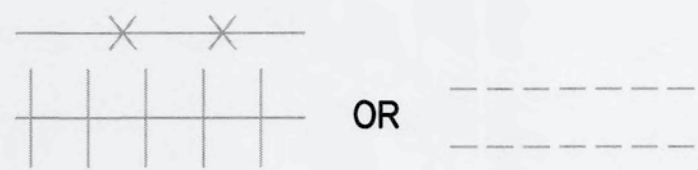
ABBREVIATIONS

'	FEET
"	INCHES
⊙	AT
ACP	ASPHALT CONCRETE PAVEMENT
APPROX	APPROXIMATE
BLDG	BUILDING
CB	CATCH BASIN
CL	CLASS
COMM	COMMUNICATIONS
CONC	CONCRETE
CPV	CRANE POWER VAULT
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CTR	CENTER
CV	COMMUNICATIONS VAULT
CY	CUBIC YARD
DIA, Ø	DIAMETER
DIM	DIMENSION
ELEC	ELECTRICAL
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
ESC	EROSION AND SEDIMENTATION CONTROL
EW	EACH WAY
EX	EXISTING
FOV	CRANE FIBER OPTIC COMMUNICATIONS VAULT
FT	FEET
FV	FIELD VERIFY
FW	FIRE WATER
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
IE	INVERT ELEVATION
KIPS	THOUSANDS OF POUNDS
LF	LINEAR FEET
MAINT	MAINTENANCE
MAX	MAXIMUM
MFR's	MANUFACTURERS
MH	MANHOLE
MIN	MINIMUM
MLLW	MEAN LOWER LOW WATER
N	NORTH OR NORTHING
NA	NOT APPLICABLE
NGAS	NATURAL GAS
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OWS	OIL / WATER SEPARATOR
PCT	PIERCE COUNTY TERMINAL
PG	PERFORMANCE GRADE
POT	PORT OF TACOMA
PV	POWER VAULT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT

REINF	REINFORCED
REQ'D	REQUIRED
ROW	RIGHT OF WAY (CITY OF TACOMA)
RR	RAIL ROAD
SD	STORM DRAINAGE
SIM	SIMILAR
SS	SANITARY SEWER
STD	STANDARD
SV	SITE COMMUNICATIONS VAULT
TESC	TEMPORARY EROSION AND SEDIMENTATION CONTROL
TEL	TELEPHONE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VT	VAULT
VLV	VALVE

LEGEND

EXISTING



DESCRIPTION

FENCE

RAILROAD TRACKS

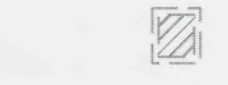
ROW/PROPERTY LINE.

TRAFFIC FLOW DIRECTIONAL ARROW (REFERENCE ONLY)

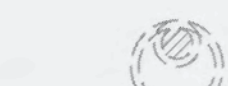


POLE

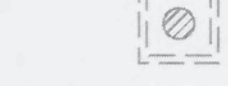
TYPE 1L CB



TYPE 2 CB



POWER / COMMUNICATION VAULT



ACP



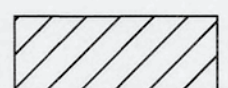
GRAVEL BASE



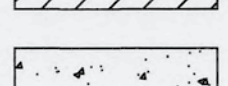
SUBGRADE



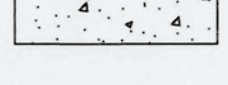
NEW



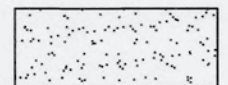
ACP



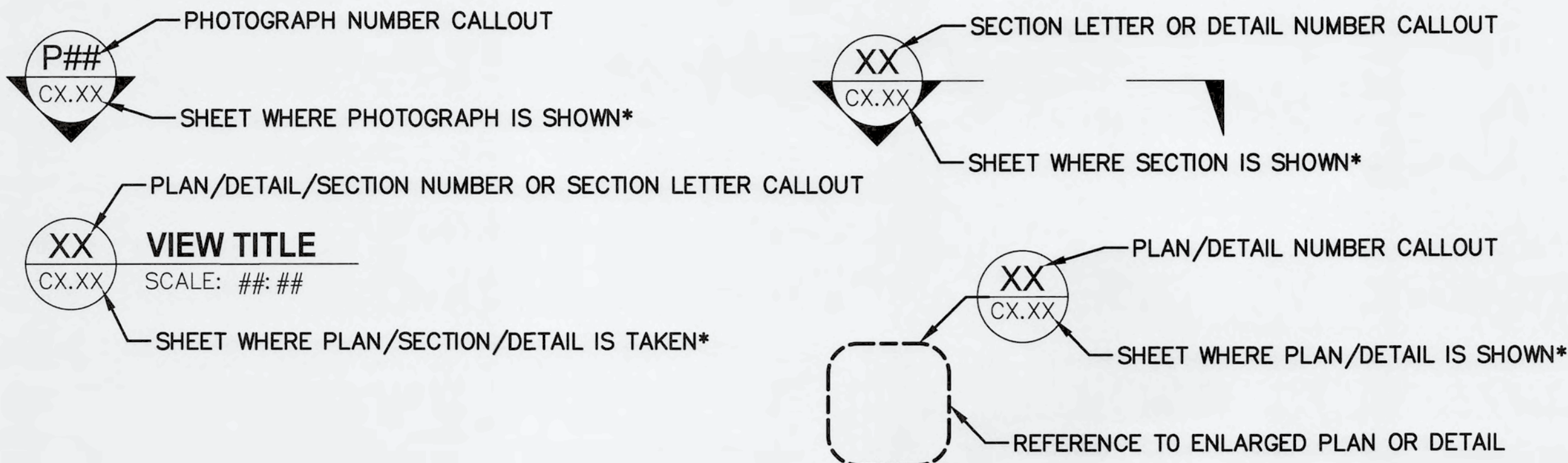
CAST-IN-PLACE CONC



FLOWABLE FILL BASE COURSE



REFERENCE CALLOUTS



*NOTE: DASH (-) INDICATES SECTION OR DETAIL FROM SAME SHEET

ONE-CALL at 1-800-424-5555

UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NO GUARANTEE THAT ALL UTILITY LINES ARE SHOWN, OR THAT THE LOCATION, SIZE, AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPING WHERE CROSSING, INTERFERENCES, OR CONNECTIONS OCCUR PRIOR TO TRENCHING OR EXCAVATION FOR ANY PIPE OR STRUCTURE. TO DETERMINE ACTUAL LOCATIONS, SIZE, AND MATERIAL. THE CONTRACTOR SHALL MAKE THE APPROPRIATE PROVISION FOR PROTECTION OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY ONE CALL AT 1-800-424-5555 AND ARRANGE FOR FIELD LOCATION OF EXISTING FACILITIES BEFORE CONSTRUCTION.



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A. PATTERSON	2/16/24	PROJ. ENGR	DATE
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PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
GENERAL NOTES, ABBREVIATIONS & LEGEND

6699
G1.02
SHEET 2 OF 16

CONTRACT/CONS: PA 0000000038
M. ID: 201038.02
PHASE: BID SET

TOWNSHIP: 20N
DAT-HRZ-NAD83/2007
RANGE: 3E
SECTION: M.L.W.
DRAWING SCALE: AS NOTED

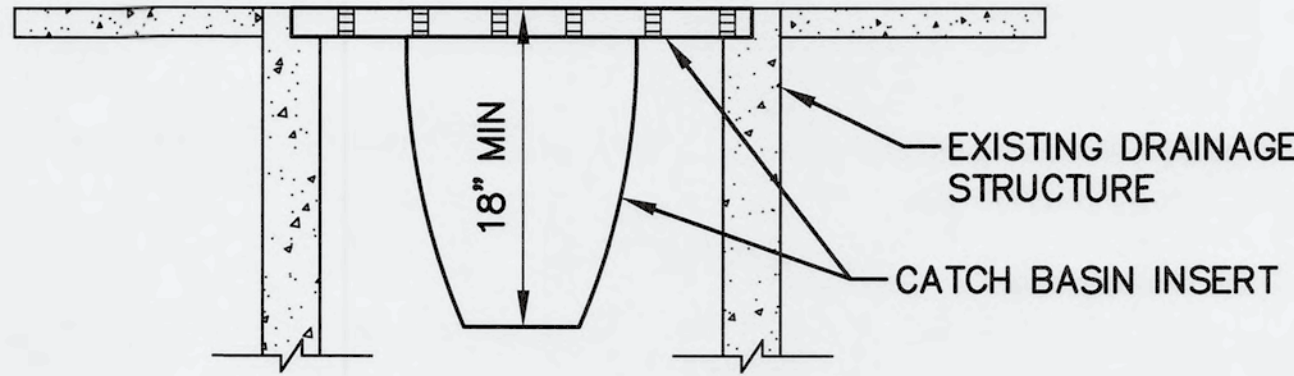
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BINDING EDGE

TEMPORARY EROSION & SEDIMENT CONTROL (TESC) NOTES:

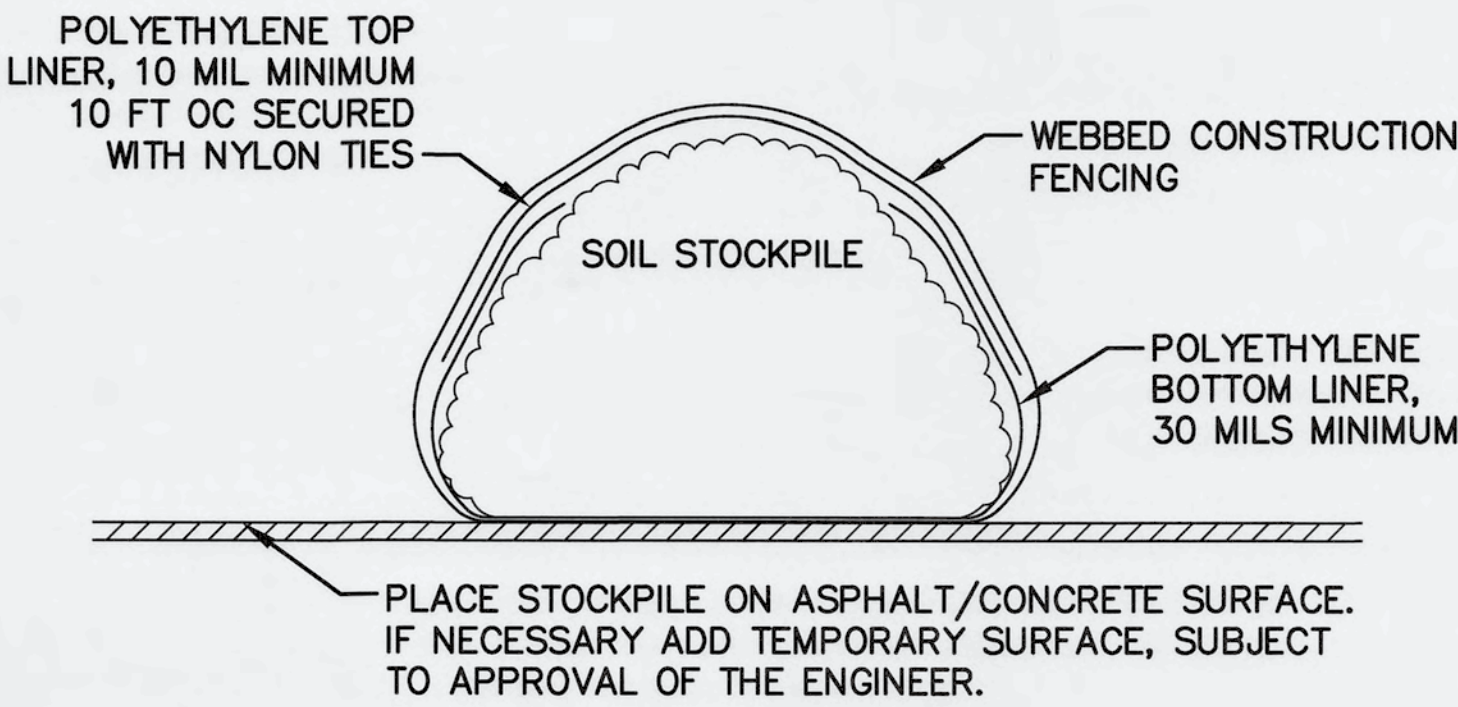
- A. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE REQUIREMENTS OF SPECIFICATIONS SECTION 01 57 13.
- B. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED TO PREVENT ERODED SEDIMENT AND TURBID WATER FROM ENTERING THE STORM DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES DURING AND FOLLOWING CONSTRUCTION UNTIL ENTIRE SITE HAS BEEN STABILIZED.
- C. CERTAIN BEST MANAGEMENT PRACTICES (BMPs) THAT MAY BE APPLICABLE TO THE CONTRACTOR'S IMPLEMENTATION OF THE WORK ARE PRESENTED IN THE WASHINGTON STATE DEPARTMENT OF ECOLOGY 2012 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, AS AMENDED IN DECEMBER 2014, INCLUDING VOLUME 2 "STORMWATER MANAGEMENT" AND INCLUDE:
- BMP C103: HIGH VISIBILITY FENCE
 - BMP C105: STABILIZED CONSTRUCTION ENTRANCE/EXIT
 - BMP C107: CONSTRUCTION ROAD/PARKING AREA STABILIZATION
 - BMP C152: SAWCUTTING AND SURFACING POLLUTION PREVENTION
 - BMP C153: MATERIAL DELIVERY, STORAGE, AND CONTAINMENT
 - BMP C154: CONCRETE WASHOUT AREA
 - BMP C160: CERTIFIED EROSION AND SEDIMENT CONTROL LEAD
 - BMP C220: STORM DRAIN INLET PROTECTION
- D. IF SEDIMENT IS TRANSPORTED ONTO A PAVED SURFACE, THE SURFACE(S) SHALL BE CLEANED IMMEDIATELY USING A METHOD ACCEPTABLE TO THE ENGINEER. IF A SWEEPER IS USED, IT SHALL BE A REGENERATIVE AIR SWEEPER.
- E. THE CONTRACTOR SHALL MAINTAIN, REPLACE, AND UPGRADE TESC FACILITIES UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED. IF EROSION CONTROL FACILITIES FAIL, THEY SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
- F. TESC FACILITIES SHALL BE PROVIDED IN CONJUNCTION WITH CLEARING AND GRADING AND/OR DEMOLITION ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT ERODED SEDIMENT OR TURBID WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- G. AS CONSTRUCTION PROGRESSES AND UNEXPECTED CONDITIONS AND/OR SEASONAL CONDITIONS DICTATE, THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION AND SEDIMENTATION CONTROL FACILITIES TO ENSURE COMPLETE SILTATION CONTROL ON THE PROJECT SITE.
- H. ADDRESS ANY NEW CONDITIONS AND PROVIDE ADDITIONAL FACILITIES AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM AND AS REQUIRED BY THE ENGINEER.
- I. CATCH BASIN CLEANING SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM PIPE OR SYSTEM.
- J. THE CONTRACTOR SHALL PROTECT STOCK PILE AREAS FROM RELEASE OF ERODED SEDIMENT OR SEDIMENT-LADEN WATER. STOCK PILES SHALL BE LINED AND COVERED AT ALL TIMES WHILE NOT IN USE TO KEEP THE STORED MATERIAL DRY.
- K. ALL DISTURBED AREAS SHALL BE STABILIZED BY ACCEPTABLE METHODS FOR THE PREVENTION OF ON-SITE EROSION AFTER COMPLETION OF CONSTRUCTION.
- L. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL FACILITIES FROM EACH WORK AREA AFTER IT HAS BEEN COMPLETELY STABILIZED.



NOTES:

- A. THE CATCH BASIN INSERT DETAIL IS SCHEMATIC.
- B. CATCH BASIN INSERTS SHALL HAVE A MINIMUM STORAGE CAPACITY OF 0.5 CUBIC FEET AND A MEANS TO DEWATER THE STORED SEDIMENT. INSERTS SHALL HAVE AN OVERFLOW AND SHALL BE EASY TO MAINTAIN.
- C. FILTERS SHALL BE INSPECTED AFTER EACH STORM EVENT. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN INSERT.
- D. INSERTS SHALL BE INSTALLED IN ALL OPERATIONAL CATCH BASINS WITHIN 100 FEET OF WORK LIMITS PRIOR TO CLEARING AND GRADING ACTIVITY.

