

PORT OF TACOMA

PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 PROJECT NO. 201038.02 CONTRACT NO. 072084

PORT COMMISSIONERS:

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DICK MARZANO
DEANNA KELLER
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KRISTIN ANG

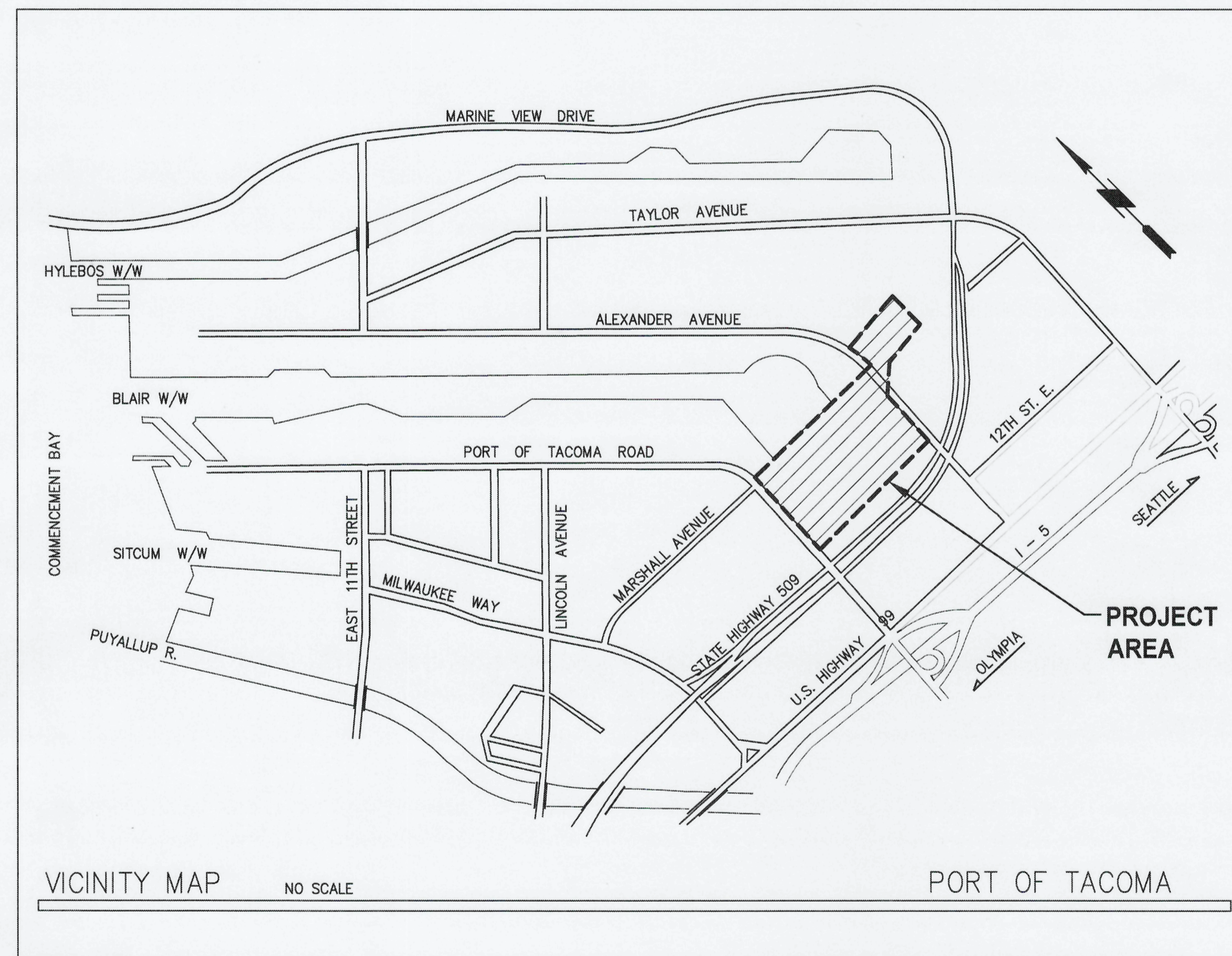
PORT STAFF:

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Executive Director

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Director of Engineering

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Project Manager



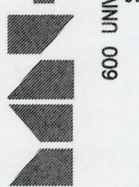
CONSULTANT:



moffatt & nichol


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DRAWING LIST		
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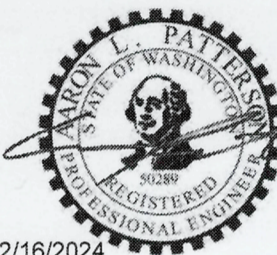
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Port of Tacoma

P.O. BOX 187 TACOMA, WA 98401



2/16/2024

APPROVED: *Thais Howard*

T. HOWARD
DIRECTOR ENGR. DATE: 2/16/24

N. COLSON 2/16/24
CHECKED BY: A. PATTERSON 2/16/24
DATE: 2/16/24

PRINTED BY: apatterson Feb 16, 2024

PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98401-1837

6699

G1.01

SHEET 1 OF 16

CONTR/CONS: 072084

M. ID: 201038.02

PHASE: BID SET

TOWNSHIP: 20N

RANGE: 3E

SECTION: 36

DATE-HRZ: NAD83/2007

PARCEL: MLLW

SECTION: AS NOTED

DRAWING SCALE: AS NOTED

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

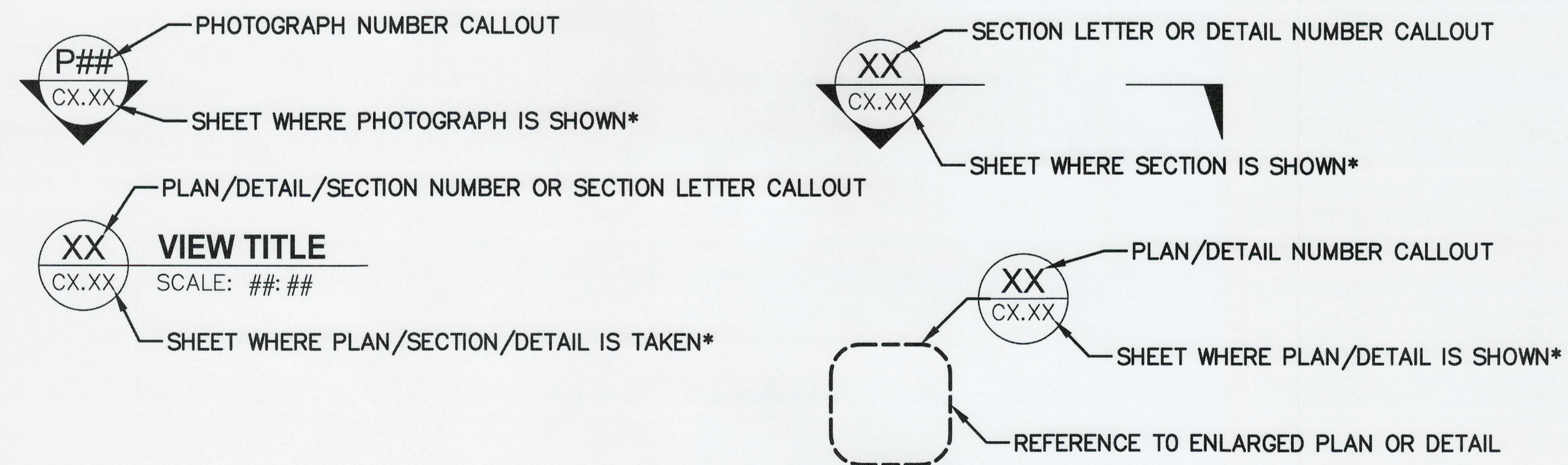
'	FEET
"	INCHES
⊙	AT
ACP	ASPHALT CONCRETE PAVEMENT
APPROX	APPROXIMATE
BLDG	BUILDING
CB	CATCH BASIN
CL	CLASS
COMM	COMMUNICATIONS
CONC	CONCRETE
CPV	CRANE POWER VAULT
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CTR	CENTER
CV	COMMUNICATIONS VAULT
CY	CUBIC YARD
DIA, ⌀	DIAMETER
DIM	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

REIN	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
VLV	VAULT
VALV	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
	ACP
	CAST-IN-PLACE CONC
	FLOWABLE FILL BASE COURSE

REFERENCE CALLOUTS



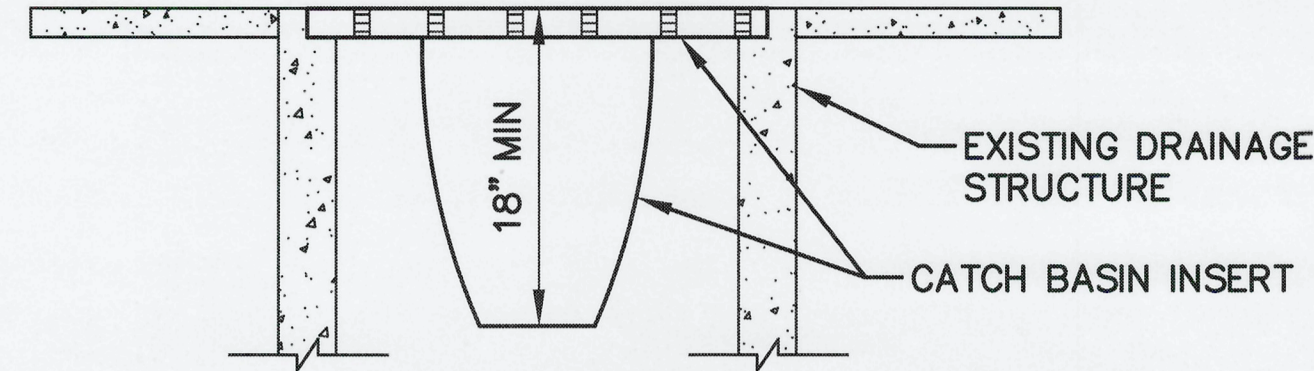
ONE-CALL at 1-800-424-5555
 UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NO GUARANTEE THAT ALL UTILITY LINES ARE SHOWN, OR THAT THE LOCATION, SIZE, AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPING WHERE CROSSING, INTERFERENCES, OR CONNECTIONS OCCUR 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	
PRINTED BY: apatterson	Feb 16, 2024	
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DRAWING SCALE: AS NOTED		
PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 GENERAL NOTES, ABBREVIATIONS & LEGEND		
TOWNSHIP: 20N	RANGE: 3E	SECTION:
DATE: HRZ: NAD83 / 2007	VERT: MLLW	
PARCEL:		
6699	G1.02	SHEET 2 OF 16
CONT/CONS: 072084		
M. ID: 201038.02		
PHASE: BID SET		

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TEMPORARY EROSION & SEDIMENT CONTROL (TESC) NOTES:

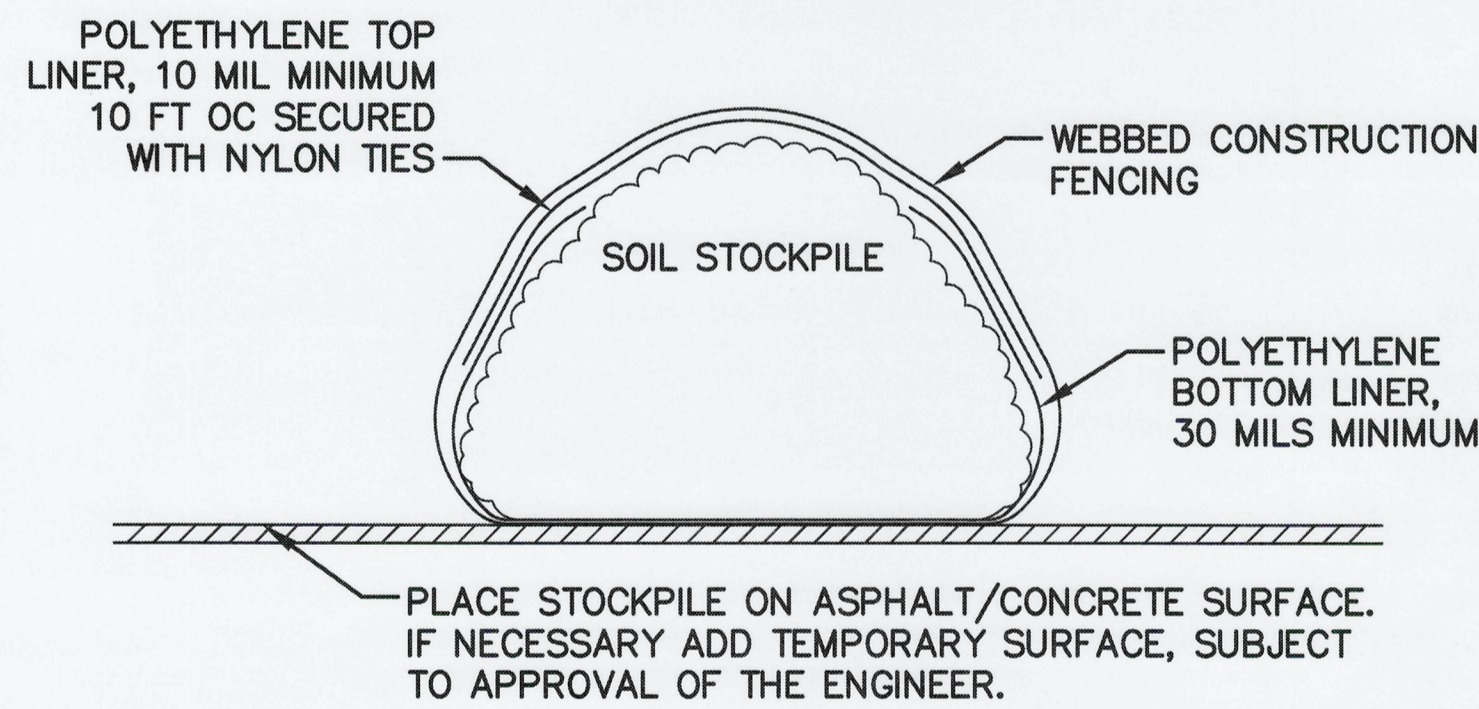
- A. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE REQUIREMENTS OF SPECIFICATIONS SECTION 01 57 13.
- B. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED TO PREVENT ERODED SEDIMENT AND TURBID WATER FROM ENTERING THE STORM DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES DURING AND FOLLOWING 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.



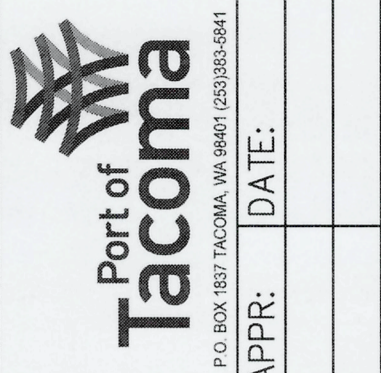
NOTES:

- 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.

