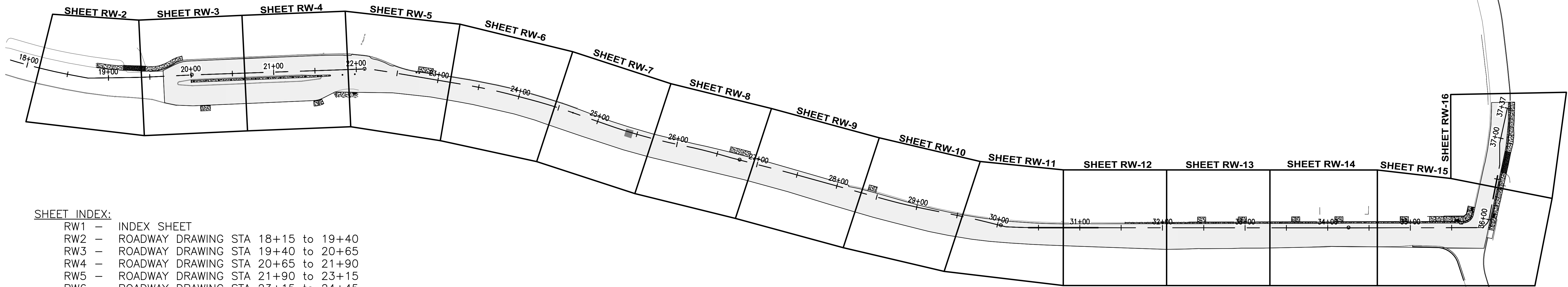
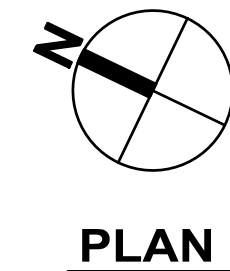


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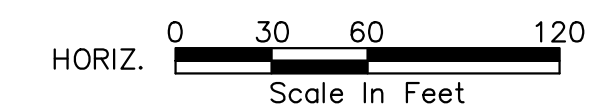


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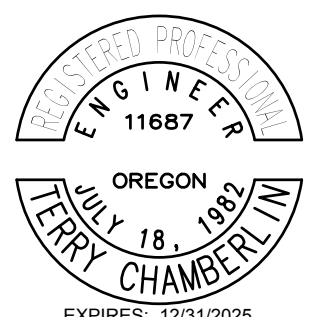
- RW1 - INDEX SHEET
- RW2 - ROADWAY DRAWING STA 18+15 to 19+40
- RW3 - ROADWAY DRAWING STA 19+40 to 20+65
- RW4 - ROADWAY DRAWING STA 20+65 to 21+90
- RW5 - ROADWAY DRAWING STA 21+90 to 23+15
- RW6 - ROADWAY DRAWING STA 23+15 to 24+45
- RW7 - ROADWAY DRAWING STA 24+45 to 25+70
- RW8 - ROADWAY DRAWING STA 25+70 to 26+95
- RW9 - ROADWAY DRAWING STA 26+95 to 28+30
- RW10 - ROADWAY DRAWING STA 28+30 to 29+55
- RW11 - ROADWAY DRAWING STA 29+55 to 30+80
- RW12 - ROADWAY DRAWING STA 30+80 to 32+05
- RW13 - ROADWAY DRAWING STA 32+05 to 33+30
- RW14 - ROADWAY DRAWING STA 33+30 to 34+60
- RW15 - ROADWAY DRAWING STA 34+60 to 36+40
- RW16 - ROADWAY DRAWING STA 36+40 to 37+50
- RW17 - DETAILS
- RW18 - DETAILS
- RW19 - DETAILS



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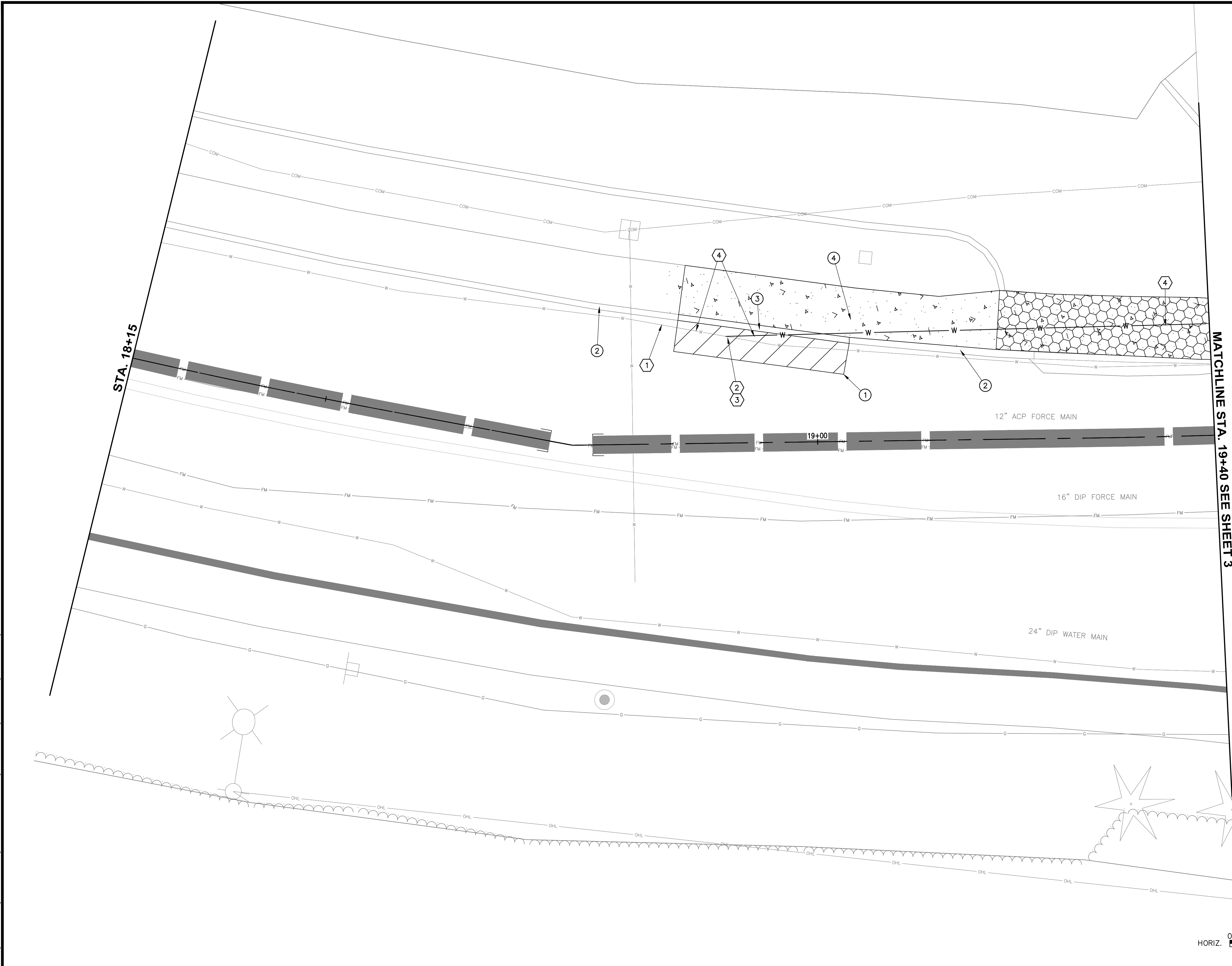
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 LINCOLN CITY, OREGON 97367  
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<b>VERIFY SCALE</b> BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	DATE 09/17/2024
SCALE AS SHOWN	