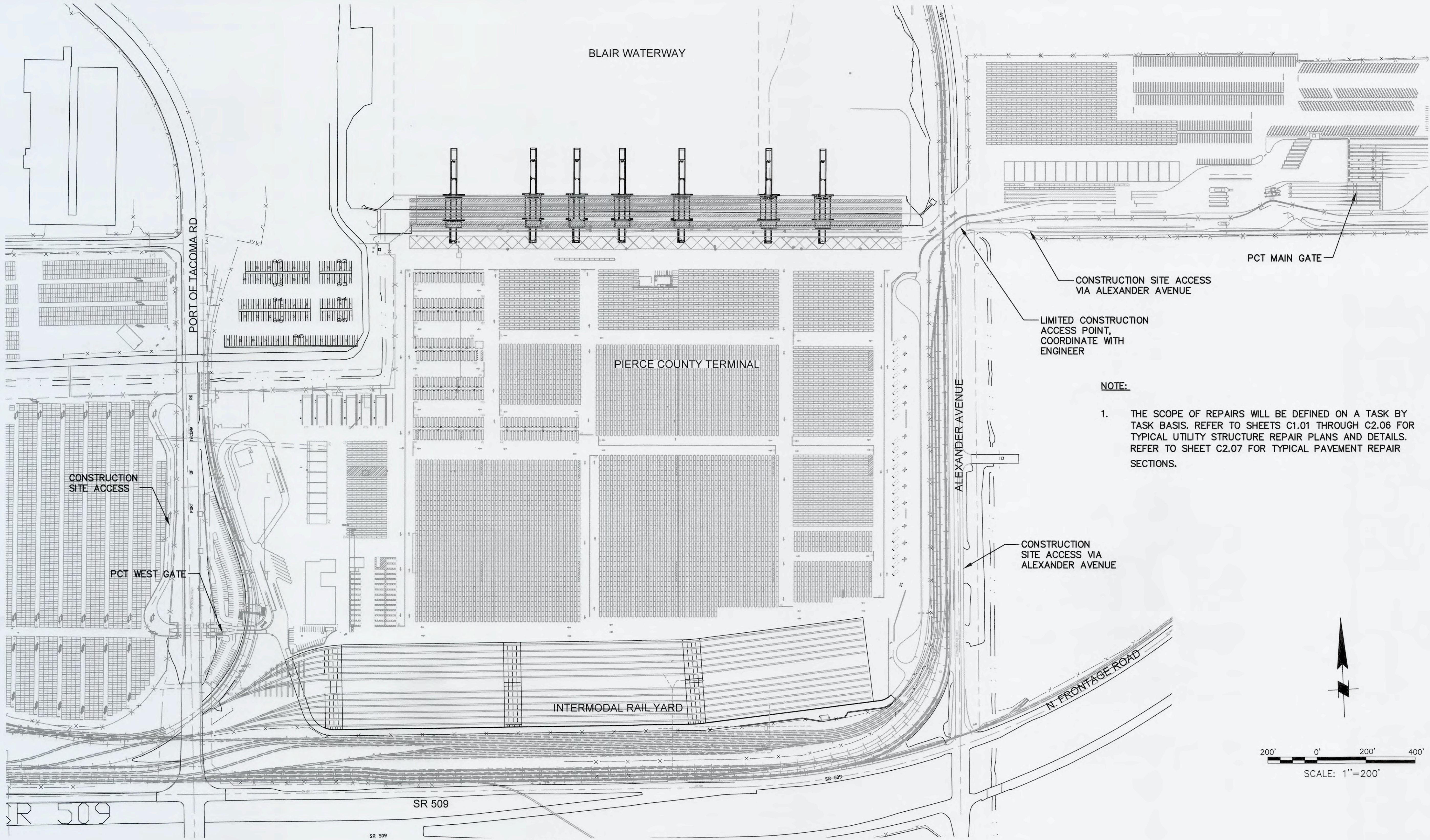
1 CATCH BASIN INSERT
SCALE: NTS



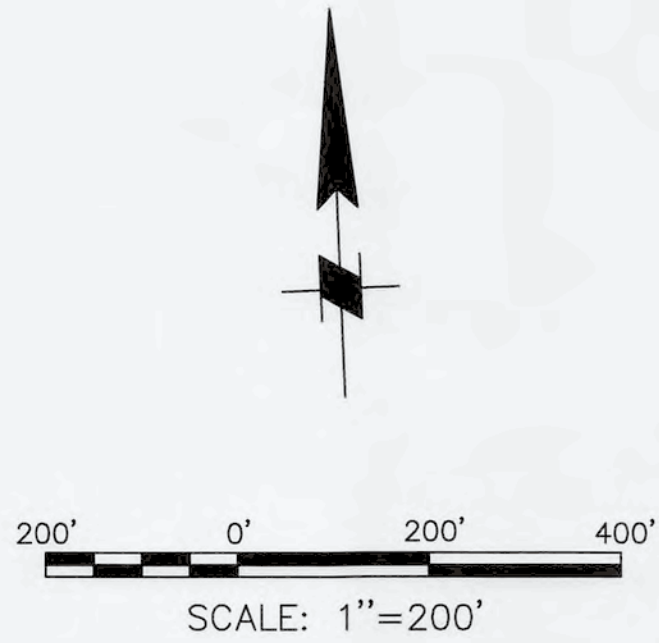
2 SOIL MANAGEMENT AREA STOCKPILE WRAP
SCALE: NTS

6699 G1.03 SHEET 3 OF 16	CONTRACT/CONS: PA 000000038 M. ID: 201038.02 PHASE: BID SET	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 TESC DETAILS				APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR DATE: 2/16/24	N. COLSON CHECKED BY: 2/16/24 A. PATTERSON PROJ. ENGR. DATE: 2/16/24	12/13/2024 	 moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98101 (206) 622-0222	 Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401-1837	MARK:	REVISION:	BY:	APPR:	DATE:

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SITE PLAN
SCALE: 1"=200'



- NOTE:**
1. THE SCOPE OF REPAIRS WILL BE DEFINED ON A TASK BY TASK BASIS. REFER TO SHEETS C1.01 THROUGH C2.06 FOR TYPICAL UTILITY STRUCTURE REPAIR PLANS AND DETAILS. REFER TO SHEET C2.07 FOR TYPICAL PAVEMENT REPAIR SECTIONS.

6699

C0.00

SHEET 4 OF 16

**PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
SITE PLAN**

APPROVED:

[Signature]

T. HOWARD

DIRECTOR ENG. DATE

PRINTED BY: gyang Dec 05, 2024

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TACOMA, WA 98401-1837

N. COLSON 2/16/24

CHECKED BY DATE

A. PATTERSON 2/16/24

PROJ. ENGR DATE

Dec 05, 2024



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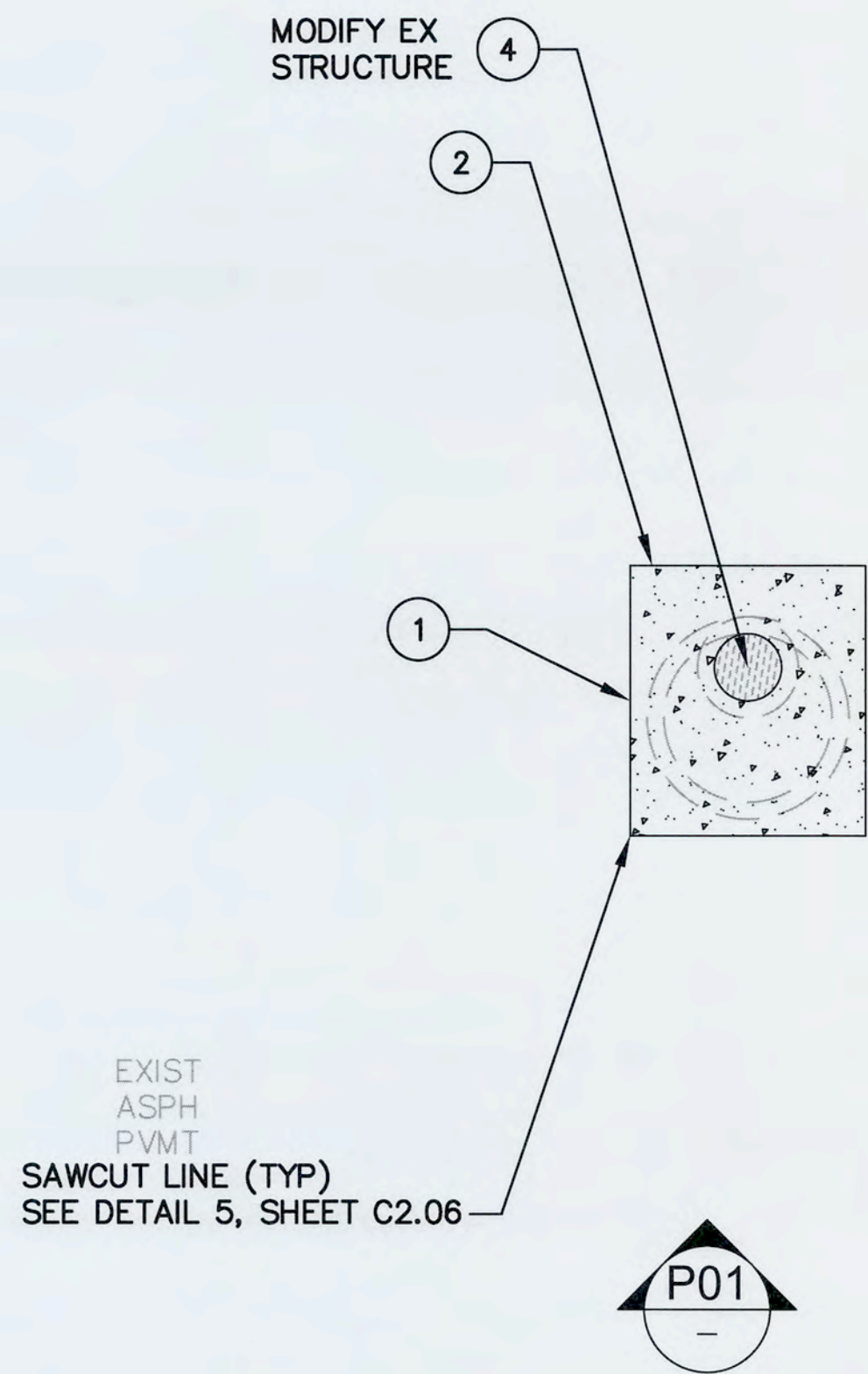
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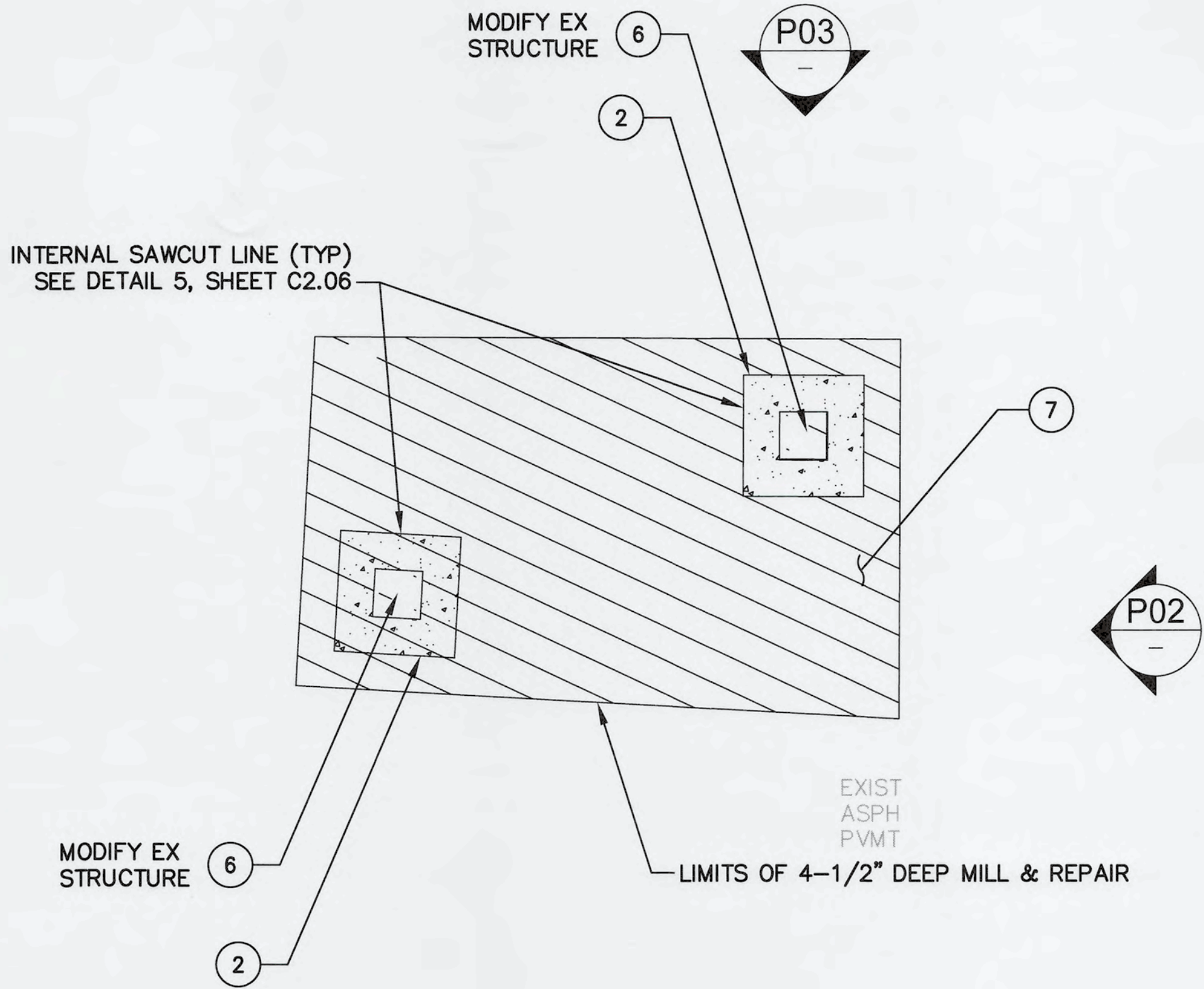
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BINDING EDGE



1 TYPICAL OWS (TYPE 2 CB)
SCALE: 1" = 5'



2 TYPICAL DOUBLE VALVE BOX SLAB (WATER VALVE BOXES)
SCALE: 1" = 5'



P01 TYPICAL OWS



P02 TYPICAL VALVE BOX



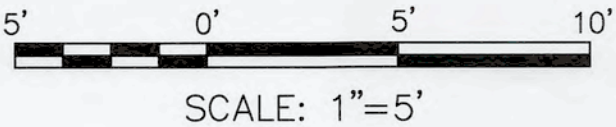
P03 TYPICAL VALVE BOX

STD CONSTRUCTION NOTES:

- 1 LIMITS OF ACP REMOVAL.
- 2 LIMITS OF REINF CONC SLAB.
- 3 ADJUST TYPE 1L CB AND RESTORE SURFACING, SEE DETAIL 1, SHEET C2.01.
- 4 ADJUST TYPE 2 CB AND RESTORE SURFACING, SEE DETAIL 2, SHEET C2.02.
- 5 ADJUST VAULT AND RESTORE SURFACING, SEE DETAIL 3, SHEET C2.03.
- 6 ADJUST WATER VALVE BOX AND RESTORE SURFACING, SEE DETAIL 4, SHEET C2.04.
- 7 RESTORE ACP.

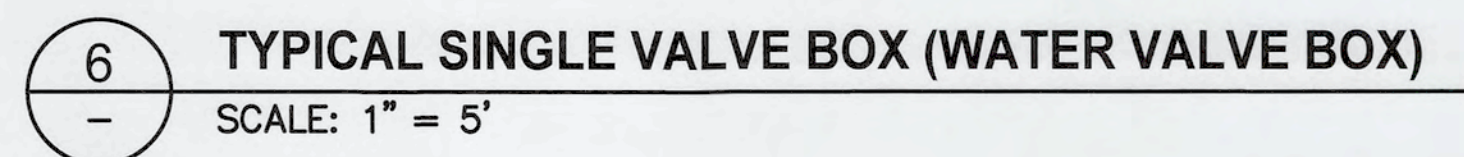
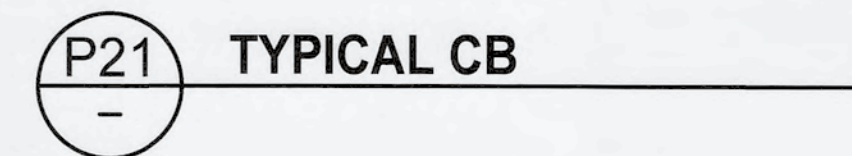
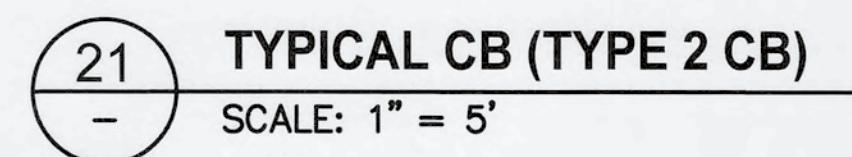
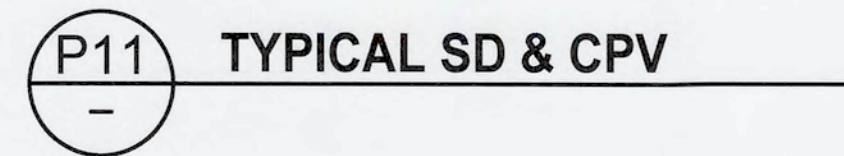
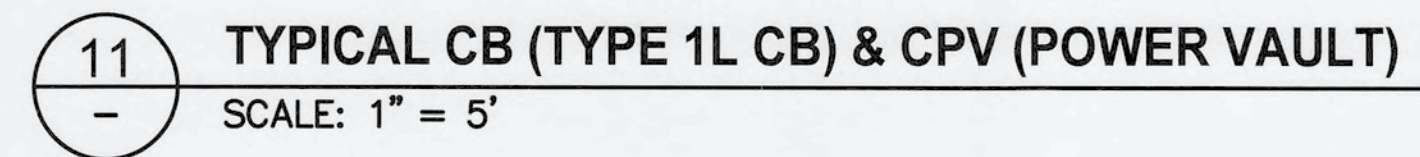
NOTES:

1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



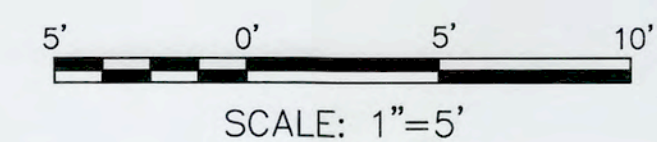
6999 C1.01 SHEET 5 OF 16										PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 ENLARGED UTILITIES PLAN 01										APPROVED:  T. HOWARD DIRECTOR										N. COLSON 2/16/24 CHECKED BY DATE										12/13/2024																																																																					
CONTRACT/CONS: PA 000000038										TOWNSHIP: 20N										RANGE: 3E										SECTION: MLLW										DATE: 201038.02										DAT-HRZ: NAD83 / 2007										VERT: MLLW										PHASE: BID SET										MARK: REVISION:										BY: DATE:										APPR: DATE:									