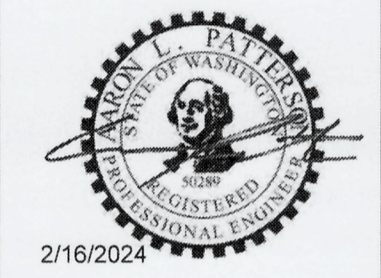
1 CATCH BASIN INSERT
SCALE: NTS



2 SOIL MANAGEMENT AREA STOCKPILE WRAP
SCALE: NTS



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PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024
TESC DETAILS

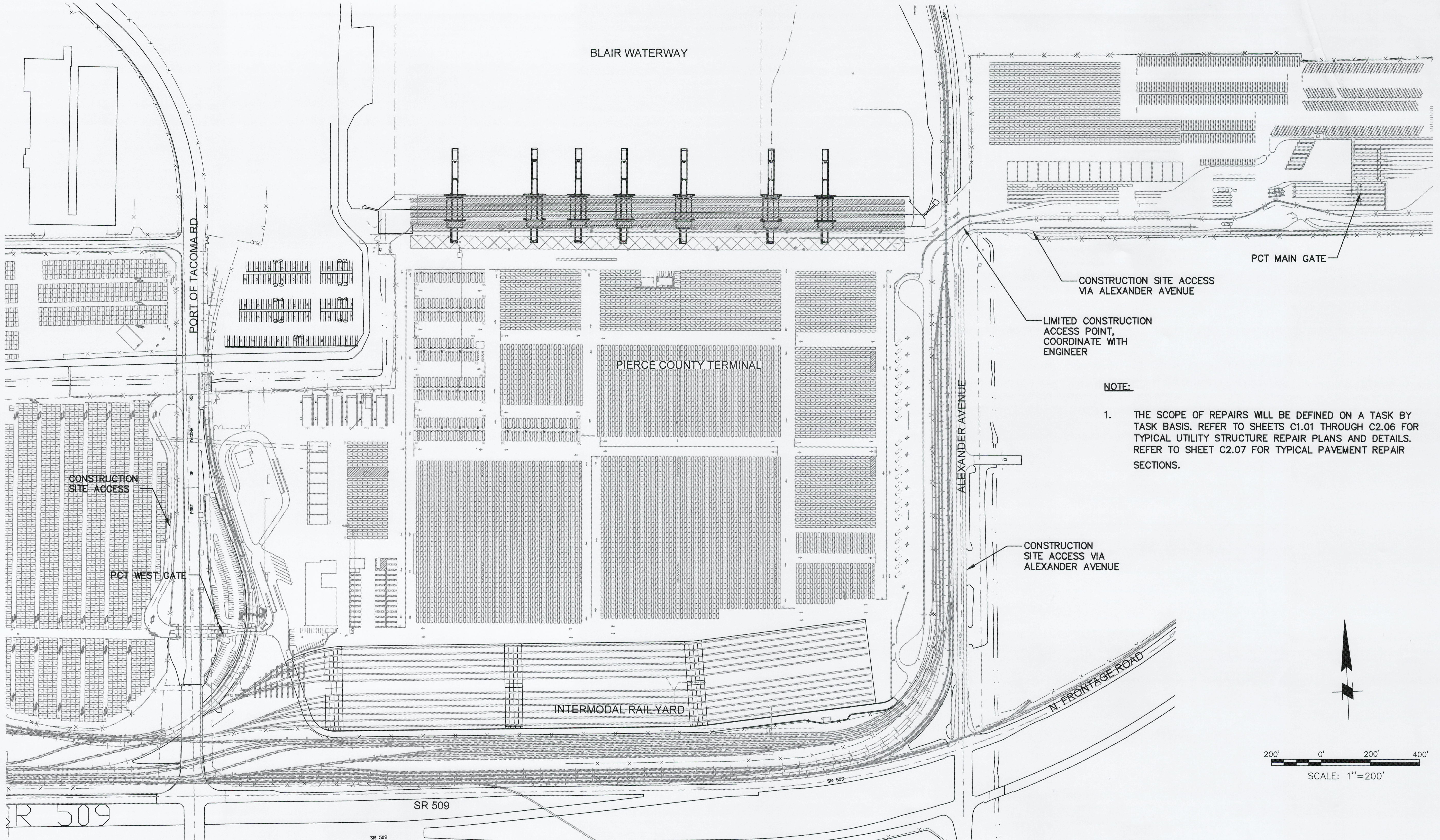
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DATE: HRZ: NAD83 / 2007 VERT: MLLW
PARCEL: DRAWING SCALE: AS NOTED

6699
G1.03
SHEET 3 OF 16
CONT./CONS: 072084
M. ID: 201038.02
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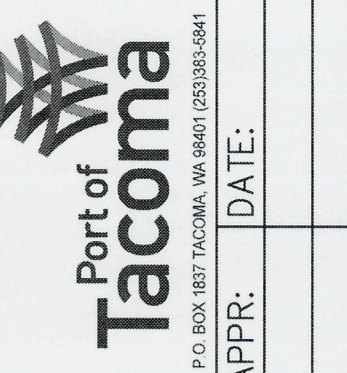
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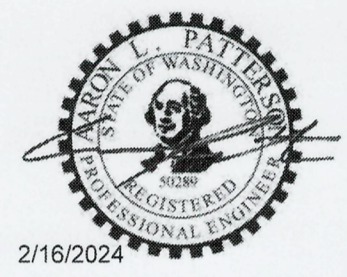
SITE PLAN
SCALE: 1"=200'

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.



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T. HOWARD
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**PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2024**
SITE PLAN

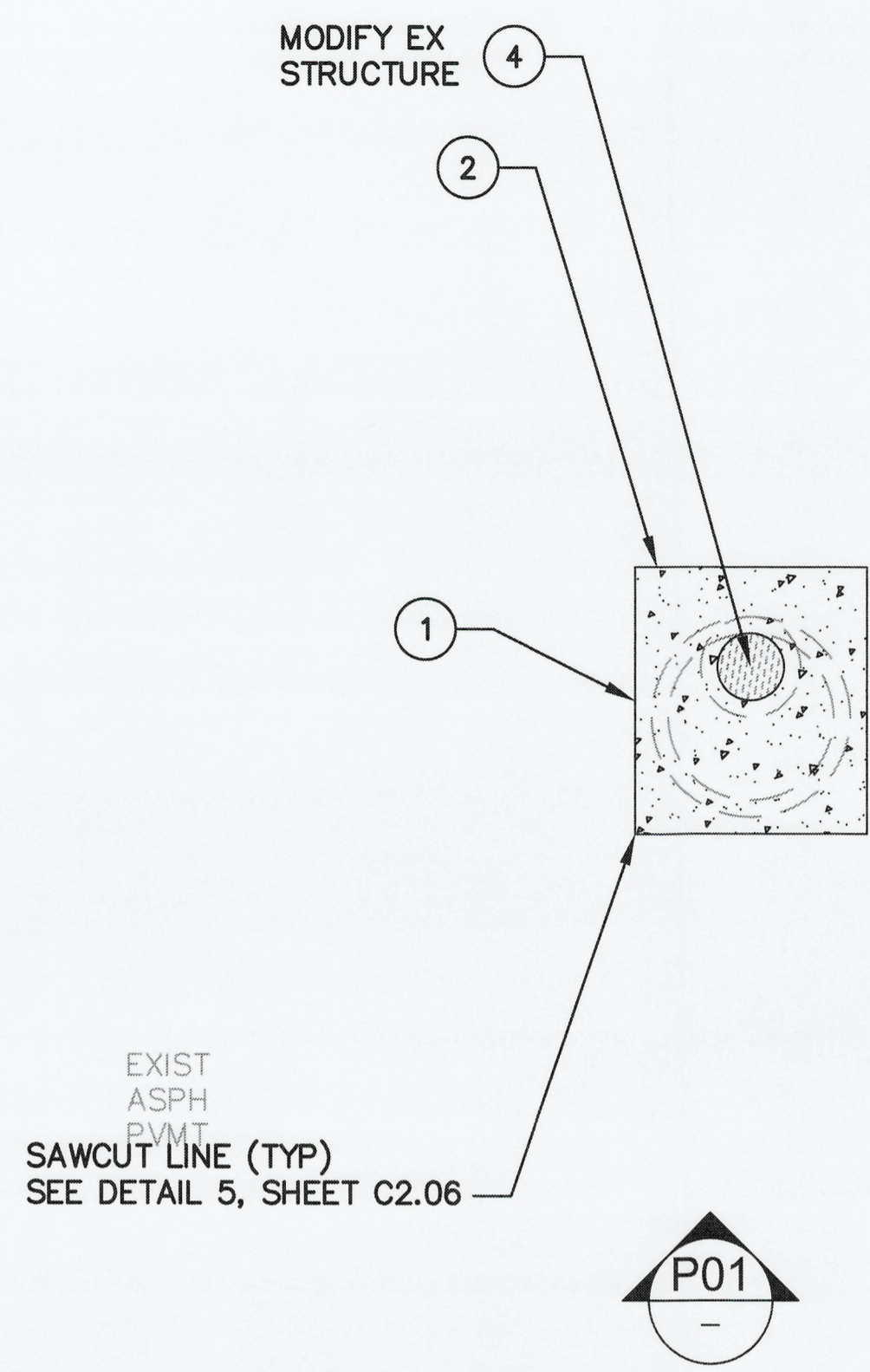
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C0.00**
SHEET 4 OF 16
CONT./CONS: 072084
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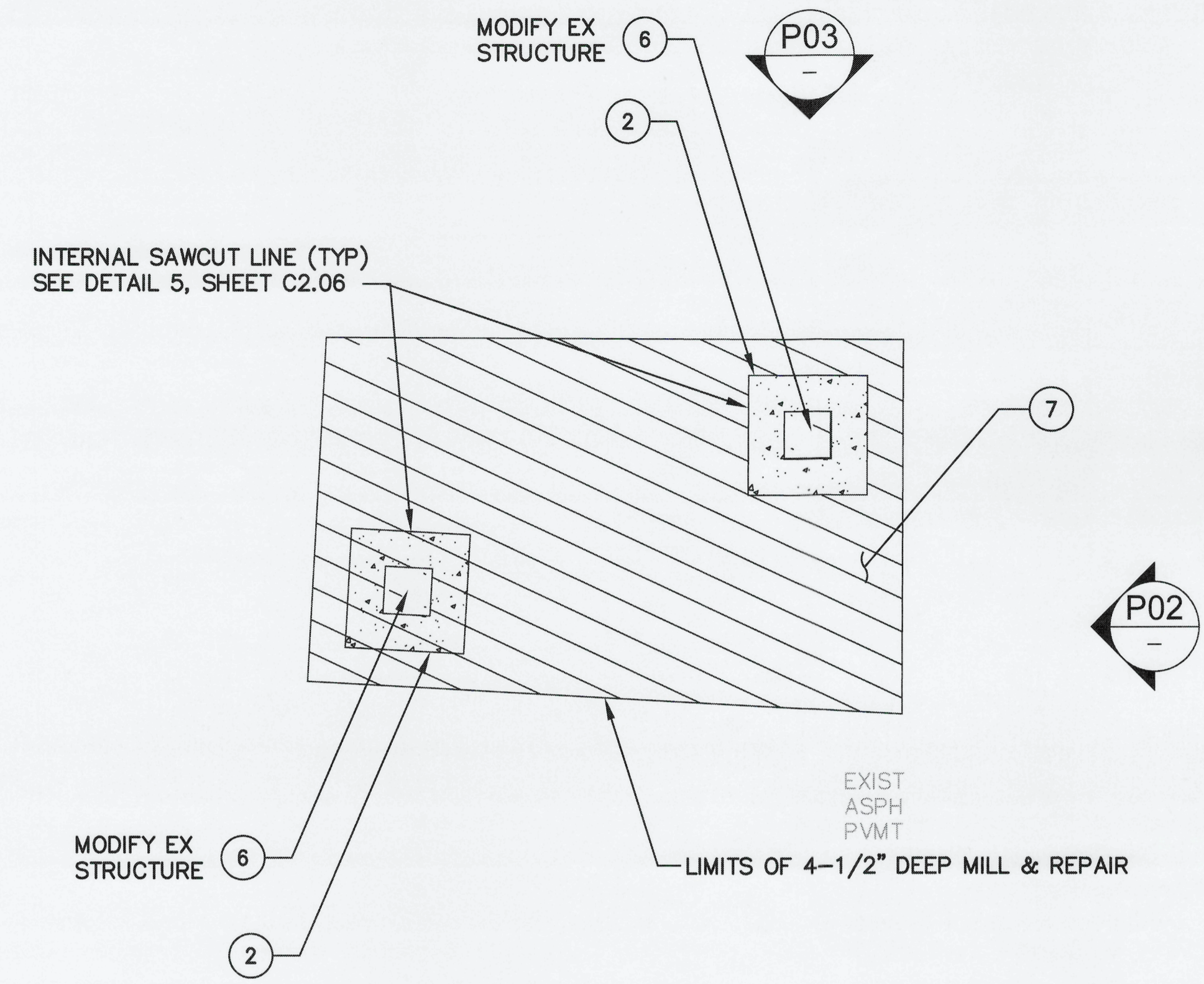
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1
TYPICAL OWS (TYPE 2 CB)
SCALE: 1" = 5'



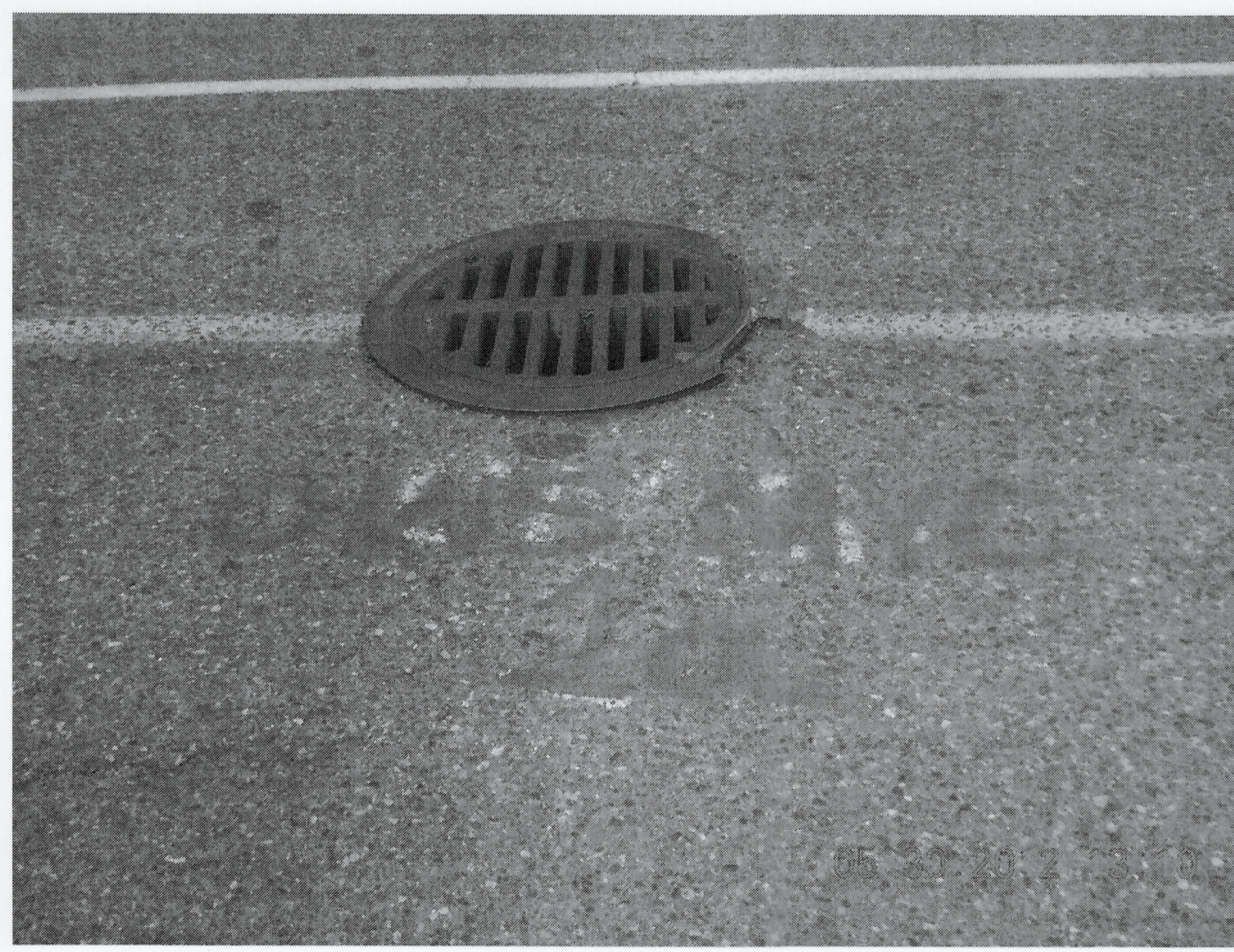
2
TYPICAL DOUBLE VALVE BOX SLAB (WATER VALVE BOXES)
SCALE: 1" = 5'

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:

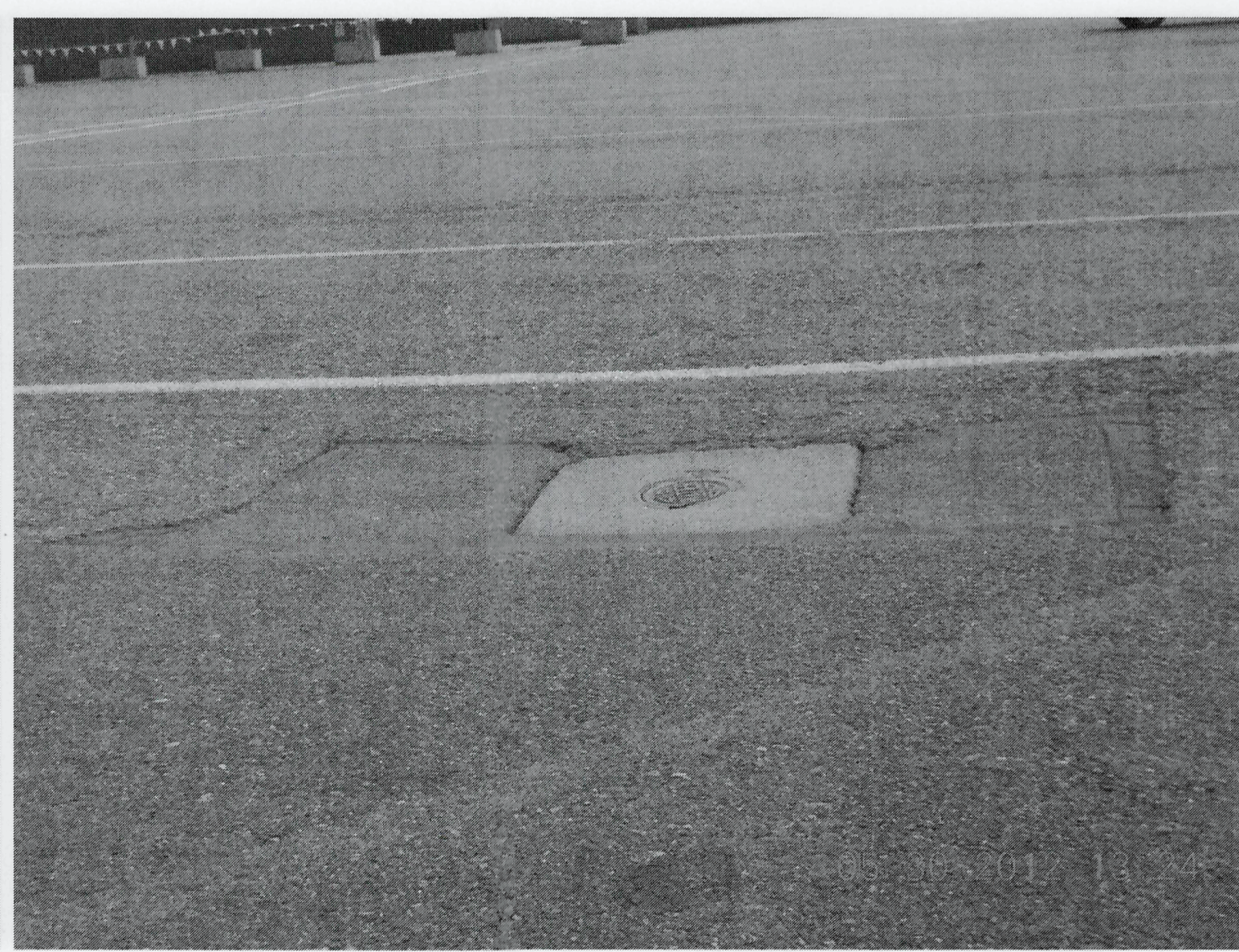
1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



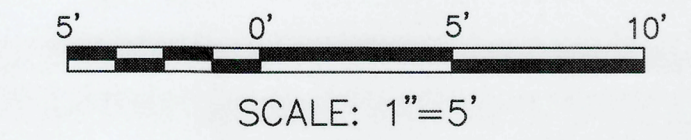
P01
TYPICAL OWS



P02
TYPICAL VALVE BOX

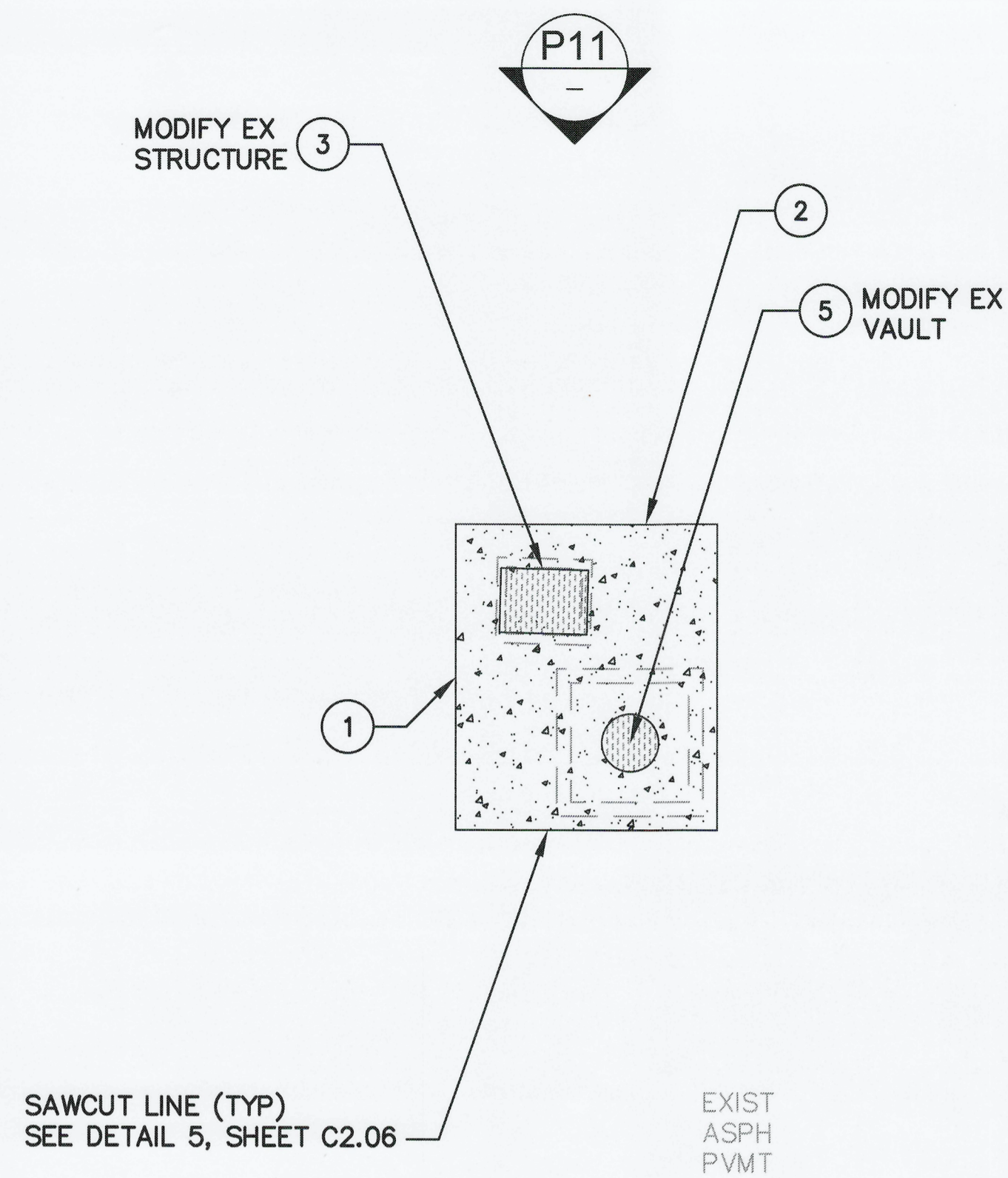


P03
TYPICAL VALVE BOX

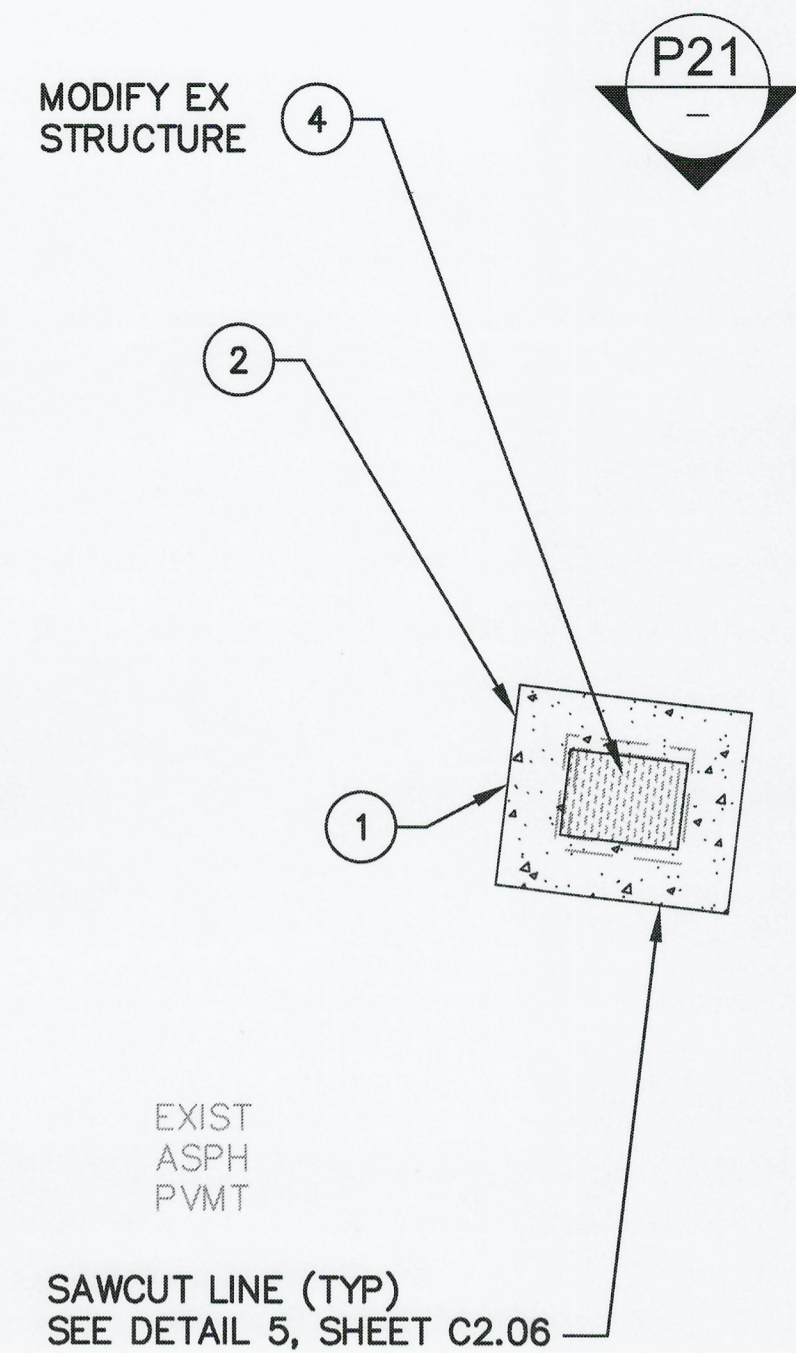


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	BY:	DATE:
 moffatt & nichol <small>600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98107 (206) 622-0222</small>	REVISION:	DATE:
	MARK:	DATE:
 <small>2/16/2024</small>	N. COLSON	2/16/24
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A. PATTERSON	2/16/24	
PROJ. ENGR	DATE	
A. PATTERSON	Feb 16, 2024	
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PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 <small>ENLARGED UTILITIES PLAN 01</small>		
TOWNSHIP:	RANGE:	SECTION:
20N	3E	MLLW
DATE:	VERT:	DRAWING SCALE:
201036.02	2007	AS NOTED
PHASE:	PARCEL:	
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SHEET 5 OF 16		
CONT/CONS:		
072084		
M. ID:		
201036.02		

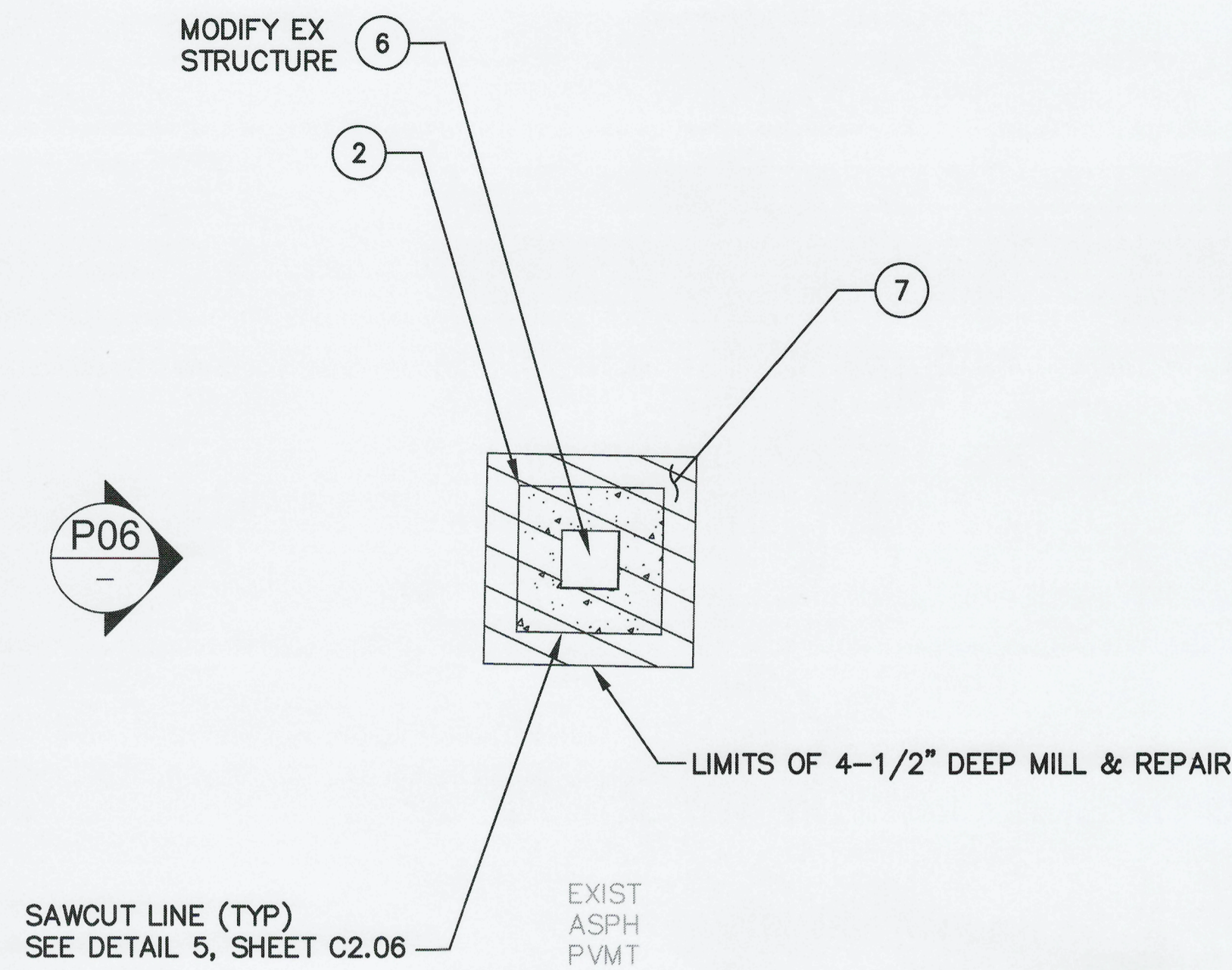
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11
—
TYPICAL CB (TYPE 1L CB) & CPV (POWER VAULT)
SCALE: 1" = 5'



21
—
TYPICAL CB (TYPE 2 CB)
SCALE: 1" = 5'



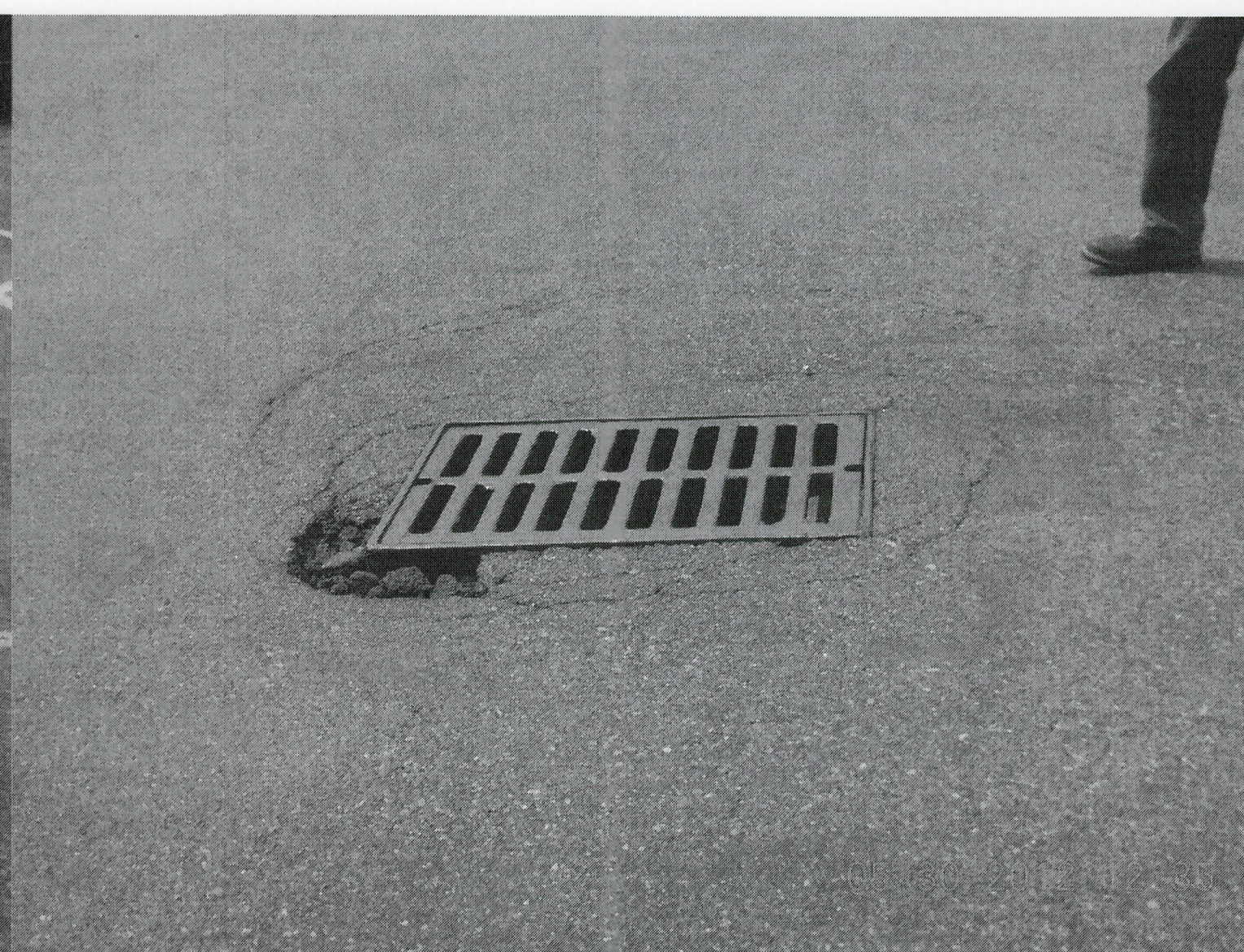
6
—
TYPICAL SINGLE VALVE BOX (WATER VALVE BOX)
SCALE: 1" = 5'

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.



