

Lake to Sound Trail, Segment C – Burien - Rebid

Contract KC001009

RCO Project Agreement No. 18-1691D

Project No. 1143493

Volume 4 of 4

Contract Plans

November 2023

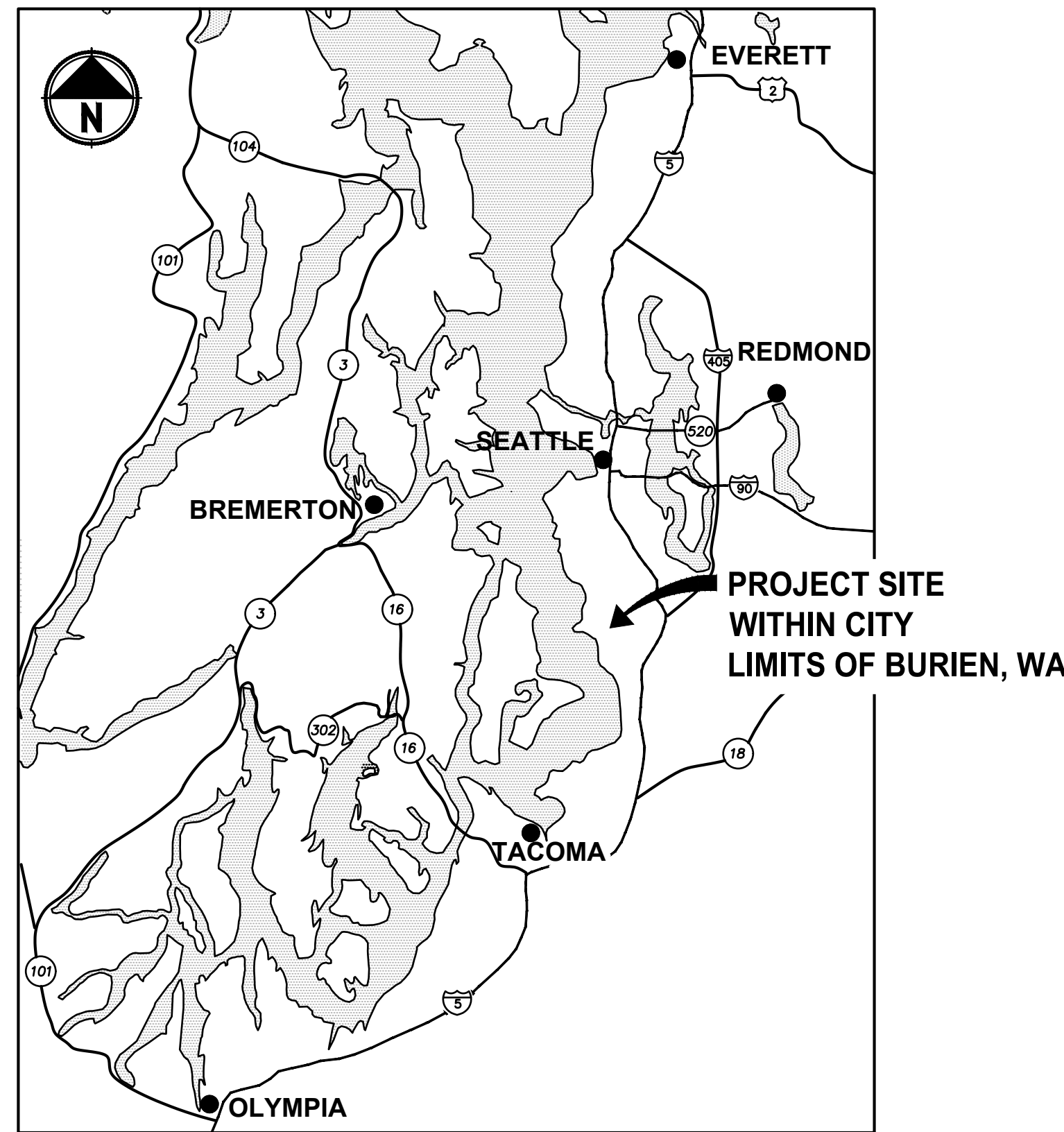


King County

Department of Natural Resources and Parks
Parks and Recreation Division

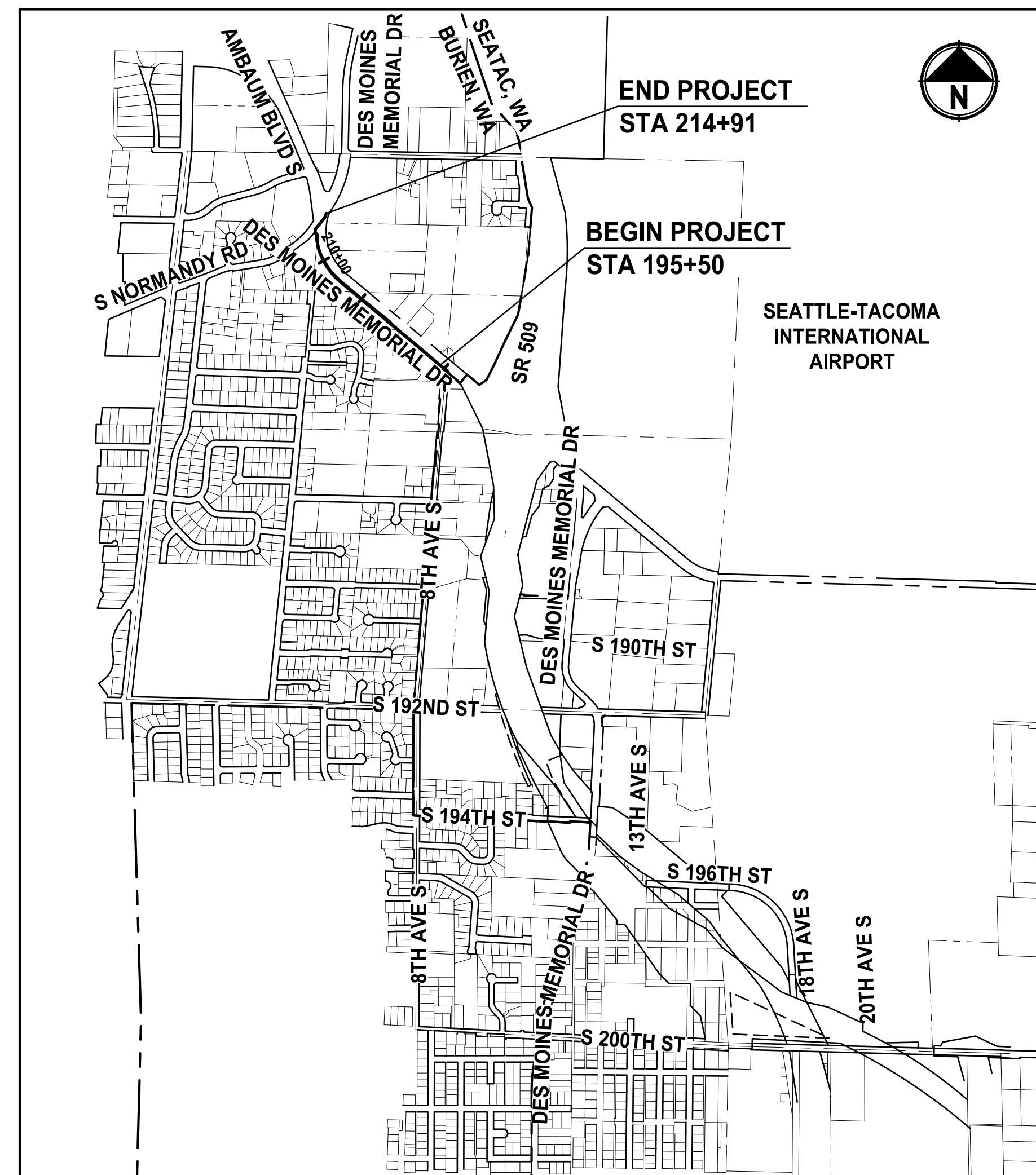
LAKE TO SOUND TRAIL SEGMENT C - BURIEN - REBID

SCHEDULE A: FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION KING COUNTY, WASHINGTON



LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

| MASTER INDEX TO DRAWINGS | |
|--------------------------|-----------------|
| SCHEDULE A | SHEETS 1 TO 39 |
| SCHEDULE B | SHEETS 40 TO 45 |

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PATH: \\parametrix.com\psd\Projects\Clients\1521-151 L2S1-SegC\985Ves\CADD\Phase 2C\Task 21200C\DWG-Burien\ LAYOUT: G1 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:00:24 PM

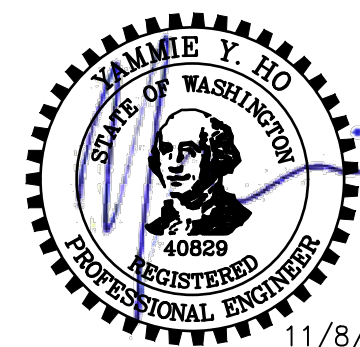
| REVISIONS | DATE | BY | DESIGNED Y. HO |
|-----------|------|----|-----------------------|
| | | | DRAWN B. PURGANAN |
| | | | CHECKED J. DVORAK |
| | | | APPROVED J. BAILEY |

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
PS1521151P2CT2T2G-01

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



11/8/23

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PROJECT NAME

**LAKE TO SOUND TRAIL
SEGMENT C - BURIEN**

FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

COVER SHEET

SHEET NO.
1 OF 45

G1

LAYOUT: G2 PATH: \\parametrix.com\jrm\PSO\Projects\Clients\1521-151 L2S1-SegC\99Sves\CADD\Phase 2C\Task 2T200C\DWG-Burien\ PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:00:38 PM

ABBREVIATIONS:

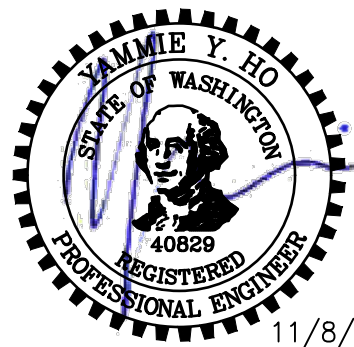
| | | | |
|-----------|--|------------|---|
| ACP | ASPHALT CONCRETE PAVEMENT | NW | NORTHWEST |
| APPROX | APPROXIMATE | O.C. | ON CENTER |
| BOC | BACK OF CURB | PC | POINT OF CURVE |
| BOW | BACK OF SIDEWALK | POS | PORT OF SEATTLE |
| BVCE | BEGIN VERTICAL CURVE ELEVATION | PT | POINT OF TANGENT |
| BVCS | BEGIN VERTICAL CURVE STATION | P/L | PROPERTY LINE |
| CB | CATCH BASIN | PUD | PUBLIC UTILITY DISTRICT |
| C&G | CURB AND GUTTER | PVI | POINT OF VERTICAL INTERSECTION |
| C/L | CENTERLINE | ROW or R/W | RIGHT-OF-WAY |
| CO | CLEANOUT | SD | STORM DRAIN |
| CONC | CONCRETE | SDMH | STORMWATER MANHOLE |
| CONST | CONSTRUCTION | SE | SOUTHEAST |
| CMP | CORRUGATED METAL PIPE | SEC | SECTION |
| CP | CONCRETE PIPE | SHLDR | SHOULDER |
| CSTC | CRUSHED SURFACING TOP COURSE | SPU | SEATTLE PUBLIC UTILITIES |
| DIA | DIAMETER | SS | SANITARY SEWER |
| DI, DIP | DUCTILE IRON PIPE | STA | STATION |
| E | EAST, EASTING | T | TELEPHONE |
| EL, ELEV | ELEVATION | TDA | THRESHOLD DISCHARGE AREA |
| EOA | EDGE OF ASPHALT | TEL | TELEPHONE |
| EVCE | END VERTICAL CURB ELEVATION | TESC | TEMPORARY EROSION AND SEDIMENT CONTROL |
| EVCS | END VERTICAL CURB STATION | TYP | TYPICAL |
| EOG | EDGE OF GRAVEL | UD | UNDERDRAIN |
| EOP | EDGE OF PAVEMENT | VERT | VERTICAL |
| EX, EXIST | EXISTING | W | WATER |
| FIG | FIGURE | WM | WATER METER |
| FOC | FACE OF CURB | WS | WATER SERVICE |
| FL | FLANGE, FLOWLINE | WSDOT | WASHINGTON STATE DEPARTMENT OF TRANSPORTATION |
| G | GAS | | |
| GB | GRADE BREAK | | |
| HMA | HOT MIX ASPHALT | | |
| HORIZ | HORIZONTAL | | |
| HWD | HIGHLINE WATER DISTRICT | | |
| ID | IDENTIFICATION | | |
| IE | INVERT ELEVATION | | |
| IN | INCHES | | |
| KCDOT | KING COUNTY DEPARTMENT OF TRANSPORTATION (METRO TRANSIT) | | |
| KCRS | KING COUNTY ROAD STANDARD | | |
| KCSWDM | KING COUNTY SURFACE WATER DESIGN MANUAL | | |
| LF | LINEAR FEET | | |
| LP | LOW POINT | | |
| LT | LEFT | | |
| MAX | MAXIMUM | | |
| ME | MATCH EXISTING | | |
| MH | MANHOLE | | |
| MIN | MINIMUM | | |
| MON | MONUMENT | | |
| N | NORTH, NORTHING | | |
| N.I.C. | NOT IN CONTRACT | | |
| NO. | NUMBER | | |
| NST | NOT STEEPER THAN | | |

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| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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 FILE NAME: PS1521151P2CT2T2G-02
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

ABBREVIATIONS AND INDEX

SHEET NO.
 2 OF 45
G2

LAYOUT: G3 PATH: \\parametrix.com\jrm\PSO\Projects\Clients\1521-KingCo\554-1521-151-L251-SEG-C\99Sves\CADD\Phase 2C\Task 21200C\DWG-Burien\ PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:00:43 PM

LEGEND

| DESCRIPTION | PROPOSED | EXISTING |
|--|-----------|-----------|
| RIGHT OF WAY | — R/W — | — R/W — |
| PROPERTY LINE | — P/L — | — P/L — |
| CITY BOUNDARY | — | — |
| FOUND MONUMENTS | | ⊕ ⊗ |
| REBAR & CAP | | ○ |
| HUB & TACK | | □ |
| PK NAIL | | × |
| FOUND MAG NAIL | | ✦ |
| SET MAG NAIL | | ✦ |
| PROPERTY CORNER | | ● |
| STREAM | → → → → → | → → → → → |
| EDGE OF WATER | — | — |
| WETLAND FLAG | | ▬ |
| ORDINARY HIGH WATER MARK | — | — |
| DITCH | → → → → → | → → → → → |
| STORM DRAIN | | — SD — |
| CULVERT/STORM DRAIN PIPE | ▬ | ▬ |
| UNDERDRAIN PIPE | — UD — | |
| INFILTRATION TRENCH | ▬ | |
| CATCH BASIN TYPE 1, CATCH BASIN TYPE 1L, CURB INLET, CURB INLET W/ 24" RISER, COMBO INLET FRAME-GRATE-CURB BOX | ■ | ■ |
| CATCH BASIN TYPE 2 | ■ | ■ |
| CATCH BASIN W/ SOLID LID | ■ | ■ |
| SANITARY SEWER LINE | | — SS — |
| SANITARY SEWER MANHOLE | ⊙ | ⊙ |
| SANITARY SEWER VAULT | | ▬ |
| CLEANOUT | ● | ⊙ |
| CONTOURS MAJOR | — 10 — | — 10 — |
| CONTOURS MINOR | — 2 — | — 2 — |
| CLEARING AND GRUBBING LIMITS | — CG — | |
| CLEARING LIMITS | — CLR — | |
| FILL LINE | — F — | |
| CUT LINE | — C — | |
| SAWCUT LINE | ▬ | |
| ASPHALT EDGE | ▬ | ▬ |
| CONCRETE LINE | ▬ | ▬ |
| CURB AND GUTTER | ▬ | ▬ |
| EDGE OF PATCH | ▬ | ▬ |
| EDGE OF GRAVEL | ▬ | ▬ |
| BARB WIRE FENCE | — X — | — X — |
| SPLIT RAIL FENCE | — // — | — // — |
| BOARD FENCE | — □ — | — □ — |
| CHAIN LINK FENCE | — ○ — | — ○ — |
| HOG WIRE FENCE | — ○ — | — ○ — |
| WOOD GUARDRAIL | ▬ | ▬ |

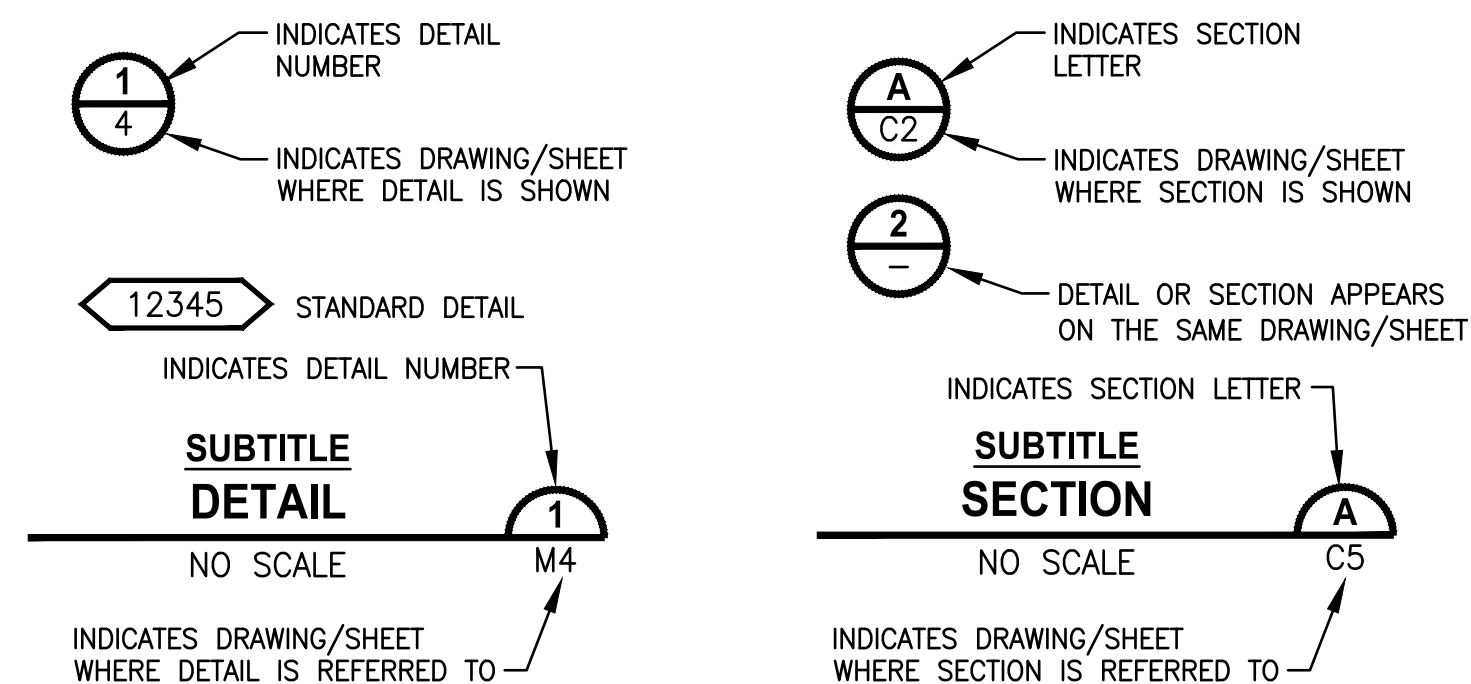
LEGEND

| DESCRIPTION | PROPOSED | EXISTING |
|-----------------------------|----------|----------|
| GUY ANCHOR | | → |
| POWER POLE WITH LIGHT | | ⊙ |
| FLOOD LIGHT | | ⊙ |
| UTILITY POLE | ● | ○ |
| PP W/ UG DROP | | ⊙ |
| PP W/ UG DROP & XMFR | | ⊙ |
| OVERHEAD POWER | | — OP — |
| POWER | | — P — |
| POWER VAULT | | ▬ |
| POWER TRANSFORMER | | ▬ |
| POWER MANHOLE | | ⊙ |
| POWER HANDHOLE | | ⊙ |
| POWER CABINET | | ▬ |
| POWER RISER | | ▬ |
| POWER METER | | ▬ |
| SOLID LID J-BOX | | ▬ |
| LUMINAIRE | ✦ | ✦ |
| TELEPHONE VAULT | | ▬ |
| TELEPHONE RISER | | ▬ |
| TELEPHONE MANHOLE | | ▬ |
| TELEPHONE | | — T — |
| TV RISER | | ▬ |
| TV | | — TV — |
| GAS VALVE | | ▬ |
| GAS METER | | ▬ |
| GAS | | — G — |
| WATER LINE | | — W — |
| FIRE HYDRANT AND VALVES | | ⊙ |
| WATER METER | | ▬ |
| WATER VALVE | | ▬ |
| AREA DRAIN | | ▬ |
| ROOF DRAIN | | ⊙ |
| WATER BLOW OFF VALVE | | ⊙ |
| WATER POST INDICATOR | | ▬ |
| SPRINKLER HEAD ROT=90 | | ⊙ |
| IRRIGATION CONTROL VALVE | | ▬ |
| TRAFFIC SIGNAL POLE W/ LAMP | | ⊙ |
| TRAFFIC SIGNAL POLE | | ⊙ |
| TRAFFIC CONTROL LOOP (SQ) | | ▬ |
| TRAFFIC CONTROL CABINET | | ▬ |
| PEDESTRIAN POLE | | ⊙ |
| MONITORING WELL | | ⊙ |
| SURFACE POST | | ⊙ |
| SIGN | | ⊙ |

LEGEND

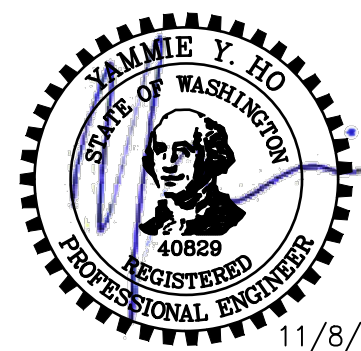
| DESCRIPTION | PROPOSED | EXISTING |
|--------------------------|---------------|----------|
| SKIP LANE LINE | | — |
| SOLID LANE LINE | | — |
| FOG LINE | | — |
| LTO ARROW | | → |
| STO ARROW | | ← |
| RTO ARROW | | ↶ |
| MAILBOX | ■ | ■ |
| DECIDUOUS TREE | | ⊙ |
| CONIFEROUS TREE | | ⊙ |
| WETLAND SYMBOL | | ▬ |
| WETLAND BOUNDARY | | ▬ |
| VEGETATION | | ▬ |
| STRUCTURAL EARTH WALL | ▬ | ▬ |
| LOW PROFILE BARRIER CURB | ▬ | ▬ |
| QUARRY SPALL/RIP RAP | ▬ | ▬ |
| ROCKERY | ▬ | ▬ |
| HANDICAPPED SYMBOL | | ⊙ |
| WHEELCHAIR RAMP | | ▬ |
| BUILDING LINE | | ▬ |
| CONSTRUCTION CENTERLINE | 220+00 A-LINE | |
| SANITARY SEWER LINE | | — SS — |
| STORM LINE | | — SD — |
| FIBER OPTIC LINE | | — FO — |

DETAIL AND SECTION DESIGNATION



| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
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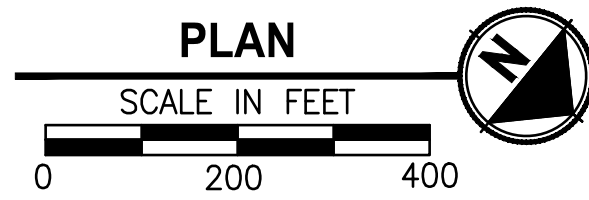
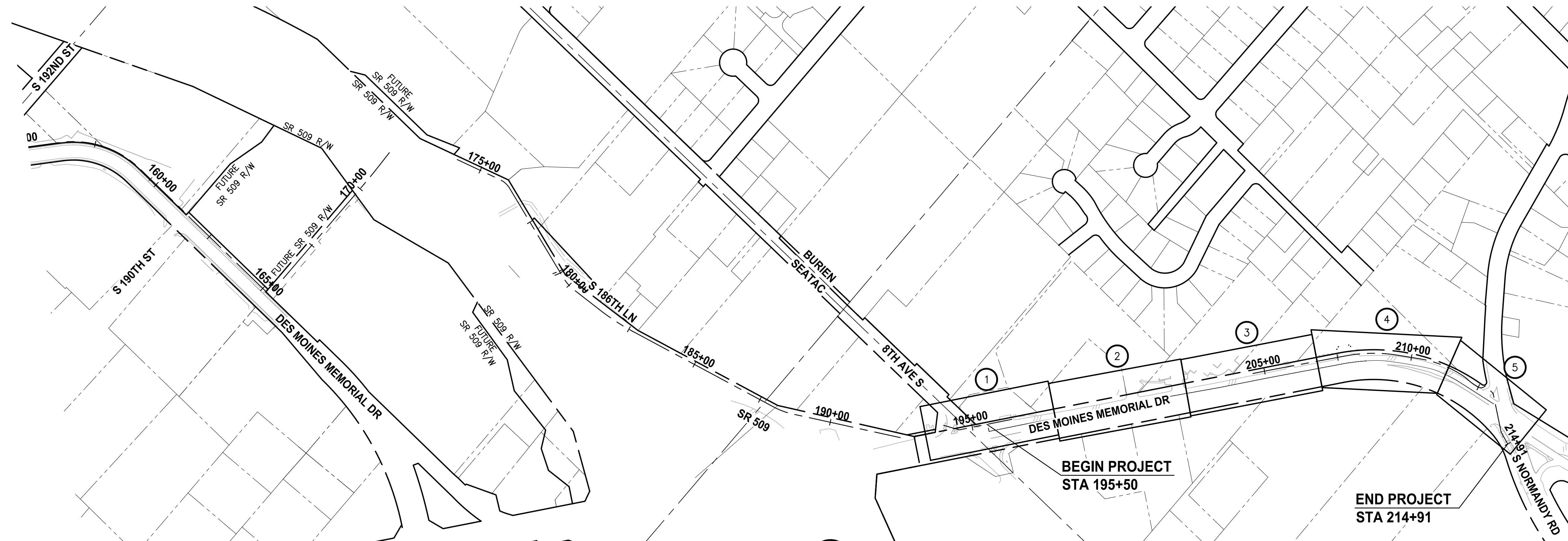
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LEGEND

SHEET NO.
 3 OF 45
G3



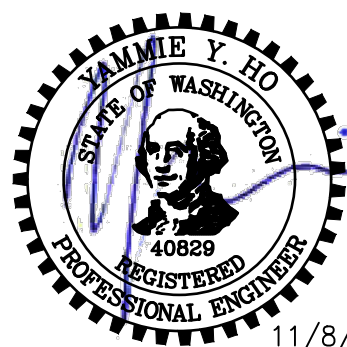
SHEET INDEX TABLE

| (X) | PLAN AND PROFILE | SITE PREPARATION/ESC/ UTILITY PLAN | PAVEMENT MARKING/SIGNING/ LANDSCAPE/ILLUMINATION PLAN |
|-----|------------------|------------------------------------|---|
| 1 | AL1 | SP1 | PS1 |
| 2 | AL2 | SP1 | PS1 |
| 3 | AL3 | SP2 | PS2 |
| 4 | AL4 | SP2 | PS2 |
| 5 | AL5 | SP3 | PS3 |

LAYOUT: G4
 PATH: \\parametrix.com\jrm\PSO\Projects\Clients\1521-KingCo\564-1521-151-L251-Seq\99Sves\CADD\Phase 2C\Task 212000\DWG-Burien\
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:00:58 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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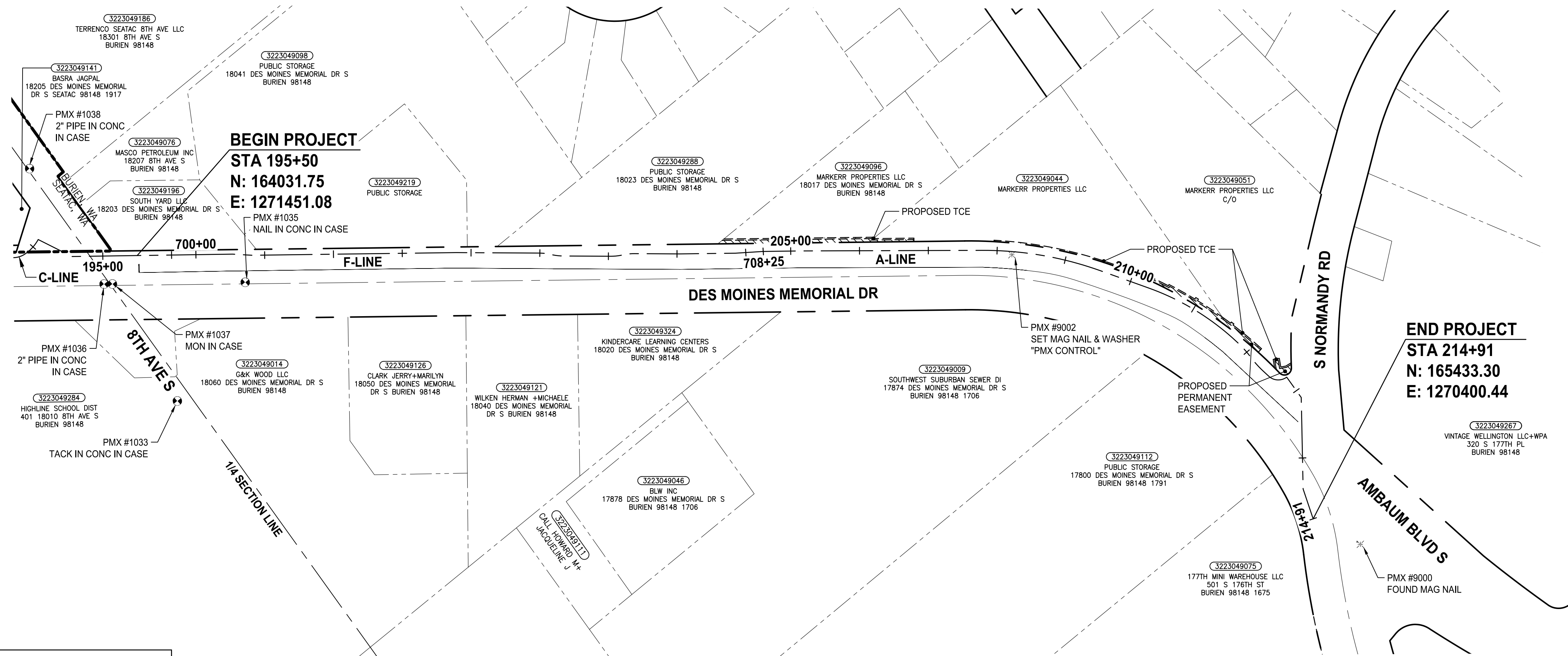
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 SEGMENT C - BURIED**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
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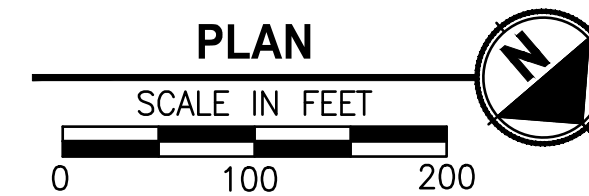
SHEET INDEX

SHEET NO.
 4 OF 45
G4

A PORTION OF THE
NW 1/4 & THE NE 1/4 SEC. 32, T22N, R4E, W.M.



| SURVEY CONTROL POINT TABLE | | | | |
|----------------------------|--------|-----------|------------|------------------------|
| POINT # | ELEV | NORTHING | EASTING | DESCRIPTION |
| 1020 | 264.03 | 160797.96 | 1273898.75 | FOUND MONUMENT IN CASE |
| 1022 | 374.34 | 160875.13 | 1271238.47 | FOUND MONUMENT IN CASE |
| 1023 | 358.00 | 160942.46 | 1268556.12 | FOUND MONUMENT IN CASE |
| 1024 | 337.16 | 163476.53 | 1268836.53 | FOUND MONUMENT IN CASE |
| 1025 | 293.08 | 165883.55 | 1269102.95 | FOUND MONUMENT IN CASE |
| 1026 | 287.19 | 165962.45 | 1271672.52 | FOUND MONUMENT IN CASE |
| 1028 | 314.93 | 163414.02 | 1271454.84 | FOUND MONUMENT IN CASE |
| 1030 | 358.38 | 157743.41 | 1274112.34 | FOUND MONUMENT IN CASE |
| 1031 | 289.40 | 157675.03 | 1276629.48 | FOUND MONUMENT IN CASE |
| 1032 | 296.39 | 159251.33 | 1273168.34 | FOUND MONUMENT IN CASE |
| 1033 | 330.41 | 164230.34 | 1271544.02 | FOUND MONUMENT IN CASE |
| 1034 | 315.70 | 162819.11 | 1272970.26 | FOUND MONUMENT IN CASE |
| 1035 | 327.04 | 164163.34 | 1271356.98 | FOUND MONUMENT IN CASE |
| 1036 | 327.81 | 164031.98 | 1271514.65 | FOUND MONUMENT IN CASE |
| 1037 | 326.67 | 164039.84 | 1271505.30 | FOUND MONUMENT IN CASE |
| 1038 | 325.29 | 163834.19 | 1271487.88 | FOUND MONUMENT IN CASE |
| 1039 | 292.93 | 159268.88 | 1272794.18 | FOUND MONUMENT IN CASE |
| 1041 | 375.98 | 157893.42 | 1271224.24 | FOUND MONUMENT IN CASE |
| 1043 | 269.88 | 160825.93 | 1272920.93 | FOUND MONUMENT IN CASE |
| 9000 | 260.21 | 165505.96 | 1270372.32 | FOUND PK NAIL |
| 9002 | 286.58 | 164857.06 | 1270483.98 | SET PK NAIL |
| 9012 | 301.67 | 158182.63 | 1274734.26 | SET REBAR & CAP |
| 9045 | 271.71 | 160203.97 | 1272918.86 | SET REBAR & CAP |



- LEGEND:**
- FOUND CASED MONUMENT OR SET CONTROL AS NOTED
 - FOUND/SET MAG NAIL & WASHER
 - RIGHT OF WAY LINE
 - PROJECT CENTERLINE
 - PARCEL LINE
 - PROPOSED R/W ACQUISITION
 - PROPOSED PERMANENT EASEMENT
 - PROPOSED TCE

SURVEY NOTES:

MONUMENTS VISITED IN AUGUST AND SEPTEMBER, 2016

HORIZONTAL DATUM:

HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983 (2011) BASED ON WASHINGTON STATE REFERENCE NETWORK, PROJECTION IS WASHINGTON STATE PLANE NORTH ZONE, U.S. SURVEY FEET

VERTICAL DATUM:

VERTICAL DATUM IS NAVD88 BASED ON OPUS OBSERVATION OF THE FOLLOWING POINTS:

PT #9000
FOUND MAG NAIL
ELEVATION: 260.21'

PT #9012
SET REBAR & CAP "PARAMETRIX CONTROL"
ELEVATION: 301.67'

RECORD NOTES:

FOR SR509 SURVEY INFORMATION SEE RECORD OF SURVEY, SR 509 R/W CENTERLINE ALIGNMENT, RECORDED OCTOBER 5, 2004. AFN 20041005900004

ELECTRONIC FILE FOR SR 509 R/W LIMITS WILL BE PROVIDED FOR CONSTRUCTION STAKING

LAYOUT: G5
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-KingCo\554-1521-151-L2S1-SegC\99Sves\CADD\Phase 2C\Task 212000\DWG-Burien
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:01:12 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|---------------|
| | | | S. THOMAS |
| | | | M. D'AGOSTINO |
| | | | S. THOMAS |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.

FILE NAME
PS1521151P2C2T2G-05

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



11/8/23

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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIED**

FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

SURVEY CONTROL PLAN

SHEET NO.
5 OF 45

G5

PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:01:34 PM
 LAYOUT: SP1
 PATH: \\parametrix.com\pna\PSO\Projects\Clients\1521-151 L2ST-Seq\98563\CAADD\Phase 2C\Task 2\200C\DWG-Burien

T 22N AND 23N, R 4E, W.M.

SITE PREPARATION NOTES:

- 1 ADJUST WATER VALVE TO FINISHED GRADE, BY OTHERS.
- 2 RELOCATE TV RISER, BY OTHERS. SEE AL SHEETS FOR NEW LOCATIONS.
- 3 PROTECT EXISTING UTILITY.
- 4 RELOCATE LIGHT/UTILITY POLE WITH OVERHEAD POWER LINE, BY OTHERS. SEE PS SHEETS FOR NEW LOCATION.
- 5 ADJUST WATER METER TO FINISHED GRADE, BY OTHERS.
- 6 REMOVE STRUCTURE AND OBSTRUCTION.
- 7 ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
- 8 ADJUST TELEPHONE VAULT/RISER TO FINISHED GRADE, BY OTHERS.
- 9 REMOVE TREE.
- 10 RELOCATE WATER VALVE. SEE W SHEETS IN SCHEDULE B FOR DETAILS.
- 11 RELOCATE LIGHT POLE WITH UNDERGROUND POWER LINE, BY OTHERS. SEE PS SHEETS FOR NEW LOCATION.
- 12 RELOCATE MAILBOX. SEE AL SHEETS FOR NEW LOCATION.
- 13 RELOCATE SPRINKLER SYSTEM OR IRRIGATION METER TO BACK OF TRAIL.
- 14 ADJUST WATER VAULT OR WATER VALVE TO FINISHED GRADE.
- 15 REMOVE FIRE HYDRANT ASSEMBLY. SEE W SHEETS IN SCHEDULE B FOR NEW LOCATION.
- 16 RELOCATE LIGHT POLE. SEE PS SHEETS FOR NEW LOCATION.
- 17 REMOVE PAVEMENT MARKING. SEE PS SHEETS FOR NEW LOCATION.
- 18 RELOCATE POWER RISER, BY OTHERS. SEE AL SHEETS FOR NEW LOCATION.
- 19 ADJUST JUNCTION BOX TO FINISHED GRADE, BY OTHERS. SEE PS SHEETS FOR NEW LOCATION.
- 20 ADJUST TRAFFIC SIGNAL JUNCTION BOX TO FINISHED GRADE.
- 21 RELOCATE FIRE HYDRANT AND EXTEND LATERAL, BY OTHERS. SEE AL SHEETS FOR LOCATION.
- 22 REMOVE CHAIN LINK FENCE OR GATE.
- 23 ADJUST MANHOLE/CATCH BASIN TO FINISHED GRADE. SEE AL SHEETS FOR ELEVATION.
- 24 REMOVE EXTRUDED CURB. SEE NEW LOCATIONS ON DP SHEETS.
- 25 RELOCATE POWER VAULT. SEE AL SHEETS FOR LOCATION.
- 26 RELOCATE METAL FENCE TO FRONT OF THE WALL.
- 27 RELOCATE WATER LINE. SEE W SHEETS IN SCHEDULE B FOR DETAILS.
- 28 ADJUST WATER RISER WITH CAP, BY OTHERS. COORDINATE AND NOTIFY THE UTILITY AGENCY MINIMUM OF 72 HOURS IN ADVANCE.
- 29 REMOVE CURB OR CURB & GUTTER. SEE AL SHEETS FOR NEW LOCATION.

GENERAL NOTES:

1. SEE PS SHEETS FOR REMOVAL, RELOCATION AND INSTALLATION OF ALL SIGNS.
2. SEE SG SHEETS FOR REMOVALS, RELOCATIONS AND ADJUSTMENTS FOR SIGNAL EQUIPMENT AND SIGNAL JUNCTION BOX.
3. NO PARKING OF HEAVY EQUIPMENT ON TOP OF SPU WATER LINE.
4. FOR CLARITY PURPOSE, SOME SAWCUT LINES STA/OFFSET ARE NOT SHOWN. CAD FILES WILL BE PROVIDED TO CONTRACTOR FOR STAKING.

TESC NOTES:

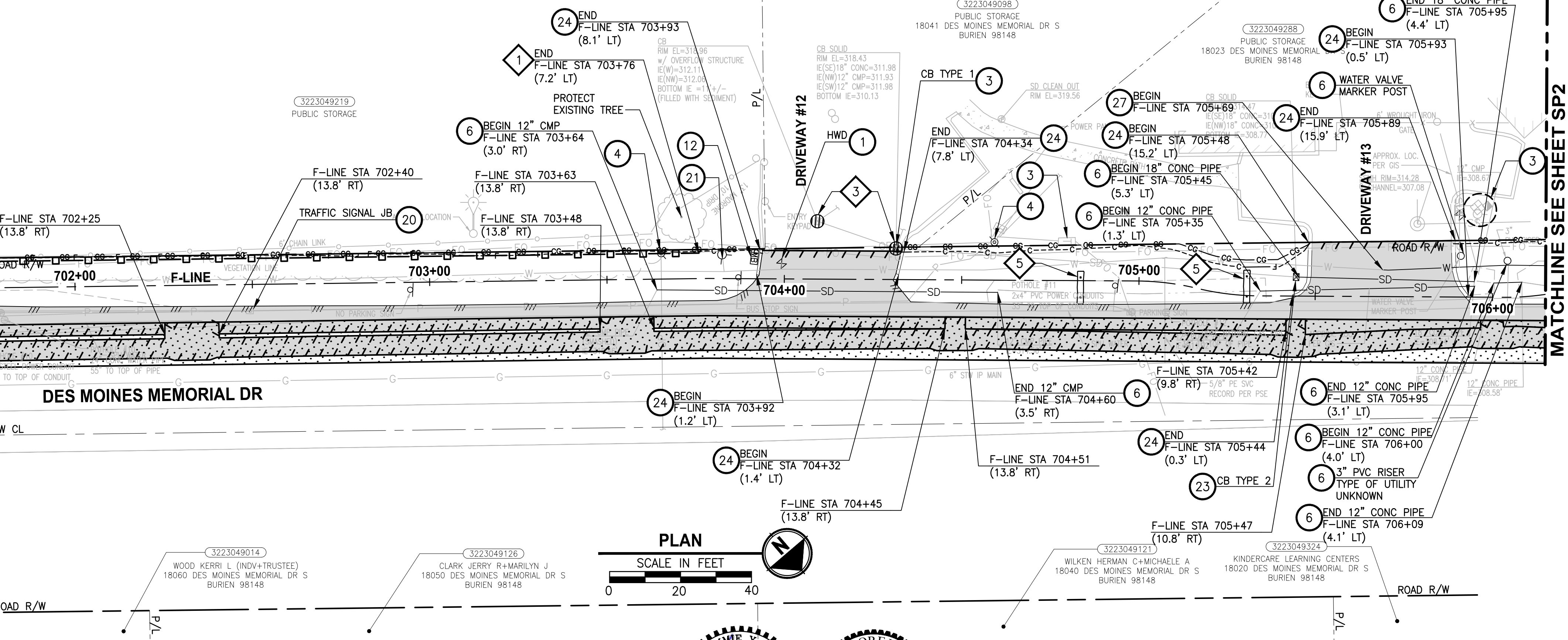
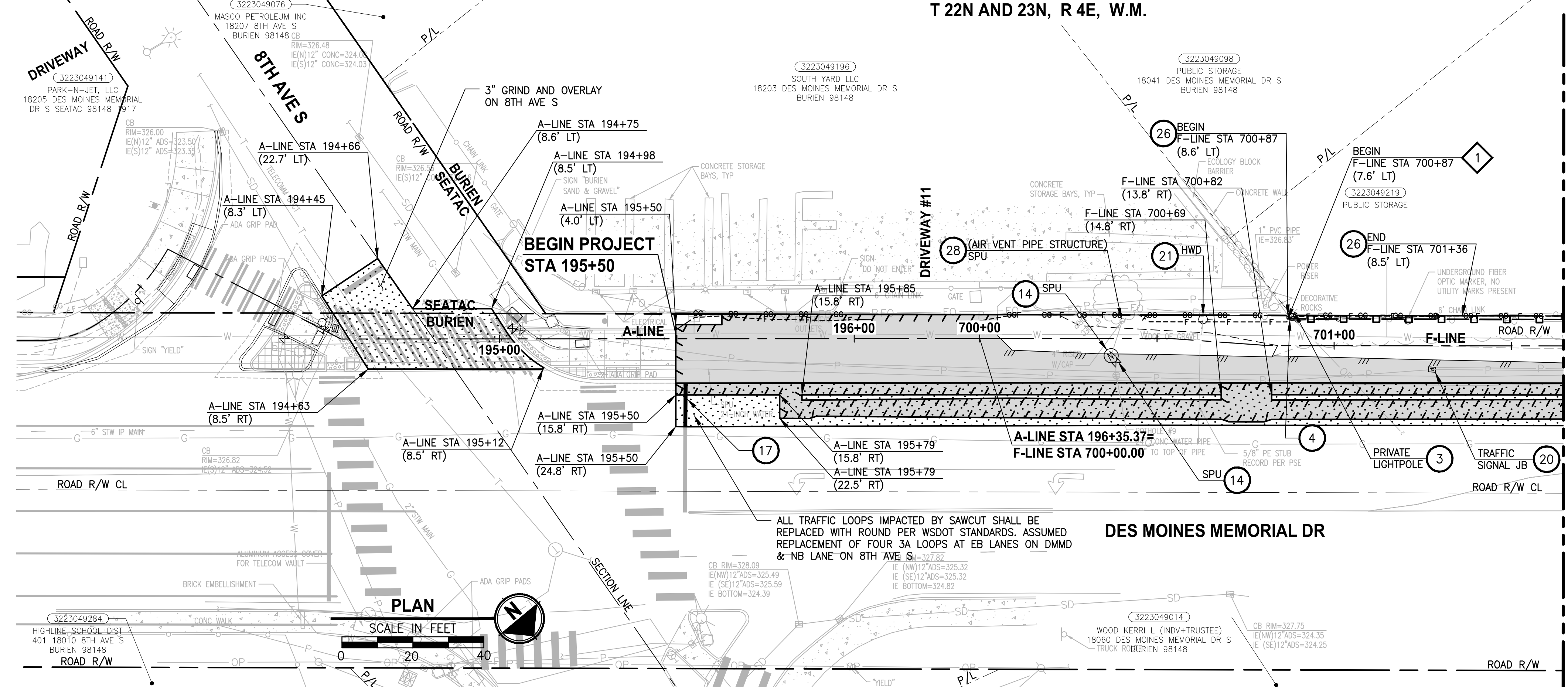
- 1 SILT FENCE, PER 2016 KCSWDM SECTION D.2.1.3.1. SEE SPECIAL PROVISIONS SECTION 8-01. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
- 2 NOT USED.
- 3 STORM DRAIN INLET PROTECTION, PER 2016 KCSWDM SECTION D.2.1.5.3 FIGURE D.2.1.5.F CATCH BASIN INSERT. SEE SPECIAL PROVISIONS SECTION 8-01.
- 4 NOT USED.
- 5 BIODEGRADABLE COMPOST SOCK CHECK DAM PER WSDOT STD SPEC 8-01 AND WSDOT STD PLAN I-50.20-02.
- 6 HIGH VISIBILITY SILT FENCE, PER WSDOT STD PLAN I-30.17-01. INSTALL FENCE AT C&G LIMITS. THE LINES SHOWN ARE OFFSET FOR PLAN CLARITY PURPOSES.
- 7 NOT USED.
- 8 TEMPORARY CURB, PER WSDOT STD SPECIFICATION 8-01.



Know what's below.
Call before you dig.

LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
- REMOVE ASPHALT CONC. PAVEMENT
- 2-INCH GRIND AND OVERLAY UNLESS OTHERWISE NOTED
- REMOVE CEMENT CONC. PAVEMENT
- INLET PROTECTION
- SILT FENCE
- HIGH VISIBILITY SILT FENCE
- BIODEGRADABLE COMPOST SOCK CHECK DAM
- TEMPORARY CURB
- SAWCUT
- NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

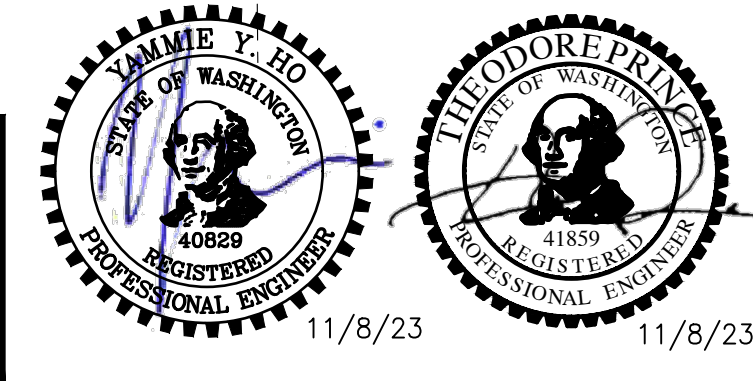


MATCHLINE SEE BELOW

MATCHLINE SEE SHEET SP2

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

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 FILE NAME: PSI1521151P2C2T2SP-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



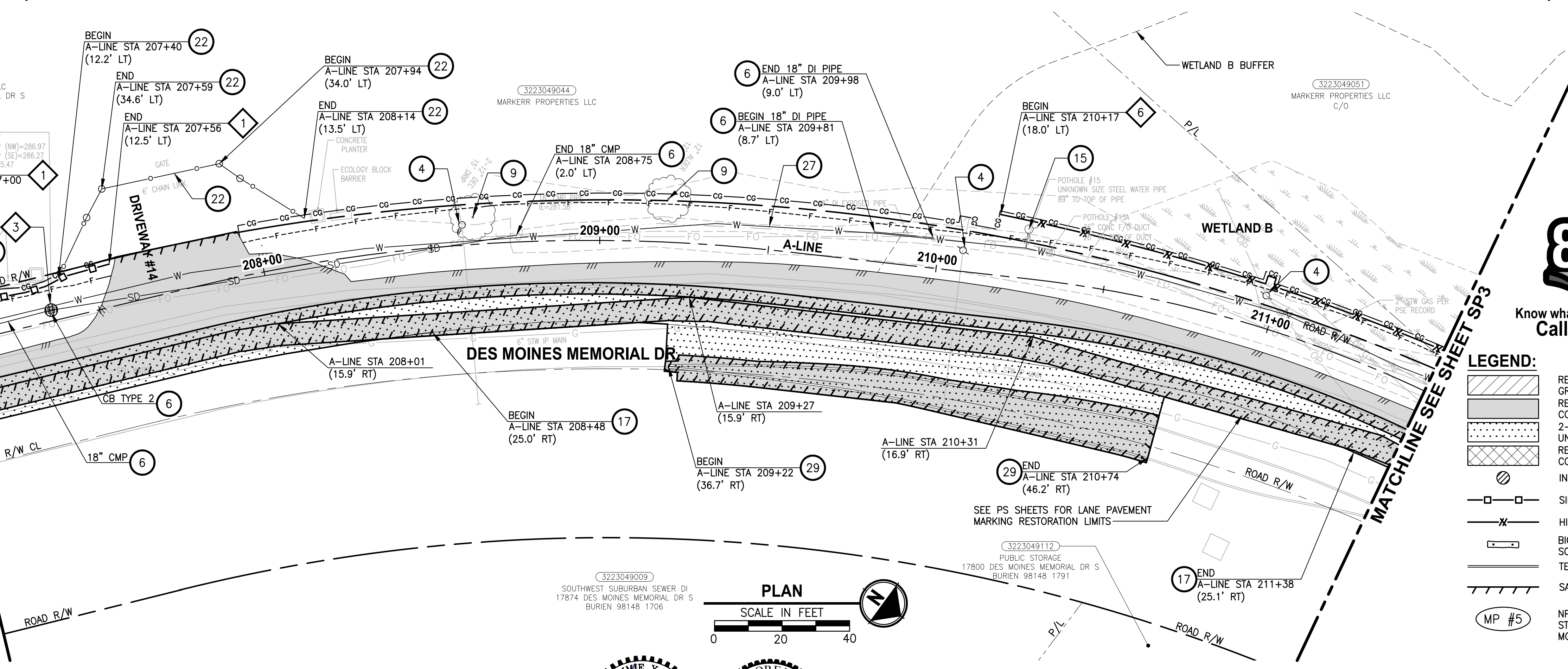
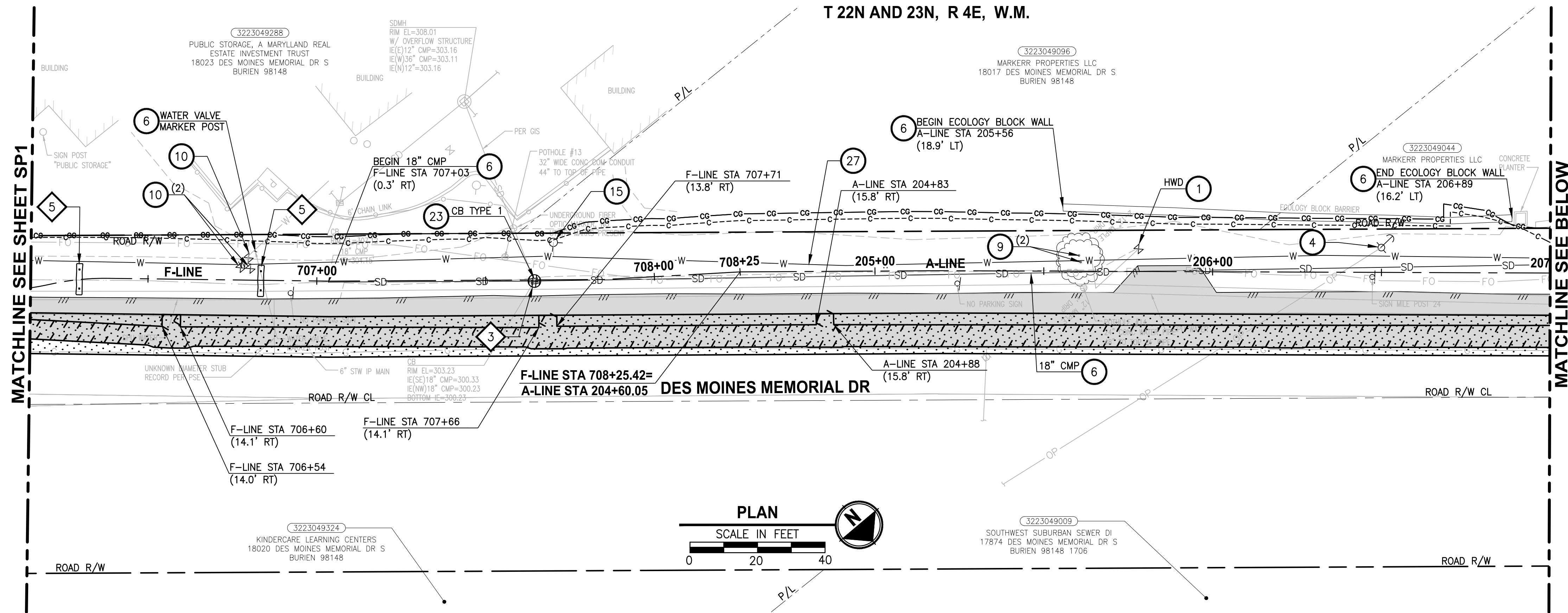
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

SITE PREPARATION/TESC/UTILITY PLAN

SHEET NO.
6 OF 45
SP1

T 22N AND 23N, R 4E, W.M.



SITE PREPARATION NOTES:

- 1 ADJUST WATER VALVE TO FINISHED GRADE, BY OTHERS.
- 2 RELOCATE TV RISER, BY OTHERS. SEE AL SHEETS FOR NEW LOCATIONS.
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Know what's below.
Call before you dig.

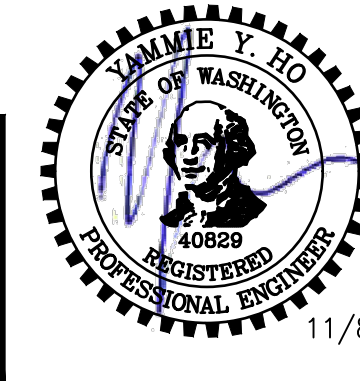
LEGEND:

- REMOVE EXISTING GRAVEL SURFACE
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- BIODEGRADABLE COMPOST SOCK CHECK DAM
- TEMPORARY CURB
- SAWCUT
- NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

LAYOUT: SP2
PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151 L2ST-SegC\995\ca\ADD\Phase 2C\Task 21200C\DWG-Burien
PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:01:49 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
FILE NAME: PS1521151P2C2T2SP-01
JOB No: 554-1521-151 P2C T2T200C
DATE: MAY 2023



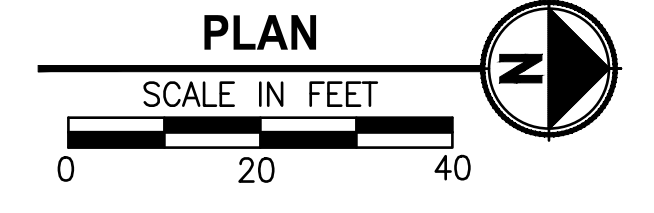
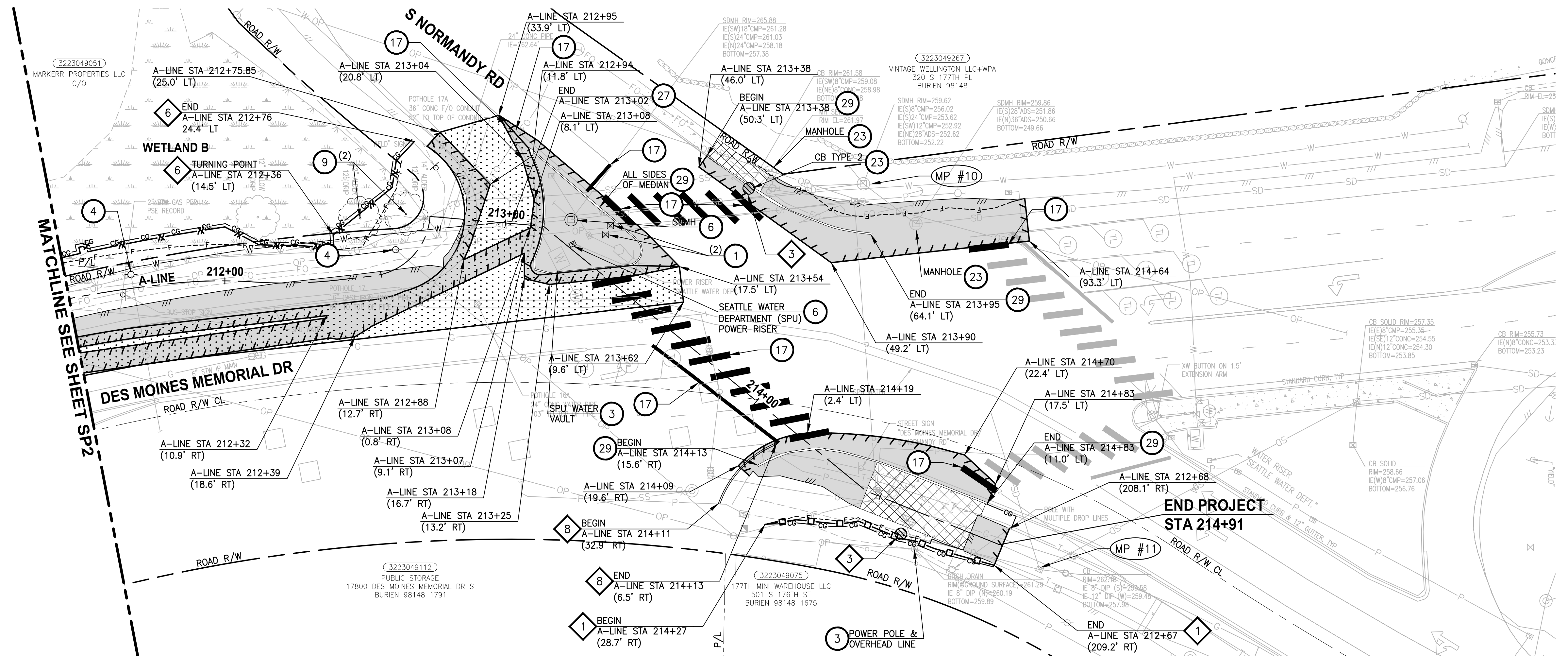
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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIE**
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

**SITE PREPARATION/TESC/UTILITY
PLAN**

SHEET NO.
7 OF 45
SP2

T 22N AND 23N, R 4E, W.M.



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- 29 GENERAL NOTES:



Know what's below.
Call before you dig.

LEGEND:

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- 2-INCH GRIND AND OVERLAY UNLESS OTHERWISE NOTED
- REMOVE CEMENT CONC. PAVEMENT
- INLET PROTECTION
- SILT FENCE
- HIGH VISIBILITY SILT FENCE
- BIODEGRADABLE COMPOST SOCK CHECK DAM
- TEMPORARY CURB
- SAWCUT
- NPDES CONSTRUCTION STORMWATER DISCHARGE MONITORING POINT

GENERAL NOTES:

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TESC NOTES:

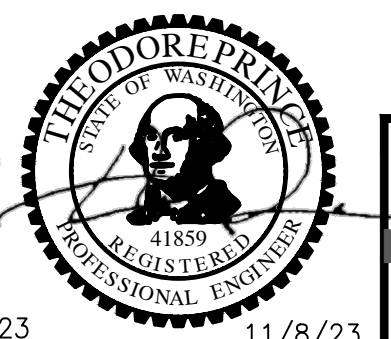
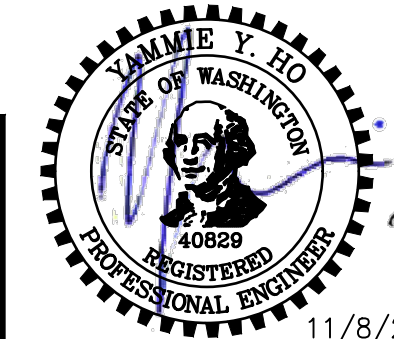
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- 7 NOT USED.
- 8 TEMPORARY CURB, PER WSDOT STD SPECIFICATION 8-01.

LAYOUT: SP3
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151_L2ST-Seq\995\cadd\Phase_2C\Task_21200C\DWG-Burien
 PLOTTED BY: purgabub DATE: Wednesday, November 8, 2023 12:01:57 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2C2T2SP-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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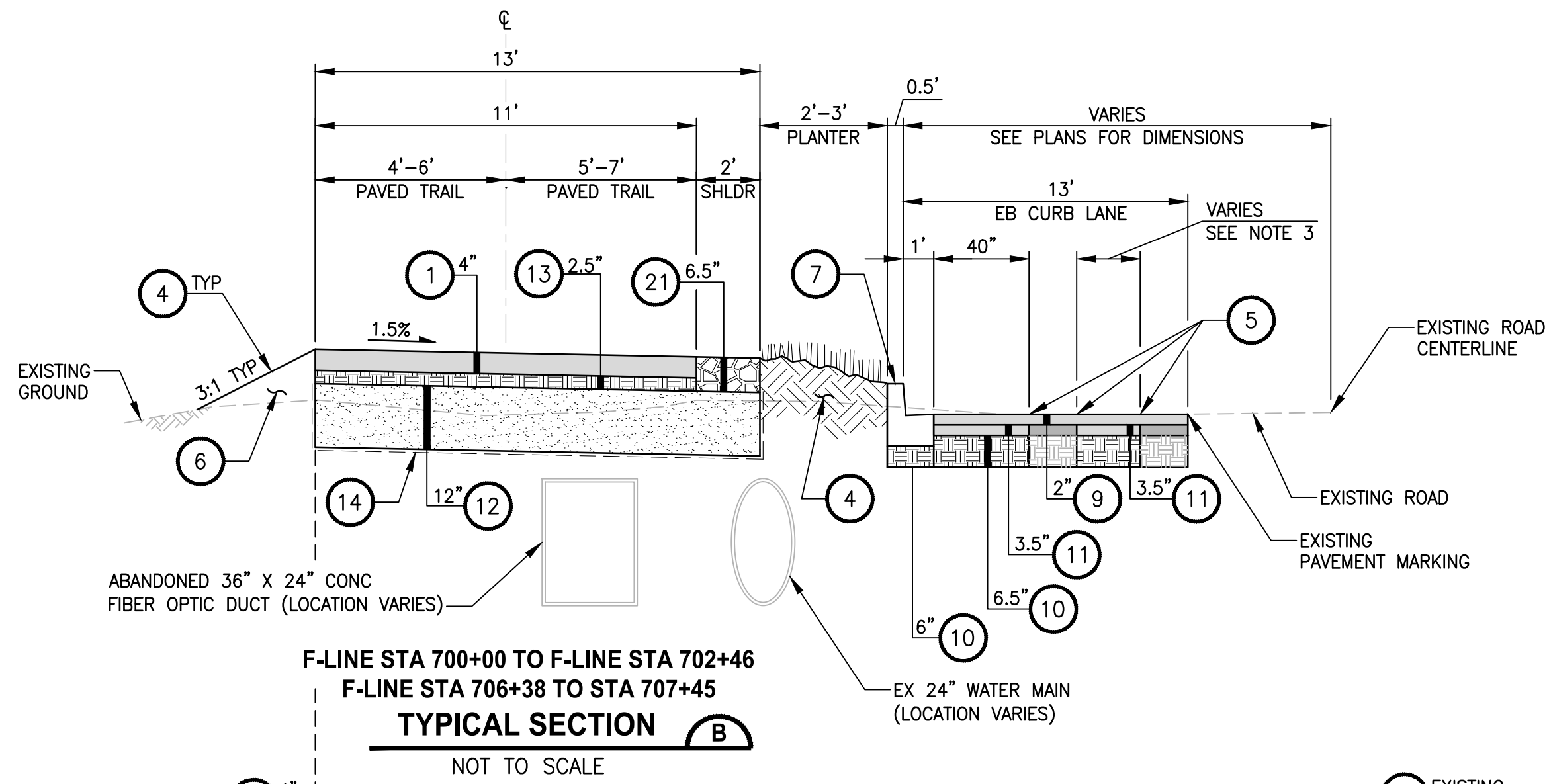
PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIE**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

**SITE PREPARATION/TESC/UTILITY
 PLAN**

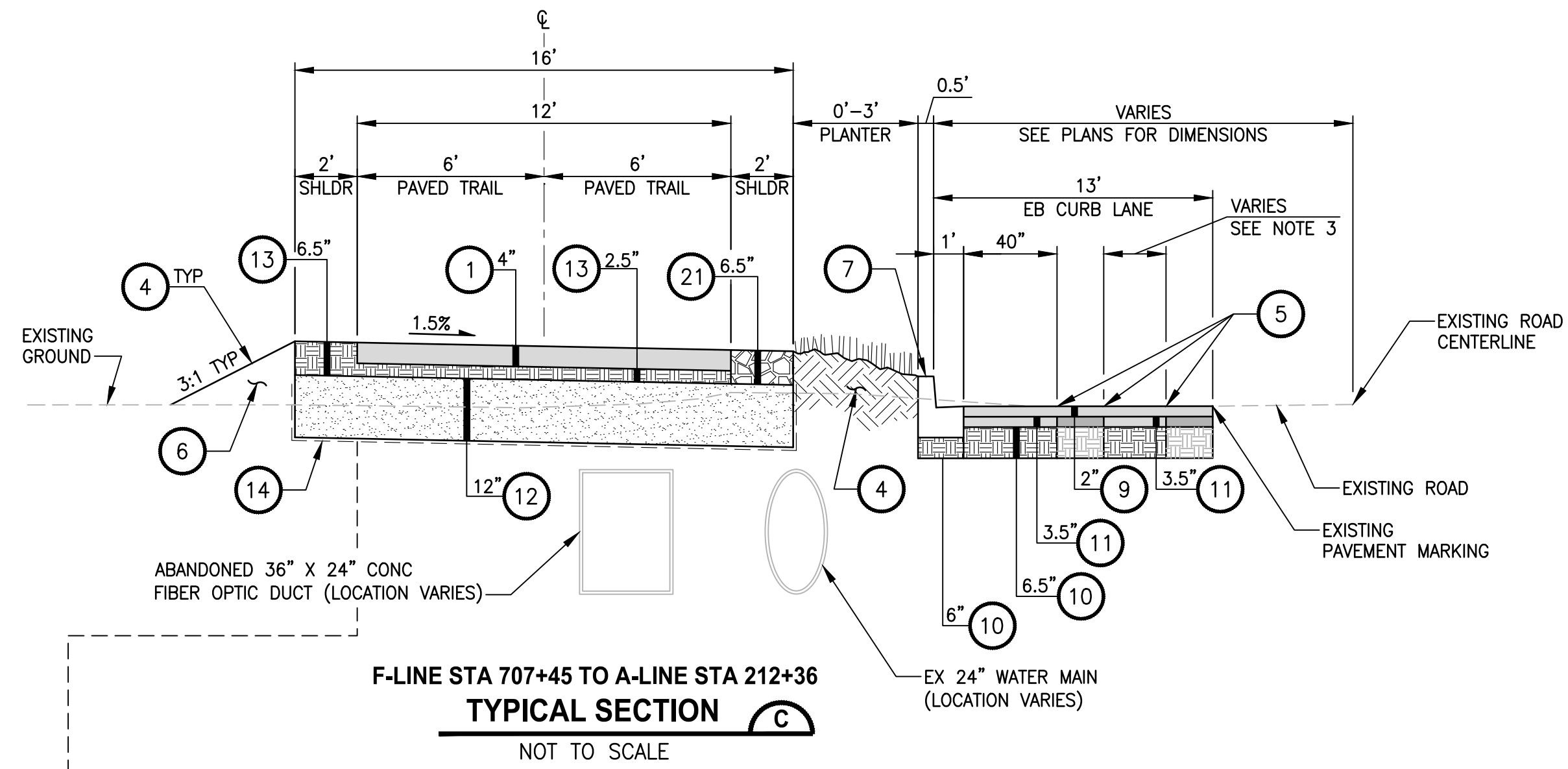
SHEET NO.
8 OF 45

SP3

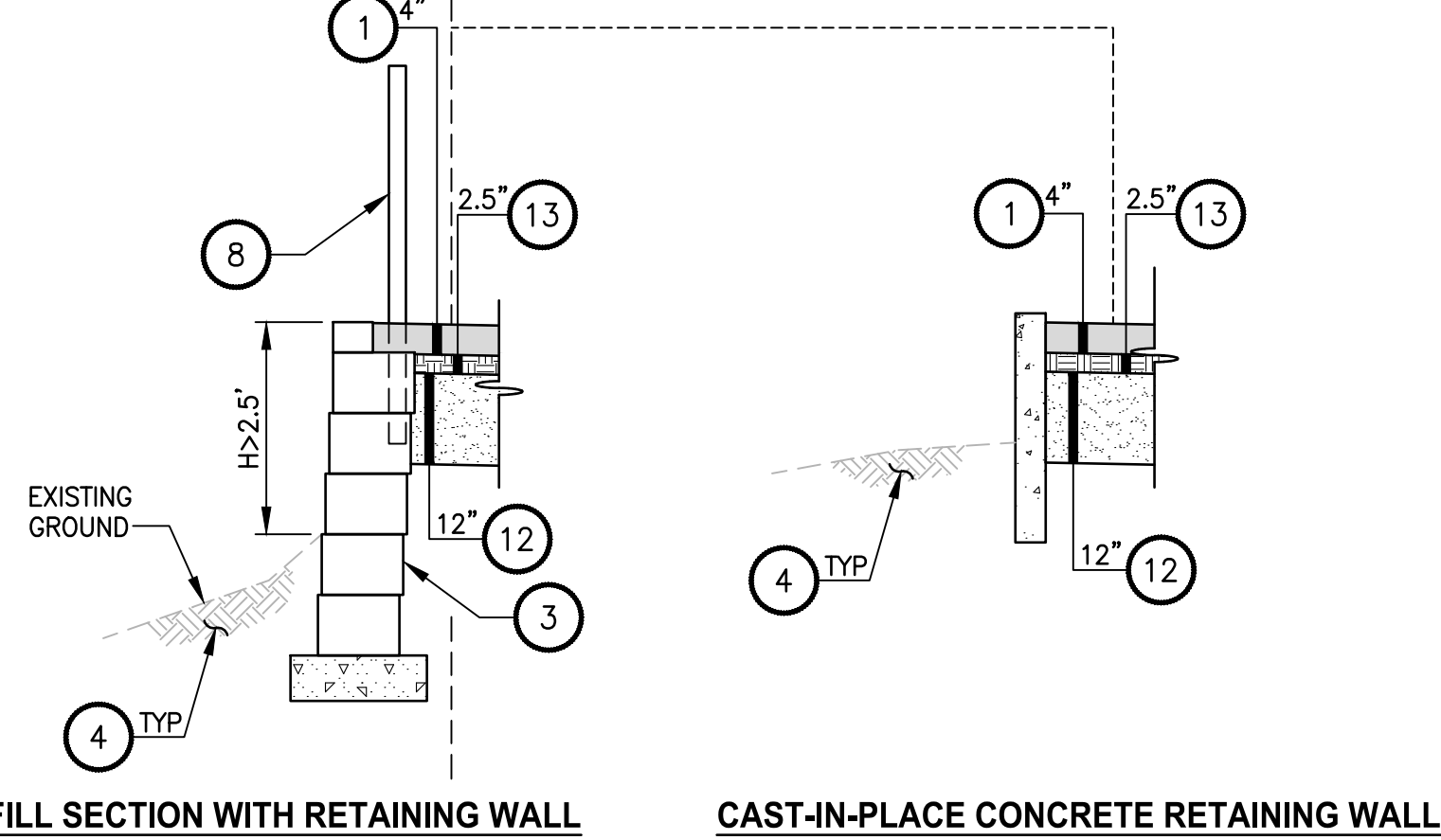
T 22N AND 23N, R 4E, W.M.