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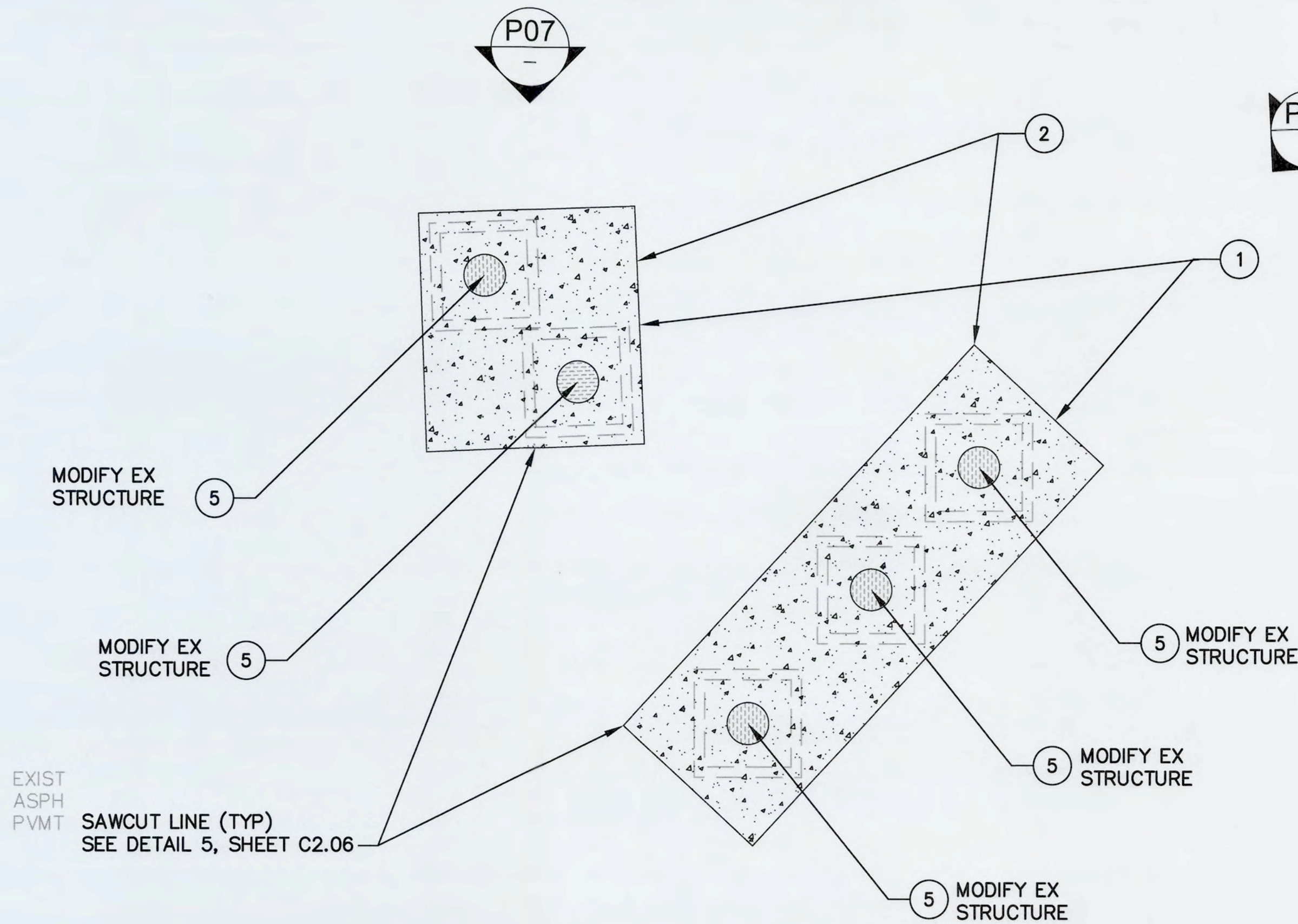


- 1 LIMITS OF ACP REMOVAL.
- 2 LIMITS OF REINF CONC SLAB.
- 3 ADJUST TYPE 1L CB AND RESTORE SURFACING, SEE DETAIL 1, SHEET C2.01.
- 4 ADJUST TYPE 2 CB AND RESTORE SURFACING, SEE DETAIL 2, SHEET C2.02.
- 5 ADJUST VAULT AND RESTORE SURFACING, SEE DETAIL 3, SHEET C2.03.
- 6 ADJUST WATER VALVE BOX AND RESTORE SURFACING, SEE DETAIL 4, SHEET C2.04.
- 7 RESTORE ACP.

1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
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3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



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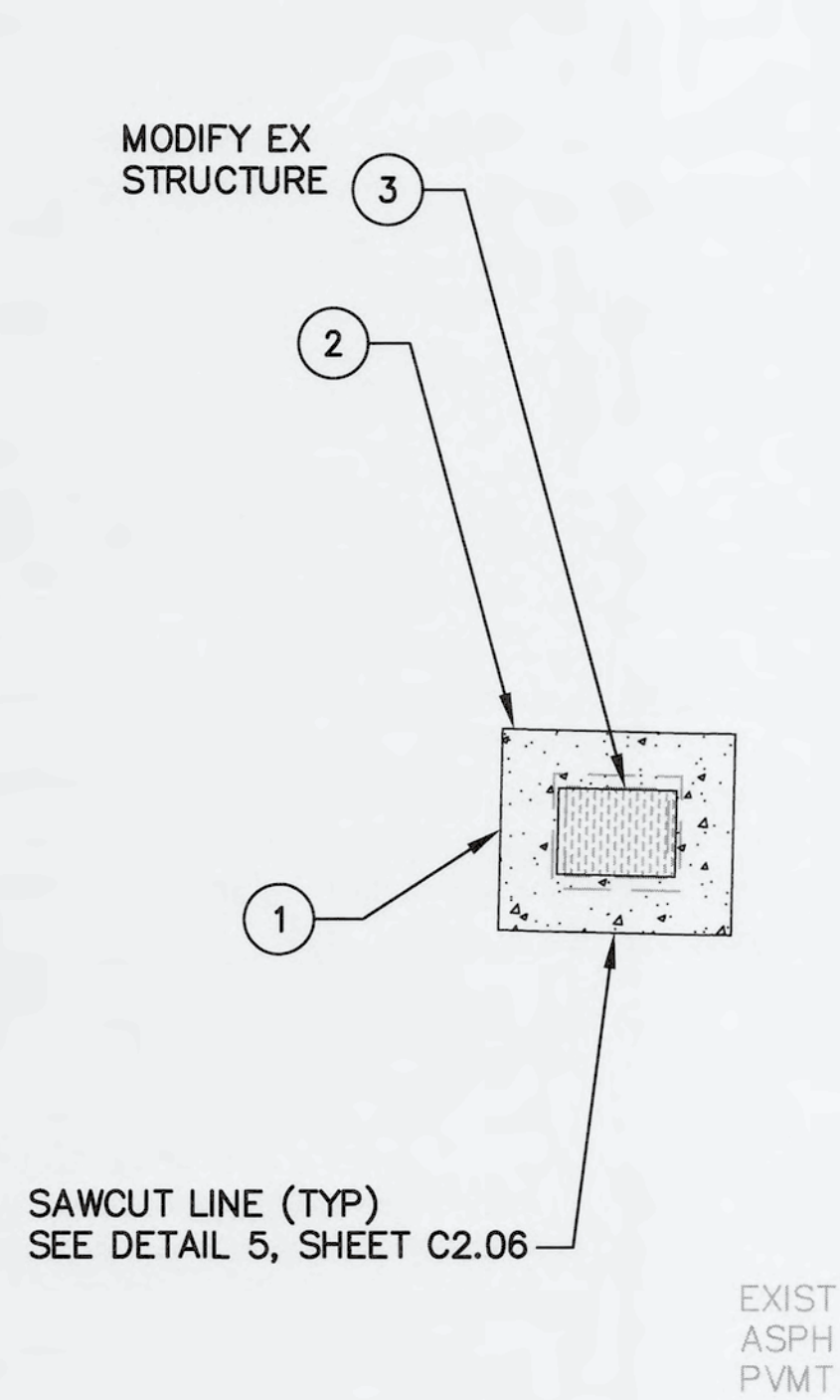
7 TYPICAL CPV, CPV, PV, PV & SV (ELEC / COMM VAULTS)
SCALE: 1" = 5'



P07 TYPICAL CPV & CPV



P08 TYPICAL PV, PV & SV



9 TYPICAL CB (TYPE 1L CB)
SCALE: 1" = 5'



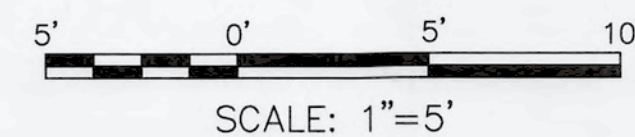
P09 TYPICAL CB

STD CONSTRUCTION NOTES:

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NOTES:

1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
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3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



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DIRECTOR ENG. DATE: 05/04/2024
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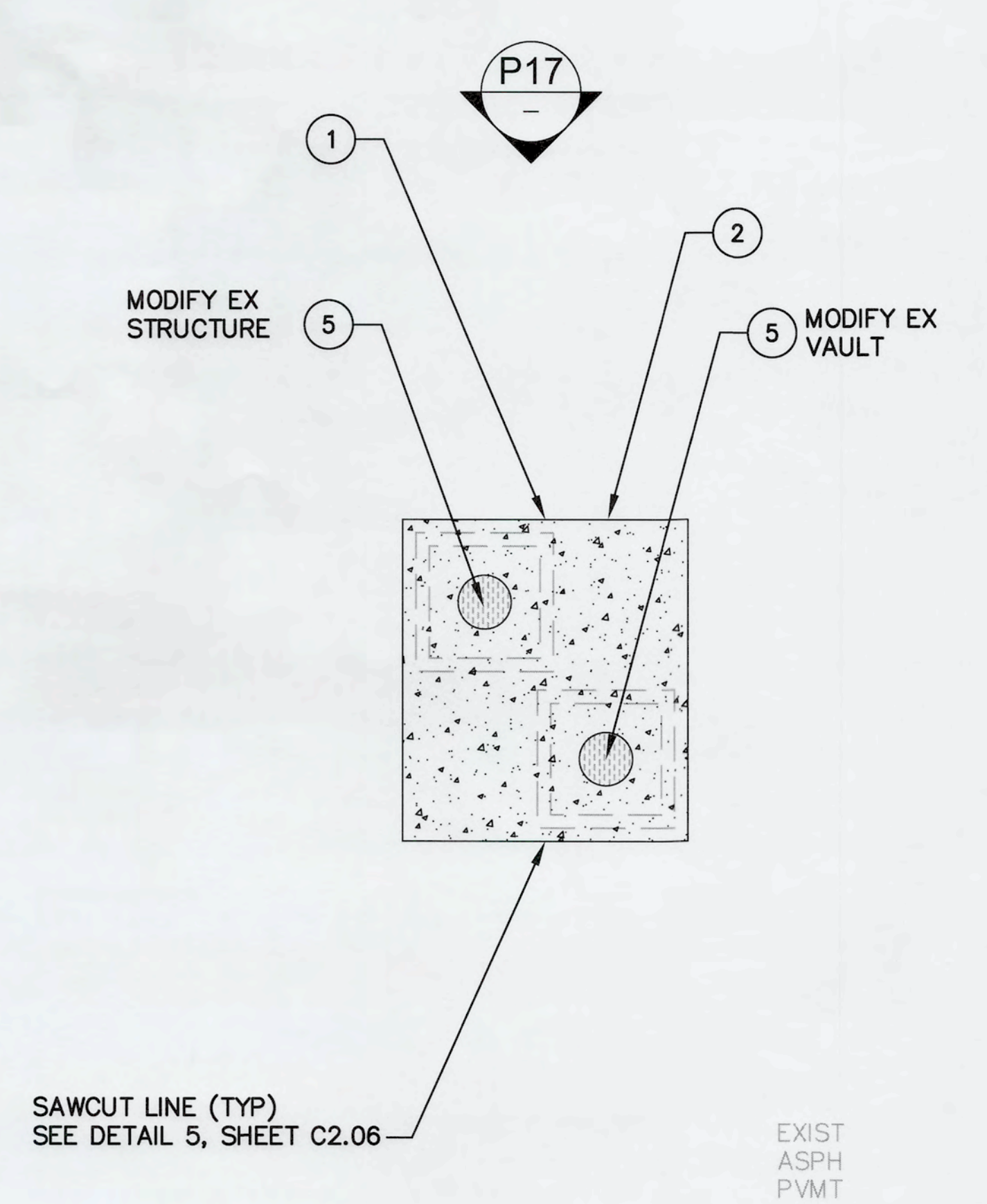
**PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
ENLARGED UTILITIES PLAN 03**

**6699
C1.03**
SHEET 7 OF 16

CONT/CONS: PA 000000038
M. ID: 201038.02
PHASE: BID SET

TOWNSHIP: 20N
RANGE: 3E
SECTION: 3E
DAT-HRZ: NAD83/2007
VERT: MLLW
PARCEL: DRAWING SCALE: AS NOTED

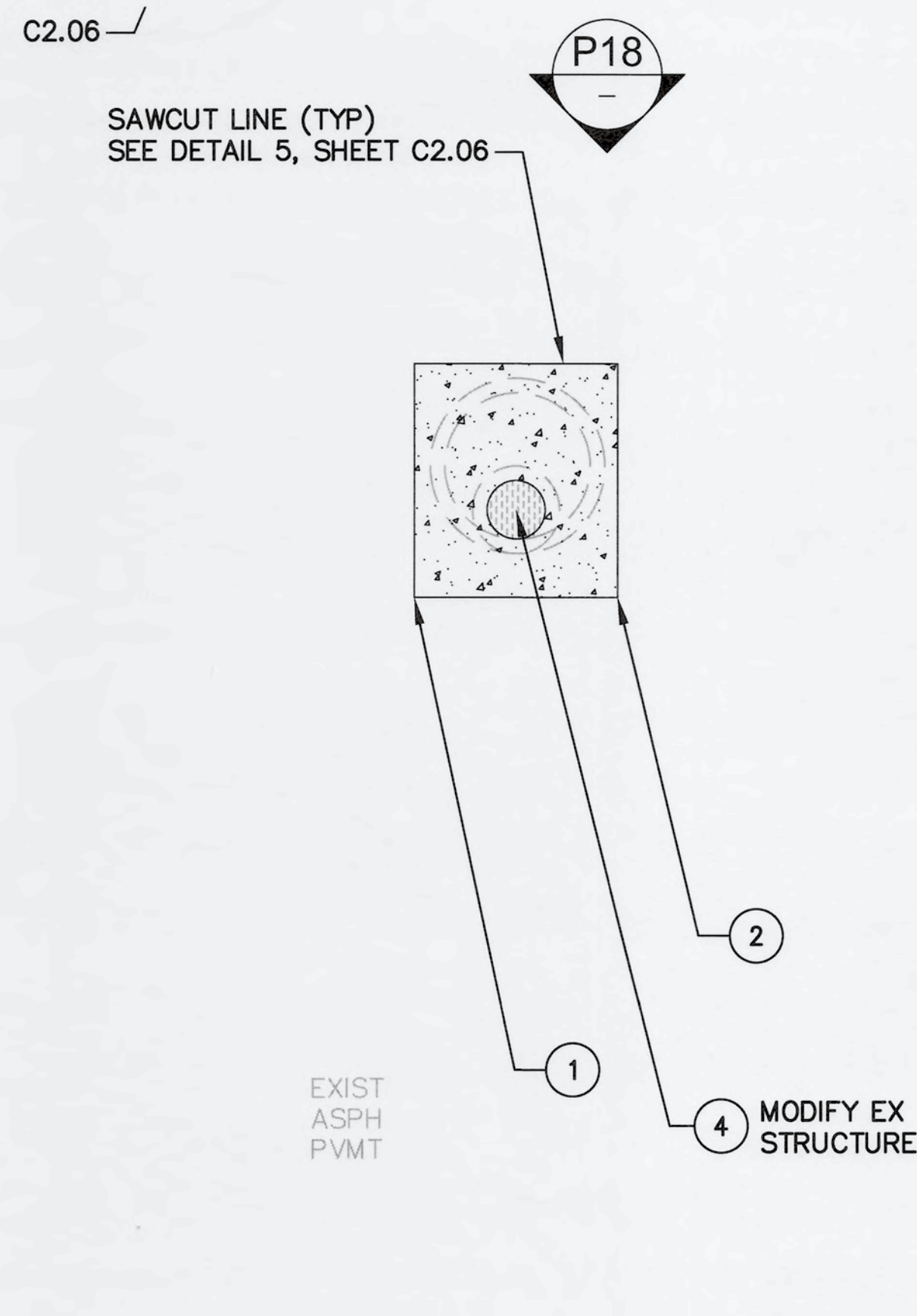
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17 TYPICAL PV & SV (POWER / COMM VAULT)
SCALE: 1" = 5'



P17 TYPICAL PV & SV



18 TYPICAL SD (TYPE 2 CB)
SCALE: 1" = 5'

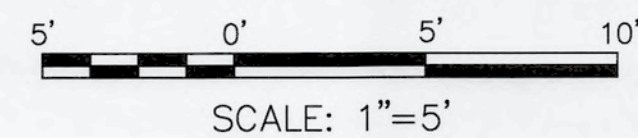


P18 TYPICAL CB

- STD CONSTRUCTION NOTES:**
1. LIMITS OF ACP REMOVAL.
 2. LIMITS OF REINF CONC SLAB.
 3. ADJUST TYPE 1L CB AND RESTORE SURFACING, SEE DETAIL 1, SHEET C2.01.
 4. ADJUST TYPE 2 CB AND RESTORE SURFACING, SEE DETAIL 2, SHEET C2.02.
 5. ADJUST VAULT AND RESTORE SURFACING, SEE DETAIL 3, SHEET C2.03.
 6. ADJUST WATER VALVE BOX AND RESTORE SURFACING, SEE DETAIL 4, SHEET C2.04.