**NELSCOTT PRESSURE GRAVITY  
 MAIN IMPROVEMENTS**  
 INDEX SHEET  
 STA 19+40 TO 37+50

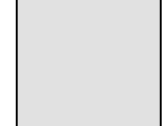

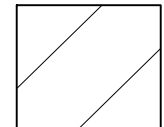
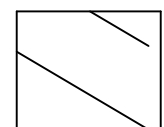
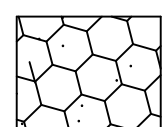
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SHEET <b>RW1</b> OF <b>33</b>

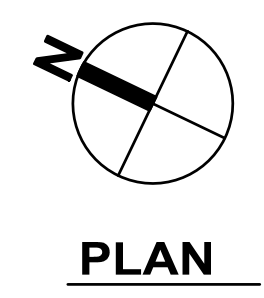
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- # ROADWAY NOTES**
- SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
  - PROTECT EXISTING CURB/CURB & GUTTER
  - REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
  - INSTALL NEW CONCRETE SIDEWALK PER ODOT DETAIL RD720, MATCH EXISTING GRADES

- # WATER LINE NOTES**
- CONNECT TO EXISTING 8" AC WATER LINE WITH 8" AC TO 8" C-900 PVC ADAPTOR.
  - INSTALL THRUST BLOCK.
  - INSTALL NEW 8" C-900 11.25-DEG MJ BEND.
  - INSTALL NEW 8" C-900 PIPE WITH RESTRAINED JOINTS.

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH
-  NEW PAVEMENT STRIPPING YELLOW, 4" WIDE, 3.0' OC SPACING
-  NEW RESIDENTIAL DRIVEWAY PER LINCOLN CITY DETAIL 440



HORIZ. 0 2.5 5 10  
 Scale In Feet

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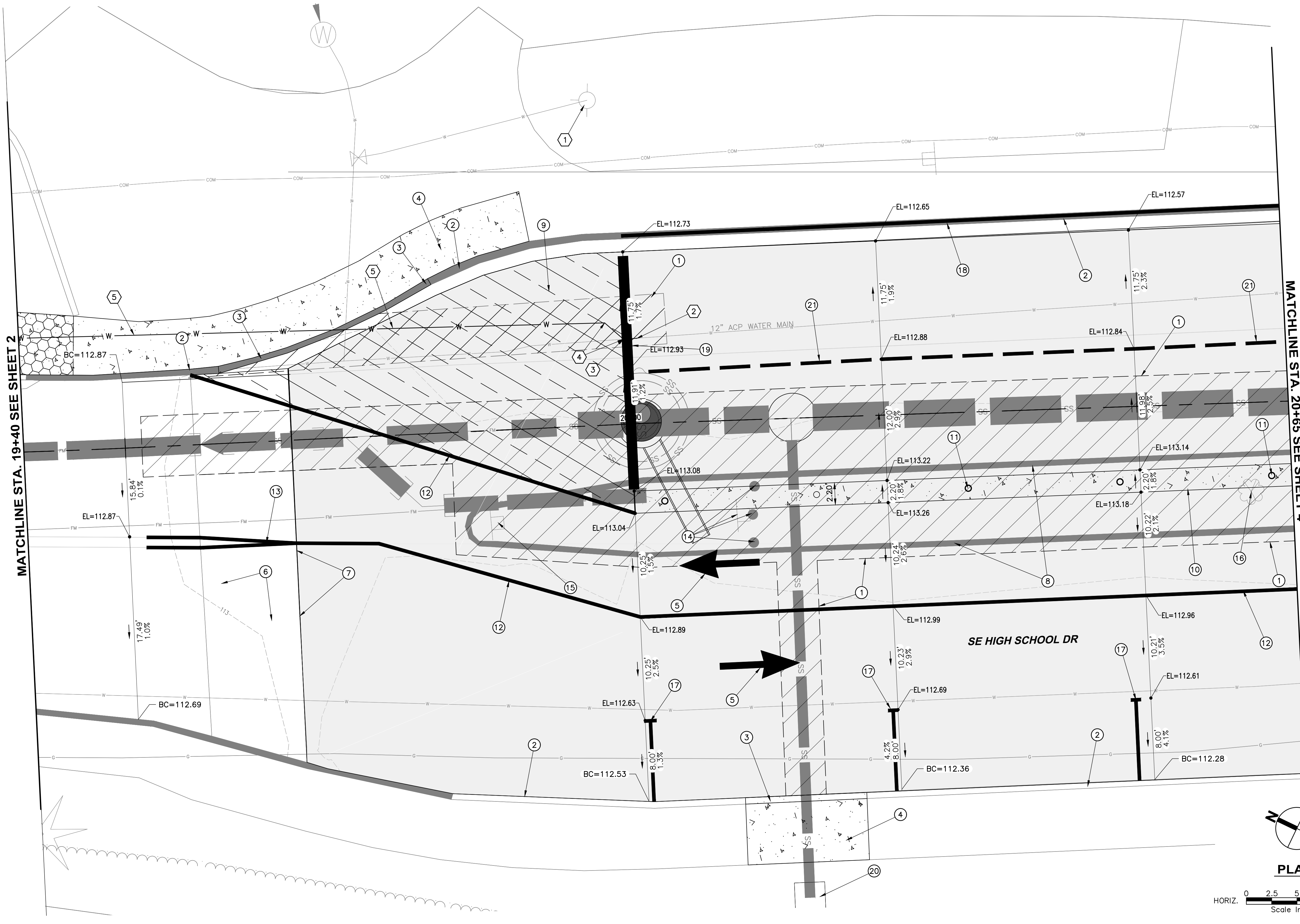
**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 18+45 TO 19+40**

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 SHEET **RW2** OF **33**

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MATCHLINE STA. 19+40 SEE SHEET 2

MATCHLINE STA. 20+65 SEE SHEET 4

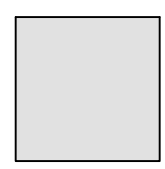
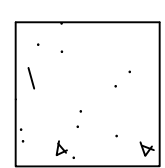
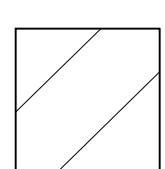
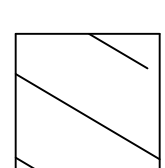
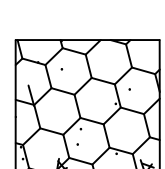


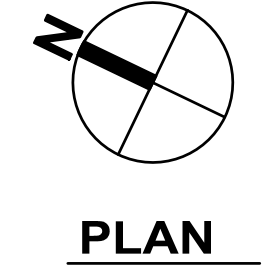
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
4. INSTALL NEW CONCRETE SIDEWALK PER ODOT DETAIL RD720, MATCH EXISTING GRADES
5. INSTALL WHITE DIRECTIONAL ARROW PER ODOT DETAIL TM501-SA
6. PROTECT EXISTING CONCRETE CROSSWALK
7. START GRIND AND OVERLAY - MATCH EXTG GRADE
8. REMOVE EXTG. CONCRETE ISLAND, REPLACE WITH 12" OF 3/4"-0 AND 4" OF 1/2" DENSE LEVEL 2 ACP.
9. INSTALL YELLOW EDGE LINE AND DIAGONAL YELLOW CROSSHATCH MARKINGS
10. INSTALL CONCRETE TRAFFIC SEPARATOR PER ODOT DETAIL RD706
11. INSTALL TUBULAR MARKER SPACED AT 15.0' O.C. THROUGHOUT CONCRETE TRAFFIC SEPARATOR (TYP)
12. INSTALL SINGLE SOLID YELLOW LANE LINE PAVEMENT MARKING PER ODOT DETAIL TM500-Y
13. TRANSITION FROM DOUBLE SOLID YELLOW LINES TO SINGLE YELLOW LANE LINE PAVEMENT MARKING
14. REMOVE EXISTING "TAFT ELEMENTARY" SIGN AND FOUNDATION, RETURN SIGN TO LINCOLN CITY
15. REMOVE EXISTING TRAFFIC SIGN AND POST
16. REMOVE EXISTING STREET TREE/SHRUB
17. INSTALL 8.0' PARKING STALL PER DETAIL ODOT TM503-P (TYP)
18. INSTALL YELLOW PAINT MARKING ON EXISTING CURB
19. INSTALL 24' LONG STOP BAR PER ODOT DETAIL TM503-S
20. AIR VENT VAULT, SEE SHEET 11
21. INSTALL 4" WHITE DOTTED LANE LINE PER ODOT DETAIL TM500-DLL