F-LINE STA 700+00 TO F-LINE STA 702+46
F-LINE STA 706+38 TO STA 707+45
TYPICAL SECTION B
NOT TO SCALE

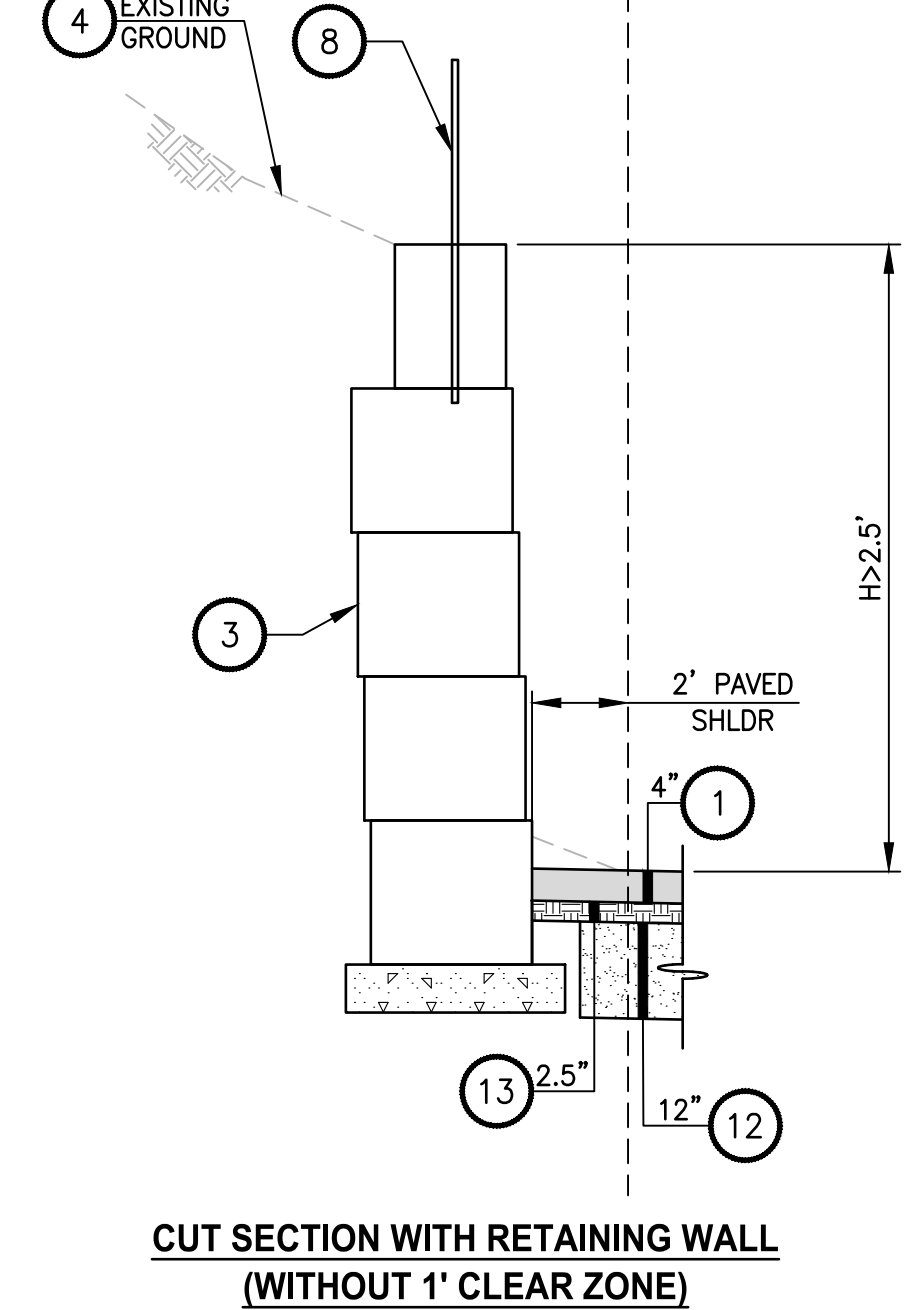


F-LINE STA 707+45 TO A-LINE STA 212+36
TYPICAL SECTION C
NOT TO SCALE



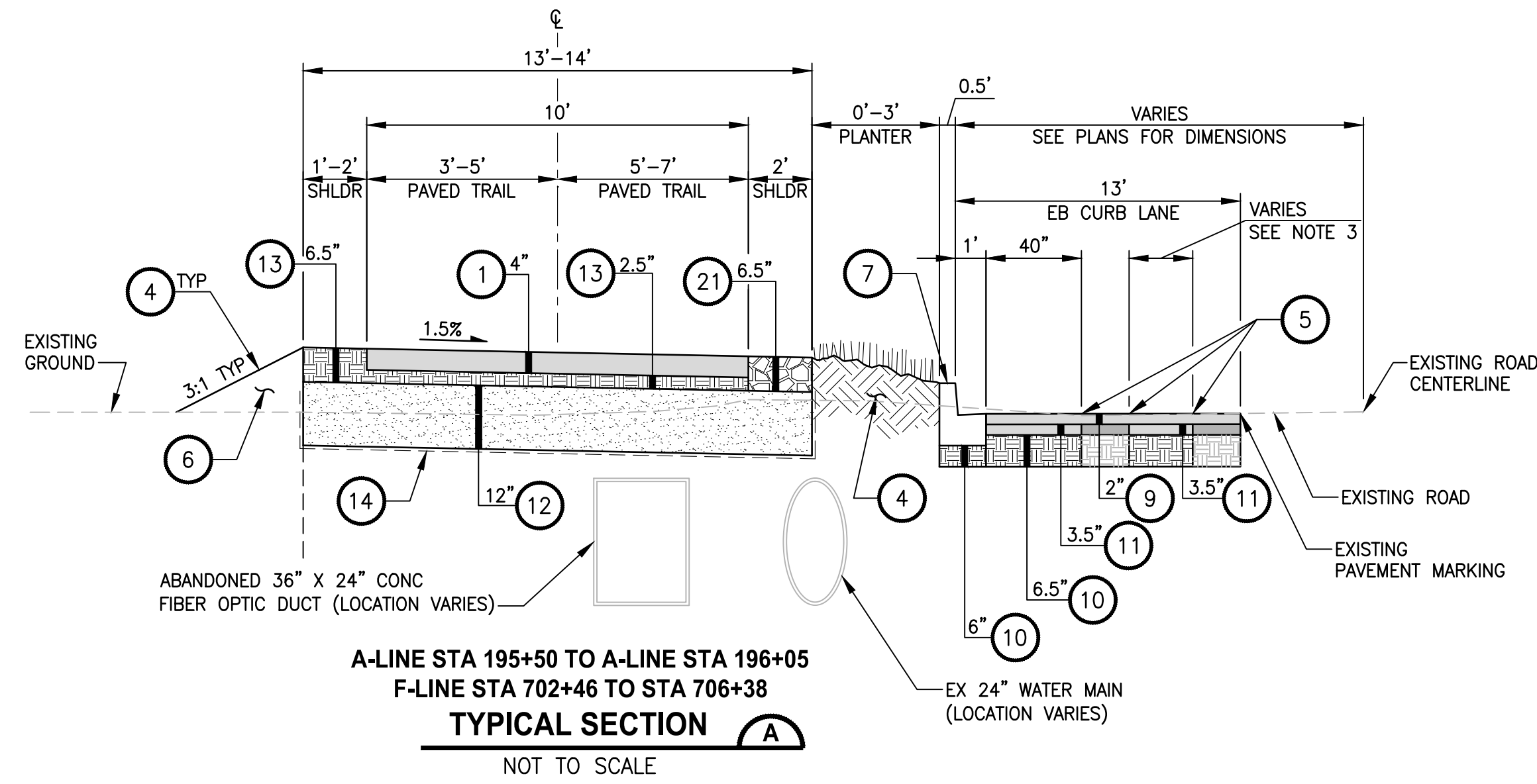
FILL SECTION WITH RETAINING WALL

CAST-IN-PLACE CONCRETE RETAINING WALL



CUT SECTION WITH RETAINING WALL
(WITHOUT 1' CLEAR ZONE)

FILL SECTION WITH RETAINING WALL



A-LINE STA 195+50 TO A-LINE STA 196+05
F-LINE STA 702+46 TO STA 706+38
TYPICAL SECTION A
NOT TO SCALE

CONSTRUCTION NOTES:

- 1 HMA CL. 3/8" PG 58H-22.
- 2 WET NATIVE SEEDING, SEE SPECIAL PROVISIONS.
- 3 RETAINING WALL, SEE AL PLANS FOR LOCATIONS AND TYPES. SEE WP SHEETS FOR WALL PROFILES. SEE SHEET WD1 FOR DETAILS.
- 4 4" TOPSOIL TYPE A AND SEEDING AND MULCHING FOR PLANTER AND DISTURBED AREAS WITHIN CLEARING AND GRUBBING LIMITS, UNLESS OTHERWISE NOTED.
- 5 FULL DEPTH SAWCUT.
- 6 SELECT BORROW INCL HAUL.
- 7 CEMENT CONC. TRAFFIC CURB AND GUTTER. SEE AL SHEETS FOR LOCATIONS.
- 8 COATED CHAIN LINK FENCE TYPE 6 OR TYPE 1. SEE AL SHEETS FOR LOCATIONS.
- 9 HMA CL. 1/2 IN. PG 58H-22, ONE CONTINUOUS PAVING FOR FINAL LIFT. PAVING JOINTS ARE ONLY ALLOWED AT LANE LANE OR CENTERLINE OF DES MOINES MEMORIAL DRIVE (SR 509).
- 10 CRUSHED SURFACING BASE COURSE.
- 11 HMA CL 1/2 IN. PG 58H-22.
- 12 PERMEABLE BALLAST, SEE DETAIL 3 ON DD1 FOR CHECK DAMS DETAILS AND STATION RANGES.
- 13 CRUSHED SURFACING TOP COURSE.
- 14 CONSTRUCTION GEOTEXTILE FOR SEPARATION MODERATE SURVIVABILITY.
- 15 NOT USED.
- 16 NOT USED.
- 17 EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
- 18 NOT USED.
- 19 NOT USED.
- 20 CLASS 4000 CEMENT CONCRETE.
- 21 3/4" CRUSHED CLEAN ROCK.
- 22 NOT USED.
- 23 MOUNTABLE CEMENT CONCRETE TRAFFIC CURB. SEE AL SHEETS FOR LOCATIONS.
- 24 CEMENT CONCRETE PEDESTRIAN CURB. SEE AL SHEETS FOR LOCATIONS.

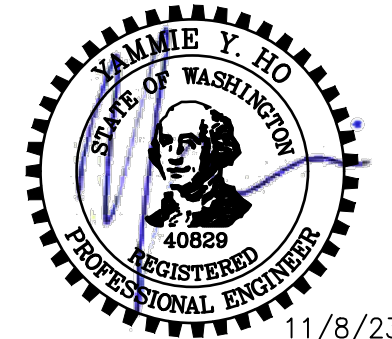
GENERAL NOTES:

1. SEE PAVED TRAIL WIDTH TRANSITIONS ON AL SHEETS.
2. SEE AL SHEETS FOR PAVED SHOULDER LOCATIONS.
3. SAWCUT WIDTHS FOR STORMWATER PIPE TRENCH VARY. SEE SP SHEETS FOR SAWCUT LINES. SEE SHEET DD2 FOR PIPE TRENCH DETAIL. BASED ON ROADWAY AS-BUILTS, THERE IS EXISTING 6" THICK SOIL CEMENT BASE UNDERNEATH ASPHALT PAVING. CONTRACTOR SHALL ANTICIPATE TO SAWCUT AND EXCAVATE THROUGH SOIL CEMENT BASE FOR THE STORMWATER PIPE TRENCH.

LAYOUT: CSI
 PATH: \\parametrix.com\pm\PSO\Projects\Clients\1521-KingCo\554-1521-151 L2ST-SeqC\985vcs\CAAD\Phase 2C\Task 27200C\DWG-Burien\
 PLOTTED BY: purgubut DATE: Wednesday, November 8, 2023 12:02:07 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
 FILE NAME: PS1521151P2CT2T2CS-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIE**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

TYPICAL CROSS SECTIONS

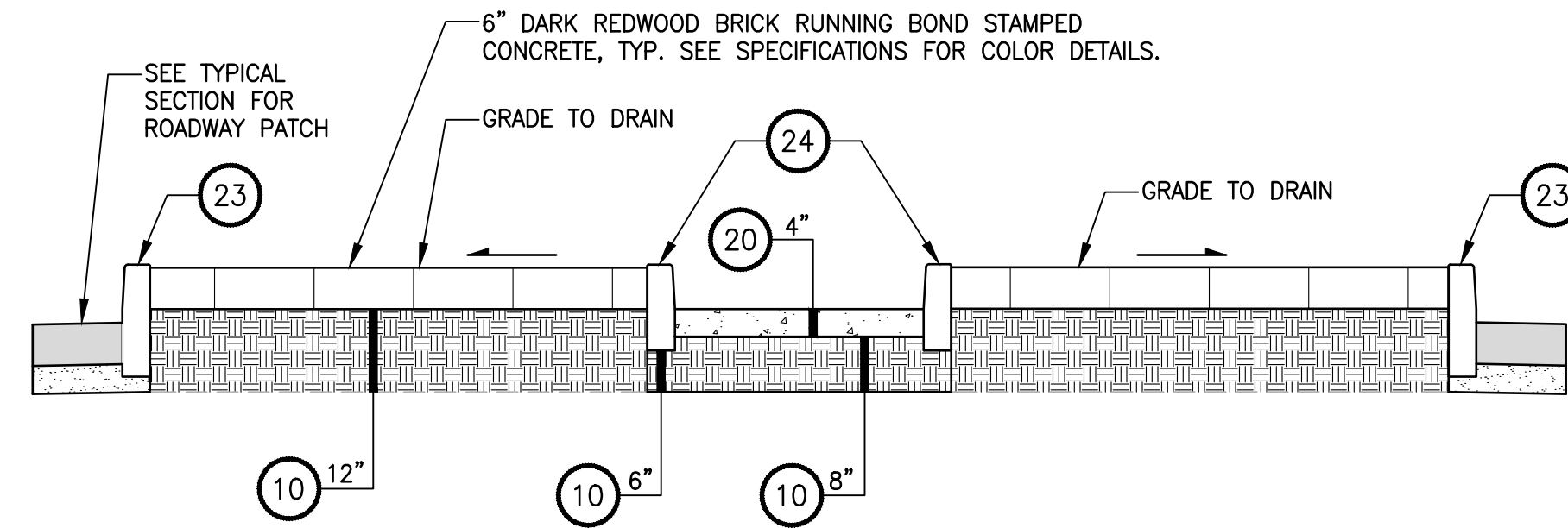
SHEET NO.
 9 OF 45
CS1

CONSTRUCTION NOTES:

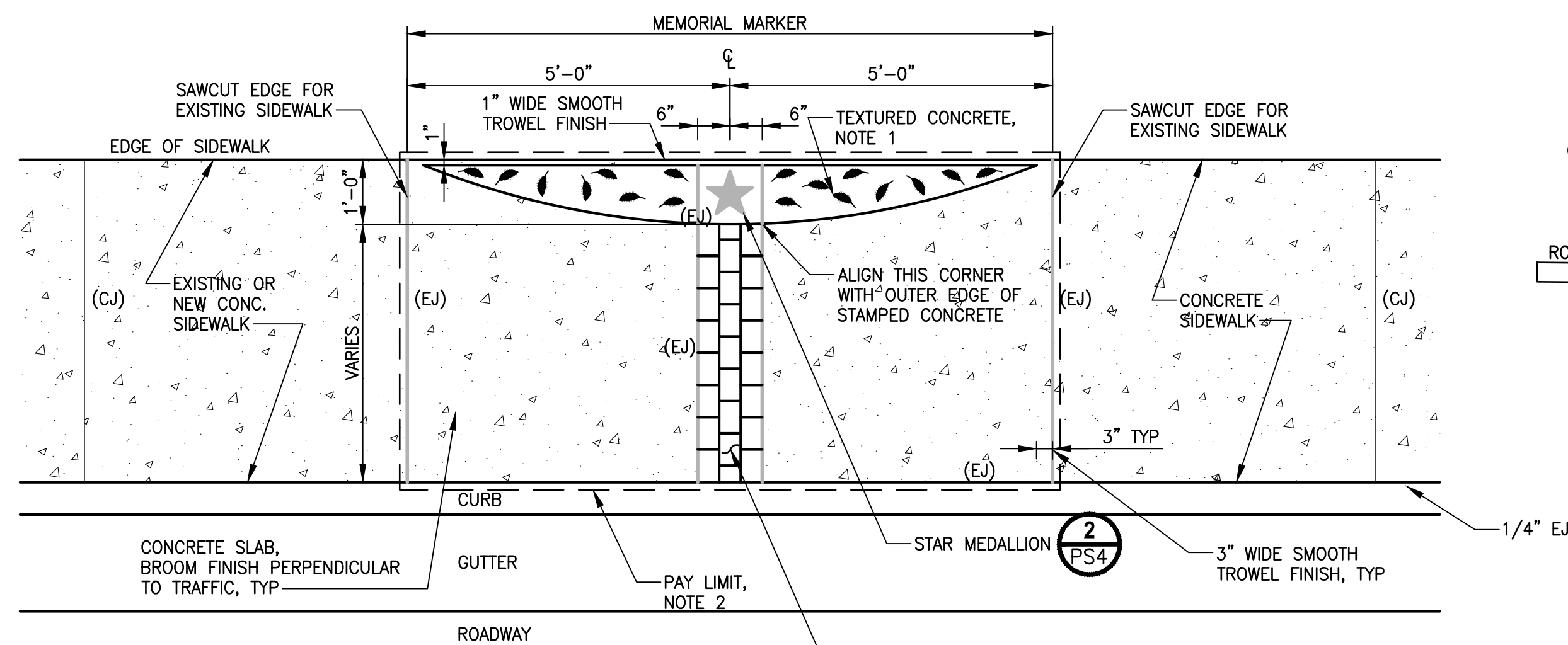
- 1 HMA CL. 3/8" PG 58H-22.
- 2 WET NATIVE SEEDING, SEE SPECIAL PROVISIONS.
- 3 RETAINING WALL, SEE AL PLANS FOR LOCATIONS AND TYPES. SEE WP SHEETS FOR WALL PROFILES. SEE SHEET WD1 FOR DETAILS.
- 4 4" TOPSOIL TYPE A AND SEEDING AND MULCHING FOR PLANTER AND DISTURBED AREAS WITHIN CLEARING AND GRUBBING LIMITS, UNLESS OTHERWISE NOTED.
- 5 FULL DEPTH SAWCUT.
- 6 SELECT BORROW INCL. HAUL.
- 7 CEMENT CONC. TRAFFIC CURB AND GUTTER. SEE AL SHEETS FOR LOCATIONS.
- 8 COATED CHAIN LINK FENCE TYPE 6 OR TYPE 1. SEE AL SHEETS FOR LOCATIONS.
- 9 HMA CL. 1/2 IN. PG 58H-22, ONE CONTINUOUS PAVING FOR FINAL LIFT. PAVING JOINTS ARE ONLY ALLOWED AT LANE LANE OR CENTERLINE OF DES MOINES MEMORIAL DRIVE (SR 509).
- 10 CRUSHED SURFACING BASE COURSE.
- 11 HMA CL 1/2 IN. PG 58H-22.
- 12 PERMEABLE BALLAST, SEE DETAIL 3 ON DD1 FOR CHECK DAMS DETAILS AND STATION RANGES.
- 13 CRUSHED SURFACING TOP COURSE.
- 14 CONSTRUCTION GEOTEXTILE FOR SEPARATION MODERATE SURVIVABILITY.
- 15 NOT USED.
- 16 NOT USED.
- 17 EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
- 18 NOT USED.
- 19 NOT USED.
- 20 CLASS 4000 CEMENT CONCRETE.
- 21 3/4" CRUSHED CLEAN ROCK.
- 22 NOT USED.
- 23 MOUNTABLE CEMENT CONCRETE TRAFFIC CURB. SEE AL SHEETS FOR LOCATIONS.
- 24 CEMENT CONCRETE PEDESTRIAN CURB. SEE AL SHEETS FOR LOCATIONS.

GENERAL NOTES:

1. SEE PAVED TRAIL WIDTH TRANSITIONS ON AL SHEETS.
2. SEE AL SHEETS FOR PAVED SHOULDER LOCATIONS.
3. SAWCUT WIDTHS FOR STORMWATER PIPE TRENCH VARY. SEE SP SHEETS FOR SAWCUT LINES. SEE SHEET DD2 FOR PIPE TRENCH DETAIL. BASED ON ROADWAY AS-BUILTS, THERE IS EXISTING 6" THICK SOIL CEMENT BASE UNDERNEATH ASPHALT PAVING. CONTRACTOR SHALL ANTICIPATE TO SAWCUT AND EXCAVATE THROUGH SOIL CEMENT BASE FOR THE STORMWATER PIPE TRENCH.



RAISED MEDIAN AT NORMANDY INTERSECTIONS
TYPICAL SECTION D
 NOT TO SCALE



MEMORIAL MARKER LAYOUT AND CROSS SECTION
DETAIL 1
 NOT TO SCALE

NOTE:

1. ELM LEAF EMBOSSED TEMPLATE WILL BE PROVIDED BY THE COUNTY. LIGHT BOOM FINISH ON CONCRETE SURFACE WHERE NO EMBOSSED LEAF PATTERN AND STAR MEDALLION ARE PRESENT.
2. PAY LIMIT FOR MEMORIAL MARKER SHALL BE MEASURED ALONG THE EDGE OF JOINT/EDGE OF SIDEWALK OR CURB. THE LINES ARE OFFSET FOR CLARITY PURPOSE.

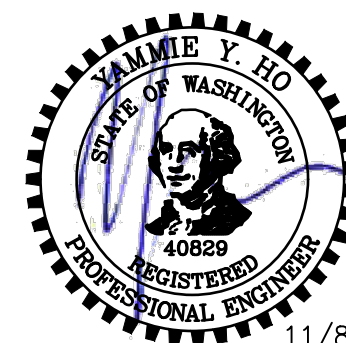
6" DARK REDWOOD BRICK RUNNING BOND STAMPED CONCRETE, TYP. CONTRACTOR PROVIDE CONCRETE STAMP TEMPLATE FOR APPROVAL PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS FOR COLOR DETAILS.

LAYOUT: CS2
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151-KingCo\554-1521-151-L251-Seq\995\ca\ADD\Phase 2C\Task 2T200C\DWG-Burien\
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:02:08 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2CT2T2CS-01
 JOB No: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



11/8/23

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PROJECT NAME
LAKE TO SOUND TRAIL
SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

TYPICAL CROSS SECTIONS

SHEET NO.
 10 OF 45

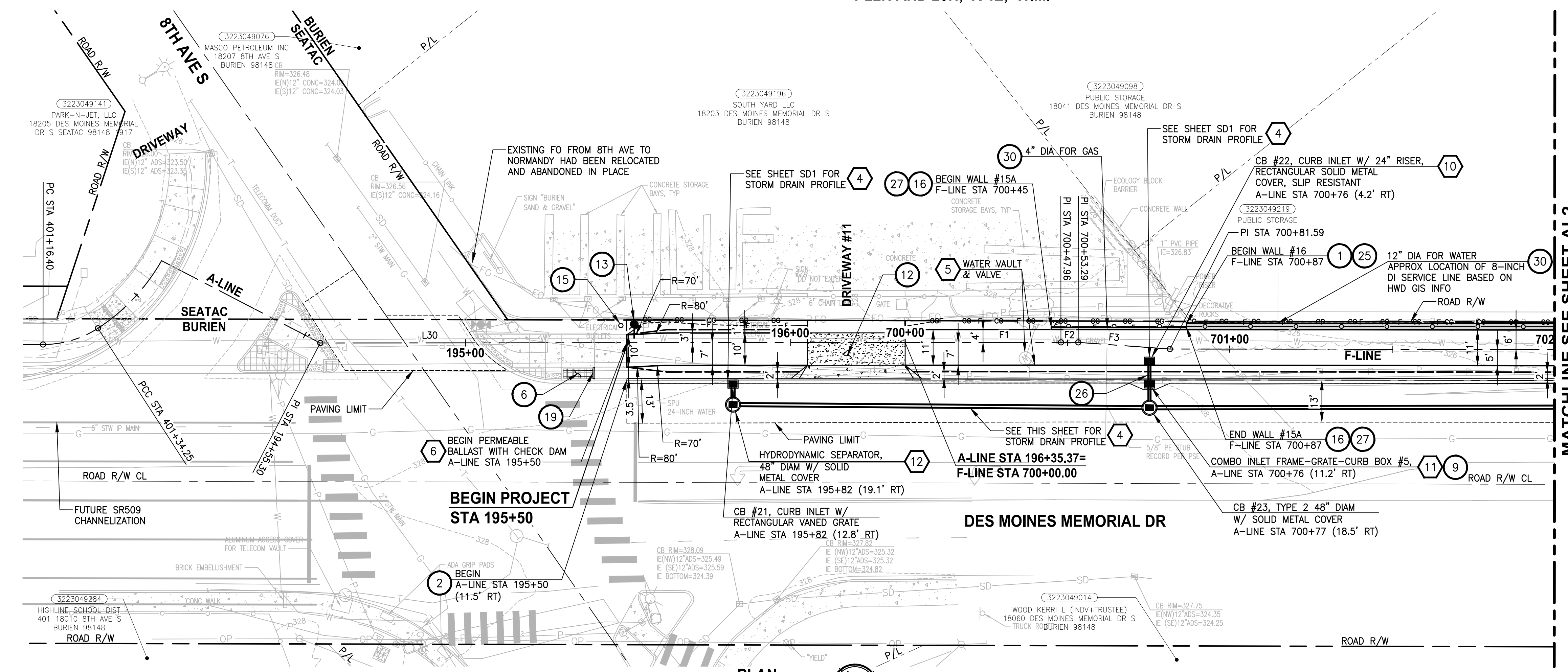
CS2

CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE DETAILS ON SHEET WD1.
2. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL 4 ON SHEET MD1.
3. PARALLEL CURB RAMP, PER WSDOT STD PLAN F-40.12-03.
4. PERPENDICULAR CURB RAMP, PER WSDOT STD PLAN F-40.15-03.
5. MOUNTABLE CEMENT CONCRETE TRAFFIC CURB, PER WSDOT STD PLAN F-10.12-04.
6. STAMPED CONCRETE, SEE CS SHEETS.
7. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04.
8. BUS LANDING PAD, PER KCDOT TRANSIT DRAWING D108, SECTION E. SEE APPENDIX DETAILS.
9. WIDENED GUTTER PAN AT ALL COMBO INLET LOCATIONS PER DETAIL 3 ON SHEET DD2.
10. ASPHALT RAMP TRANSITION TO EXISTING GROUND, SEE RG SHEET.
11. POTHOLE TO VERIFY UTILITY DEPTH AND LOCATION. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS.
12. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
13. FIRE HYDRANT AND LATERAL LINE, BY OTHERS.
14. INSTALL ABOVE GROUND POWER VAULT, BY OTHERS.
15. 4" RISER WITH CAP, BY OTHERS.
16. BLACK POWDER-COATED CHAIN LINK FENCE TYPE 6, SEE APPENDIX B IN SPECS FOR DETAILS.
17. GRAVITY BLOCK WALL, SEE DETAILS ON SHEET WD1.
18. RELOCATE EXISTING MAILBOX. INSTALL NEW MAILBOX SUPPORT TYPE 1, WOOD POST PER WSDOT STD PLAN H-70.10-01.
19. CEMENT CONCRETE PEDESTRIAN CURB, PER WSDOT STD PLAN F-10.12-04.
20. EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
21. YELLOW PRECAST SLOPED MOUNTABLE CURB, PER WSDOT STD PLAN F-10.62-02.
22. NOT USED.
23. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
24. SLIP RESISTANT LID, BY OTHERS.
25. BLACK POWDER-COATED CHAIN LINK FENCE TYPE 1, SEE APPENDIX B IN SPECS FOR DETAILS. LOCATE AND IDENTIFY POSSIBLE CONFLICT AT EXISTING UTILITY CROSSING. RELOCATE AS NEEDED PER UTILITY CONFLICT RESOLUTION.
26. CAST-IN-PLACE CONCRETE RETAINING WALL. SEE APPENDIX B FOR DETAILS.
27. 6-INCH HMA CL1/2" PG 58H-22 BETWEEN CURBS FOR MEDIAN.
28. NOT USED.
29. NOT USED.
30. INSTALL SLEEVE FOR UTILITY, PER DETAIL ON SHEET WD1.

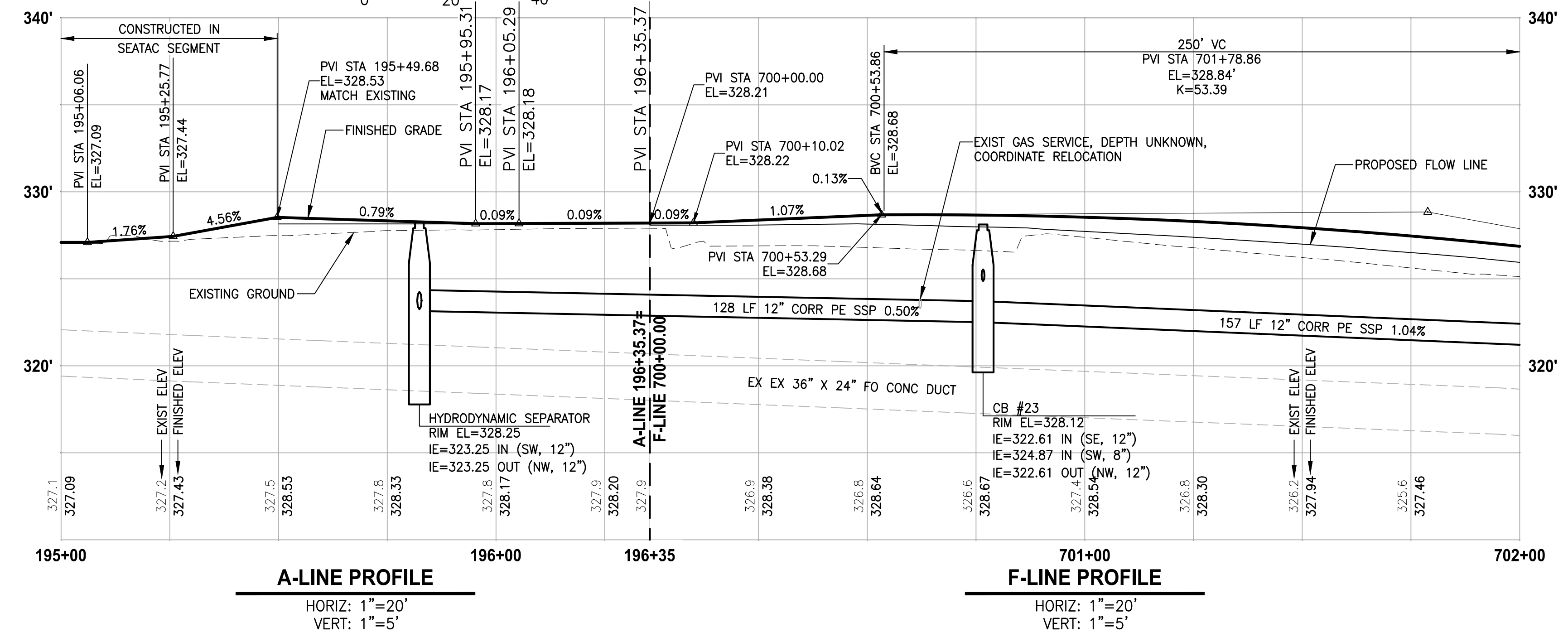
STORMWATER CONSTRUCTION NOTES:

1. CLEANING EXISTING DRAINAGE STRUCTURE.
2. CONNECTION TO DRAINAGE STRUCTURE.
3. PLUGGING EXISTING PIPE.
4. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES.
5. REPLACE EXISTING GRATE OR COVER WITH SLIP RESISTANT LID. SEE SPECIAL PROVISIONS SECTION 7-05.
6. INSTALL PERMEABLE BALLAST WITH CHECK, SEE DETAIL 2 AND 3 ON SHEET DD1.
7. CONCRETE HEADWALL AND CASING/SLEEVE, SEE DETAIL 1 AND 4 ON SHEET DD2.
8. ROCK PAD, SEE DETAIL 6 ON SHEET WD1.
9. NOT USED.
10. CURB INLET W/ 24" RISER, SEE DETAIL 1 ON SHEET DD1.
11. COMBO INLET FRAME-GRATE-CURB BOX, SEE DETAIL 3 ON SHEET DD2. STRUCTURE REFERENCE POINT FOR COMBO INLET IS APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL CURB AND GUTTER LOCATIONS.
12. HYDRODYNAMIC SEPARATOR. SEE SPECIAL PROVISIONS SECTION 7-05.
13. NOT USED.



- GENERAL NOTES:**
1. SEE RG SHEET FOR RAMP GRADING DETAILS.
 2. SEE PS SHEETS FOR PAVEMENT MARKINGS/CROSSWALKS.
 3. SEE DP SHEETS FOR DRIVEWAY PROFILES, GRADING DETAILS AND RESTORATION.
 4. SEE DETAIL 2 ON SHEET DD2 FOR STORM PIPE TRENCH DETAIL.
 5. SEE SHEET AL6 FOR ALIGNMENT LINE AND CURVE DATA.

- LEGEND:**
- CEMENT CONCRETE PAVEMENT OR SIDEWALK
 - ROADWAY PAVING LIMIT
 - MEMORIAL MARKER CONCRETE PER DETAIL 1, SHEET CS2.
 - PATTERNED CONCRETE FOR DRIVEWAY



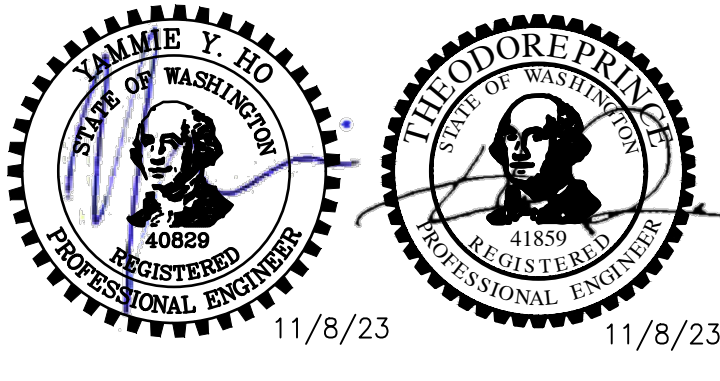
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | DRAWN |
| | | | B. PURGANAN |
| | | | CHECKED |
| | | | J. DVORAK/J. COOP |
| | | | APPROVED |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2CT2T2AL-01

JOB No: 554-1521-151 P2C T2T200C

DATE: MAY 2023



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PROJECT NAME

**LAKE TO SOUND TRAIL
SEGMENT C - BURIEN**

FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

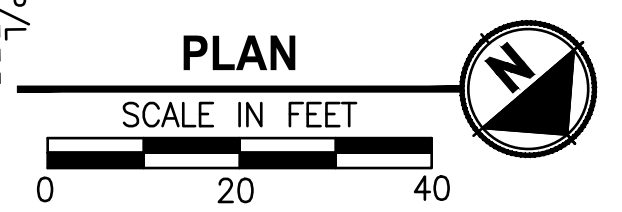
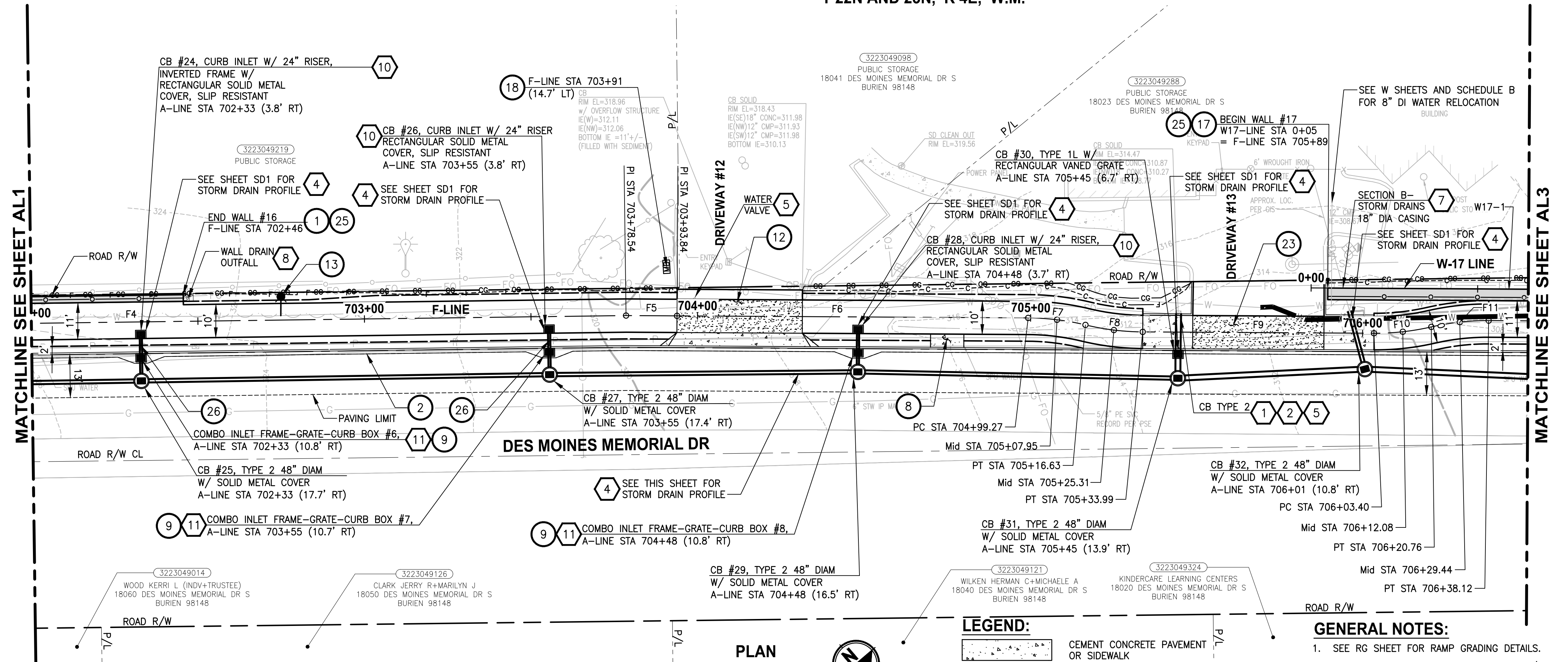
PLAN AND PROFILE

SHEET NO.
11 OF 45

AL1

LAYOUT: AL1 PATH: \\parametrix.com\pma\PSO\Projects\Clients\1521-151-L2ST-SegC\985segs\CADD\Phase 2C\Task 27200C\DWG-Burien PLOTTED BY: purgabul DATE: Wednesday, November 8, 2023 12:03:07 PM

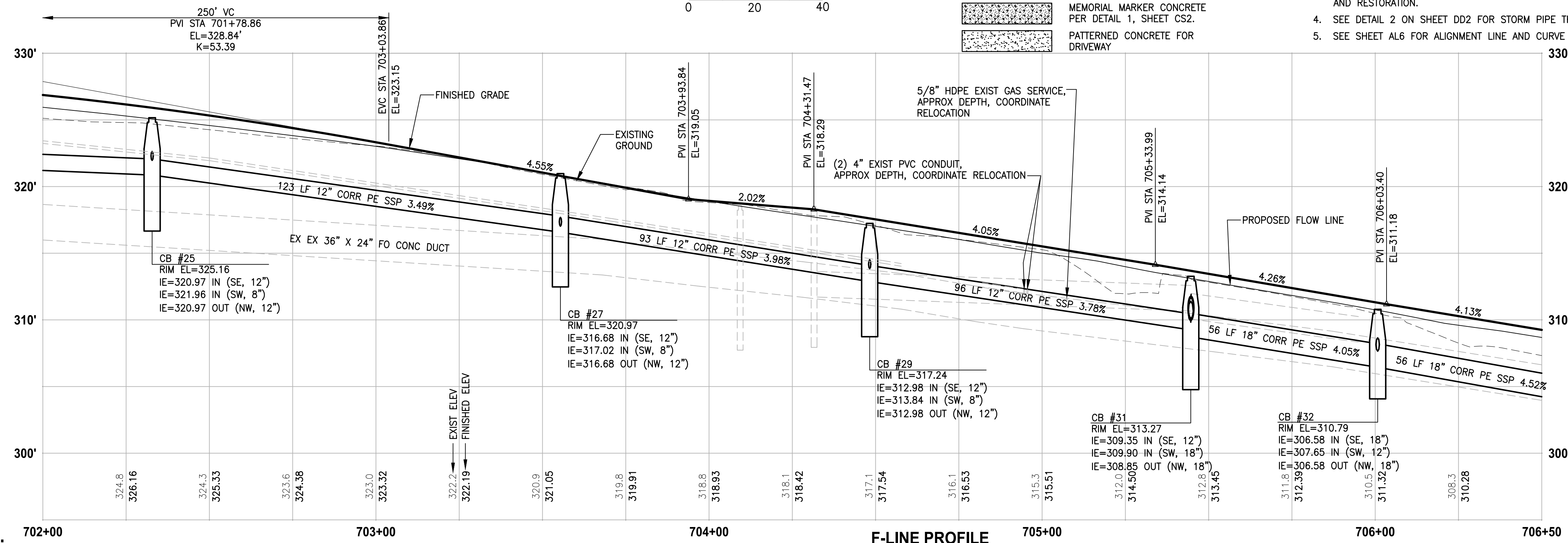
T 22N AND 23N, R 4E, W.M.



LEGEND:

- [Pattern] CEMENT CONCRETE PAVEMENT OR SIDEWALK
- [Pattern] ROADWAY PAVING LIMIT
- [Pattern] MEMORIAL MARKER CONCRETE PER DETAIL 1, SHEET CS2.
- [Pattern] PATTERNED CONCRETE FOR DRIVEWAY

- GENERAL NOTES:**
- SEE RG SHEET FOR RAMP GRADING DETAILS.
 - SEE PS SHEETS FOR PAVEMENT MARKINGS/CROSSWALKS.
 - SEE DP SHEETS FOR DRIVEWAY PROFILES, GRADING DETAILS AND RESTORATION.
 - SEE DETAIL 2 ON SHEET DD2 FOR STORM PIPE TRENCH DETAIL.
 - SEE SHEET AL6 FOR ALIGNMENT LINE AND CURVE DATA.



F-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

CIVIL CONSTRUCTION NOTES:

- INSTALL STRUCTURAL EARTH WALL. SEE DETAILS ON SHEET WD1.
- CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL 4 ON SHEET MD1.
- PARALLEL CURB RAMP, PER WSDOT STD PLAN F-40.12-03.
- PERPENDICULAR CURB RAMP, PER WSDOT STD PLAN F-40.15-03.
- MOUNTABLE CEMENT CONCRETE TRAFFIC CURB, PER WSDOT STD PLAN F-10.12-04.
- STAMPED CONCRETE, SEE CS SHEETS.
- CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04.
- BUS LANDING PAD, PER KCDOT TRANSIT DRAWING D108, SECTION E. SEE APPENDIX DETAILS.
- WIDENED GUTTER PAN AT ALL COMBO INLET LOCATIONS PER DETAIL 3 ON SHEET DD2.
- ASPHALT RAMP TRANSITION TO EXISTING GROUND, SEE RG SHEET.
- POTHOLE TO VERIFY UTILITY DEPTH AND LOCATION. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS.
- CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- FIRE HYDRANT AND LATERAL LINE, BY OTHERS.
- INSTALL ABOVE GROUND POWER VAULT, BY OTHERS.
- 4" RISER WITH CAP, BY OTHERS.
- BLACK POWDER-COATED CHAIN LINK FENCE TYPE 6, SEE APPENDIX B IN SPECS FOR DETAILS.
- GRAVITY BLOCK WALL, SEE DETAILS ON SHEET WD1.
- RELOCATE EXISTING MAILBOX. INSTALL NEW MAILBOX SUPPORT TYPE 1, WOOD POST PER WSDOT STD PLAN H-70.10-01.
- CEMENT CONCRETE PEDESTRIAN CURB, PER WSDOT STD PLAN F-10.12-04.
- EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
- YELLOW PRECAST SLOPED MOUNTABLE CURB, PER WSDOT STD PLAN F-10.62-02.
- NOT USED.
- CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- SLIP RESISTANT LID, BY OTHERS.
- BLACK POWDER-COATED CHAIN LINK FENCE TYPE 1, SEE APPENDIX B IN SPECS FOR DETAILS. LOCATE AND IDENTIFY POSSIBLE CONFLICT AT EXISTING UTILITY CROSSING. RELOCATE AS NEEDED PER UTILITY CONFLICT RESOLUTION.
- CAST-IN-PLACE CONCRETE RETAINING WALL. SEE APPENDIX B FOR DETAILS.
- 6-INCH HMA CL1/2" PG 58H-22 BETWEEN CURBS FOR MEDIAN.
- NOT USED.
- INSTALL SLEEVE FOR UTILITY, PER DETAIL ON SHEET WD1.

STORMWATER CONSTRUCTION NOTES:

- CLEANING EXISTING DRAINAGE STRUCTURE.
- CONNECTION TO DRAINAGE STRUCTURE.
- PLUGGING EXISTING PIPE.
- INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES.
- REPLACE EXISTING GRATE OR COVER WITH SLIP RESISTANT LID. SEE SPECIAL PROVISIONS SECTION 7-05.
- INSTALL PERMEABLE BALLAST WITH CHECK, SEE DETAIL 2 AND 3 ON SHEET DD1.
- CONCRETE HEADWALL AND CASING/SLEEVE, SEE DETAIL 1 AND 4 ON SHEET DD2.
- ROCK PAD, SEE DETAIL 6 ON SHEET WD1.
- NOT USED.
- CURB INLET W/ 24" RISER, SEE DETAIL 1 ON SHEET DD1.
- COMBO INLET FRAME-GRATE-CURB BOX, SEE DETAIL 3 ON SHEET DD2. STRUCTURE REFERENCE POINT FOR COMBO INLET IS APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL CURB AND GUTTER LOCATIONS.
- HYDRODYNAMIC SEPARATOR. SEE SPECIAL PROVISIONS SECTION 7-05.
- NOT USED.

LAYOUT: AL2
 PATH: \\parametrix.com\pma\PSO\Projects\Clients\1521-151-151-L2ST-Seq\9955ca\CaDD\Phase 2C\Task 21200C\DWG-Burien
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:03:41 PM



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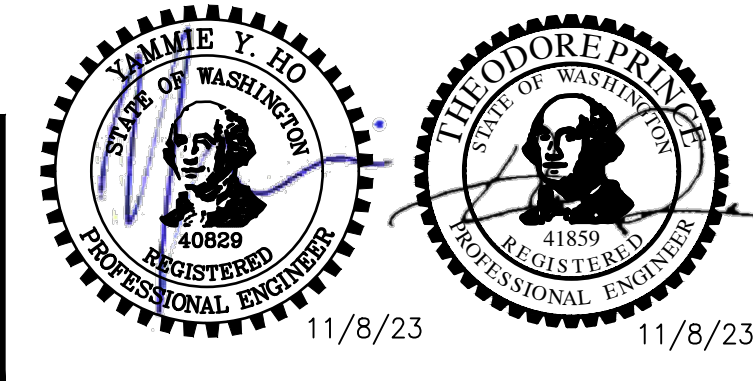
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
PS1521151P2CT2T2AL-01

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIEN**

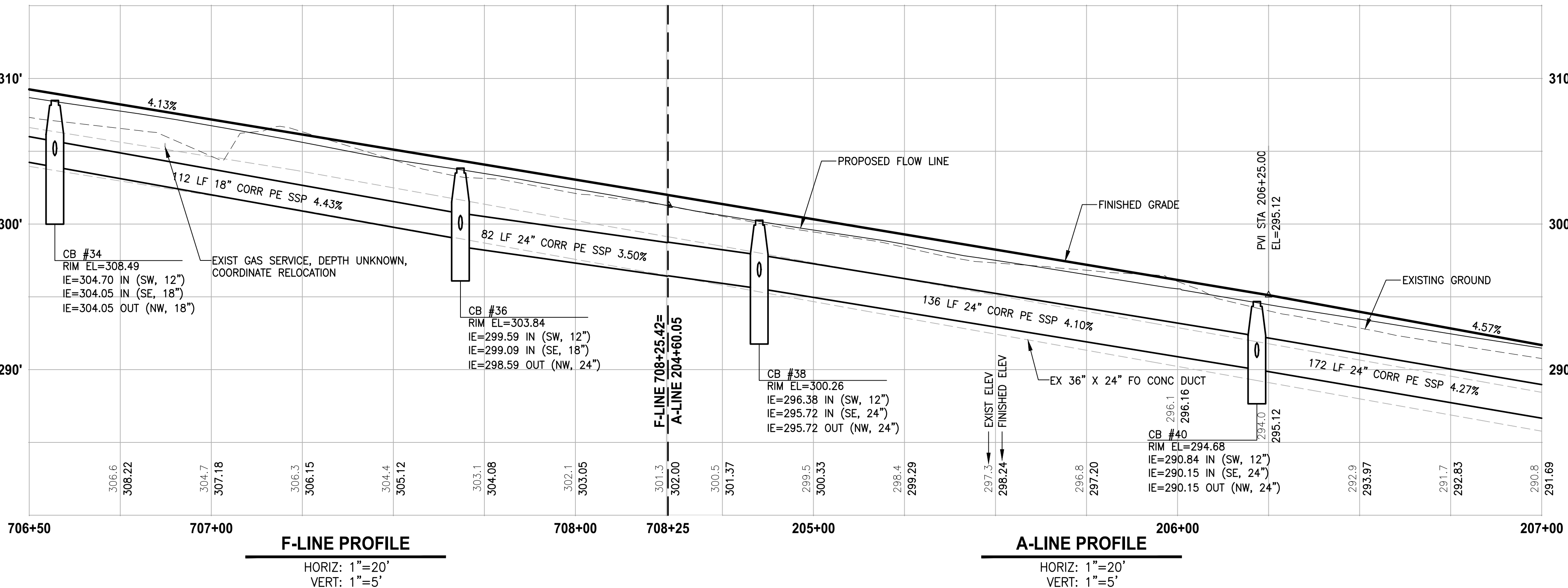
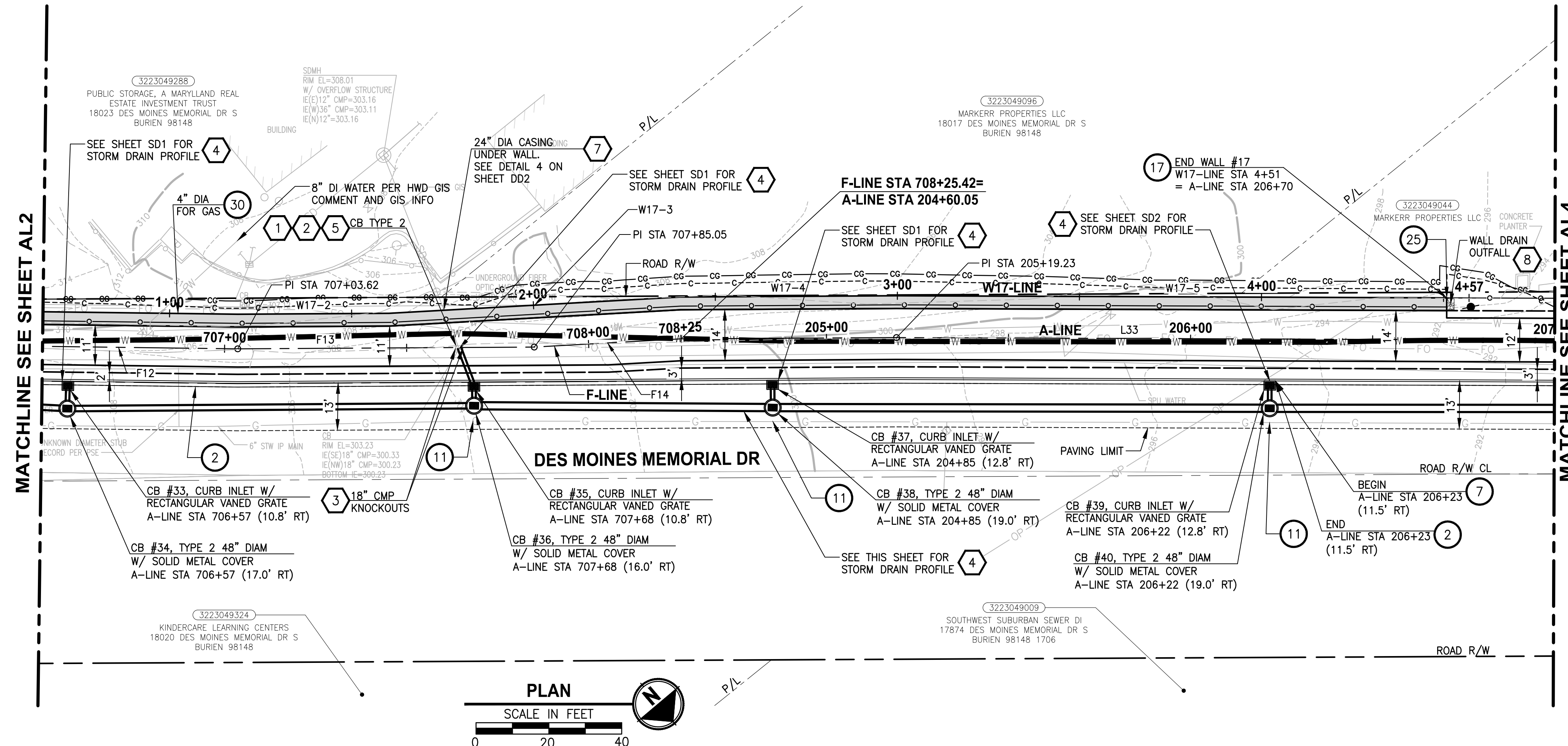
FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

PLAN AND PROFILE

SHEET NO.
12 OF 45

AL2

T 22N AND 23N, R 4E, W.M.



CIVIL CONSTRUCTION NOTES:

- 1 INSTALL STRUCTURAL EARTH WALL. SEE DETAILS ON SHEET WD1.
- 2 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL 4 ON SHEET MD1.
- 3 PARALLEL CURB RAMP, PER WSDOT STD PLAN F-40.12-03.
- 4 PERPENDICULAR CURB RAMP, PER WSDOT STD PLAN F-40.15-03.
- 5 MOUNTABLE CEMENT CONCRETE TRAFFIC CURB, PER WSDOT STD PLAN F-10.12-04.
- 6 STAMPED CONCRETE, SEE CS SHEETS.
- 7 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04.
- 8 BUS LANDING PAD, PER KCDOT TRANSIT DRAWING D108, SECTION E. SEE APPENDIX DETAILS.
- 9 WIDENED GUTTER PAN AT ALL COMBO INLET LOCATIONS PER DETAIL 3 ON SHEET DD2.
- 10 ASPHALT RAMP TRANSITION TO EXISTING GROUND, SEE RG SHEET.
- 11 POTHOLE TO VERIFY UTILITY DEPTH AND LOCATION. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS.
- 12 CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- 13 FIRE HYDRANT AND LATERAL LINE, BY OTHERS.
- 14 INSTALL ABOVE GROUND POWER VAULT, BY OTHERS.
- 15 4" RISER WITH CAP, BY OTHERS.
- 16 BLACK POWDER-COATED CHAIN LINK FENCE TYPE 6, SEE APPENDIX B IN SPECS FOR DETAILS.
- 17 GRAVITY BLOCK WALL, SEE DETAILS ON SHEET WD1.
- 18 RELOCATE EXISTING MAILBOX. INSTALL NEW MAILBOX SUPPORT TYPE 1, WOOD POST PER WSDOT STD PLAN H-70.10-01.
- 19 CEMENT CONCRETE PEDESTRIAN CURB, PER WSDOT STD PLAN F-10.12-04.
- 20 EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
- 21 YELLOW PRECAST SLOPED MOUNTABLE CURB, PER WSDOT STD PLAN F-10.62-02.
- 22 NOT USED.
- 23 CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- 24 SLIP RESISTANT LID, BY OTHERS.
- 25 BLACK POWDER-COATED CHAIN LINK FENCE TYPE 1, SEE APPENDIX B IN SPECS FOR DETAILS.
- 26 LOCATE AND IDENTIFY POSSIBLE CONFLICT AT EXISTING UTILITY CROSSING. RELOCATE AS NEEDED PER UTILITY CONFLICT RESOLUTION.
- 27 CAST-IN-PLACE CONCRETE RETAINING WALL. SEE APPENDIX B FOR DETAILS.
- 28 6-INCH HMA CL1/2" PG 58H-22 BETWEEN CURBS FOR MEDIAN.
- 29 NOT USED.
- 30 INSTALL SLEEVE FOR UTILITY, PER DETAIL ON SHEET WD1.

STORMWATER CONSTRUCTION NOTES:

- 1 CLEANING EXISTING DRAINAGE STRUCTURE.
- 2 CONNECTION TO DRAINAGE STRUCTURE.
- 3 PLUGGING EXISTING PIPE.
- 4 INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES.
- 5 REPLACE EXISTING GRATE OR COVER WITH SLIP RESISTANT LID. SEE SPECIAL PROVISIONS SECTION 7-05.
- 6 INSTALL PERMEABLE BALLAST WITH CHECK, SEE DETAIL 2 AND 3 ON SHEET DD1.
- 7 CONCRETE HEADWALL AND CASING/SLEEVE, SEE DETAIL 1 AND 4 ON SHEET DD2.
- 8 ROCK PAD, SEE DETAIL 6 ON SHEET WD1.
- 9 NOT USED.
- 10 CURB INLET W/ 24" RISER, SEE DETAIL 1 ON SHEET DD1.
- 11 COMBO INLET FRAME-GRATE-CURB BOX, SEE DETAIL 3 ON SHEET DD2. STRUCTURE REFERENCE POINT FOR COMBO INLET IS APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL CURB AND GUTTER LOCATIONS.
- 12 HYDRODYNAMIC SEPARATOR. SEE SPECIAL PROVISIONS SECTION 7-05.
- 13 NOT USED.

811
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LEGEND:

- CEMENT CONCRETE PAVEMENT OR SIDEWALK
- ROADWAY PAVING LIMIT
- MEMORIAL MARKER CONCRETE PER DETAIL 1, SHEET CS2.
- PATTERNED CONCRETE FOR DRIVEWAY

GENERAL NOTES:

1. SEE RG SHEET FOR RAMP GRADING DETAILS.
2. SEE PS SHEETS FOR PAVEMENT MARKINGS/CROSSWALKS.
3. SEE DP SHEETS FOR DRIVEWAY PROFILES, GRADING DETAILS AND RESTORATION.
4. SEE DETAIL 2 ON SHEET DD2 FOR STORM PIPE TRENCH DETAIL.
5. SEE SHEET AL6 FOR ALIGNMENT LINE AND CURVE DATA.

PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:04:06 PM
 PATH: \\parametrix.com\pma\PSO\Projects\Clients\1521-151 L2ST-Seq\995563\CaADD\Phase 2C\Task 21200C\DWG-Burien
 LAYOUT: AL3

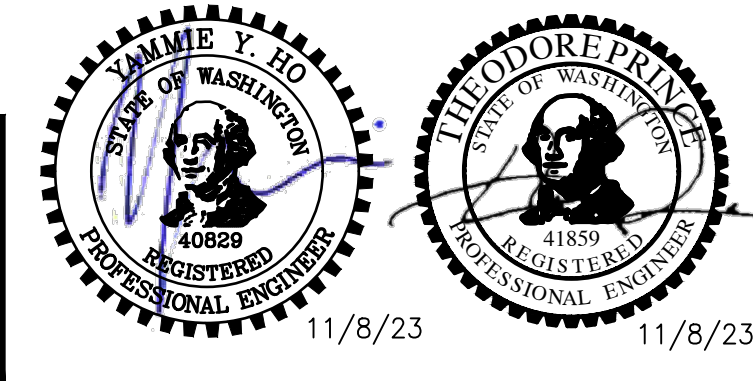
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE.
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FILE NAME
PS1521151P2CT2T2AL-01

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



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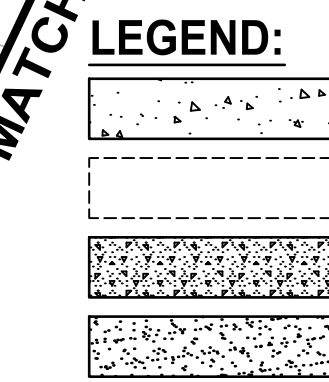
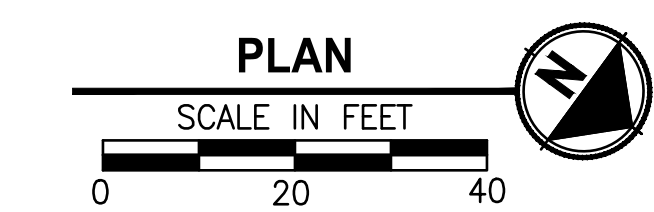
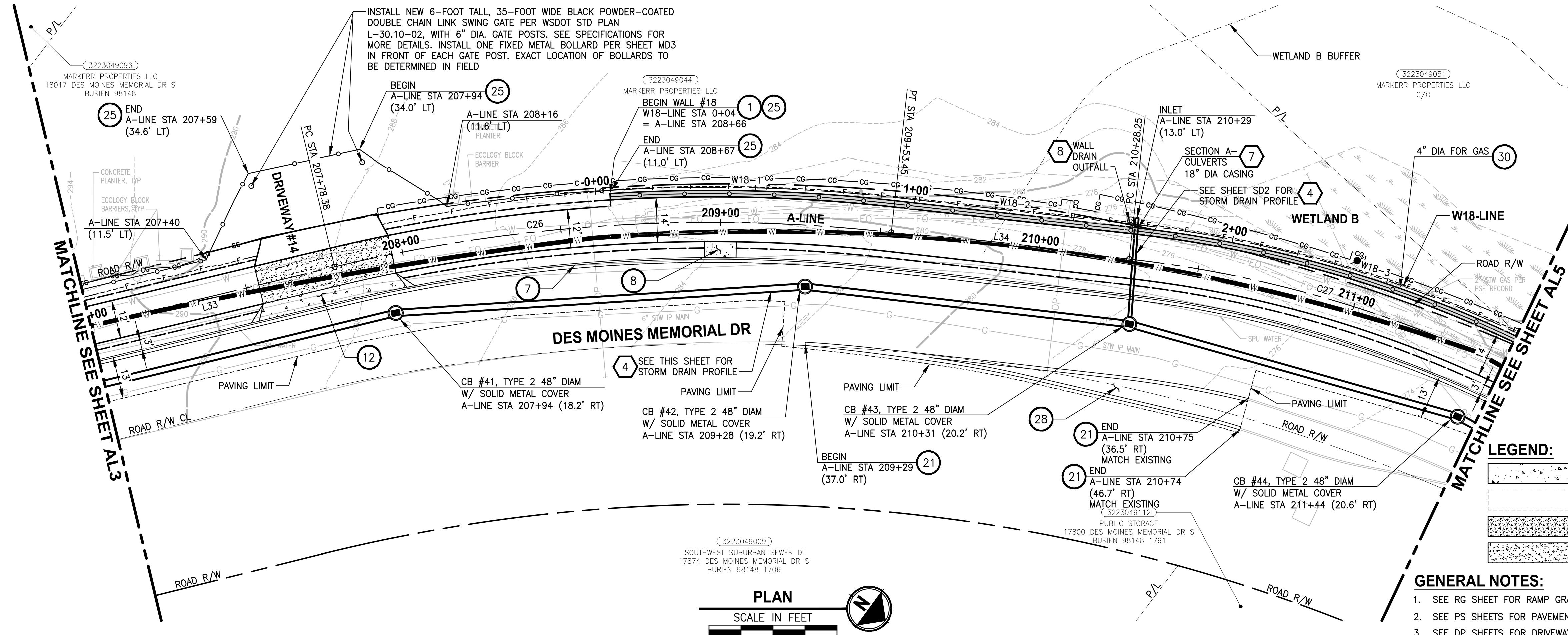
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIED**
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

PLAN AND PROFILE

SHEET NO.
13 OF 45
AL3

T 22N AND 23N, R 4E, W.M.



GENERAL NOTES:

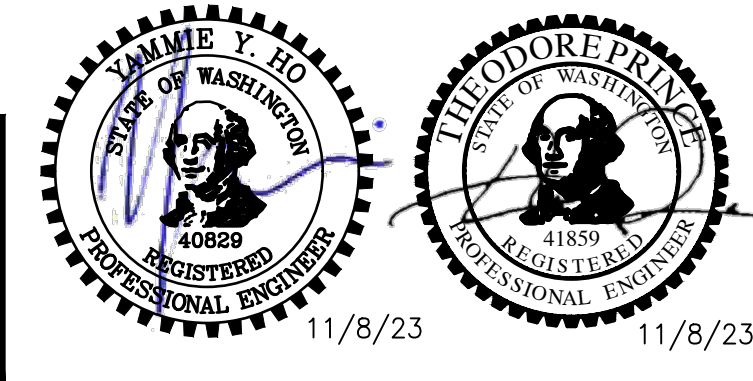
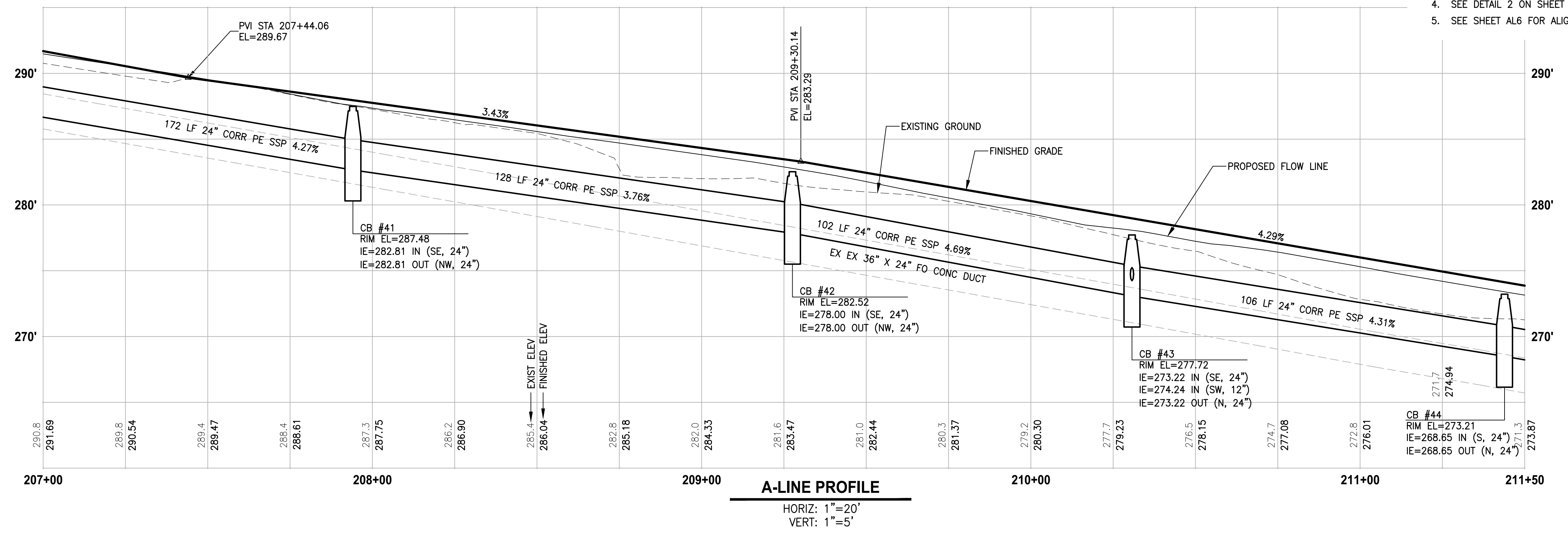
- SEE RG SHEET FOR RAMP GRADING DETAILS.
- SEE PS SHEETS FOR PAVEMENT MARKINGS/CROSSWALKS.
- SEE DP SHEETS FOR DRIVEWAY PROFILES, GRADING DETAILS AND RESTORATION.
- SEE DETAIL 2 ON SHEET DD2 FOR STORM PIPE TRENCH DETAIL.
- SEE SHEET AL6 FOR ALIGNMENT LINE AND CURVE DATA.