P11
—
TYPICAL SD & CPV



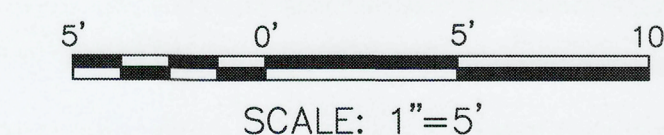
P21
—
TYPICAL CB



P06
—
TYPICAL VALVE BOX

NOTES:

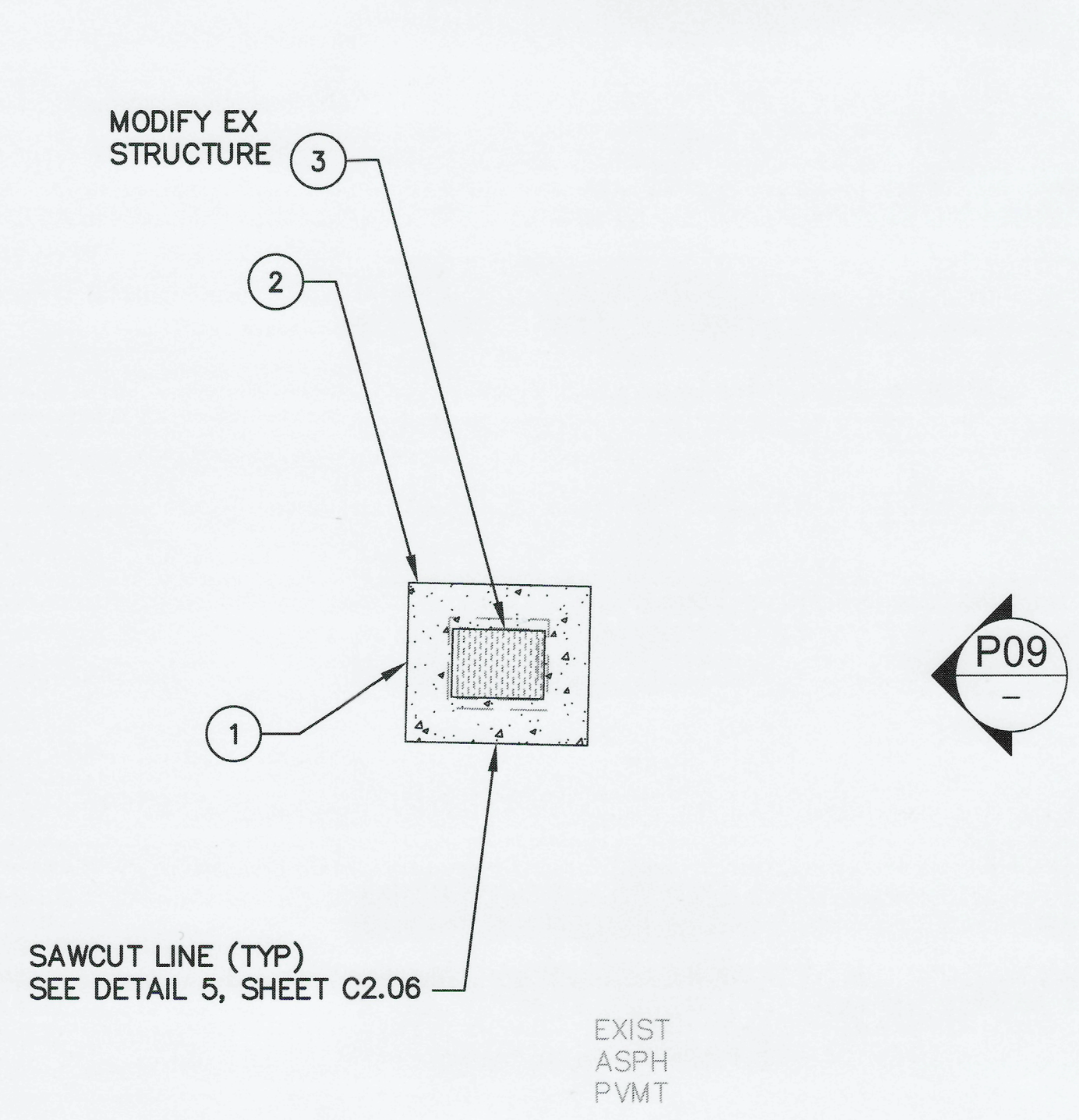
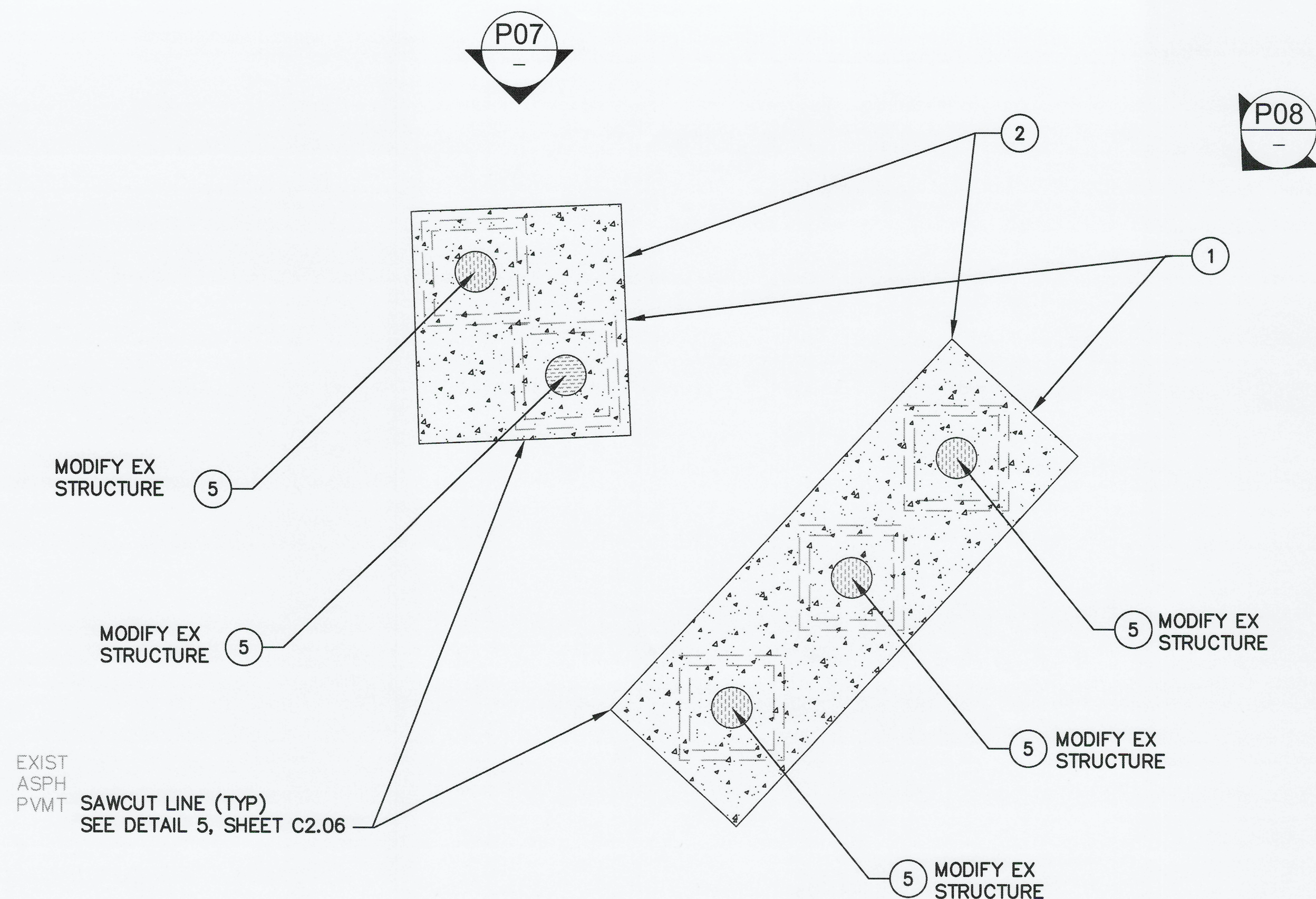
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- 3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



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6699 C1.02 SHEET 6 OF 16	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 ENLARGED UTILITIES PLAN 02		TOWNSHIP: 20N RANGE: 3E SECTION: _____ DATE: 2010.03.02 DAT-HRZ: NAD83 / 2007 VERT: MLLW PARCEL: _____ DRAWING SCALE: AS NOTED	PRINTED BY: apatterson DATE: Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	APPROVED: _____ T. HOWARD

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BINDING EDGE



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

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



P07 TYPICAL CPV & CPV



P08 TYPICAL PV, PV & SV



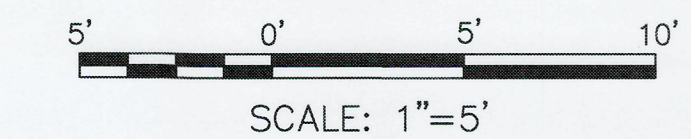
P09 TYPICAL CB

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.

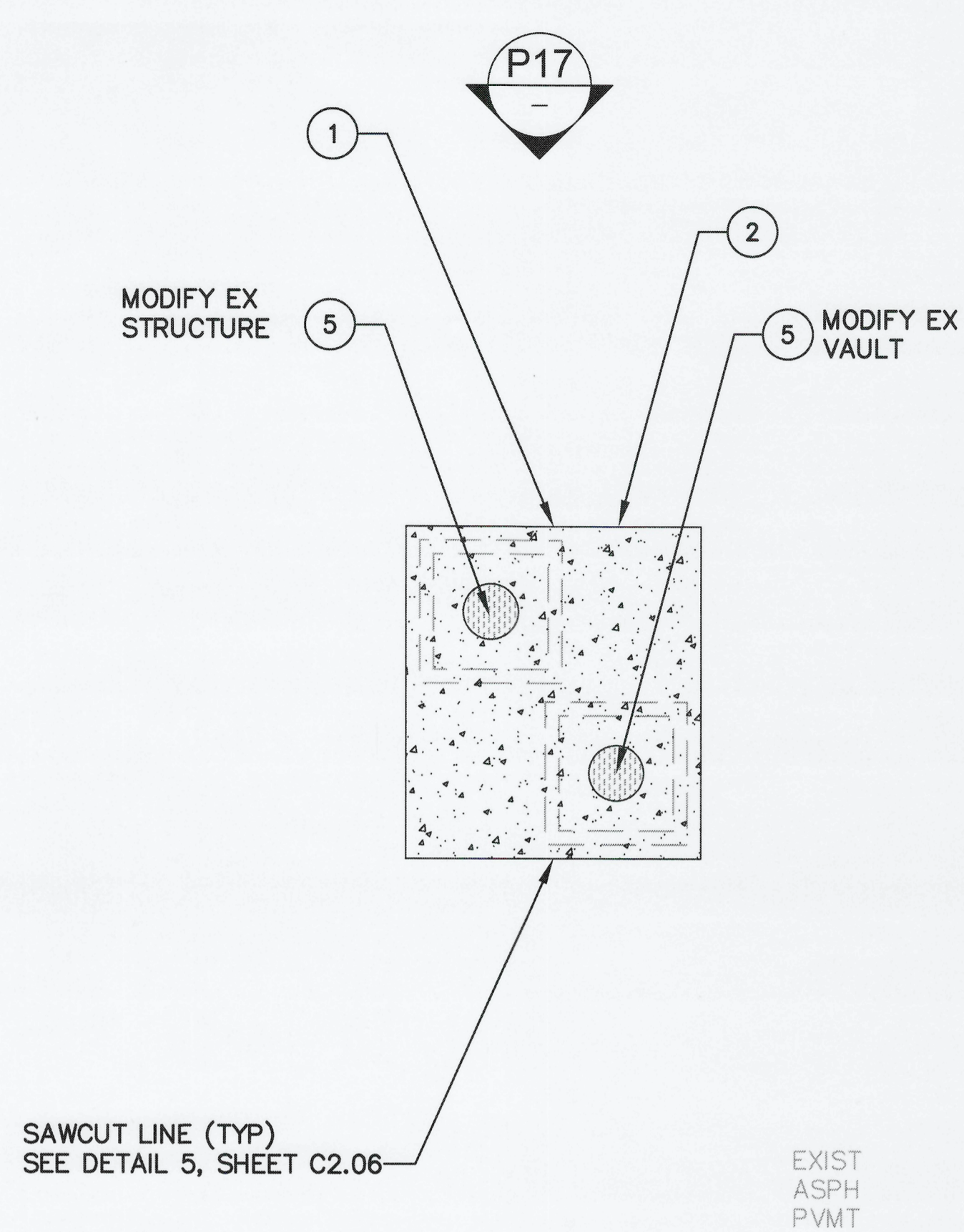
NOTES:

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.