NOTES:

1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



6699
C1.04
SHEET 8 OF 16
CONT/CONS: PA 0000000038
M. ID: 201038.02
PHASE: BID SET

PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
ENLARGED UTILITIES PLAN 04

TOWNSHIP: 20N
DATE: HRZ: NAD83 / 2007
RANGE: 3E
SECTION: MLLW
DRAWING SCALE: AS NOTED

APPROVED:

DIRECTOR
T. HOWARD
ENG. DATE
PRINTED BY: gyang
Dec 05, 2024
PORT ADDRESS: ONE SITCOM PLAZA
TACOMA, WA 98401-1837

checked BY
A. PATTERSON
2/16/24
DATE
PROJ. ENGR
Dec 05, 2024
DATE

MARK: REVISION:
BY:
DATE:

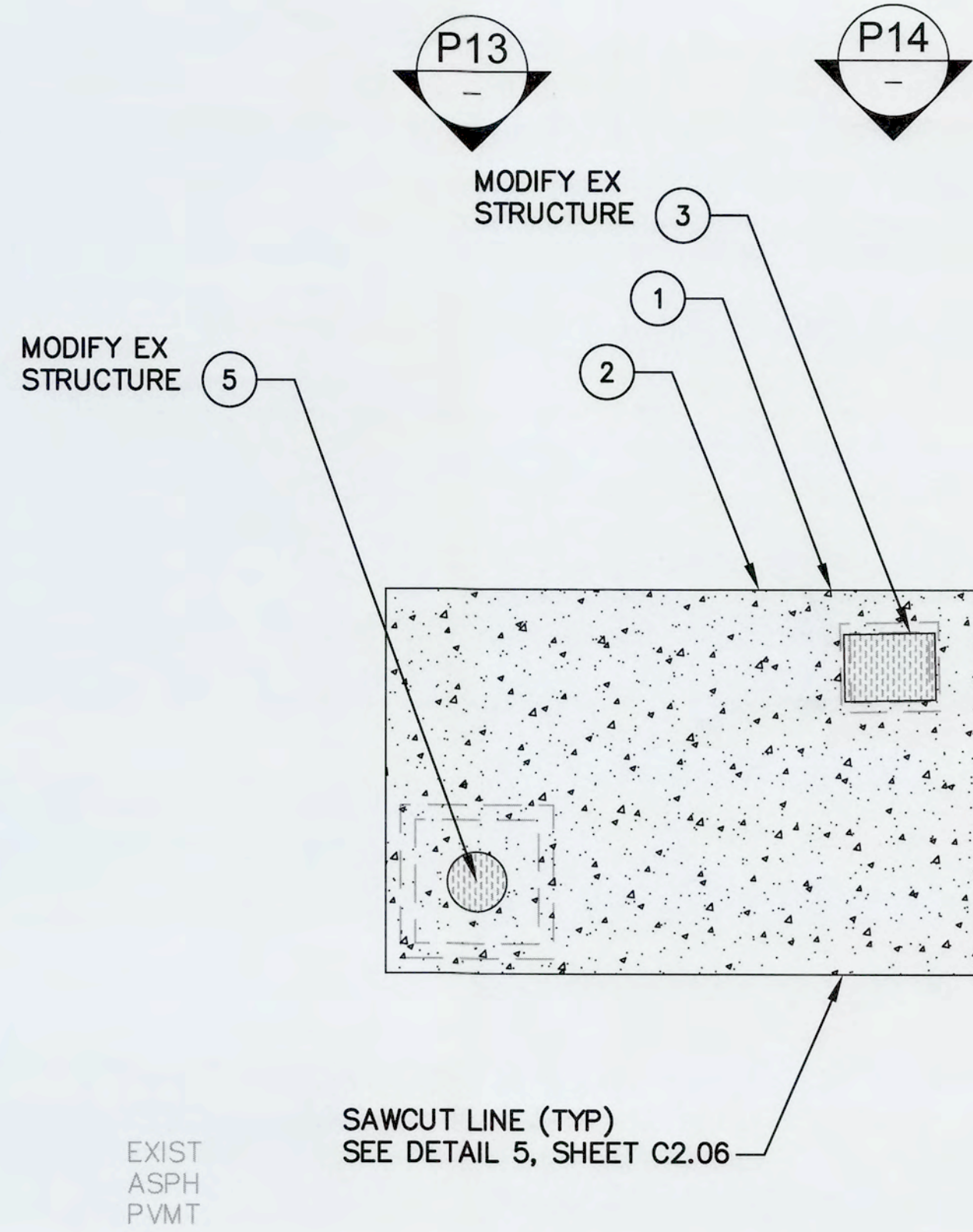
600 UNIVERSITY STREET, SUITE 610
SEATTLE, WA 98101
(206) 622-0222

12/13/2024

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PORT OF TACOMA FILE: Q:\SEA\10909-18\20 CADD\ Active\ SheetSet-2025071898.C1 01-C1.07

BINDING EDGE



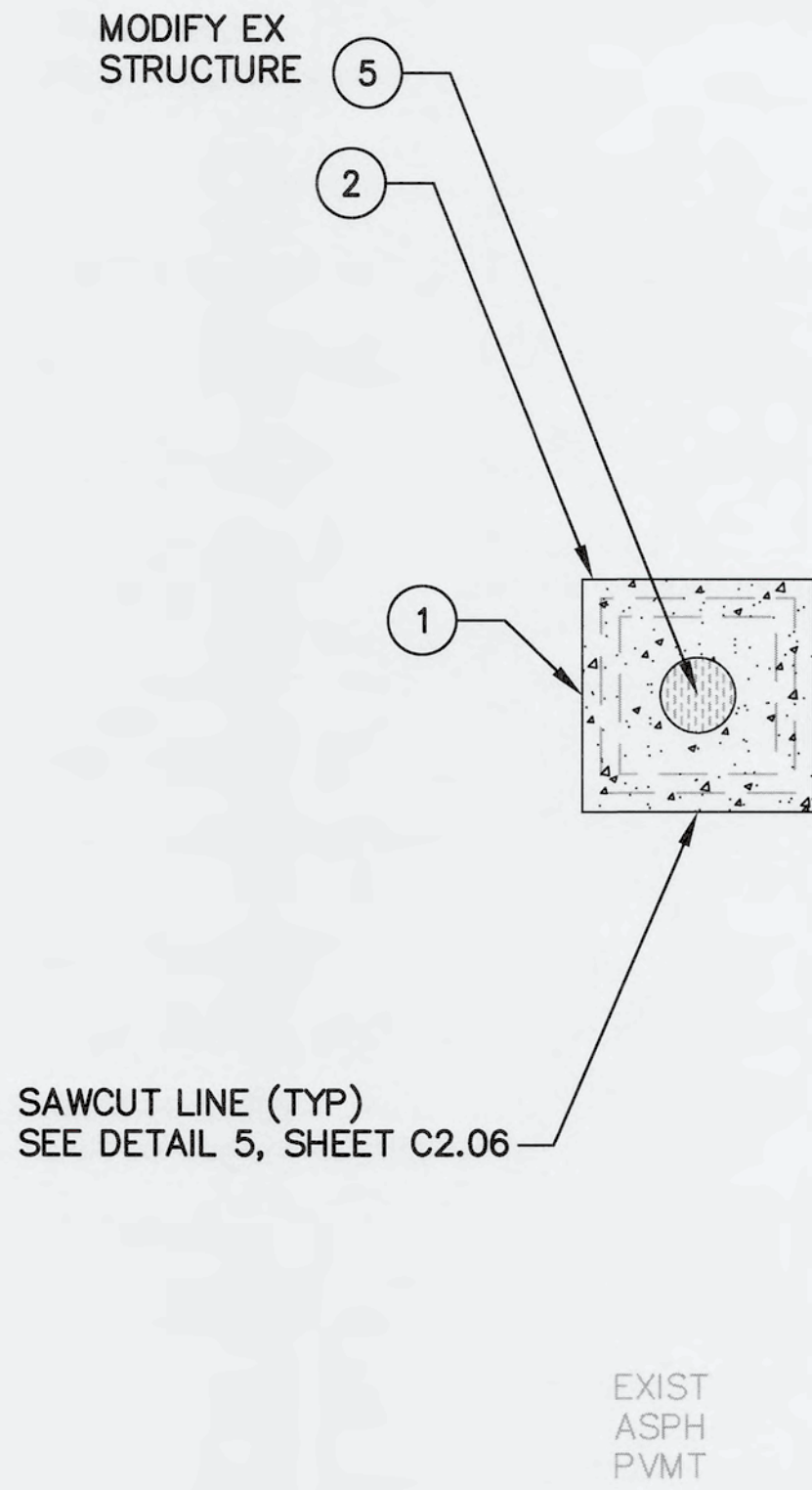
13
—
TYPICAL CB (TYPE 1L CB) & CPV (POWER VAULT)
SCALE: 1" = 5'



P13
—
CPV



P14
—
TYPICAL CB



15
—
TYPICAL FOV (POWER VAULT)
SCALE: 1" = 5'



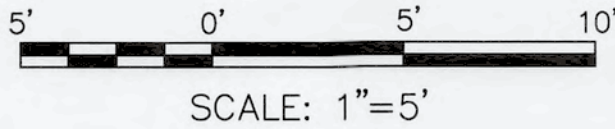
P15
—
TYPICAL FOV

STD CONSTRUCTION NOTES:

- 1 LIMITS OF ACP REMOVAL.
- 2 LIMITS OF REINF CONC SLAB.
- 3 ADJUST TYPE 1L CB AND RESTORE SURFACING, SEE DETAIL 1, SHEET C2.01.
- 4 ADJUST TYPE 2 CB AND RESTORE SURFACING, SEE DETAIL 2, SHEET C2.02.
- 5 ADJUST VAULT AND RESTORE SURFACING, SEE DETAIL 3, SHEET C2.03.
- 6 ADJUST WATER VALVE BOX AND RESTORE SURFACING, SEE DETAIL 4, SHEET C2.04.

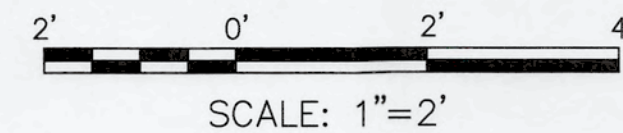
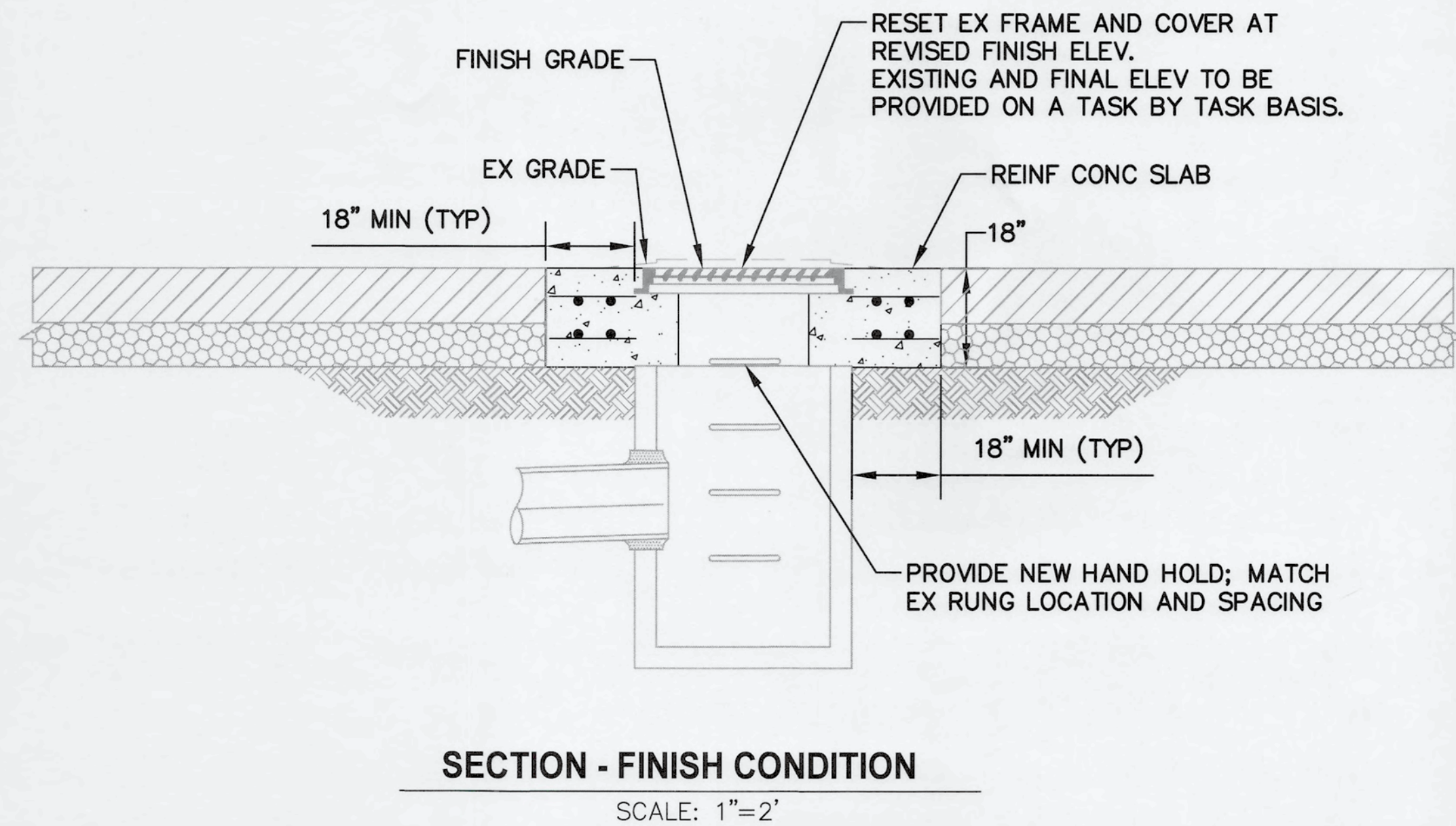
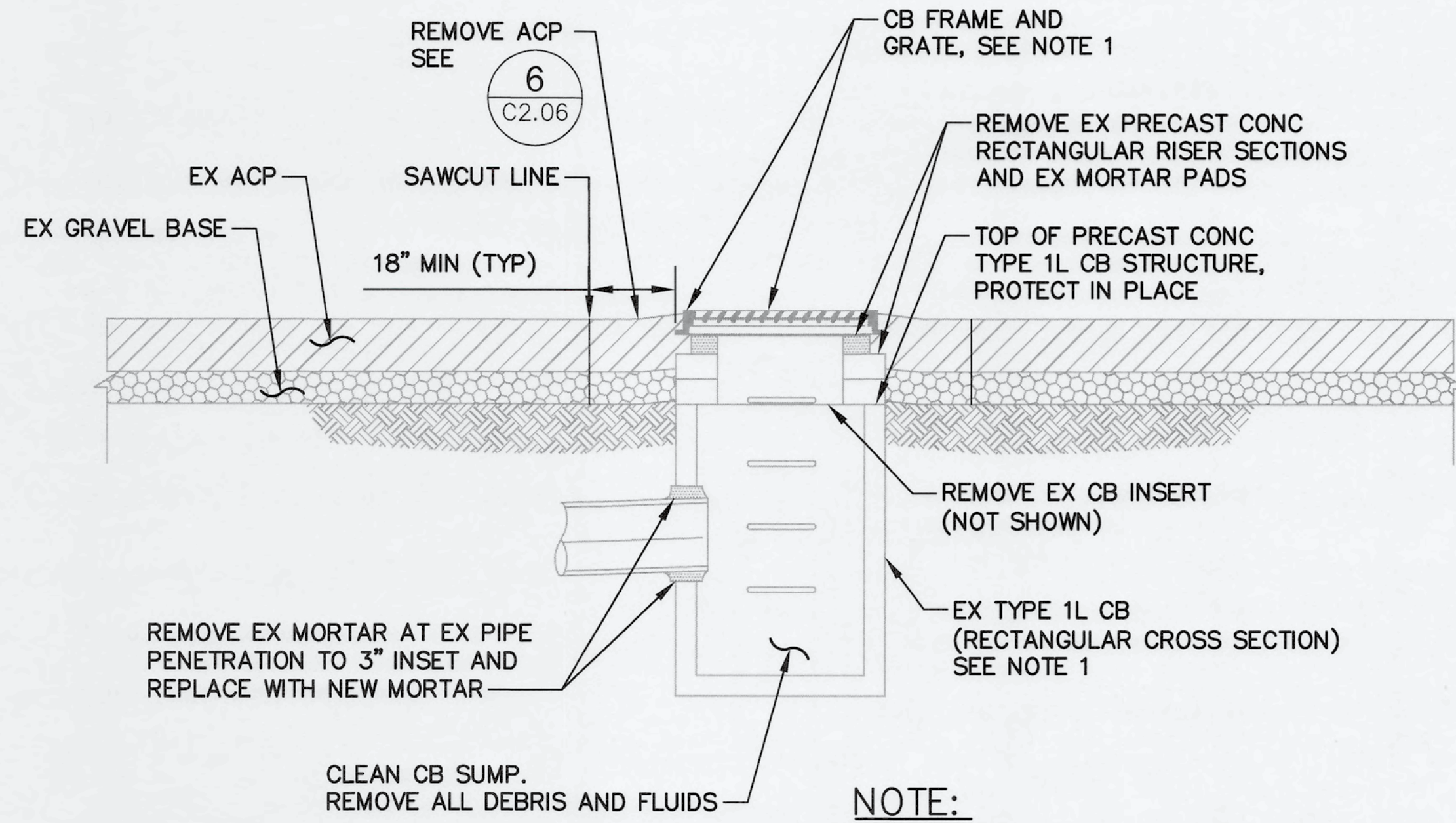
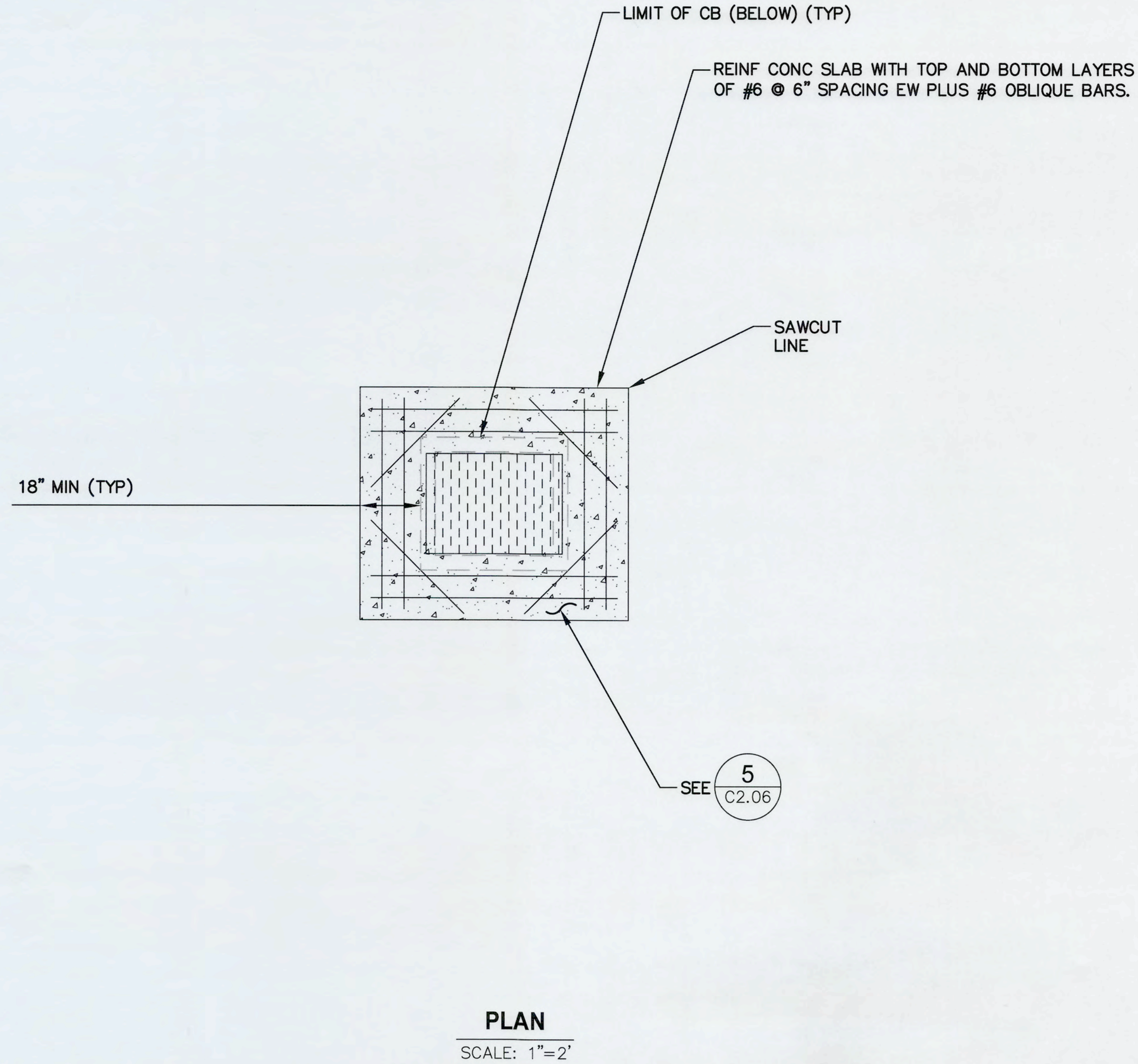
NOTES:

- 1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
- 2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
- 3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



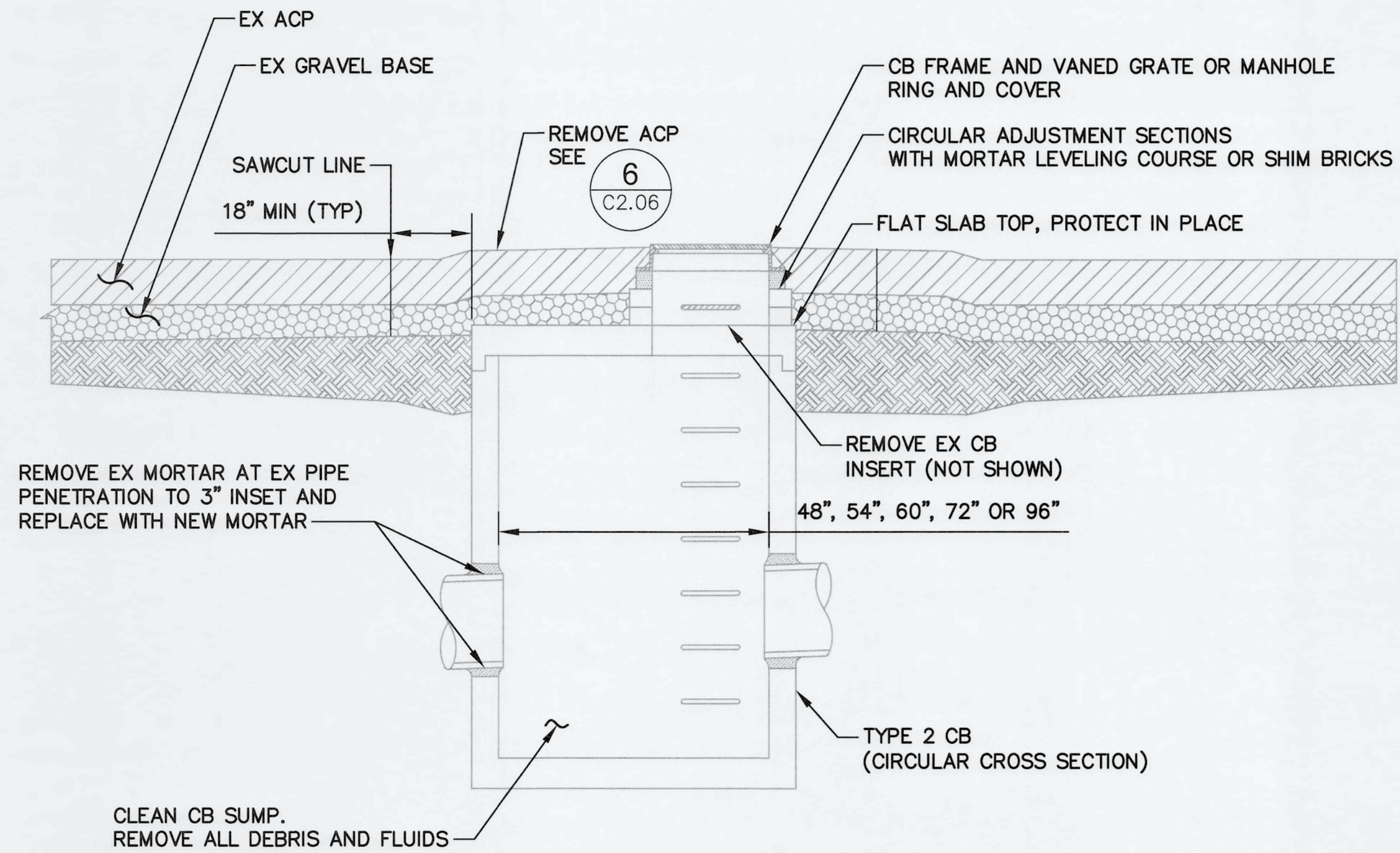
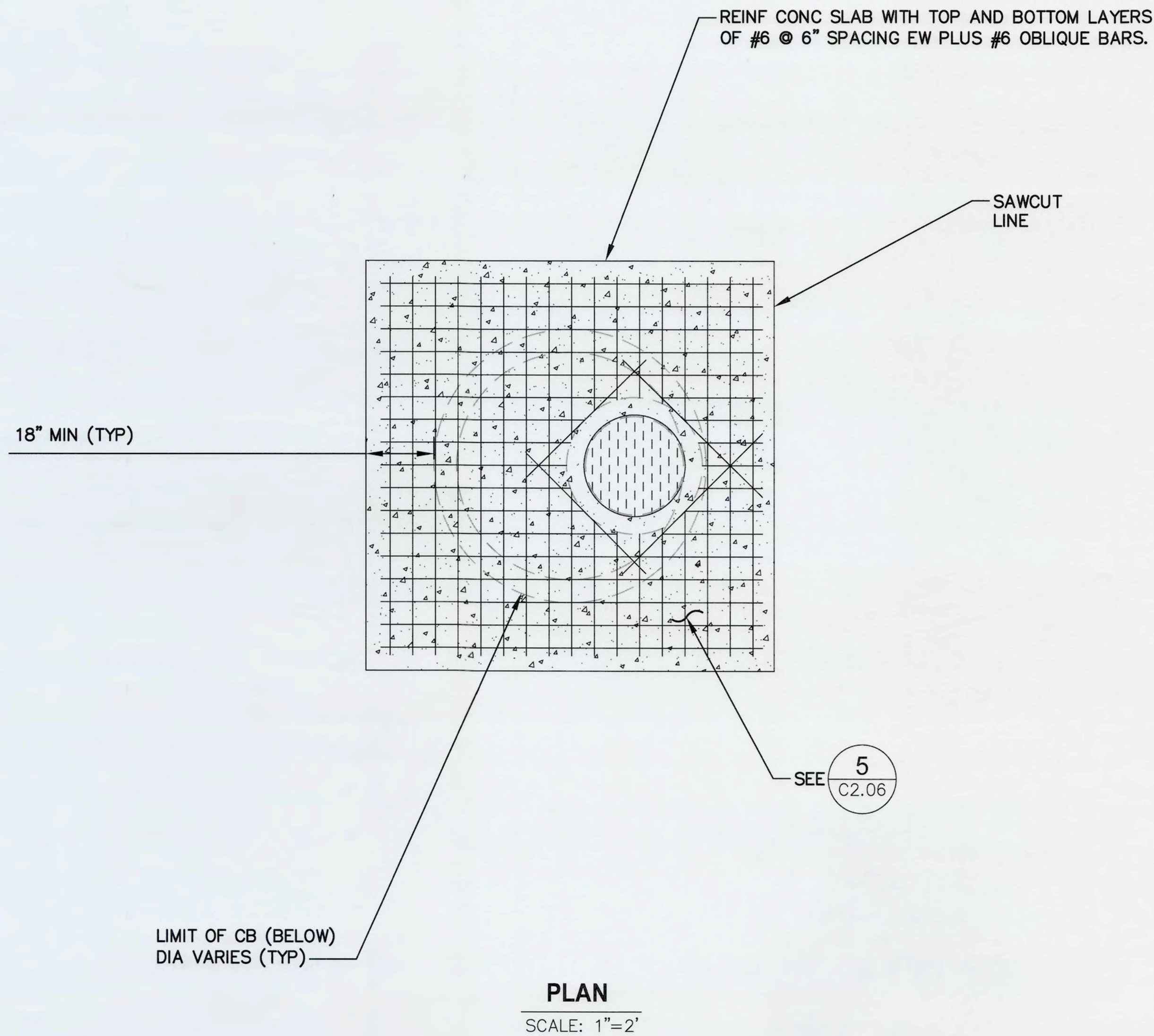
6699 C1.05 SHEET 9 OF 16	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 ENLARGED UTILITIES PLAN 05				Port of Tacoma P.O. BOX 807 TACOMA, WA 98401 (206) 822-0222	
	CON/CONS: PA 000000038 M. ID: 201038.02 PHASE: BID SET	TOWNSHIP: 20N DAT-HRZNAD83/2007 RANGE: 3E SECTION: MLLW	DATE: 2/16/24 PROJECT: ENGR PRINTED BY: ayang Dec 05, 2024 PORT ADDRESS: ONE SITCOM PLAZA TACOMA, WA 98401-1837	APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR DATE: 2/16/24 PROJECT: ENGR PRINTED BY: ayang Dec 05, 2024 PORT ADDRESS: ONE SITCOM PLAZA TACOMA, WA 98401-1837	MARK: REVISION: BY: DATE: APPR: DATE:	

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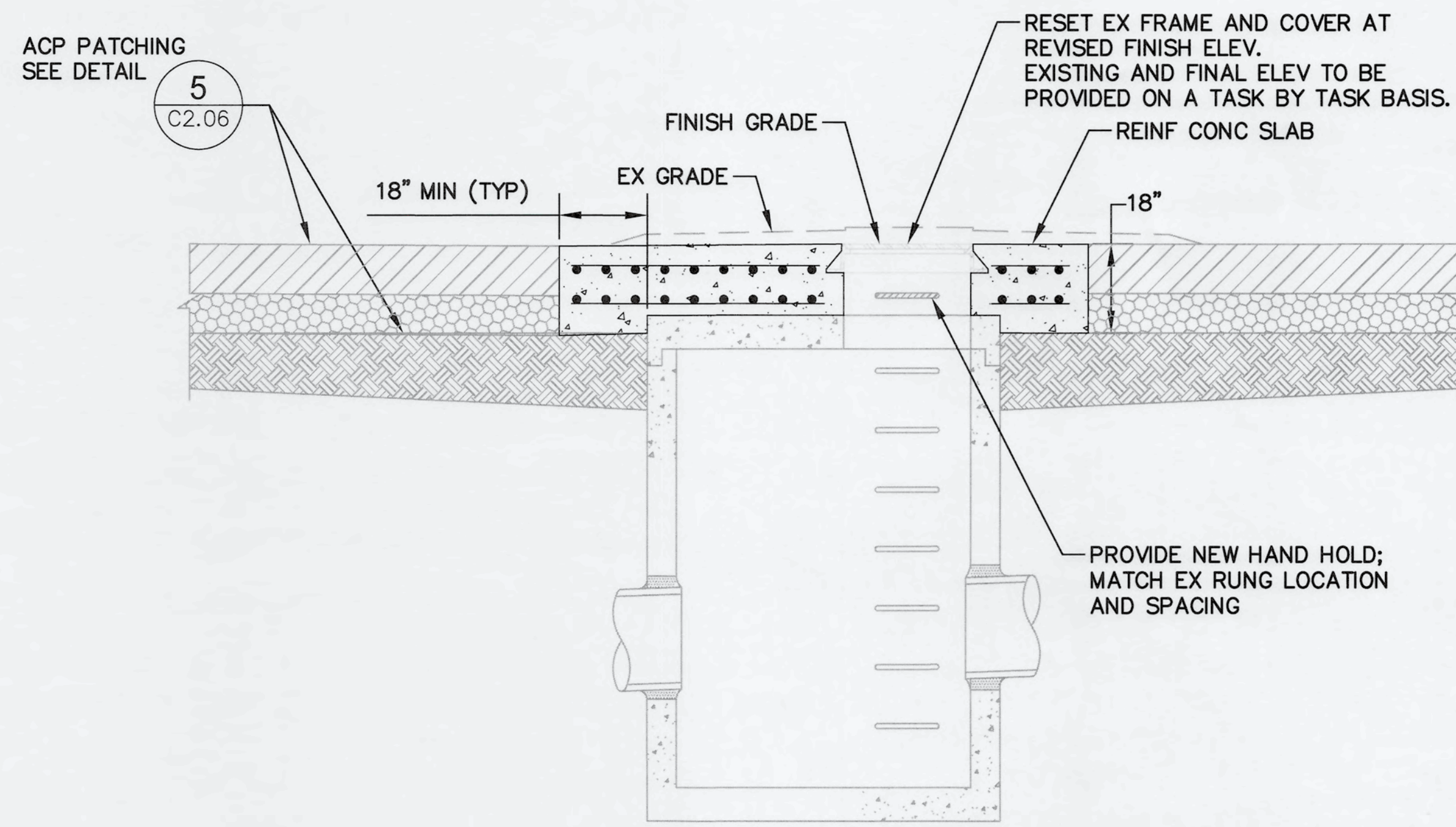


1 TYPICAL REHABILITATION OF TYPE 1L CB
VARIES

6699 C2.01 SHEET 10 OF 16	PIERCE COUNTY TERMINAL				APPROVED: <i>T. Howard</i>				N. COLSON 2/16/24		moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98101 (206) 692-1222				
	OPERATIONAL PAVEMENT REPAIRS 2025				T. HOWARD				CHECKED BY DATE			12/13/2024			
	SITE DETAILS 01				DIRECTOR ENG. DATE				A. PATTERSON 2/16/24						
					PRINTED BY: ayang Dec 05, 2024				PROJ. ENGR DATE						
					PORT ADDRESS: ONE SITCUM PLAZA										
				TACOMA, WA 98401-1837											
CONT/CONS: PA 000000038				TOWNSHIP: 20N				RANGE: 3E				SECTION:			
M. ID: 201038.02				DAT-HRZNAD83/2007				VERT: MLLW							
PHASE: BID SET				PARCEL:				DRAWING SCALE: AS NOTED							

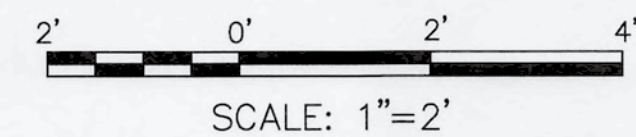


SECTION - EXISTING CONDITION
SCALE: 1"=2'