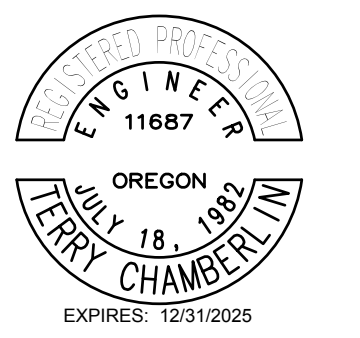
**# WATER LINE NOTES**

1. PROTECT EXISTING FIRE HYDRANT.
2. CONNECT TO EXISTING 8" AC WATER LINE WITH 8" AC TO 8" C-900 PVC ADAPTOR.
3. INSTALL THRUST BLOCK.
4. INSTALL NEW 8" C-900 45-DEG MJ BEND.
5. INSTALL NEW 8" C-900 PIPE WITH RESTRAINED JOINTS.

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH
-  NEW PAVEMENT STRIPPING YELLOW, 4" WIDE, 3.0' OC SPACING
-  NEW RESIDENTIAL DRIVEWAY PER LINCOLN CITY DETAIL 440



HORIZ. 0 2.5 5 10  
Scale In Feet



DESIGNED	JDN				
DRAWN	BRM				
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SYM		REVISION	DATE	BY	APP'D

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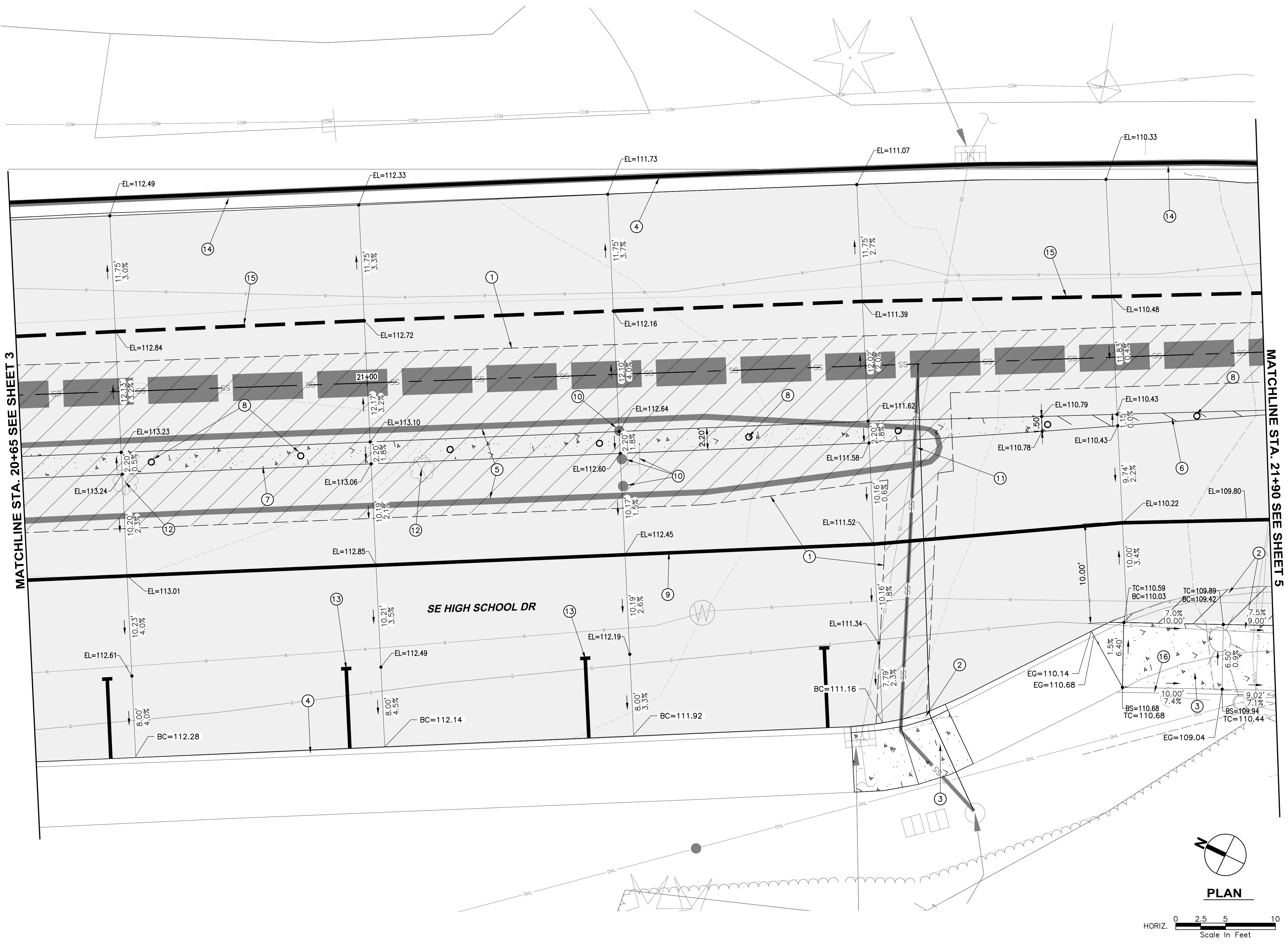
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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 19+40 TO 20+65

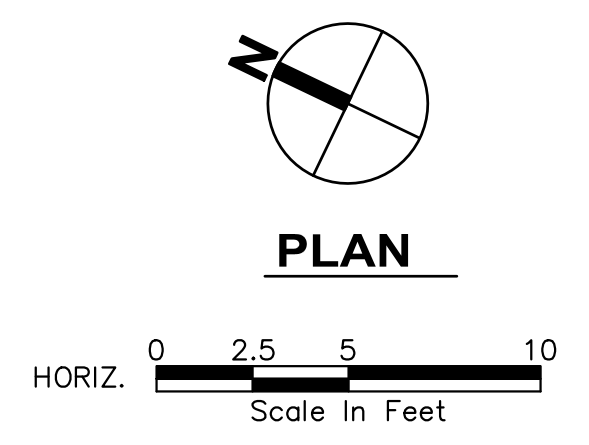
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 USER NAME: JONAS WELTER  
 XREF FILES: X:\19881\_SS.dwg X:\19881\_TB.dwg X:\19881\_PROF.dwg X:\19881\_SRV.dwg X:\19881\_ADA.dwg



- ROADWAY NOTES**
1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
  2. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
  3. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
  4. PROTECT EXISTING CURB/CURB & GUTTER
  5. REMOVE EXTG. CONCRETE ISLAND
  6. INSTALL YELLOW EDGE LINE AND DIAGONAL YELLOW CROSSHATCH MARKINGS
  7. INSTALL CONCRETE TRAFFIC SEPARATOR PER ODOT DETAIL RD706
  8. INSTALL TUBULAR MARKER SPACED AT 15.0' O.C. THROUGHOUT CONCRETE TRAFFIC SEPARATOR (TYP)
  9. INSTALL SINGLE SOLID YELLOW LANE LINE PAVEMENT MARKING PER DETAIL ODOT TM500-Y
  10. REMOVE EXISTING "TAFT ELEMENTARY" SIGN AND FOUNDATION, RETURN SIGN TO LINCOLN CITY
  11. REMOVE EXISTING TRAFFIC SIGN AND POST
  12. REMOVE EXISTING STREET TREE/SHRUB
  13. INSTALL 8.0' PARKING STALL PER ODOT DETAIL TM503-P (TYP)
  14. INSTALL YELLOW PAINT MARKING ON EXISTING CURB.
  15. INSTALL 4" WHITE DOTTED LANE LINE PER ODOT DETAIL TM500-DLL
  16. INSTALL NEW CONCRETE CURB.

- GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2". INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
- INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
- INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH
- NEW PAVEMENT STRIPPING YELLOW, 4" WIDE, 3.0' OC SPACING



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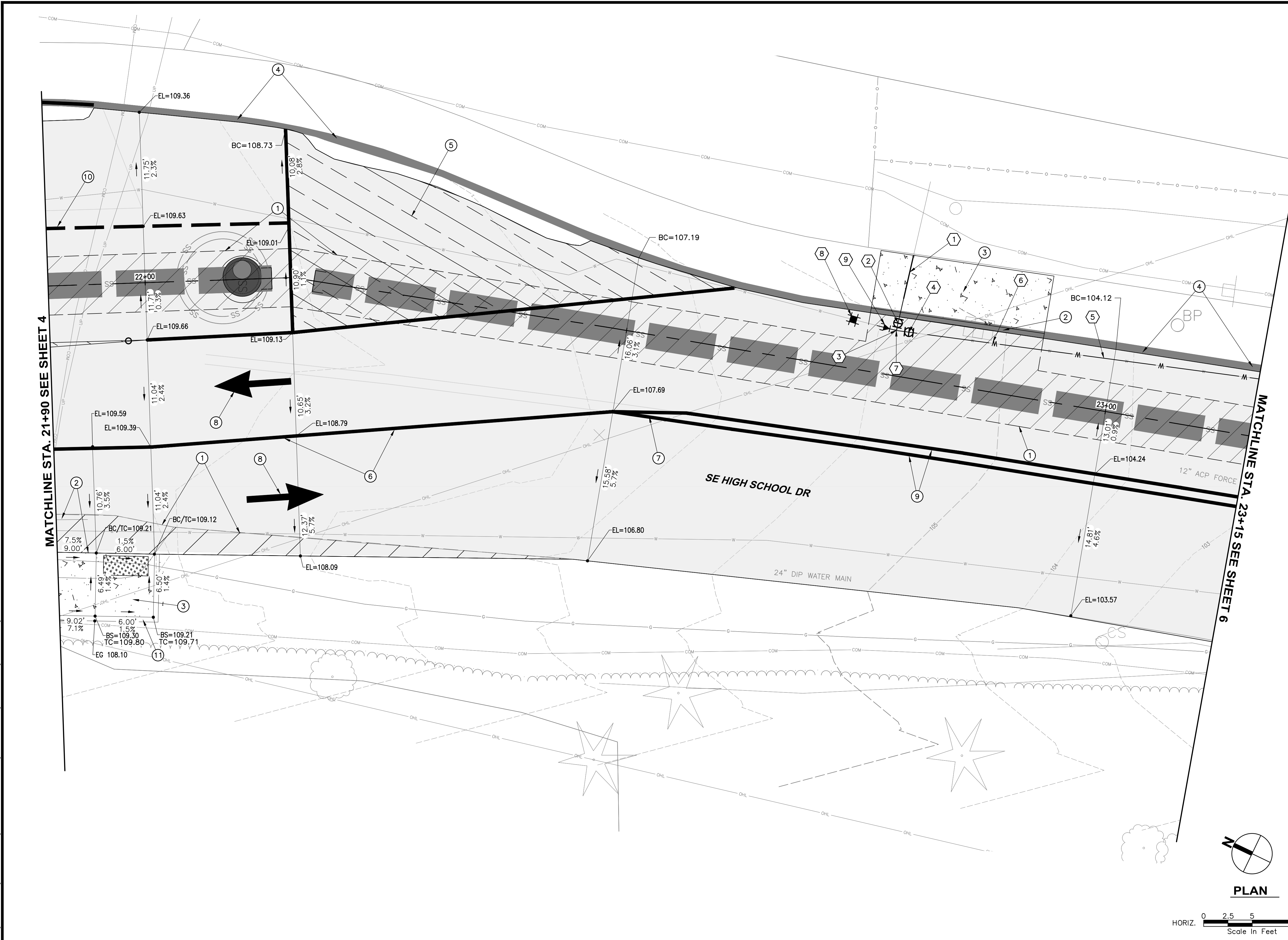
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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 20+65 TO 21+90**

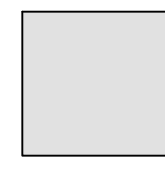
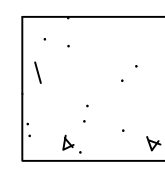
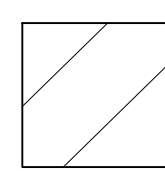
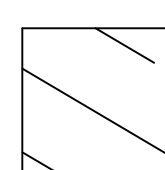
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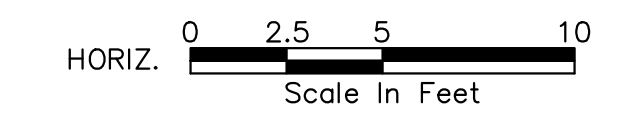
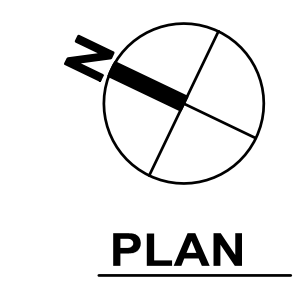
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 USER: JON WELLS  
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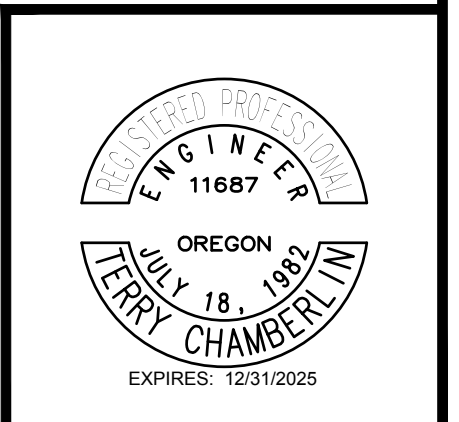
- # ROADWAY NOTES**
1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
  2. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
  3. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
  4. PROTECT EXISTING CURB/CURB & GUTTER
  5. INSTALL YELLOW EDGE LINE AND DIAGONAL YELLOW CROSSHATCH MARKINGS
  6. INSTALL SINGLE SOLID YELLOW LANE LINE PAVEMENT MARKING PER ODOT DETAIL TM500-Y
  7. TRANSITION FROM DOUBLE SOLID YELLOW LINES TO SINGLE YELLOW LANE LINE PAVEMENT MARKING
  8. INSTALL WHITE DIRECTIONAL ARROW PER ODOT DETAIL TM501-SA
  9. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
  10. INSTALL 4" WHITE DOTTED LANE LINE PER ODOT DETAIL TM500-DLL
  11. INSTALL NEW CONCRETE CURB