CIVIL CONSTRUCTION NOTES:

- INSTALL STRUCTURAL EARTH WALL. SEE DETAILS ON SHEET WD1.
- CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL 4 ON SHEET MD1.
- PARALLEL CURB RAMP, PER WSDOT STD PLAN F-40.12-03.
- PERPENDICULAR CURB RAMP, PER WSDOT STD PLAN F-40.15-03.
- MOUNTABLE CEMENT CONCRETE TRAFFIC CURB, PER WSDOT STD PLAN F-10.12-04.
- STAMPED CONCRETE, SEE CS SHEETS.
- CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04.
- BUS LANDING PAD, PER KCDOT TRANSIT DRAWING D108, SECTION E. SEE APPENDIX DETAILS.
- WIDENED GUTTER PAN AT ALL COMBO INLET LOCATIONS PER DETAIL 3 ON SHEET DD2.
- ASPHALT RAMP TRANSITION TO EXISTING GROUND, SEE RG SHEET.
- POTHOLE TO VERIFY UTILITY DEPTH AND LOCATION. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS.
- CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- FIRE HYDRANT AND LATERAL LINE, BY OTHERS.
- INSTALL ABOVE GROUND POWER VAULT, BY OTHERS.
- 4" RISER WITH CAP, BY OTHERS.
- BLACK POWDER-COATED CHAIN LINK FENCE TYPE 6, SEE APPENDIX B IN SPECS FOR DETAILS.
- GRAVITY BLOCK WALL, SEE DETAILS ON SHEET WD1.
- RELOCATE EXISTING MAILBOX. INSTALL NEW MAILBOX SUPPORT TYPE 1, WOOD POST PER WSDOT STD PLAN H-70.10-01.
- CEMENT CONCRETE PEDESTRIAN CURB, PER WSDOT STD PLAN F-10.12-04.
- EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
- YELLOW PRECAST SLOPED MOUNTABLE CURB, PER WSDOT STD PLAN F-10.62-02.
- NOT USED.
- CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
- SLIP RESISTANT LID, BY OTHERS.
- BLACK POWDER-COATED CHAIN LINK FENCE TYPE 1, SEE APPENDIX B IN SPECS FOR DETAILS. LOCATE AND IDENTIFY POSSIBLE CONFLICT AT EXISTING UTILITY CROSSING. RELOCATE AS NEEDED PER UTILITY CONFLICT RESOLUTION.
- CAST-IN-PLACE CONCRETE RETAINING WALL. SEE APPENDIX B FOR DETAILS.
- 6-INCH HMA CL1/2" PG 58H-22 BETWEEN CURBS FOR MEDIAN.
- NOT USED.
- INSTALL SLEEVE FOR UTILITY, PER DETAIL ON SHEET WD1.

STORMWATER CONSTRUCTION NOTES:

- CLEANING EXISTING DRAINAGE STRUCTURE.
- CONNECTION TO DRAINAGE STRUCTURE.
- PLUGGING EXISTING PIPE.
- INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES.
- REPLACE EXISTING GRATE OR COVER WITH SLIP RESISTANT LID. SEE SPECIAL PROVISIONS SECTION 7-05.
- INSTALL PERMEABLE BALLAST WITH CHECK, SEE DETAIL 2 AND 3 ON SHEET DD1.
- CONCRETE HEADWALL AND CASING/SLEEVE, SEE DETAIL 1 AND 4 ON SHEET DD2.
- ROCK PAD, SEE DETAIL 6 ON SHEET WD1.
- NOT USED.
- CURB INLET W/ 24" RISER, SEE DETAIL 1 ON SHEET DD1.
- COMBO INLET FRAME-GRATE-CURB BOX, SEE DETAIL 3 ON SHEET DD2. STRUCTURE REFERENCE POINT FOR COMBO INLET IS APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL CURB AND GUTTER LOCATIONS.
- HYDRODYNAMIC SEPARATOR. SEE SPECIAL PROVISIONS SECTION 7-05.
- NOT USED.



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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIE**
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

PLAN AND PROFILE

SHEET NO.
14 OF 45

AL4

LAYOUT: AL4 PATH: \\parametrix.com\pma\PSO\Projects\Clients\1521-151-L2ST-Seq\9955ca\CaDD\Phase 2C\Task 21200C\DWG-Burien PLOTTED BY: purganub DATE: Wednesday, November 8, 2023 12:04:33 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|------------------------------|
| | | | Y. HO/T. PRINCE |
| | | | DRAWN B. PURGANAN |
| | | | CHECKED J. DVORAK/J. COOP |
| | | | APPROVED J. BAILEY |

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

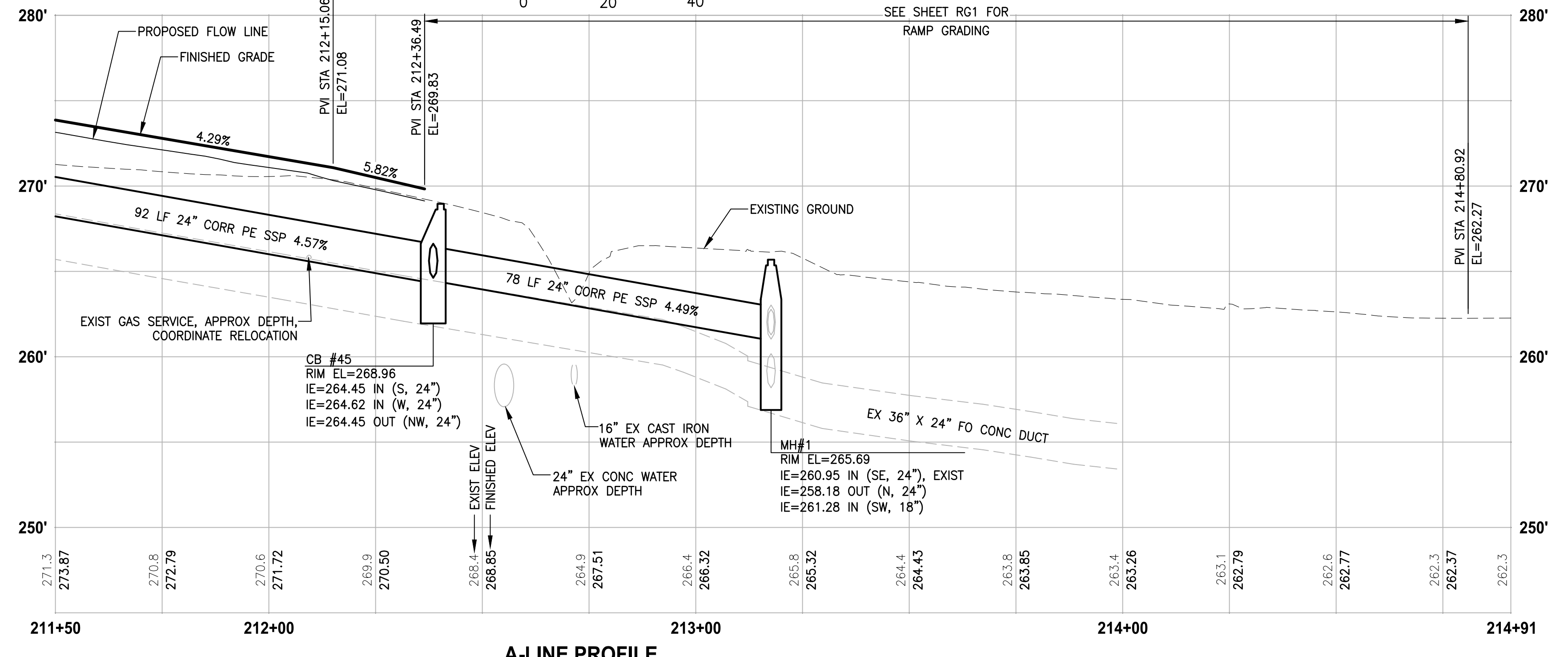
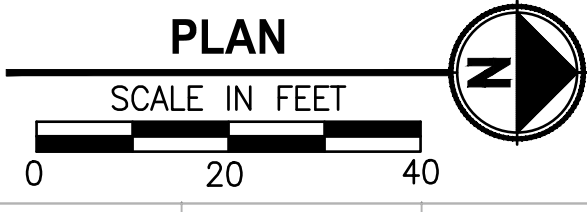
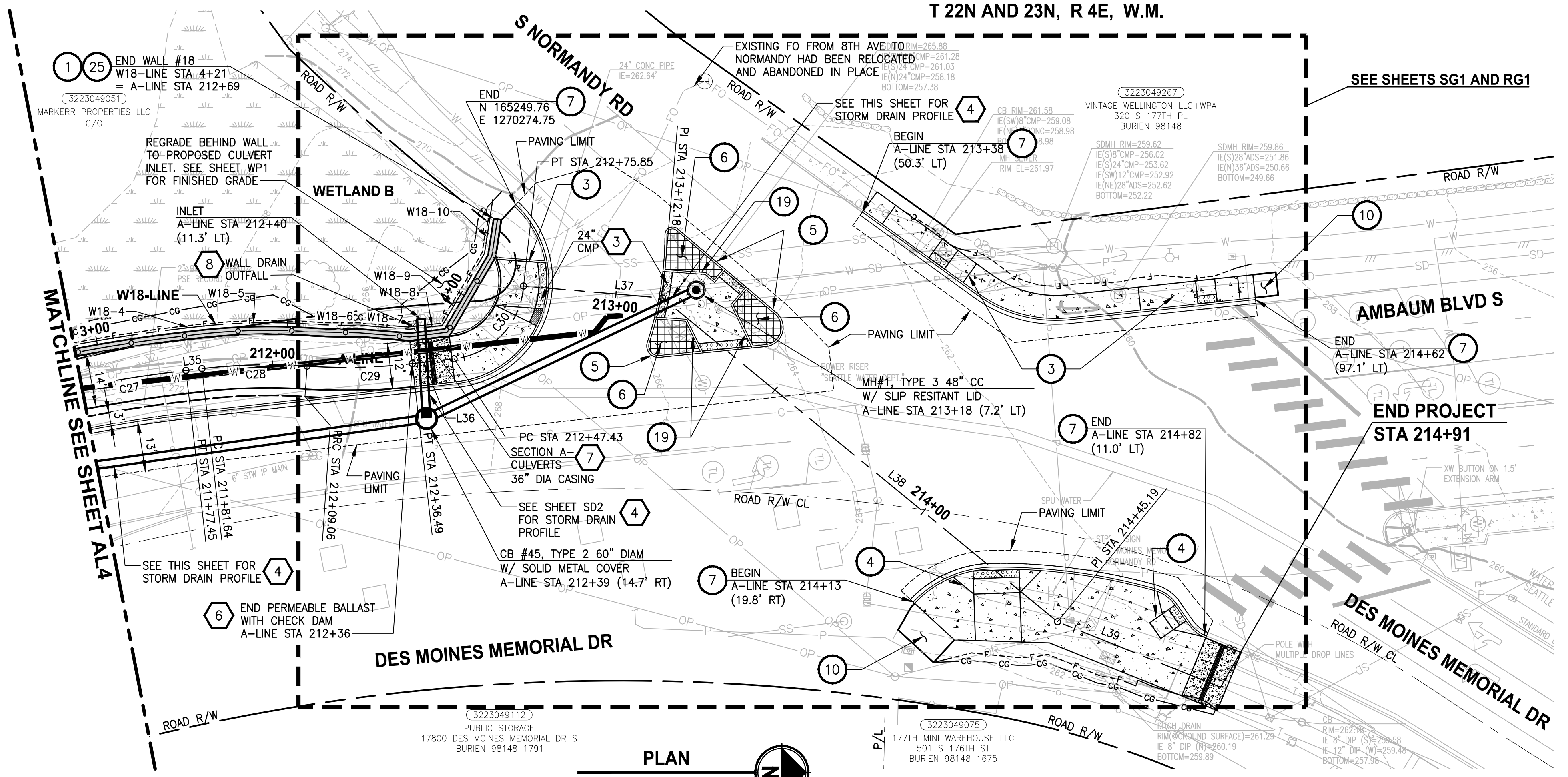
FILE NAME
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JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023

LAYOUT: AL5
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151-L2ST-Seq\9955ca\CaDD\Phase 2C\Task 21200C\DWG-Burien
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:05:02 PM

T 22N AND 23N, R 4E, W.M.



A-LINE PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

CIVIL CONSTRUCTION NOTES:

1. INSTALL STRUCTURAL EARTH WALL. SEE DETAILS ON SHEET WD1.
2. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL 4 ON SHEET MD1.
3. PARALLEL CURB RAMP, PER WSDOT STD PLAN F-40.12-03.
4. PERPENDICULAR CURB RAMP, PER WSDOT STD PLAN F-40.15-03.
5. MOUNTABLE CEMENT CONCRETE TRAFFIC CURB, PER WSDOT STD PLAN F-10.12-04.
6. STAMPED CONCRETE, SEE CS SHEETS.
7. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12-04.
8. BUS LANDING PAD, PER KCDOT TRANSIT DRAWING D108, SECTION E. SEE APPENDIX DETAILS.
9. WIDENED GUTTER PAN AT ALL COMBO INLET LOCATIONS PER DETAIL 3 ON SHEET DD2.
10. ASPHALT RAMP TRANSITION TO EXISTING GROUND, SEE RG SHEET.
11. POTHOLE TO VERIFY UTILITY DEPTH AND LOCATION. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS.
12. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
13. FIRE HYDRANT AND LATERAL LINE, BY OTHERS.
14. INSTALL ABOVE GROUND POWER VAULT, BY OTHERS.
15. 4" RISER WITH CAP, BY OTHERS.
16. BLACK POWDER-COATED CHAIN LINK FENCE TYPE 6, SEE APPENDIX B IN SPECS FOR DETAILS.
17. GRAVITY BLOCK WALL, SEE DETAILS ON SHEET WD1.
18. RELOCATE EXISTING MAILBOX. INSTALL NEW MAILBOX SUPPORT TYPE 1, WOOD POST PER WSDOT STD PLAN H-70.10-01.
19. CEMENT CONCRETE PEDESTRIAN CURB, PER WSDOT STD PLAN F-10.12-04.
20. EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.
21. YELLOW PRECAST SLOPED MOUNTABLE CURB, PER WSDOT STD PLAN F-10.62-02.
22. NOT USED.
23. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1, PER WSDOT STD PLAN F-80.10-04. SEE DP SHEETS FOR DETAILS.
24. SLIP RESISTANT LID, BY OTHERS.
25. BLACK POWDER-COATED CHAIN LINK FENCE TYPE 1, SEE APPENDIX B IN SPECS FOR DETAILS.
26. LOCATE AND IDENTIFY POSSIBLE CONFLICT AT EXISTING UTILITY CROSSING. RELOCATE AS NEEDED PER UTILITY CONFLICT RESOLUTION.
27. CAST-IN-PLACE CONCRETE RETAINING WALL. SEE APPENDIX B FOR DETAILS.
28. 6-INCH HMA CL1/2" PG 58H-22 BETWEEN CURBS FOR MEDIAN.
29. NOT USED.
30. INSTALL SLEEVE FOR UTILITY, PER DETAIL ON SHEET WD1.

STORMWATER CONSTRUCTION NOTES:

1. CLEANING EXISTING DRAINAGE STRUCTURE.
2. CONNECTION TO DRAINAGE STRUCTURE.
3. PLUGGING EXISTING PIPE.
4. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE THIS SHEET AND SD SHEETS FOR PROFILES AND GENERAL STORMWATER NOTES.
5. REPLACE EXISTING GRATE OR COVER WITH SLIP RESISTANT LID. SEE SPECIAL PROVISIONS SECTION 7-05.
6. INSTALL PERMEABLE BALLAST WITH CHECK, SEE DETAIL 2 AND 3 ON SHEET DD1.
7. CONCRETE HEADWALL AND CASING/SLEEVE, SEE DETAIL 1 AND 4 ON SHEET DD2.
8. ROCK PAD, SEE DETAIL 6 ON SHEET WD1.
9. NOT USED.
10. CURB INLET W/ 24" RISER, SEE DETAIL 1 ON SHEET DD1.
11. COMBO INLET FRAME-GRATE-CURB BOX, SEE DETAIL 3 ON SHEET DD2. STRUCTURE REFERENCE POINT FOR COMBO INLET IS APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL CURB AND GUTTER LOCATIONS.
12. HYDRODYNAMIC SEPARATOR. SEE SPECIAL PROVISIONS SECTION 7-05.
13. NOT USED.



Know what's below.
 Call before you dig.

LEGEND:

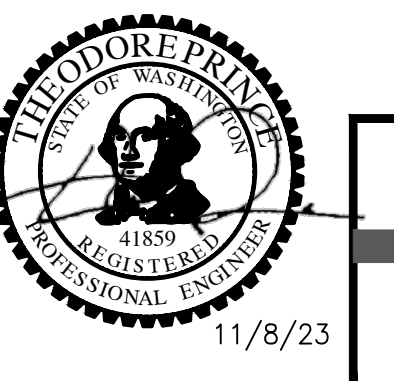
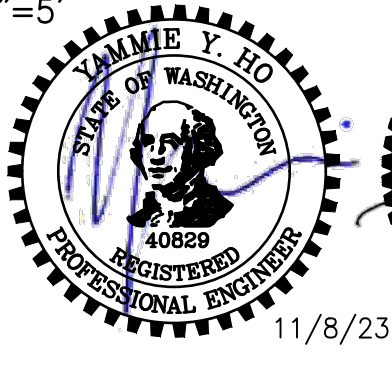
- CEMENT CONCRETE PAVEMENT OR SIDEWALK
- ROADWAY PAVING LIMIT
- MEMORIAL MARKER CONCRETE PER DETAIL 1, SHEET CS2.
- PATTERNED CONCRETE FOR DRIVEWAY

GENERAL NOTES:

1. SEE RG SHEET FOR RAMP GRADING DETAILS.
2. SEE PS SHEETS FOR PAVEMENT MARKINGS/CROSSWALKS.
3. SEE DP SHEETS FOR DRIVEWAY PROFILES, GRADING DETAILS AND RESTORATION.
4. SEE DETAIL 2 ON SHEET DD2 FOR STORM PIPE TRENCH DETAIL.
5. SEE SHEET AL6 FOR ALIGNMENT LINE AND CURVE DATA.

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------------|
| | | | Y. HO/T. PRINCE |
| | | | B. PURGANAN |
| | | | J. DVORAK/J. COOP |
| | | | J. BAILEY |

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 FILE NAME: PS1521151P2C2T2AL-01
 JOB No: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIE**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

PLAN AND PROFILE

SHEET NO.
15 OF 45
AL5

T 22N AND 23N, R 4E, W.M.

| A-LINE LINE TABLE | | | | | | |
|-------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| L30 | 228.03 | N50° 19' 26"W | 1271523.96 | 163971.29 | 1271348.46 | 164116.88 |
| L33 | 259.16 | N49° 38' 56"W | 1270710.06 | 164656.42 | 1270512.56 | 164824.22 |
| L34 | 74.79 | N29° 45' 59"W | 1270401.27 | 164958.23 | 1270364.14 | 165023.15 |
| L35 | 4.19 | N6° 35' 57"W | 1270317.90 | 165163.94 | 1270317.41 | 165168.10 |
| L36 | 10.94 | N6° 35' 57"W | 1270316.11 | 165222.86 | 1270314.86 | 165233.73 |
| L37 | 36.33 | N4° 57' 11"E | 1270295.91 | 165251.82 | 1270299.04 | 165288.01 |
| L38 | 133.01 | N39° 21' 07"E | 1270299.04 | 165288.01 | 1270383.38 | 165390.87 |
| L39 | 45.73 | N21° 54' 00"E | 1270383.38 | 165390.87 | 1270400.44 | 165433.30 |
| L40 | 4.94 | N3° 01' 56"E | 1272920.27 | 160222.75 | 1272920.53 | 160227.69 |
| L41 | 73.20 | S89° 04' 14"W | 1272061.00 | 161897.39 | 1271987.81 | 161896.21 |

| A-LINE CURVE TABLE (MAIN LINE) | | | |
|-----------------------------------|---------|---------|-----------|
| CURVE ID | LENGTH | RADIUS | DELTA |
| C26 | 175.07' | 504.50' | 19°52'57" |
| C27 | 149.20' | 369.00' | 23°10'02" |
| C28 | 27.42' | 150.00' | 10°28'31" |
| C29 | 27.42' | 150.00' | 10°28'31" |
| C30 | 28.43' | 20.50' | 79°26'50" |
| C31 | 44.39' | 75.00' | 33°54'47" |

| W18-LINE LINE TABLE | | | | | | |
|---------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| W18-2 | 74.79 | N29° 45' 59"W | 1270391.75 | 164952.76 | 1270354.62 | 165017.69 |
| W18-4 | 4.19 | N6° 35' 57"W | 1270307.00 | 165162.68 | 1270306.51 | 165166.84 |
| W18-7 | 13.08 | N4° 42' 45"E | 1270306.09 | 165209.08 | 1270307.17 | 165222.12 |
| W18-8 | 8.62 | N6° 35' 57"W | 1270307.17 | 165222.12 | 1270306.17 | 165230.68 |
| W18-9 | 21.74 | N59° 41' 45"W | 1270306.17 | 165230.68 | 1270287.40 | 165241.65 |
| W18-10 | 14.19 | N81° 14' 48"W | 1270287.40 | 165241.65 | 1270273.38 | 165243.81 |

| W18-LINE CURVE TABLE | | | | | | | |
|----------------------|---------|---------|-----------|---------------|----------------|-------------|--------------|
| CURVE ID | LENGTH | RADIUS | DELTA | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| W18-1 | 93.76' | 515.50' | 10°25'16" | 1270445.42 | 164876.04 | 1270391.75 | 164952.76 |
| W18-3 | 153.65' | 380.00' | 23°10'02" | 1270354.62 | 165017.69 | 1270307.00 | 165162.68 |
| W18-5 | 29.44' | 161.00' | 10°28'31" | 1270306.51 | 165166.84 | 1270305.82 | 165196.22 |
| W18-6 | 12.86' | 139.00' | 5°18'10" | 1270305.82 | 165196.22 | 1270306.09 | 165209.08 |

| W-17-LINE LINE TABLE | | | | | | |
|----------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| W17-1 | 118.75 | N49° 08' 11"W | 1270934.03 | 164457.24 | 1270844.22 | 164534.94 |
| W17-2 | 41.52 | N50° 12' 30"W | 1270844.22 | 164534.94 | 1270812.31 | 164561.51 |
| W17-3 | 80.10 | N53° 04' 15"W | 1270812.31 | 164561.51 | 1270748.28 | 164609.64 |
| W17-4 | 59.35 | N50° 12' 30"W | 1270748.28 | 164609.64 | 1270702.68 | 164647.62 |
| W17-5 | 157.28 | N49° 38' 56"W | 1270702.68 | 164647.62 | 1270582.82 | 164749.45 |

| F-LINE LINE TABLE | | | | | | |
|-------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| F1 | 47.96 | N50° 19' 26"W | 1271385.37 | 164086.26 | 1271348.46 | 164116.88 |
| F2 | 5.33 | N50° 13' 14"W | 1271348.46 | 164116.88 | 1271344.36 | 164120.29 |
| F3 | 28.29 | N46° 08' 06"W | 1271344.36 | 164120.29 | 1271323.96 | 164139.90 |
| F4 | 296.96 | N50° 13' 14"W | 1271323.96 | 164139.90 | 1271095.74 | 164329.90 |
| F5 | 15.30 | N49° 08' 11"W | 1271095.74 | 164329.90 | 1271084.17 | 164339.91 |
| F6 | 105.43 | N49° 08' 11"W | 1271084.17 | 164339.91 | 1271004.44 | 164408.89 |
| F9 | 69.41 | N49° 08' 11"W | 1270981.03 | 164434.43 | 1270928.54 | 164479.84 |
| F12 | 65.49 | N49° 08' 11"W | 1270899.90 | 164499.33 | 1270850.37 | 164542.18 |
| F13 | 81.43 | N50° 12' 30"W | 1270850.37 | 164542.18 | 1270787.80 | 164594.30 |
| F14 | 40.37 | N53° 04' 15"W | 1270787.80 | 164594.30 | 1270755.53 | 164618.55 |

| F-LINE CURVE TABLE | | | | | | | |
|--------------------|--------|--------|-----------|---------------|----------------|-------------|--------------|
| CURVE ID | LENGTH | RADIUS | DELTA | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| F7 | 17.36' | 75.00' | 13°15'41" | 1271004.44 | 164408.89 | 1270992.74 | 164421.66 |
| F8 | 17.36' | 75.00' | 13°15'41" | 1270992.74 | 164421.66 | 1270981.03 | 164434.43 |
| F10 | 17.36' | 75.00' | 13°15'41" | 1270928.54 | 164479.84 | 1270914.22 | 164489.59 |
| F11 | 17.36' | 75.00' | 13°15'41" | 1270914.22 | 164489.59 | 1270899.90 | 164499.33 |

LAYOUT: AL6 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151-L2ST-Seq\995svca\CADD\Phase 2C\Task 21200C\DWG-Burien PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:05:27 PM

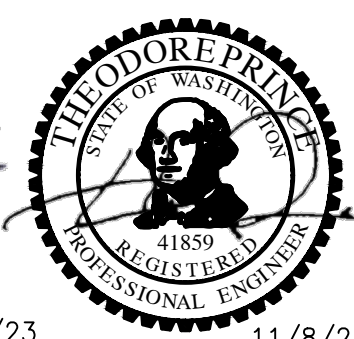
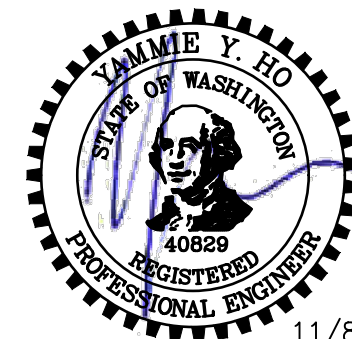
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|------------------------------|
| | | | Y. HO/C. BUITRAGO |
| | | | DRAWN B. PURGANAN |
| | | | CHECKED J. DVORAK/J. COOP |
| | | | APPROVED J. BAILEY |

ONE INCH AT FULL SCALE.
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FILE NAME
PS1521151P2CT2T2AL-01

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIED**

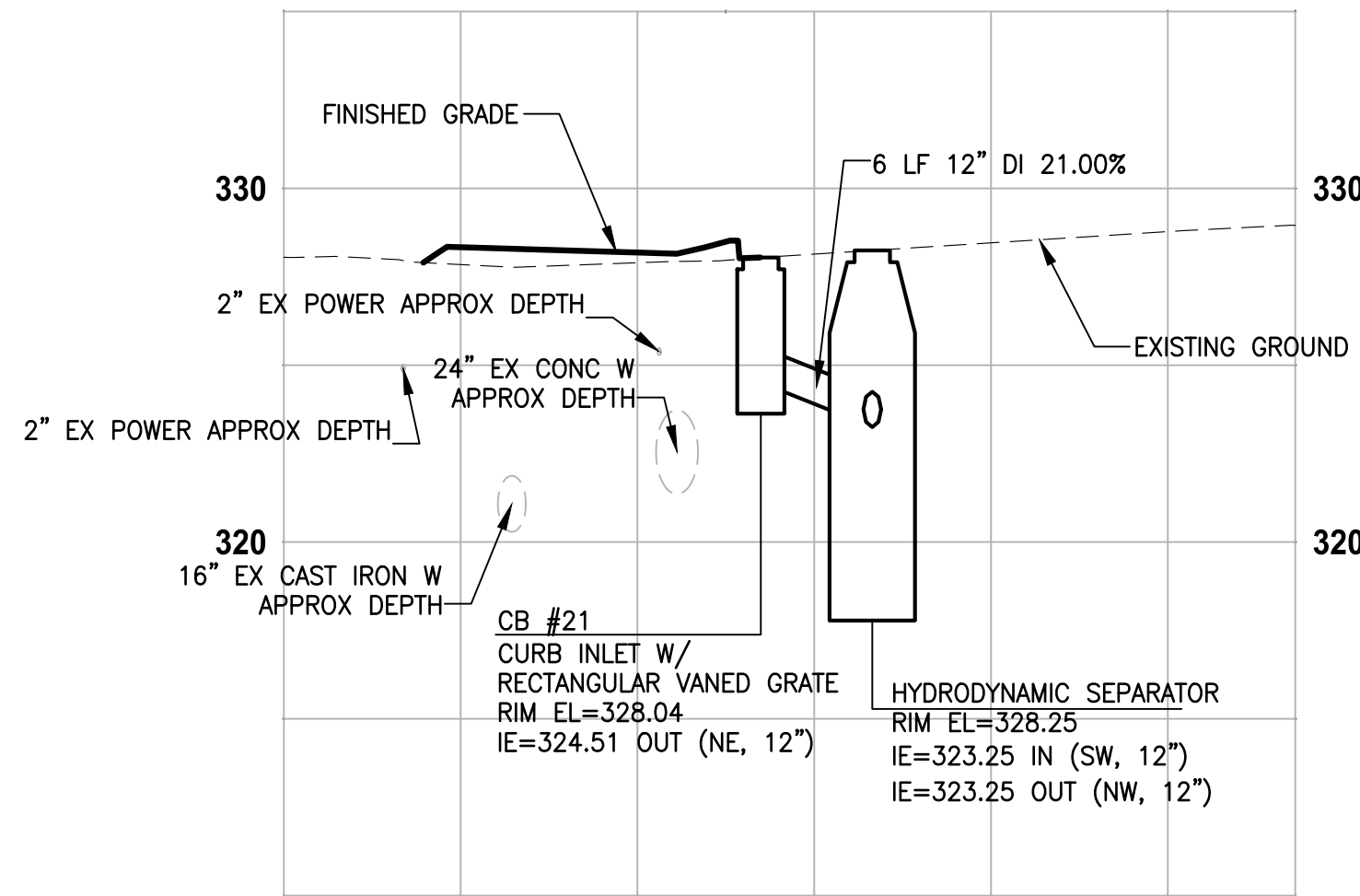
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

ALIGNMENT TABLE

SHEET NO.
16 OF 45

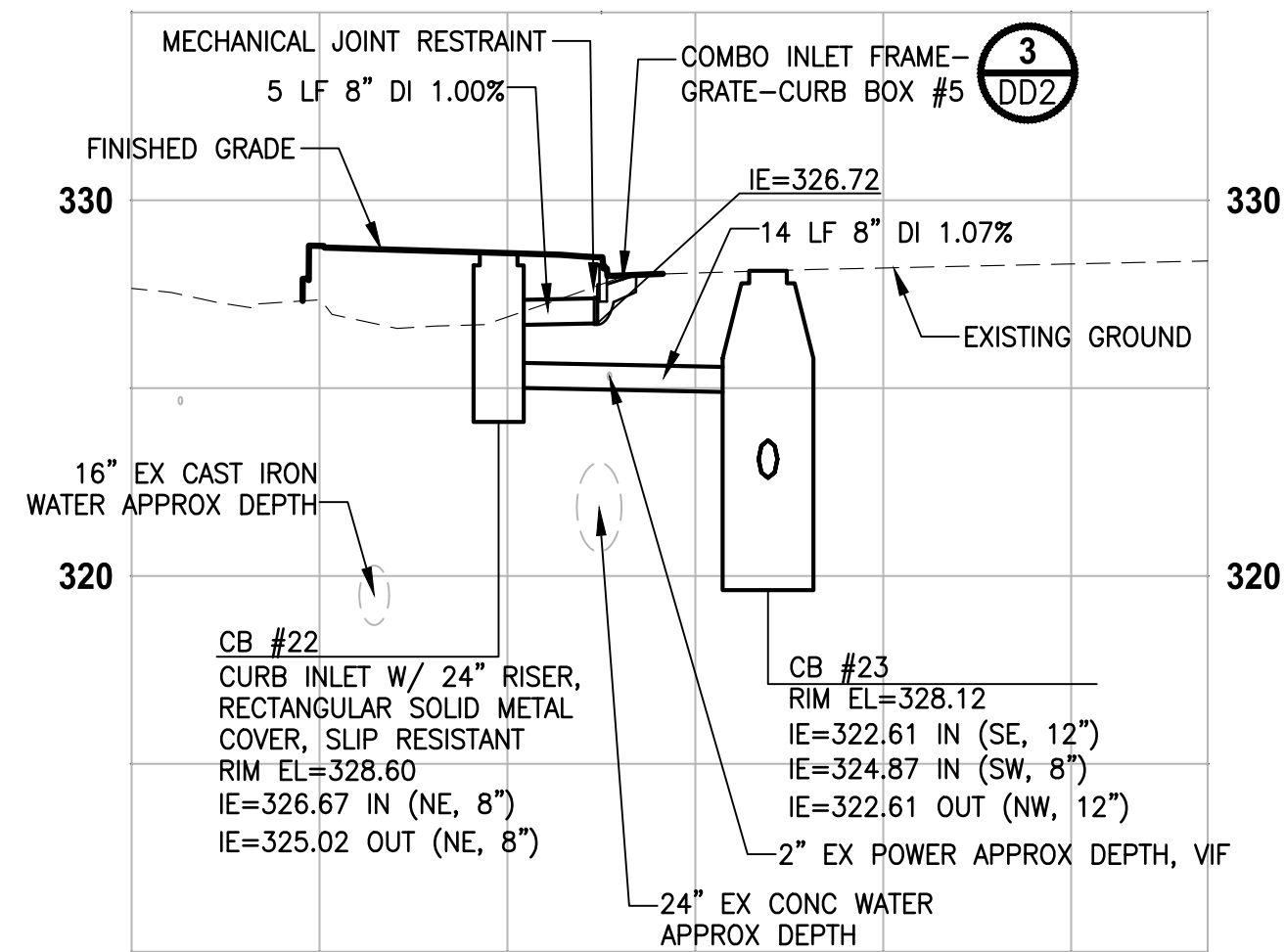
AL6

T 22N AND 23N, R 4E, W.M.



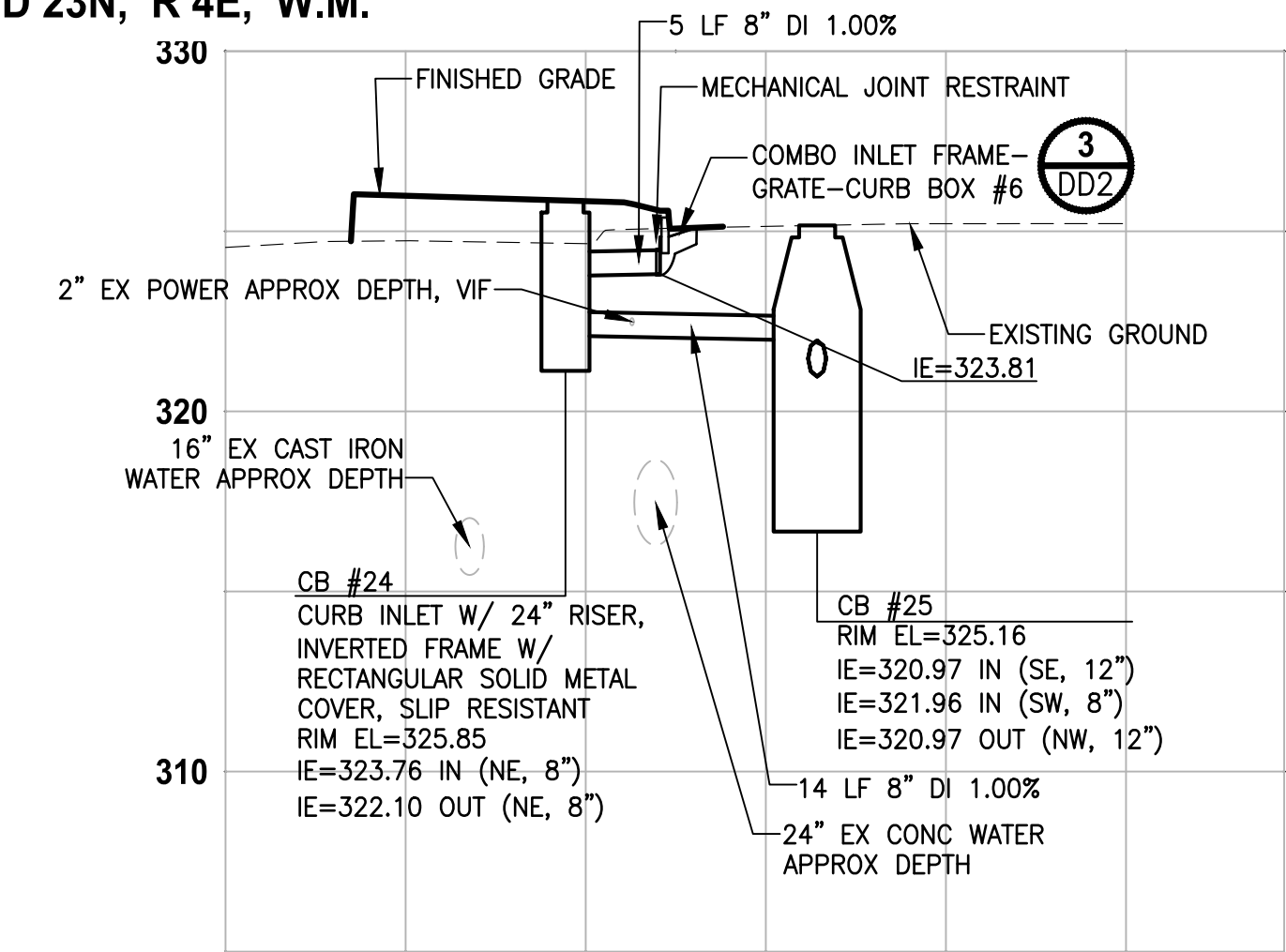
PROFILE A-LINE STA 195+82

HORIZ: 1"=10'
VERT: 1"=5'



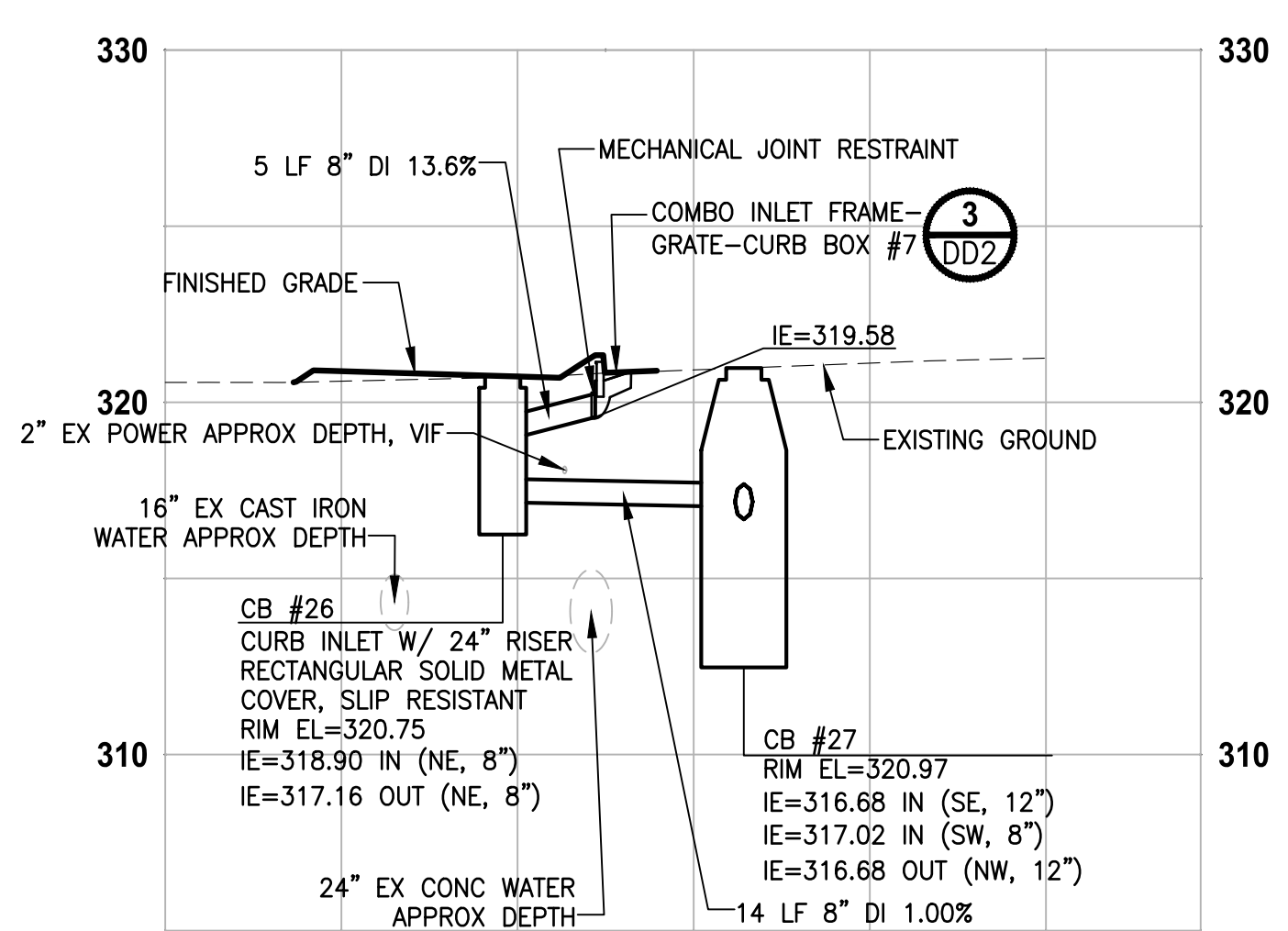
PROFILE F-LINE STA 700+75

HORIZ: 1"=10'
VERT: 1"=5'



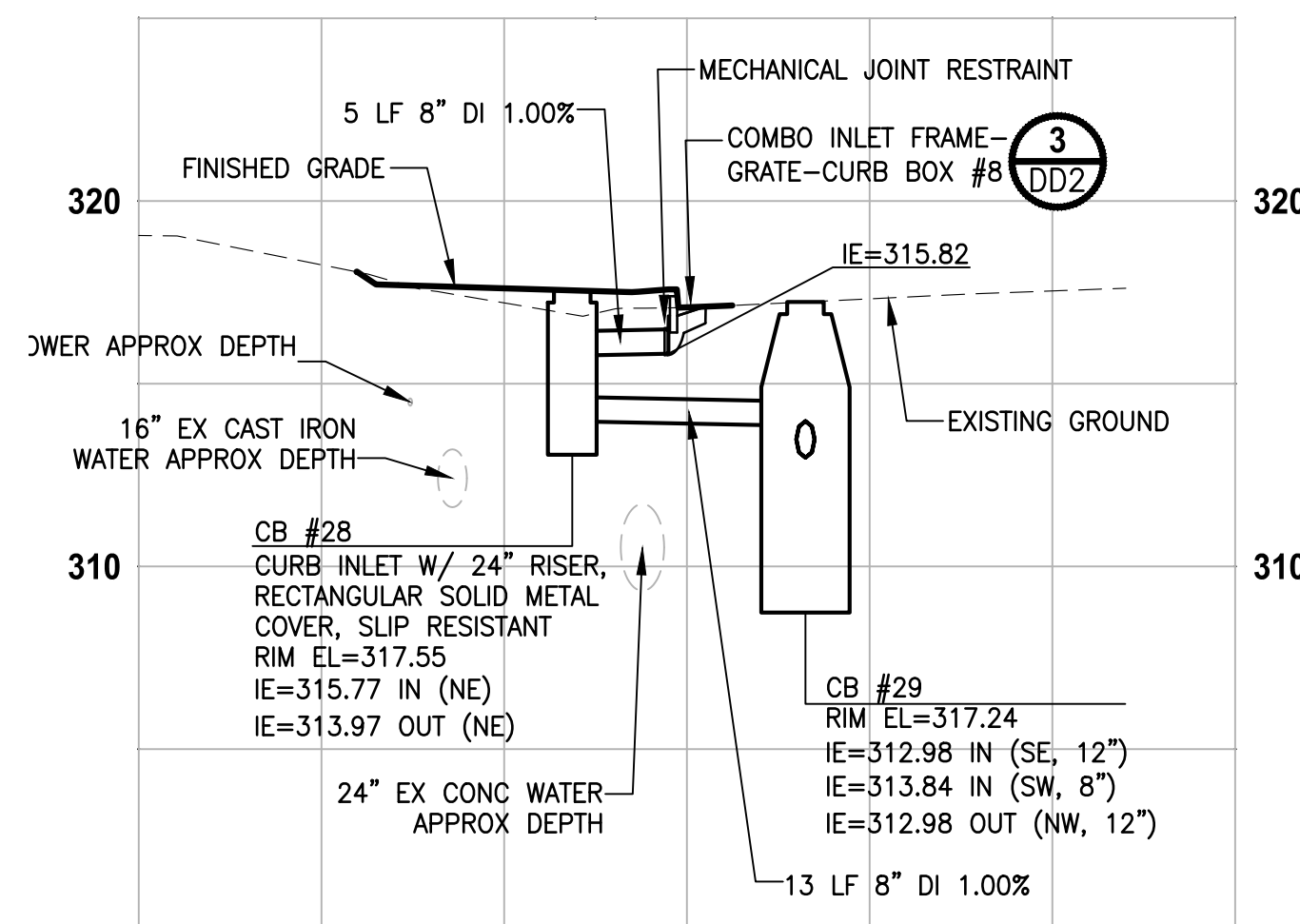
PROFILE F-LINE STA 702+33

HORIZ: 1"=10'
VERT: 1"=5'



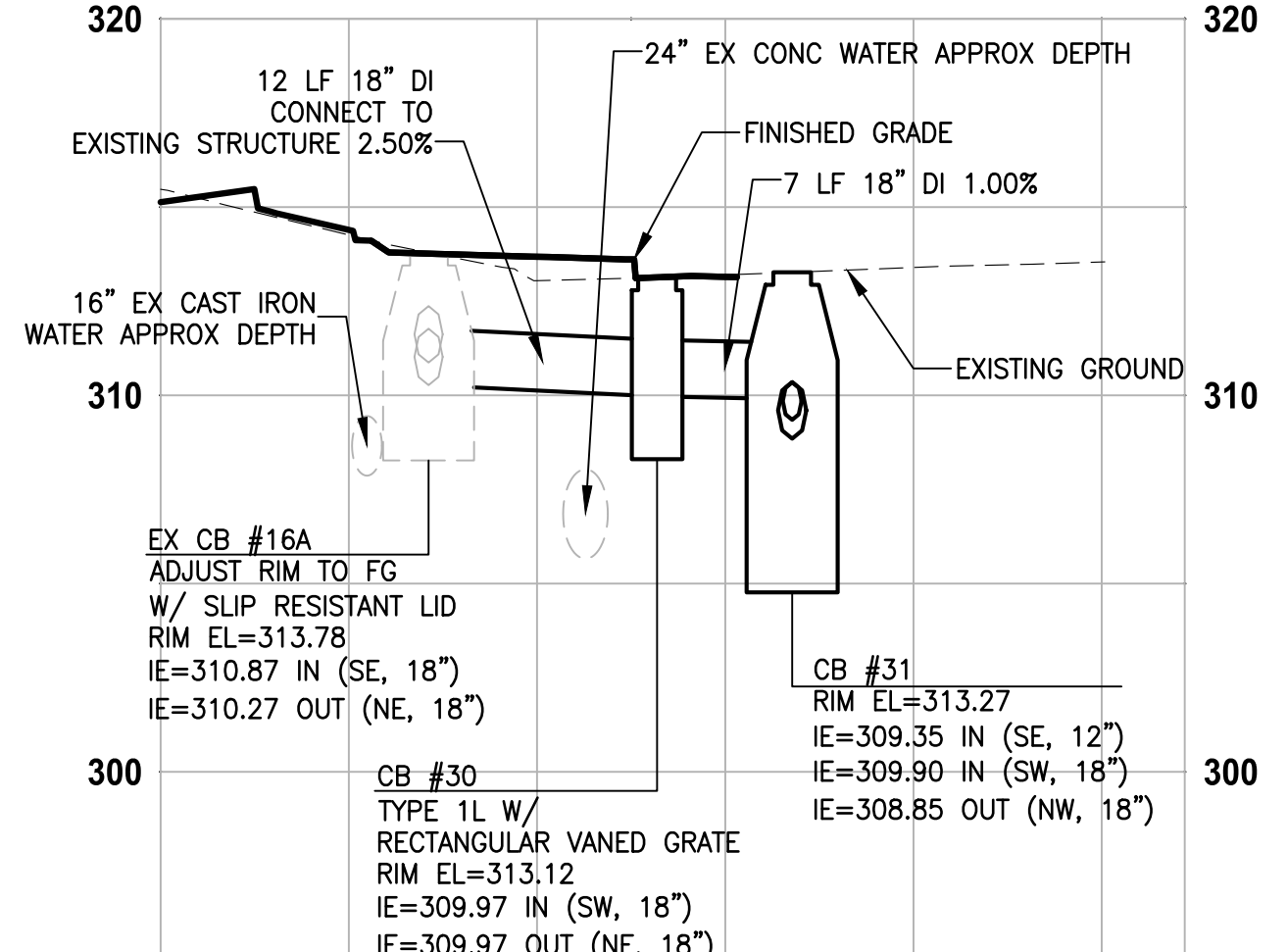
PROFILE F-LINE STA 703+55

HORIZ: 1"=10'
VERT: 1"=5'



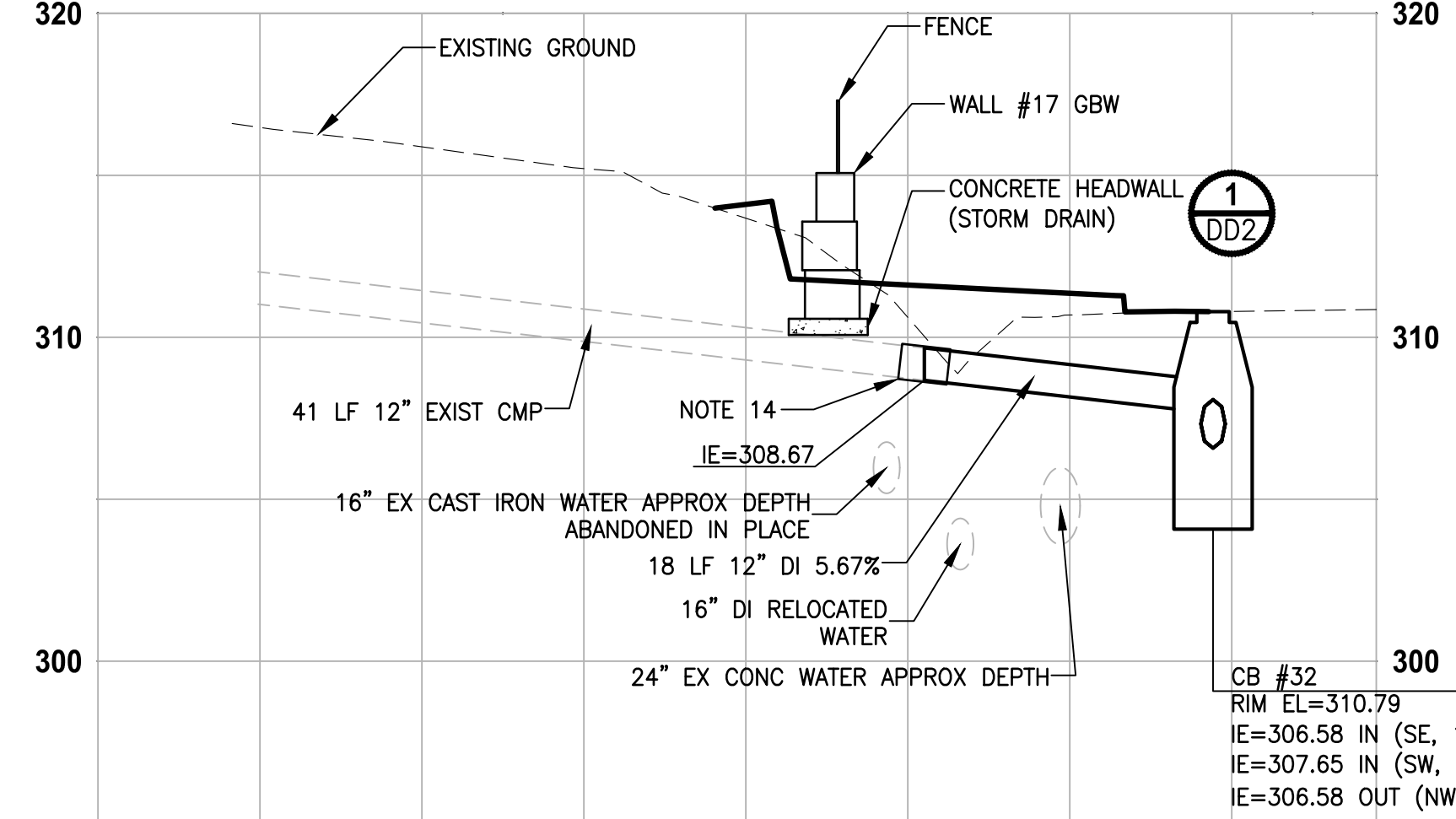
PROFILE F-LINE STA 704+48

HORIZ: 1"=10'
VERT: 1"=5'



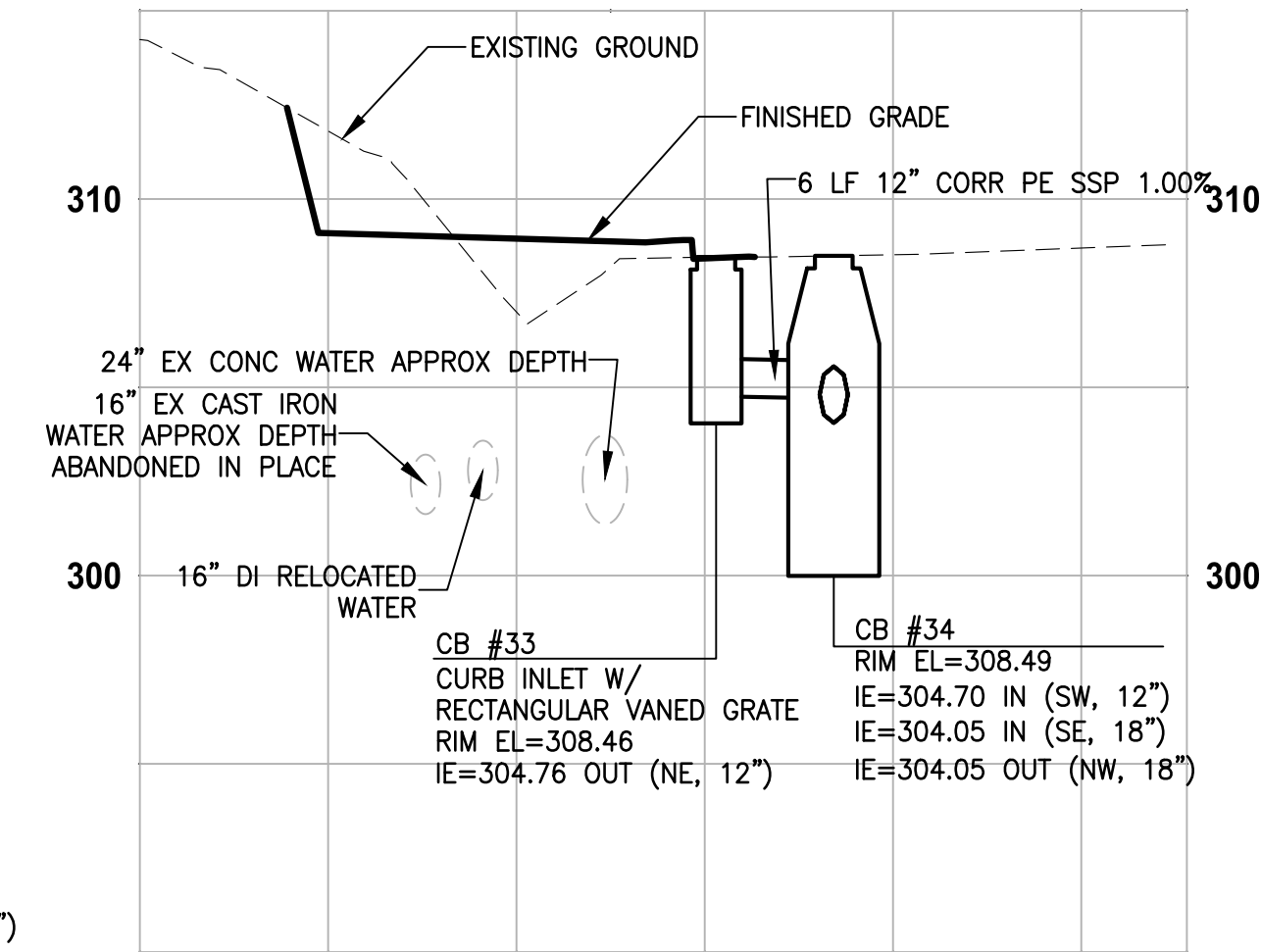
PROFILE F-LINE STA 705+45

HORIZ: 1"=10'
VERT: 1"=5'



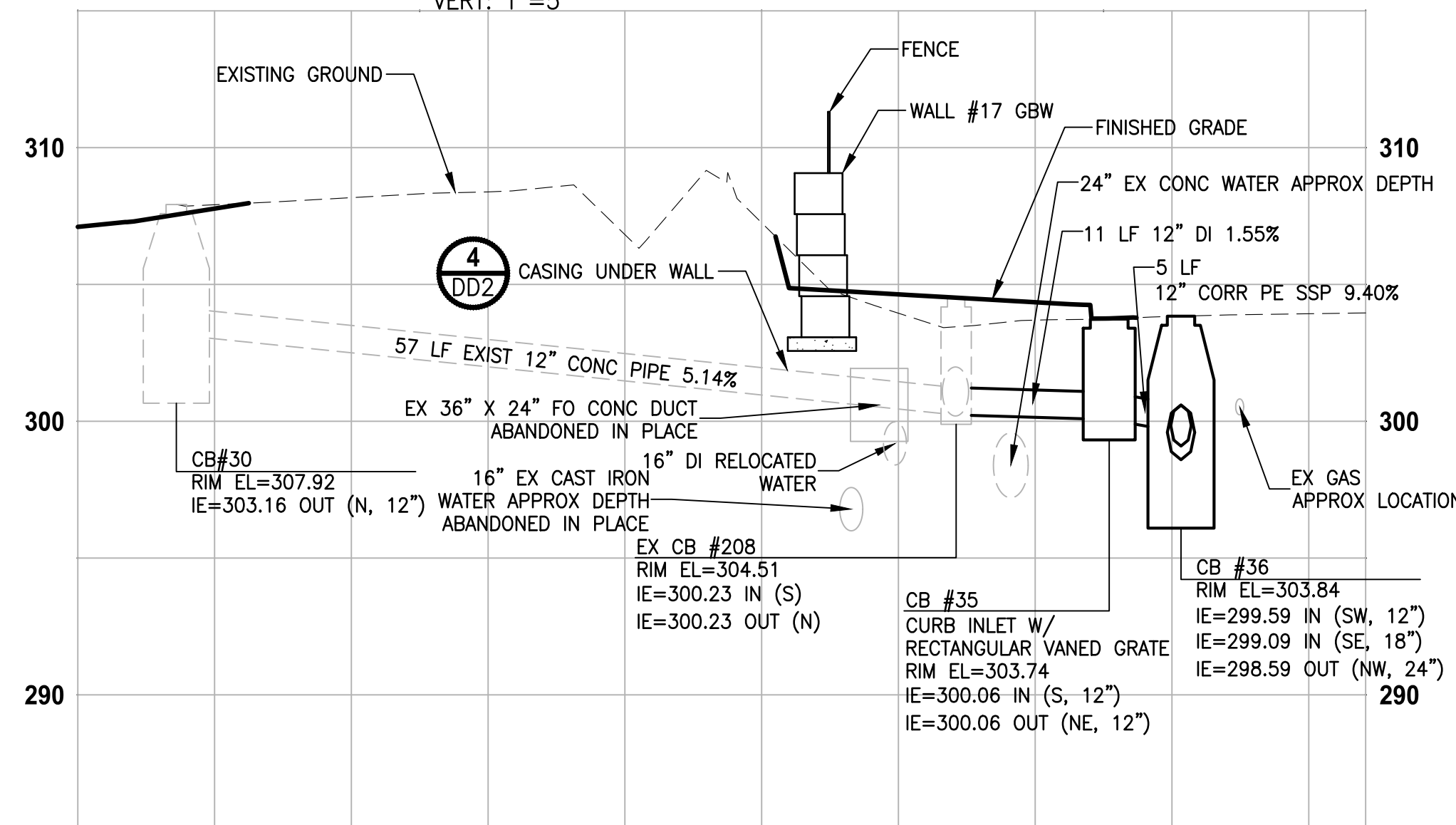
PROFILE F-LINE STA 705+98

HORIZ: 1"=10'
VERT: 1"=5'



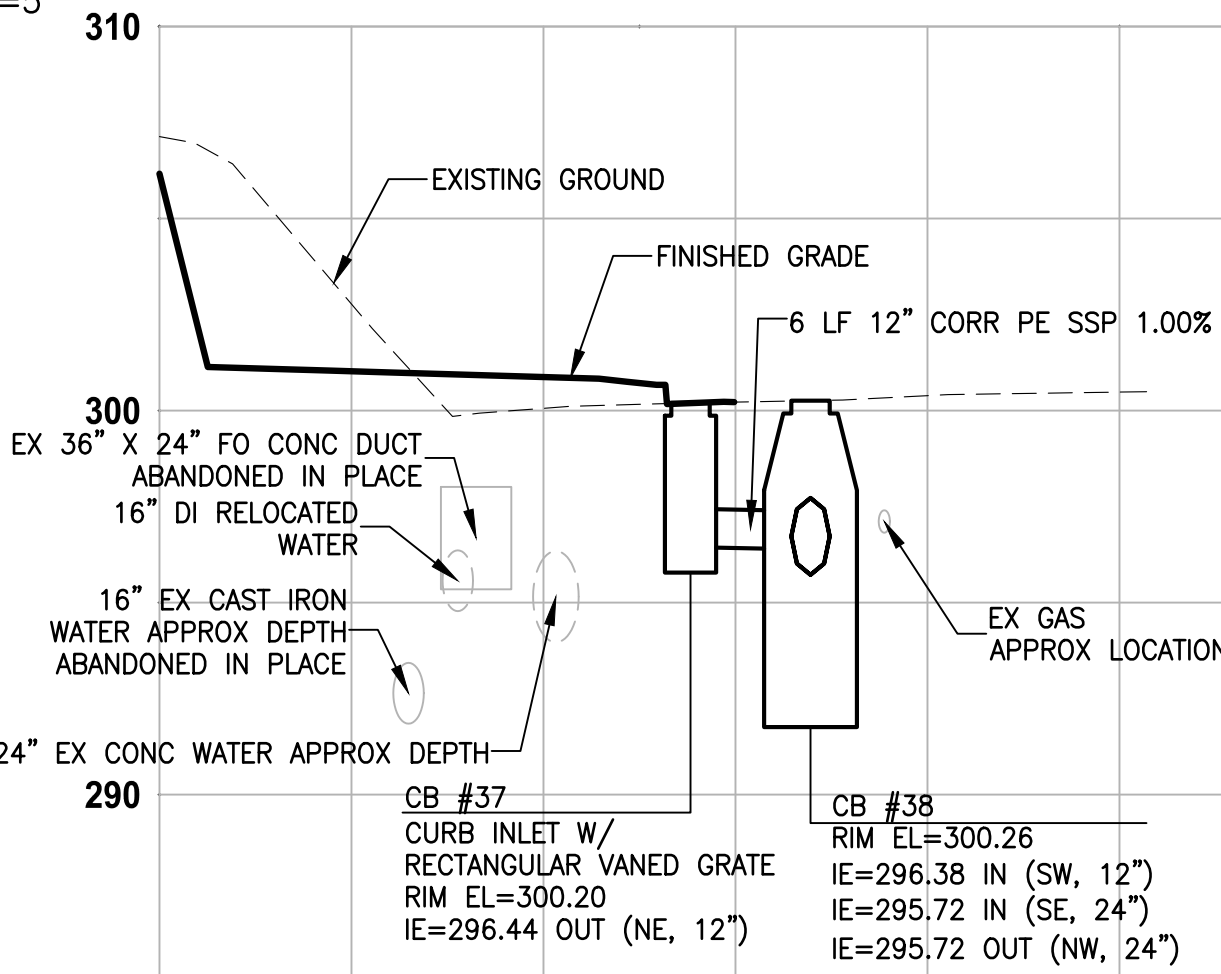
PROFILE F-LINE STA 706+57

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE F-LINE STA 707+64

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE A-LINE STA 204+85

HORIZ: 1"=10'
VERT: 1"=5'

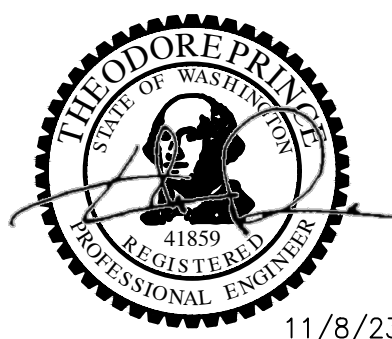
STORMWATER GENERAL NOTES:

- NOT USED.
- STRUCTURE OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. COMBO INLET FRAME-GRATE-CURB BOX OFFSETS ARE APPROXIMATE AND SHALL BE COORDINATED WITH CURB AND GUTTER LOCATIONS.
- CATCH BASIN TYPE 1L SHALL BE PER 2016 KCRS FIG. 7-004.
- CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
- CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
- RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
- CL IV RCP = CLASS IV REINFORCED CONCRETE CULVERT PIPE.
- CORR PE SSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE.
- INSTALL SLIP RESISTANT LID AND FRAME. SEE SPECIAL PROVISIONS.
- VANED GRATE SHALL BE PER 2016 KCRS FIG. 7-018.
- CURB INLET SHALL BE PER 2016 KCRS FIG. 7-012.
- DI = DUCTILE IRON STORM SEWER PIPE. SEE SPECIAL PROVISIONS SECTION 7-04.
- SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD BETWEEN UTILITIES.
- CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-02.
- CORR PE CULV=CORRUGATED POLYETHYLENE CULVERT PIPE.
- CURB INLET WITH 24" RISER SHALL HAVE BASE SECTION PER 2016 KCRS FIG. 7-012 WITH 24" RISER SECTION PER DETAIL 1, SHEET DD1 TO ACCOMMODATE SHALLOW CONNECTIONS. PROVIDE FRAME AND GRATE/COVER PER AL AND SD SHEETS.
- INVERTED FRAME SHALL BE INSTALLED WITH CAST IN ADJUSTMENT SECTION WHERE REQUIRED. ALL EXPOSED METAL SHALL BE SLIP RESISTANT PER SPECIAL PROVISIONS.
- THE CONTRACTOR IS TO FIELD VERIFY EXISTING SITE CONDITIONS AND DISCUSS ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE ENGINEER PRIOR TO START OF ALL WORK.
- THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL EXISTING UTILITIES FROM DAMAGE. LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE TRUE AND CORRECT LOCATIONS. FORTY-EIGHT (48) HOURS PRIOR TO PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE AT (800) 424-5555 AND APPROPRIATE PRIVATE UTILITIES AS PER THE SPECIFICATIONS.
- EXCAVATIONS WITHIN FIVE FEET OF EXISTING ELECTRIC, GAS, OR COMMUNICATIONS FACILITIES SHALL BE HAND EXCAVATION OR AT THE DISCRETION, APPROVAL AND DIRECTION OF THE AFFECTED UTILITY.