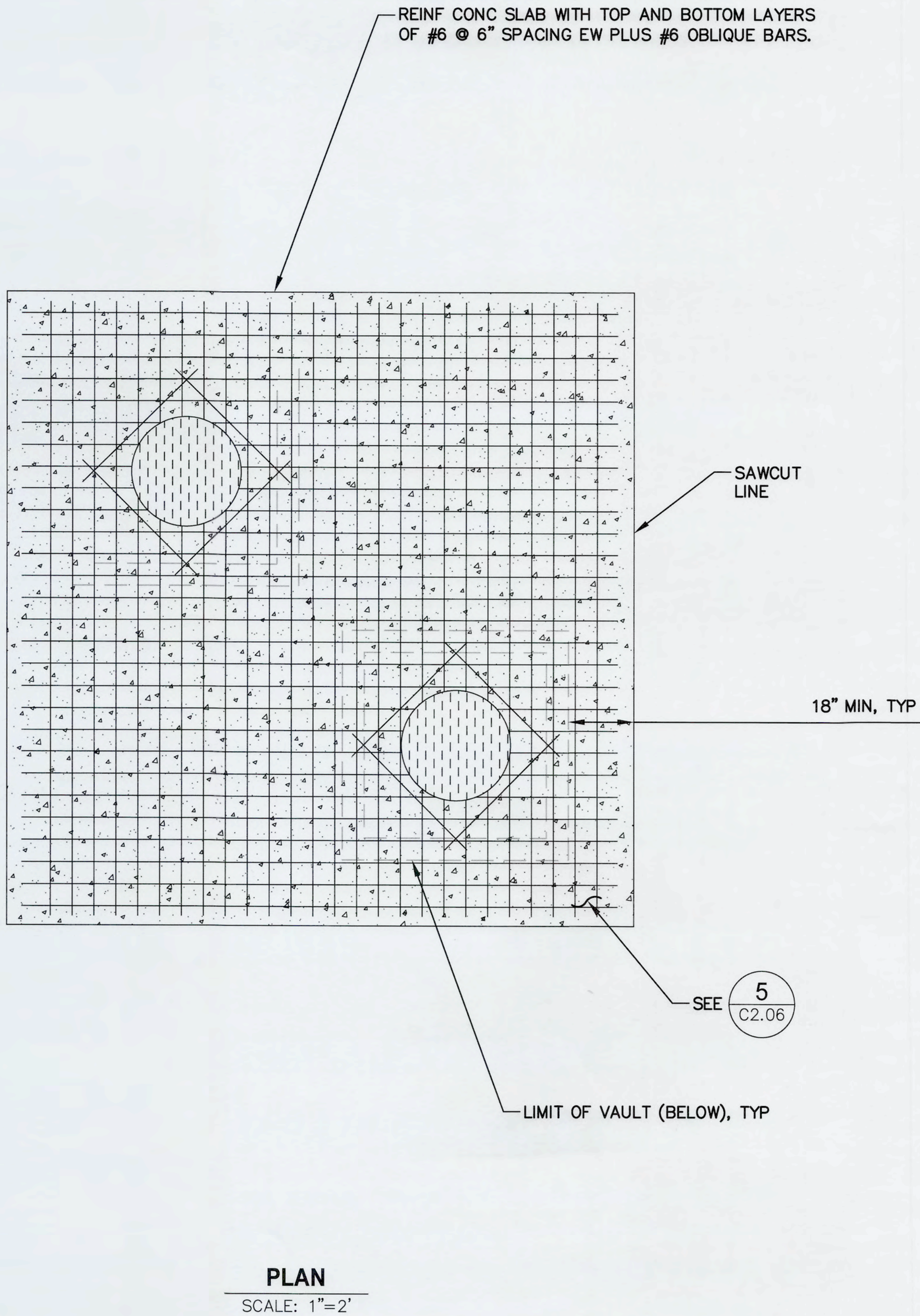


SECTION - FINISH CONDITION
SCALE: 1"=2'

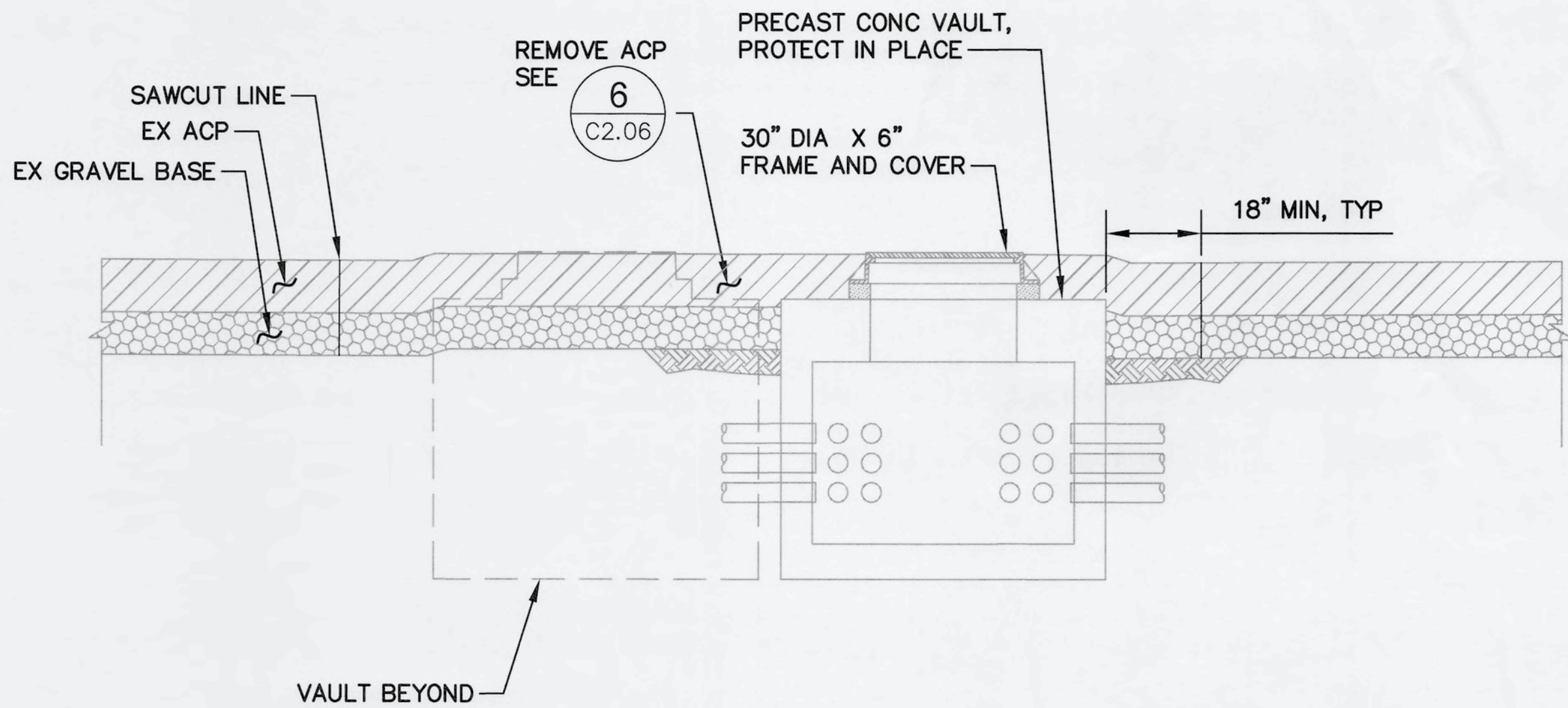
2 TYPICAL REHABILITATION OF TYPE 2 CB
VARIES



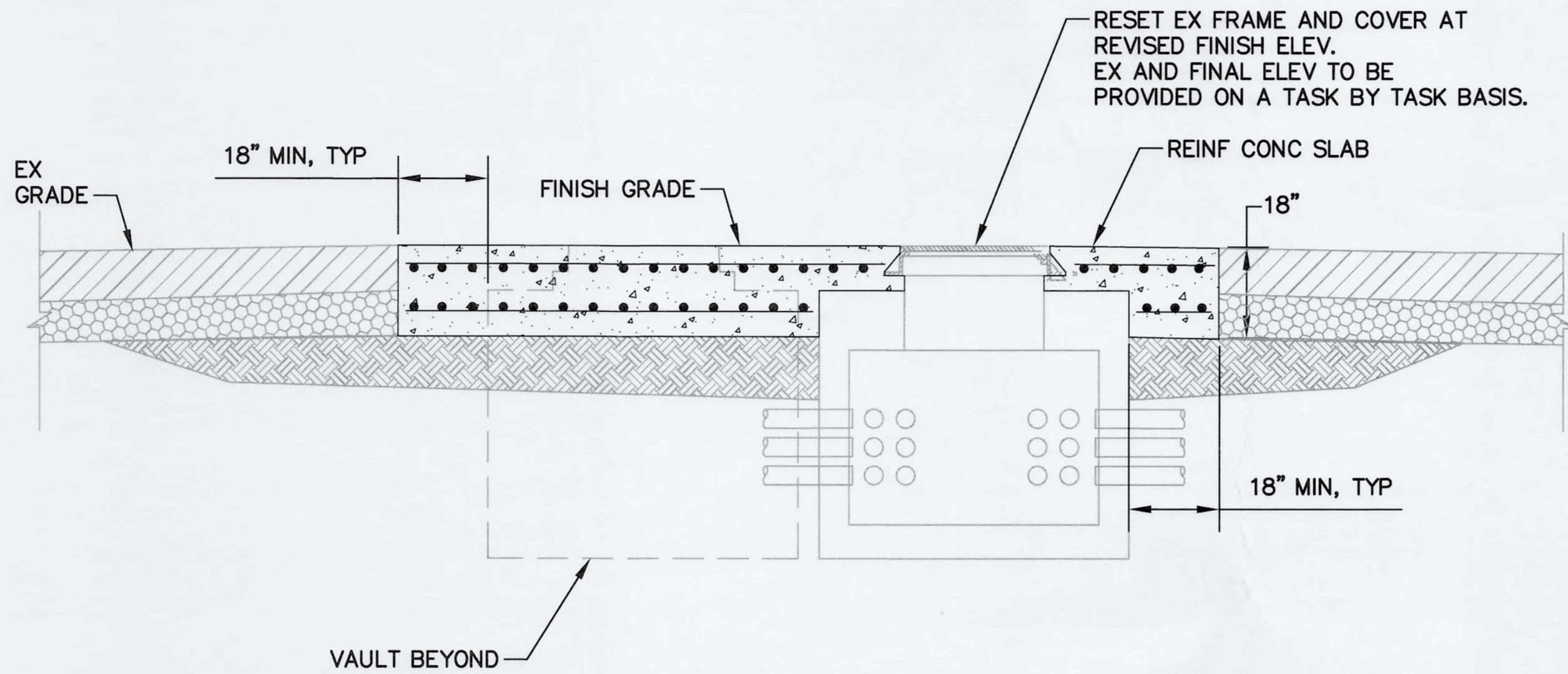
6699 C2.02 SHEET 11 OF 16	PIERCE COUNTY TERMINAL				Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (253) 863-6641	
	OPERATIONAL PAVEMENT REPAIRS 2025				moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98101 (206) 622-0222	
	SITE DETAILS 02				MARK: REVISION: BY: DATE:	
	CONTRACT/CONS: PA 000000038	TOWNSHIP: 20N	RANGE: 3E	SECTION: MLLW	APPR: DATE:	
M. ID: 201038.02	DAT-HRZ-NAD83/2007 VERT:		DRAWING SCALE: AS NOTED		BY: DATE:	
PHASE: BID SET	PARCEL:	TACOMA, WA 98401-1837		THIS DRAWING IS THE PROPERTY OF THE PORT OF TACOMA AND SHALL NOT BE USED ON OTHER WORK, DISCLOSED, COPIED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION		



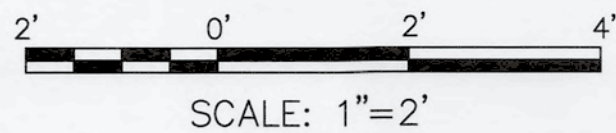
PLAN
SCALE: 1"=2'



SECTION - EXISTING CONDITION AND PREPARATION
SCALE: 1"=2'



SECTION - FINISH CONDITION
SCALE: 1"=2'

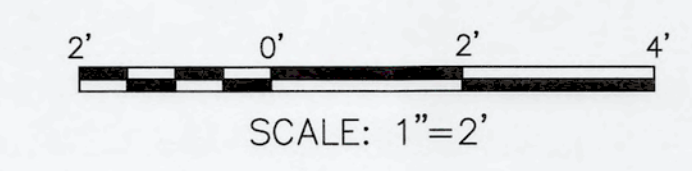
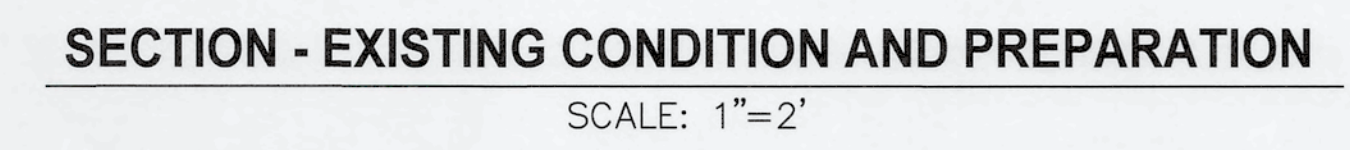


3
VARIES

TYPICAL REHABILITATION OF VAULT

6699 C2.03 SHEET 12 OF 16	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 SITE DETAILS 03				Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (253)383-5441	
	CONT/CONS: PA 000000038 M. ID: 201038.02 PHASE: BID SET	TOWNSHIP: 20N DAT-HRZN: NAD83/2007 RANGE: 3E VERT: MLLW	SECTION: DRAWING SCALE: AS NOTED	APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR PRINTED BY: ayoung Dec 05, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837		
			N. COLSON 2/16/24 CHECKED BY: A. PATTERSON 2/16/24 PROJ. ENGR DATE	moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98101 (206) 462-0222		
			MARK:	REVISION:	BY:	
			APPR:	DATE:		

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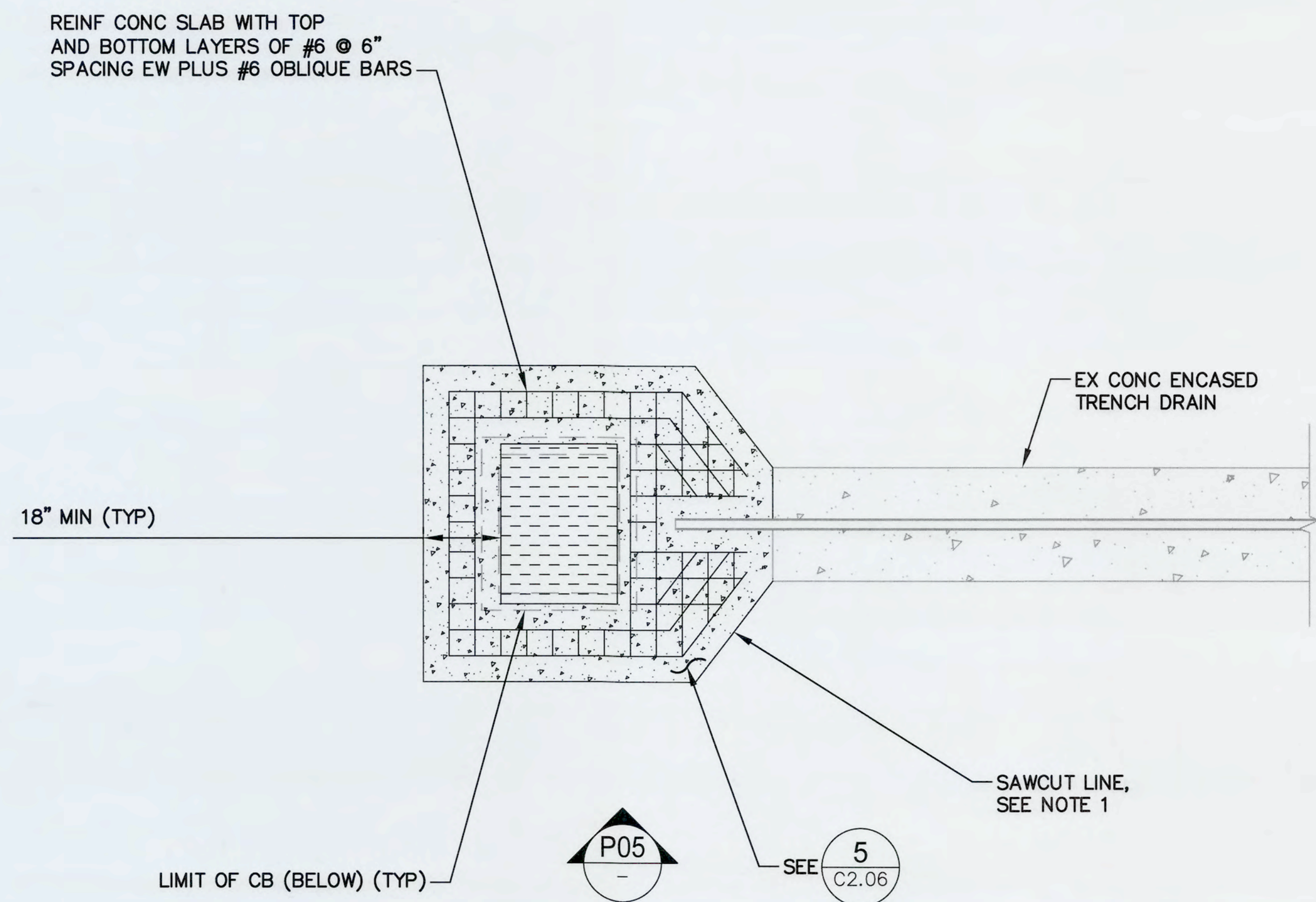


6699 C2.04 SHEET 13 OF 16	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 SITE DETAILS 04	APPROVED: <i>[Signature]</i>	N. COLSON	2/16/24	
		T. HOWARD	CHECKED BY	DATE	
		DIRECTOR	ENG. DATE	PROJ. ENGR	DATE
		PRINTED BY: oyong	Dec 05, 2024		
PORT ADDRESS: ONE SITCOM PLAZA TACOMA, WA 98401-1837					
DRAWING SCALE: AS NOTED					
CONT /CONS: PA. 000000038	TOWNSHIP: 20N	RANGE: 3E	SECTION:		
M. ID: 201038.02	DAT-HRZ: NAD83 / 2007	VERT: MLLW			
PHASE: BID SET	PAREL:				

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PORT OF TACOMA FILE: Q:\SEA\10909-18\20 CADD\ Active_SheetSet-2025\071899-C2-05-C2.06

BINDING EDGE



PLAN
SCALE: 1"=2'