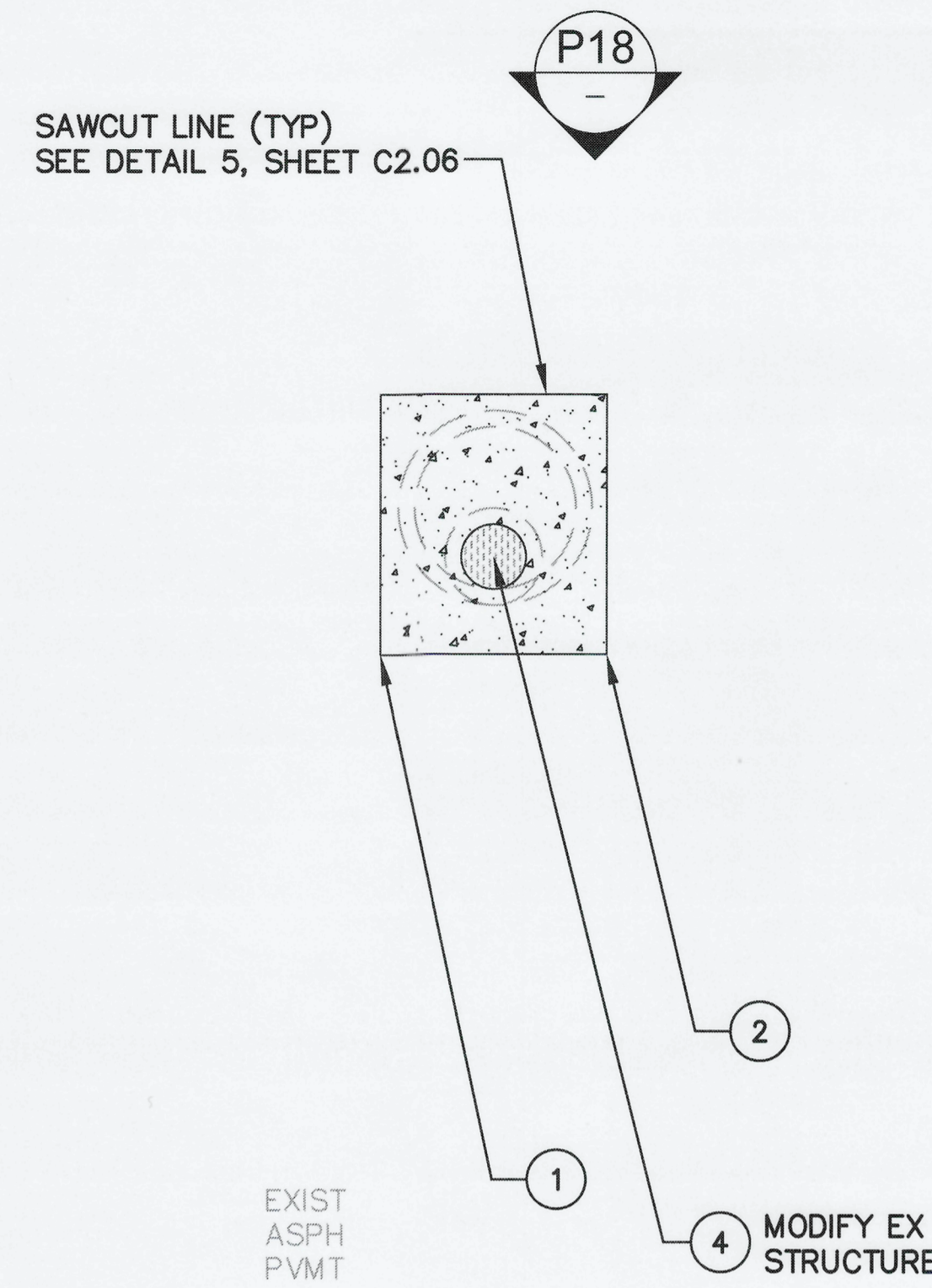


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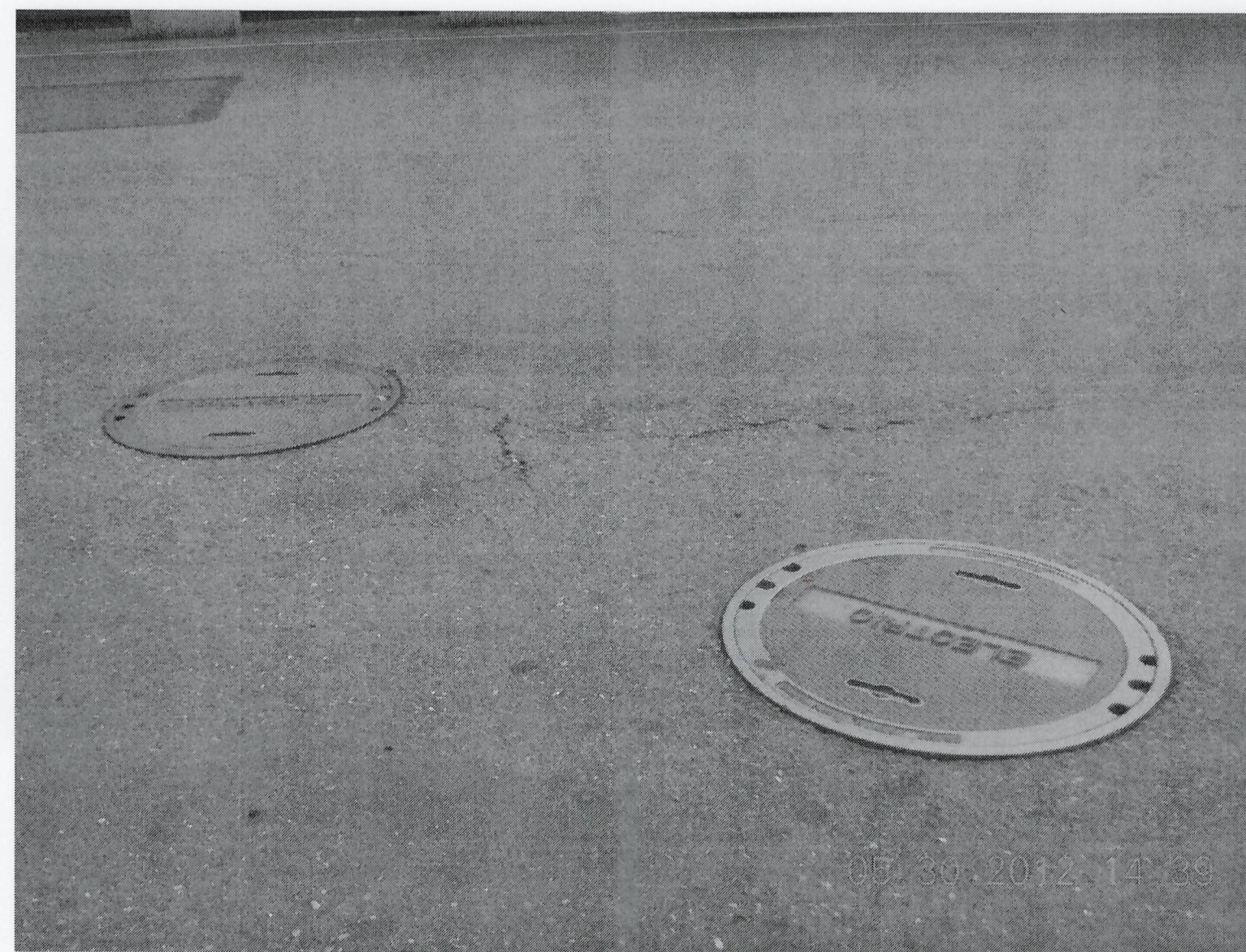
 Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401-1837	DATE: _____ APPR: _____
	BY: _____ REVISION: _____
 TACOMA, WA 98401-1837	
N. COLSON 2/16/24 CHECKED BY: DATE: 2/16/24	A. PATTERSON 2/16/24 PROJ. ENGR DATE: 2/16/24
APPROVED: <i>T. Howard</i> T. HOWARD DIRECTOR ENG. DATE: 2/16/24 PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	
PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 ENLARGED UTILITIES PLAN 03	
TOWNSHIP: 20N RANGE: 3E SECTION: _____ DAT-HRZ: NAD83 / 2007 VERT: MLLW	DRAWING SCALE: AS NOTED
6699 C1.03 SHEET 7 OF 16 CONT/CONS: 072084 M. ID: 201038.02 PHASE: BID SET	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



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



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



P17 TYPICAL PV & SV



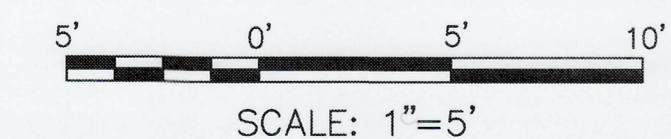
P18 TYPICAL CB

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:

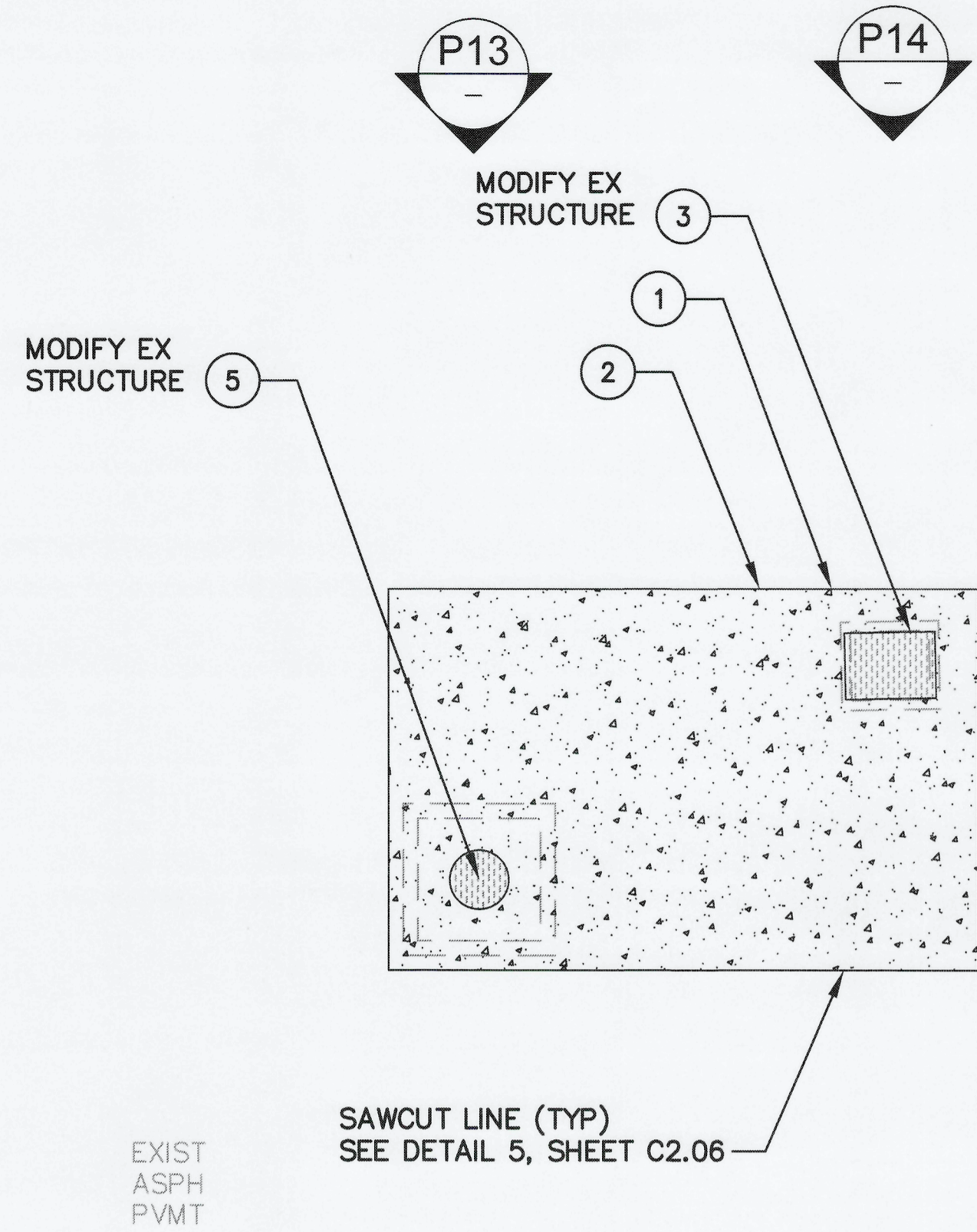
1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



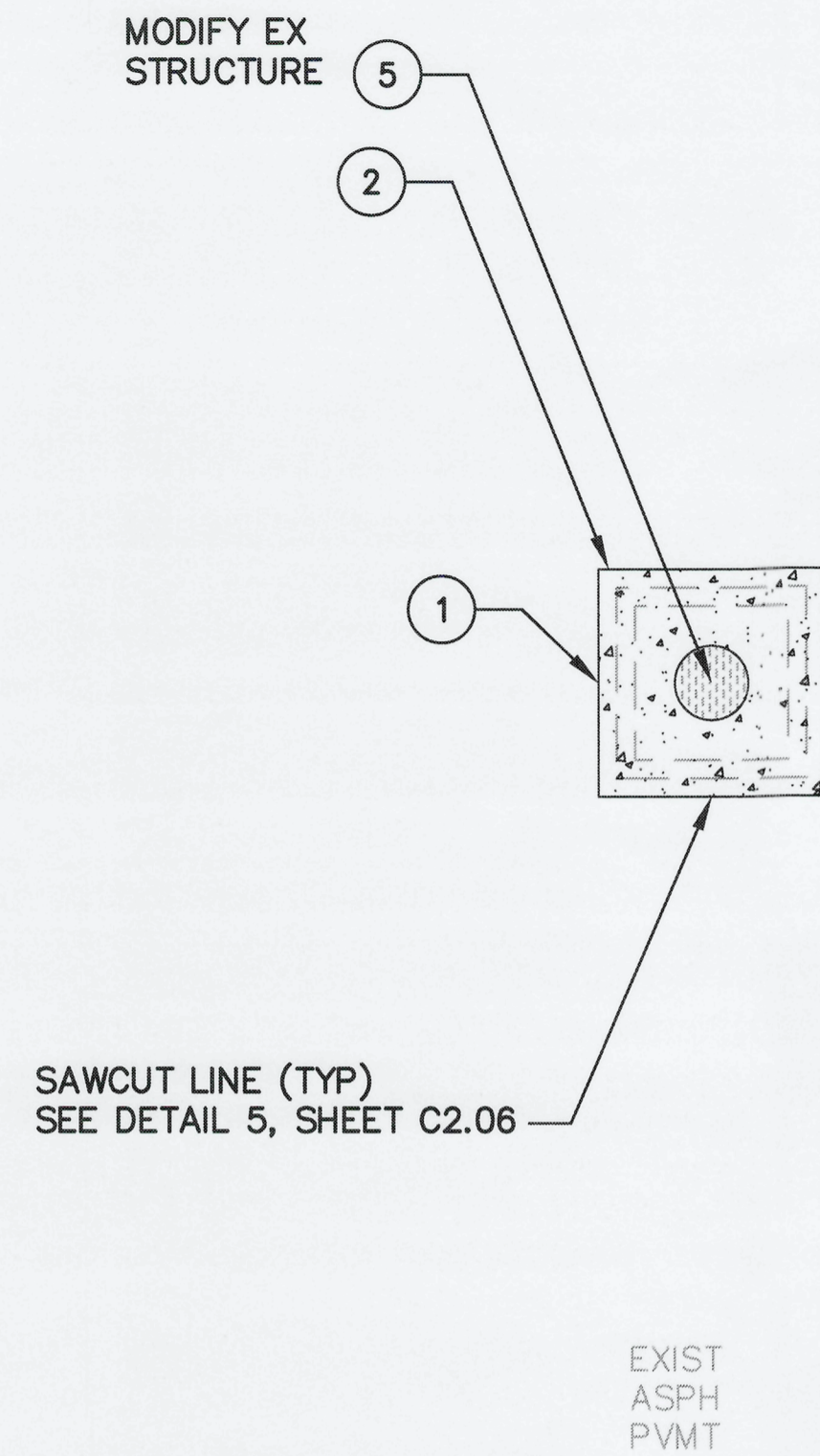
6699 C1.04 SHEET 8 OF 16 CONT./CONS: 072084 M. ID: 201038.02 PHASE: BID SET	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 ENLARGED UTILITIES PLAN 04		TOWNSHIP: 20N RANGE: 3E DAT-HRZ: NAD83/2007 VERT: MLLW PARCEL:	DRAWING SCALE: AS NOTED
	APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR ENG. DATE: 02/16/24 PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	N. COLSON 2/16/24 CHECKED BY DATE A. PATTERSON 2/16/24 PROJ. ENGR DATE DATE 2/16/2024		

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BINDING EDGE



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



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

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.



P13 CPV



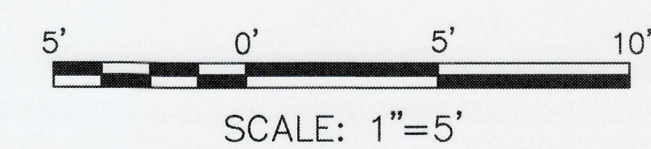
P14 TYPICAL CB



P15 TYPICAL FOV

NOTES:

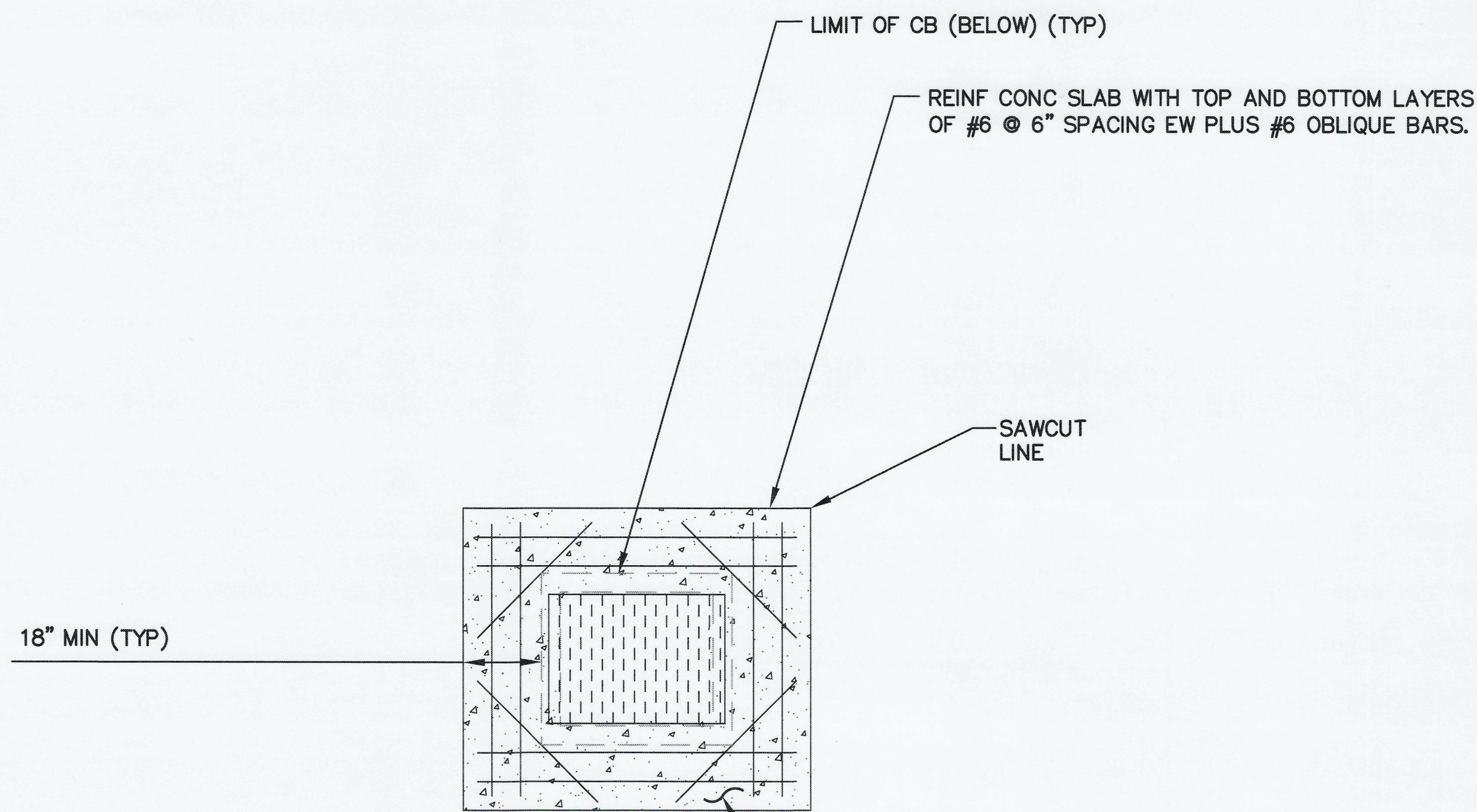
1. EXISTING STRUCTURES ARE SHOWN AT ESTIMATED LOCATIONS, SIZE AND CONFIGURATION. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS.
2. NOT EVERY STD CONSTRUCTION NOTE IS USED ON EVERY SHEET.
3. PROTECT WORK AREAS PER DETAIL 7, SHEET C2.06.