PATH: \\parametrix.com\pma\PSO\Projects\Clients\1521-KingCo\554-1521-151-L2ST-Seq\98555\CAADD\Phase 2C\Task 27200C\DWG-Burien\ LAYOUT: SD1 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:05:55 PM

| REVISIONS | DATE | BY | DESIGNED |
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| | | | T. PRINCE |
| | | | B. PURGANAN |
| | | | J. COOP |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
FILE NAME: PS1521151P2CT2T2SD-01
JOB No: 554-1521-151 P2C T2T200C
DATE: MAY 2023

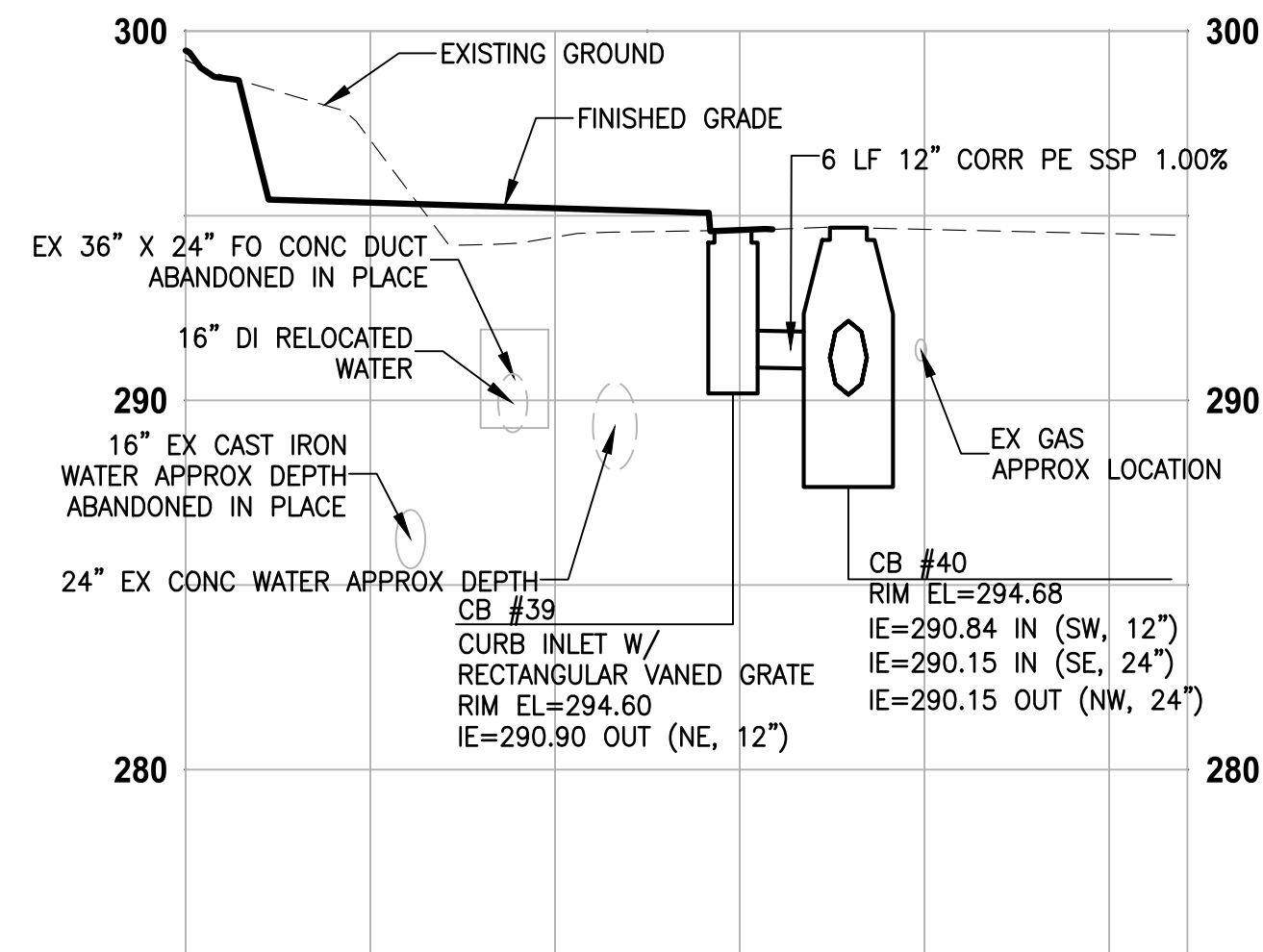


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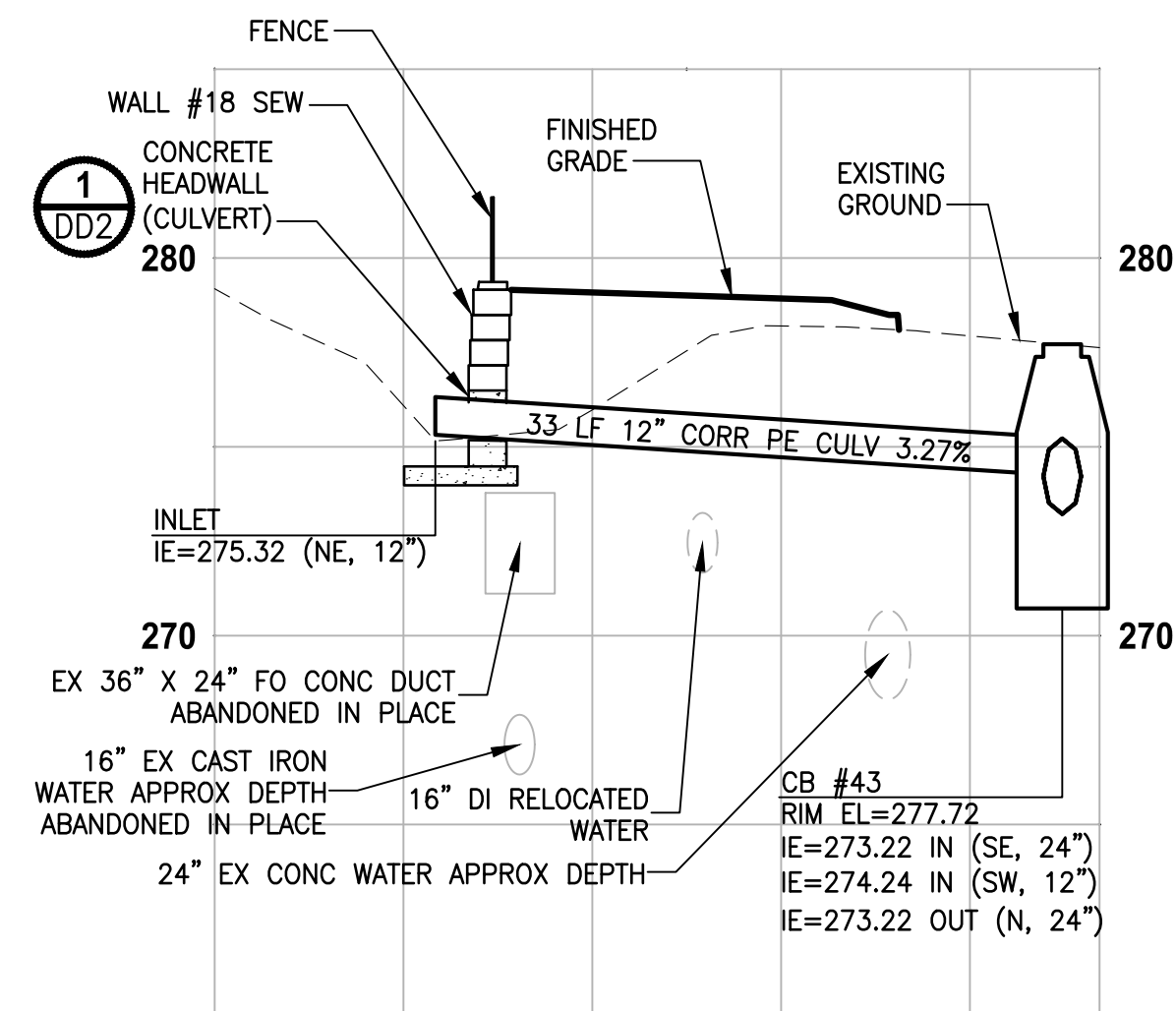
PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIED**
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

SHEET NO.
17 OF 45
STORM DRAIN PROFILES
SD1



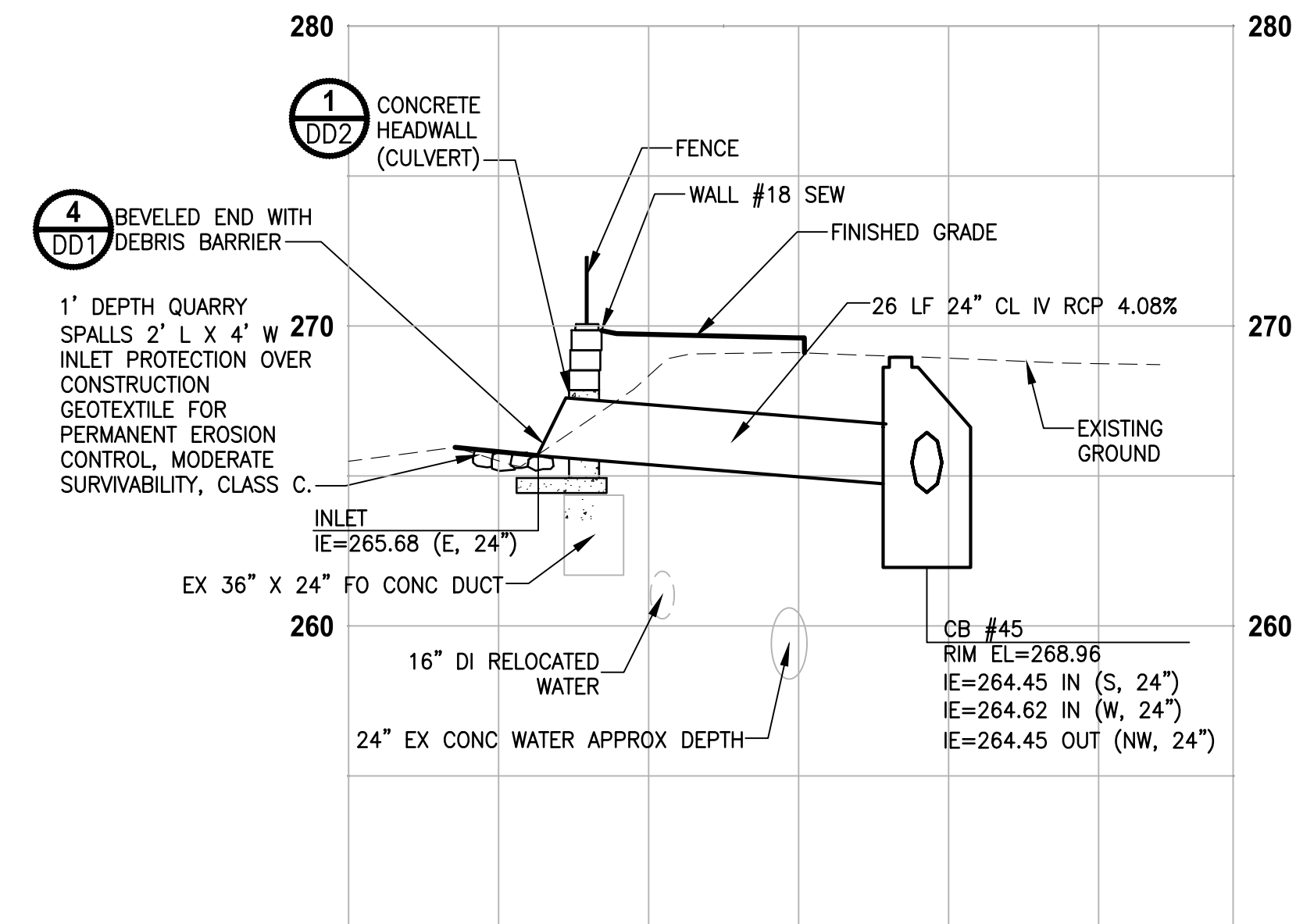
PROFILE A-LINE STA 206+22

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE A-LINE STA 210+30

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE A-LINE STA 212+39 WETLAND CULVERT

HORIZ: 1"=10'
VERT: 1"=5'

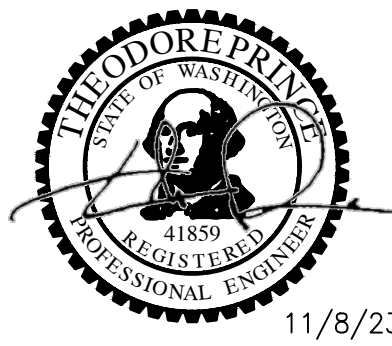
STORMWATER GENERAL NOTES:

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LAYOUT: SD2 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151 L2ST-Seq\995\cadd\Phase 2C\Task 21200C\DWG-Burien\ PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:06:01 PM

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| | | | T. PRINCE |
| | | | B. PURGANAN |
| | | | J. COOP |
| | | | J. BAILEY |

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 FILE NAME: PSI1521151P2C2T2SD-01
 JOB No: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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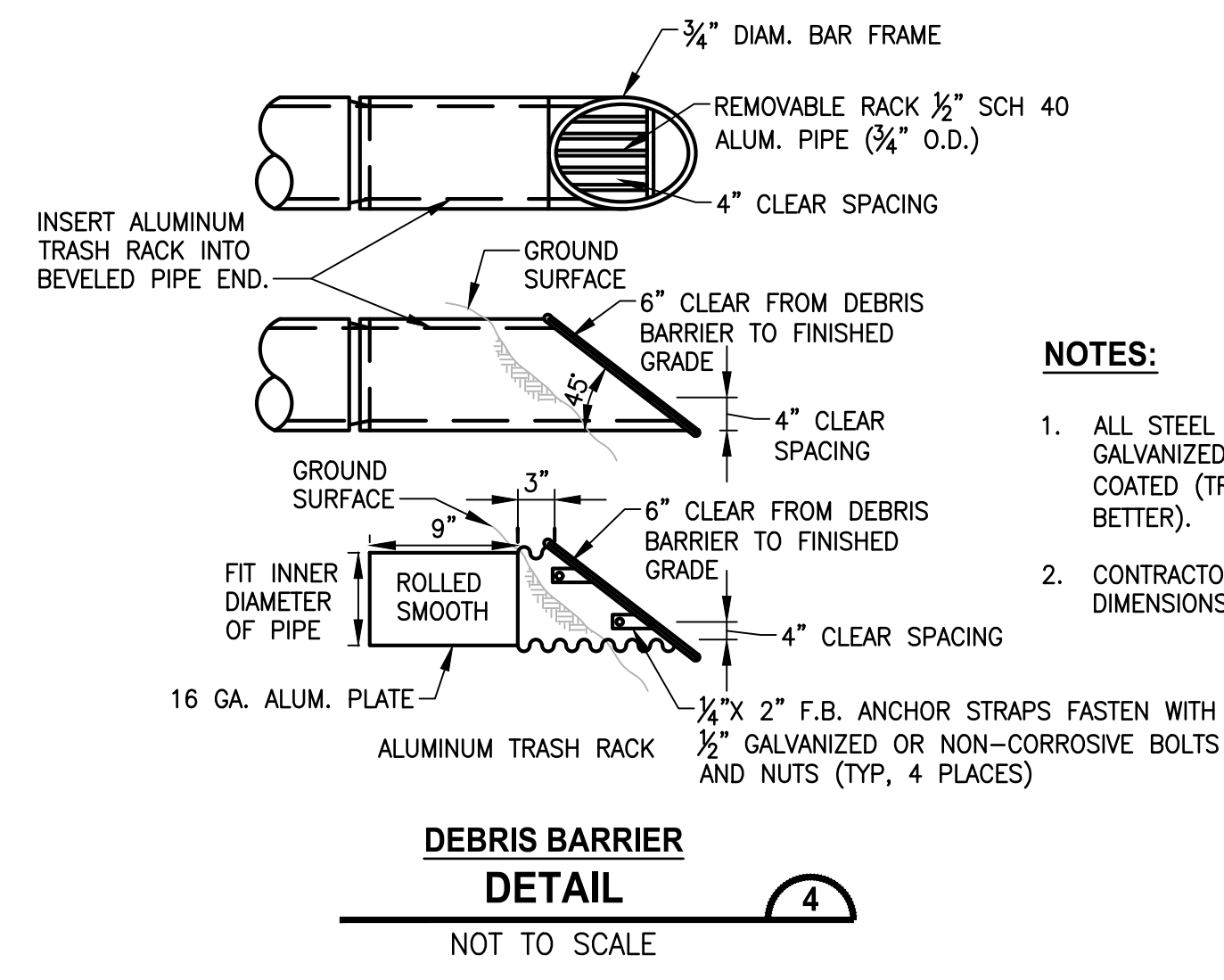
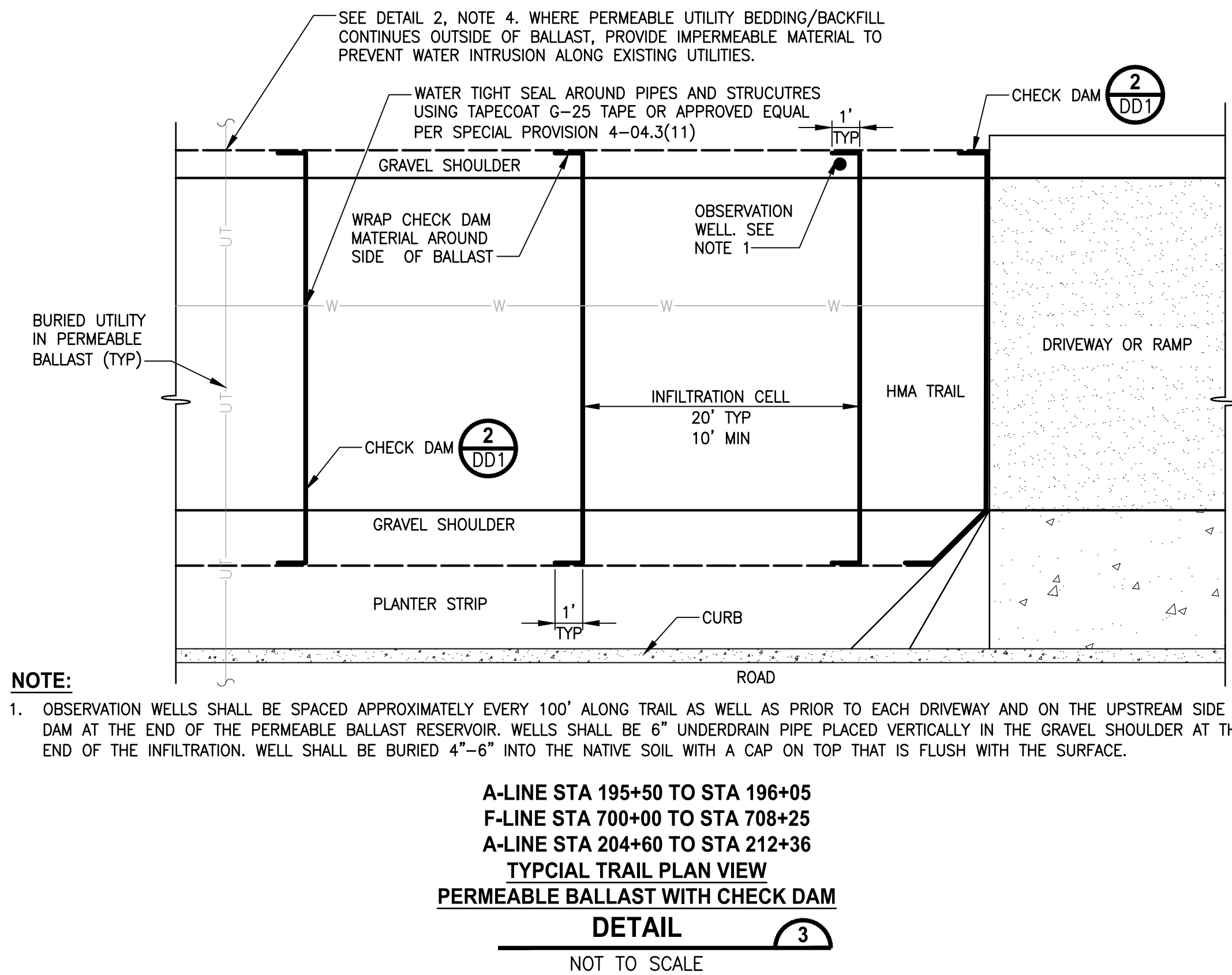
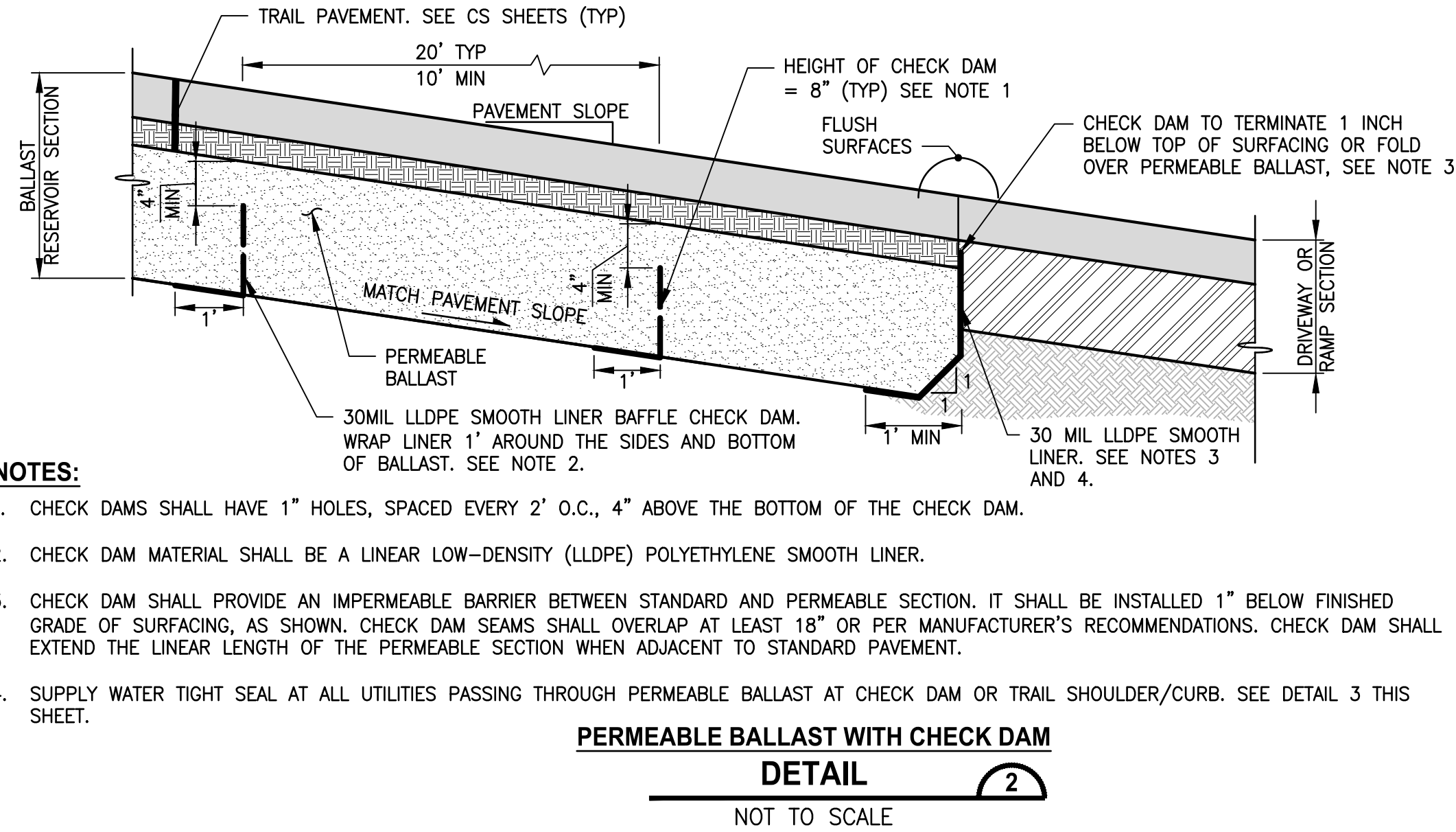
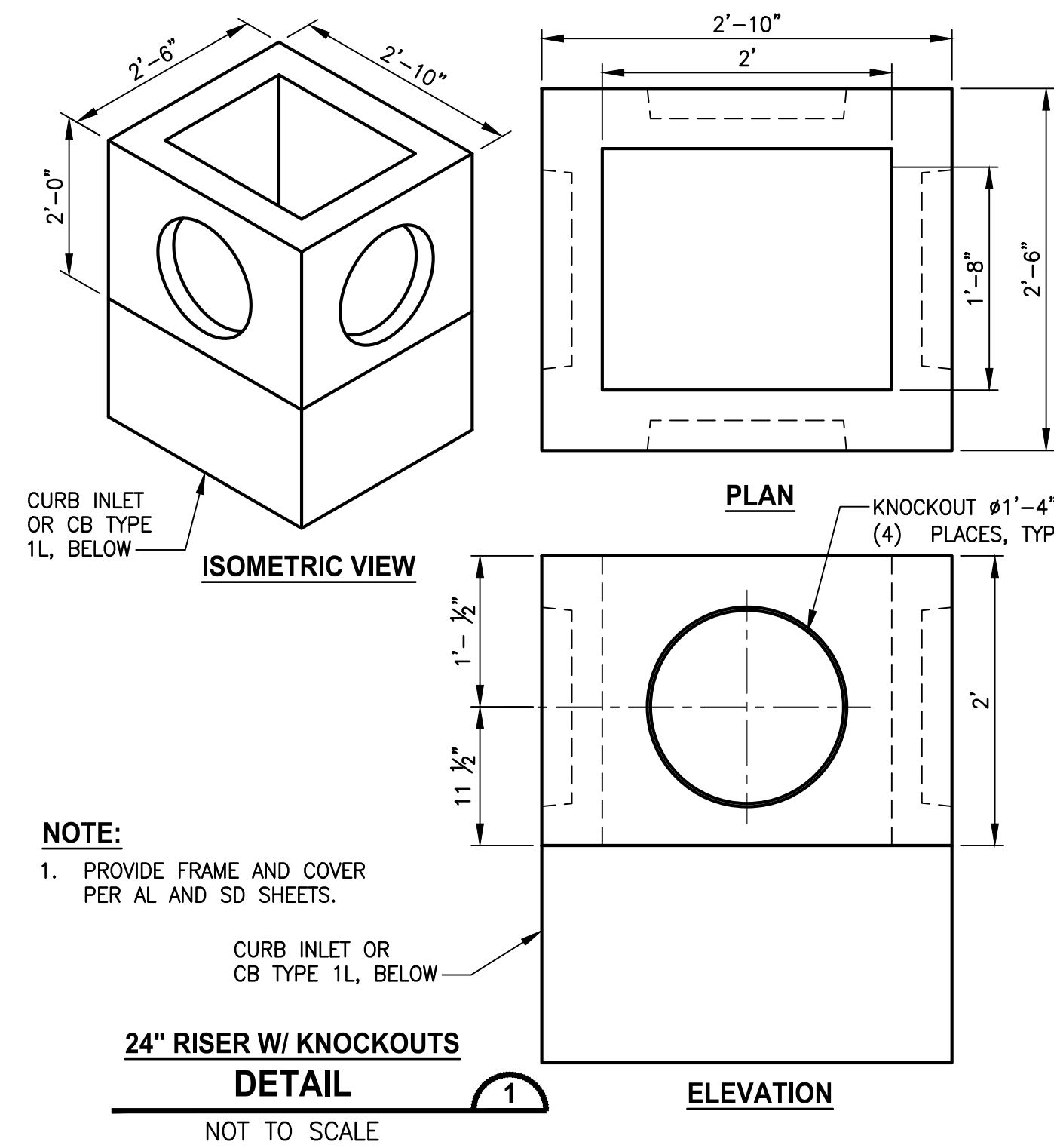
PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIE**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

STORM DRAIN PROFILES

SHEET NO.
18 OF 45

SD2

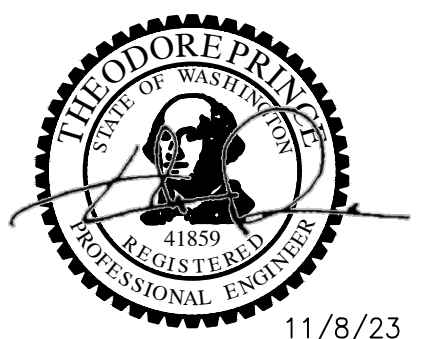
T 22N AND 23N, R 4E, W.M.



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 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151 L2ST-Seq\995563\CAAD\Phase 2C\Task 21200C\DWG-Burien\

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| | | | B. PURGANAN |
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| | | | J. BAILEY |

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 FILE NAME
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 JOB No.
 554-1521-151 P2C T21200C
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PROJECT NAME
LAKE TO SOUND TRAIL
SEGMENT C - BURIEN
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

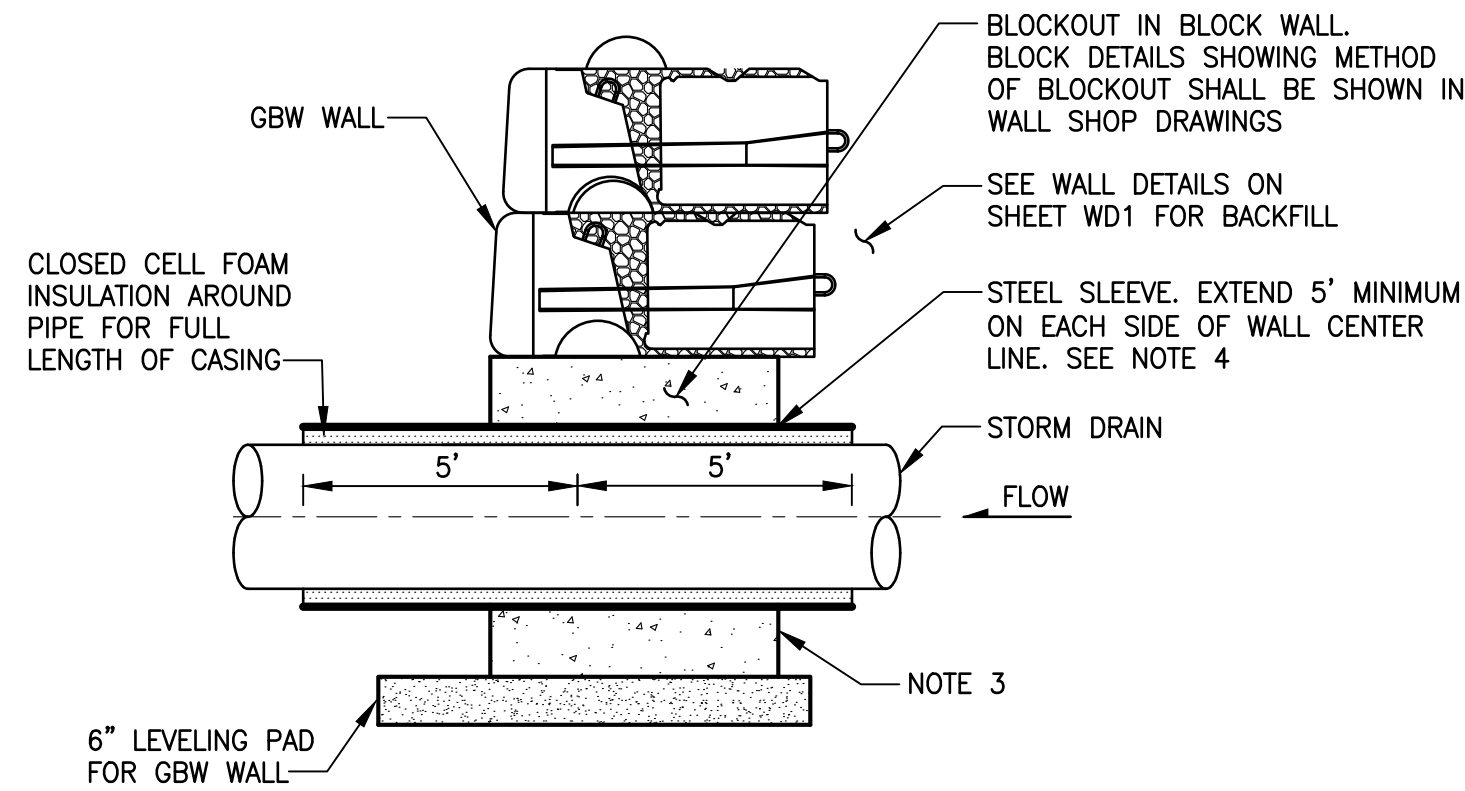
DRAINAGE DETAILS

SHEET NO.
 19 OF 45
DD1

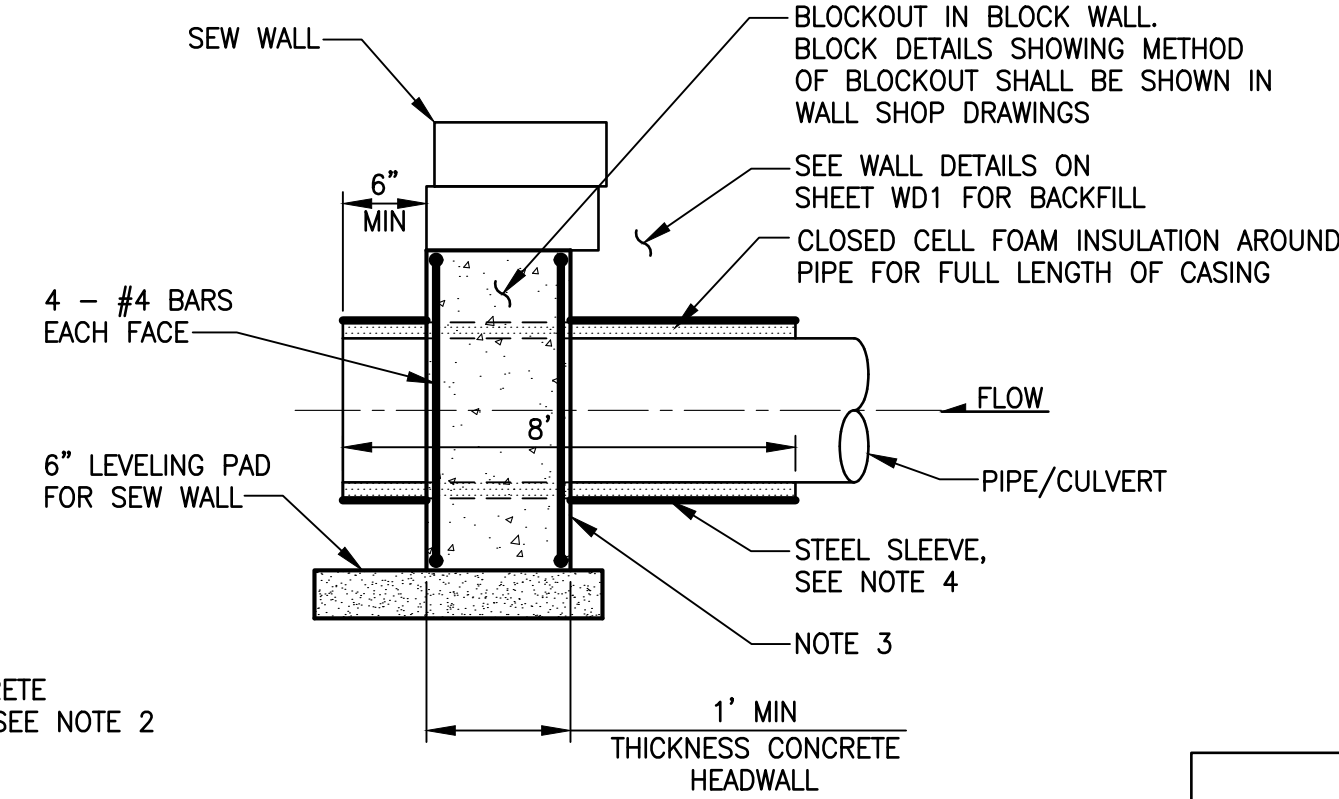
T 22N AND 23N, R 4E, W.M.

NOTES:

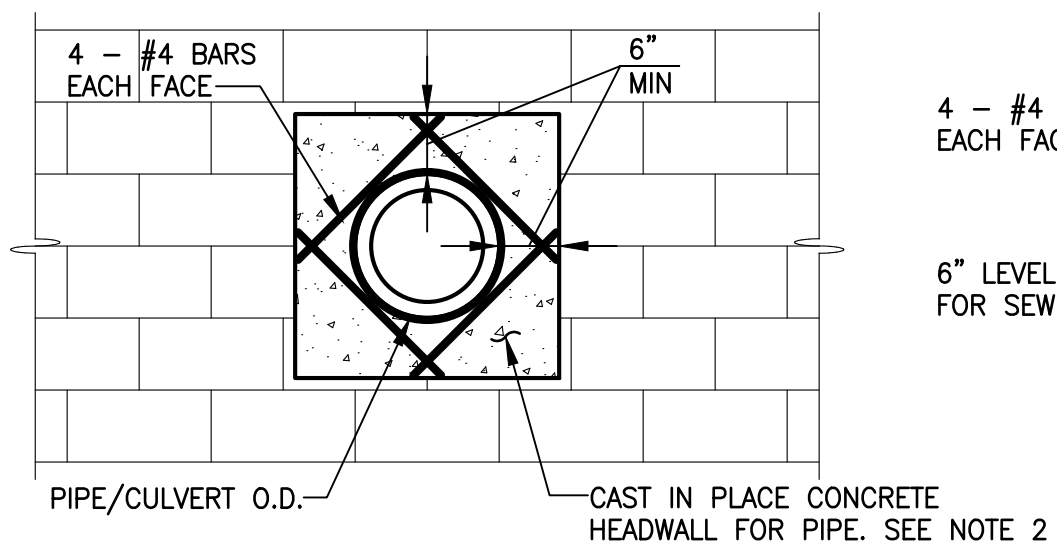
- 1. FOR SEW AND GBW WALLS SEE SHEET WD1.
- 2. CONCRETE HEADWALL FOR PIPE SHALL BE CONSTRUCTED OF 4000 PSI REINFORCED CONCRETE. DETAIL SHALL BE PROVIDED BY WALL MANUFACTURER.
- 3. CONCRETE HEADWALL TO BE CONSTRUCTED FOR NEW AND EXISTING STORM DRAINS AND CULVERTS PER AL SHEETS.
- 4. CASING PIPE SHALL HAVE A 0.375" MIN WALL THICKNESS AND SHALL BE SMOOTH GRADE C STEEL, COMPLY WITH ASTM A139, AND HAVE A MIN 36,000 PSI YIELD. INSIDE DIAMETER STEEL CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE STORM DRAIN OR CULVERT BY 4".



SECTION B - STORM DRAINS

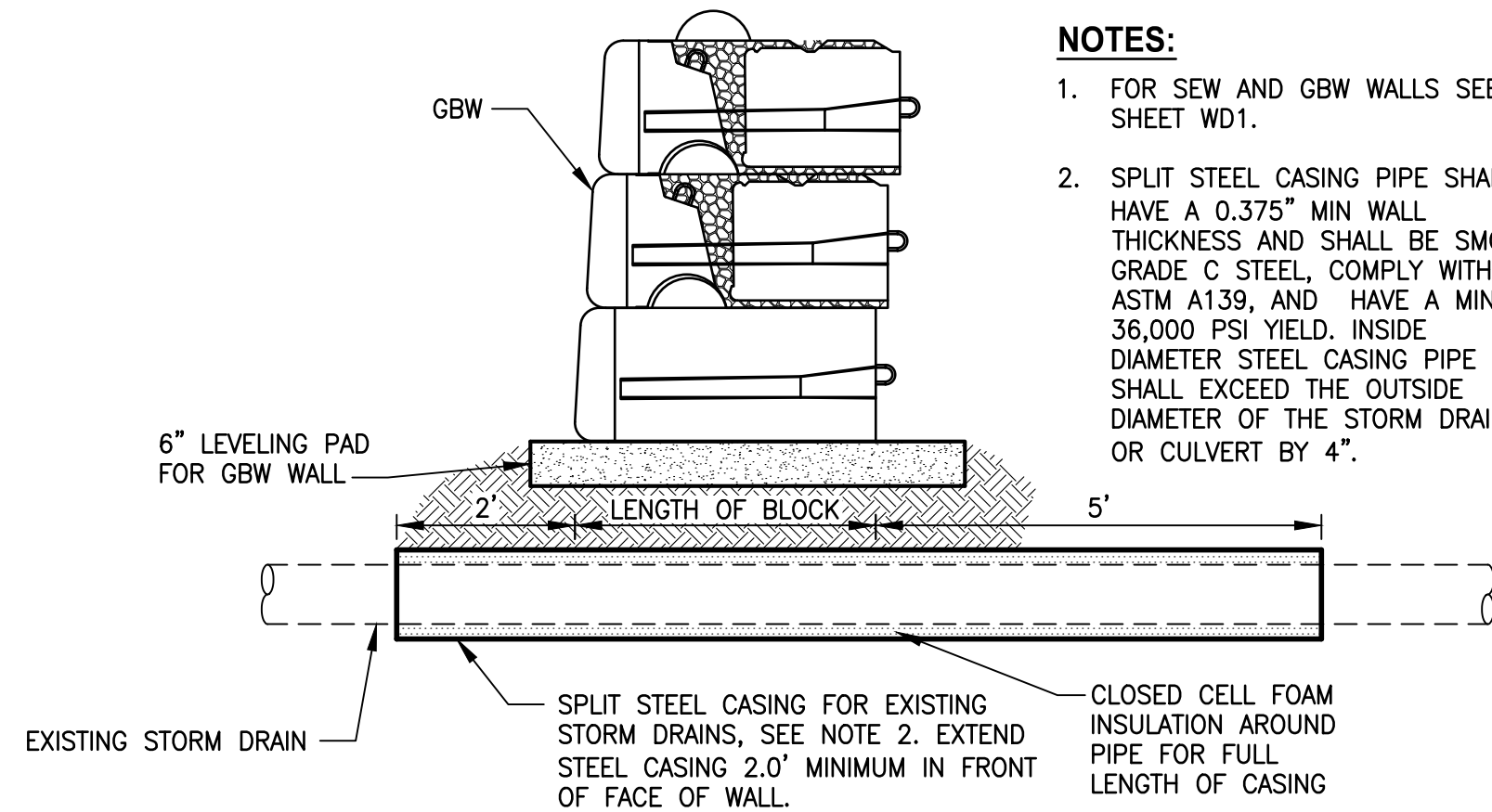


SECTION A - CULVERTS



ELEVATION

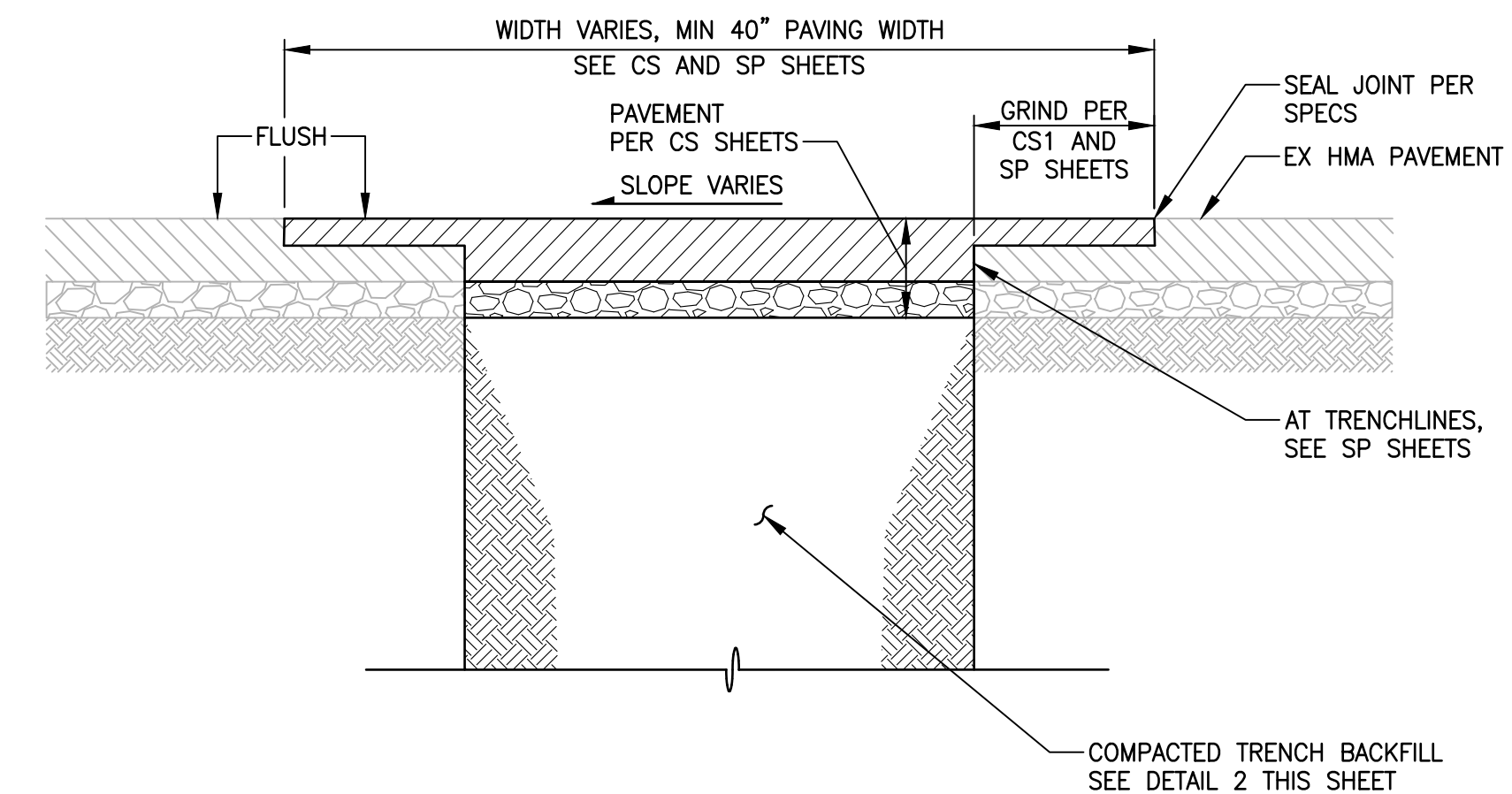
**CONCRETE HEADWALL FOR STRUCTURAL EARTH WALL
DETAIL 1
NOT TO SCALE**



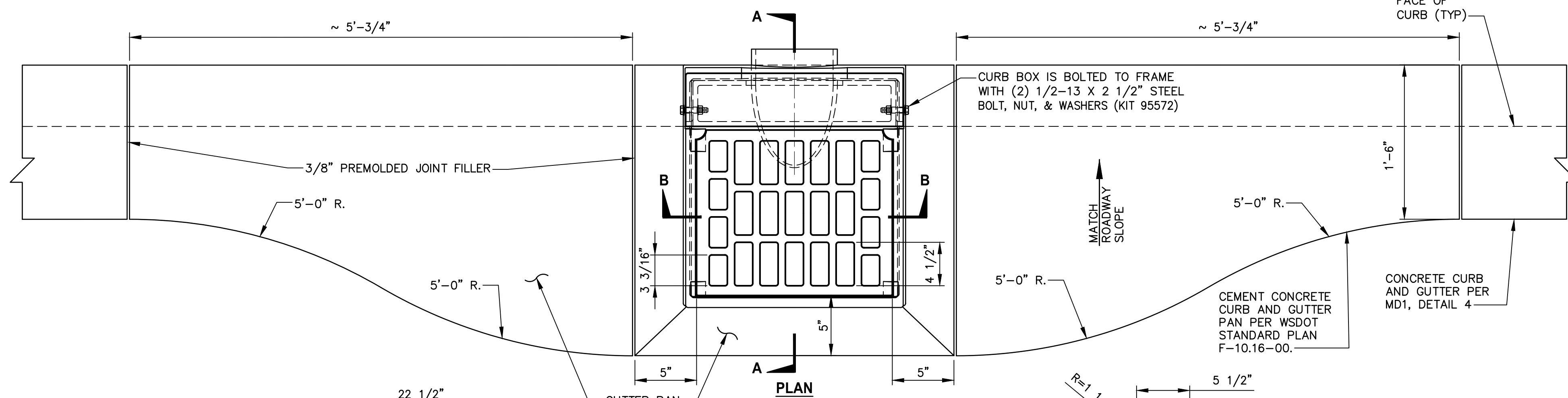
**CASING/SLEEVE OF EXISTING STORM DRAINS UNDER WALLS
DETAIL 4
NOT TO SCALE**

NOTES:

- 1. FOR SEW AND GBW WALLS SEE SHEET WD1.
- 2. SPLIT STEEL CASING PIPE SHALL HAVE A 0.375" MIN WALL THICKNESS AND SHALL BE SMOOTH GRADE C STEEL, COMPLY WITH ASTM A139, AND HAVE A MIN 36,000 PSI YIELD. INSIDE DIAMETER STEEL CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE STORM DRAIN OR CULVERT BY 4".

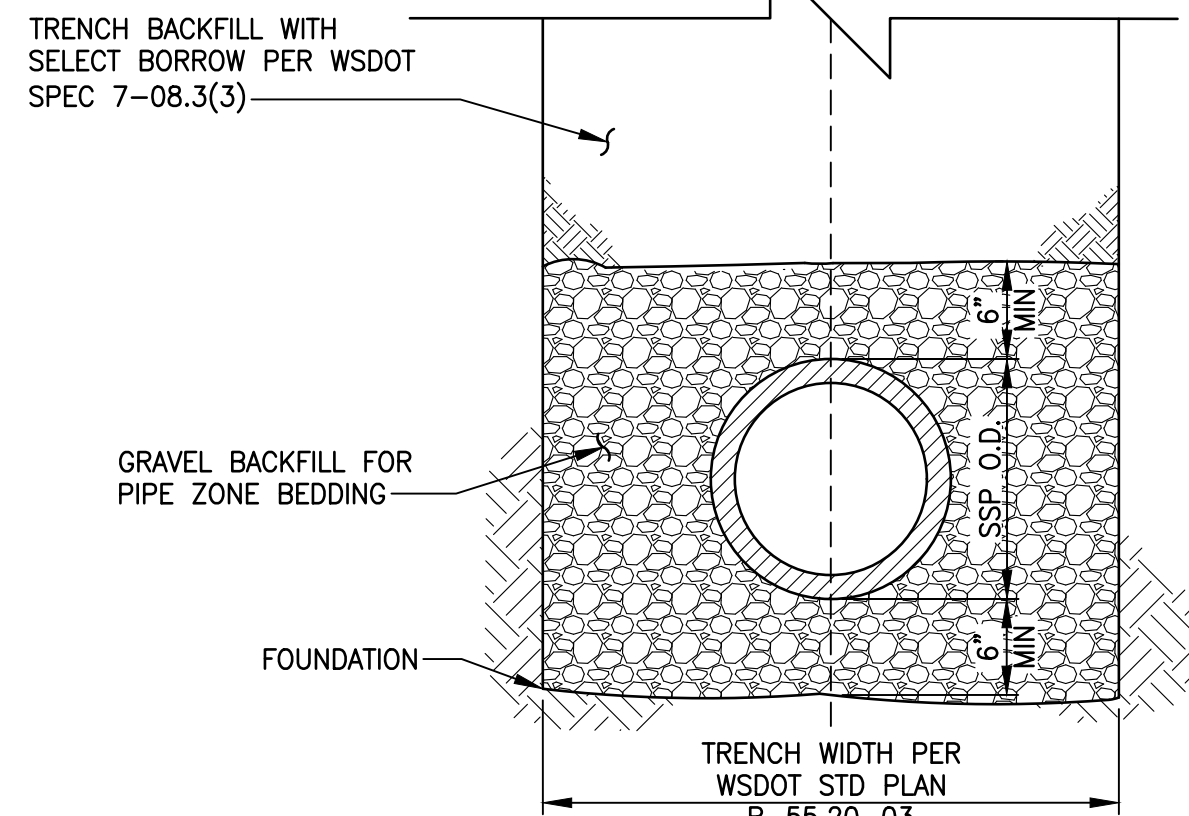


**TYPICAL ROAD TRENCH PATCHING
DETAIL 5
NOT TO SCALE**



**COMBO INLET FRAME-GRATE-CURB BOX
DETAIL 3
NOT TO SCALE**

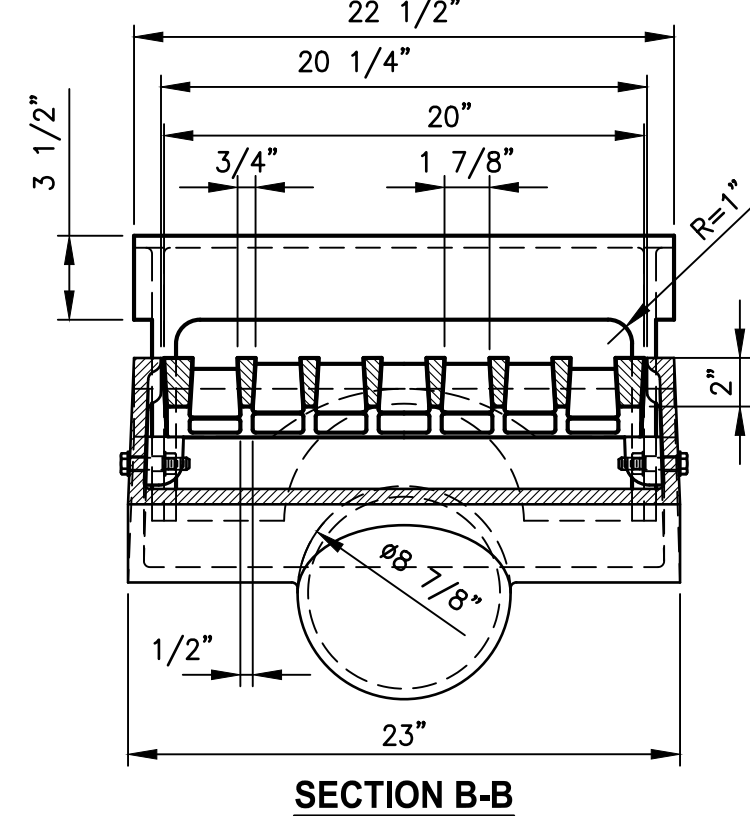
COMBO INLET FRAME -GRATE CURB SHALL BE NEENAH FOUNDRY PRODUCT NUMBER R-3156, OR APPROVED EQUAL.



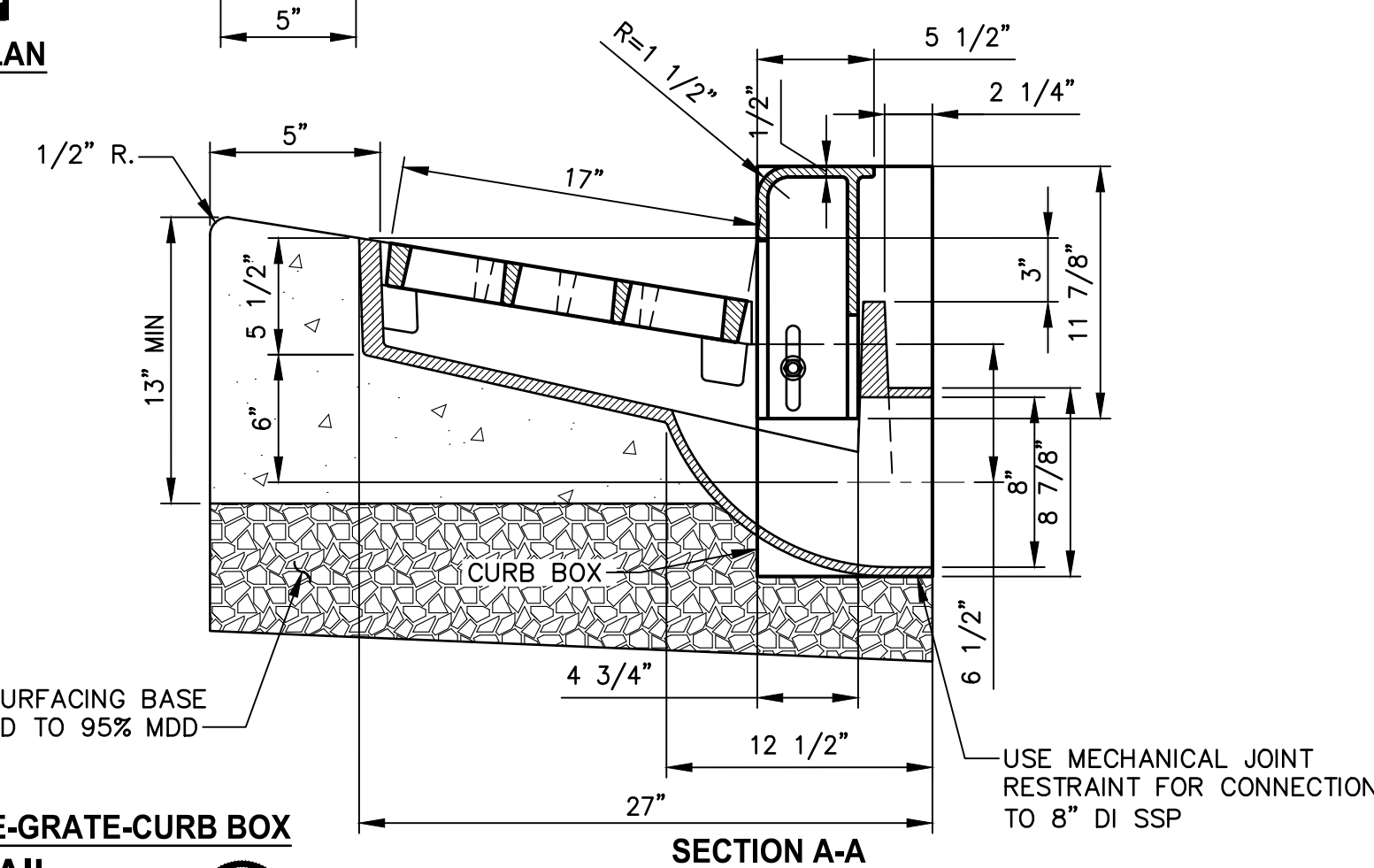
**STORM PIPE
TRENCH
DETAIL 2
NO SCALE**

NOTES:

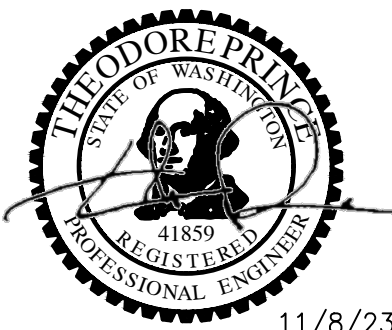
- 1. ALL BACKFILL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS.
- 2. COMPACTION: BEDDING SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY (MDD) AS DETERMINED BY ASTM TEST METHOD D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN ROADWAY, GRAVEL PARKING, OR TRAIL AREAS AS DETERMINED BY ASTM D1557.
- 3. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
- 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS BEFORE INSTALLATION OF STORM SEWER PIPE. ENGINEER WILL PROVIDE CONSTRUCTION OBSERVATION.
- 5. THE CONTRACTOR SHALL USE A STEEL PLATE TO COVER PIPE TRENCH OPENINGS TO ACCOMMODATE LOCAL TRAFFIC DURING NON-WORKING HOURS.
- 6. FOR TRENCH RESTORATION IN ROADWAY AREA, SEE DETAIL 5 THIS SHEET, FOR RESTORATION IN ALL OTHER AREAS, REFER TO TYPICAL CROSS SECTION, SHEET CS1 AND AL SHEETS FOR SURFACE RESTORATION.



SECTION B-B



SECTION A-A



11/8/23

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**
FILE NAME
PS1521151P2C2T2T2DD-01
JOB No.
554-1521-151 P2C T2T200C
DATE
MAY 2023

| REVISIONS | DATE | BY | DESIGNED |
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LAYOUT: DD2

PATH: \\parametrix.com\pmx\PS0\Projects\Clients\1521-KingCo\554-1521-151 L2ST-Seq\999\Drawings\Phase 2C\Task 21200C\DWG-Burien

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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIE**
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

DRAINAGE DETAILS

SHEET NO.
20 OF 45
DD2

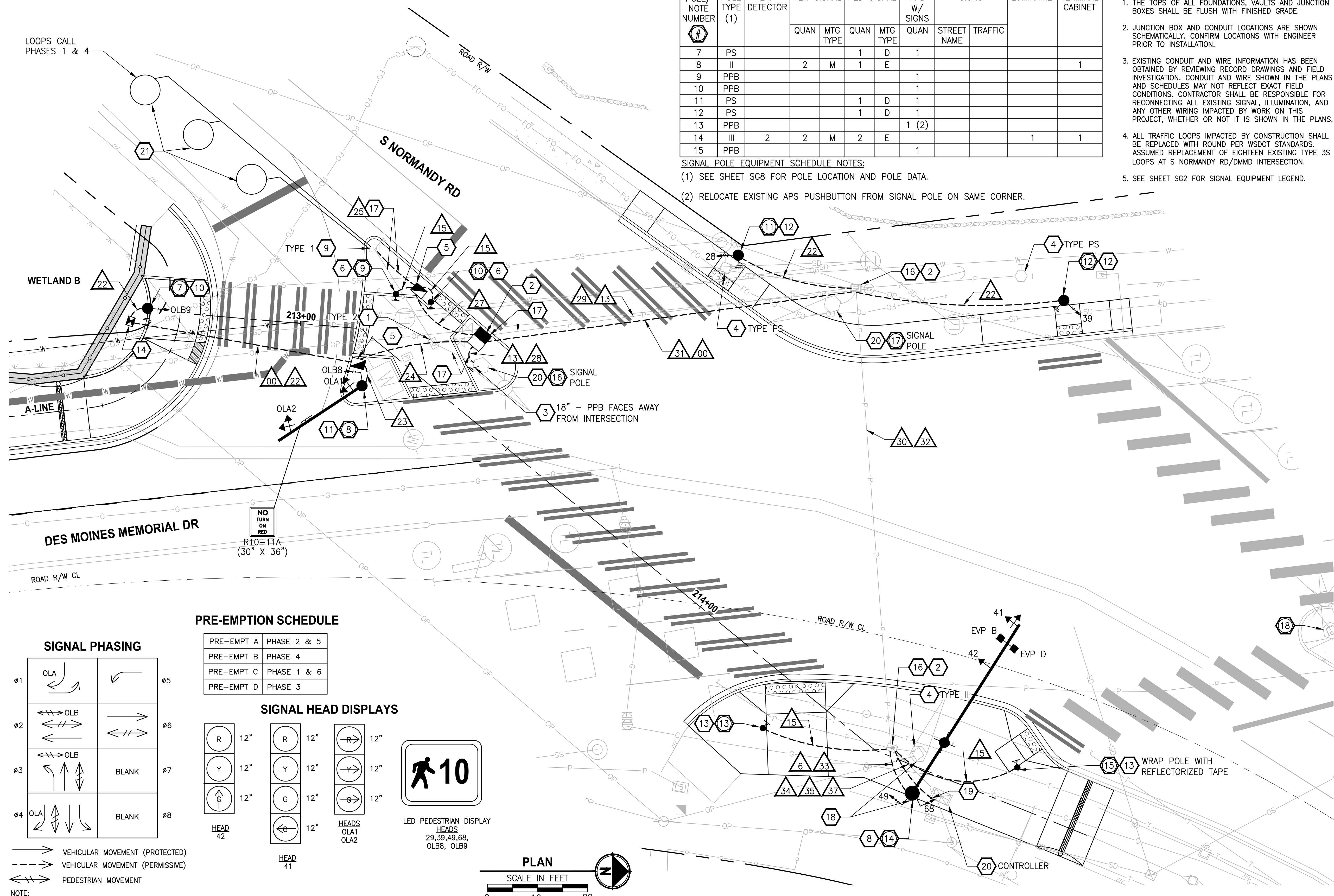
LAYOUT: SGI
 PATH: \\garametrix.com\garam\PSO\Projects\Clients\1521-151 L2ST-Seq\985563\CADD\Phase 2\Task 2\200C\DWG-Burien
 PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:06:27 PM

| POLE / NOTE NUMBER | POLE TYPE (1) | EVP DETECTOR | VEH SIGNAL | | PED SIGNAL | | PPB W/ SIGNS | SIGNS | | LUMINAIRE | TERMINAL CABINET |
|--------------------|---------------|--------------|------------|----------|------------|----------|--------------|-------------|---------|-----------|------------------|
| | | | QUAN | MTG TYPE | QUAN | MTG TYPE | | STREET NAME | TRAFFIC | | |
| 7 | PS | | | | 1 | D | 1 | | | | |
| 8 | II | | 2 | M | 1 | E | | | | | 1 |
| 9 | PPB | | | | | | 1 | | | | |
| 10 | PPB | | | | | | 1 | | | | |
| 11 | PS | | | | 1 | D | 1 | | | | |
| 12 | PS | | | | 1 | D | 1 | | | | |
| 13 | PPB | | | | | | 1 (2) | | | | |
| 14 | III | 2 | 2 | M | 2 | E | | | 1 | | 1 |
| 15 | PPB | | | | | | 1 | | | | |

SIGNAL POLE EQUIPMENT SCHEDULE NOTES:
 (1) SEE SHEET SGB FOR POLE LOCATION AND POLE DATA.
 (2) RELOCATE EXISTING APS PUSHBUTTON FROM SIGNAL POLE ON SAME CORNER.

- GENERAL SIGNAL NOTES:**
- THE TOPS OF ALL FOUNDATIONS, VAULTS AND JUNCTION BOXES SHALL BE FLUSH WITH FINISHED GRADE.
 - JUNCTION BOX AND CONDUIT LOCATIONS ARE SHOWN SCHEMATICALLY. CONFIRM LOCATIONS WITH ENGINEER PRIOR TO INSTALLATION.
 - EXISTING CONDUIT AND WIRE INFORMATION HAS BEEN OBTAINED BY REVIEWING RECORD DRAWINGS AND FIELD INVESTIGATION. CONDUIT AND WIRE SHOWN IN THE PLANS AND SCHEDULES MAY NOT REFLECT EXACT FIELD CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ALL EXISTING SIGNAL, ILLUMINATION, AND ANY OTHER WIRING IMPACTED BY WORK ON THIS PROJECT, WHETHER OR NOT IT IS SHOWN IN THE PLANS.
 - ALL TRAFFIC LOOPS IMPACTED BY CONSTRUCTION SHALL BE REPLACED WITH ROUND PER WSDOT STANDARDS. ASSUMED REPLACEMENT OF EIGHTEEN EXISTING TYPE 3S LOOPS AT S NORMANDY RD/DMMD INTERSECTION.
 - SEE SHEET SG2 FOR SIGNAL EQUIPMENT LEGEND.

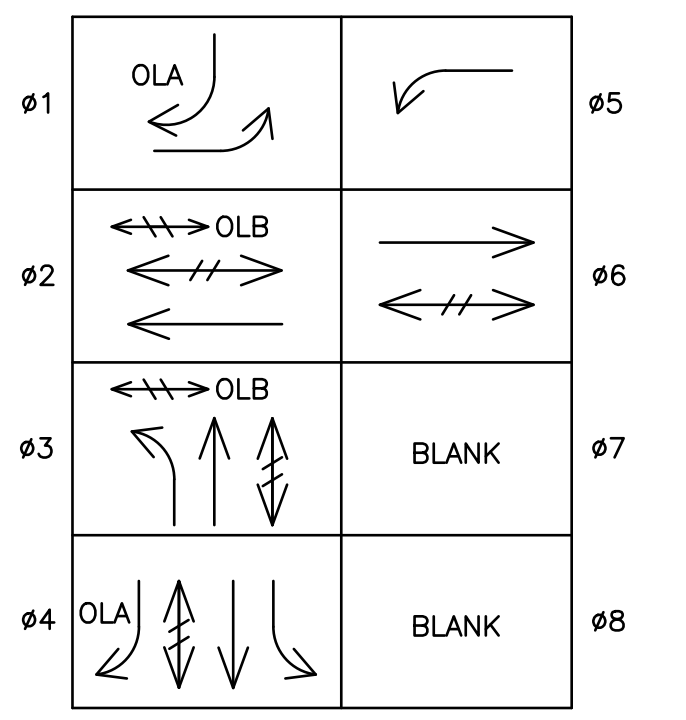
- SIGNAL CONSTRUCTION NOTES:**
- REMOVE EXISTING JUNCTION BOX AND REROUTE CONDUIT TO PROPOSED JUNCTION BOX. TYPE AS NOTED ON PLAN.
 - INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 8, PER WSDOT STANDARD PLAN J-40.30-04.
 - REMOVE EXISTING PEDESTRIAN PUSH BUTTON(S) FROM POLE AND PLUG HOLES. REINSTALL EX APS PUSHBUTTON WITH NEW EXTENSION PER DETAIL 1, SHEET S65. EXTENSION LENGTH AS NOTED ON PLAN.
 - REMOVE EXISTING SIGNAL POLE, FOUNDATION, WIRE AND CONDUIT TO NEAREST JUNCTION BOX. SALVAGE POLE AND ALL EQUIPMENT ON POLE.
 - INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 2, PER WSDOT STANDARD PLAN J-40.10-04.
 - CONSTRUCT TYPE PPB ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH CURB BASE FOUNDATION PER WSDOT STANDARD PLAN J-20.11-03. INSTALL ACCESSIBLE PEDESTRIAN PUSHBUTTON POST WITH APS ASSEMBLY.
 - CONSTRUCT TRAFFIC SIGNAL STANDARD FOUNDATION PER WSDOT STANDARD PLAN J-26.10-03. FURNISH AND INSTALL TYPE III SIGNAL STANDARD PER SIGNAL STANDARD DETAILS SHEET. INSTALL EQUIPMENT PER SIGNAL POLE EQUIPMENT SCHEDULE.
 - ADJUST EXISTING JUNCTION BOX TO FINISHED GRADE. TYPE AS NOTED ON PLAN.
 - CONSTRUCT TYPE 1 ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH CURB BASE FOUNDATION PER WSDOT STANDARD PLAN J-20.11-03. INSTALL TYPE PS SIGNAL STANDARD PER WSDOT STANDARD PLAN J-21.15-02. INSTALL EQUIPMENT PER SIGNAL POLE EQUIPMENT SCHEDULE.
 - CONSTRUCT TRAFFIC SIGNAL STANDARD FOUNDATION PER WSDOT STANDARD PLAN J-26.10-03. FURNISH AND INSTALL TYPE II SIGNAL STANDARD PER SIGNAL STANDARD DETAILS SHEET. INSTALL EQUIPMENT PER SIGNAL POLE EQUIPMENT SCHEDULE.
 - CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10-04. INSTALL TYPE PS SIGNAL STANDARD PER WSDOT STANDARD PLAN J-21.15-02. INSTALL EQUIPMENT PER SIGNAL POLE EQUIPMENT SCHEDULE.
 - CONSTRUCT FOUNDATION AND INSTALL APS PUSHBUTTON POST AND ASSEMBLY PER WSDOT STANDARD PLAN J-20.15-03.
 - INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1, PER WSDOT STANDARD PLAN J-40.10-04.
 - REMOVE EXISTING JUNCTION BOX. PRESERVE AND PROTECT ALL CONDUIT AND WIRING UNTIL NEW JUNCTION BOX IS INSTALLED AND ASSOCIATED MODIFIED SYSTEM EQUIPMENT IS OPERATIONAL.
 - INTERCEPT EXISTING CONDUIT(S). EXTEND WITH NEW CONDUIT AS INDICATED. SEE WIRE/CONDUIT SCHEDULE.
 - RELOCATE SERVICE DISCONNECT FROM EXISTING POLE AND REINSTALL AND RECONNECT ON NEW POLE. COORDINATE WITH UTILITY COMPANY.
 - INSTALL 3" STEEL LR CONDUIT BODY INTO 8 IN. RISER ADAPTER ON EXISTING CONTROLLER CABINET FOR ROUTING WIRE FROM JUNCTION BOX TO CABINET.
 - PROTECT EXISTING CONTROLLER, SERVICE AND/OR POLE WHERE NOTED.
 - INSTALL TYPE 3S (STOP LINE) INDUCTION LOOPS PER WSDOT STD PLAN J-50.12-12.