- # WATER LINE NOTES**
1. INSTALL 10' OF NEW 8" HDPE PIPE, CONNECT TO EXISTING 8" AC WATER LINE WITH HDPE TO AC ADAPTOR
  2. INSTALL 8"FL x MJ GATE VALVE ON HDPE PIPE
  3. INSTALL 8"FL x 8"FL x 8"FL HDPE TEE
  4. INSTALL 8"FL x MJ GATE VALVE ON HDPE PIPE
  5. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING
  6. EXCAVATE AND BACKFILL BORE PIT TO ACCOMMODATE PIPE BURSTING
  7. INSTALL THRUST BLOCK
  8. INSTALL 12" AC TO 12" HDPE COUPLING
  9. INSTALL 12" MJ x 8"FL REDUCER

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2". INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH
-  NEW PAVEMENT STRIPPING YELLOW, 4" WIDE, 3.0' OC SPACING



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 SCALE: AS SHOWN

**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 21+90 TO 23+15**

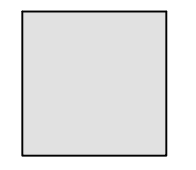
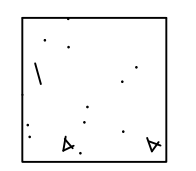
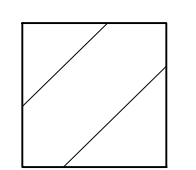
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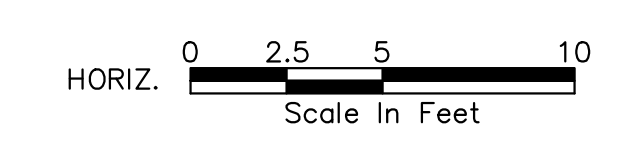
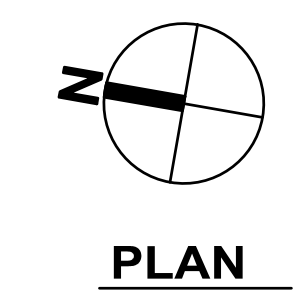
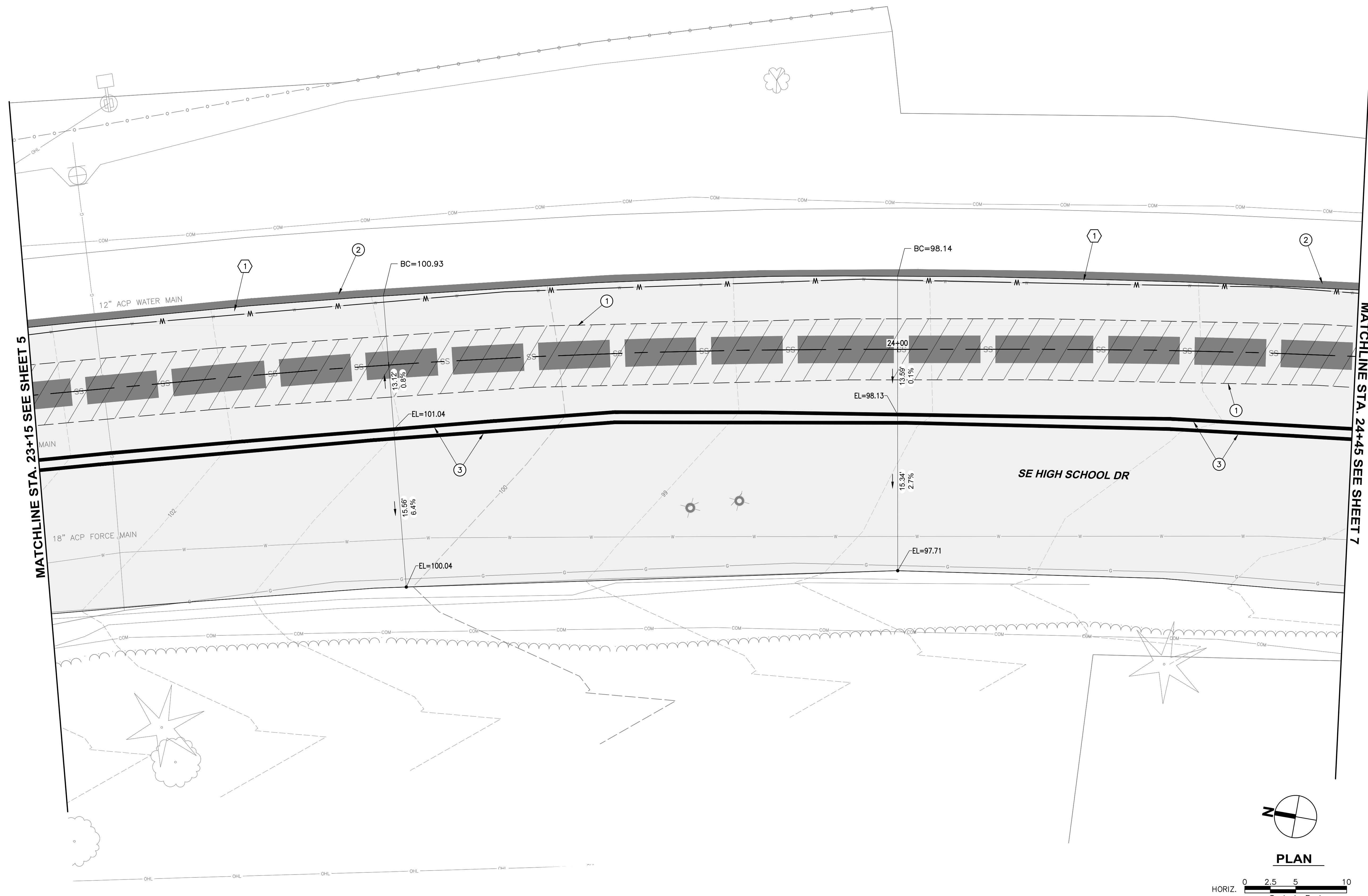
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER DETAIL ODOT TM500-ND

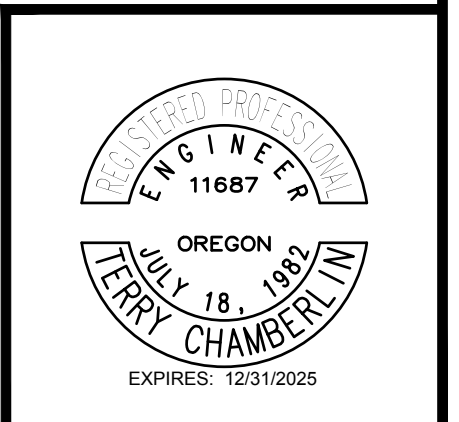
**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2". INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



**811**  
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FILE NAME: P:\00\19\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\SHEETS\PHASE 2\1919881\_ADA-2.DWG  
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 XREF FILES: X:\19881\_SSDwg\1919881\_SITE.dwg X:\19881\_TB\_PHASE 2\_ADA.dwg X:\19881\_PROF.dwg X:\19881\_SRV.dwg X:\19881\_ADA.dwg

DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYMBOL		REVISION	DATE	BY	APP'D



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 SCALE: **AS SHOWN**

**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 23+15 TO 24+45

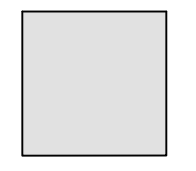
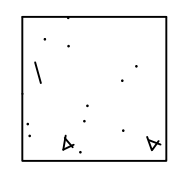
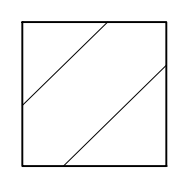
PACE PROJECT NO. **19881**  
 DWG NAME: P19881\_ADA-2  
 SHEET **RW6** OF **33**