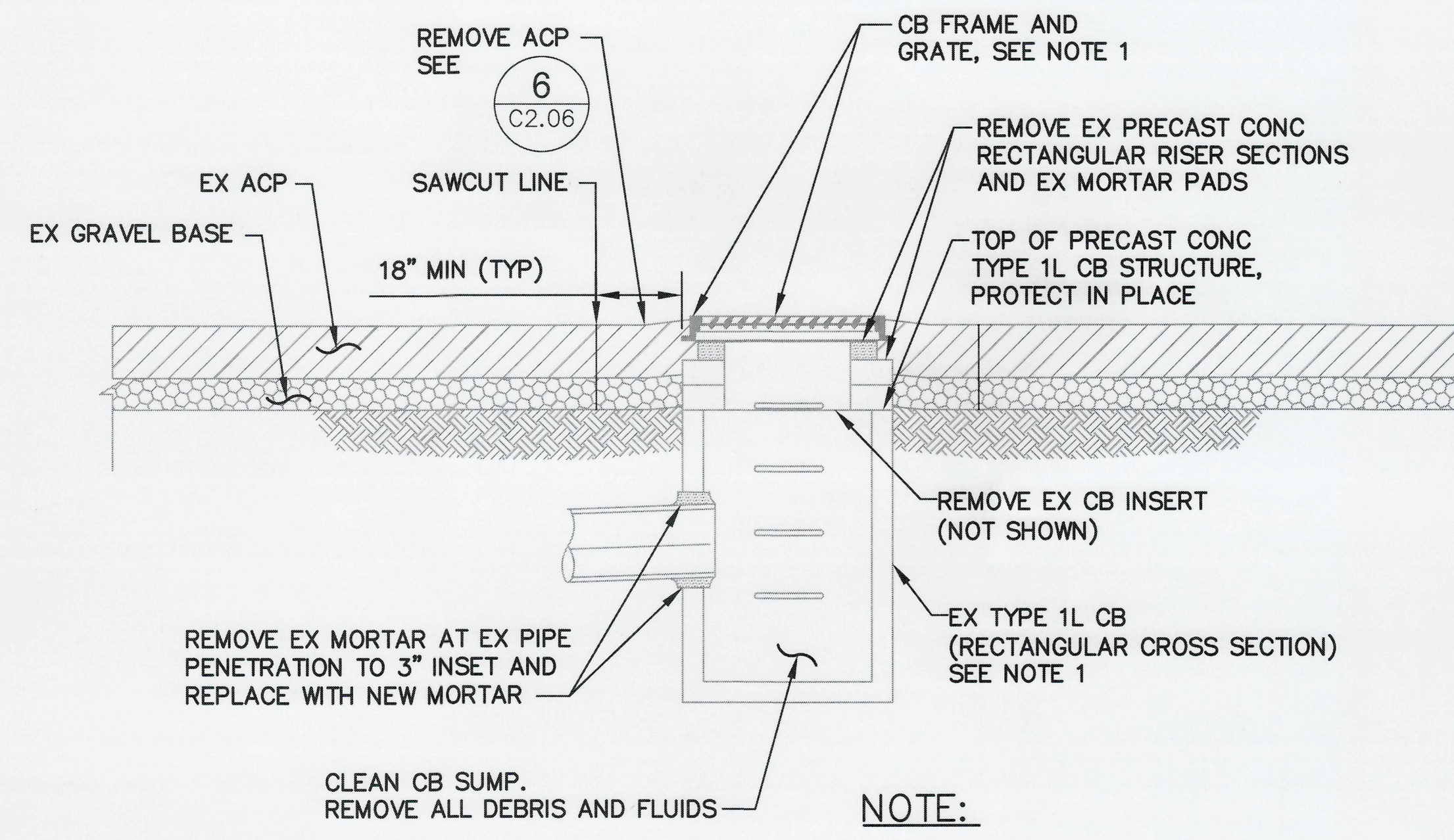
	DATE: _____ APPR: _____
	BY: _____ REVISION: _____
N. COLSON 2/16/24 CHECKED BY DATE	A. PATTERSON 2/16/24 PROJ. ENGR DATE
DIRECTOR T. HOWARD PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	
PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 ENLARGED UTILITIES PLAN 05	TOWNSHIP: 20N RANGE: 3E SECTION: DAT-HRZ: NAD83 / 2007 VERT: MLLW PARCEL: _____
6699 C1.05 SHEET 9 OF 16	M. ID: 201038.02 PHASE: BID SET

PORT OF TACOMA FILE: Q:\SEA\10909-1820 CADD_Active_SheetSet-2024\071898-C1.01-C1.07

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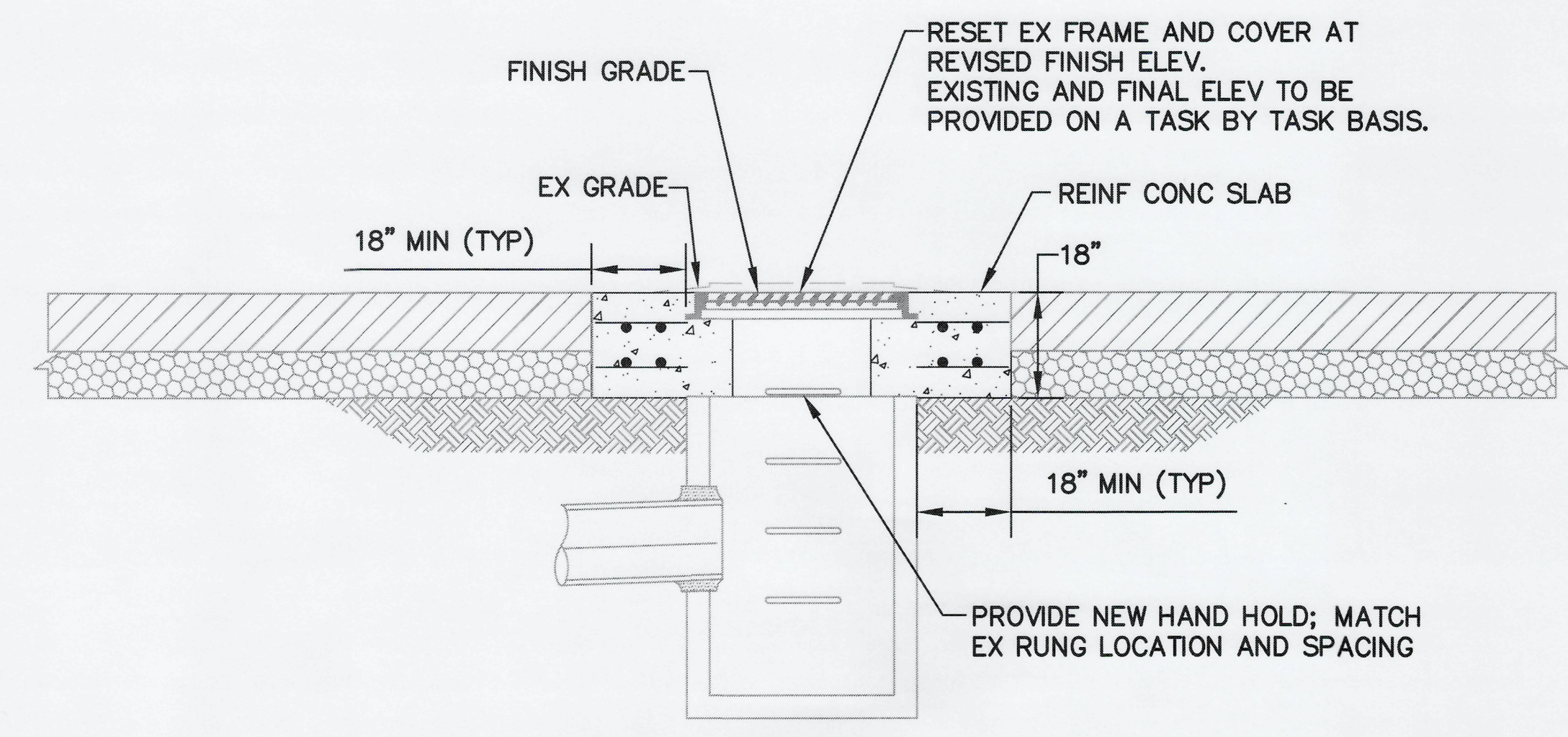


PLAN
SCALE: 1"=2'



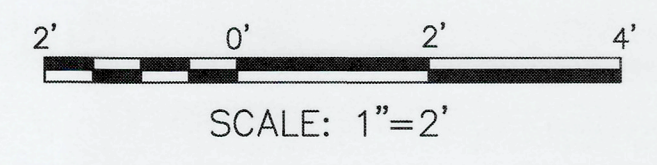
NOTE:
1. DIMENSIONS OF EXISTING FRAMES AND GRATES ARE APPROX 27" X 37"; INTERNAL DIMENSIONS OF TYPE 1L CB ARE 28" X 32".

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



SECTION - FINISH CONDITION
SCALE: 1"=2'

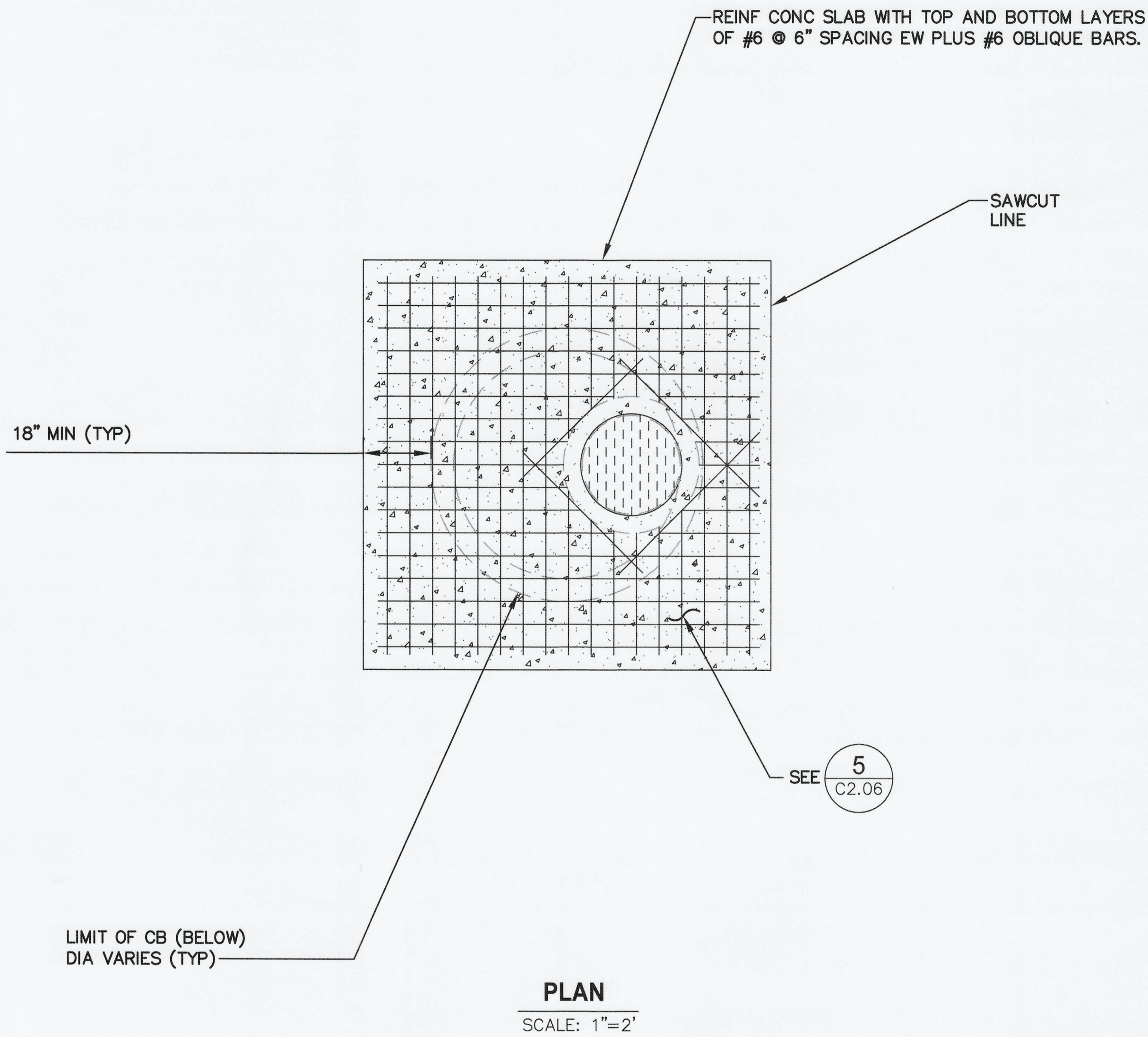
1 TYPICAL REHABILITATION OF TYPE 1L CB



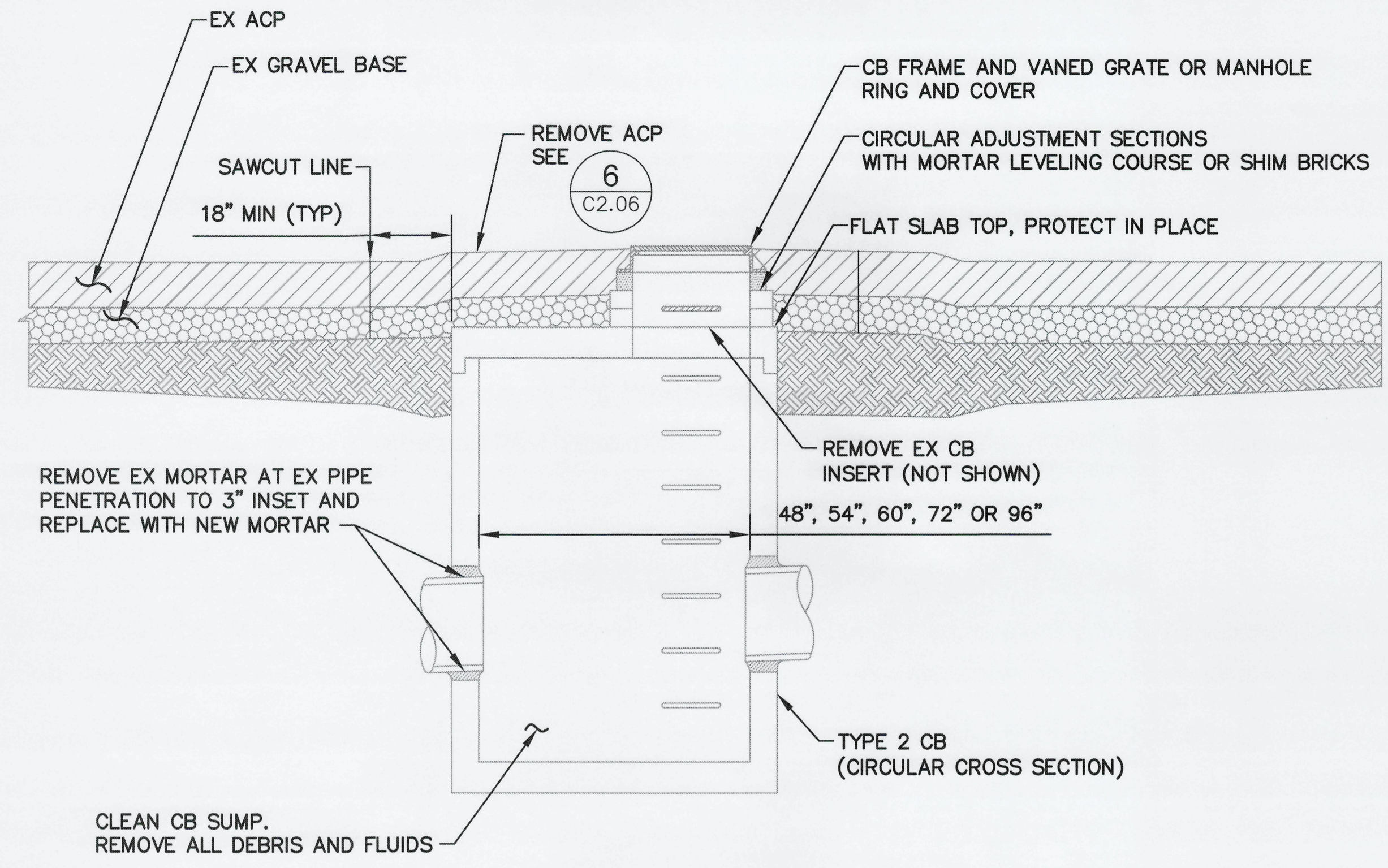
 Port of Tacoma P.O. BOX 1807 TACOMA, WA 98401-0387	APPR: _____ DATE: _____ BY: _____ REVISION: _____ MARK: _____
	 T. HOWARD DIRECTOR ENG. DATE: 2/16/24 PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837
6699 C2.01 SHEET 10 OF 16 CONT./CONS: 072084 M. ID: 201038.02 PHASE: BID SET	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 SITE DETAILS 01 TOWNSHIP: 20N RANGE: 3E DAT-HRZ: NAD83/2007 VERT: MLLW DRAWING SCALE: AS NOTED
N. COLSON 2/16/24 CHECKED BY DATE A. PATTERSON 2/16/24 PROJ. ENGR DATE APATTERSON Feb 16, 2024 SITCUM PLAZA	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