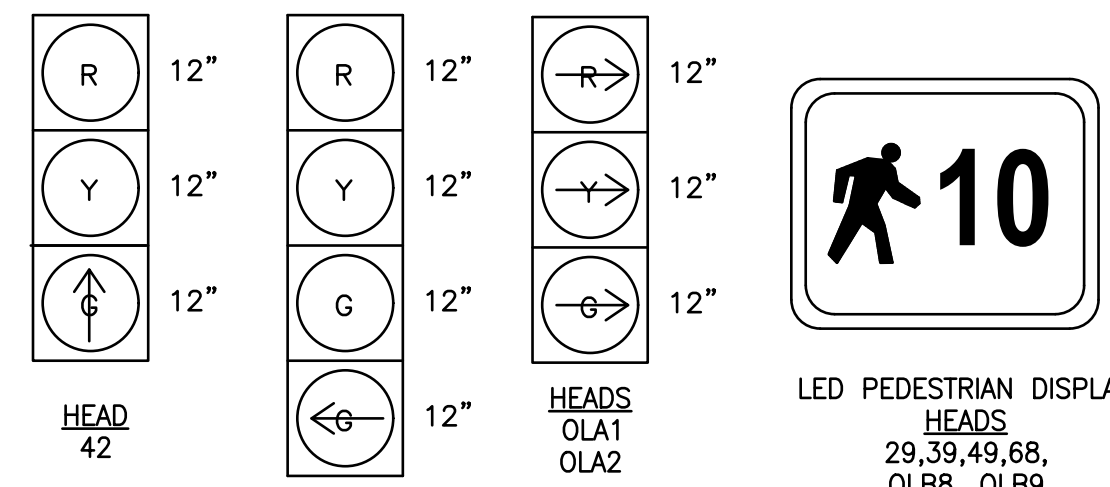
PRE-EMPTION SCHEDULE

| | |
|------------|-------------|
| PRE-EMPT A | PHASE 2 & 5 |
| PRE-EMPT B | PHASE 4 |
| PRE-EMPT C | PHASE 1 & 6 |
| PRE-EMPT D | PHASE 3 |

SIGNAL PHASING



SIGNAL HEAD DISPLAYS



| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | M. KENDALL |
| | | | B. PURGANAN |
| | | | C. SCHOTT |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
 FILE NAME: PS1521151P2CT2T2SG-01
 JOB No.: 554-1521-151 P2C T2T200C
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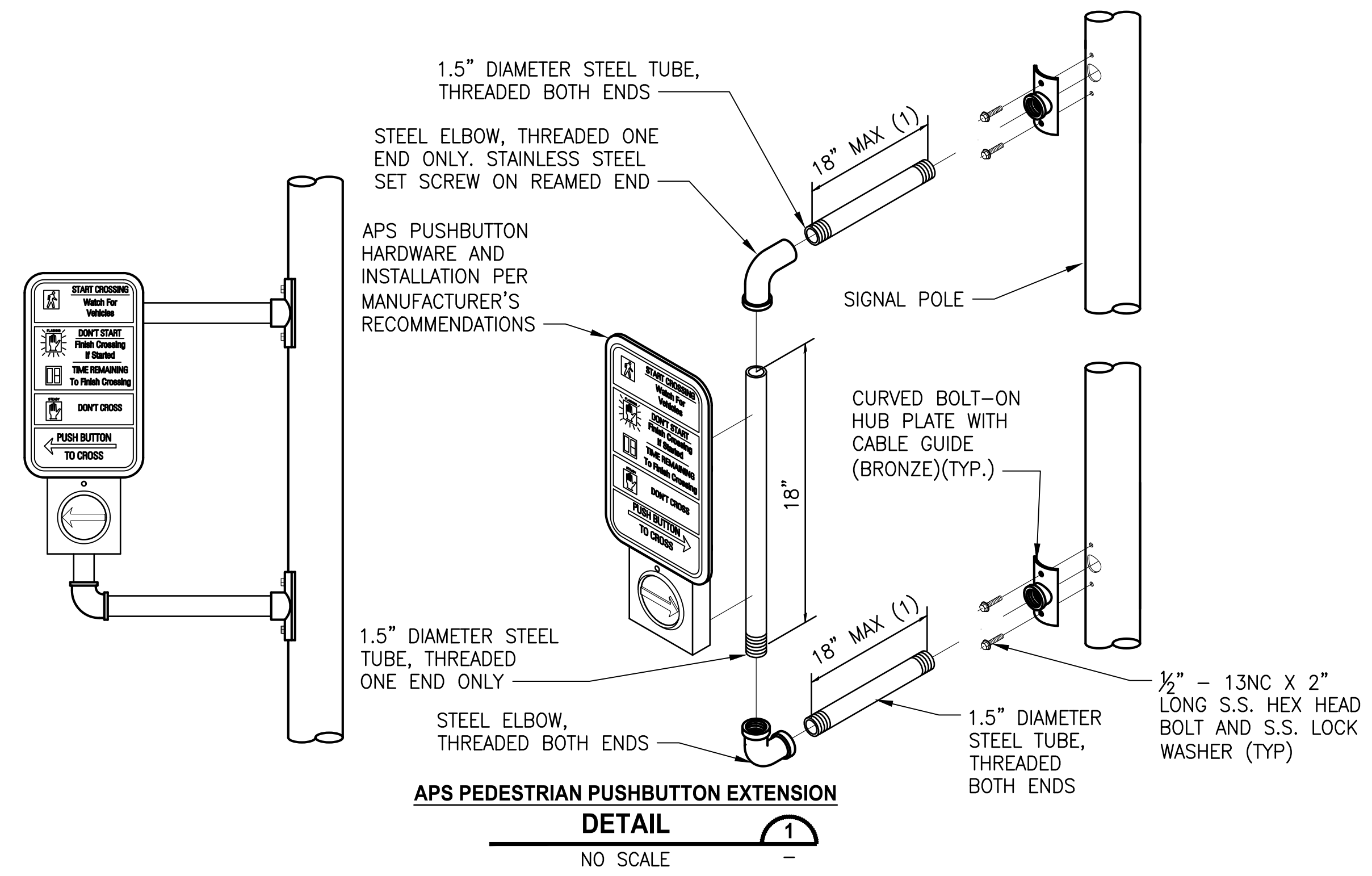
PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURDEN**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

**SIGNAL PLAN
 S NORMANDY RD /
 DES MOINES MEMORIAL DR**

SHEET NO.
 21 OF 45
SG1

LAYOUT: SG2
 PATH: \\p\parametrix.com\pmx\PSO\Projects\Clients\1521-151-L2ST-Seq\995\ca\ADD\Phase 2C\Task 21200C\DWG-Burien
 PLOTTED BY: purgabub DATE: Wednesday, November 8, 2023 12:06:31 PM

| WIRE/CONDUIT SCHEDULE | | | | | | | | | | | |
|-----------------------|--------------|-----------|-----------|-----------|-----------------|------|-----------|-----------------|--------------|-------|-------------------------------------|
| RUN | CONDUIT TYPE | VEH. HEAD | VEH. HEAD | PED. HEAD | PED. HEAD & PPB | PPB | EVP. DET. | VEH. DET. LOOPS | ILLUMINATION | SPARE | NOTES |
| | | 5C | 8C | 5C | 5C | 2C/S | 3C/S | 2C/S | | | |
| 00 | 2" | | | | | | | | | 1 | |
| 6 | EX 2" | | | | | | | | <3 X #8> | | |
| 13 | EX 1" | | | | | | | | <3 X #8> | | |
| 15 | 1" | | | | | 1 | | | | | |
| 22 | 2" | | | | 1 | | | | | | |
| 23 | 2" | 1 | | 1 | | | | | | | |
| 24 | 2" | 1 | | 1 | 1 | | | | | | |
| 25 | EX 1" | | | | | | | | <1>,1 | | |
| 27 | EX 2" | | | | | 2 | | | <1>,1 | | |
| 28 | EX 2" | | <2> | | | | | | <1> | | |
| 29 | EX 3" | | <2> | | | | | | <1> | <1>,1 | |
| 30 | EX 2" | | | | | | | | <6> | | NOT USED |
| 31 | 3" | 1 | | 1 | 1 | 2 | | | | | |
| 32 | EX 3" | <1>,1 | [2] | 1 | (2),3 | 2 | [1] | [3],1 | | | |
| 33 | 3" | 1 | | 2 | | | 2 | | | | |
| 34 | 3" | 2 | | 3 | 4 | | 2 | | | | ROUTE THROUGH RGS RISER |
| 35 | EX 3" | [1] | [4] | | (2) | | [2] | [6] | | | REMOVE 11C (FROM EXISTING POLE #14) |
| 37 | 3" | | | | | 4 | | 1 | | | ROUTE THROUGH RGS RISER |



APS PEDESTRIAN PUSHBUTTON EXTENSION NOTES:

- (1) EXTENSION LENGTH IS AS NOTED ON THE PLANS.
- (2) EXTENSION SHALL BE ORIENTED IN THE FIELD TOWARDS THE BACK OF LANDING AND TO MEET ACCESSIBILITY REACH REQUIREMENTS. COORDINATE ORIENTATION OF EXTENSION ON EXISTING POLE WITH ENGINEER IN THE FIELD PRIOR TO INSTALLATION.
- (3) APS PUSHBUTTON SHALL BE ORIENTED SO THE FACE OF THE BUTTON IS PARALLEL WITH THE DIRECTION OF THE CROSSWALK.
- (4) PUSHBUTTON SHALL FACE TOWARDS THE CENTER OF THE INTERSECTION UNLESS OTHERWISE NOTED.

SIGNAL EQUIPMENT LEGEND:

| EXISTING | PROPOSED | |
|----------|----------|---|
| | | PPB POLE |
| | | PS OR TYPE 1 POLE |
| | | APS PEDESTRIAN PUSHBUTTON |
| | | VEHICLE SIGNAL HEAD |
| | | PEDESTRIAN SIGNAL HEAD |
| | | EMERGENCY PRE-EMPTION DETECTOR |
| | | MAST ARM MOUNTED SIGN |
| | | SIGNAL POLE TYPE 2 |
| | | SIGNAL POLE TYPE 3 |
| | | JUNCTION BOX TYPES 1, 2, 8 |
| | | CONDUIT/WIRE |
| | | SIGNAL CONTROLLER CABINET |
| | | SERVICE CABINET |
| | | TRAFFIC LOOPS |
| | | SIGNAL POLE NUMBER/NOTE |
| | | SIGNAL CONSTRUCTION NOTE |
| | | CONDUIT/WIRE NOTE. SEE SCHEDULE ON SHEET SG5. |

WIRE/CONDUIT SCHEDULE NOTES:

1. ALL CONDUITS CONTAINING CONDUCTORS SHALL INCLUDE A GROUND WIRE, NOT SHOWN IN THE WIRE/CONDUIT SCHEDULE. GROUND WIRE SHALL MATCH THE LARGEST CONDUCTOR (MIN. #8 UNLESS OTHERWISE NOTED).
 2. ALL NEW CONDUIT SHALL BE PVC SCHEDULE 80 OR RIGID METAL.
 3. ALL EMPTY/SPARE CONDUITS SHALL CONTAIN PULL WIRE.
- [#] PROTECT EXISTING WIRE(S) TO REMAIN
 (#) REMOVE EXISTING WIRE(S) AFTER CUTOVER TO NEW SIGNAL WIRE
 <#> REMOVE AND REINSTALL REROUTED EXISTING WIRE(S)
 {##} REMOVE WIRE FOR REINSTALLATION IN NEW CONDUIT
 {{{}} REINSTALL EX WIRE IN NEW CONDUIT

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | M. KENDALL |
| | | | B. PURGANAN |
| | | | C. SCHOTT |
| | | | J. BAILEY |

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 FILE NAME: PSI1521151P2CT2T2SG-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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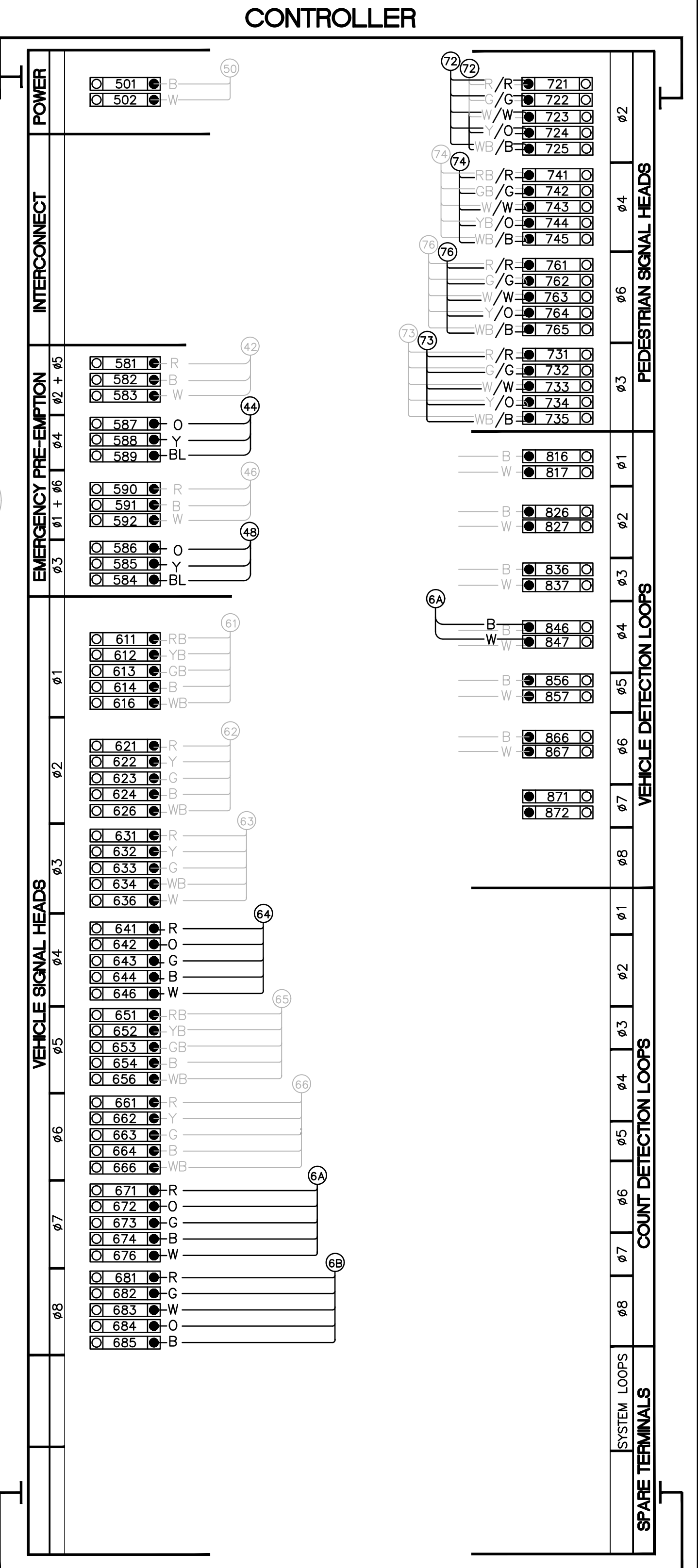
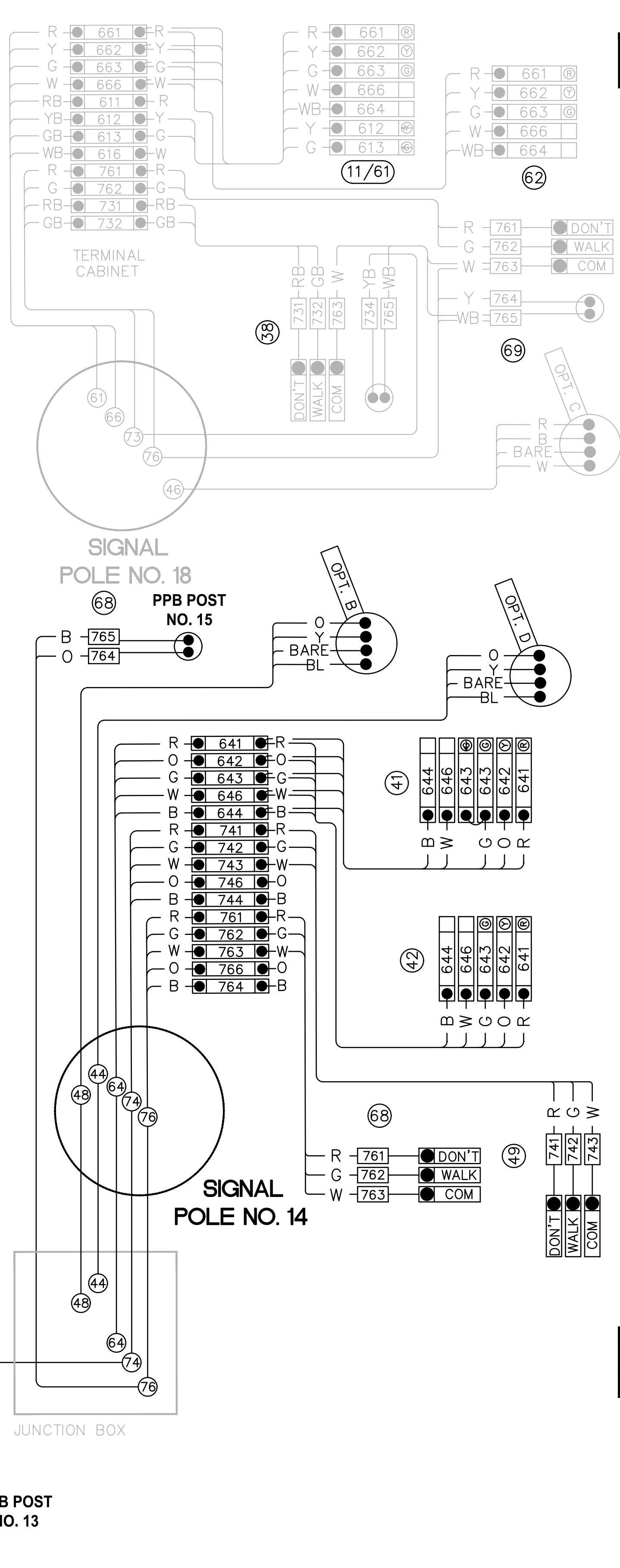
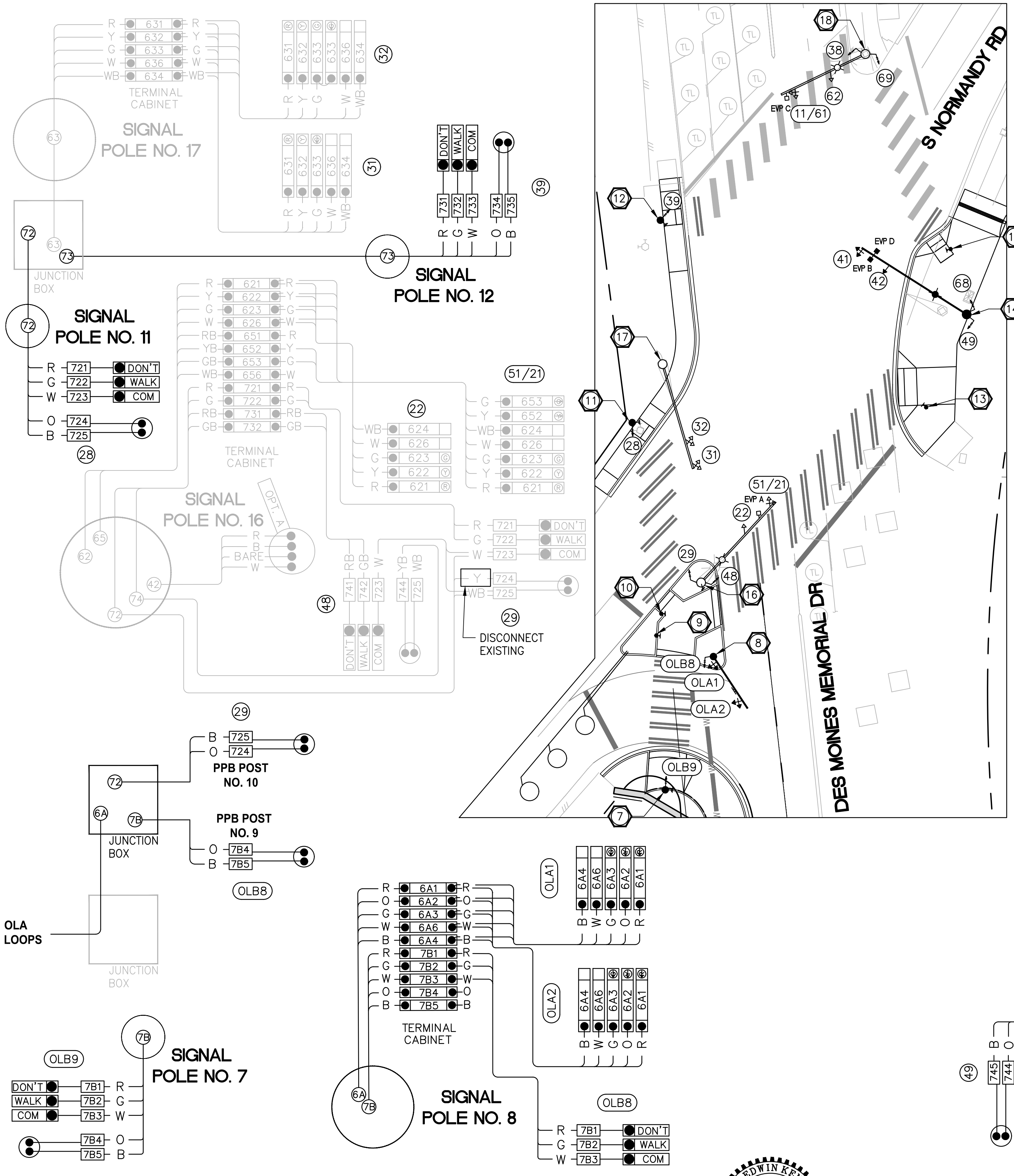
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIED
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

SIGNAL SCHEDULES AND DETAILS

SHEET NO.
 22 OF 45
SG2

LAYOUT: SG4
 PATH: \\parametrix.com\pmx\PS0\Projects\Clients\1521-151 L2ST-Seq\995\ca\ADD\Phase 2\Task 21200C\DWG-Burien
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:06:51 PM



SIGNAL WIRING DIAGRAM NOTES:

1. SIGNAL PHASES 6A AND 6B SHALL UTILIZE PREVIOUSLY UNUSED VEHICLE SIGNAL HEAD PHASES 7 AND 8.
2. EXISTING LOOPS ARE NOT SHOWN AND ARE NOT MODIFIED FROM EXISTING.
3. EXISTING SIGNAL EQUIPMENT AND WIRING TO REMAIN ARE SHOWN IN GREYSCALE.

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | M. KENDALL |
| | | | B. PURGANAN |
| | | | C. SCHOTT |
| | | | J. BAILEY |

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 FILE NAME: PS1521151P2CT2T2SG-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



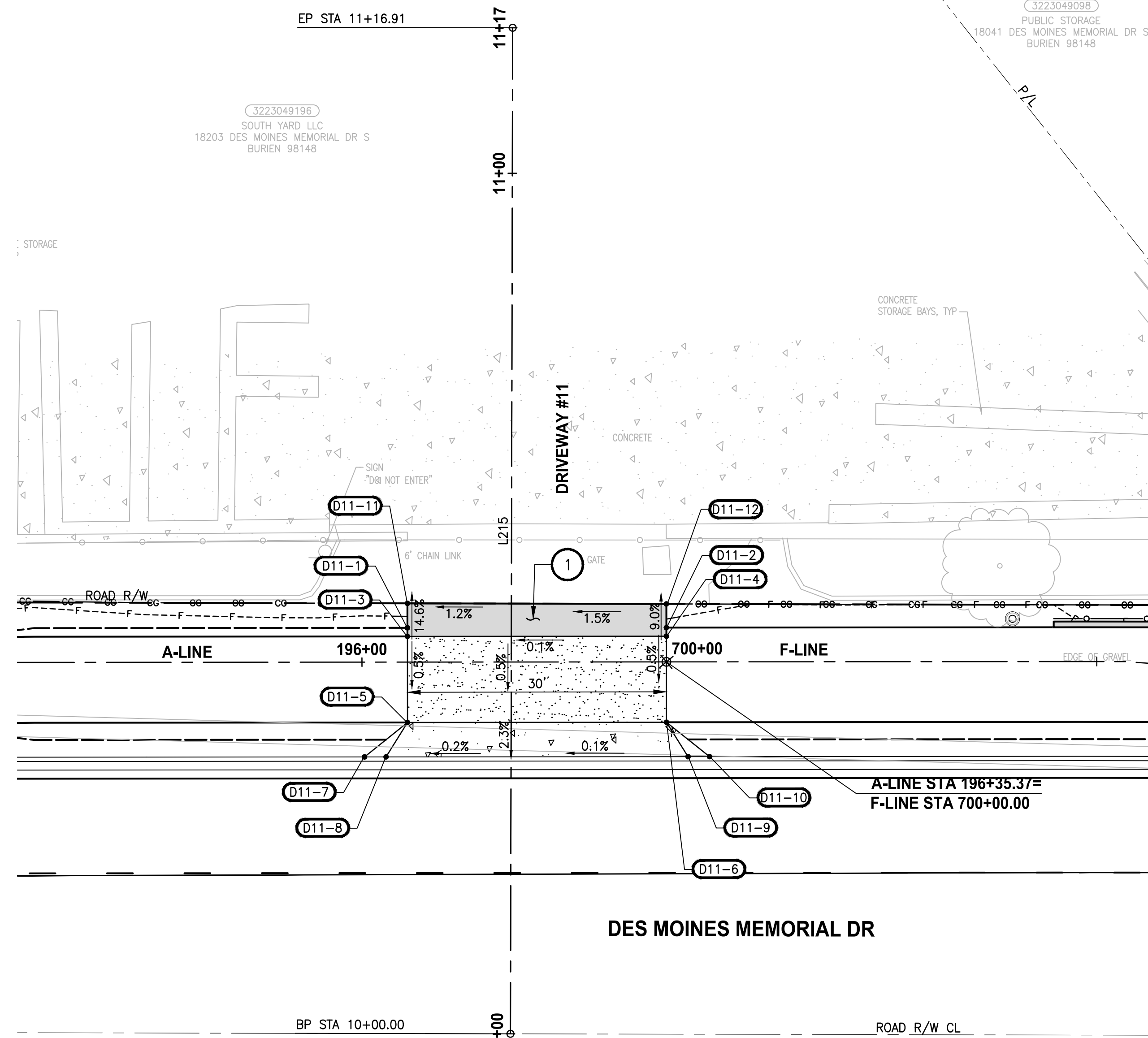
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

SIGNAL WIRING DIAGRAM
S NORMANDY RD /
DES MOINES MEMORIAL DR

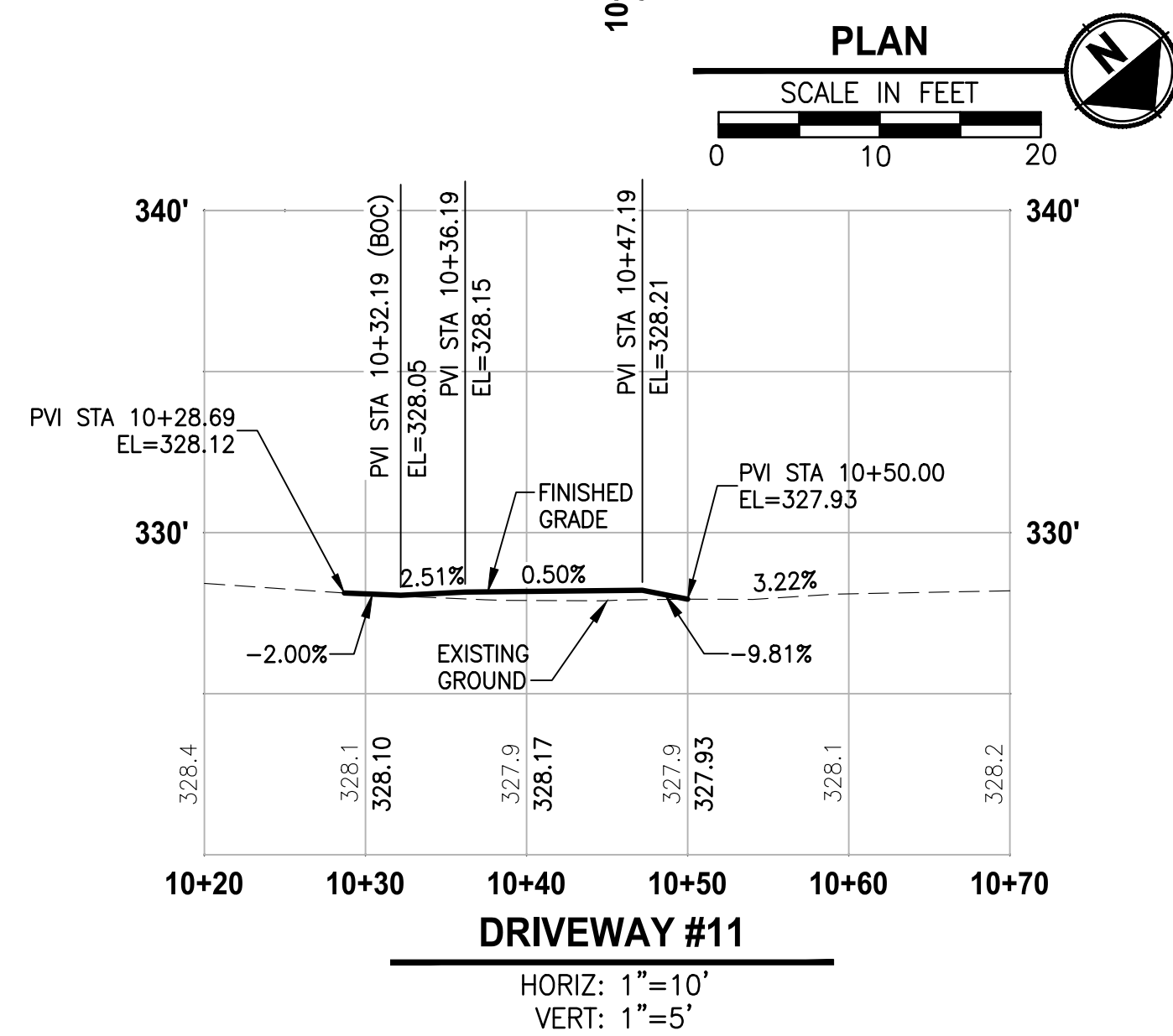
SHEET NO.
 24 OF 45
SG4

T 22N AND 23N, R 4E, W.M.



| DRIVEWAY #11 | | | | |
|--------------|----------|-----------|-----------|----------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| D11-1 | 10+47.15 | 12.07' LT | 328.20' | SHOULDER |
| D11-2 | 10+47.24 | 18.01' RT | 328.23' | SHOULDER |
| D11-3 | 10+46.15 | 12.07' LT | 328.19' | DRIVEWAY EDGE |
| D11-4 | 10+46.24 | 18.02' RT | 328.22' | DRIVEWAY EDGE |
| D11-5 | 10+36.15 | 12.04' LT | 328.14' | DRIVEWAY EDGE |
| D11-6 | 10+36.24 | 18.05' RT | 328.17' | DRIVEWAY EDGE |
| D11-7 | 10+32.14 | 17.03' LT | 328.55' | BACK OF CURB |
| D11-8 | 10+32.15 | 14.53' LT | 328.03' | BACK OF CURB |
| D11-9 | 10+32.25 | 20.57' RT | 328.09' | BACK OF CURB |
| D11-10 | 10+32.26 | 23.07' RT | 328.60' | BACK OF CURB |
| D11-11 | 10+49.99 | 12.08' LT | 327.78' | MATCH EXISTING |
| D11-12 | 10+49.99 | 18.00' RT | 327.98' | MATCH EXISTING |

| DRIVEWAY #11 LINE TABLE | | | | | | |
|-------------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| L215 | 116.91 | S39° 51' 02"W | 1271426.93 | 164107.92 | 1271352.02 | 164018.17 |



CONSTRUCTION NOTES:

- 1 HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
- 2 NOT USED.
- 3 NOT USED.
- 4 EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.

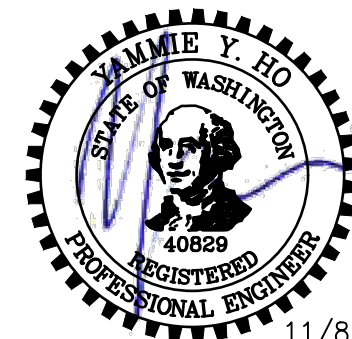
LEGEND:

- PATTERNED CONCRETE DRIVEWAY, SEE 1 MD1
- HMA DRIVEWAY PAVEMENT
- CEMENT CONCRETE DRIVEWAY PAVEMENT
- DETECTABLE WARNING SURFACE

LAYOUT: DP1
 PATH: \\parametrix.com\pm\p\50\Projects\Clients\1521-151 L215-SegC\995\cadd\Phase 2C\Task 21200C\DWG-Burien
 PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:07:17 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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 JOB No.: 554-1521-151 P2C T2T200C
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIED
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION



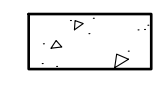
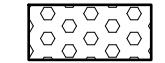
DRIVEWAY PLAN AND PROFILE

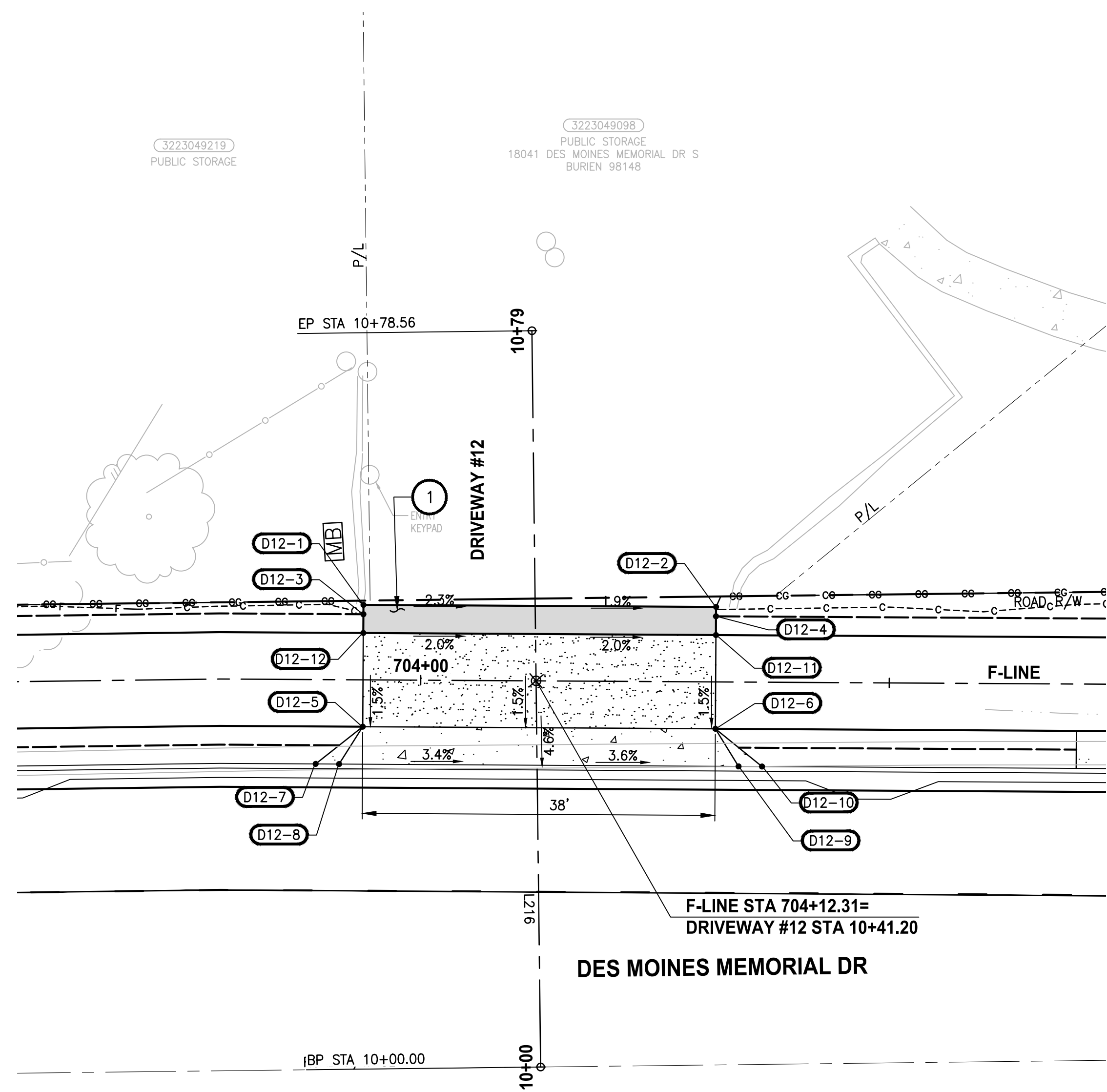
SHEET NO.
 25 OF 45
DP1

CONSTRUCTION NOTES:

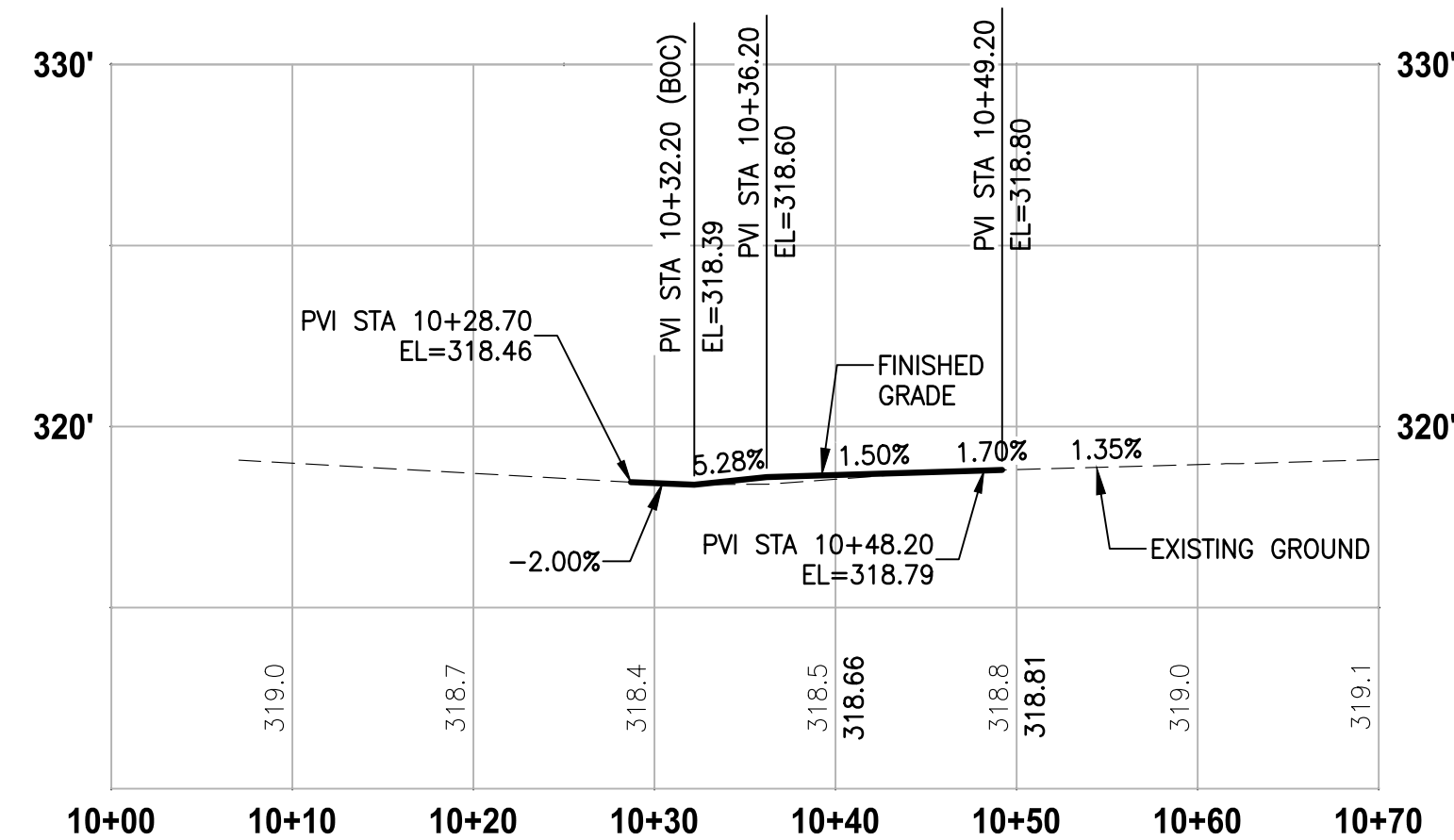
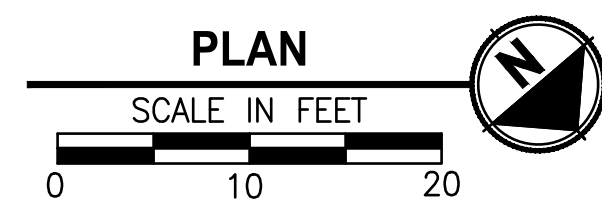
- 1 HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
- 2 NOT USED.
- 3 NOT USED.
- 4 EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.

LEGEND:

-  PATTERNED CONCRETE DRIVEWAY, SEE 1 MD1
-  HMA DRIVEWAY PAVEMENT
-  CEMENT CONCRETE DRIVEWAY PAVEMENT
-  DETECTABLE WARNING SURFACE

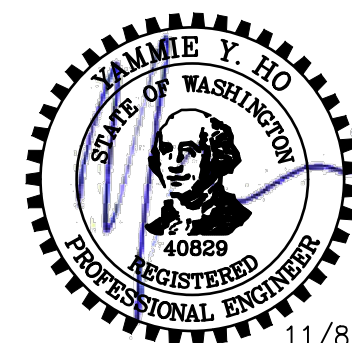


| DRIVEWAY #12 | | | | | |
|--------------|----------|-----------|-----------|---------------|--|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION | |
| D12-1 | 10+49.53 | 18.32' LT | 319.24' | MATCH EX. | |
| D12-2 | 10+48.86 | 19.30' RT | 318.44' | MATCH EX. | |
| D12-3 | 10+48.53 | 18.34' LT | 319.15' | SHOULDER | |
| D12-4 | 10+47.86 | 19.28' RT | 318.40' | SHOULDER | |
| D12-5 | 10+36.53 | 18.55' LT | 318.98' | DRIVEWAY EDGE | |
| D12-6 | 10+35.87 | 19.07' RT | 318.21' | DRIVEWAY EDGE | |
| D12-7 | 10+32.62 | 23.62' LT | 319.85' | BACK OF CURB | |
| D12-8 | 10+32.58 | 21.12' LT | 319.24' | BACK OF CURB | |
| D12-9 | 10+31.82 | 21.50' RT | 317.61' | BACK OF CURB | |
| D12-10 | 10+31.78 | 24.00' RT | 318.03' | BACK OF CURB | |
| D12-11 | 10+45.86 | 19.25' RT | 318.36' | DRIVEWAY EDGE | |
| D12-12 | 10+46.53 | 18.37' LT | 319.12' | DRIVEWAY EDGE | |



| DRIVEWAY #12 LINE TABLE | | | | | | |
|-------------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| L216 | 78.56 | S39° 51' 02"W | 1271096.61 | 164383.63 | 1271046.27 | 164323.31 |

DRIVEWAY #12
 HORIZ: 1"=10'
 VERT: 1"=5'



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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIED**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

DRIVEWAY PLAN AND PROFILE

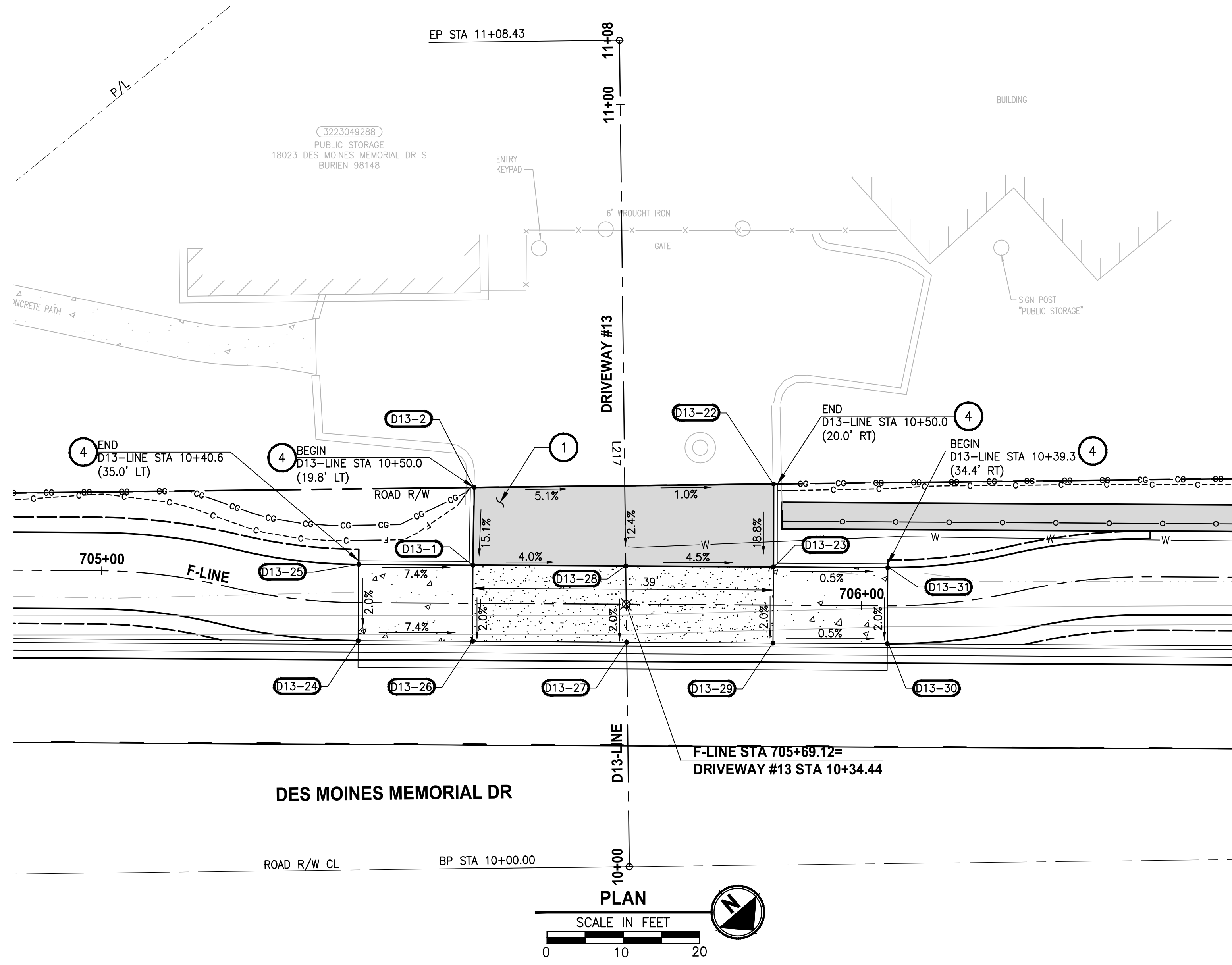
SHEET NO.
 26 OF 45
DP2

LAYOUT: DP2
 PATH: \\p\parametrix.com\pmx\PS0\Projects\Clients\1521-151 L2ST-SegC\995\cs\cadd\Phase 2C\Task 21200C\DWG-Buried
 PLOTTED BY: purgabot DATE: Wednesday, November 8, 2023 12:07:24 PM

| REVISIONS | DATE | BY | DESIGNED Y. HO |
|-----------|------|----|-----------------------|
| | | | DRAWN B. PURGANAN |
| | | | CHECKED J. DVORAK |
| | | | APPROVED J. BAILEY |

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 IF NOT, SCALE ACCORDINGLY**
 FILE NAME
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 JOB No.
 1521-151 P2C T2T200C
 DATE
 MAY 2023

T 22N AND 23N, R 4E, W.M.

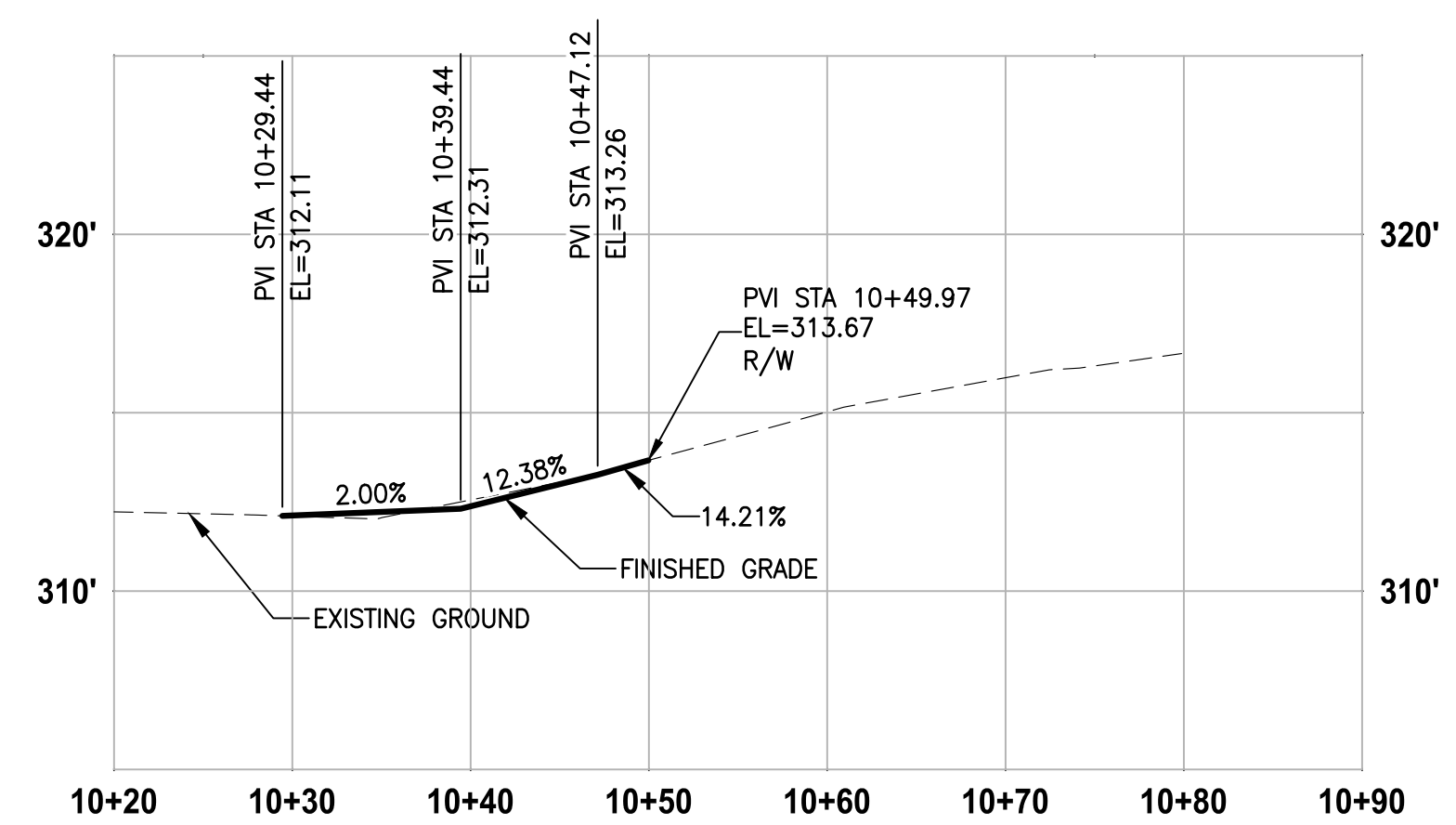
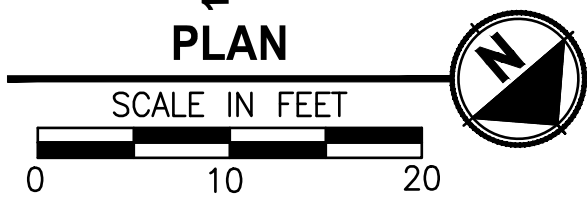


| DRIVEWAY #13 | | | | |
|--------------|----------|-----------|-----------|----------------------------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| D13-1 | 10+39.79 | 20.03' LT | 313.12' | FACE OF EXTRUDED CURB |
| D13-2 | 10+49.97 | 19.76' LT | 314.66' | FACE OF EXTRUDED CURB, MATCH EX. |
| D13-22 | 10+49.97 | 19.52' RT | 313.47' | FACE OF EXTRUDED CURB, MATCH EX. |
| D13-23 | 10+39.09 | 19.37' RT | 311.42' | FACE OF EXTRUDED CURB |
| D13-24 | 10+30.06 | 35.21' LT | 314.03' | BACK OF CURB |
| D13-25 | 10+40.06 | 35.02' LT | 314.23' | FACE OF EXTRUDED CURB |
| D13-26 | 10+29.79 | 20.21' LT | 312.92' | BACK OF CURB |
| D13-27 | 10+29.44 | 0.00' | 312.11' | BACK OF CURB |
| D13-28 | 10+39.44 | 0.00' | 312.31' | DRIVEWAY EDGE |
| D13-29 | 10+29.10 | 19.20' RT | 311.22' | BACK OF CURB |
| D13-30 | 10+28.83 | 34.19' RT | 311.14' | BACK OF CURB |
| D13-31 | 10+38.83 | 34.37' RT | 311.34' | FACE OF EXTRUDED CURB |

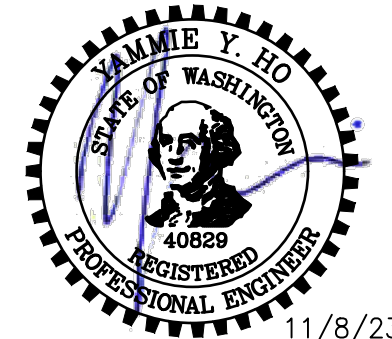
| DRIVEWAY #13 LINE TABLE | | | | | | |
|-------------------------|--------|---------------|---------------|----------------|-------------|--------------|
| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
| L217 | 108.43 | S39° 51' 02"W | 1270976.54 | 164483.85 | 1270907.06 | 164400.61 |

- CONSTRUCTION NOTES:**
- HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
 - NOT USED.
 - NOT USED.
 - EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY, SEE 1 MD1
 - HMA DRIVEWAY PAVEMENT
 - CEMENT CONCRETE DRIVEWAY PAVEMENT
 - DETECTABLE WARNING SURFACE



DRIVEWAY #13
 HORIZ: 1"=10'
 VERT: 1"=5'



11/8/23

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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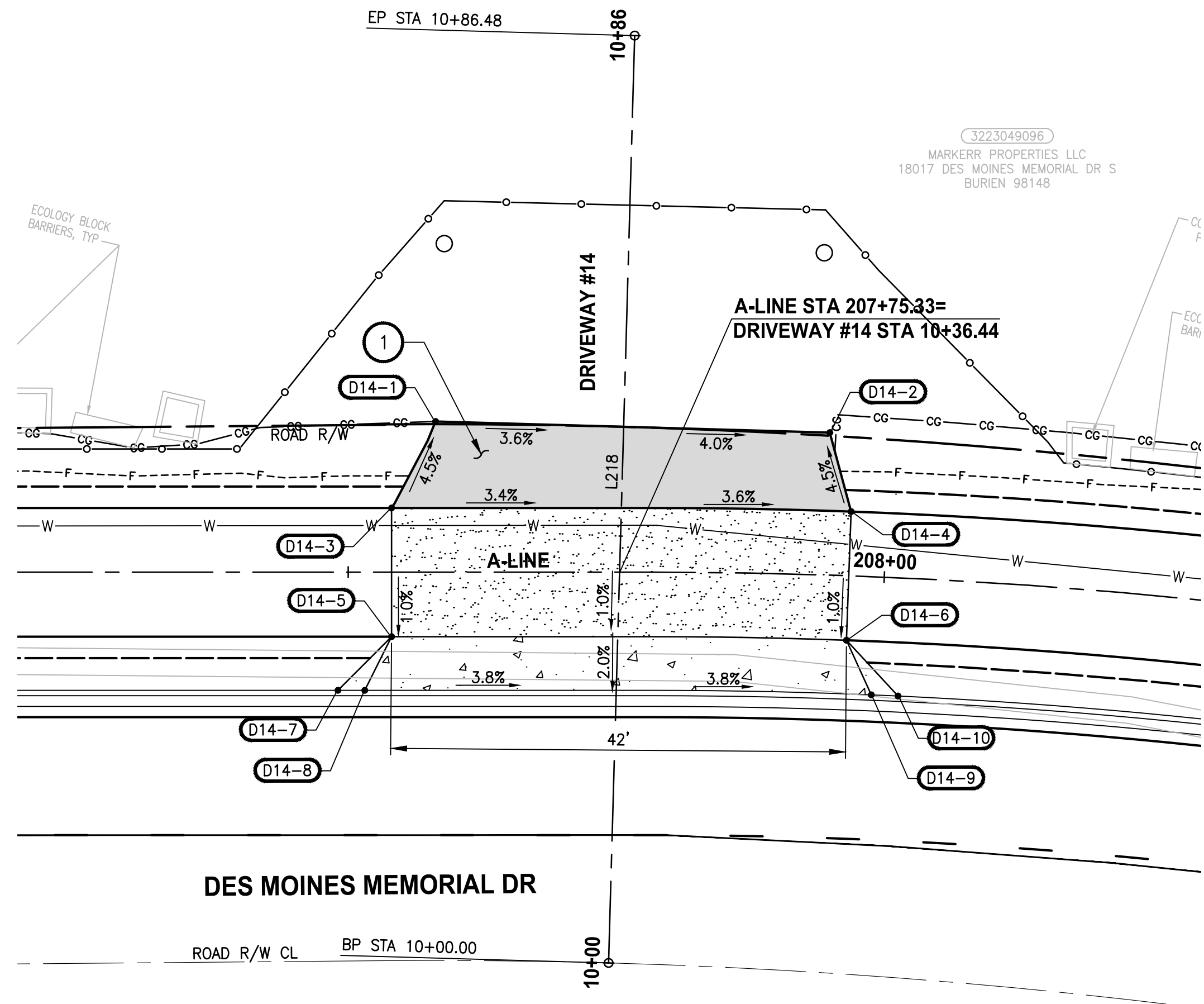
PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIEN**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

DRIVEWAY PLAN AND PROFILE

SHEET NO.
 27 OF 45
DP3

LAYOUT: DP3
 PATH: \\p\parametrix.com\pmx\PS0\Projects\Clients\1521-KingCo\554-1521-151_L2ST-SegC\995\cadd\Phase_2C\Task_27200C\DWG-Burien
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T 22N AND 23N, R 4E, W.M.



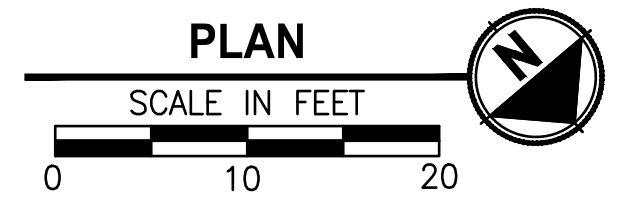
3223049096
MARKERR PROPERTIES LLC
18017 DES MOINES MEMORIAL DR S
BURIEN 98148

- CONSTRUCTION NOTES:**
- HMA DRIVEWAY PAVEMENT SECTION SHALL BE 4" HMA CL. 1/2 PG 64-22 OVER 8" CRUSHED SURFACING BASE COURSE.
 - NOT USED.
 - NOT USED.
 - EXTRUDED CURB TYPE 6, PER WSDOT STD PLAN F-10.42-00.

- LEGEND:**
- PATTERNED CONCRETE DRIVEWAY, SEE 1 MD1
 - HMA DRIVEWAY PAVEMENT
 - CEMENT CONCRETE DRIVEWAY PAVEMENT
 - DETECTABLE WARNING SURFACE

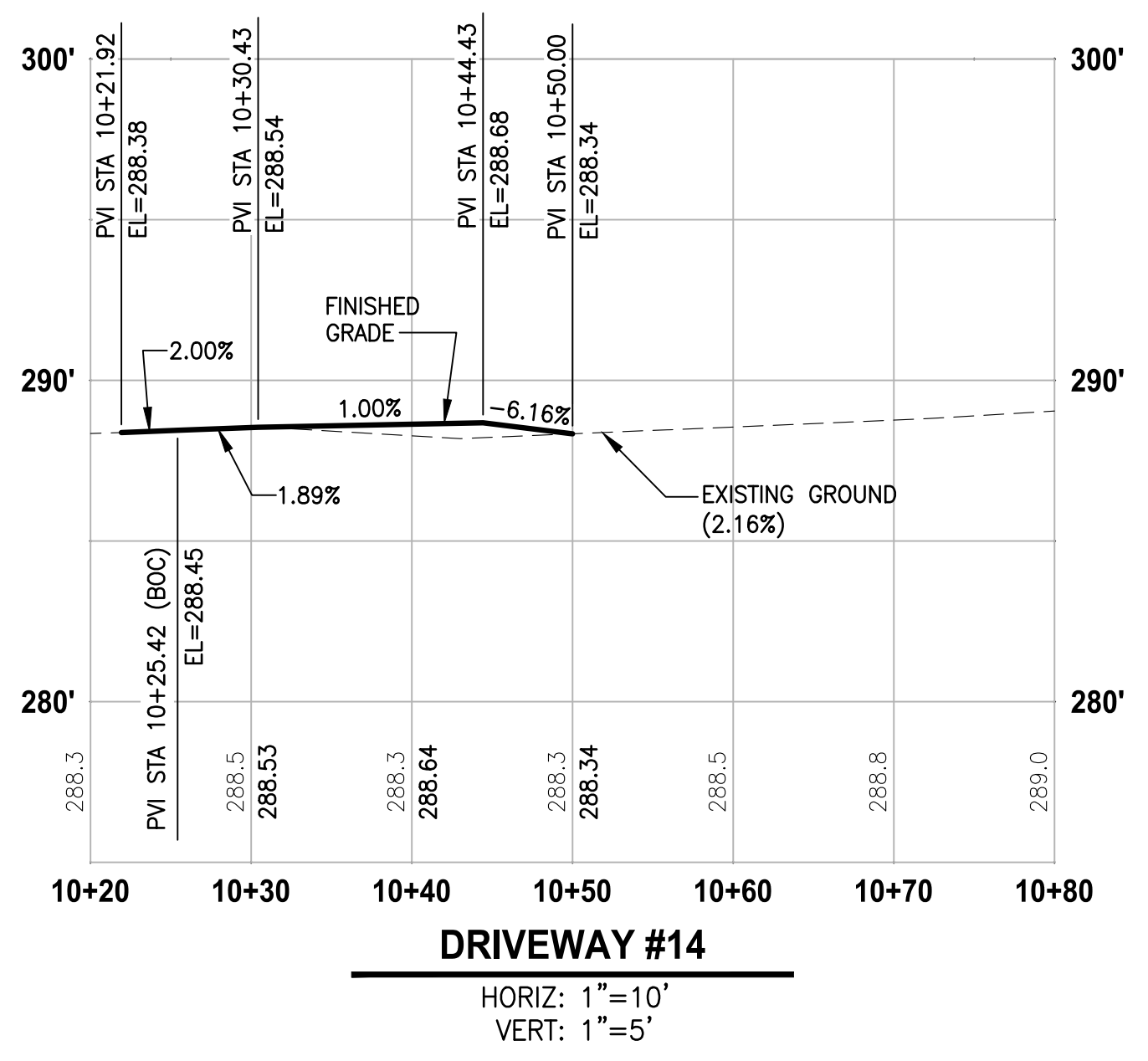
DRIVEWAY #14

| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
|---------|----------|-----------|-----------|---------------|
| D14-1 | 10+50.00 | 17.56' LT | 288.97' | TIE INTO EG |
| D14-2 | 10+50.00 | 19.23' RT | 287.57' | TIE INTO EG |
| D14-3 | 10+41.83 | 21.43' LT | 289.39' | DRIVEWAY EDGE |
| D14-4 | 10+42.69 | 21.43' RT | 287.93' | DRIVEWAY EDGE |
| D14-5 | 10+29.83 | 21.09' LT | 289.27' | DRIVEWAY EDGE |
| D14-6 | 10+30.70 | 21.33' RT | 287.81' | DRIVEWAY EDGE |
| D14-7 | 10+24.69 | 25.95' LT | 289.94' | BACK OF CURB |
| D14-8 | 10+24.76 | 23.45' LT | 289.33' | BACK OF CURB |
| D14-9 | 10+25.67 | 23.79' RT | 287.32' | BACK OF CURB |
| D14-10 | 10+25.63 | 26.29' RT | 287.74' | BACK OF CURB |



DRIVEWAY #14 LINE TABLE

| LINE | LENGTH | BEARING | BEGIN EASTING | BEGIN NORTHING | END EASTING | END NORTHING |
|------|--------|---------------|---------------|----------------|-------------|--------------|
| L218 | 86.48 | S41° 57' 49"W | 1270539.27 | 164849.33 | 1270481.44 | 164785.02 |



LAYOUT: DP4
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151-KingCo\554-1521-151_L2ST-SegC\9858\cadd\Phase_2C\Task_21200C\DWG-Burien
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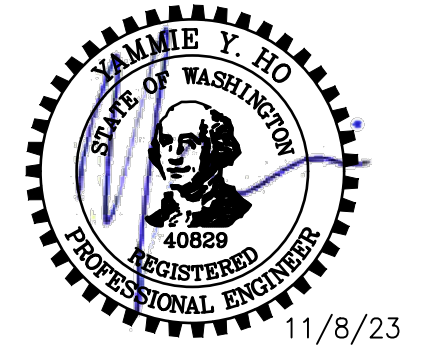
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME
PS1521151P2CT2T2DP-01

JOB No.
554-1521-151 P2C T2T200C

DATE
MAY 2023



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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIEN**

FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

DRIVEWAY PLAN AND PROFILE

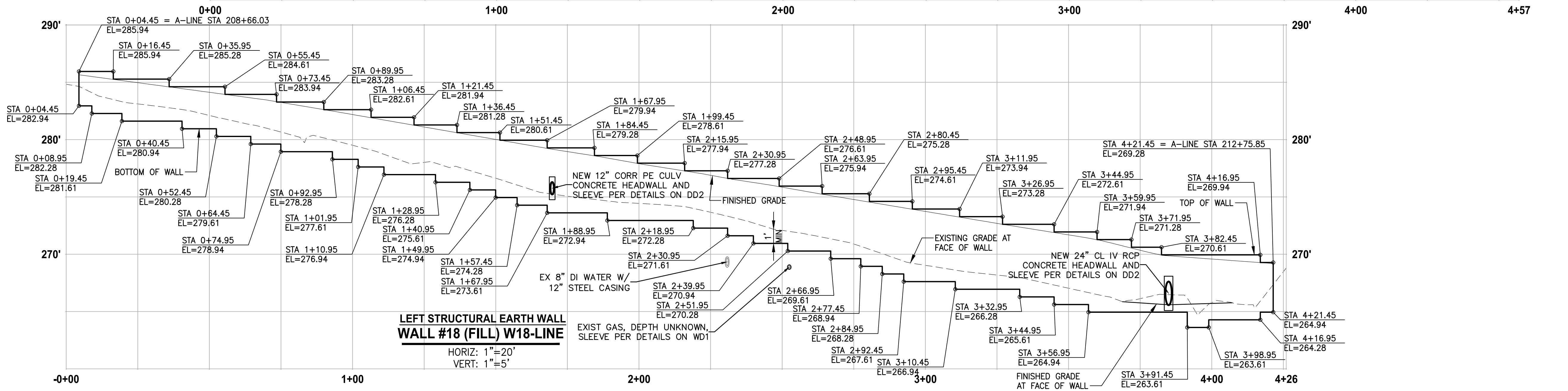
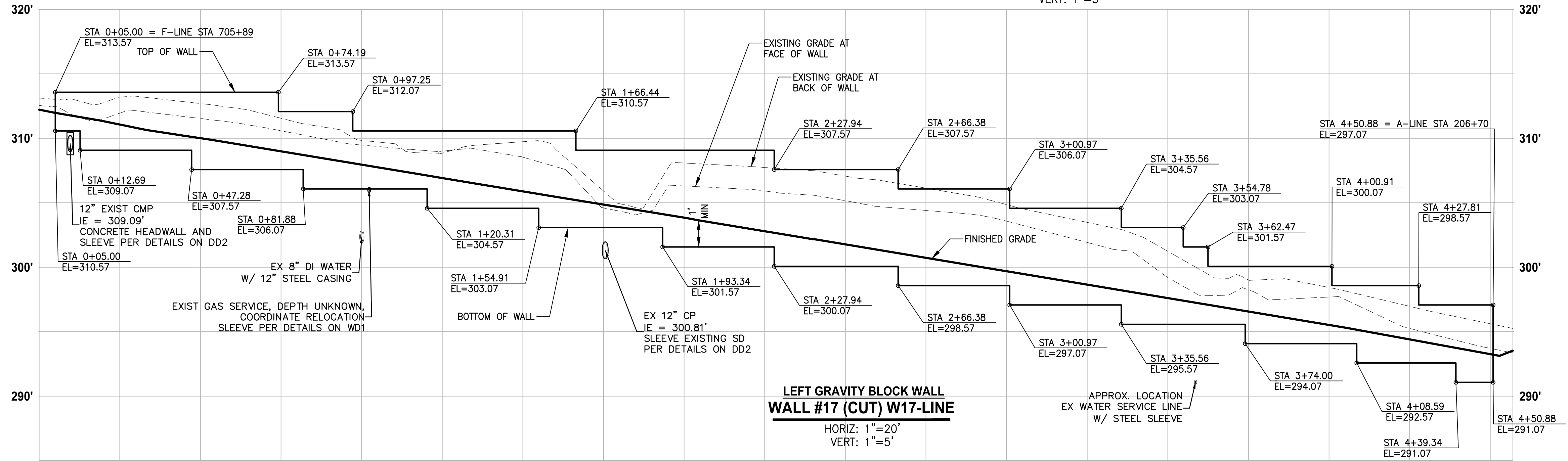
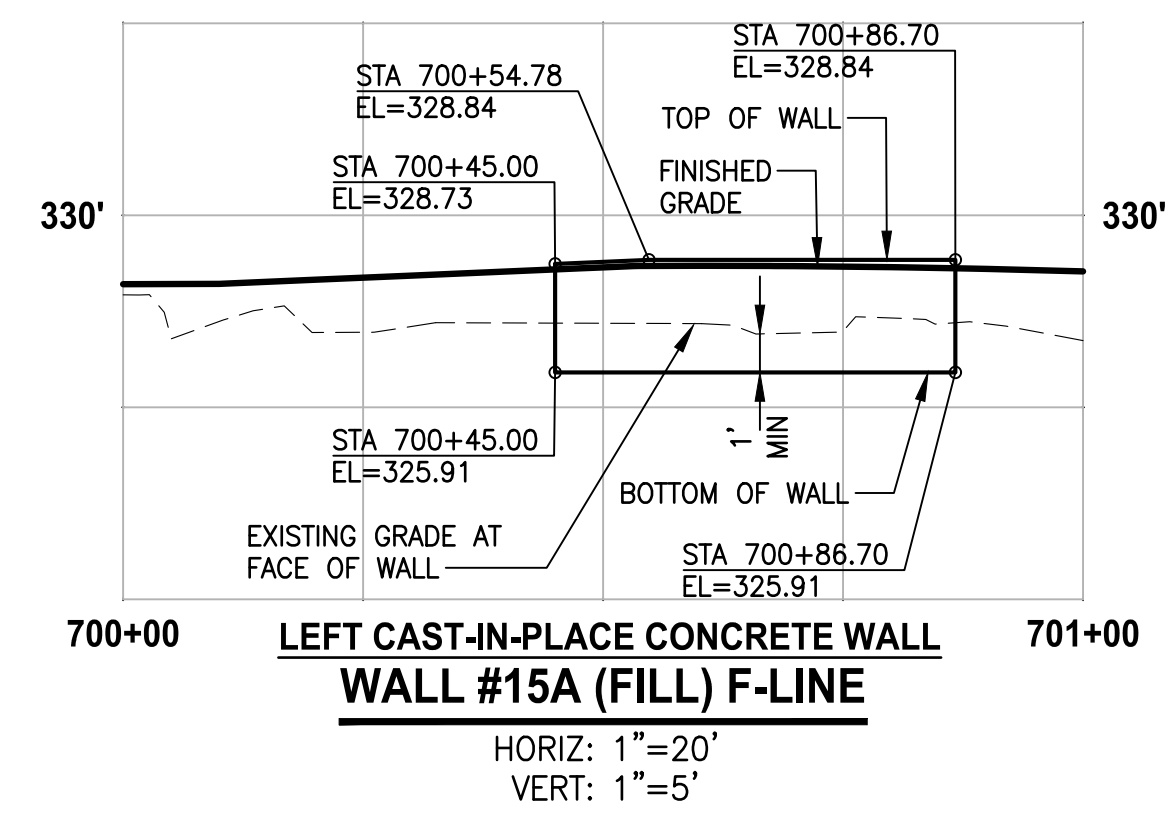
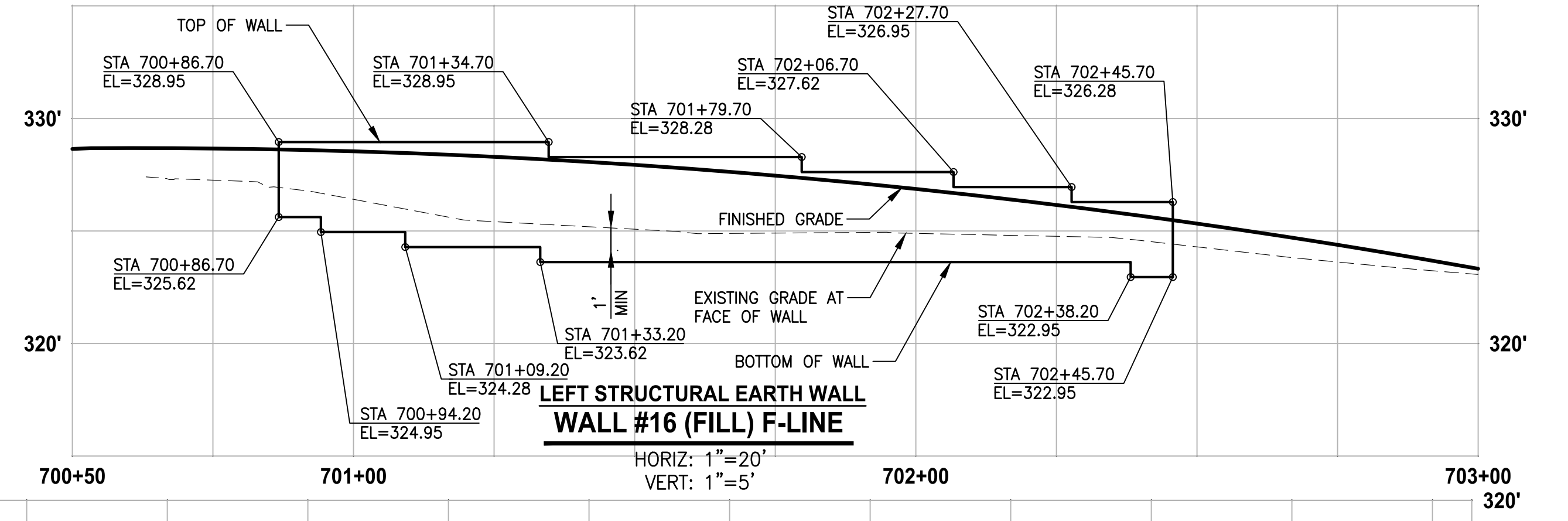
SHEET NO.
28 OF 45

DP4

T 22N AND 23N, R 4E, W.M.