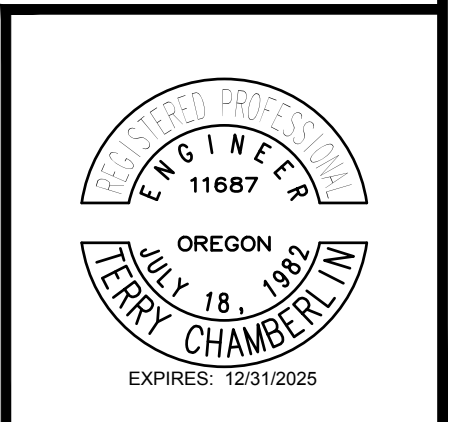
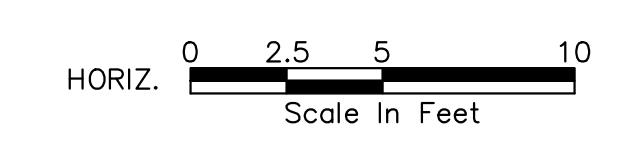
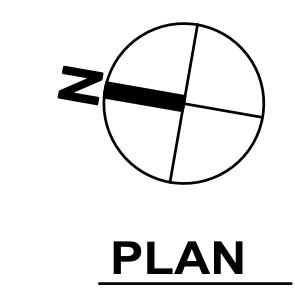
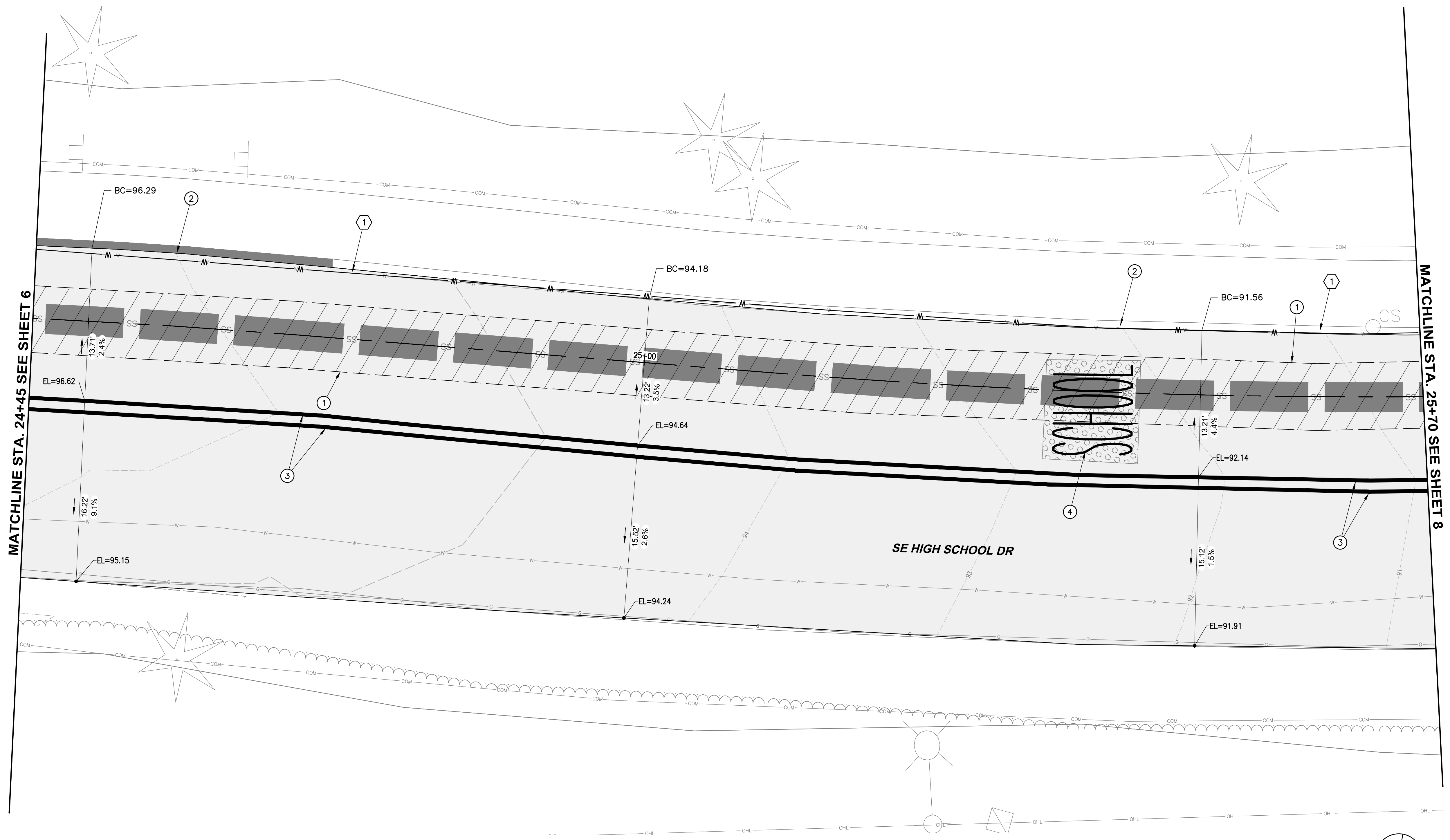
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
4. INSTALL WHITE "SCHOOL" PAVEMENT MARKINGS PER ODOT DETAIL TM503-SCH

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



FILE NAME: P:\00\19\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\SHEETS\PHASE 2\1919881\_ADA-2.DWG  
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 PLOT TIME: 10/23/2024 3:44 PM  
 XREF FILES: X:\19881\_SIT.dwg X:\19881\_TB\_PHASE 2\_ADA.dwg X:\19881\_PROF.dwg X:\19881\_SRV.dwg X:\19881\_ADA.dwg