BINDING EDGE

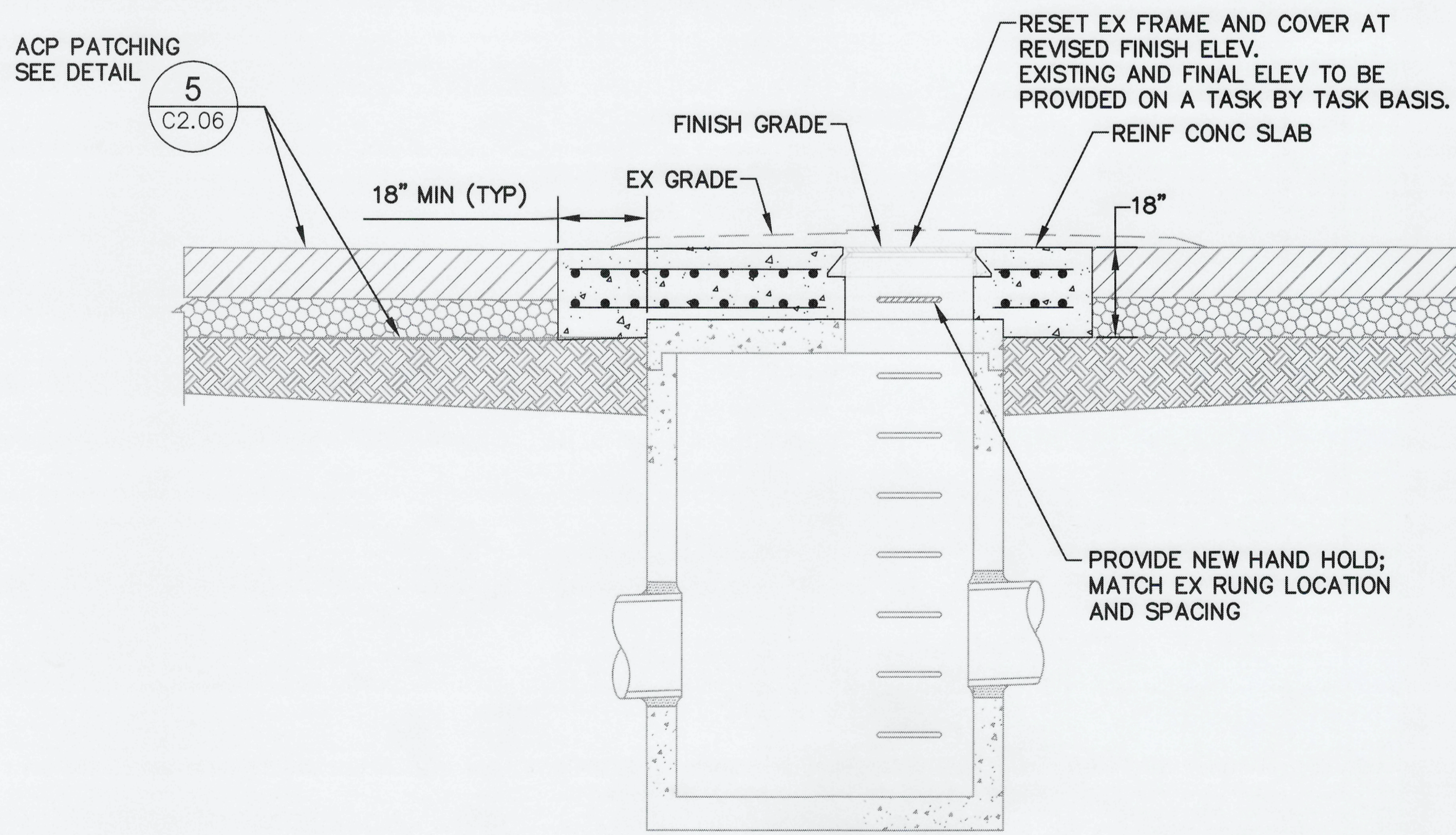
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PLAN
SCALE: 1"=2'

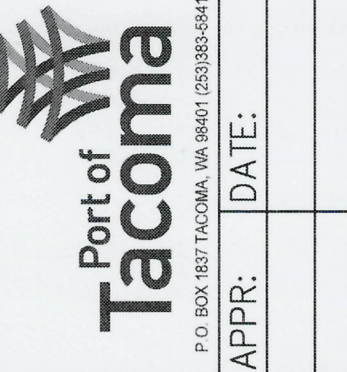
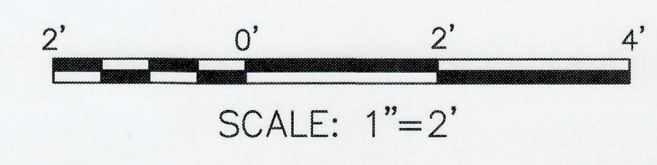


SECTION - EXISTING CONDITION
SCALE: 1"=2'

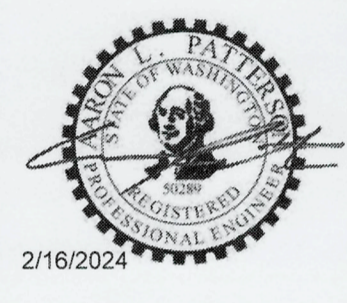


SECTION - FINISH CONDITION
SCALE: 1"=2'

2 TYPICAL REHABILITATION OF TYPE 2 CB
VARIES



moffatt & nichol
 600 UNIVERSITY STREET, SUITE 610
 SEATTLE, WA 98101
 (206) 422-0222

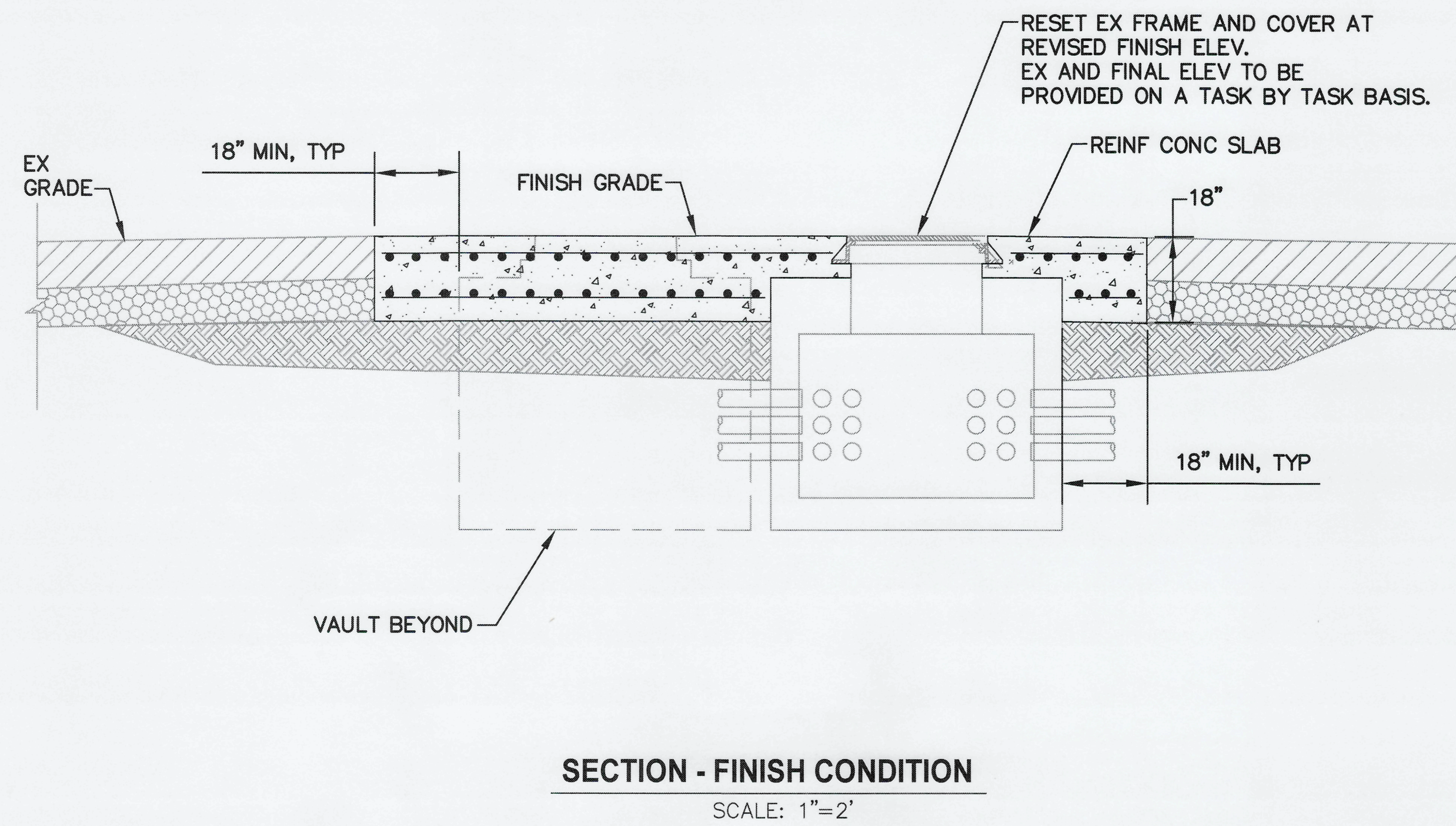
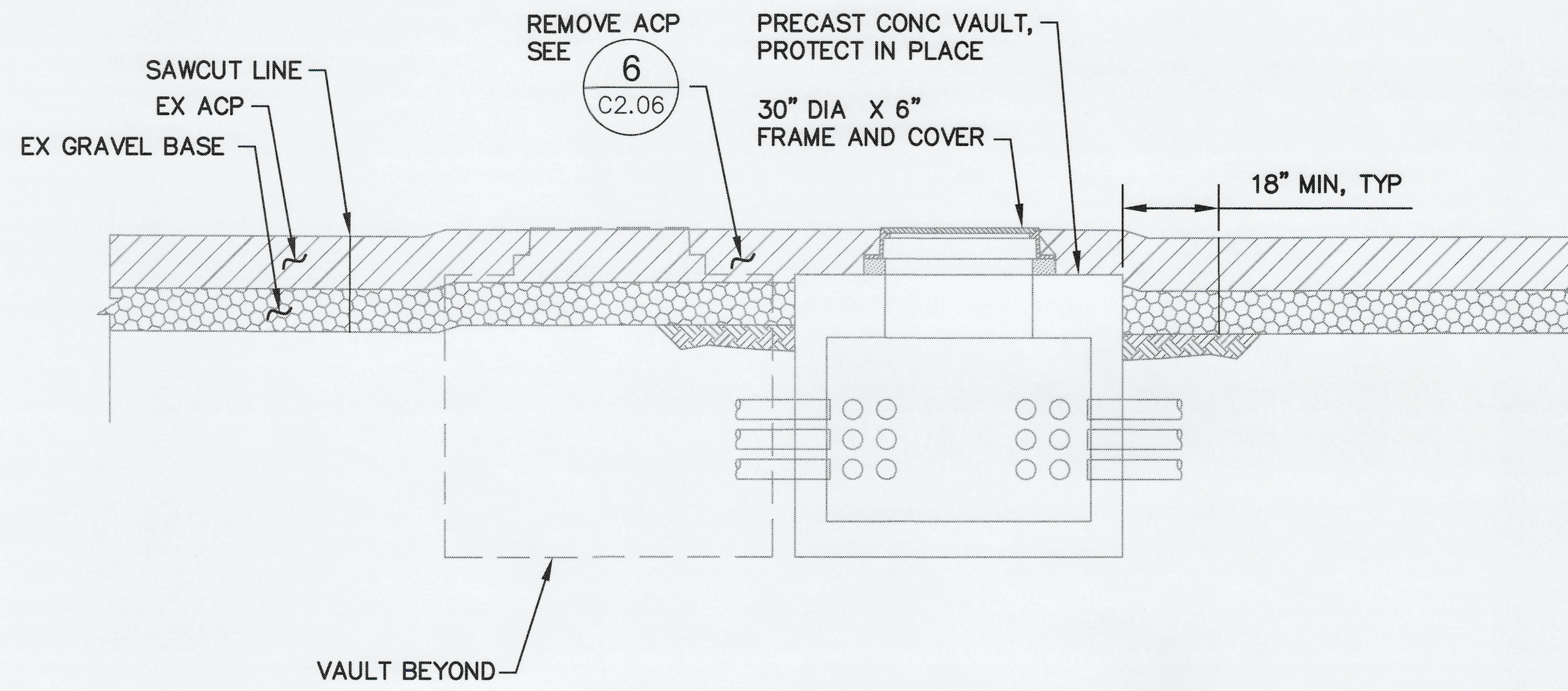
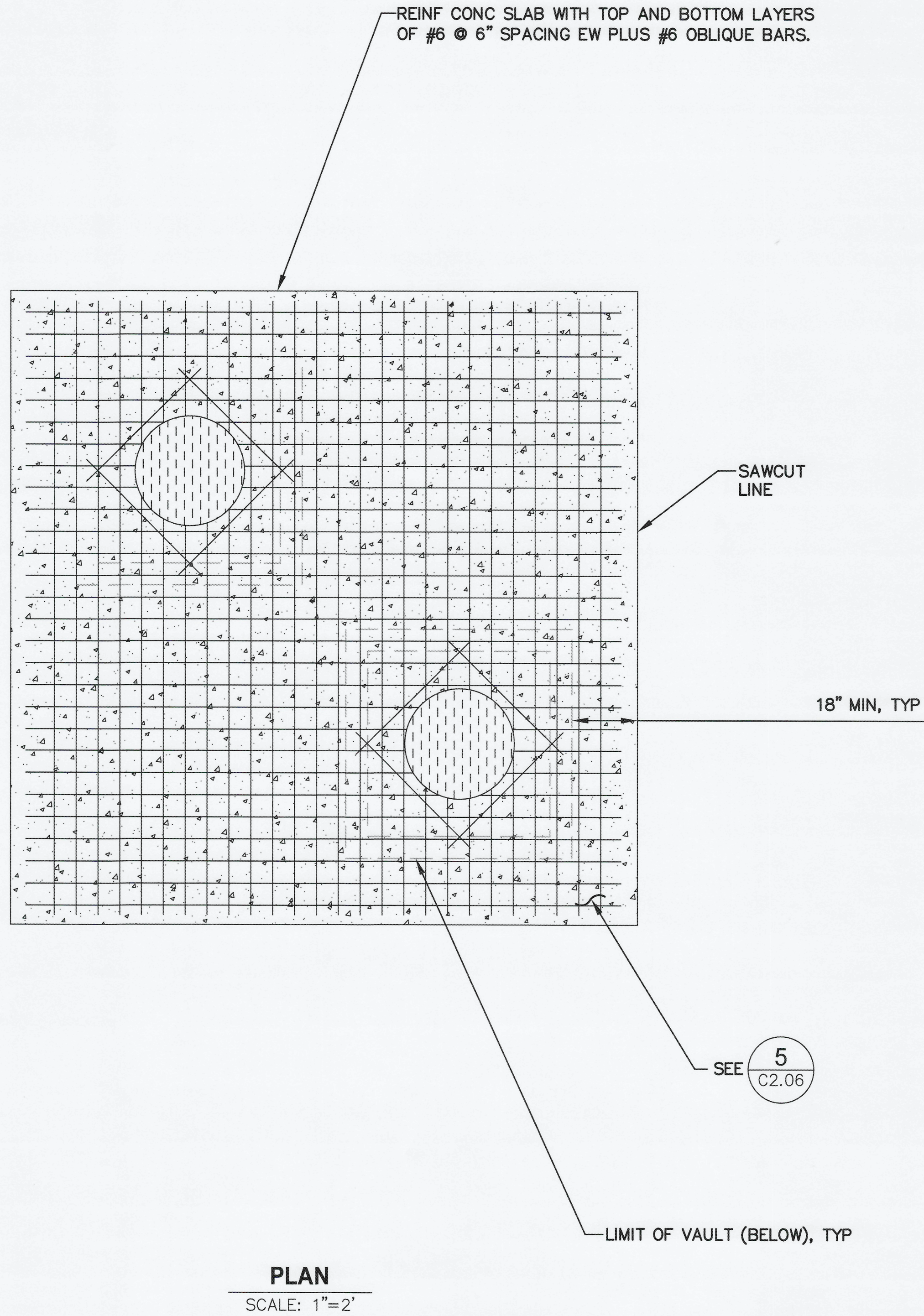