WALL SCHEDULE

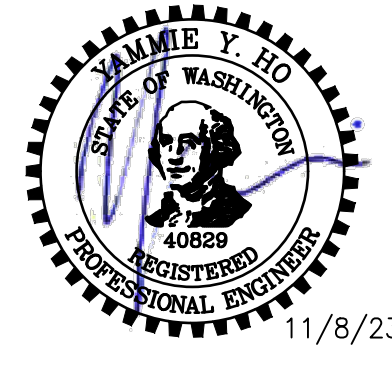
| WALL # | ALIGNMENT | BEGIN STA | END STA | OFFSET | EXPOSED WALL HEIGHT RANGE | FILL/CUT | WALL TYPE |
|----------|-----------|-----------|-----------|---------------|---------------------------|----------|--------------------|
| WALL 15A | F-LINE | 700+45.00 | 700+86.70 | 4.7'LT-6.7'LT | 1.5'-1.9' | FILL | CAST-IN-PLACE CONC |
| WALL 16 | F-LINE | 700+86.70 | 702+45.70 | 8' LT | 1.5'-3.7' | FILL | SEW |
| WALL 17 | W17-LINE | 5+00.00 | 4+50.88 | N/A | 1.6'-7.3' | CUT | GBW |
| WALL 18 | W18-LINE | 0+4.45 | 4+21.45 | N/A | 1.3'-5.5' | FILL | SEW |



LAYOUT: WP1
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151_L2ST-SegC\995\cva\cadd\Phase 2C\Task 21200C\DWG-Burien\

| REVISIONS | DATE | BY | DESIGNED |
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| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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 FILE NAME: PS1521151P2CT212WP-01
 JOB No: 1521-151 P2C T21200C
 DATE: MAY 2023



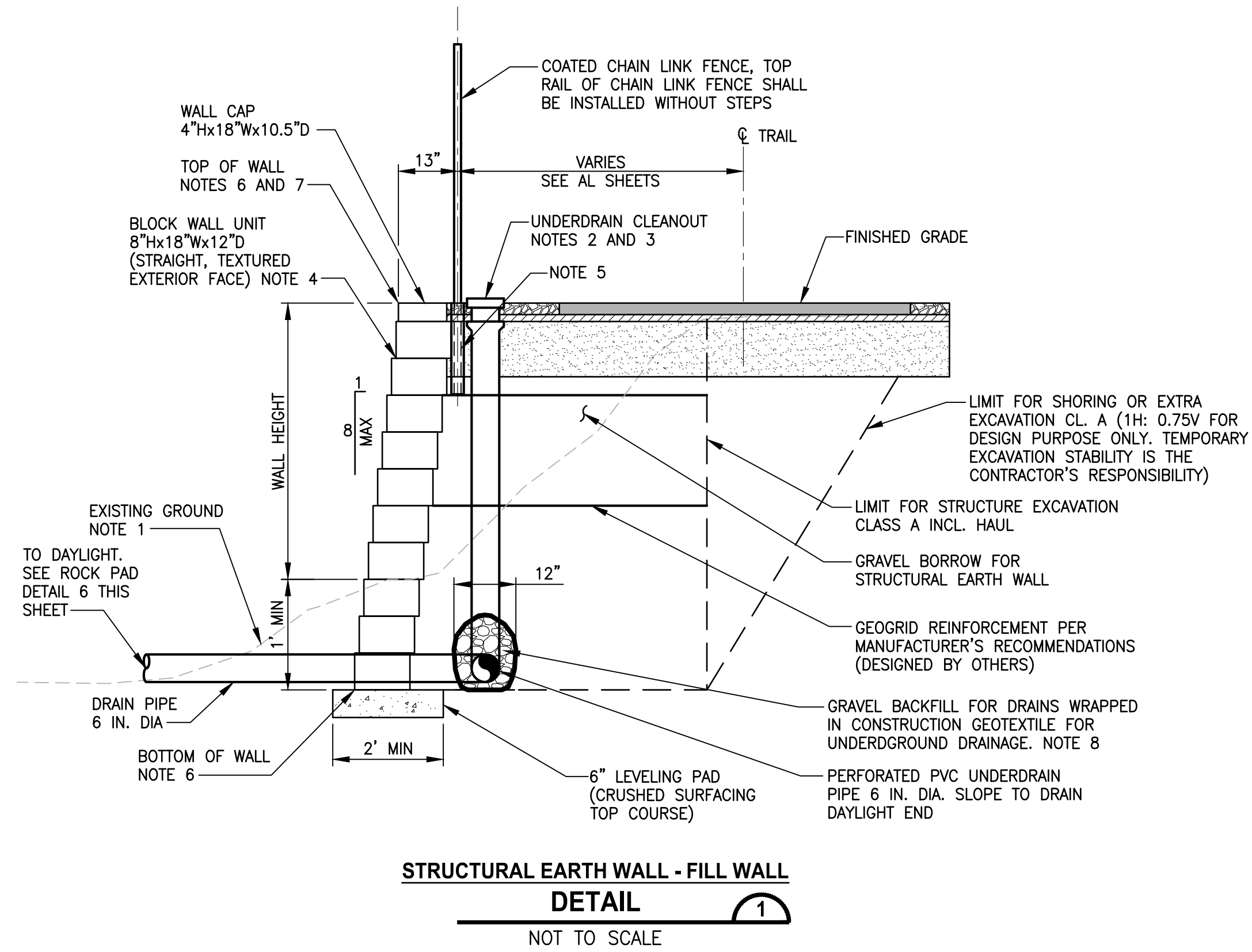
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

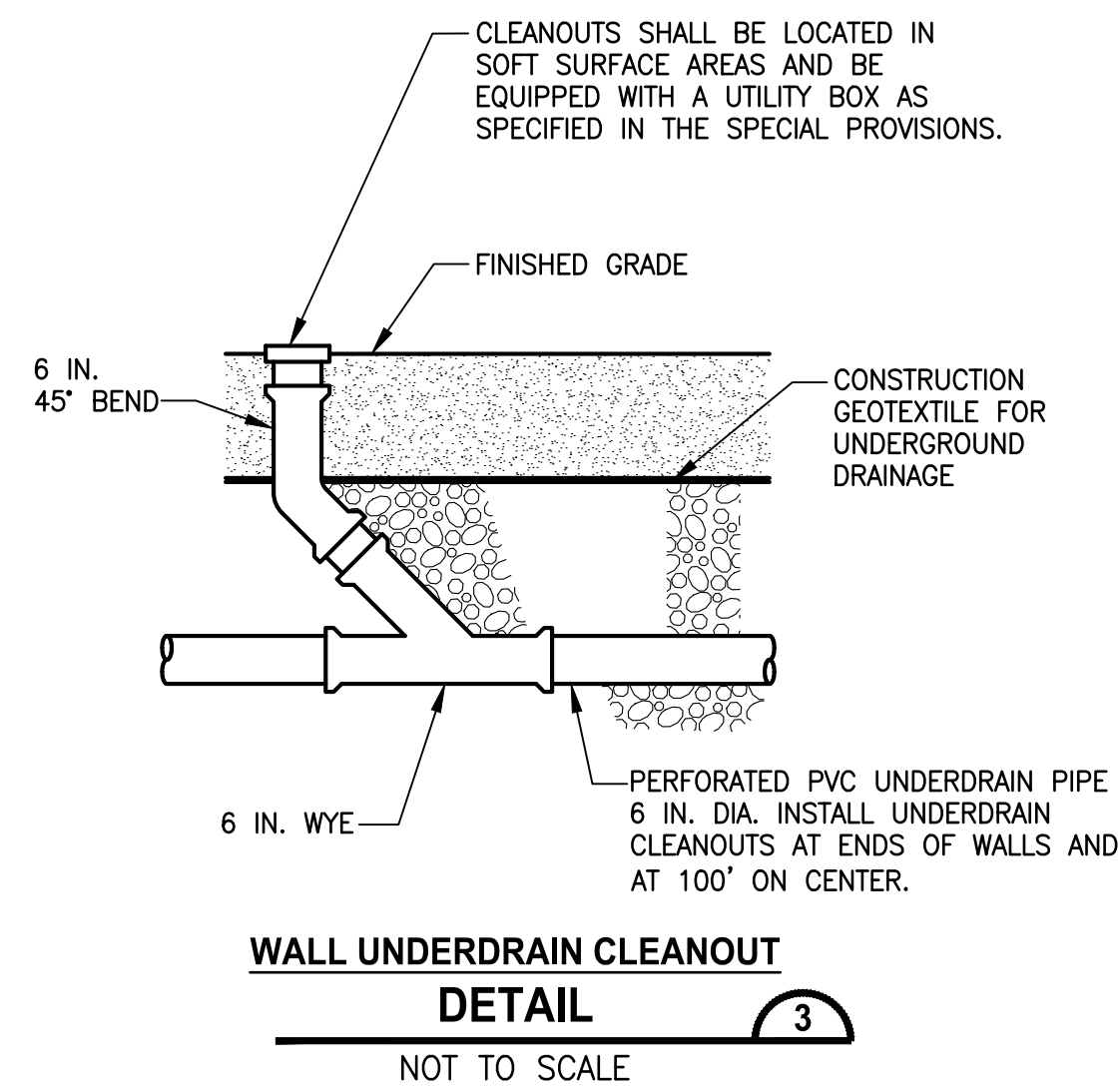
WALL PROFILES

SHEET NO.
 29 OF 45
WP1

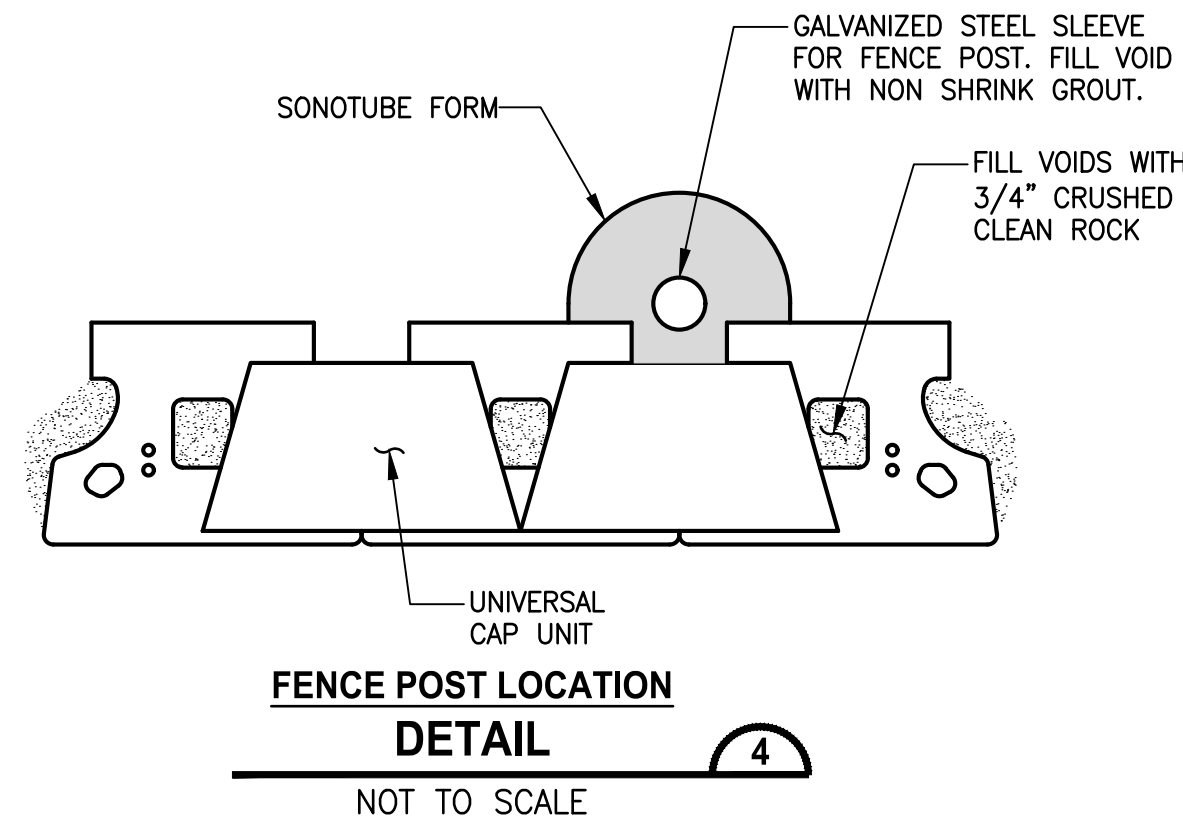
T 22N AND 23N, R 4E, W.M.



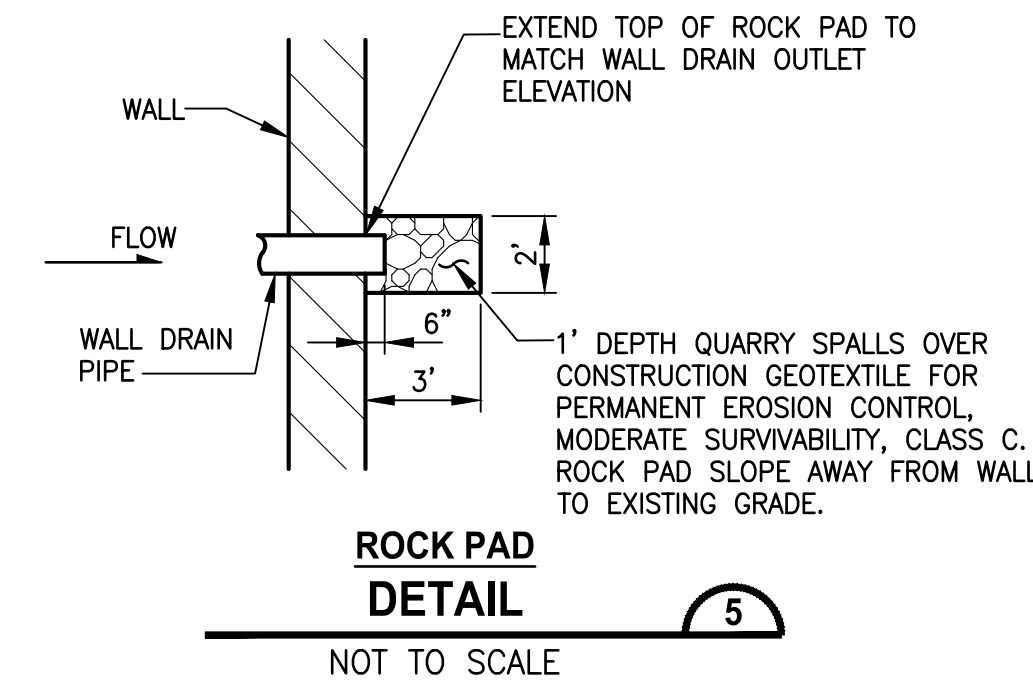
**STRUCTURAL EARTH WALL - FILL WALL
DETAIL 1**
NOT TO SCALE



**WALL UNDERDRAIN CLEANOUT
DETAIL 3**
NOT TO SCALE



**FENCE POST LOCATION
DETAIL 4**
NOT TO SCALE



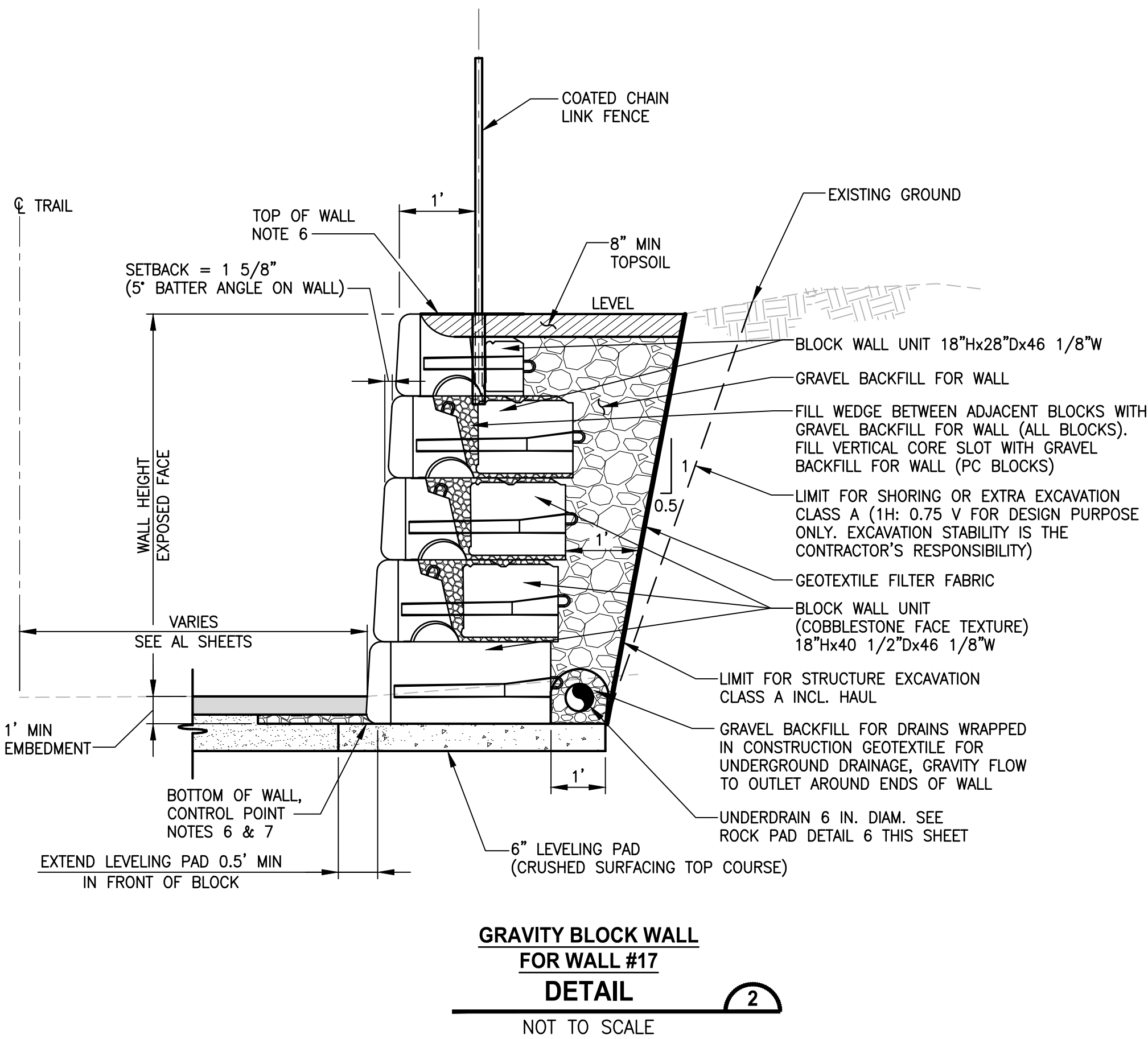
**ROCK PAD
DETAIL 5**
NOT TO SCALE

NOTES:

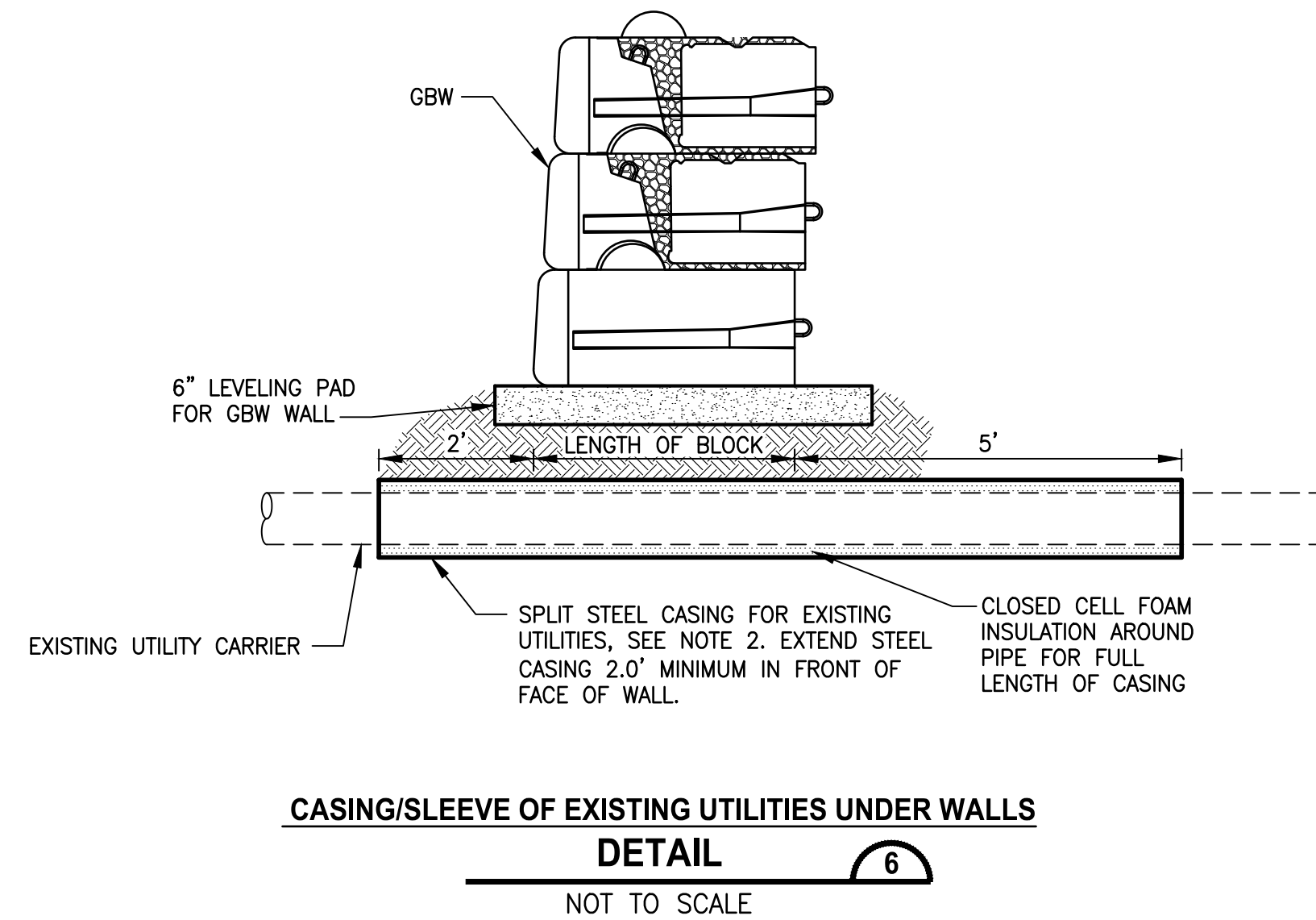
- RESTORE DISTURBED EXISTING GROUND WITH NATIVE SOIL BACKFILL AND SEEDING. ANY LANDSCAPING SHALL BE OFFSET 2 FEET MIN FROM FACE OF WALL.
- SEE UNDERDRAIN CLEANOUT DETAIL 3, THIS SHEET.
- UNDERDRAIN CLEANOUT LIDS SHALL BE INSTALLED ALONG THE BACK OF WALL BLOCK AND SHALL NOT BE IN TRAIL HMA PAVEMENT.
- FILL BLOCK UNITS WITH UNIT DRAINAGE FILL. SEE SPECIAL PROVISIONS FOR WALL DESIGN REQUIREMENTS. ALL CONSTRUCTION MUST CONFORM TO MANUFACTURER'S SPECIFIC REQUIREMENTS.
- POST SHALL HAVE MIN 24" DEPTH. SEE DETAIL 4 ON THIS SHEET FOR FENCE POST PLACEMENT.
- SEE WP SHEETS FOR TOP AND BOTTOM OF WALL ELEVATIONS.
- FOR FILL WALLS, OFFSET DISTANCE IS AT THE OUTSIDE EDGE OF THE CAP BLOCK PER DETAIL 1. FOR CUT WALLS, OFFSET DISTANCE IS AT THE BOTTOM OF WALL FACE PER DETAIL 2.
- GRAVEL BACKFILL FOR DRAINS SHALL BE CLEAN AND FREE DRAINING.

DESIGN LOAD FOR FILL AND CUT WALLS

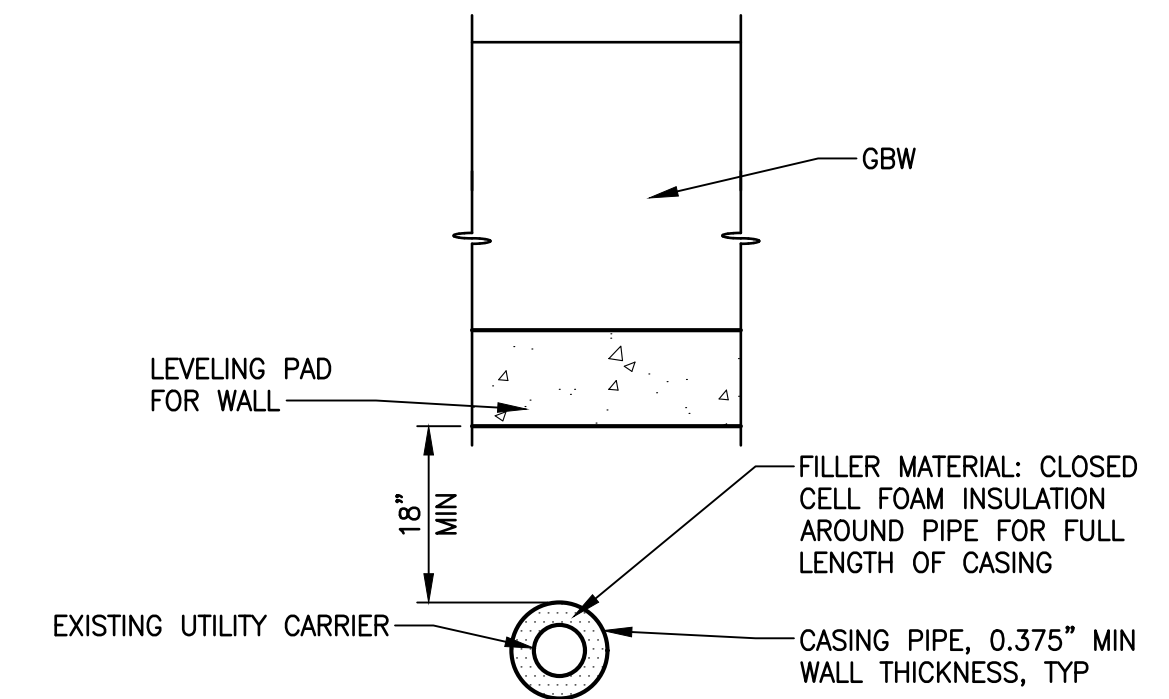
| | |
|----------|---------|
| LIVELOAD | 250 PSF |
| DEADLOAD | NONE |



**GRAVITY BLOCK WALL
FOR WALL #17
DETAIL 2**
NOT TO SCALE



**CASING/SLEEVE OF EXISTING UTILITIES UNDER WALLS
DETAIL 6**
NOT TO SCALE



NOTES:

- CASING REQUIRED SHALL BE SMOOTH GRADE C STEEL, COMPLY WITH ASTM A139, AND HAVE MIN 36,000 PSI YIELD.
- FOR UTILITY PIPE LINE EQUAL OR OVER 6" DIA., INSIDE DIAMETER OF CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE UTILITY BY 4".
- PROVIDE A WRAP AROUND END SEAL WITH STAINLESS STEEL BANDS ON BOTH ENDS.

**CROSS SECTION FOR CASING/SLEEVE
OF EXISTING UTILITIES UNDER WALLS
DETAIL 7**
NOT TO SCALE

PLOTTER BY: purgobut DATE: Wednesday, November 8, 2023 12:08:18 PM
PATH: \\parametrix.com\pmx\PSU\Projects\Clients\1521-151_L2ST-Seq\995\ca\CaDD\Phase 2C\Task 27200C\DWG-Burien\ LAYOUT: WD1

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**

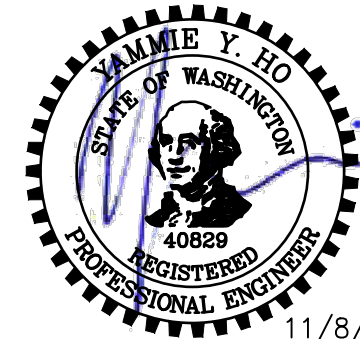
FILE NAME
PS1521151P2CT2T2WD-01

DRAWN
B. PURGANAN

CHECKED
J. DVORAK

APPROVED
J. BAILEY

11/8/23



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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIED**

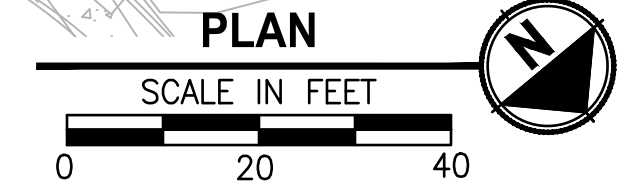
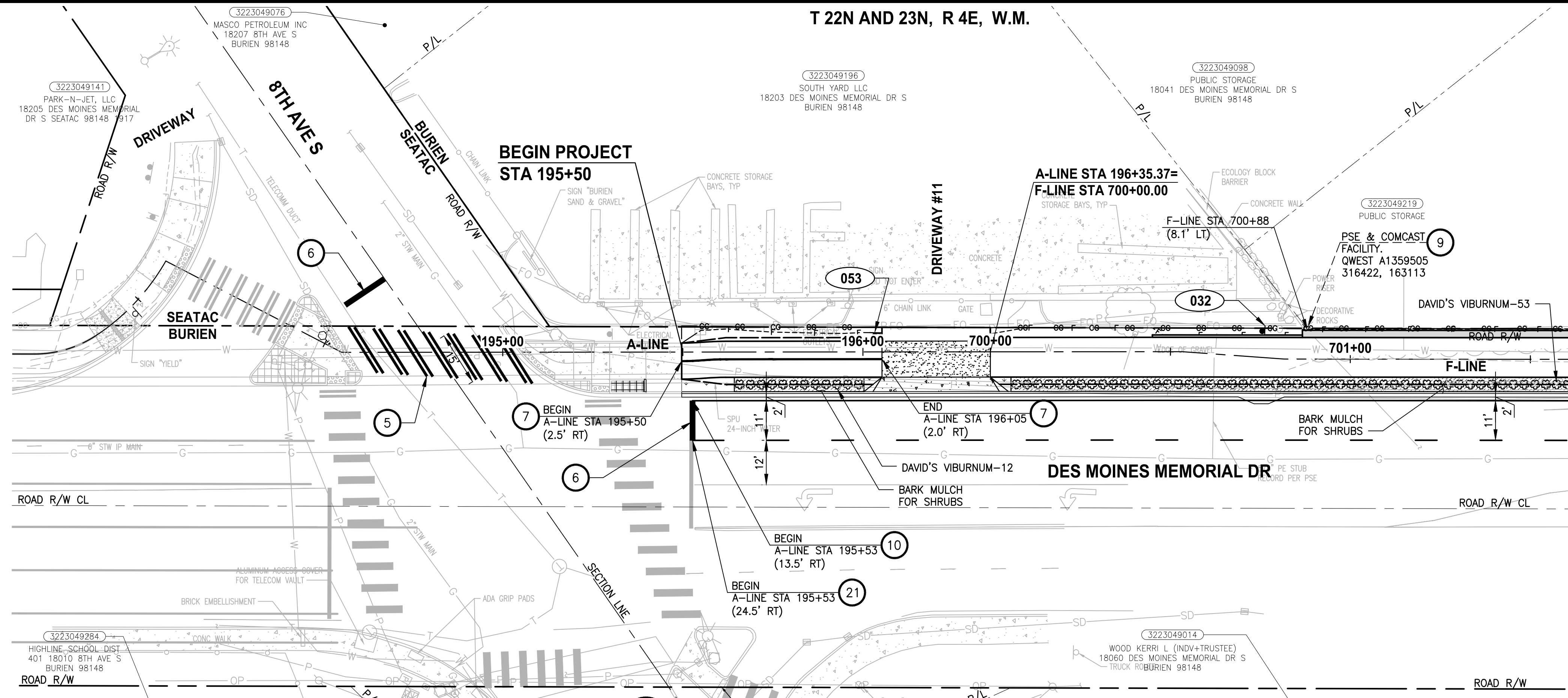
FROM 8TH AVENUE S / DES MOINES MEMORIAL
DRIVE INTERSECTION TO S. NORMANDY ROAD /
DES MOINES MEMORIAL DRIVE INTERSECTION

WALL DETAILS

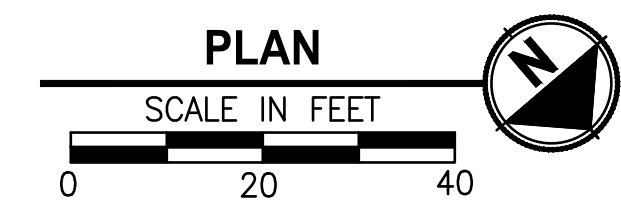
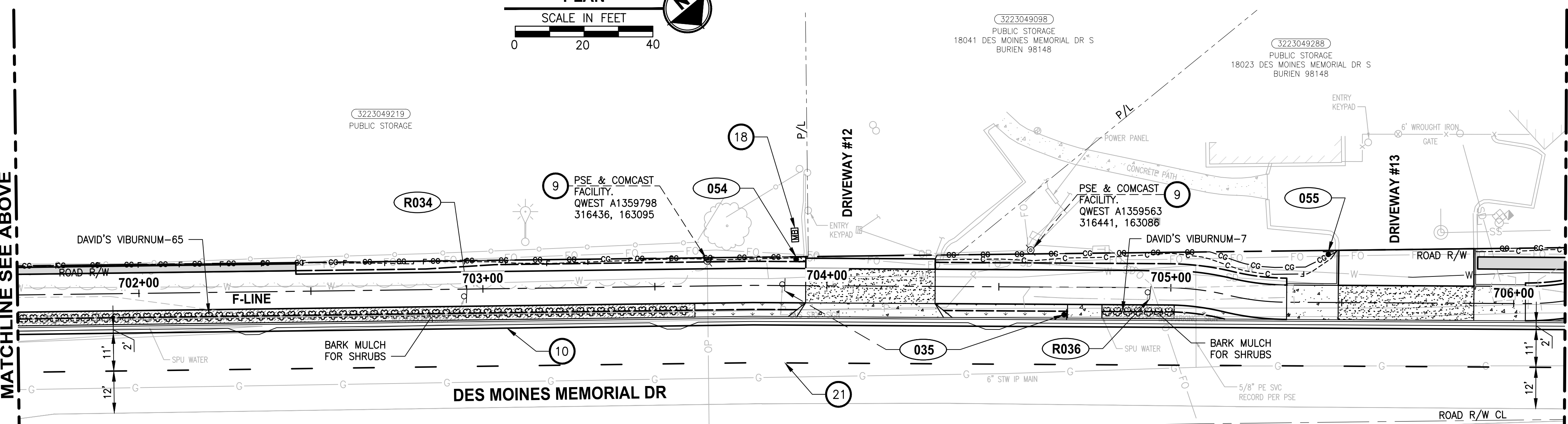
SHEET NO.
30 OF 45

WD1

T 22N AND 23N, R 4E, W.M.



MATCHLINE SEE ABOVE



PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

- 1 INSTALL BOLLARD STRIPING. SEE DETAIL (1 MDT) (1 MDT)
- 2 INSTALL TOP-LOCKING REMOVABLE BOLLARD. SEE DETAILS ON SHEETS MD1 AND MD2.
- 3 INSTALL FIXED BOLLARDS. SEE DETAILS ON SHEETS MD1 AND MD3.
- 4 THERMOPLASTIC WARNING BAND. SEE DETAIL (3 MDT)
- 5 INSTALL WHITE THERMOPLASTIC CROSSWALK, PER KING COUNTY FIG. 4-001
- 6 INSTALL 16" WHITE THERMOPLASTIC STOP BAR, PER KING COUNTY FIG. 4-001
- 7 INSTALL 4" SOLID YELLOW PAINTED LINE ALONG ALIGNMENT LINE.
- 8 RELOCATE EXISTING LIGHT POLE, BY OTHERS.
- 9 RELOCATE OR REMOVE EXISTING WOOD LIGHT/UTILITY POLE, BY OTHERS.
- 10 INSTALL WHITE THERMOPLASTIC EDGE LINE, PER WSDOT STD PLAN M-20.10-02.
- 11 INSTALL DOUBLE YELLOW CENTER LINE, PER WSDOT STD PLAN M-20.10-02.
- 12 INSTALL MEMORIAL MARKERS PER DETAIL (1 CS2)
- 13 INSTALL MARKING SCULPTURE, BY OTHERS.
- 14 REMOVE EXISTING LIGHT POLE.
- 15 RAISED PAVEMENT MARKERS TYPE 2YY, PER WSDOT STD PLAN M-20.50-02.
- 16 RELOCATE/INSTALL TYPE 1 JUNCTION BOX FOR ADJACENT LIGHT POLE, BY OTHERS.
- 17 INSTALL YELLOW THERMOPLASTIC EDGE LINE, PER WSDOT STD. PLAN M-20.10-02.
- 18 INSTALL TEMPORARY PROJECT SIGN. SEE APPENDIX B IN SPECS FOR DETAILS. SIGN WILL BE PROVIDED BY THE COUNTY. EXACT LOCATION OF THE SIGN SHALL BE VERIFIED WITH THE COUNTY PRIOR TO INSTALLATION.
- 19 NOT USED.
- 20 REMOVE EXISTING UTILITY POLE, BY OTHERS.
- 21 RESTORE TYPE 1W & TYPE 2W RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02 TO MATCH EXISTING CHANNELIZATION.
- 22 REMOVE EXISTING LIGHT POLE, BY OTHERS.
- 23 NOT USED.
- 24 INSTALL PLASTIC TRAFFIC ARROW, PER WSDOT STD PLAN M-24.40-02.
- 25 INSTALL (4) 2" CONDUIT SCH. 80.
- 26 INSTALL JUNCTION BOX TYPE 2, PER WSDOT STD PLAN J-40.10-04.

LEGEND:

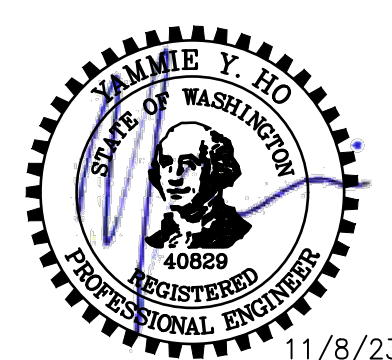
- (XXX) SIGN, SEE SHEET PS4 FOR SIGN SCHEDULE.
- (RXXX) REMOVE EXISTING SIGN, SEE PS4 FOR SIGN INFORMATION.
- [Pattern] SEEDING AND MULCHING
- [Pattern] BARK MULCH
- [Symbol] DAVID'S VIBURNUM

LAYOUT: PSI PATH: \\parametrix.com\pm\pso\Projects\Clients\1521-151 L2ST-Seq\98563\CADD\Phase 2C\Task 27200C\DWG-Burien DATE: Wednesday, November 8, 2023 12:08:35 PM PLOTTED BY: purgabut

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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FILE NAME: PS1521151P2CT2T2PS-01
 JOB No: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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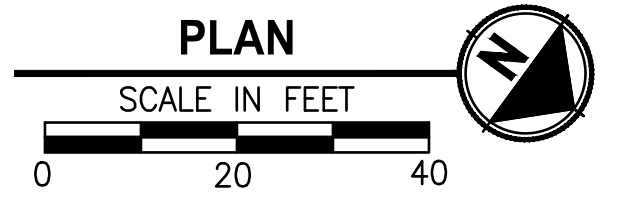
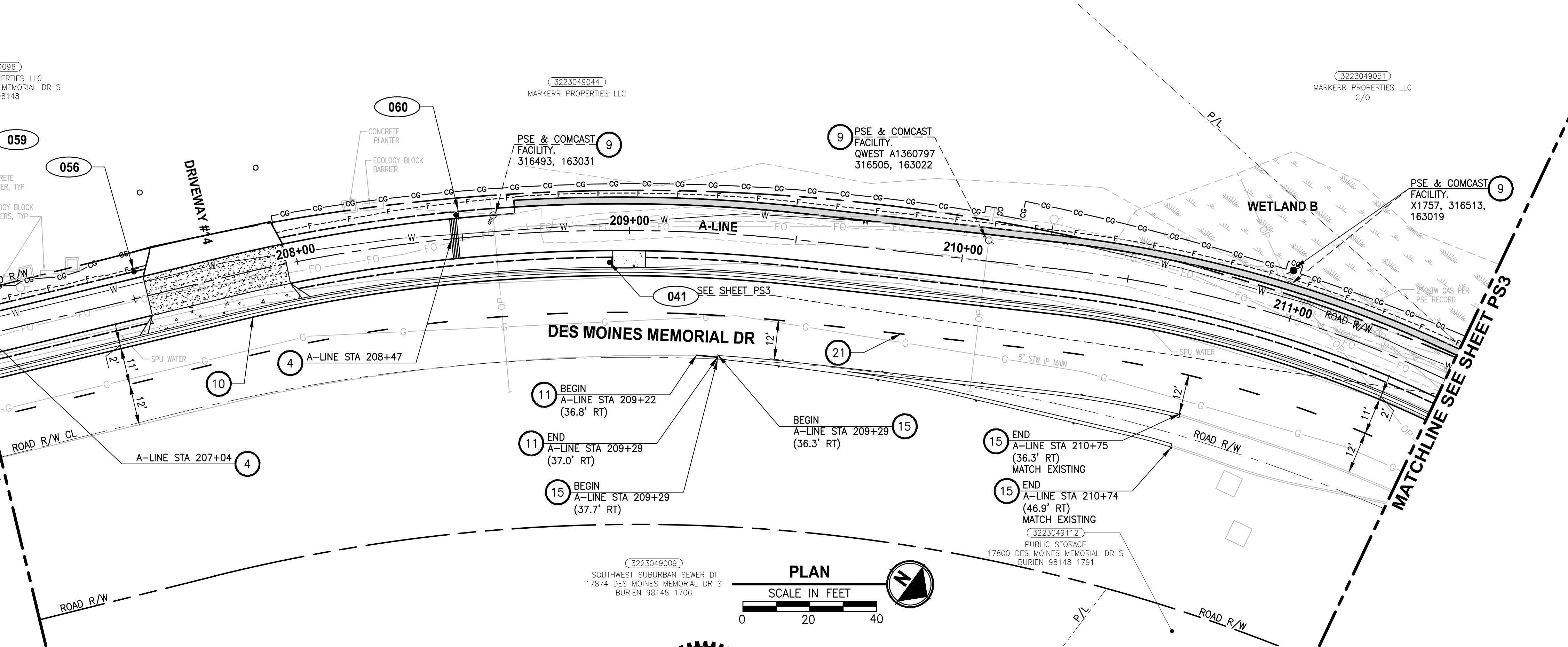
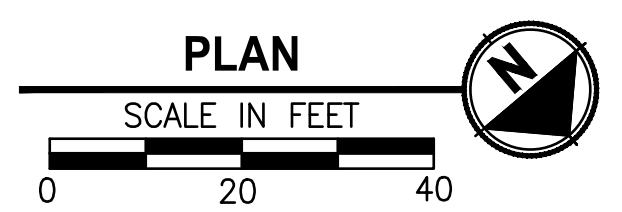
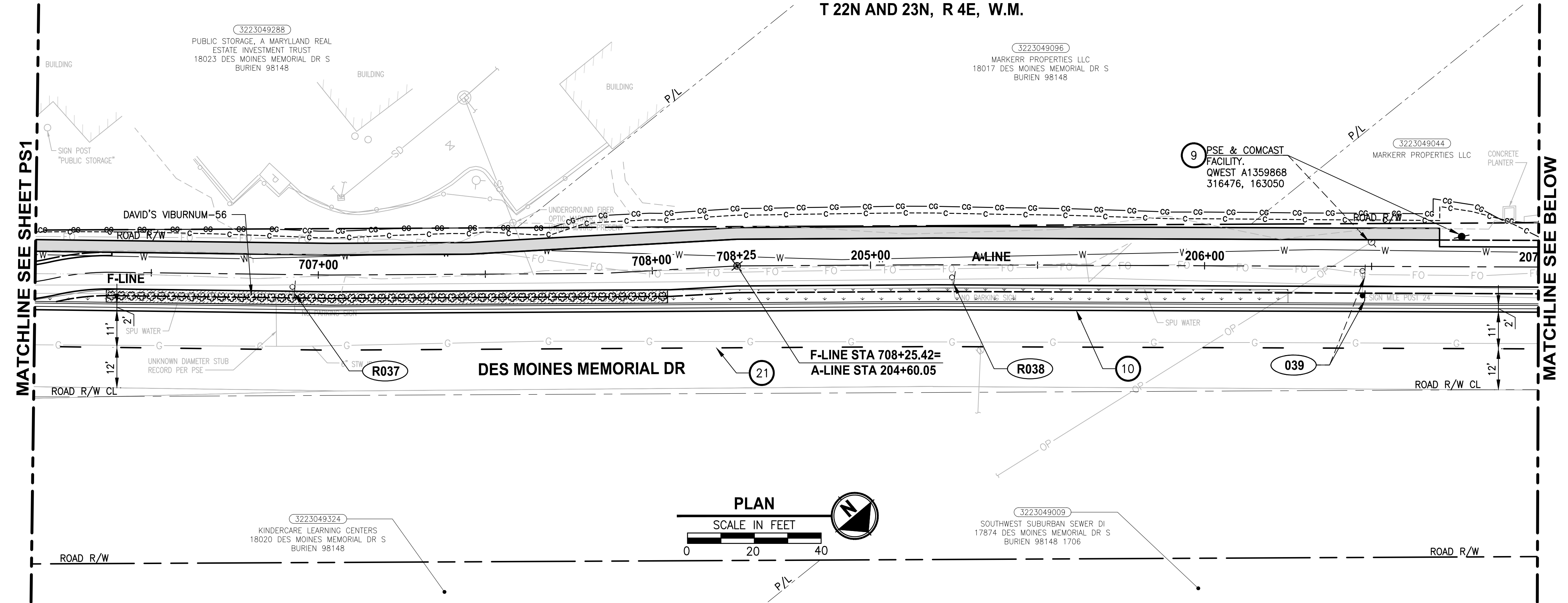
PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

PAVEMENT MARKING/SIGNING/ LANDSCAPE/ILLUMINATION PLAN

SHEET NO.
 31 OF 45
PS1

LAYOUT: PS2
 PATH: \\parametrix.com\pmx\PS2\Projects\Clients\1521-151 L2ST-Seq\995\cadd\Phase 2C\Task 21200C\DWG-Burien
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T 22N AND 23N, R 4E, W.M.



PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

- 1 INSTALL BOLLARD STRIPING. SEE DETAIL (1 MDT) (1 MD4)
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LEGEND:

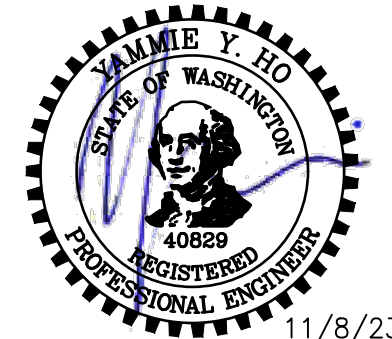
- (XXX) SIGN, SEE SHEET PS4 FOR SIGN SCHEDULE.
- (RXXX) REMOVE EXISTING SIGN, SEE PS4 FOR SIGN INFORMATION.
- [Symbol] SEEDING AND MULCHING
- [Symbol] BARK MULCH
- [Symbol] DAVID'S VIBURNUM

GENERAL NOTE:

1. COMCAST UNDERGROUND FACILITY FROM ~STA 147+00 TO STA 165+50.

| NO. | REVISIONS | DATE | BY | DESIGNED |
|-----|-----------|------|----|-------------|
| | | | | Y. HO |
| | | | | B. PURGANAN |
| | | | | J. DVORAK |
| | | | | J. BAILEY |

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 FILE NAME: PS1521151P2CT2T2PS-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023

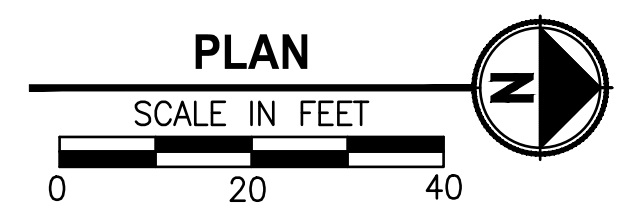
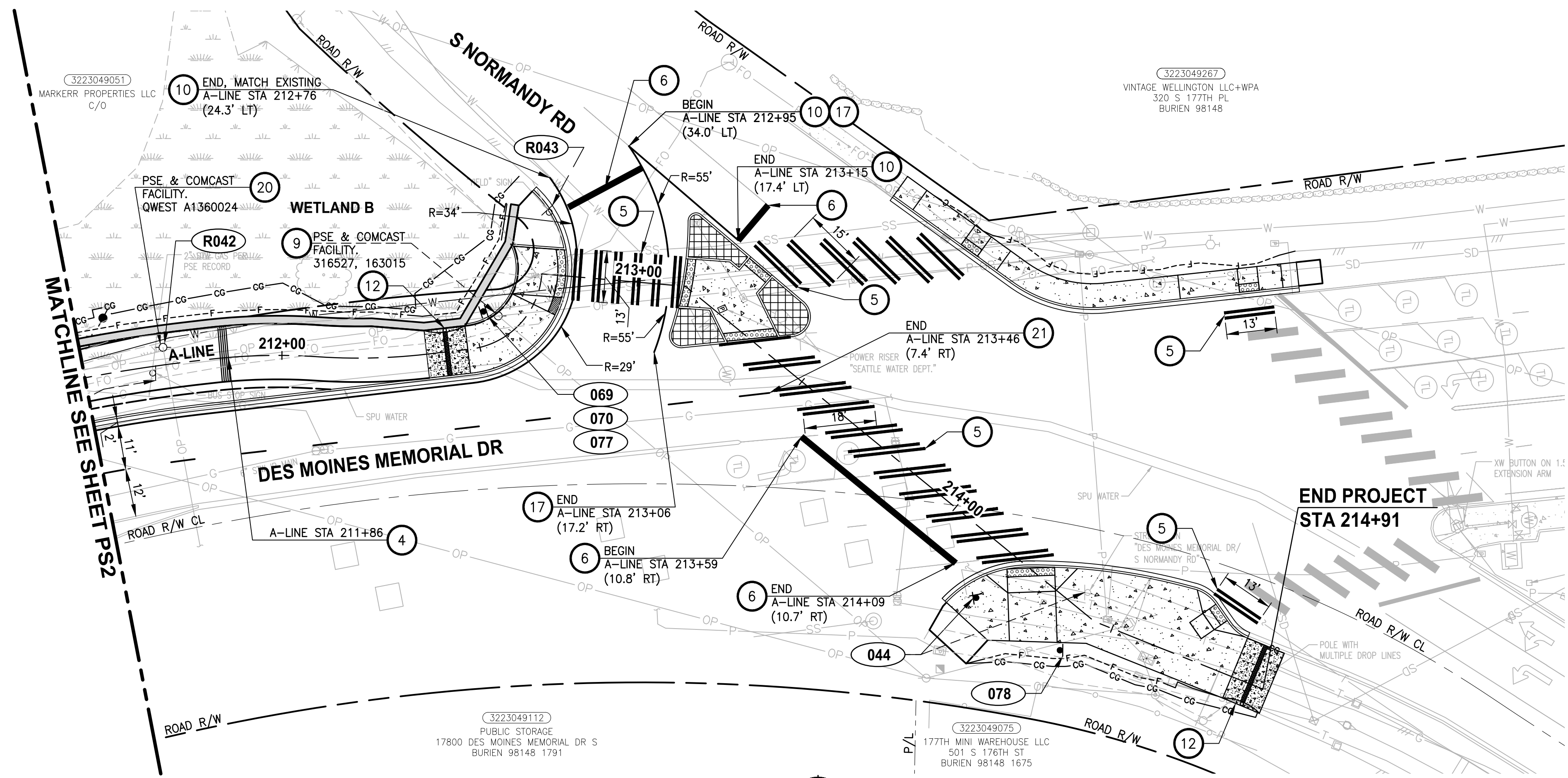


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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

PAVEMENT MARKING/SIGNING/ LANDSCAPE/ILLUMINATION PLAN




SHEET NO.
 32 OF 45
PS2



PAVEMENT MARKING AND SIGNING CONSTRUCTION NOTES:

- 1 INSTALL BOLLARD STRIPING. SEE DETAIL 1 1 (MD1, MD4)
- 2 INSTALL TOP-LOCKING REMOVABLE BOLLARD. SEE DETAILS ON SHEETS MD1 AND MD2.
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- 8 RELOCATE EXISTING LIGHT POLE, BY OTHERS.
- 9 RELOCATE OR REMOVE EXISTING WOOD LIGHT/UTILITY POLE, BY OTHERS.
- 10 INSTALL WHITE THERMOPLASTIC EDGE LINE, PER WSDOT STD PLAN M-20.10-02.
- 11 INSTALL DOUBLE YELLOW CENTER LINE, PER WSDOT STD PLAN M-20.10-02.
- 12 INSTALL MEMORIAL MARKERS PER DETAIL 1 (CS2)
- 13 INSTALL MARKING SCULPTURE, BY OTHERS.
- 14 REMOVE EXISTING LIGHT POLE.
- 15 RAISED PAVEMENT MARKERS TYPE 2YY, PER WSDOT STD PLAN M-20.50-02.
- 16 RELOCATE/INSTALL TYPE 1 JUNCTION BOX FOR ADJACENT LIGHT POLE, BY OTHERS.
- 17 INSTALL YELLOW THERMOPLASTIC EDGE LINE, PER WSDOT STD. PLAN M-20.10-02.
- 18 INSTALL TEMPORARY PROJECT SIGN. SEE APPENDIX B IN SPECS FOR DETAILS. SIGN WILL BE PROVIDED BY THE COUNTY. EXACT LOCATION OF THE SIGN SHALL BE VERIFIED WITH THE COUNTY PRIOR TO INSTALLATION.
- 19 NOT USED.
- 20 REMOVE EXISTING UTILITY POLE, BY OTHERS.
- 21 RESTORE TYPE 1W & TYPE 2W RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02 TO MATCH EXISTING CHANNELIZATION.
- 22 REMOVE EXISTING LIGHT POLE, BY OTHERS.
- 23 NOT USED.
- 24 INSTALL PLASTIC TRAFFIC ARROW, PER WSDOT STD PLAN M-24.40-02.

LEGEND:

- XXX SIGN, SEE SHEET PS4 FOR SIGN SCHEDULE.
- RXXX REMOVE EXISTING SIGN, SEE PS4 FOR SIGN INFORMATION.
-  SEEDING AND MULCHING
-  BARK MULCH
-  DAVID'S VIBURNUM

GENERAL NOTE:

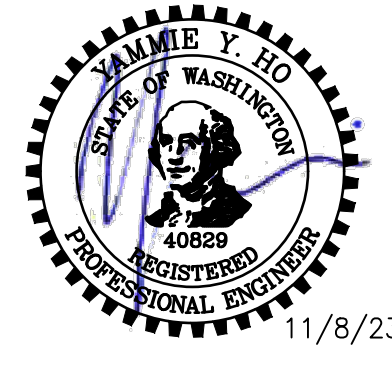
1. COMCAST UNDERGROUND FACILITY FROM ~STA 147+00 TO STA 165+50.

LAYOUT: PS3 PATH: \\parametrix.com\pmx\PS3\Projects\Clients\1521-151-L2ST-Seq\995\ca\ADD\Phase 2C\Task 21200C\DWG-Burien DATE: purgobut DATE: Wednesday, November 8, 2023 12:08:51 PM PLOTTED BY: purgobut

| NO. | REVISIONS | DATE | BY | DESIGNED |
|-----|-----------|------|----|-------------|
| | | | | Y. HO |
| | | | | B. PURGANAN |
| | | | | J. DVORAK |
| | | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2CT2T2PS-01
 JOB No.: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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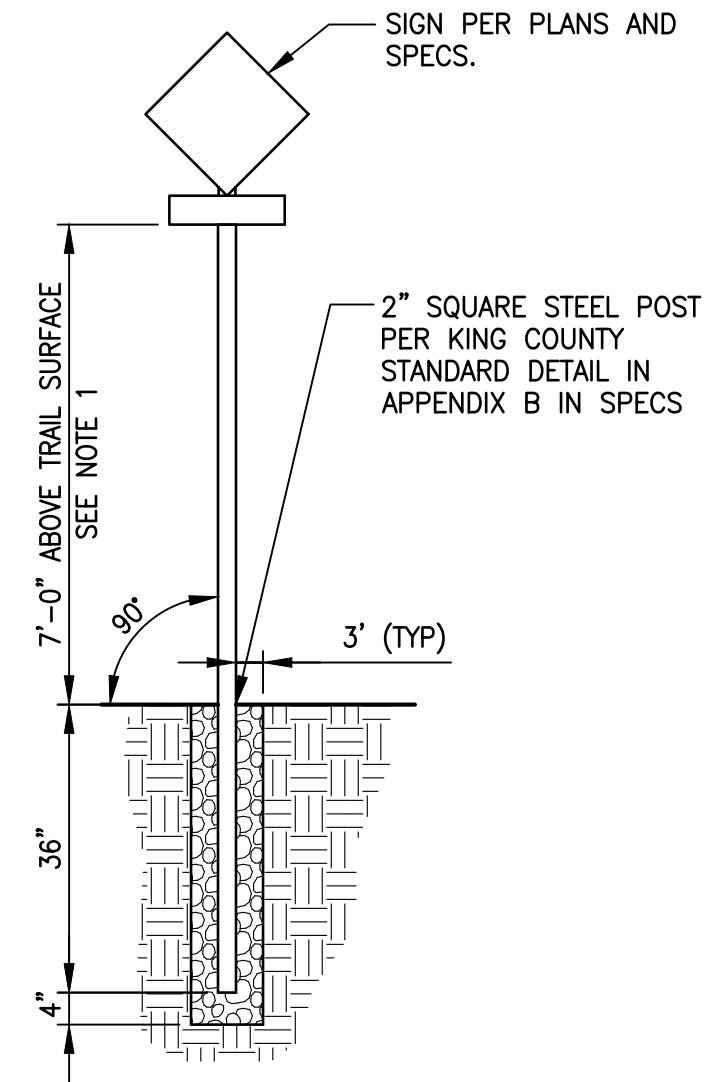
PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIED
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

PAVEMENT MARKING/SIGNING/ LANDSCAPE/ILLUMINATION PLAN

SHEET NO.
 33 OF 45
PS3

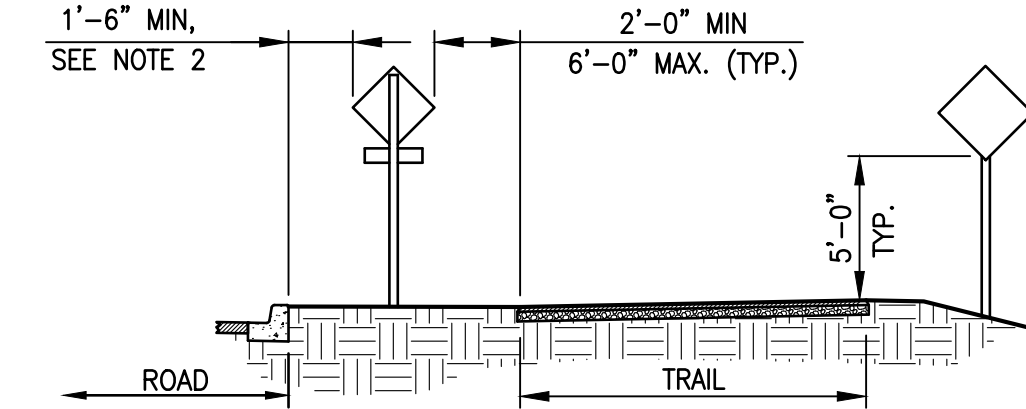
SIGN SCHEDULE

| SIGN # | LOCATION | | | DESCRIPTION | MUTCD SIGN | SIGN SIZE | POST SIZE/TYPE | REMARK |
|--------|----------|---------|----------|--------------------------------------|-------------|-----------|-----------------|--|
| | LINE | STATION | OFFSET | | | | | |
| 032 | F-LINE | 700+75 | 7.3' LT | INTERSECTION WARNING | W2-1 | 18" X 18" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 033 | | | | NOT USED | | | | |
| R034 | F-LINE | 702+94 | 2.1' RT | "NO PARKING IN WALKWAY" | N/A | N/A | N/A | REMOVE SIGN AND POST |
| 035 | F-LINE | 704+69 | 8.0' RT | BUS STOP | N/A | N/A | N/A | SIGN AND POST TO BE RELOCATED BY KING COUNTY METRO |
| R036 | F-LINE | 704+93 | 1.4' RT | "NO PARKING IN WALKWAY" | N/A | N/A | N/A | REMOVE SIGN AND POST |
| R037 | F-LINE | 706+92 | 3.7' RT | "NO PARKING IN WALKWAY" | N/A | N/A | N/A | REMOVE SIGN AND POST |
| R038 | A-LINE | 205+24 | 3.8' RT | "NO PARKING IN WALKWAY" | N/A | N/A | N/A | REMOVE SIGN AND POST |
| 039 | A-LINE | 206+47 | 8.8' RT | MILE POST "24" | D10-2 | 10" X 27" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 041 | A-LINE | 208+94 | 9.5' RT | BUS STOP | N/A | N/A | N/A | SIGN AND POST TO BE RELOCATED BY KING COUNTY METRO |
| R042 | A-LINE | 211+71 | 4.4' LT | "NO PARKING IN WALKWAY" | N/A | N/A | N/A | REMOVE SIGN FROM POWER POLE |
| R043 | A-LINE | 212+76 | 15.6' LT | YIELD | N/A | N/A | N/A | REMOVE SIGN AND POST |
| 044 | A-LINE | 214+18 | 14.3' RT | STREET SIGNS | N/A | N/A | 2" SQUARE STEEL | 6 STREET SIGNS. RELOCATE EX SIGNS TO NEW POST |
| 053 | A-LINE | 196+03 | 5.5' LT | STOP SIGN | R1-1 | 30" X 30" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 054 | F-LINE | 703+91 | 7.6' LT | YIELD | R1-2 | 24" X 24" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 055 | F-LINE | 705+46 | 14.0' LT | STOP SIGN | R1-1 | 30" X 30" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 056 | A-LINE | 207+52 | 8.0' LT | YIELD | R1-2 | 24" X 24" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 059 | A-LINE | 207+02 | 7.0' LT | INTERSECTION WARNING | W2-1 | 18" X 18" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 060 | A-LINE | 208+49 | 7.0' LT | INTERSECTION WARNING | W2-1 | 18" X 18" | 2" SQUARE STEEL | NEW SIGN AND POST |
| 069 | A-LINE | 212+55 | 8.2' LT | "SEATAC" "DES MOINES CREEK TRAIL" | D1-2C | 36" X 12" | 2" SQUARE STEEL | NEW POST BY CONTRACTOR, NEW SIGN PROVIDED BY OWNER |
| 070 | A-LINE | 212+55 | 8.2' LT | "LAKE TO SOUND TRAIL" | CUSTOM SIGN | 12" X 18" | 2" SQUARE STEEL | NEW POST BY CONTRACTOR, NEW SIGN PROVIDED BY OWNER |
| 077 | A-LINE | 212+55 | 8.2' LT | "USE PED SIGNAL" | R9-5 | 12" X 18" | 2" SQUARE STEEL | NEW SIGN AND POST. ON SAME POST AS SIGNS 069 AND 070 |
| 078 | A-LINE | 214+43 | 11.1' RT | "USE PED SIGNAL" | R9-5 | 12" X 18" | 2" SQUARE STEEL | NEW SIGN AND POST |



NOTES:

- USE 7' MOUNTING HEIGHT FOR SIGNS ALONG ROADWAYS UNLESS OTHERWISE NOTED.
- IF SIGN CANNOT MEET ROAD AND TRAIL CLEAR ZONE REQUIREMENTS (SEE SIGN SCHEDULE), CENTER IN PLANTING STRIP.
- STAKE SIGN LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.

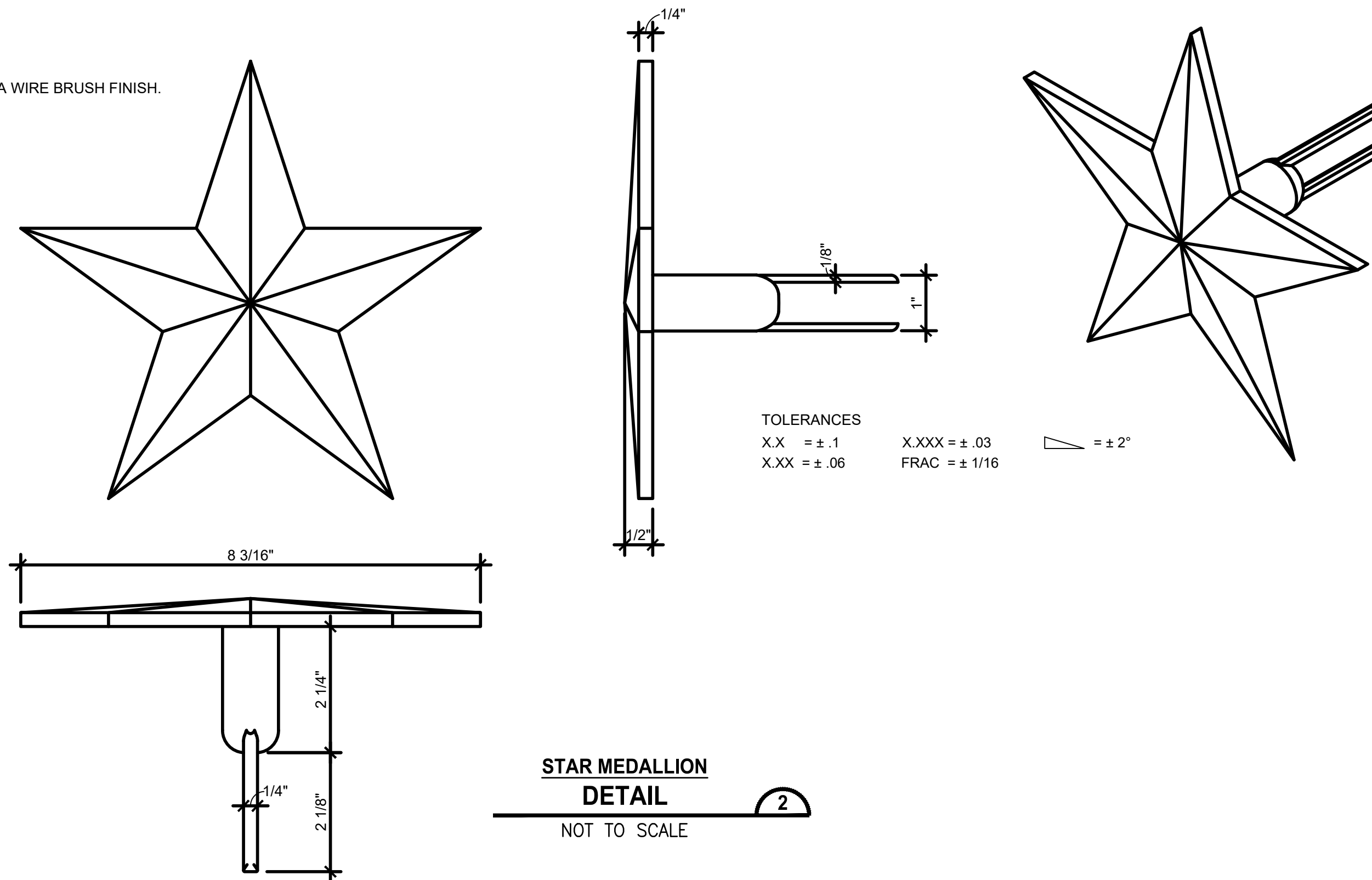


**TRAIL SIGNAGE
DETAIL**

NOT TO SCALE

NOTES:

- MATERIAL IS A CAST BRONZE WITH A WIRE BRUSH FINISH.