PHOTO - EXAMPLE EXISTING CONDITION

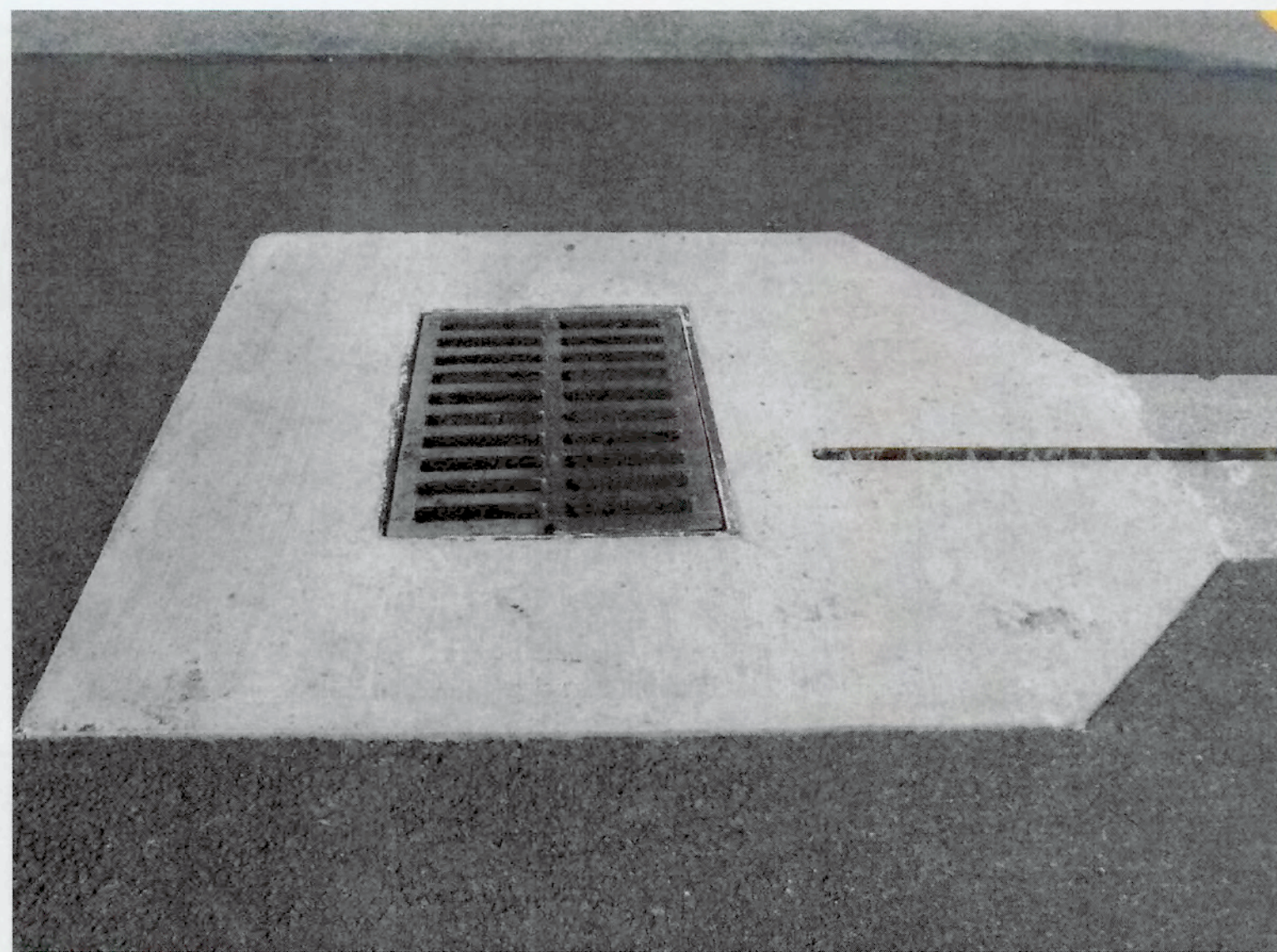
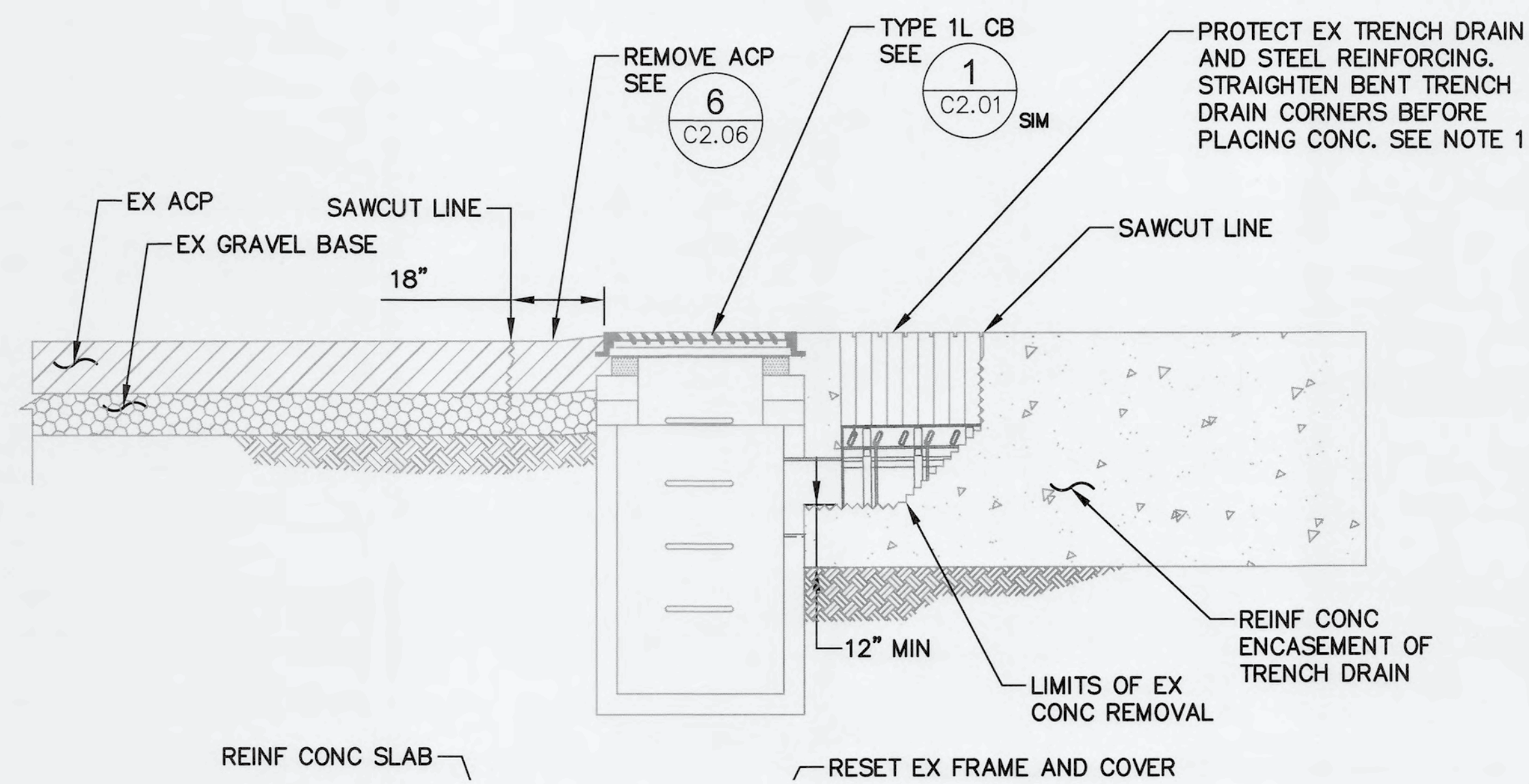


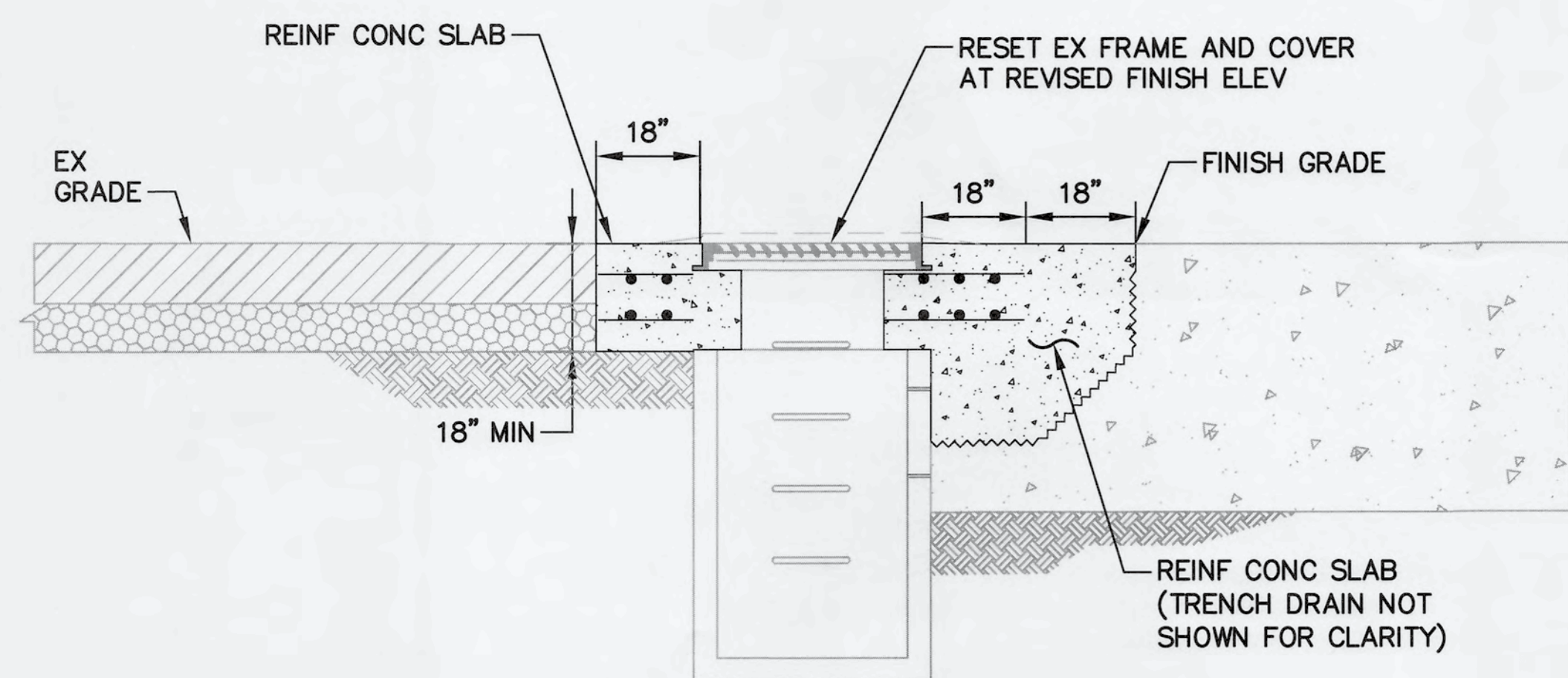
PHOTO - EXAMPLE FINISH CONDITION

P05
—
TYPICAL TYPE 1L CB WITH TRENCH DRAIN
NO SCLAE

5
VARIES
TYPICAL REHABILITATION OF TYPE 1L CATCH BASIN WITH TRENCH DRAIN



SECTION - EXISTING CONDITION AND PREPARATION
SCALE: 1"=2'



SECTION - FINISH CONDITION
SCALE: 1"=2'

2' 0' 2' 4'
SCALE: 1"=2'

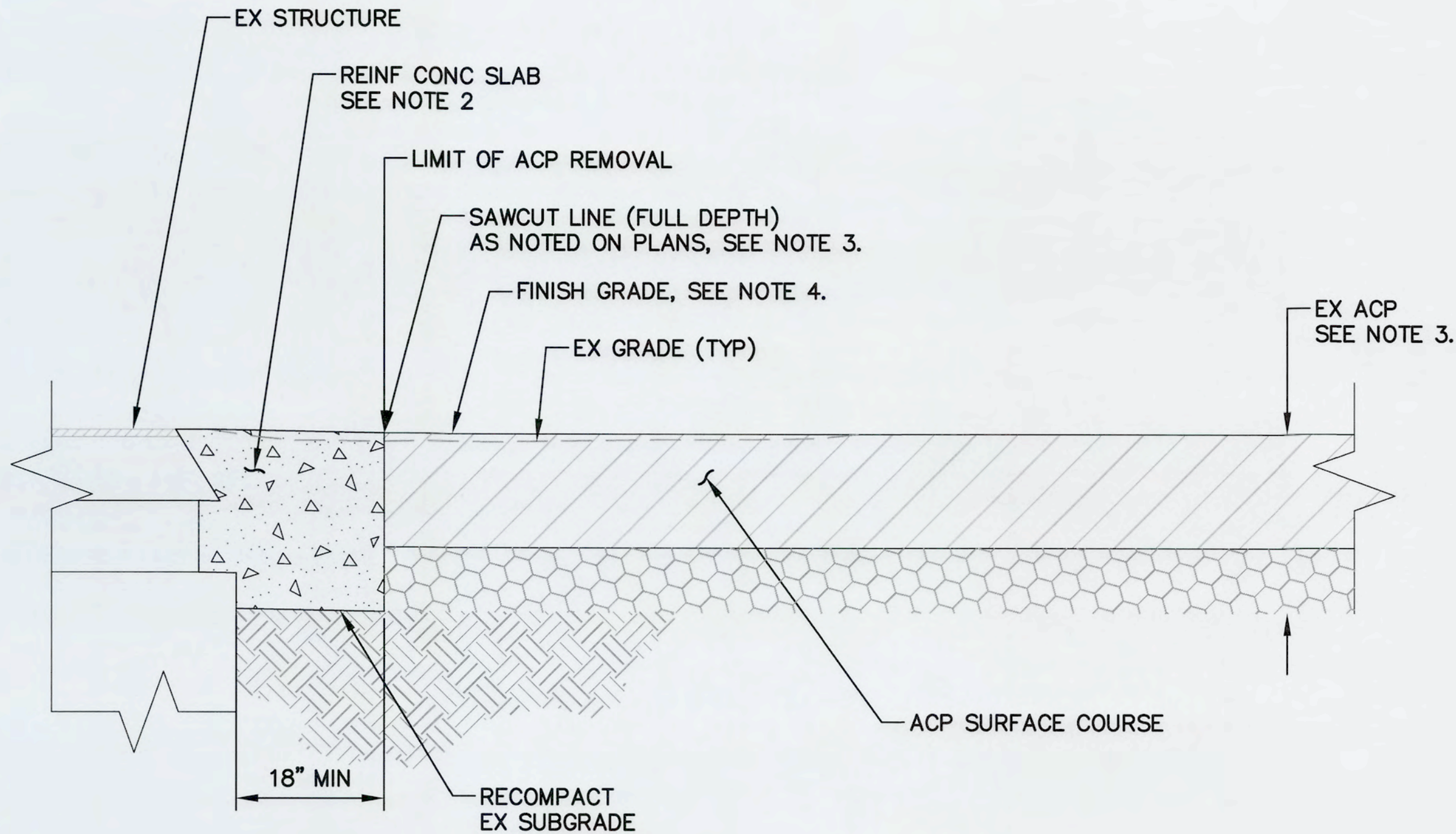
- NOTE:
1. SAWCUT TOP 3 INCHES OF EXISTING REINFORCED CONCRETE TRENCH STRUCTURE AT THE LOCATION INDICATED. DO NOT DAMAGE EXISTING TRENCH DRAIN EMBEDDED METAL RISER OR PIPE SECTIONS. JACK HAMMER TO REMOVE LOOSE CONCRETE AND PROVIDE A SOLID BASE SURFACE. MAINTAIN REINFORCING STEEL FOR USE IN NEW REINFORCED CONCRETE SLAB. APPLY BONDING AGENT TO EXISTING CONCRETE SURFACES. PROVIDE ADDITIONAL REINFORCEMENT AS DIRECTED BY THE ENGINEER.