APPROVED: *T. Howard*
 T. HOWARD
 DIRECTOR ENGR. DATE: 2/16/24
 PRINTED BY: apatterson Feb 16, 2024
 PORT ADDRESS: ONE SITCUM PLAZA
 TACOMA, WA 98401-1837

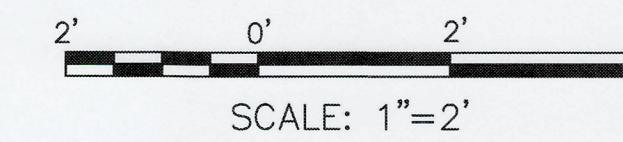
PIERCE COUNTY TERMINAL
OPERATIONAL PAVEMENT REPAIRS 2024
 SITE DETAILS 02

6699
C2.02
 SHEET 11 OF 16
 CONT/CONS: 072084
 M. ID: 201038.02
 PHASE: BID SET

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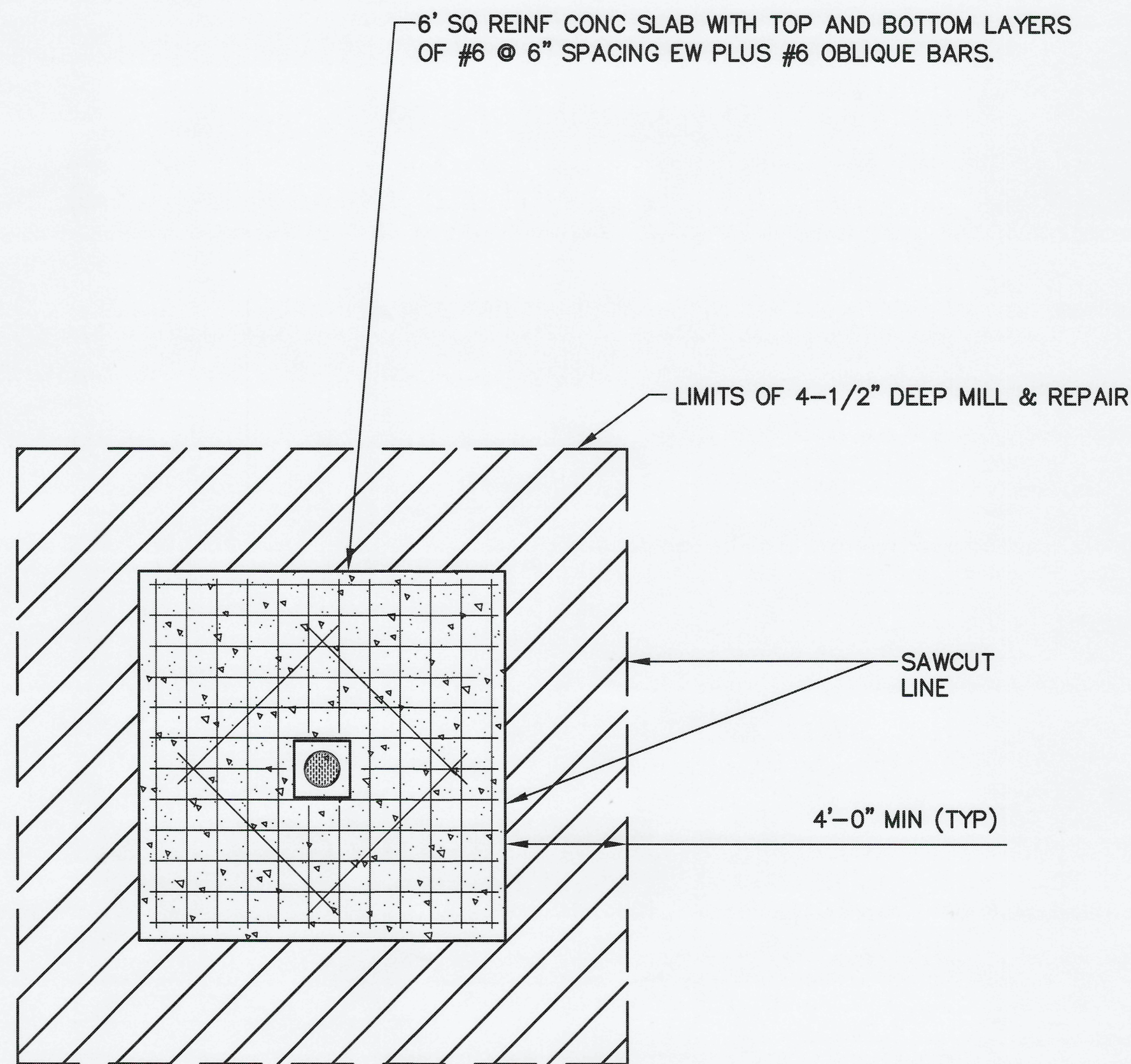


3 TYPICAL REHABILITATION OF VAULT
VARIES

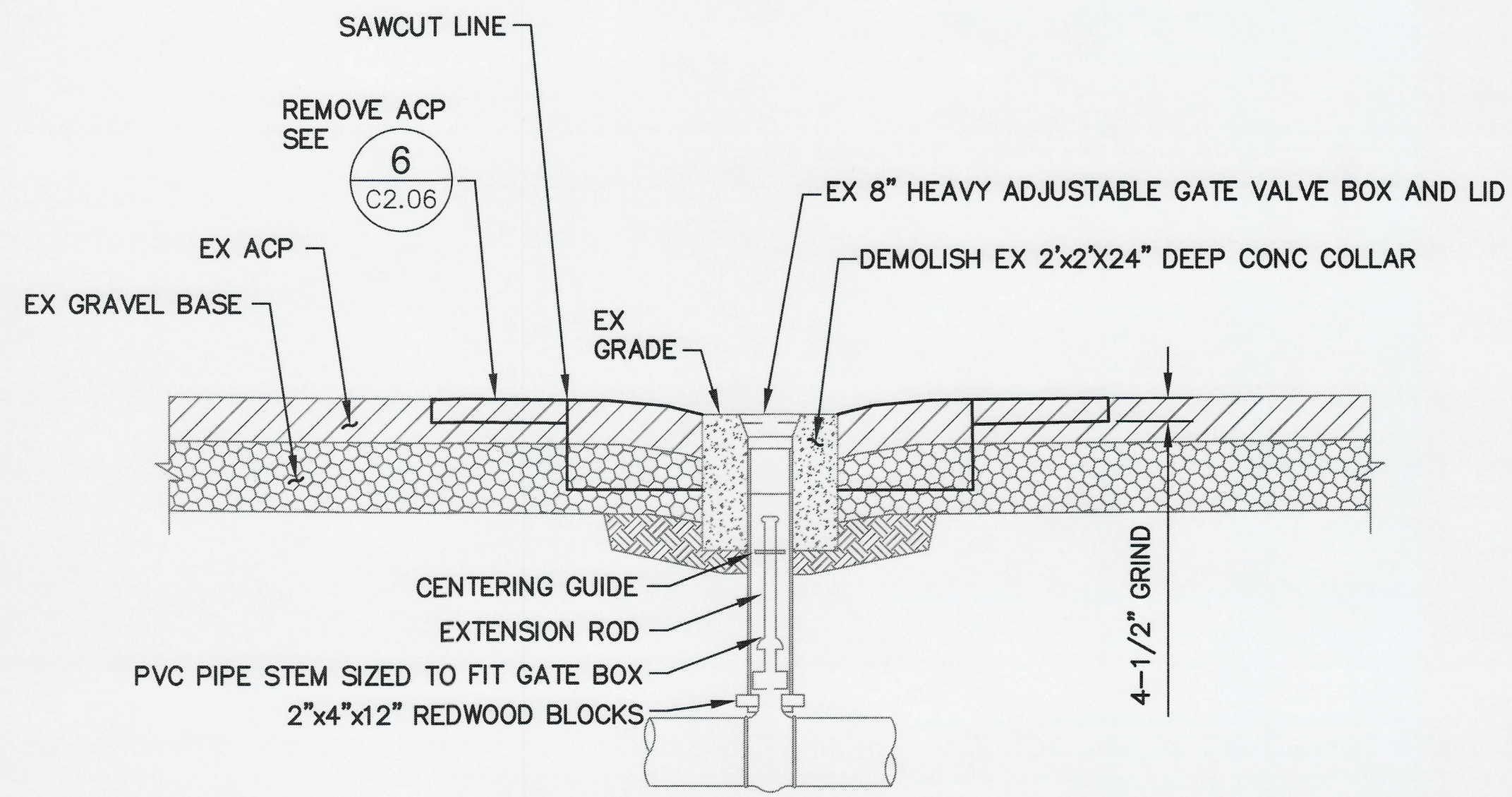


<p>Port of Tacoma P.O. BOX 3837 TACOMA, WA 98401-3837</p>	<p>moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 SEATTLE, WA 98101 (206) 422-0222</p>	<p>APPR: _____ DATE: _____</p> <p>BY: _____</p> <p>REVISION: _____</p>
	<p>2/16/2024</p>	<p>APPROVED: <i>T. Howard</i> T. HOWARD DIRECTOR ENGR. DATE: 2/16/24 PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837</p>
<p>6699 C2.03 SHEET 12 OF 16</p>	<p>TOWNSHIP: 20N RANGE: 3E SECTION: _____ M. ID: 201038.02 DATE: HRZ:NAD83/2007 VERT: MLLW PARCEL: _____ DRAWING SCALE: AS NOTED</p>	<p>CONTRACT: 072084 M. ID: 201038.02 PHASE: BID SET</p>

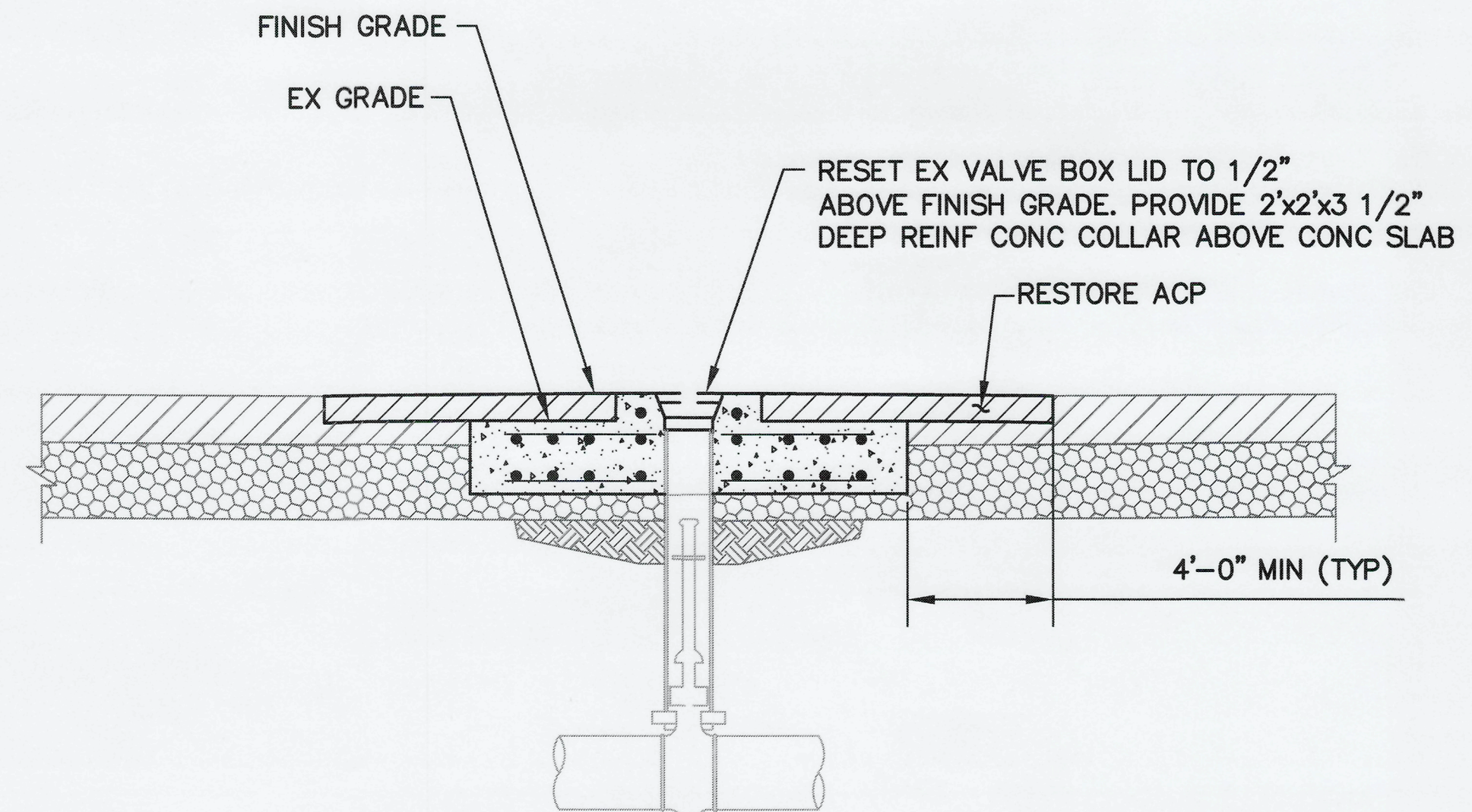
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PLAN
SCALE: 1"=2'



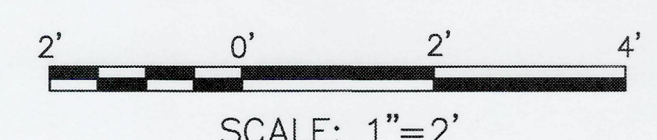
SECTION - EXISTING CONDITION AND PREPARATION
SCALE: 1"=2'



SECTION - FINISH CONDITION
SCALE: 1"=2'

4
VARIES

TYPICAL REHABILITATION OF WATER VALVE BOX



6699 C2.04 SHEET 13 OF 16 CONT./CONS: 072084 M. ID: 201038.02 PHASE: BID SET	PIERCE COUNTY TERMINAL OPERATIONAL PAVEMENT REPAIRS 2024 SITE DETAILS 04		APPROVED: <i>[Signature]</i> T. HOWARD DIRECTOR ENG. DATE: 2/16/24 PRINTED BY: apatterson Feb 16, 2024 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837	N. COLSON 2/16/24 CHECKED BY DATE A. PATTERSON 2/16/24 PROJ. ENGR DATE Feb 16, 2024	moffatt & nichol 600 UNIVERSITY STREET, SUITE 610 TACOMA, WA 98401 (253) 426-0222	Port of Tacoma P.O. BOX 3507 TACOMA, WA 98403-3544
	TOWNSHIP: 20N DAT-HRZ: NAD83/2007 RANGE: 3E SECTION: MLLW VERT: PARCEL:	MARK: REVISION: BY: DATE: APPR: DATE:	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			