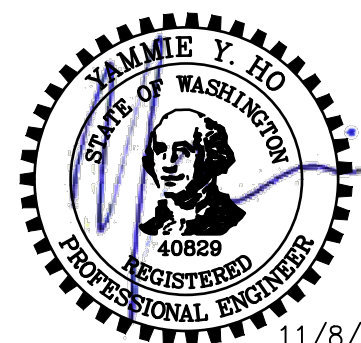
**STAR MEDALLION
DETAIL**

NOT TO SCALE

LAYOUT: PS4
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 PLOTTED BY: purgobut DATE: Wednesday, November 8, 2023 12:08:54 PM

| REVISIONS | DATE | BY | DESIGNED |
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| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

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 FILE NAME
 PS1521151P2CT2T2PS-01
 JOB No.
 554-1521-151 P2C T2T200C
 DATE
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PROJECT NAME
**LAKE TO SOUND TRAIL
SEGMENT C - BURIE**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

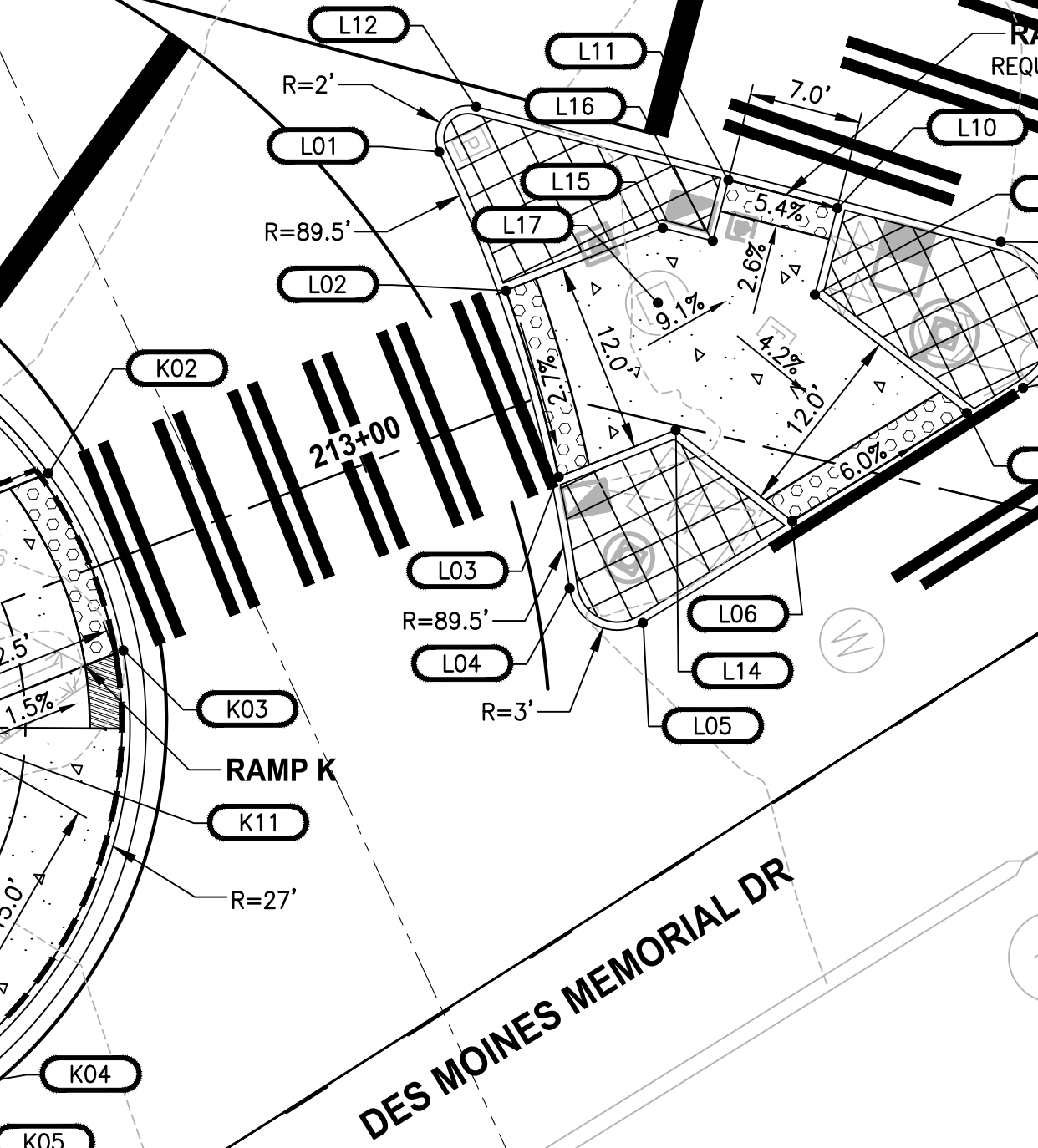
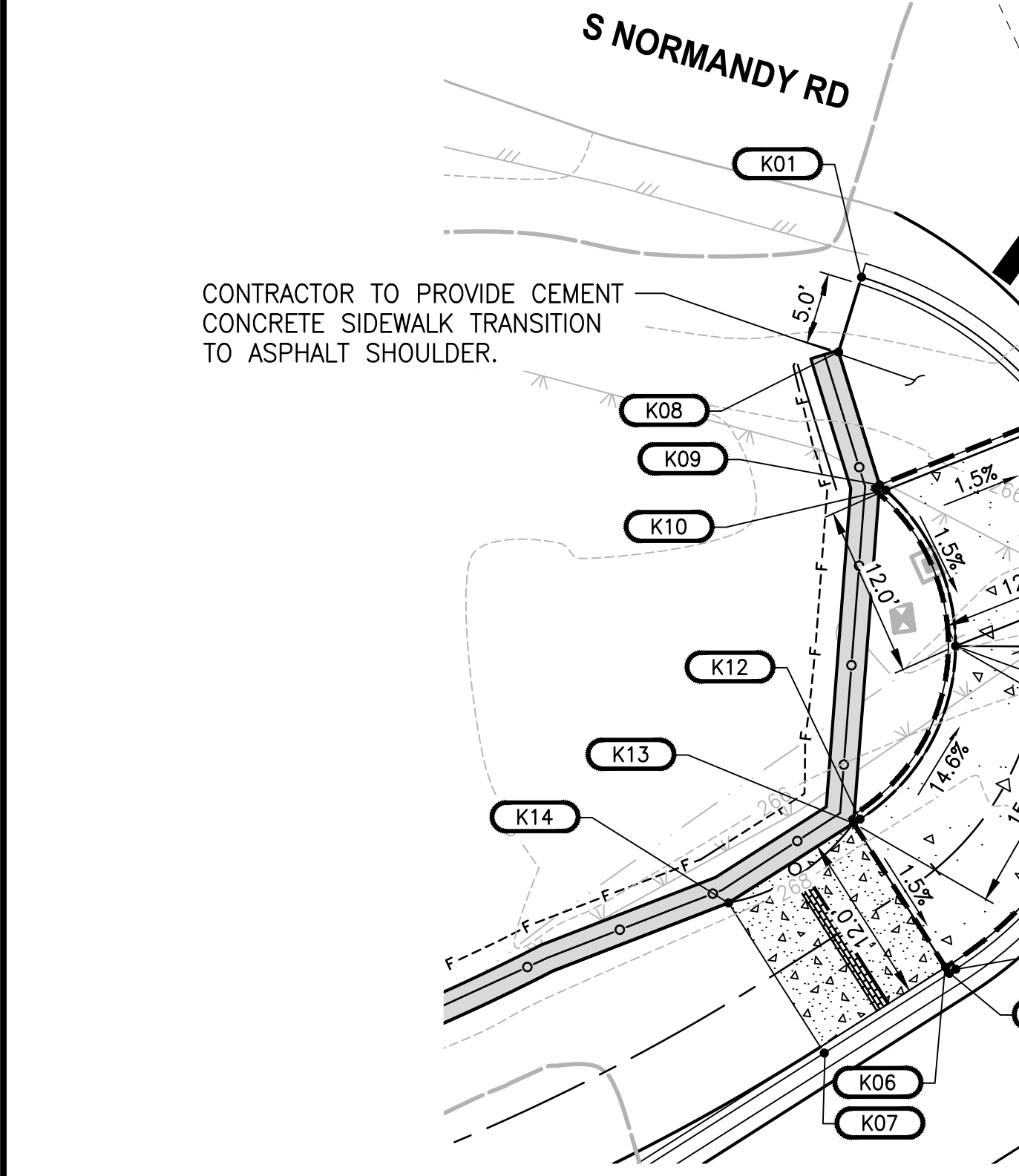
SIGN SCHEDULE

SHEET NO.
 34 OF 45
PS4

LAYOUT: RG1
 PATH: \\parametrix.com\pms\PSO\Projects\Clients\1521-151-L2ST-Seq\99563\CAAD\Phase 2C\Task 21200C\DWG-Burien
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:09:27 PM

| RAMP N | | | | |
|---------|------------------|-----------|-----------|----------------------------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| N01 | A-LINE 213+38.23 | 50.32' LT | 262.74' | FL, MATCH EXISTING |
| N02 | A-LINE 213+44.22 | 50.69' LT | 262.34' | TOP OF RAMP, FL |
| N03 | A-LINE 213+59.19 | 51.60' LT | 261.59' | FRONT OF LANDING, FL |
| N04 | A-LINE 213+64.18 | 51.91' LT | 261.51' | FRONT OF LANDING, FL |
| N05 | A-LINE 213+70.17 | 52.28' LT | 261.39' | TOP OF RAMP, FL |
| N06 | A-LINE 213+75.04 | 52.57' LT | 261.21' | PC, FL |
| N07 | A-LINE 213+97.89 | 63.00' LT | 260.24' | PT, FL |
| N08 | A-LINE 214+10.80 | 76.17' LT | 259.55' | TOP OF RAMP, FL |
| N09 | A-LINE 214+21.30 | 86.88' LT | 258.81' | FRONT OF LANDING, FL |
| N10 | A-LINE 214+24.80 | 90.45' LT | 258.74' | FRONT OF LANDING, FL |
| N11 | A-LINE 214+29.00 | 94.73' LT | 258.60' | TOP OF RAMP, FL |
| N12 | A-LINE 214+61.68 | 97.11' LT | 258.59' | FL, MATCH EXISTING |
| N13 | A-LINE 213+37.83 | 56.81' LT | 263.38' | BACK OF SIDEWALK, MATCH EXISTING |

| RAMP N | | | | |
|---------|------------------|------------|-----------|----------------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| N14 | A-LINE 213+43.82 | 57.18' LT | 262.93' | TOP OF RAMP |
| N15 | A-LINE 213+58.79 | 58.09' LT | 261.68' | BACK OF LANDING |
| N16 | A-LINE 213+63.78 | 58.40' LT | 261.60' | BACK OF LANDING |
| N17 | A-LINE 213+69.77 | 58.76' LT | 261.98' | TOP OF RAMP |
| N18 | A-LINE 213+74.64 | 59.06' LT | 261.80' | BACK OF SIDEWALK, PC |
| N19 | A-LINE 213+93.25 | 67.55' LT | 260.83' | BACK OF SIDEWALK, PT |
| N20 | A-LINE 214+06.16 | 80.72' LT | 260.14' | TOP OF RAMP |
| N21 | A-LINE 214+16.66 | 91.43' LT | 258.90' | BACK OF LANDING |
| N22 | A-LINE 214+20.16 | 95.00' LT | 258.83' | BACK OF LANDING |
| N23 | A-LINE 214+24.36 | 99.28' LT | 259.19' | TOP OF RAMP |
| N24 | A-LINE 214+27.16 | 102.14' LT | 259.18' | BACK OF SIDEWALK |



| RAMP K | | | | |
|---------|------------------|-----------|-----------|-------------------------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| K01 | A-LINE 212+75.85 | 21.26' LT | 269.27' | FL, MATCH EXISTING |
| K02 | A-LINE 212+81.46 | 6.50' LT | 267.23' | FRONT OF LANDING, FL |
| K03 | A-LINE 212+81.87 | 5.48' RT | 267.05' | FRONT OF LANDING, FL |
| K04 | A-LINE 212+47.42 | 6.53' RT | 268.66' | RAMP, PT, FL |
| K05 | A-LINE 212+46.89 | 6.53' RT | 268.68' | TOP OF RAMP, FL |
| K06 | A-LINE 212+46.89 | 6.03' RT | 269.18' | TOP OF RAMP, BACK OF CURB |
| K07 | A-LINE 212+36.48 | 6.53' RT | 269.24' | FL |
| K08 | A-LINE 212+75.85 | 18.09' LT | 269.19' | BACK OF SIDEWALK |
| K09 | A-LINE 212+75.85 | 10.45' LT | 267.92' | BACK OF SIDEWALK, TOP OF CURB |
| K10 | A-LINE 212+75.85 | 9.92' LT | 267.42' | BACK OF LANDING |
| K11 | A-LINE 212+67.85 | 5.99' LT | 267.23' | BACK OF LANDING |
| K12 | A-LINE 212+47.42 | 5.97' LT | 269.29' | RAMP, PT |
| K13 | A-LINE 212+46.89 | 5.97' LT | 269.36' | TOP OF RAMP |
| K14 | A-LINE 212+36.48 | 5.97' LT | 269.92' | BACK OF SIDEWALK |

| RAMP L | | | | |
|---------|------------------|-----------|-----------|------------------------|
| POINT # | STATION | OFFSET | ELEVATION | DESCRIPTION |
| L01 | A-LINE 213+11.37 | 16.51' LT | 266.51' | PT, FL, MATCH EXISTING |
| L02 | A-LINE 213+12.16 | 6.93' LT | 266.39' | RAMP, MATCH EXISTING |
| L03 | A-LINE 213+14.14 | 4.82' RT | 266.06' | RAMP, MATCH EXISTING |
| L04 | A-LINE 213+16.42 | 11.41' RT | 266.09' | PC, FL, MATCH EXISTING |
| L05 | A-LINE 213+21.35 | 12.45' RT | 265.87' | PT, FL, MATCH EXISTING |
| L06 | A-LINE 213+28.94 | 4.11' RT | 265.32' | RAMP, MATCH EXISTING |
| L07 | A-LINE 213+37.96 | 4.97' LT | 264.54' | RAMP, MATCH EXISTING |
| L08 | A-LINE 213+40.99 | 7.31' LT | 264.26' | PC, FL, MATCH EXISTING |
| L09 | A-LINE 213+37.54 | 15.83' LT | 264.02' | PT, FL, MATCH EXISTING |
| L10 | A-LINE 213+27.13 | 15.52' LT | 264.65' | RAMP, MATCH EXISTING |
| L11 | A-LINE 213+20.13 | 15.64' LT | 265.03' | RAMP, MATCH EXISTING |
| L12 | A-LINE 213+12.18 | 18.45' LT | 266.37' | PC, FL, MATCH EXISTING |
| L13 | A-LINE 213+27.03 | 9.95' LT | 264.70' | ANGLE POINT, FL |
| L14 | A-LINE 213+20.55 | 0.29' RT | 265.72' | ANGLE POINT, FL |
| L15 | A-LINE 213+16.84 | 11.78' LT | 265.60' | ANGLE POINT, FL |
| L16 | A-LINE 213+20.06 | 11.72' LT | 265.32' | ANGLE POINT, FL |
| L17 | A-LINE 213+17.64 | 7.17' LT | 265.69' | MH #1 RIM |

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | J. JUN |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

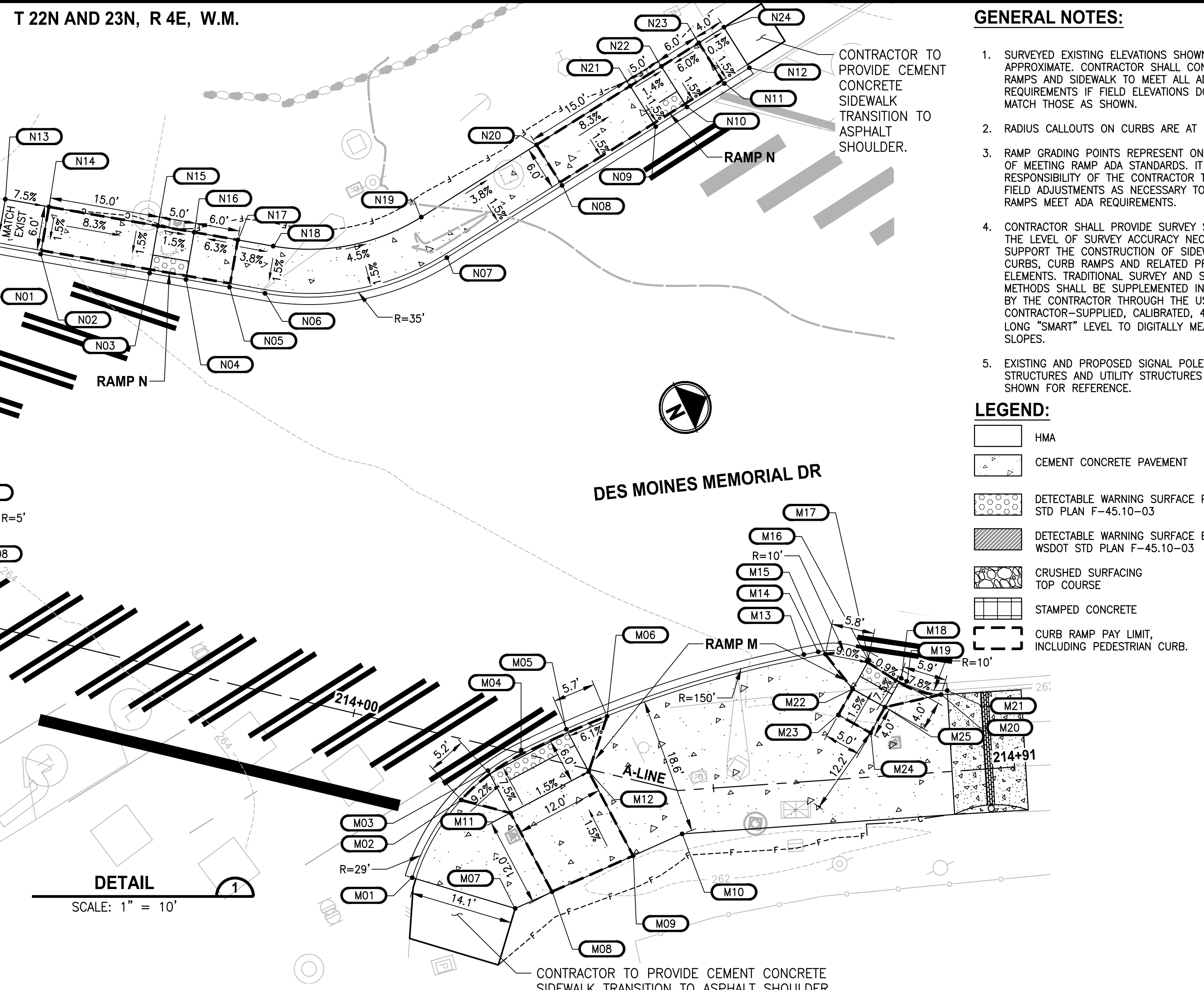
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 JOB No.: 554-1521-151 P2C T2T200C
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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIED
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

RAMP GRADING DETAILS
 SHEET NO. 35 OF 45
RG1

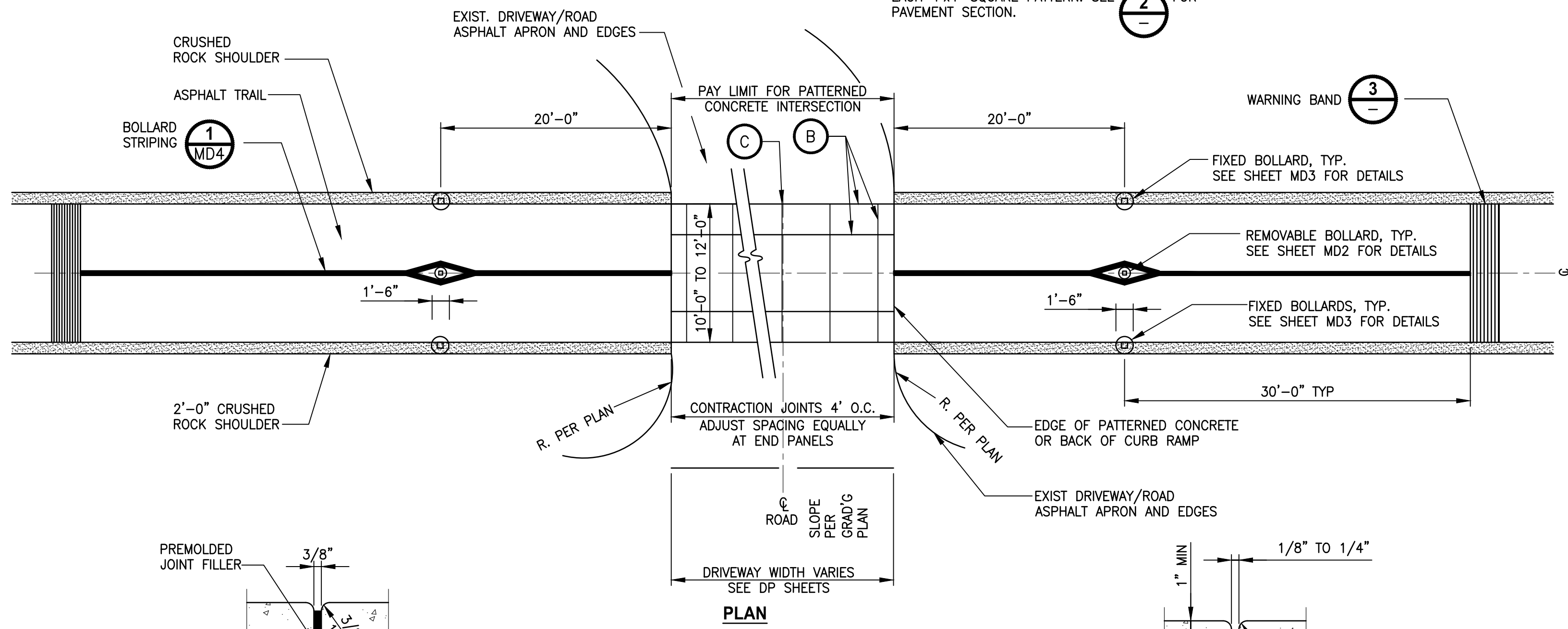


- GENERAL NOTES:**
- SURVEYED EXISTING ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL CONSTRUCT RAMP AND SIDEWALK TO MEET ALL ADA SLOPE REQUIREMENTS IF FIELD ELEVATIONS DO NOT MATCH THOSE AS SHOWN.
 - RADIUS CALLOUTS ON CURBS ARE AT FLOWLINE.
 - RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING RAMP ADA STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMP MEET ADA REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE SURVEY STAKING TO THE LEVEL OF SURVEY ACCURACY NECESSARY TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS AND RELATED PROJECT ELEMENTS. TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR-SUPPLIED, CALIBRATED, 4-FOOT LONG "SMART" LEVEL TO DIGITALLY MEASURE SLOPES.
 - EXISTING AND PROPOSED SIGNAL POLES, STORM STRUCTURES AND UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.

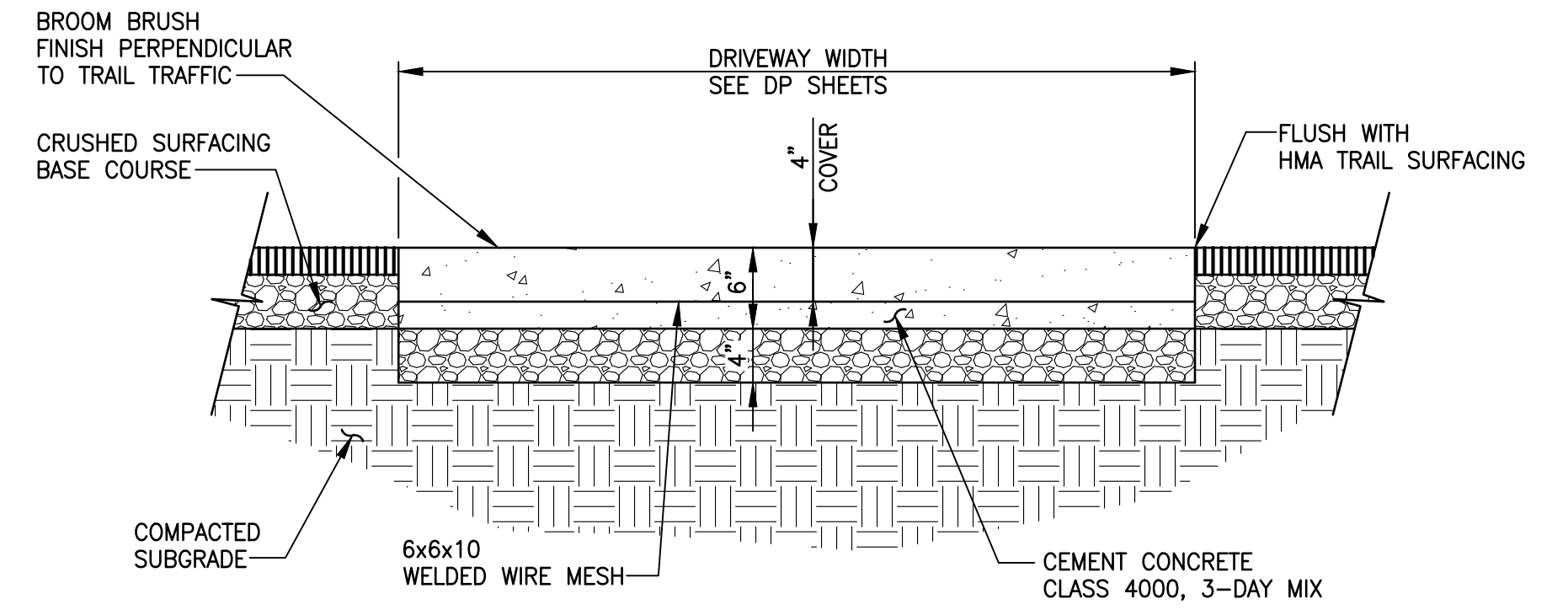
- LEGEND:**
- HMA
 - CEMENT CONCRETE PAVEMENT
 - DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-03
 - DETECTABLE WARNING SURFACE BLACK PER WSDOT STD PLAN F-45.10-03
 - CRUSHED SURFACING TOP COURSE
 - STAMPED CONCRETE
 - CURB RAMP PAY LIMIT, INCLUDING PEDESTRIAN CURB.

T 22N AND 23N, R 4E, W.M.

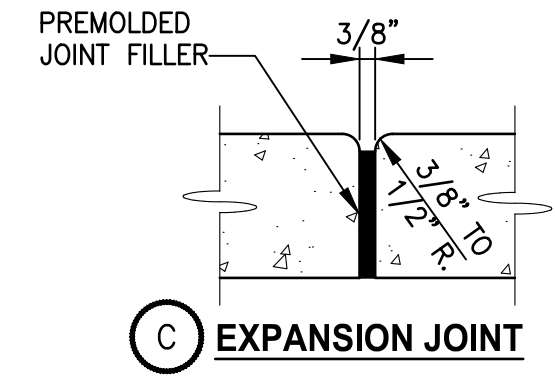
- NOTES:
- EXPANSION JOINT ALONG DRIVEWAY CENTERLINE. 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTHS EXCEED 30'.
 - 4" WIDE SMOOTH TROWELED PERIMETER FOR EACH 4'x4' SQUARE PATTERN. SEE PAVEMENT SECTION.



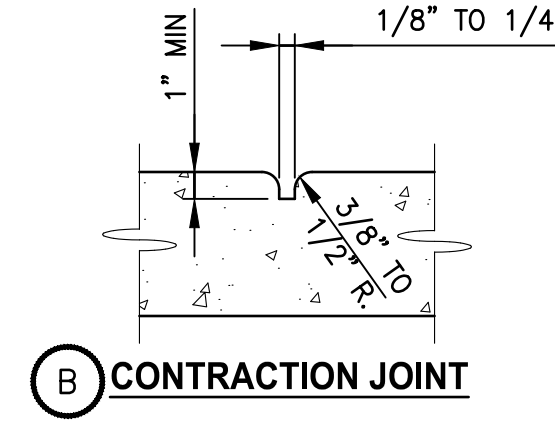
TYPICAL DRIVEWAY CROSSING (AT GRADE) DETAIL 1 NOT TO SCALE



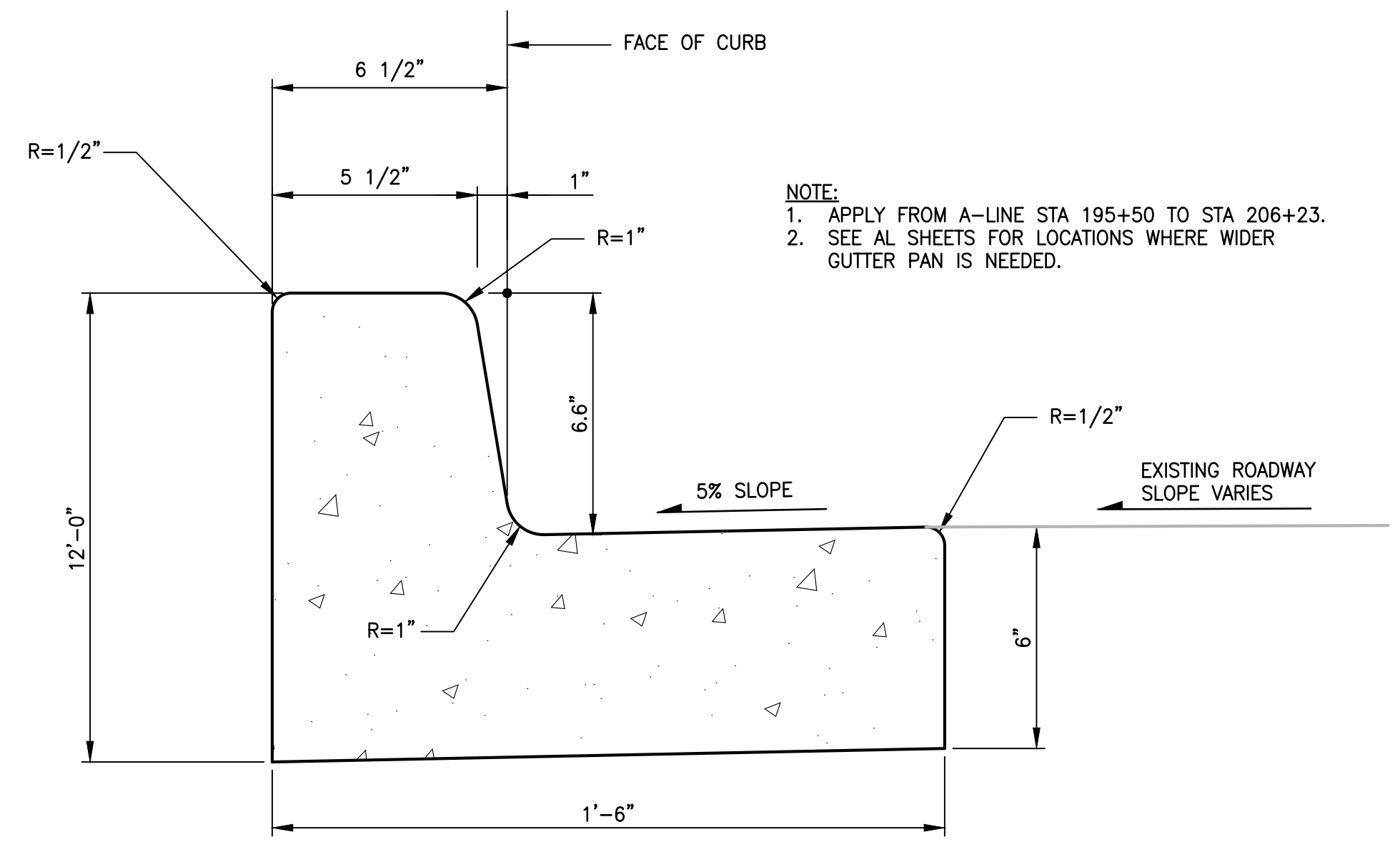
PATTERNED CONCRETE DRIVEWAY SECTION DETAIL 2 NOT TO SCALE



EXPANSION JOINT C

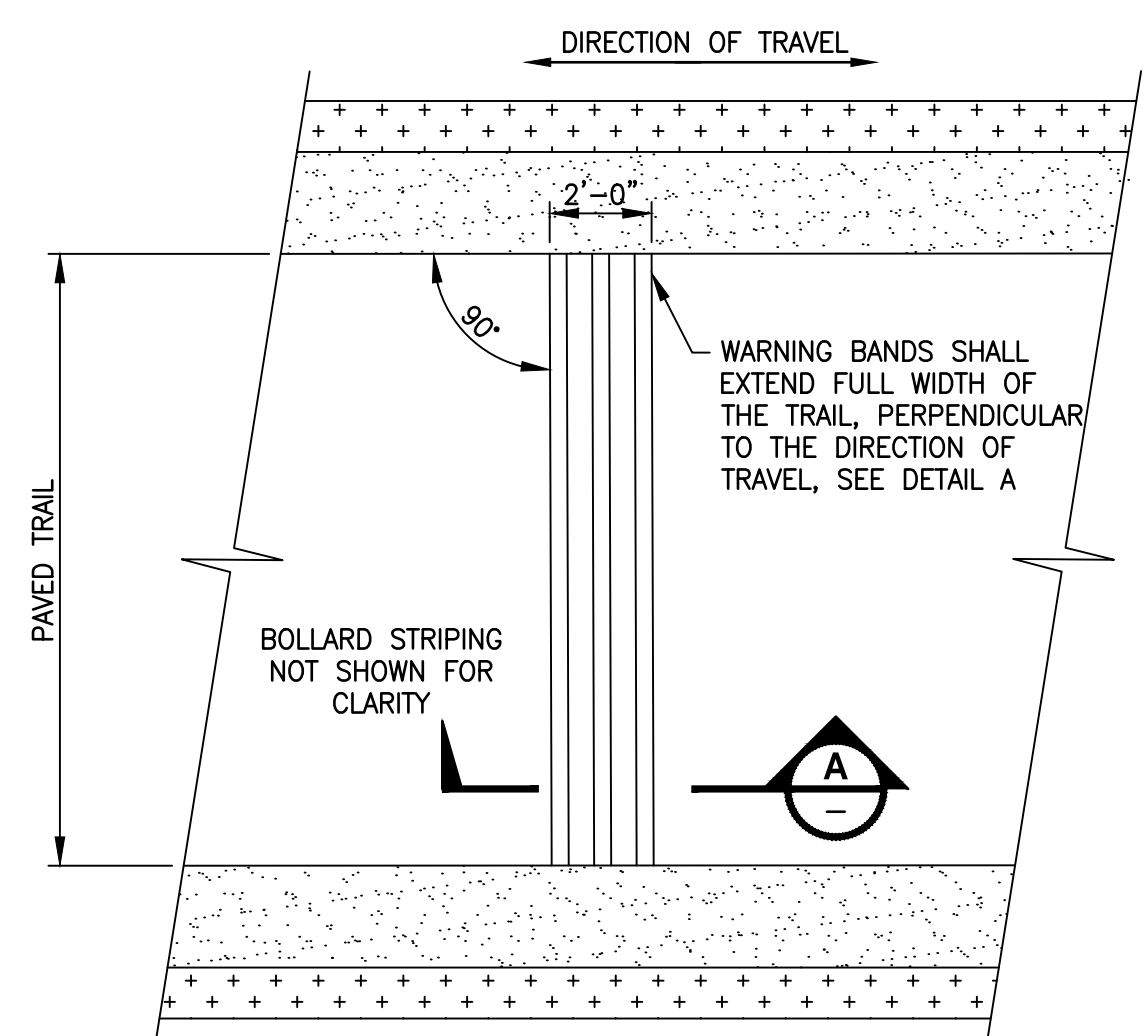


CONTRACTION JOINT B

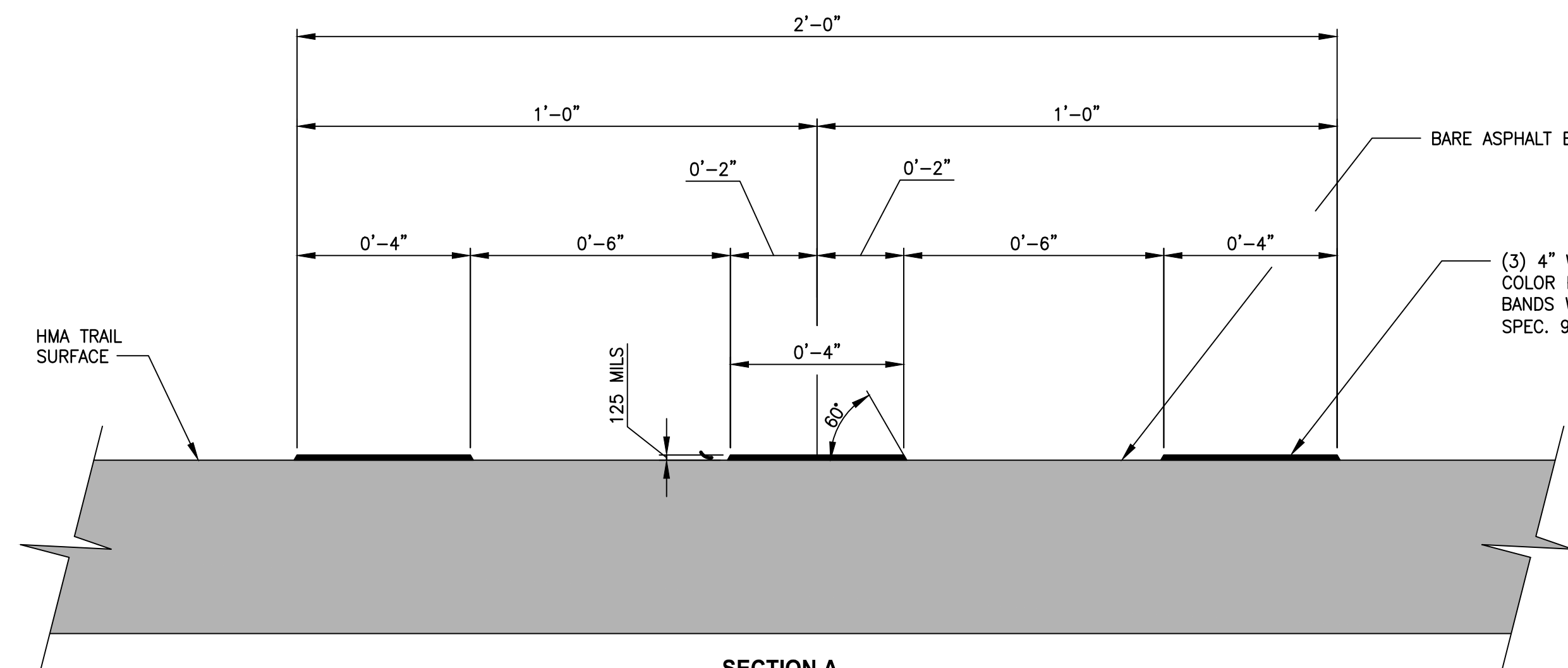


CEMENT CONCRETE TRAFFIC CURB AND GUTTER DETAIL 4 NOT TO SCALE

- NOTE:
- APPLY FROM A-LINE STA 195+50 TO STA 206+23.
 - SEE AL SHEETS FOR LOCATIONS WHERE WIDER GUTTER PAN IS NEEDED.



- NOTES:
- WARNING BANDS SHALL EXTEND FULL WIDTH OF THE PAVED TRAIL.
 - TRAIL PAVEMENT MARKINGS AND CERTAIN DETAILS AND DIMENSIONS ARE OMITTED FROM THESE PLANS FOR CLARITY.
 - INSTALLATION OF PAVEMENT MARKINGS SHALL CONFORM TO WSDOT STD. SPEC. 8-22.
 - ALL PAVEMENT MARKING MATERIAL SHALL MEET THE REQUIREMENTS OF WSDOT STD. SPEC. 9-34.
 - INSTALL WARNING BANDS PER MANUFACTURER'S RECOMMENDATIONS.



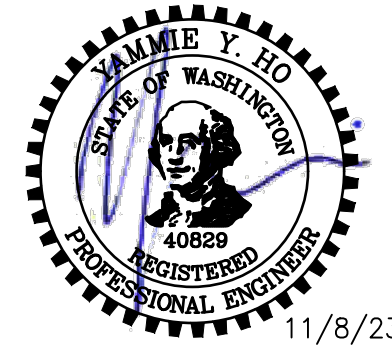
PREFORMED THERMOPLASTIC WARNING BAND DETAIL 3 NOT TO SCALE

PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:09:32 PM
 PATH: \\parametrix.com\pmx\PSO\Projects\Clients\1521-151 L2ST-Seq\995\ca\ADD\Phase 2C\Task 21200C\DWG-Burien\

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| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2CT2T2MD-01
 JOB No: 554-1521-151 P2C T2T200C
 DATE: MAY 2023



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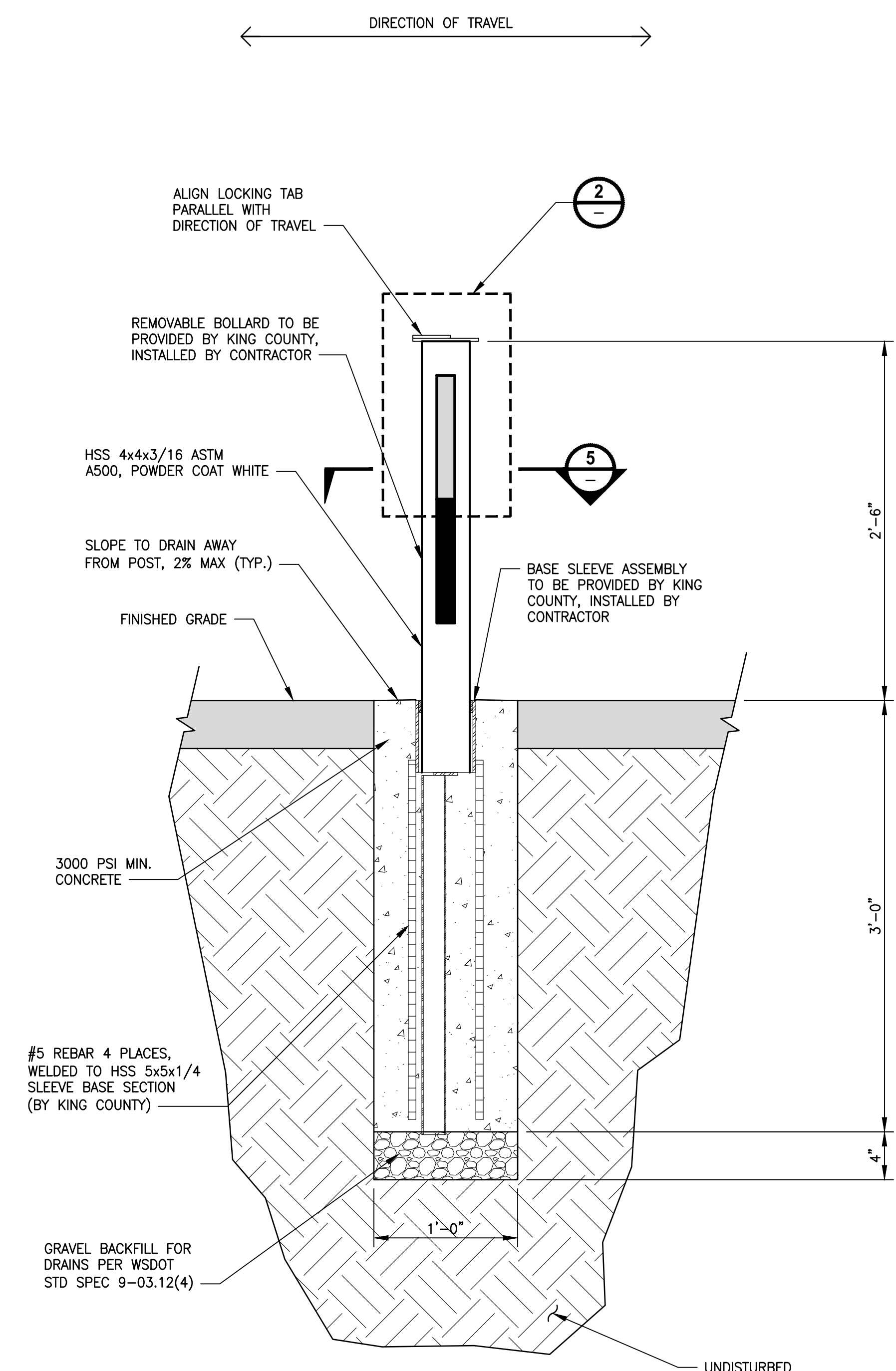
PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIED**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

MISCELLANEOUS DETAILS

SHEET NO.
 36 OF 45

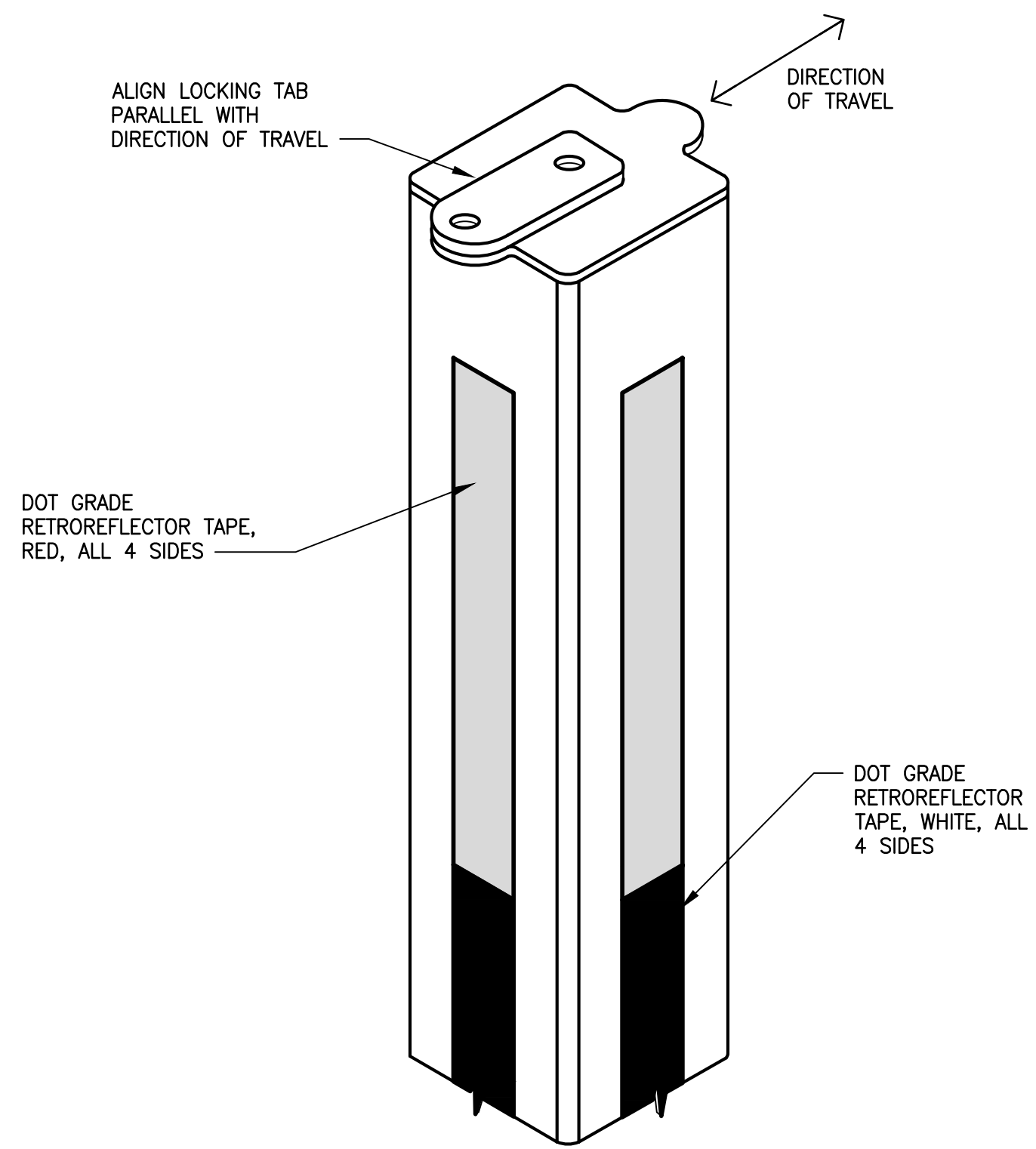
MD1

T 22N AND 23N, R 4E, W.M.

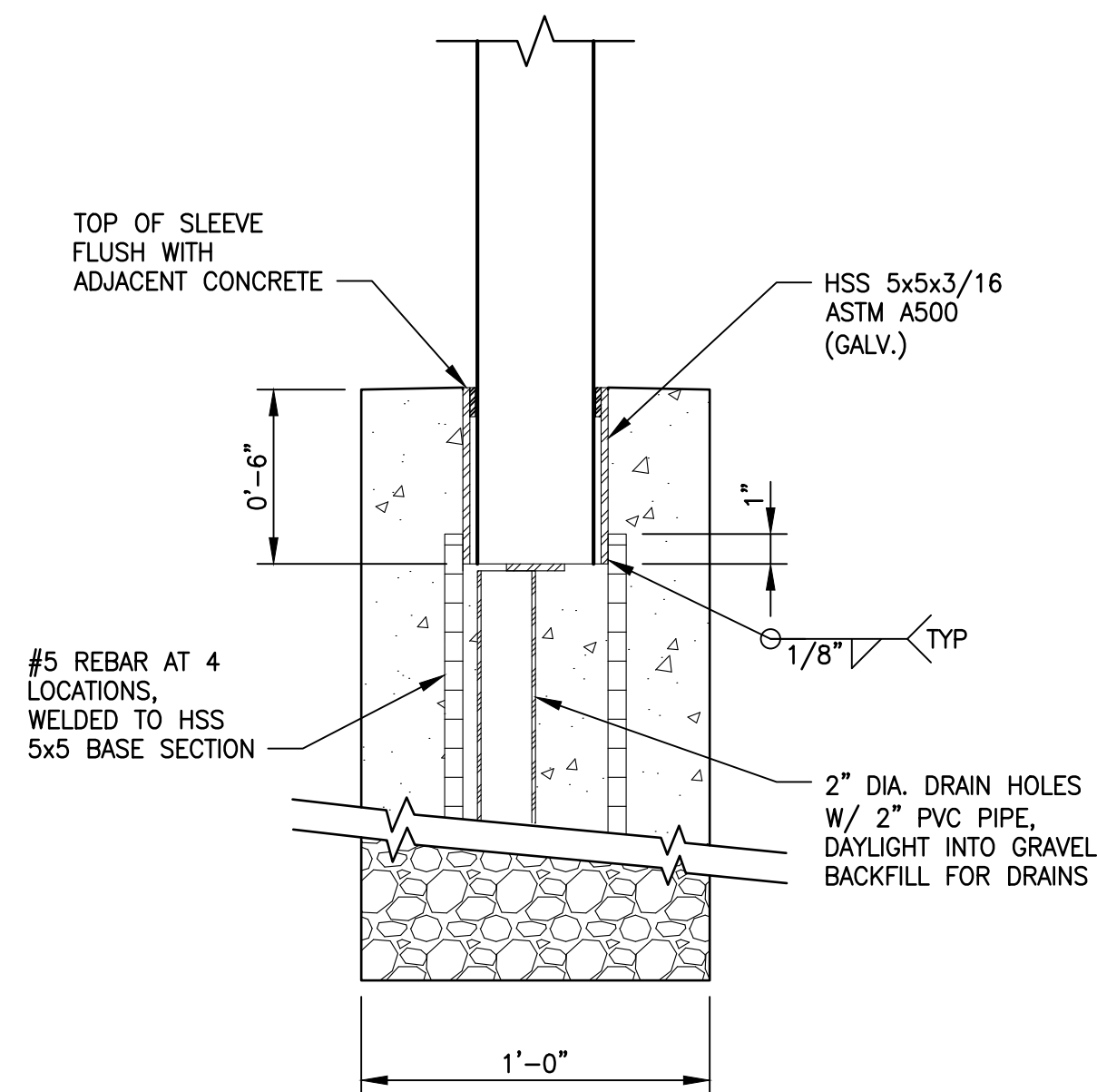


ALLOW ONE WEEK MINIMUM FOR CONCRETE TO CURE PRIOR TO POST INSTALLATION

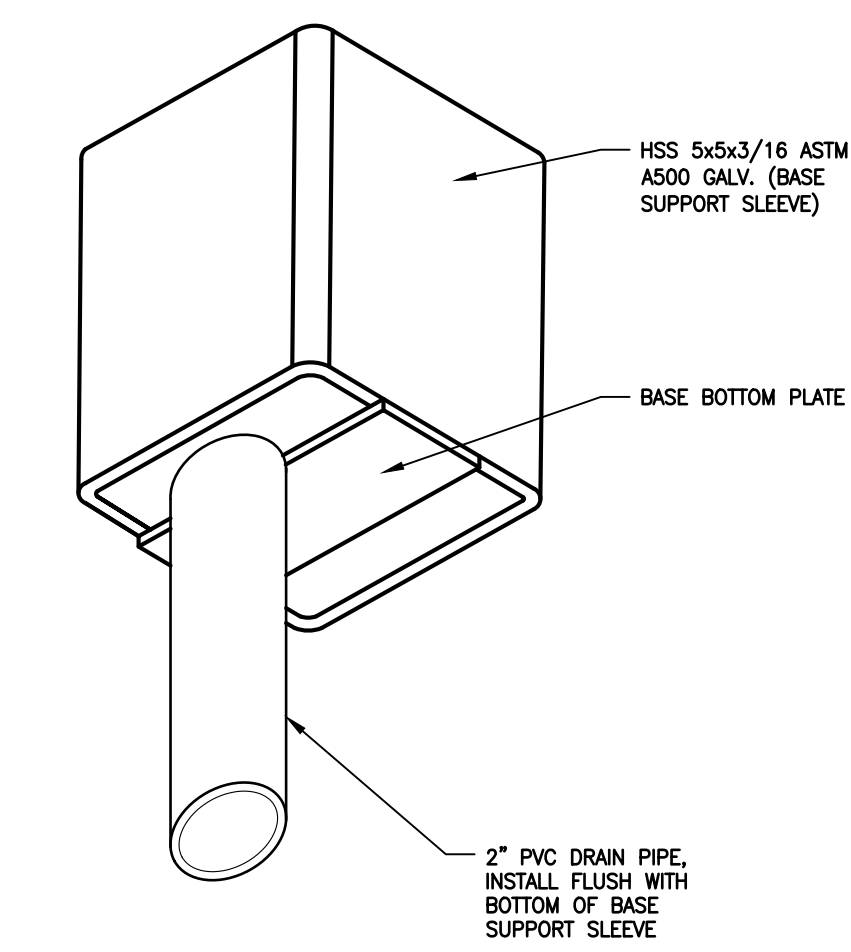
REMOVABLE BOLLARD (ELEVATION) DETAIL
NOT TO SCALE



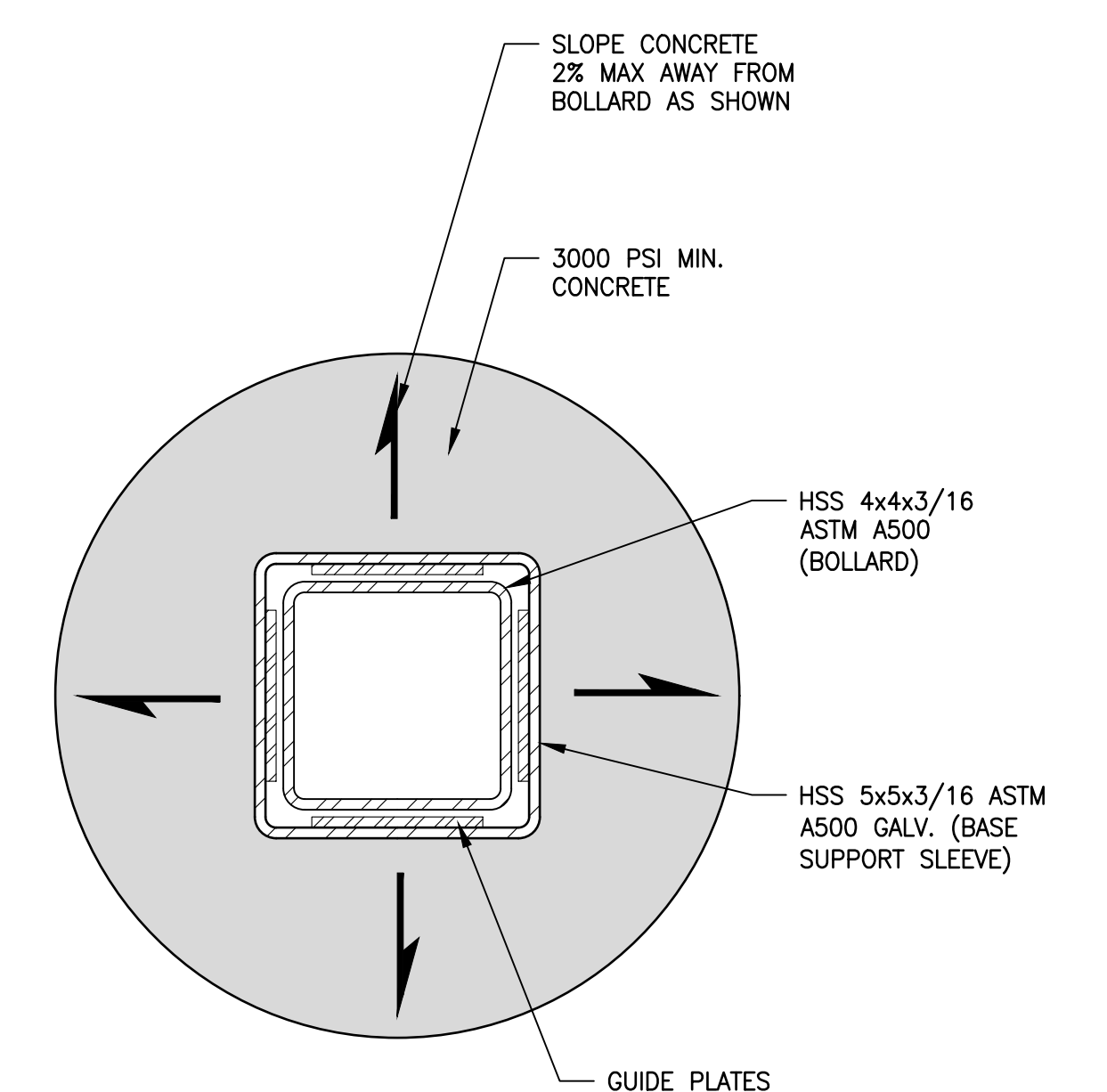
BOLLARD MARKING (ISOMETRIC) DETAIL
NOT TO SCALE



REMOVABLE BOLLARD EMBEDMENT DETAIL
NOT TO SCALE



BOLLARD BASE DRAINS (ISOMETRIC) DETAIL
NOT TO SCALE



REMOVABLE BOLLARD (PLAN) DETAIL
NOT TO SCALE

NOTES:

1. REMOVABLE BOLLARD ASSEMBLY AND BASE SLEEVE ASSEMBLY PARTS ARE DESIGNED, MANUFACTURED AND PROVIDED BY KING COUNTY PARKS OPERATIONS.
2. PVC DRAIN PIPES ARE TO BE PROVIDED BY THE CONTRACTOR. INSTALLATION OF ALL PARTS SHALL BE PERFORMED BY THE CONTRACTOR.
3. GRAVEL BACKFILL FOR DRAINS SHALL CONFORM TO WSDOT STD. SPEC. 9-03.12(4).
4. CONCRETE SHALL ACHIEVE A 28-DAY STRENGTH OF 3000 PSI MINIMUM.
5. ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.4. WLDING SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS QUALIFIED FOR WELDS USING THE APPROVED ELECTRODES.

LAYOUT: MD2
 PATH: \\parametrix.com\pmx\PS0\Projects\Clients\1521-151-L2ST-SegC\995\ca\cadd\Phase 2C\Task 21200C\DWG-Burien\
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:09:34 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | B. PURGANAN |
| | | | J. DVORAK |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: PS1521151P2CT2T2MD-01
 JOB No.: 1521-151 P2C T2T200C
 DATE: MAY 2023



11/8/23

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PROJECT NAME
LAKE TO SOUND TRAIL SEGMENT C - BURIE
 FROM 8TH AVENUE S / DES MOINES MEMORIAL DRIVE INTERSECTION TO S. NORMANDY ROAD / DES MOINES MEMORIAL DRIVE INTERSECTION

MISCELLANEOUS DETAILS

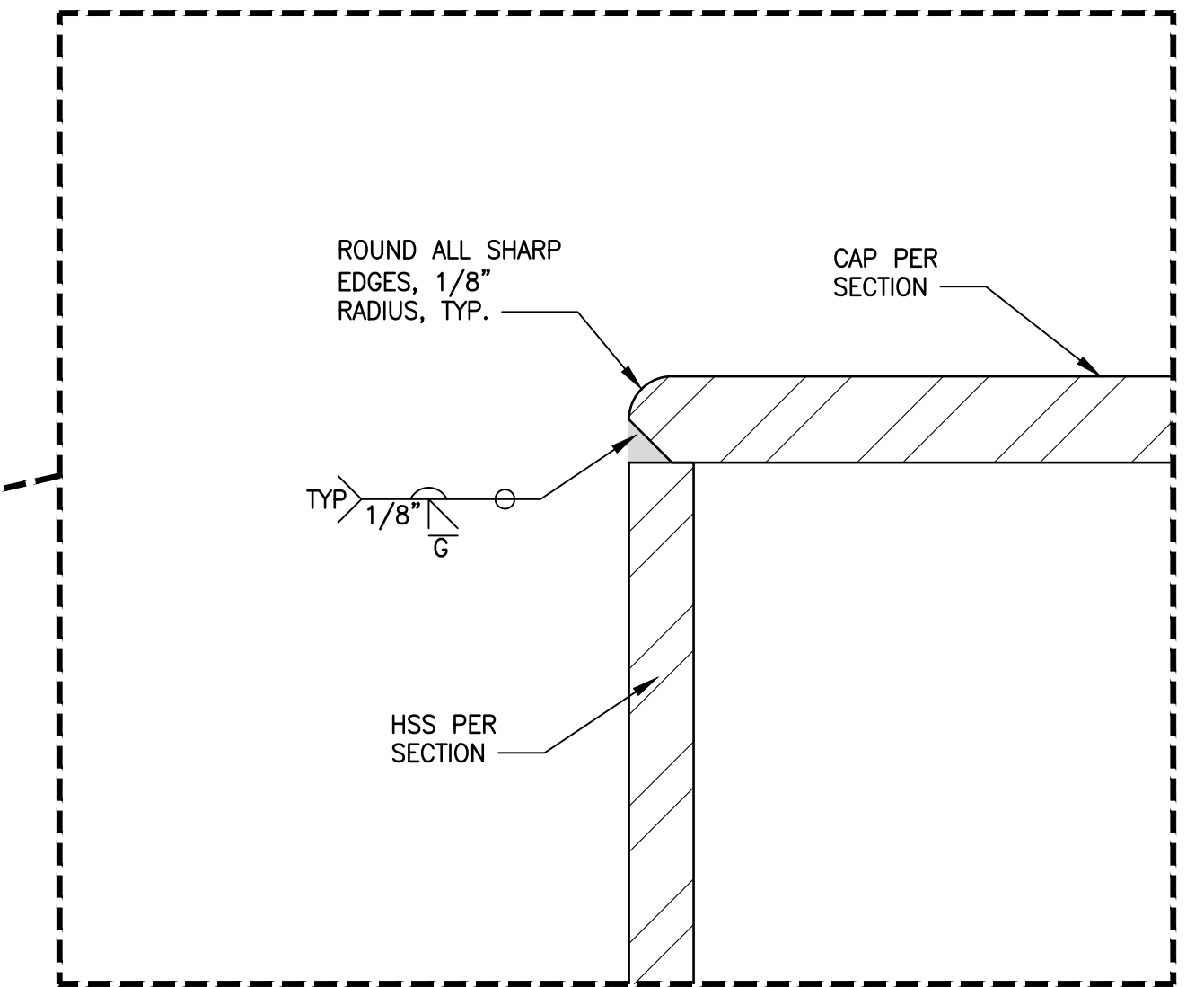
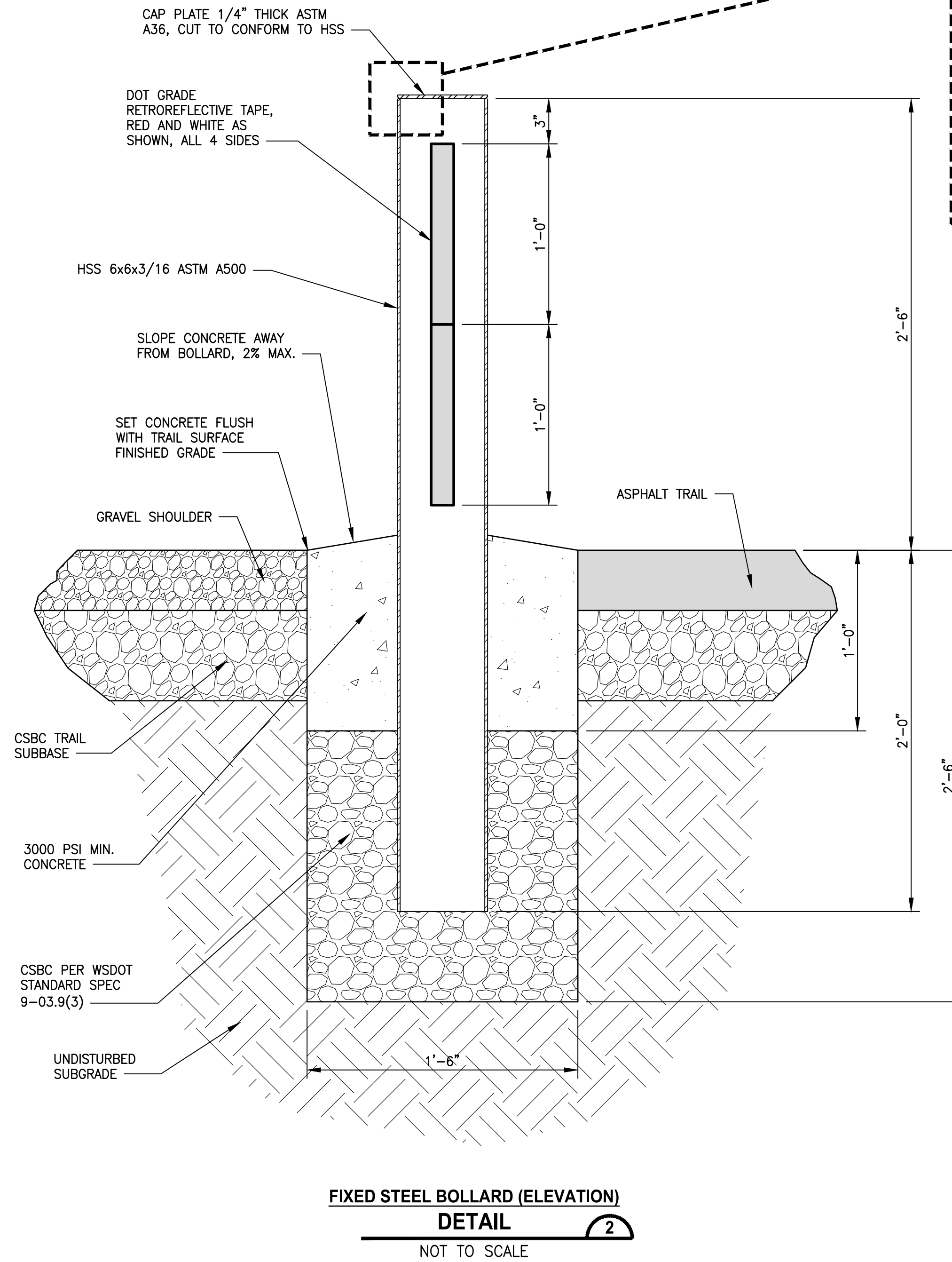
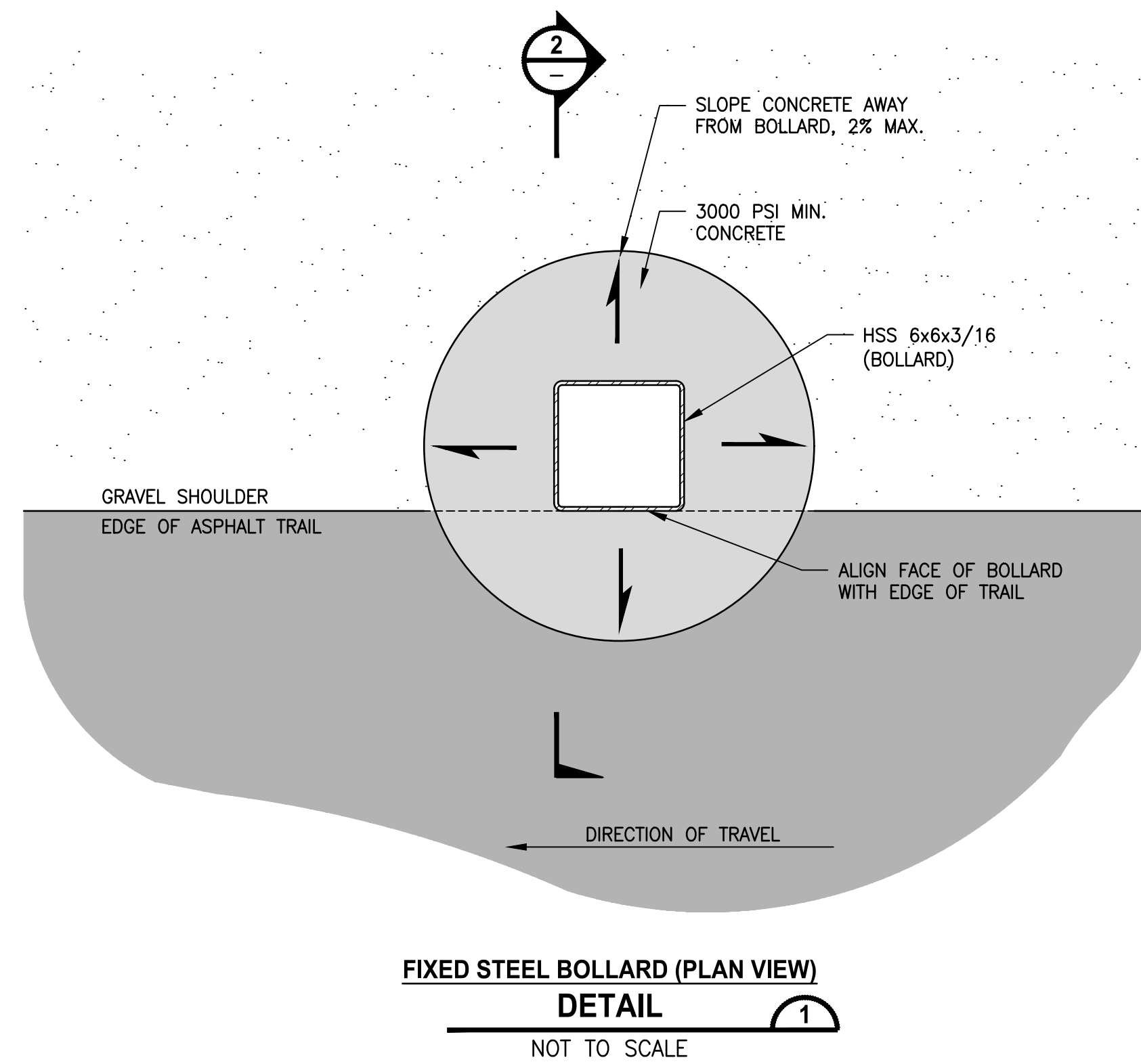
SHEET NO.
37 OF 45

MD2

T 22N AND 23N, R 4E, W.M.

NOTES:

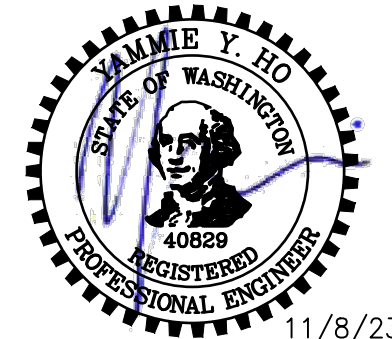
1. BOLLARD ASSEMBLY SHALL BE POWDER COATED WHITE AFTER WELDING.
2. APPLY RETROREFLECTIVE TAPE PER PLAN AFTER POWDER COATING.
3. CONCRETE SHALL ACHIEVE A 28-DAY STRENGTH OF 3,000 PSI MINIMUM.
4. ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.4. WELDING SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS QUALIFIED FOR WELDS USING THE APPROVED ELECTRODES.