6699 C2.05 SHEET 14 OF 16	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 SITE DETAILS 05		APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR ENG. DATE: 2/16/24	N. COLSON CHECKED BY: 2/16/24 A. PATTERSON PROJ. ENGR. DATE: 2/16/24	12/13/2024		 Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 253.383.8441
	CONTRACT/CONS: PA 000000038 M. ID: 201038.02 PHASE: BID SET	TOWNSHIP: 20N RANGE: 3E SECTION: 3E DAT-HRZ: NAD83 / 2007 VERT: MLLW DRAWING SCALE: AS NOTED	PRINTED BY: 05/05/2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	MARK: REVISION: BY: DATE: APPR: DATE:			

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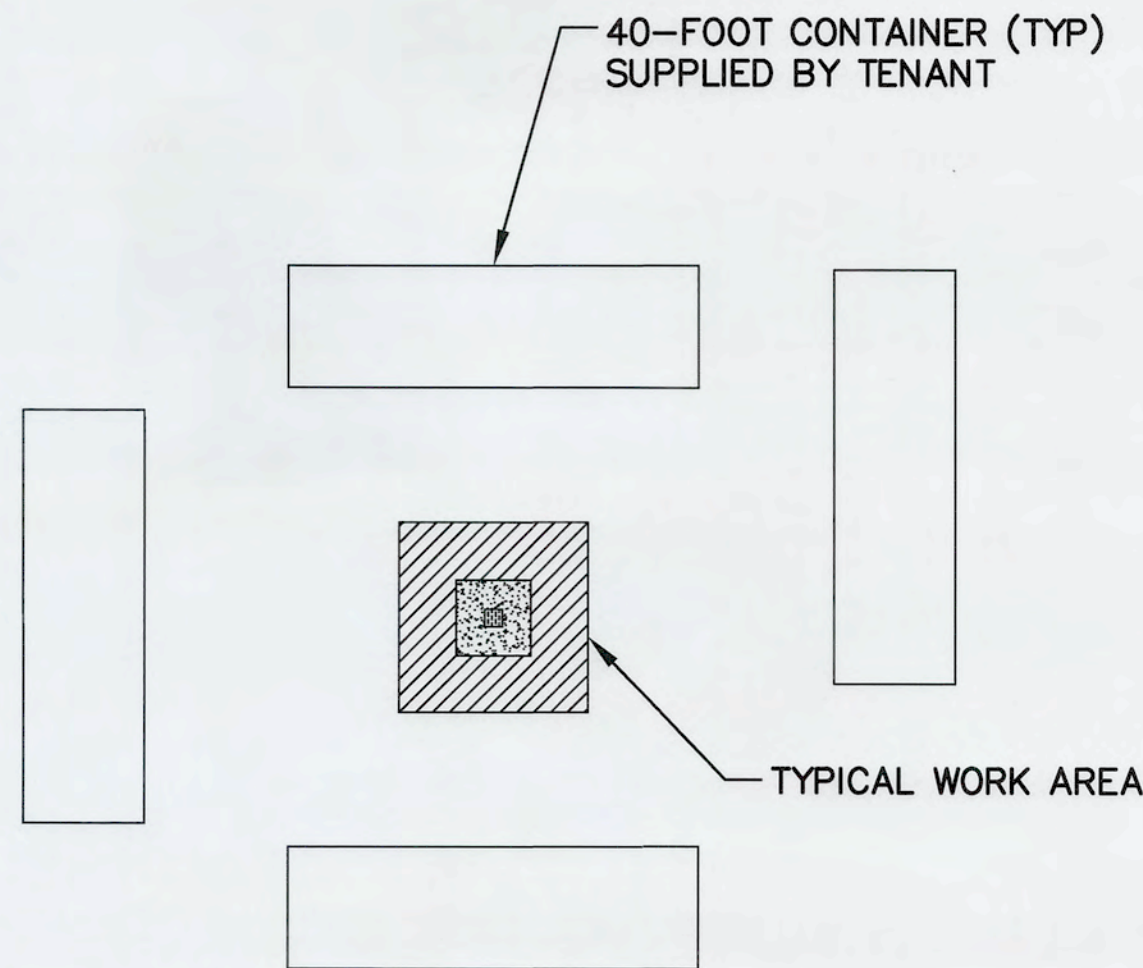
BINDING EDGE



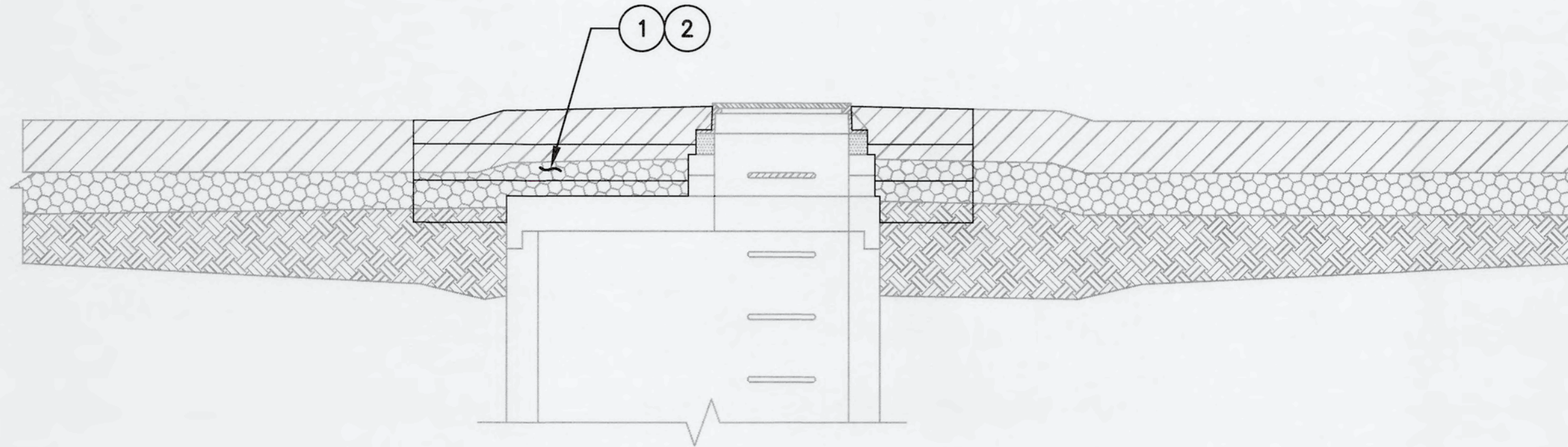
NOTES:

1. REINF CONC SLAB SHALL EXTEND MINIMUM 1.5' HORIZONTALLY BEYOND EXTERIOR LIMIT OF EXIST STRUCTURE BELOW OR AS SHOWN OR INDICATED ON THE PLANS.
2. MATCH ELEVATION OF ADJUSTED STRUCTURE GRATE OR RIM. FIELD VERIFY FRAME AND GRATE (OR COVER) DIMENSIONS. THIS CONCRETE SLAB SHALL BE CAST MONOLITHIC WITH CAST-IN-PLACE STRUCTURE RISERS (NOT SHOWN) WHERE APPLICABLE.
3. EXISTING PAVEMENT SECTION VARIES THROUGHOUT THE YARD. TYPICAL SECTION MAY INCLUDE ±8" TO 10" OF SUPERPAVE ACP ON ±2" OF CLASS B ACP OVER A CRUSHED ROCK BASE OR PITRUN SUB-GRADE.
4. FINISH ELEVATIONS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER TO ACCOMMODATE ADJACENT PAVEMENT ELEVATIONS AND TO ENSURE POSITIVE DRAINAGE.

5 TYPICAL ASPHALT CONCRETE PATCHING AT EXISTING STRUCTURE
VARIES SCALE: 1" = 1'

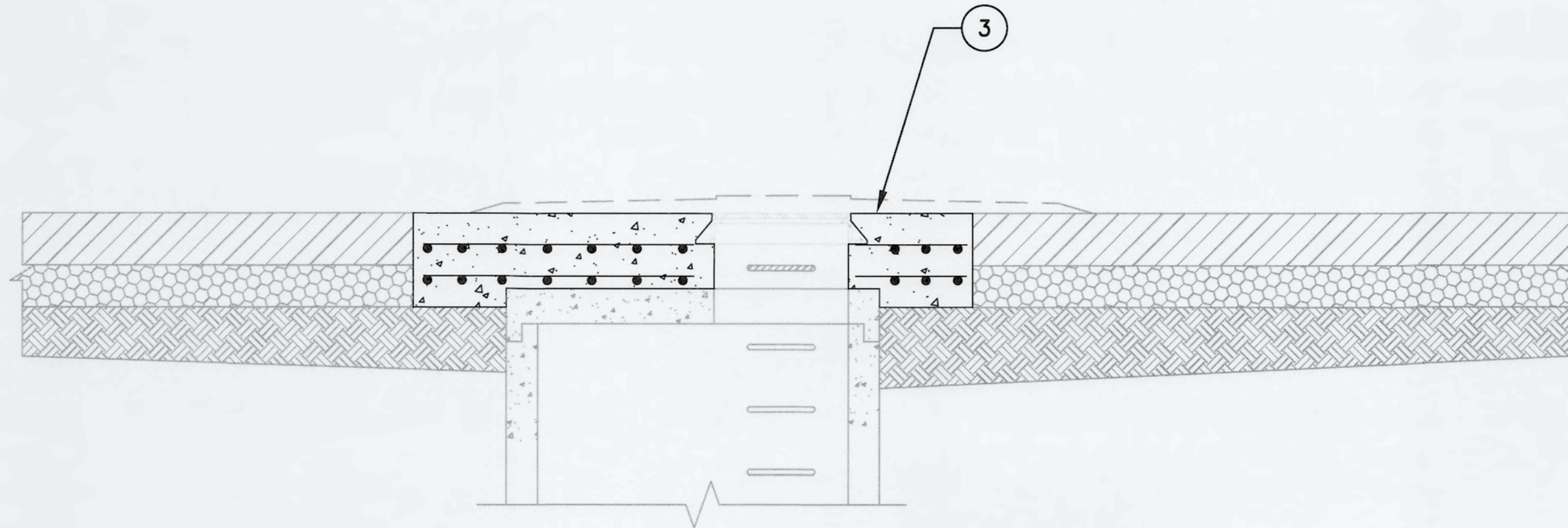


7 TYPICAL WORK AREA PROTECTION
VARIES SCALE: NTS



SECTION - EXISTING CONDITION & PREPARATION

SCALE: 1"=2'



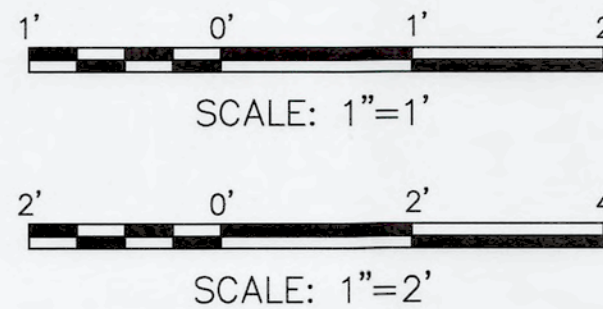
SECTION - PROPOSED CONDITION

SCALE: 1"=2'

NOTES:

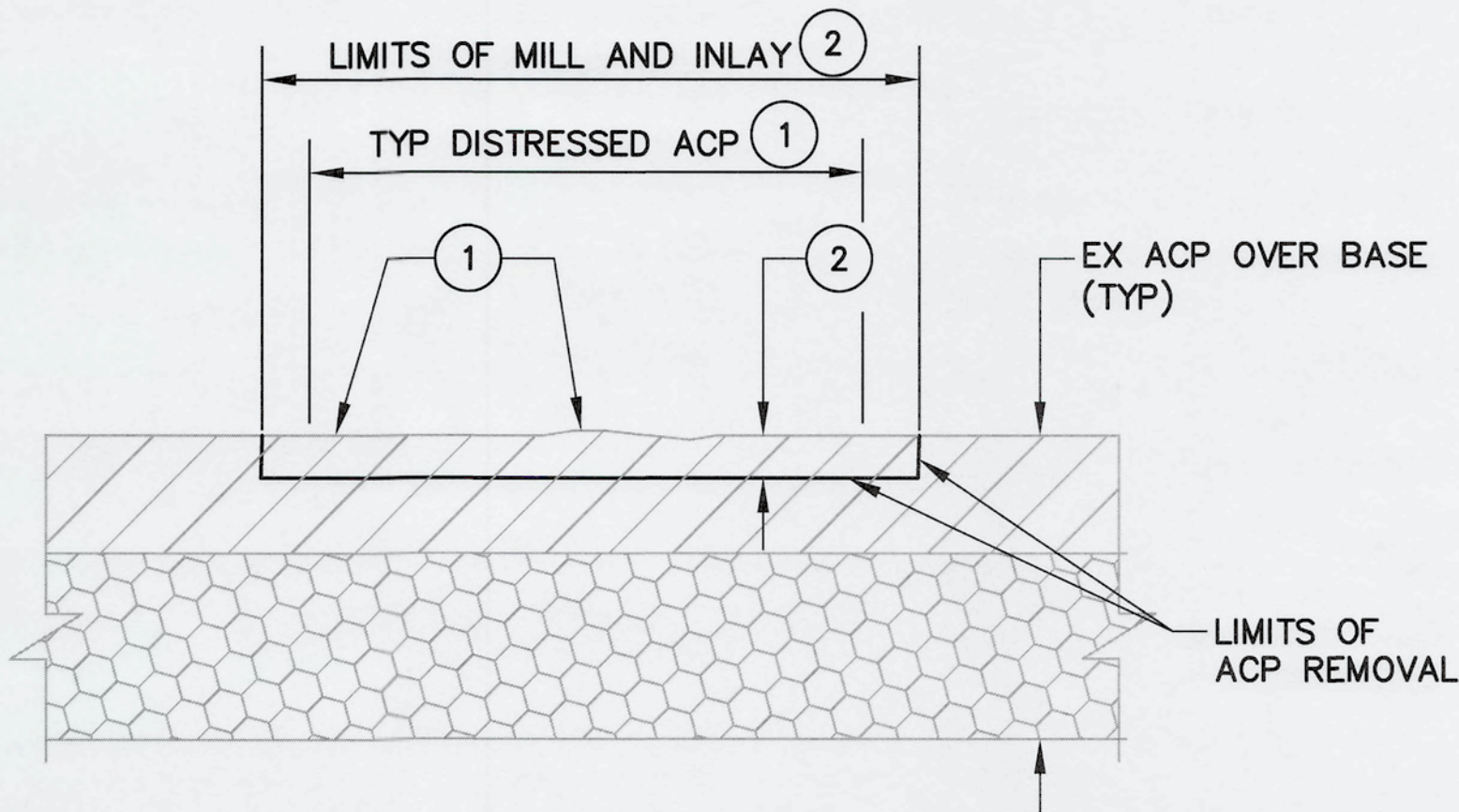
- 1 SAWCUT AND REMOVE ACP.
- 2 REMOVE PAVEMENT BASE AND EXCAVATE TO BOTTOM OF WORK AREA. COMPACT SUBGRADE TO UNYIELDING STATE.
- 3 CONSTRUCT REINFORCED CONC SLAB.

6 TYPICAL CONSTRUCTION SEQUENCE
VARIES SCALE: 1" = 2'



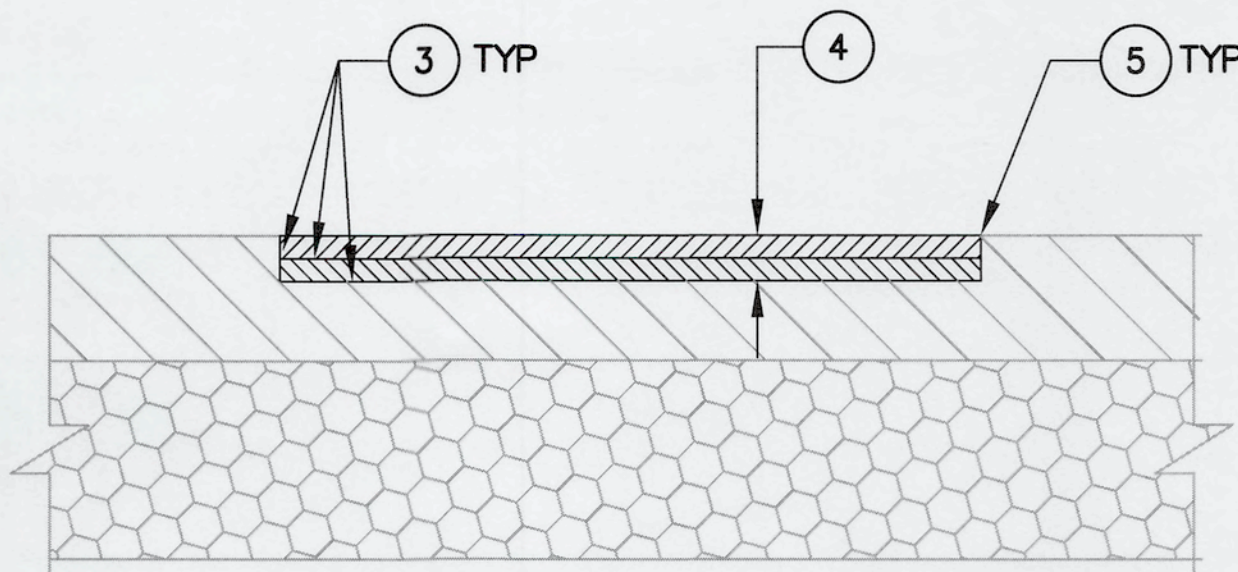
6699 C2.06 SHEET 15 OF 16 CONT/CONS: PA 0000000038 M. ID: 201038.02 PHASE: BID SET	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2025 SITE DETAILS 06	APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR ENG. DATE: 2/16/24 PRINTED BY: 0504 Dec 05, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	N. COLSON CHECKED BY: DATE: 2/16/24 A. PATTERSON PROJ. ENGR DATE: 2/16/24 PROJ. DEC 05, 2024 TACOMA, WA 98401-1837	12/13/2024 			MARK:	REVISION:	BY:	DATE:

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SECTION - EXISTING CONDITION AND PREPARATION

SCALE: NTS



SECTION - FINISH CONDITION

SCALE: NTS

PAVEMENT REPAIRS (AS NEEDED)

SCALE: NTS

KEY NOTES:

- EXISTING DAMAGED ACP (LIMITS AND SEVERITY VARY).
- MILL EXISTING ACP TO THE NECESSARY LIMITS AND DEPTH TO ACCOMMODATE A 4.5 INCHES INLAY.
- REFER TO THE SPECIFICATIONS FOR TACK COAT REQUIREMENTS.
- PROVIDE 4.5 INCHES ACP INLAY VIA A 2½ INCHES BASE LIFT FOLLOWED BY A 2 INCHES SURFACE LIFT.
- PROVIDE JOINT SEALANT.

6699
C2.07
SHEET 16 OF 16

CONT/CONS: PA 0000000038
M. ID: 201038.02
PHASE: BID SET

PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2025
PAVING SECTIONS

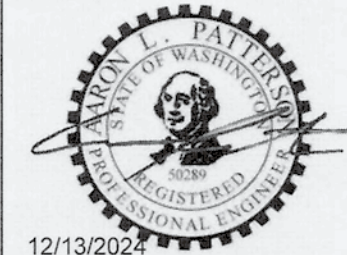
TOWNSHIP: 20N
DATE-HRZ:NAD83/2007
PARCEL:
RANGE: 3E
SECTION:
DRAWING SCALE: AS NOTED

APPROVED:
T. HOWARD
DIRECTOR

ENG. DATE
PRINTED BY: gyang
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98401-1837

N. COLSON
CHECKED BY
DATE

A. PATTERSON
PROJ. ENGR
DATE



moffatt & nichol
600 UNIVERSITY STREET, SUITE 610
SEATTLE, WA 98101
(206) 622-0222

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