LAYOUT: MD3
 PATH: \\parametrix.com\pmx\PS0\Projects\Clients\1521-151 L2ST-SegC\995\ca\CADD\Phase 2C\Task 21200C\DWG-Burien\
 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:09:39 PM

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | DRAWN |
| | | | B. PURGANAN |
| | | | CHECKED |
| | | | J. DVORAK |
| | | | APPROVED |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: PS1521151P2CT2T2MD-01
 JOB No.: SS4-1521-151 P2C T2T200C
 DATE: MAY 2023



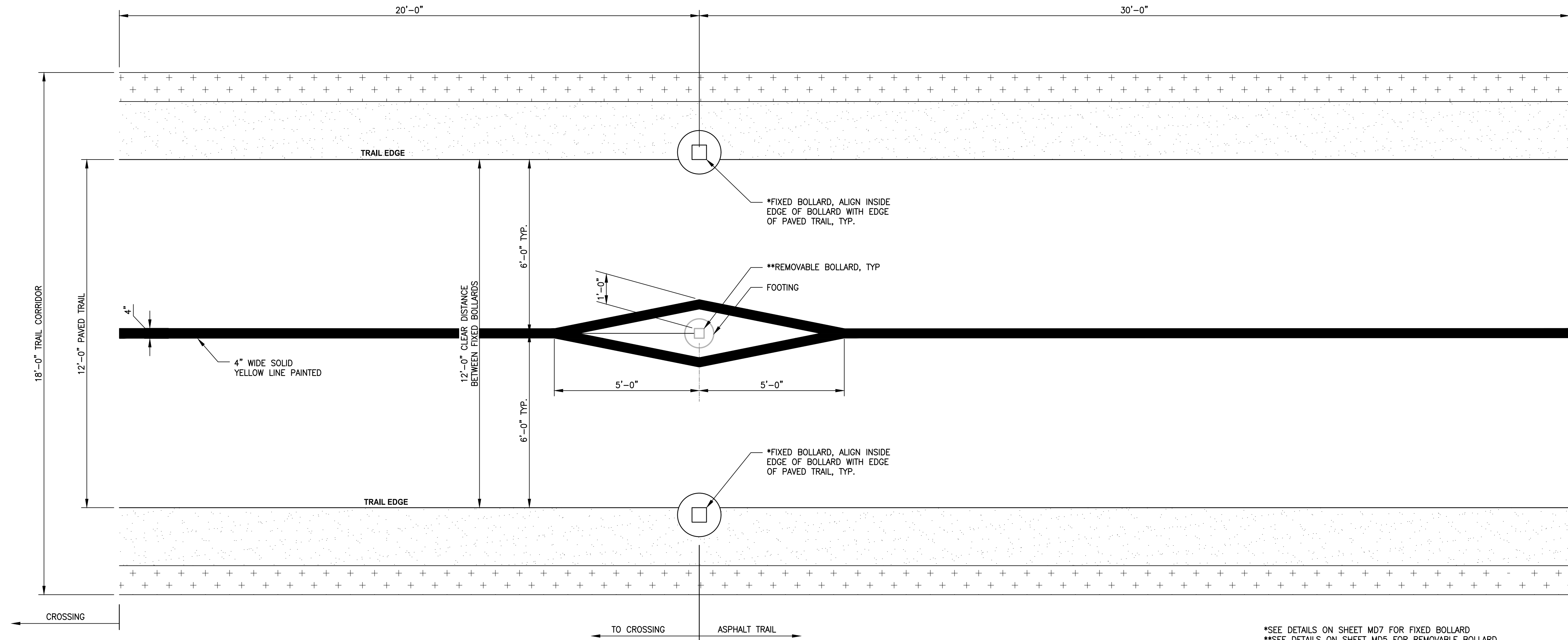
11/8/23

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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIEN**
 FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

MISCELLANEOUS DETAILS

SHEET NO.
 38 OF 45
MD3



*SEE DETAILS ON SHEET MD7 FOR FIXED BOLLARD
 **SEE DETAILS ON SHEET MD5 FOR REMOVABLE BOLLARD

BOLLARD LAYOUT AND STRIPING (PLAN)
DETAIL 1
 NOT TO SCALE

PATH: \\parametrix.com\pmx\PS0\Projects\Clients\152-151-L2ST-SegC\995\cadd\Phase 2C\Task 21200C\DWG-Burien\ LAYOUT: MD4 PLOTTED BY: purgabut DATE: Wednesday, November 8, 2023 12:08:44 PM

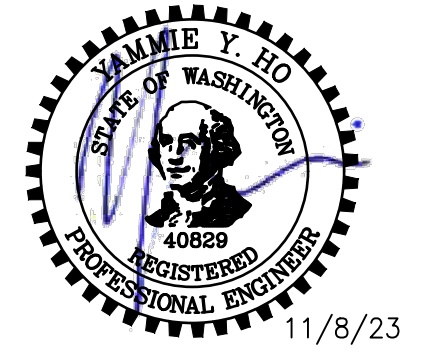
| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. HO |
| | | | DRAWN |
| | | | B. PURGANAN |
| | | | CHECKED |
| | | | J. DVORAK |
| | | | APPROVED |
| | | | J. BAILEY |

ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY

FILE NAME
 PS1521151P2CT2T2MD-01

JOB No.
 554-1521-151 P2C T2T200C

DATE
 MAY 2023



11/8/23

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PROJECT NAME
**LAKE TO SOUND TRAIL
 SEGMENT C - BURIEN**

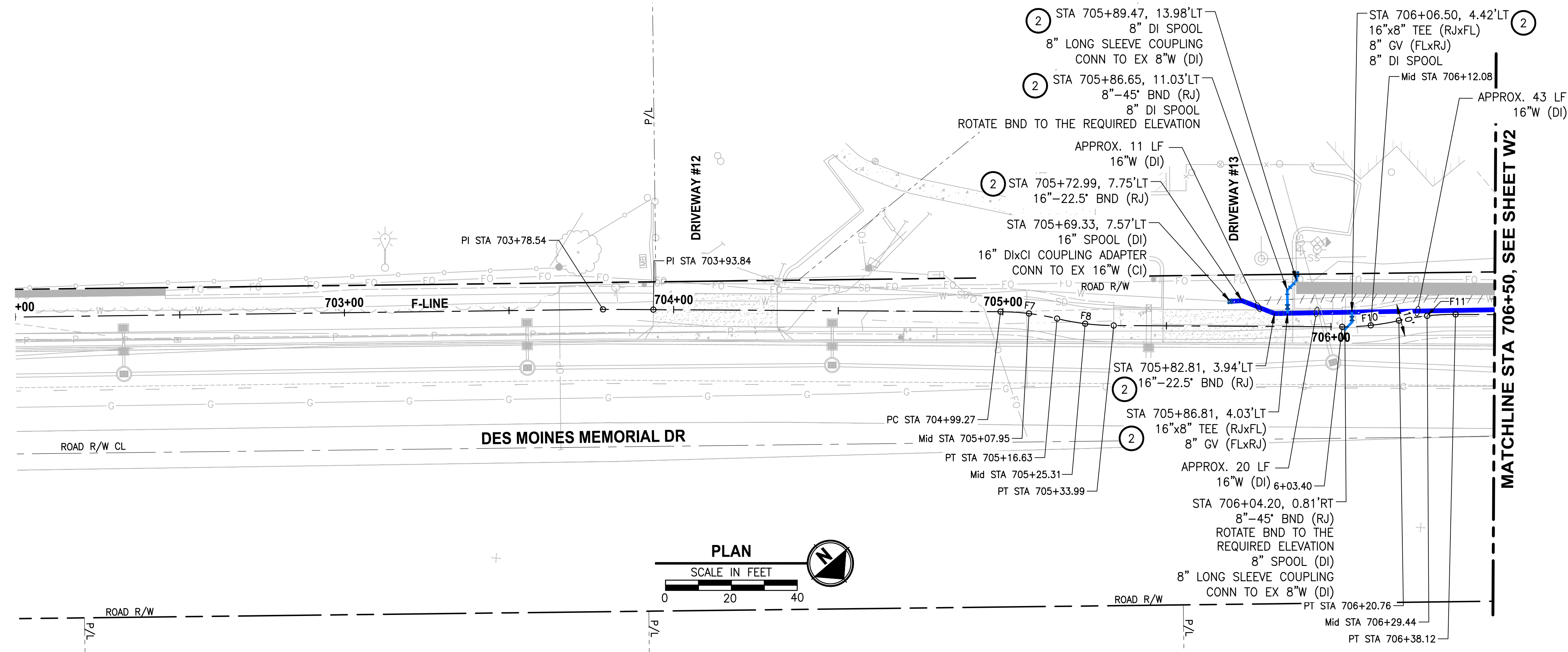
FROM 8TH AVENUE S / DES MOINES MEMORIAL
 DRIVE INTERSECTION TO S. NORMANDY ROAD /
 DES MOINES MEMORIAL DRIVE INTERSECTION

MISCELLANEOUS DETAILS

SHEET NO.
 39 OF 45

MD4

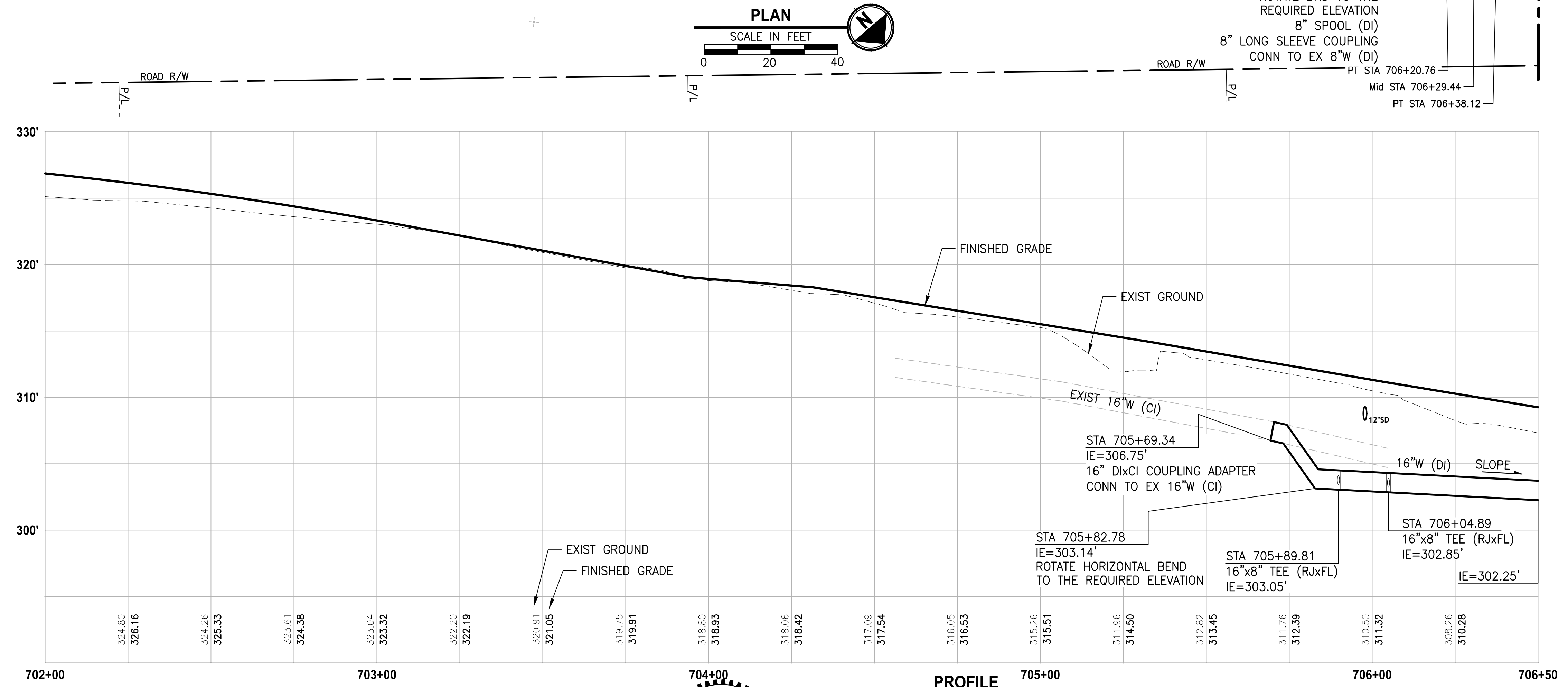
PATH: U:\PSO\Projects\Clients\2714-HighlineWaterDistrict\216-2714-008 DesMoines Mem. W. Rgn\995sca\CADD\DWG PLOTTED BY: toyfakt DATE: Wednesday, April 5, 2023 12:26:23 PM
 LAYOUT: W1



- CONSTRUCTION NOTES:**
- 1 REMOVE EXISTING HYDRANT ASSEMBLY AND REPLACE WITH NEW HYDRANT ASSEMBLY PER HWD DETAIL 8, SHEET DT1.
 - 2 THRUST BLOCKING PER HWD DETAIL 5, SHEET DT1.
 - 3 INSTALL 1" WATER METER SERVICE. INSTALL NEW COPPER PIPE FROM NEW MAIN AND CONNECT TO PROPERTY SIDE WATER SERVICE PIPE. INSTALL 2" GALVANIZED SCHEDULE 40 STEEL SLEEVE UNDER PROPOSED WALLS (10' MIN LENGTH).

- NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING AND VERIFYING THE LOCATION, DEPTH, SIZE, MATERIAL, AND CONFIGURATION OF THE EXISTING WATER MAIN SYSTEM. VERIFICATION SHALL BE COMPLETED EARLY ENOUGH SO AS TO ADJUST PROPOSED WATER MAIN SYSTEM TO ACCOMMODATE ACTUAL CONDITIONS. UNDER NO CIRCUMSTANCES WILL HIGHLINE WATER DISTRICT PAY THE CONTRACTOR ADDITIONAL MONIES TO RELAY WATER MAIN AND/OR FITTINGS INSTALLED UNDER THIS CONTRACT.
 2. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE WHEN TRENCHING ACROSS OR BESIDE THESE EXISTING UTILITIES.
 3. MAINTAIN MINIMUM 3.5 FEET AND MAXIMUM 5.0 FEET OF COVER OVER WATER MAIN (TYP).
 4. ALL JOINTS SHALL BE FULLY MECHANICALLY RESTRAINED.

- LEGEND:**
- - - - - ABANDON EX WATER MAIN
 - [Hatched Box] FULL DEPTH - HMA CL 1/2 PG 58H-22



| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|--------------------|
| | | | Y. MAHMOODI |
| | | | DRAWN Y. MAHMOODI |
| | | | CHECKED R. RAYMOND |
| | | | APPROVED J. WRIGHT |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PS2714008-W1
 JOB No: 216-2714-008
 DATE: APRIL 2023



04/05/2023

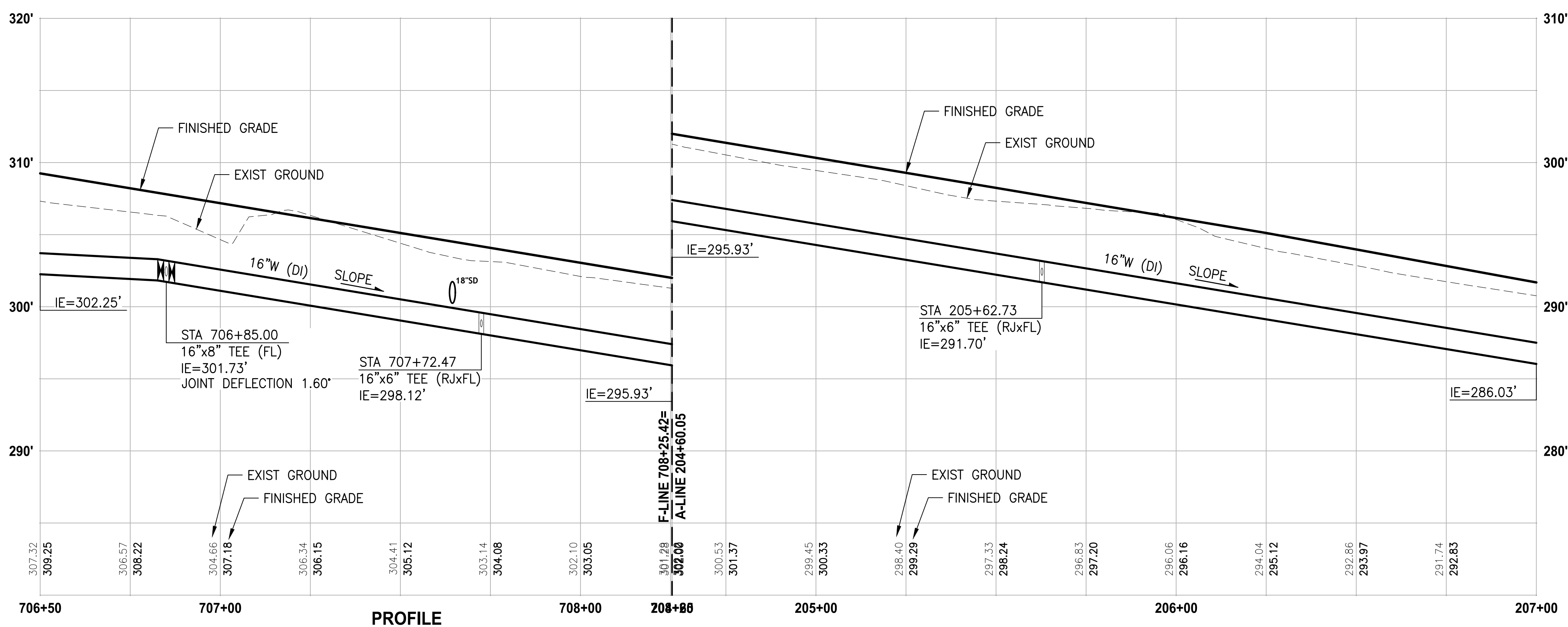
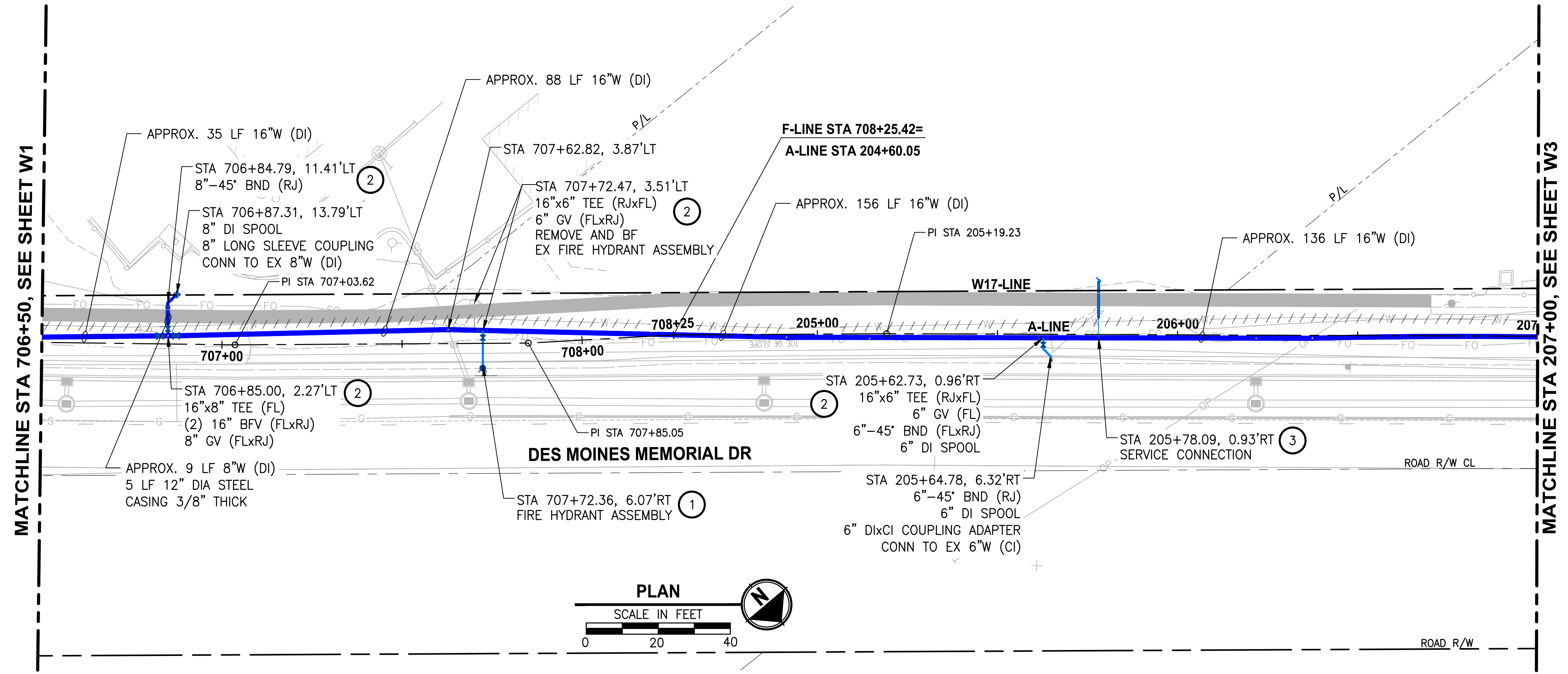
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PROJECT NAME
**HIGHLINE WATER DISTRICT
 DES MOINES MEMORIAL DRIVE
 WATER MAIN REPLACEMENT**
 BURIEN, WA

**SCHEDULE B
 WATER MAIN PLAN AND PROFILE**

DRAWING NO.
 40 OF 45
W1

PATH: U:\PSO\Projects\Clients\2714-HighlineWaterDistrict\2714-008-DesMoines-Mem-WM-Rgn\995\cadd\DWG PLOTTED BY: toyfact DATE: Wednesday, April 5, 2023 12:26:52 PM
 LAYOUT: W2



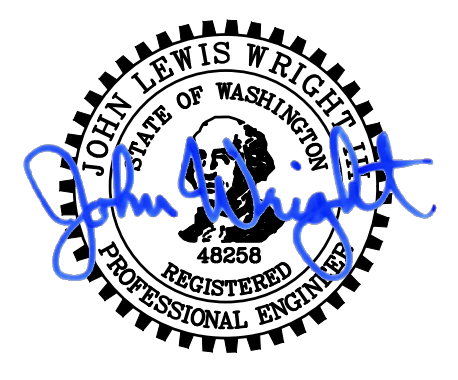
- CONSTRUCTION NOTES:**
- 1 REMOVE EXISTING HYDRANT ASSEMBLY AND REPLACE WITH NEW HYDRANT ASSEMBLY PER HWD DETAIL 8, SHEET DT1.
 - 2 THRUST BLOCKING PER HWD DETAIL 5, SHEET DT1.
 - 3 INSTALL 1" WATER METER SERVICE. INSTALL NEW COPPER PIPE FROM NEW MAIN AND CONNECT TO PROPERTY SIDE WATER SERVICE PIPE. INSTALL 2" GALVANIZED SCHEDULE 40 STEEL SLEEVE UNDER PROPOSED WALLS (10' MIN LENGTH).

- NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING AND VERIFYING THE LOCATION, DEPTH, SIZE, MATERIAL, AND CONFIGURATION OF THE EXISTING WATER MAIN SYSTEM. VERIFICATION SHALL BE COMPLETED EARLY ENOUGH SO AS TO ADJUST PROPOSED WATER MAIN SYSTEM TO ACCOMMODATE ACTUAL CONDITIONS, UNDER NO CIRCUMSTANCES WILL HIGHLINE WATER DISTRICT PAY THE CONTRACTOR ADDITIONAL MONIES TO RELAY WATER MAIN AND/OR FITTINGS INSTALLED UNDER THIS CONTRACT.
 2. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE WHEN TRENCHING ACROSS OR BESIDE THESE EXISTING UTILITIES.
 3. MAINTAIN MINIMUM 3.5 FEET AND MAXIMUM 5.0 FEET OF COVER OVER WATER MAIN (TYP).
 4. ALL JOINTS SHALL BE FULLY MECHANICALLY RESTRAINED.

- LEGEND:**
- - - - - ABANDON EX WATER MAIN
 - [Grey Box] FULL DEPTH - HMA CL 1/2 PG 58H-22

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. MAHMOODI |
| | | | Y. MAHMOODI |
| | | | R. RAYMOND |
| | | | J. WRIGHT |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PS2714008-W1
 JOB No: 216-2714-008
 DATE: APRIL 2023



04/05/2023

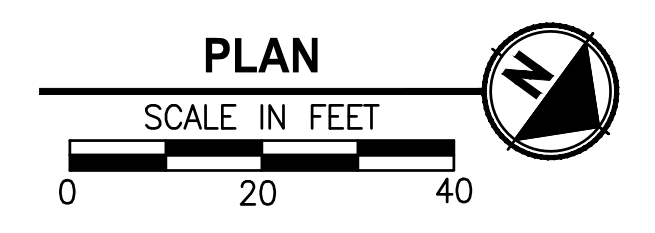
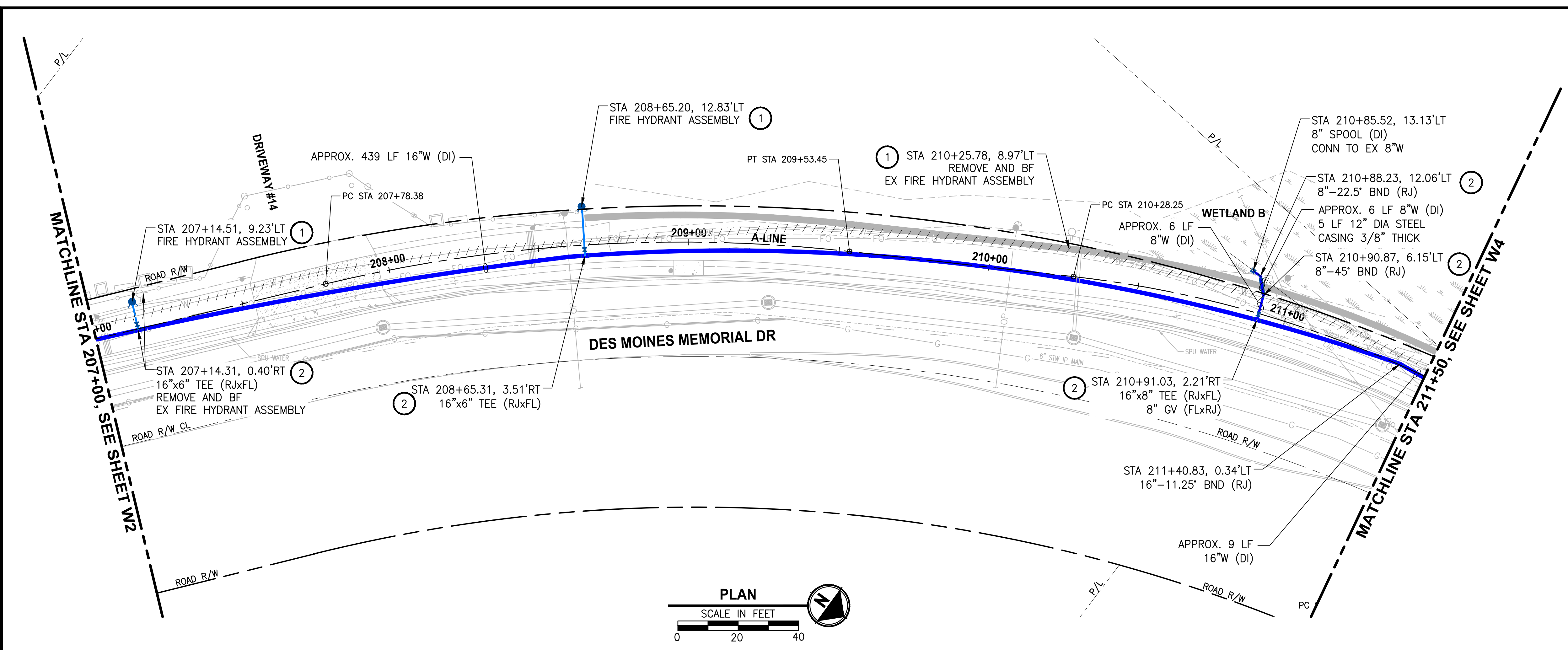
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PROJECT NAME
**HIGHLINE WATER DISTRICT
 DES MOINES MEMORIAL DRIVE
 WATER MAIN REPLACEMENT**
 BURIEN, WA

**SCHEDULE B
 WATER MAIN PLAN AND PROFILE**

DRAWING NO.
 41 OF 45
W2

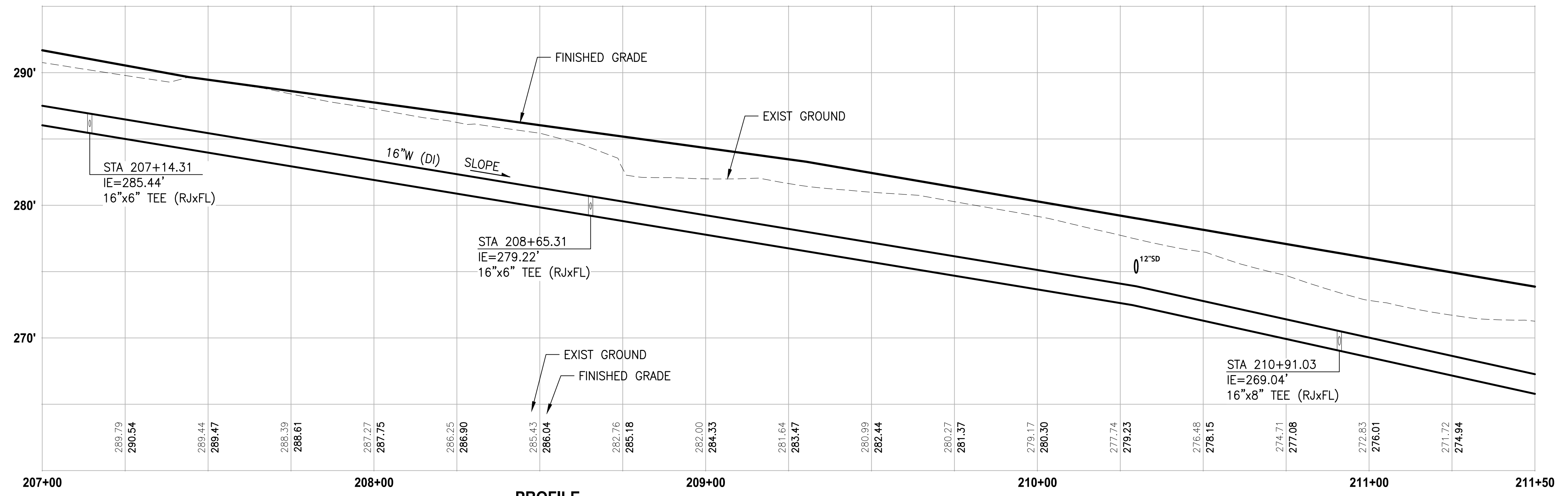
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 PLOTTED BY: toyfact DATE: Wednesday, April 5, 2023 12:27:26 PM



- CONSTRUCTION NOTES:**
- 1 REMOVE EXISTING HYDRANT ASSEMBLY AND REPLACE WITH NEW HYDRANT ASSEMBLY PER HWD DETAIL 8, SHEET DT1.
 - 2 THRUST BLOCKING PER HWD DETAIL 5, SHEET DT1.
 - 3 INSTALL 1" WATER METER SERVICE. INSTALL NEW COPPER PIPE FROM NEW MAIN AND CONNECT TO PROPERTY SIDE WATER SERVICE PIPE. INSTALL 2" GALVANIZED SCHEDULE 40 STEEL SLEEVE UNDER PROPOSED WALLS (10' MIN LENGTH).

- NOTES:**
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 2. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE WHEN TRENCHING ACROSS OR BESIDE THESE EXISTING UTILITIES.
 3. MAINTAIN MINIMUM 3.5 FEET AND MAXIMUM 5.0 FEET OF COVER OVER WATER MAIN (TYP).
 4. ALL JOINTS SHALL BE FULLY MECHANICALLY RESTRAINED.

- LEGEND:**
- - - - - ABANDON EX WATER MAIN
 - [Hatched Box] FULL DEPTH - HMA CL 1/2 PG 58H-22

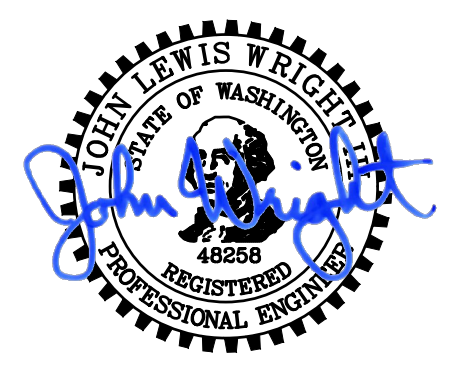


PROFILE
 HORIZ: 1"=20'
 VERT: 1"=5'

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|-------------|
| | | | Y. MAHMOODI |
| | | | DRAWN |
| | | | Y. MAHMOODI |
| | | | CHECKED |
| | | | R. RAYMOND |
| | | | APPROVED |
| | | | J. WRIGHT |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: PS2714008-W1
 JOB No: 216-2714-008
 DATE: APRIL 2023



04/05/2023

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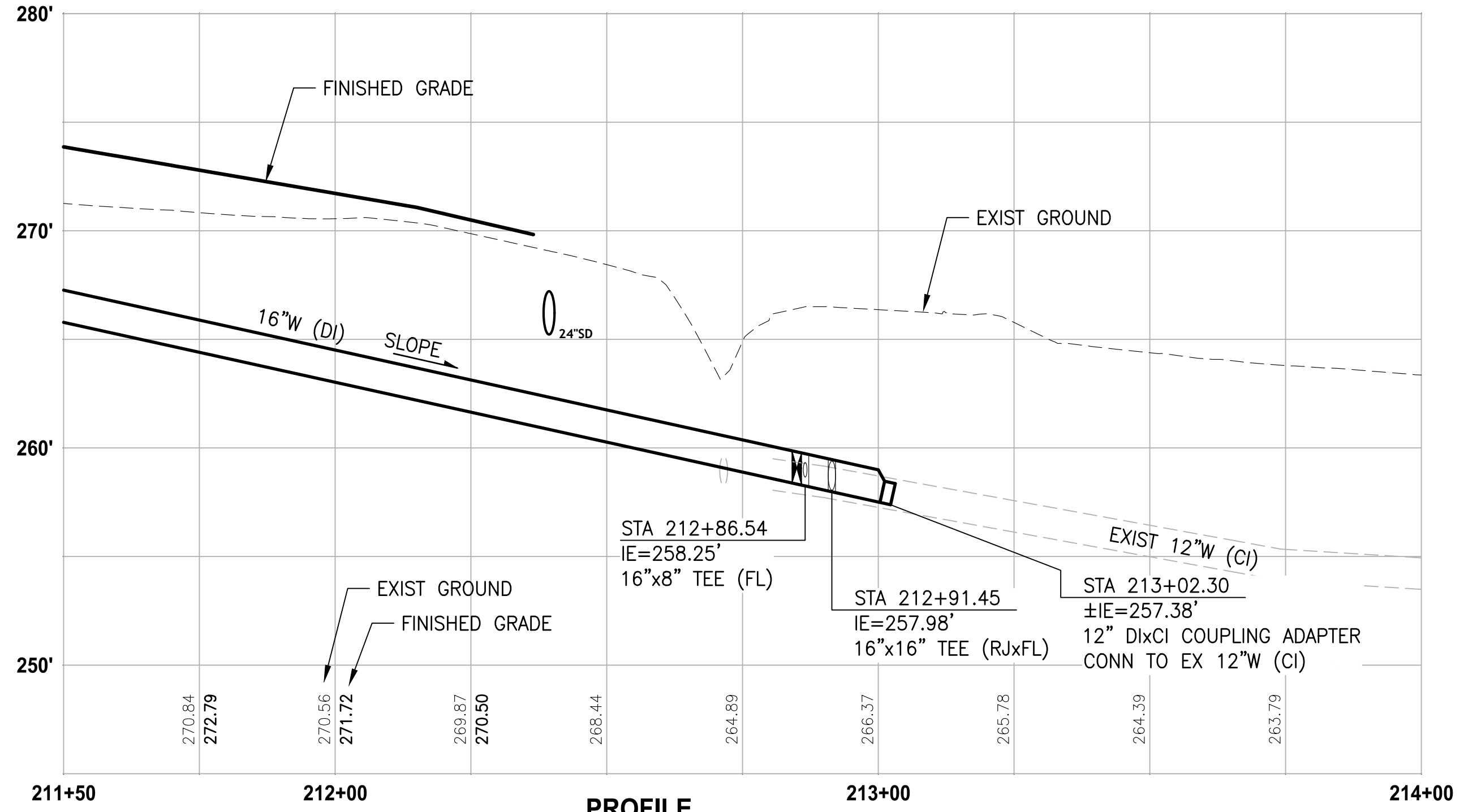
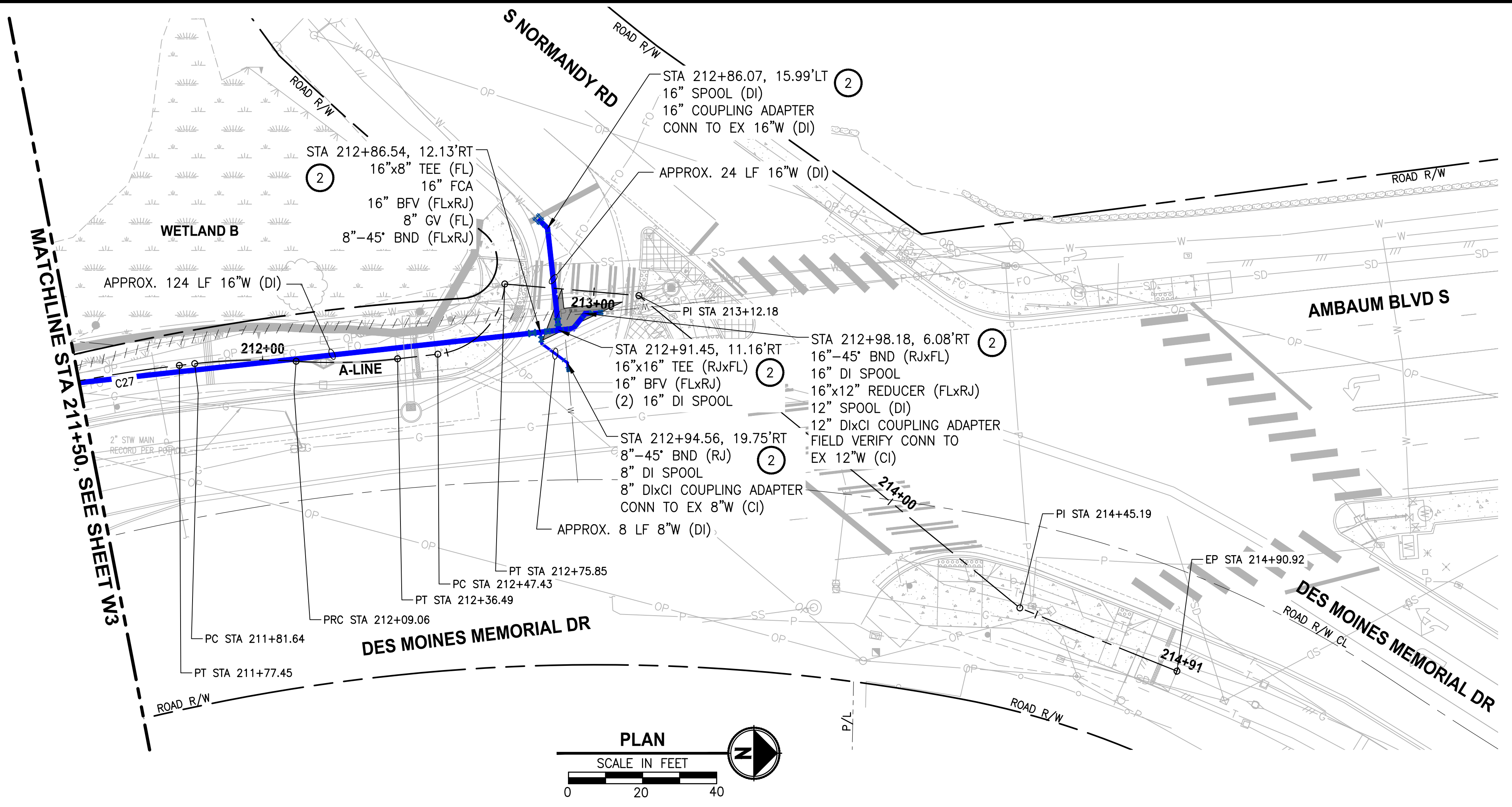
PROJECT NAME
**HIGHLINE WATER DISTRICT
 DES MOINES MEMORIAL DRIVE
 WATER MAIN REPLACEMENT**
 BURIEN, WA

**SCHEDULE B
 WATER MAIN PLAN AND PROFILE**

DRAWING NO.
 42 OF 45

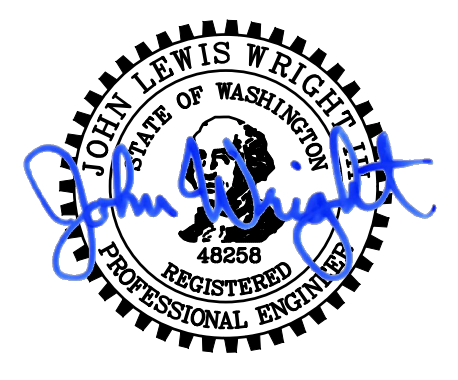
W3

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| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|--------------------|
| | | | Y. MAHMOODI |
| | | | DRAWN Y. MAHMOODI |
| | | | CHECKED R. RAYMOND |
| | | | APPROVED J. WRIGHT |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PS2714008-W1
 JOB No: 216-2714-008
 DATE: APRIL 2023



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PROJECT NAME
**HIGHLINE WATER DISTRICT
DES MOINES MEMORIAL DRIVE
WATER MAIN REPLACEMENT**
BURIEN, WA

**SCHEDULE B
WATER MAIN PLAN AND PROFILE**

DRAWING NO.
43 OF 45
W4

LAYOUT: DT1
 PATH: U:\PSOX\Projects\Clients\2714-HighlineWaterDistrict\216-2714-008 DesMoines Mem. WM Rgn\995\cadd\DWG
 PLOTTED BY: taylor DATE: Wednesday, April 5, 2023 12:28:04 PM

CUT-IN TO AC WATERMAINS

NOTES:

- NO CONNECTIONS WILL BE ALLOWED TO EXISTING MAINS WITHOUT PRIOR AUTHORIZATION OF THE DISTRICT.
- ALL MECHANICAL JOINTS (MJ) SHALL BE EQUIPPED WITH A MECHANICAL RESTRAINT DEVICE (SEE STANDARDS).
- VALVE MARKER POSTS REQUIRED PER DISTRICT STANDARD.
- SEE APPROVED MATERIALS LIST.
- ALL PIPE & FITTINGS SHALL BE DISINFECTED PRIOR TO INSTALLATION.
- PROVIDE SUPPORT BLOCK & COMPACTED BEDDING MATERIAL UNDER TEE & VALVES.
- AC HANDLING CERTIFICATION REQUIRED FOR CUTTING EXISTING AC PIPE.
- ALL VALVES & FITTINGS SHALL BE OF DOMESTIC MANUFACTURE.

CUT-IN TO D.I. OR C.I. WATERMAINS

NOTES:

- UNDISTURBED BEARING AREA OF CONCRETE THRUST BLOCK BASED ON 200 PSI WATER PRESSURE AND SAFE SOIL BEARING LOAD OF 2,000 POUNDS PER SQUARE FOOT.
- AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES AND SOIL CONDITIONS.
- CONCRETE BLOCKING SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 12 SQUARE FOOT BEARING AGAINST THE FITTING.
- BLOCK SHALL BEAR AGAINST FITTINGS ONLY AND SHALL BE CLEAR OF JOINTS TO PERMIT TAKING UP OR DISMANTLING OF JOINT.
- CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND OPERATION PRESSURE UNDER ALL CONDITIONS OF SERVICE.
- INSTALL PLASTIC SHEETING BETWEEN FITTINGS AND CONCRETE BLOCKING.
- THRUST BLOCKS FOR FITTINGS GREATER THAN 18-INCHES OR DEADMAN BLOCKING SHALL BE BY SPECIAL DESIGN.
- ALL MECHANICAL JOINTS (MJ) SHALL BE EQUIPPED WITH MECHANICAL RESTRAINT DEVICES (SEE STANDARDS).

CUT-IN USING TWO OR THREE VALVES

NTS

| | | | | |
|----------------|---------------|-----------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 4 | | |
| NTS | | BDO 10/20/20 | | |

CONCRETE THRUST BLOCKING

NTS

| PIPE SIZE & DEAD ENDS | 90° BEND | 45° BEND | 22.5° BEND | 11.25° BEND |
|-----------------------|----------|----------|------------|-------------|
| 4" | 2 | 3 | 2 | 2 |
| 6" | 4 | 6 | 3 | 2 |
| 8" | 7 | 10 | 5 | 3 |
| 12" | 15 | 22 | 12 | 6 |
| 16" | 27 | 38 | 21 | 11 |

NOTES:

- UNDISTURBED BEARING AREA OF CONCRETE THRUST BLOCK BASED ON 200 PSI WATER PRESSURE AND SAFE SOIL BEARING LOAD OF 2,000 POUNDS PER SQUARE FOOT.
- AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES AND SOIL CONDITIONS.
- CONCRETE BLOCKING SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 12 SQUARE FOOT BEARING AGAINST THE FITTING.
- BLOCK SHALL BEAR AGAINST FITTINGS ONLY AND SHALL BE CLEAR OF JOINTS TO PERMIT TAKING UP OR DISMANTLING OF JOINT.
- CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND OPERATION PRESSURE UNDER ALL CONDITIONS OF SERVICE.
- INSTALL PLASTIC SHEETING BETWEEN FITTINGS AND CONCRETE BLOCKING.
- THRUST BLOCKS FOR FITTINGS GREATER THAN 18-INCHES OR DEADMAN BLOCKING SHALL BE BY SPECIAL DESIGN.
- ALL MECHANICAL JOINTS (MJ) SHALL BE EQUIPPED WITH MECHANICAL RESTRAINT DEVICES (SEE STANDARDS).

| | | | | |
|----------------|---------------|-----------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 5 | | |
| NTS | | BDO 10/20/20 | | |

VERTICAL CONCRETE BLOCKING

NTS

| PIPE SIZE | V.B. | CU FT | A | D | L |
|-----------|---------|-------|------|--------|------|
| 4" | 11 1/4" | 8 | 2.0' | 3/4" | 1.5' |
| | 22 1/2" | 11 | 2.2' | 1" | 2.0' |
| | 30" | 17 | 2.2' | 1" | 2.5' |
| 6" | 11 1/4" | 11 | 2.2' | 3/4" | 2.0' |
| | 22 1/2" | 25 | 2.9' | 1" | 2.5' |
| | 30" | 41 | 3.5' | 1" | 3.0' |
| 8" | 11 1/4" | 16 | 2.5' | 3/4" | 2.0' |
| | 22 1/2" | 47 | 3.6' | 1" | 2.5' |
| | 30" | 79 | 4.1' | 3/4" | 3.0' |
| 12" | 11 1/4" | 32 | 3.2' | 3/4" | 2.0' |
| | 22 1/2" | 86 | 4.5' | 7/8" | 3.0' |
| | 30" | 132 | 5.1' | 1" | 3.5' |
| 16" | 11 1/4" | 70 | 4.1' | 7/8" | 3.0' |
| | 22 1/2" | 194 | 5.7' | 1 1/8" | 4.0' |
| | 30" | 275 | 6.5' | 1 1/4" | 4.0' |

NOTES:

- CONCRETE BLOCKING BASED ON 200 PSI WATER PRESSURE AND 2,000 PSI CONCRETE.
- ALL MECHANICAL JOINTS (MJ) SHALL BE EQUIPPED WITH MECHANICAL RESTRAINT DEVICES (SEE STANDARDS).
- INSTALL PLASTIC SHEETING BETWEEN FITTINGS AND CONCRETE BLOCKING (SEE STANDARDS).

| | | | | |
|----------------|---------------|-----------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 6 | | |
| NTS | | BDO 10/20/20 | | |

FIRE HYDRANT ASSEMBLY

NTS

NOTES:

- PAINT HYDRANT, ABOVE THE BREAKER FLANGE, WITH TWO (2) COATS OF PAINT PER HWD STANDARDS.
- SEE APPROVED MATERIALS LIST.
- FOR HYDRANT RUNS GREATER THAN 50', UPSIZE PIPE AND VALVE TO 8".
- INSTALL BLUE PAVEMENT MARKER IF HYDRANT IS LOCATED WITHIN THE RIGHT-OF-WAY.
- NEATLY STENCIL VALVE DISTANCE ON TO HYDRANT W/2" NUMERALS USING WHITE OR BLACK ENAMEL PAINT AND FACING THE FOOT VALVE.
- SEE STANDARD DETAIL FOR DRAIN KIT ASSEMBLY INSTALLATION.

| | | | | |
|----------------|---------------|-------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | STANDARD DETAIL 8 | | |
| NTS | | BDO 10/20/20 | | |

VALVE MARKER POSTS

NOTES:

- NEATLY STENCIL DISTANCE TO VALVE ON POST W/2" REFLECTIVE NUMERALS USING DECALS OR WHITE ENAMEL PAINT.
- SEE APPROVED MATERIALS LIST.

EXTRUDED CURBING

NOTES:

- FIRE HYDRANT SHALL BE PROTECTED BY 6" HIGH EXTRUDED CURBING WHERE DIRECTED BY HWD.
- IF AREA WITHIN PROTECTIVE CURBING IS FILLED IN, THE MIDDLE OF THE HYDRANT BREAKAWAY FLANGE IS REQUIRED TO HAVE A CLEARANCE OF 4" TO 8" ABOVE THE FINAL GRADE.
- BOLLARDS MAY BE REQUIRED UPON DIRECTION OF DISTRICT.

VALVE MARKER POST AND EXTRUDED CURBING FOR HYDRANTS

NTS

| | | | | |
|----------------|---------------|------------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 11 | | |
| NTS | | BDO 10/20/20 | | |

2-INCH BLOW-OFF ASSEMBLY

NTS

NOTES:

- ALL FITTINGS SHALL BE GALVANIZED STEEL WITH I.P. THREADS.
- STREET ELLS NOT ALLOWED.
- INSTALL VALVE MARKER PER DISTRICT DETAIL.
- SEE APPROVED MATERIAL LIST FOR PARTS.

| | | | | |
|----------------|---------------|------------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 12 | | |
| NTS | | BDO 10/20/20 | | |

NEW INSTALLATION ONLY

NTS

NOTES:

- RETROFIT INSTALLATION MAY VARY.
- SEE APPROVED MATERIALS LIST.
- BED ALL SERVICE MATERIALS IN SAND (MIN. 6" AROUND ALL PIPING).
- INSTALL PVC TEMPORARY STRAIGHT PIPE IN SETTER TO SECURE ALIGNMENT DURING CONSTRUCTION.
- NO SPICES ALLOWED UNLESS APPROVED BY DISTRICT.
- OWNER IS RESPONSIBLE TO INSTALL PRIVATE PRV TO PROTECT THEIR SYSTEM FROM HIGH PRESSURES.
- WHEN SIDEWALK IS INSTALLED BEHIND METER, INSTALL COPPER TAIL PIECE TO PROPERTY SIDE OF SIDEWALK.

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| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 15 | | |
| NTS | | BDO 10/20/20 | | |

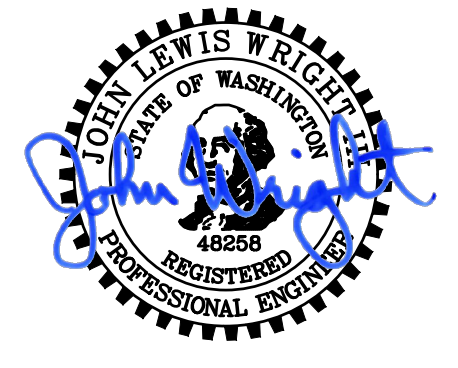
PIPE CASINGS

NTS

NOTES:

- CASING SIZE AND MINIMUM THICKNESS SHALL BE AS REQUIRED BY THE DISTRICT.
- CASING SEAL SHALL BE BRICK IN AND MORTAR FINISH.
- SEE STANDARDS & APPROVED MATERIALS LIST.

| | | | | |
|----------------|---------------|------------------------|---------|----|
| APPROVAL DATE | DRAWN | SED | CHECKED | DS |
| 10/21/2020 | SED | | DS | |
| PLOTTING SCALE | DETAIL NUMBER | HWD STANDARD DETAIL 26 | | |
| NTS | | BDO 10/20/20 | | |



| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|--------------------|
| | | | Y. MAHMOODI |
| | | | DRAWN Y. MAHMOODI |
| | | | CHECKED R. RAYMOND |
| | | | APPROVED J. WRIGHT |

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PS2714008-DT
 JOB No: 216-2714-008
 DATE: APRIL 2023

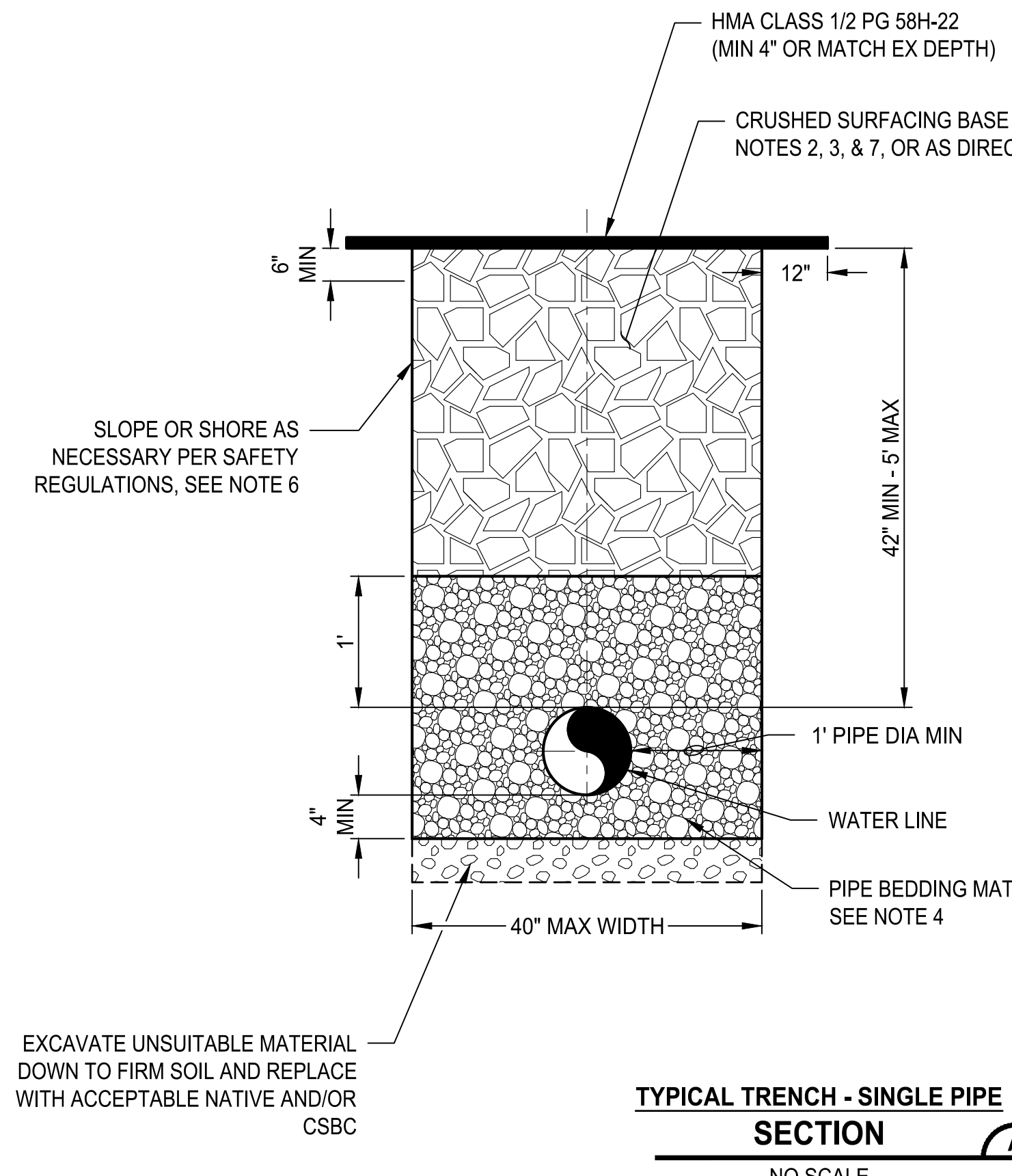
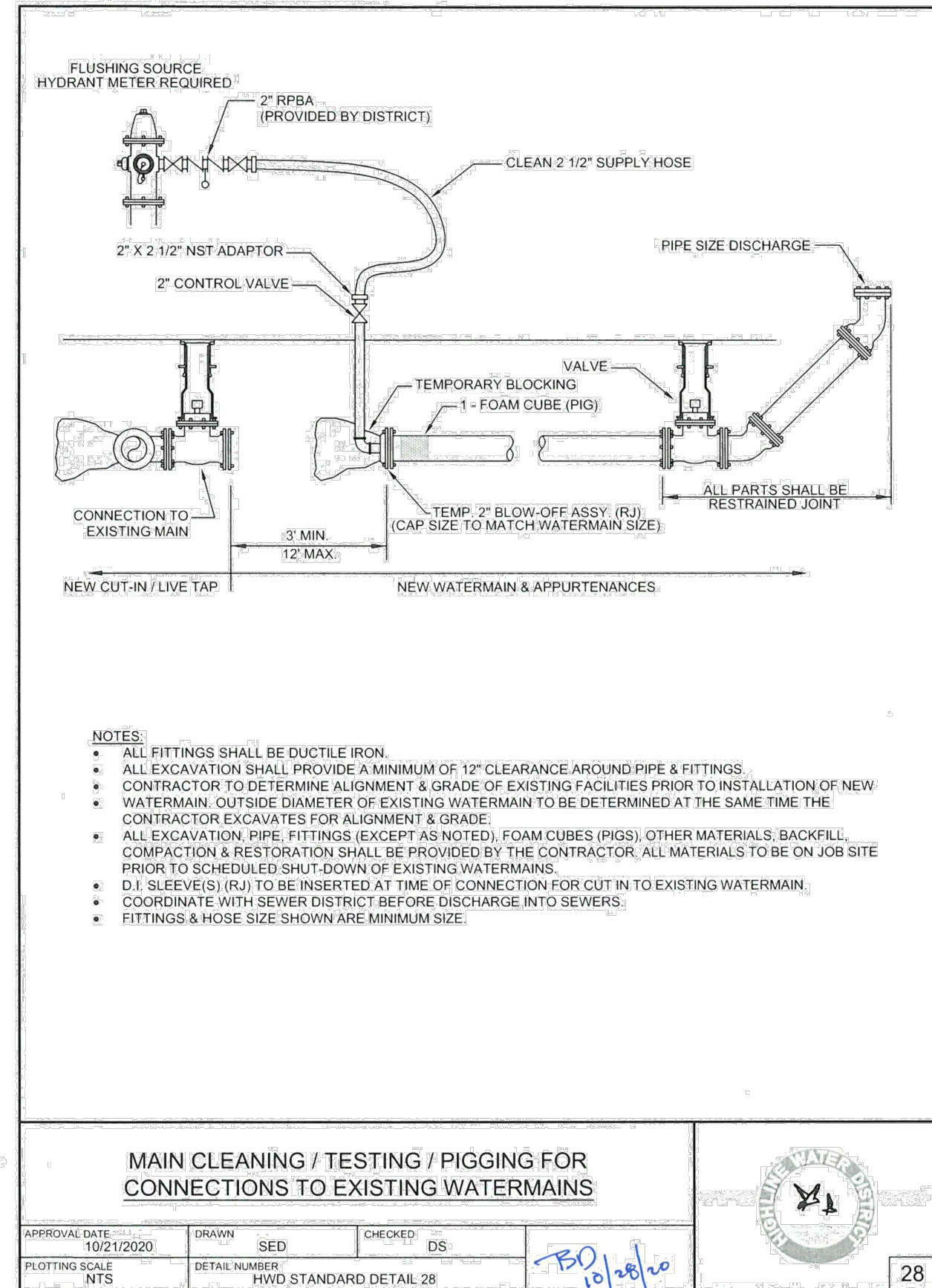
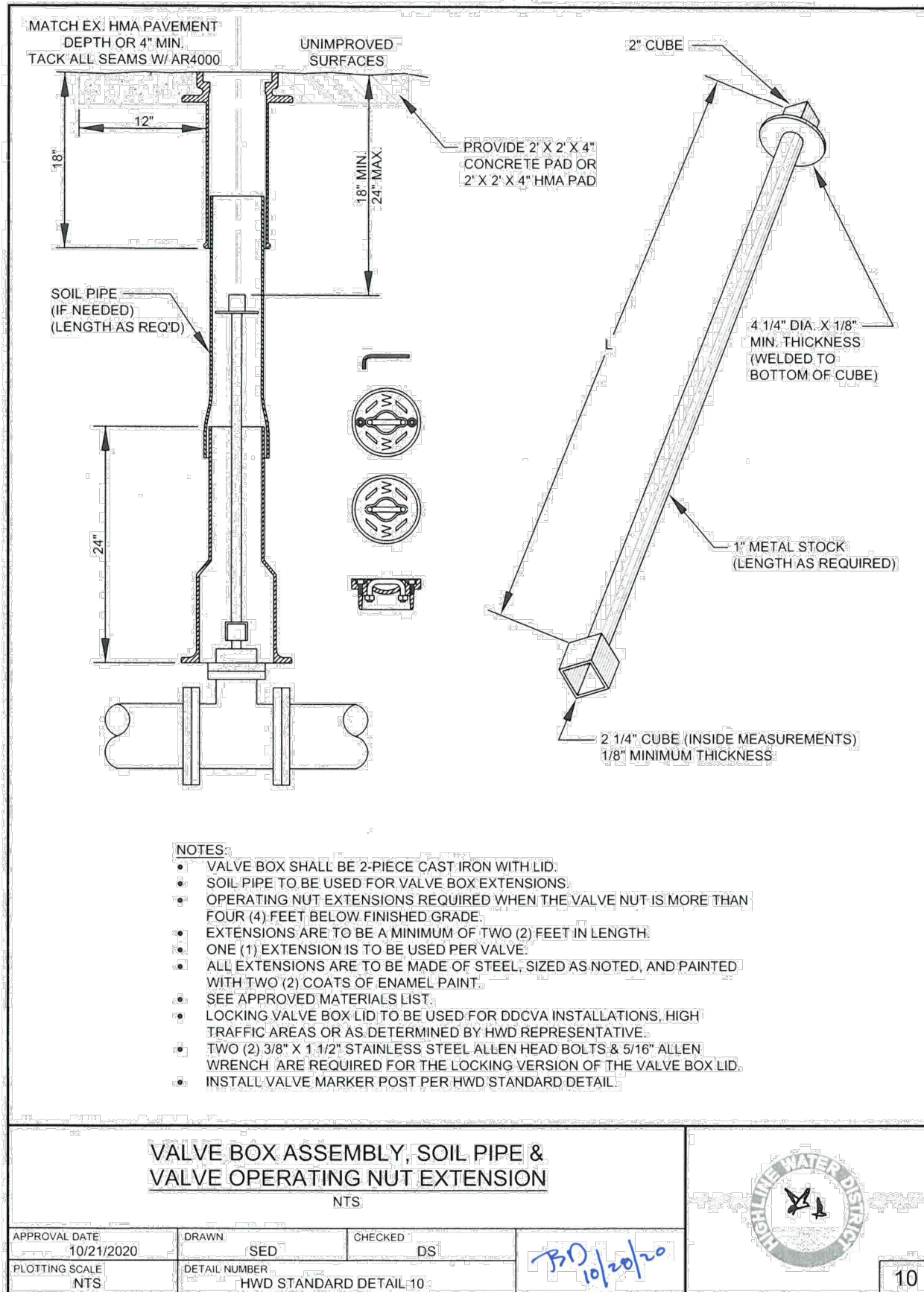
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PROJECT NAME
**HIGHLINE WATER DISTRICT
 DES MOINES MEMORIAL DRIVE
 WATER MAIN REPLACEMENT**
 BURIEN, WA

**SCHEDULE B
 HIGHLINE WATER DISTRICT
 STANDARD DETAILS**

DRAWING NO.
 44 OF 45
DT1

LAYOUT: DT2
 PATH: U:\PSO\Projects\Clients\2714-HighlineWaterDistrict\216-2714-008 DesMoines Mem Wm Rgn\99\Spec\CADD\DWG
 PLOTTED BY: loyoket DATE: Wednesday, April 5, 2023 12:28:13 PM



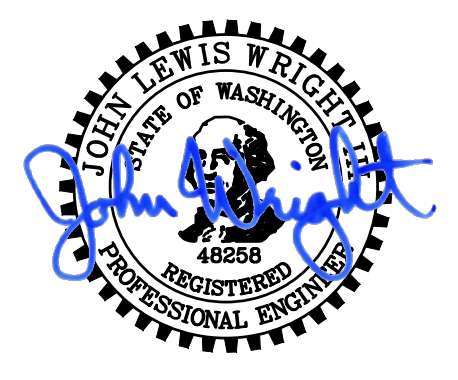
- NOTES:**
- PLACE THE WATER LINE IN ACCORDANCE WITH WSDOT/APWA STANDARD SPECIFICATION SECTIONS 7-08 AND 7-09, IN ACCORDANCE WITH DISTRICT STANDARDS, AND PROJECT MANUAL, OR AS DIRECTED BY THE CONTRACTING AGENCY.
 - TRENCH BACKFILL SHALL BE CSBC IN ACCORDANCE WITH WSDOT SPECIFICATION 9-03.9(3) AS DIRECTED BY THE DISTRICT. THE CONTRACTOR SHALL RESTORE AND MAINTAIN THE TOP OF TRENCH WITH 1\"/>
 - BACKFILL MATERIAL SHALL BE PLACED IN 0.5 FEET LOOSE LAYERS (UNLESS OTHERWISE DIRECTED BY THE DISTRICT) AND COMPACTED TO 95 PERCENT MAXIMUM DENSITY OR AS DIRECTED BY THE OWNER. ALL DENSITIES SHALL BE TESTED PER WSDOT/APWA STANDARD SPECIFICATION SECTION 2-03.3(14)D.
 - BEDDING MATERIAL SHALL BE 5/8\"/>
 - SURFACING SHALL BE IN ACCORDANCE WITH APPROPRIATE CITY STANDARDS.
 - PROVIDE A SAFE TRENCH ENVIRONMENT, IN COMPLIANCE WITH WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (RCW 49.17) AND SAFETY AND HEALTH STANDARDS SUCH AS SAFETY STANDARDS FOR CONSTRUCTION WORK (CHAPTER 296-155 WAC), GENERAL SAFETY AND HEALTH STANDARDS (CHAPTER 296-24 WAC) GENERAL OCCUPATIONAL HEALTH STANDARD (CHAPTER 296-22 WAC) AND ANY OTHER APPROPRIATE SAFETY AND HEALTH CODES.
 - PERPENDICULAR CUTS TO ROADWAY SHALL BE BACKFILLED 100% WITH 1-1/4\"/>

CONSTRUCTION NOTES:

- ALL WATER WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF HIGHLINE WATER DISTRICT, THE PERMIT CONDITIONS OR DIRECTIONS ISSUED BY GOVERNING AGENCIES WITH JURISDICTIONAL AUTHORITY OVER THE PROJECT, THESE DRAWINGS, AND THE LATEST VERSION OF THE HWD DEVELOPER EXTENSION DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A SET OF THESE APPROVED PLANS ONSITE WHENEVER CONSTRUCTION IS IN PROGRESS. NO CHANGES OR DEVIATIONS FROM THESE APPROVED PLANS SHALL BE PERMITTED WITHOUT THE PRIOR AUTHORIZATION OF THE DISTRICT ENGINEER.
- THE DEVELOPER AND CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE DISTRICT AT LEAST TWO (2) WEEKS BUT NO MORE THAN FOUR (4) WEEKS IN ADVANCE OF THE START OF WATER WORK.
- CONTRACTOR TO PROVIDE CONSTRUCTION STAKING OF THE WATER SYSTEM FOR DISTRICT INSPECTION A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK.
- CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES BY CALLING THE UTILITY NOTIFICATION CENTER "ONE CALL" AT 1-800-424-5555 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR TO PROVIDE SUBMITTALS OF ALL WATER MATERIALS FOR THE DISTRICT'S REVIEW PRIOR TO THE RECONSTRUCTION CONFERENCE.
- ALL WATER MATERIALS SHALL CONFORM TO THE DISTRICT STANDARDS AND BE INSPECTED ONSITE BY THE DISTRICT'S INSPECTOR PRIOR TO THE CONSTRUCTION.
- PIPING SHALL BE KEPT CLEAN AND DRY FROM THE FACTORY TO INSTALLATION. PIPE SHALL HAVE TEMPORARY CAPS THAT ARE FACTORY INSTALLED AND SHALL REMAIN IN PLACE UNTIL THE PIPE IS INSTALLED IN THE TRENCH.
- WATER MAINS SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON, SIZED AS NOTED ON THE PLANS. ALL MECHANICAL JOINTS SHALL BE FULLY MECHANICALLY RESTRAINED WITH A MECHANICAL RESTRAINT DEVICE (RJ).
- CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY ON THE WORK SITE.
- CONTRACTOR SHALL PROVIDE TRENCH SAFETY SYSTEMS FOR ALL EXCAVATIONS FOR WHICH A SAFE ENVIRONMENT IS REQUIRED IN COMPLIANCE WITH THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (RCW 49.17); SAFETY STANDARDS FOR CONSTRUCTION WORK (296-155 WAC); GENERAL SAFETY AND HEALTH STANDARD (296-24 WAC); GENERAL OCCUPATIONAL HEALTH STANDARD (296-22 WAC) AND ANY OTHER APPROPRIATE SAFETY AND HEALTH CODES.
- CONTRACTOR TO POTHOLE ALL EXISTING UTILITIES TO VERIFY LOCATION AND DEPTHS PRIOR TO WATER MAIN INSTALLATION.
- ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF 42\"/>
- MINIMUM SEPARATION OF POTABLE WATER MAINS AND SANITARY SEWER SHALL BE TEN (10) FEET HORIZONTALLY AND EIGHTEEN (18) INCHES VERTICALLY FOR PERPENDICULAR OR OBLIQUE CROSSINGS, MEASURED FROM OUTSIDE EDGE TO OUTSIDE EDGE AND FIVE (5) FEET HORIZONTALLY AND TWELVE (12) INCHES VERTICALLY FROM OTHER UTILITIES. SITUATIONS OCCURRING WITH LESS THAN MINIMUM SEPARATION WITH SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "CRITERIA FOR SEWAGE WORKS DESIGN" PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF ECOLOGY AND SUBJECT TO APPROVAL BY THE DISTRICT ENGINEER.
- WATERMAN MAY BE DEFLECTED AS NECESSARY; HOWEVER, MAXIMUM ALLOWABLE DEFLECTION AT EACH JOINT SHALL NOT EXCEED ONE-HALF (1/2) THE PIPE MANUFACTURER'S RECOMMENDED ALLOWABLE DEFLECTION.
- ALL WATER VALVES SHALL BE OPERATED BY DISTRICT PERSONNEL ONLY.
- ALL EXCESS EXCAVATED OR UNSTABLE MATERIAL SHALL BE REMOVED AND LAWFULLY DISPOSED OF BY THE CONTRACTOR.
- THE DEVELOPER SHALL NOTIFY THE DISTRICT INSPECTOR AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL CONNECTIONS TO THE EXISTING SYSTEM. WATER SHUT OFFS REQUIRE A MINIMUM OF 72 HOURS PRIOR NOTIFICATION TO CUSTOMERS. SHUT OFFS ARE ONLY ALLOWED TUESDAY THROUGH THURSDAY 8AM TO 4PM. ALTERNATIVE HOURS, EVEN NIGHT CONNECTIONS, MAY BE REQUIRED IF THE SHUTDOWN AFFECTS SCHOOLS OR BUSINESSES. ALL WATER CONNECTIONS SHALL BE SUPERVISED BY THE DISTRICT INSPECTOR.
- NO CONNECTIONS TO THE EXISTING SYSTEM SHALL BE ALLOWED UNTIL THE NEW CONSTRUCTION PASSES PURITY AND PRESSURE TESTS. NO MORE THAN FIVE (5) WORKING DAYS SHALL BE ALLOWED TO PASS BETWEEN TESTING RESULTS AND CONNECTION TO THE EXISTING SYSTEM WITHOUT THE NEED FOR RETESTING. ALL PIPE DISINFECTION AND VERIFICATION SHALL CONFORM TO AWWA C-651.
- CONTRACTOR SHALL ADHERE TO ALL FEDERAL, STATE AND LOCAL LAWS AND REQUIREMENTS WHEN WORKING WITH ASBESTOS CEMENT (AC) WATER MAINS. ONLY PERSONNEL TRAINED AND CERTIFIED FOR WORKING WITH ASBESTOS CONTAINING MATERIALS SHALL WORK WITH THE AC PIPE. ALL AC REMOVED FROM THE TRENCH SHALL BE LAWFULLY DISPOSED OF BY THE CONTRACTOR.
- ALL SERVICE/METER LOCATIONS SHALL BE FIELD APPROVED BY THE DISTRICT'S INSPECTOR PRIOR TO INSTALLATION.
- ALL VALVE BOXES, HYDRANTS, GUARD POSTS AND VALVE MARKERS ON ABANDONED MAINS SHALL BE REMOVED AND LAWFULLY DISPOSED OF BY THE CONTRACTOR.

| REVISIONS | DATE | BY | DESIGNED |
|-----------|------|----|--------------------|
| | | | Y. MAHMOODI |
| | | | DRAWN Y. MAHMOODI |
| | | | CHECKED R. RAYMOND |
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**SCHEDULE B
 DETAILS**

DRAWING NO.
 45 OF 45
DT2