DESIGNED	JDN				
DRAWN	BRM				
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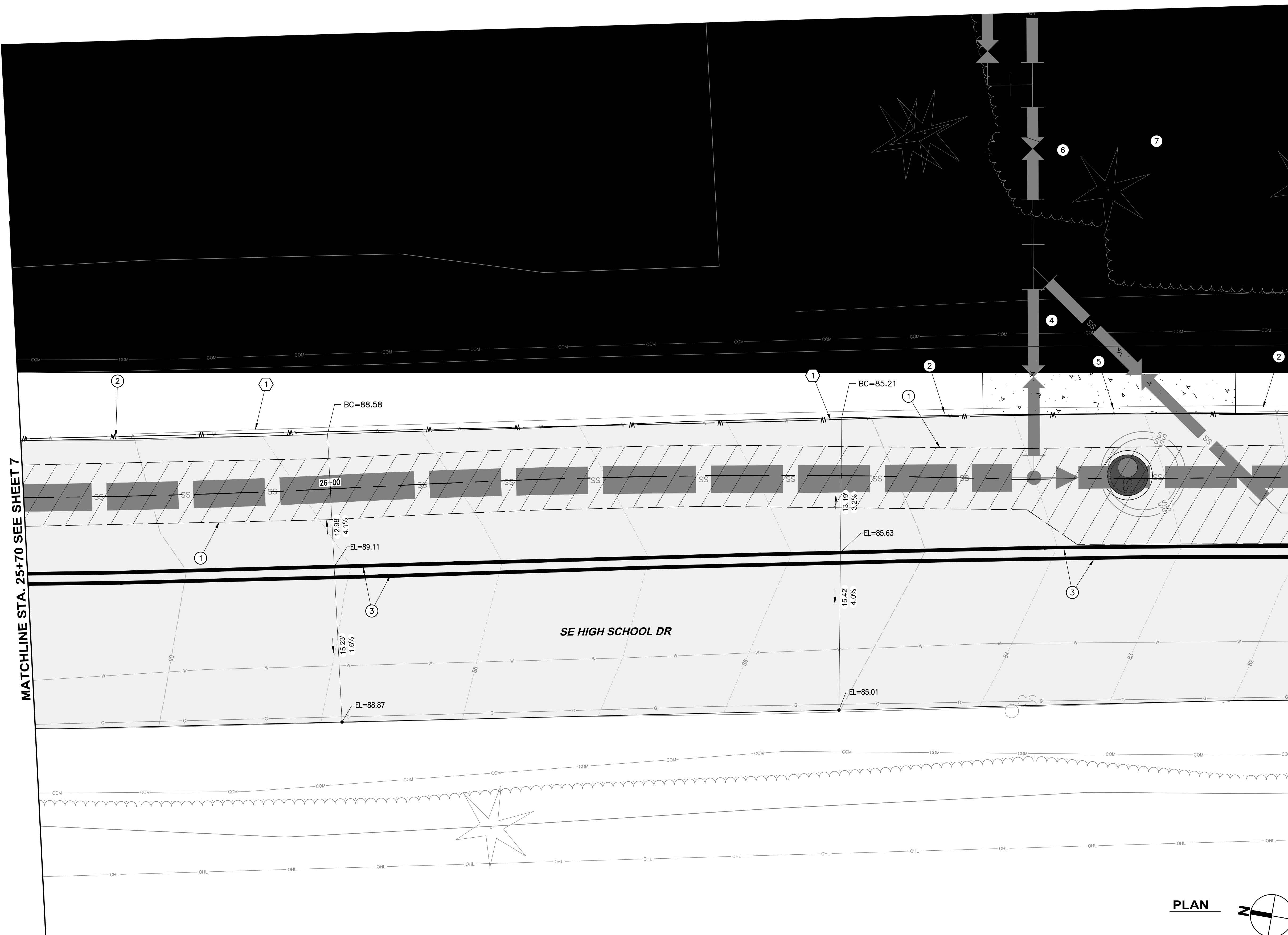
**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
**ROADWAY DRAWING**  
**STA 24+45 TO 25+70**

PACE PROJECT NO. **19881**  
 DWG NAME: P19881\_ADA-2  
 SHEET **RW7** OF **33**

FILE NAME: P:\2024\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\19881\_ADA-2.DWG  
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MATCHLINE STA. 25+70 SEE SHEET 7

MATCHLINE STA. 26+95 SEE SHEET 9

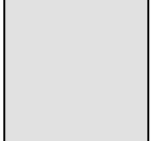
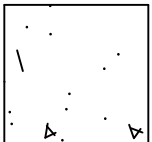
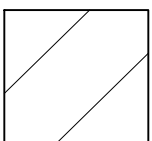


**# ROADWAY NOTES**

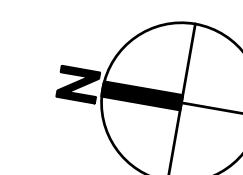
1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
4. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES.
5. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES.
6. PERFORM RESTORATION AS REQUIRED.
7. REMOVE EXISTING TREE AND STUMP.

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH

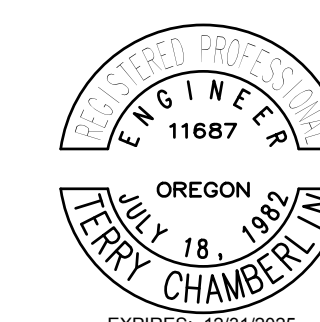
PLAN



HORIZ.   
Scale In Feet




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DRAWN	BRM				
CHECKED	ARW				
SYM		REVISION	DATE	BY	APP'D

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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 25+70 TO 26+95

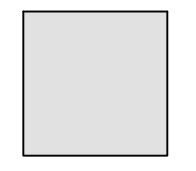
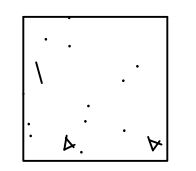
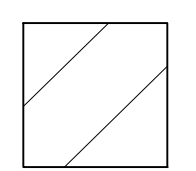
PACE PROJECT NO. **19881**  
 DWG NAME: P19881\_ADA-2  
 SHEET **RW8** OF **33**

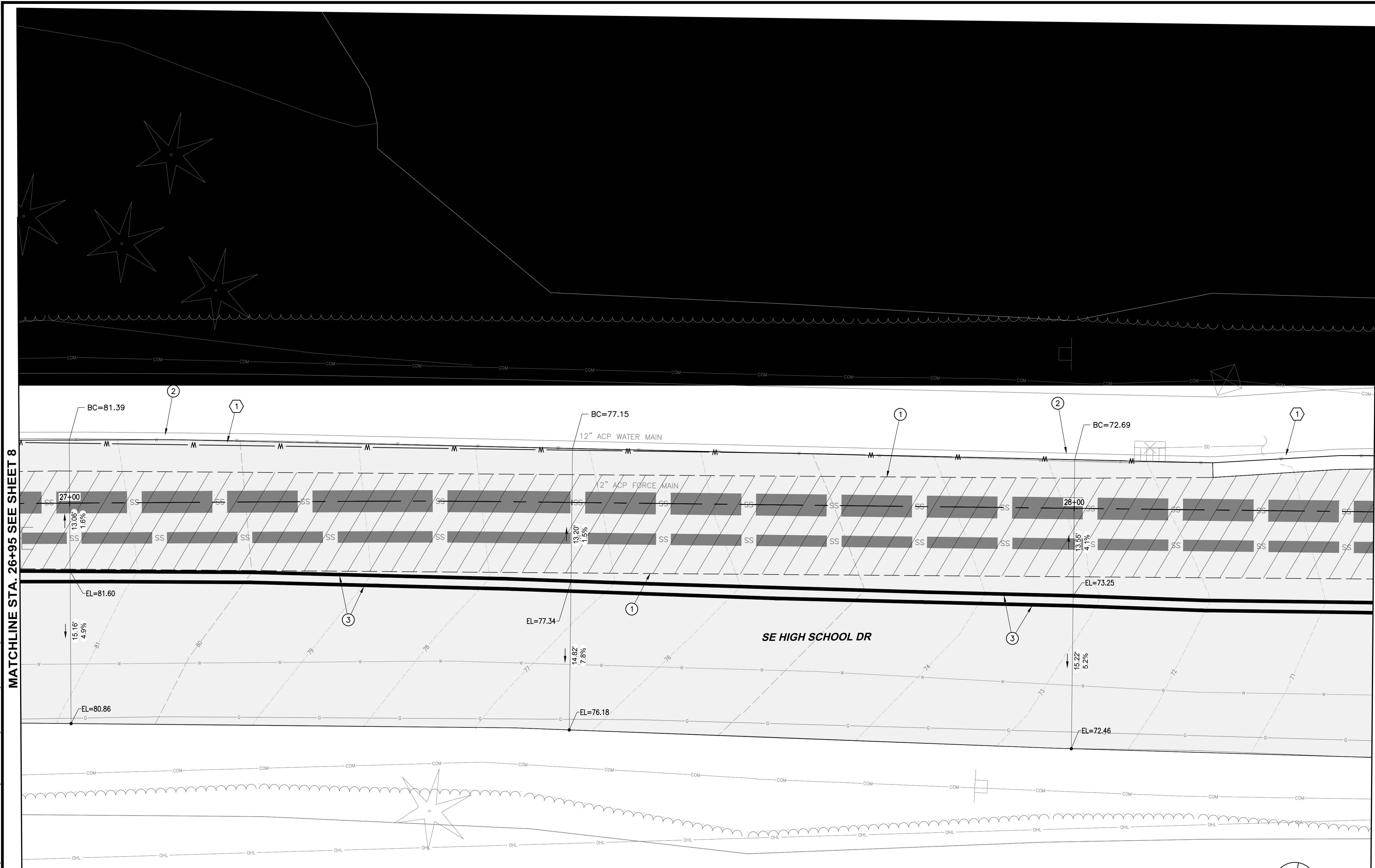
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND

**# WATER LINE NOTES**

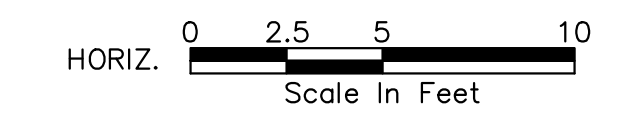
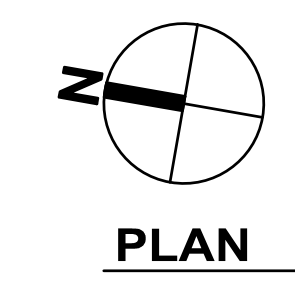
1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2". INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



MATCHLINE STA. 26+95 SEE SHEET 8

MATCHLINE STA. 28+30 SEE SHEET 10



FILE NAME: P:\00\19\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\19881\_ADA-2.DWG  
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DESIGNED	JDN				
DRAWN	BRM				
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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 26+95 TO 28+30

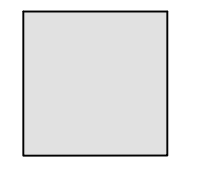
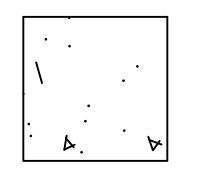
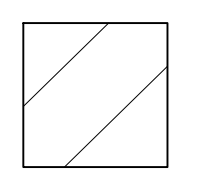
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 DWG NAME: P19881\_ADA-2  
 SHEET RW9 OF 33

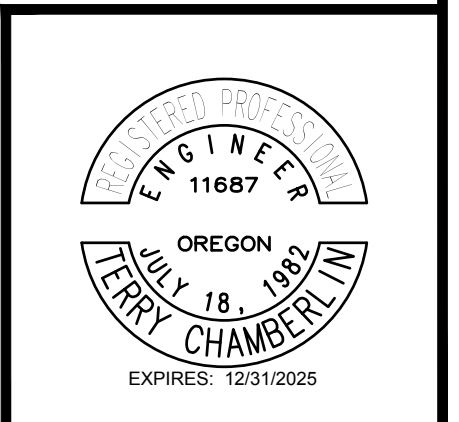
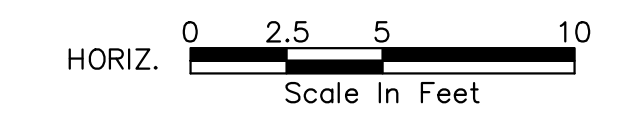
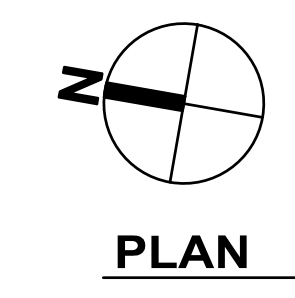
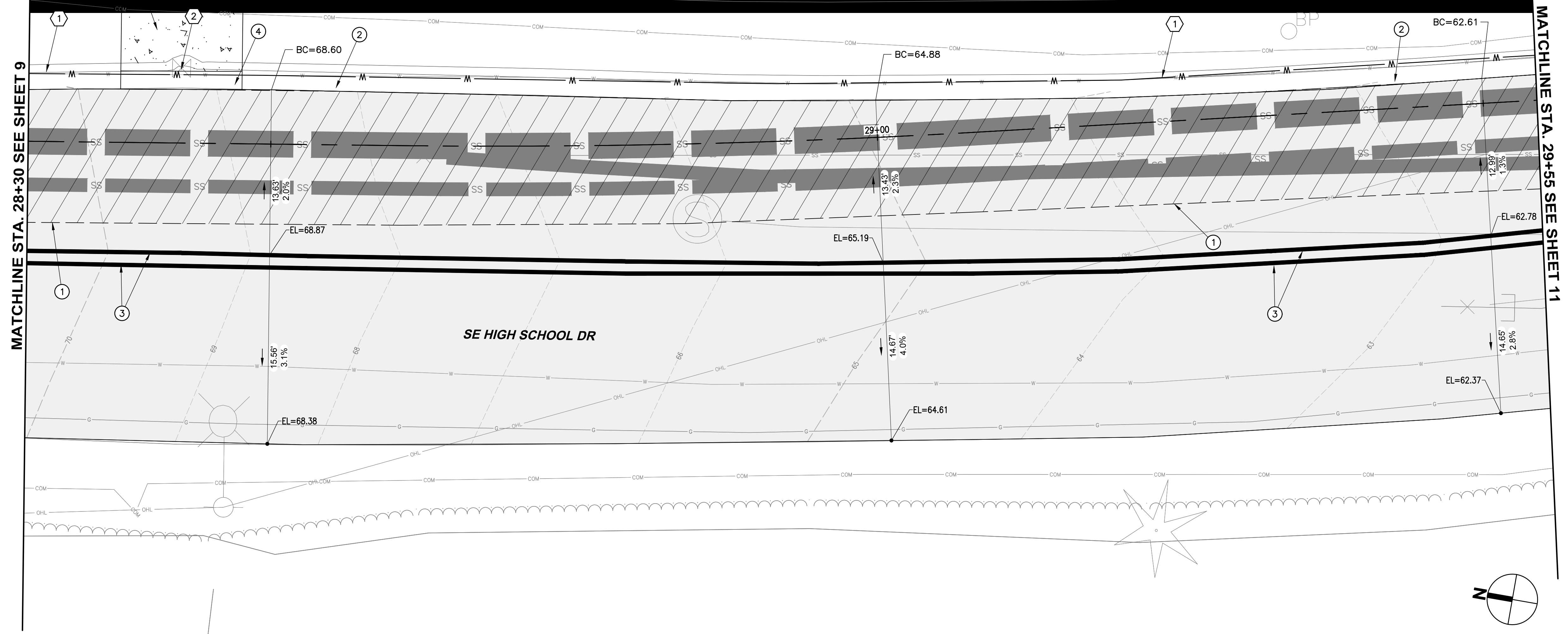
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
4. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
5. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING
2. REMOVE EXISTING 12" GATE VALVE

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



FILE NAME: P:\00\19\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\1919881\_ADA-2.DWG  
 USER: JONAS WELLS  
 PLOT TIME: 10/23/2024 3:44 PM  
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DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
	SYM	REVISION	DATE	BY	APP'D



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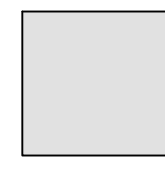
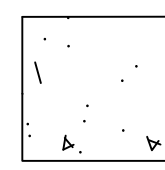
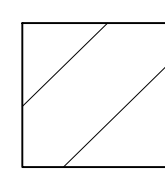
DATE: 09/17/2024  
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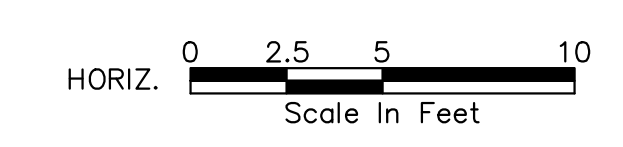
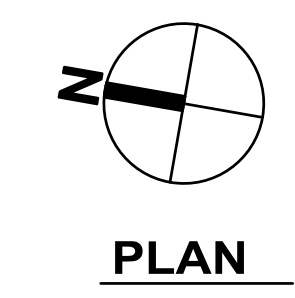
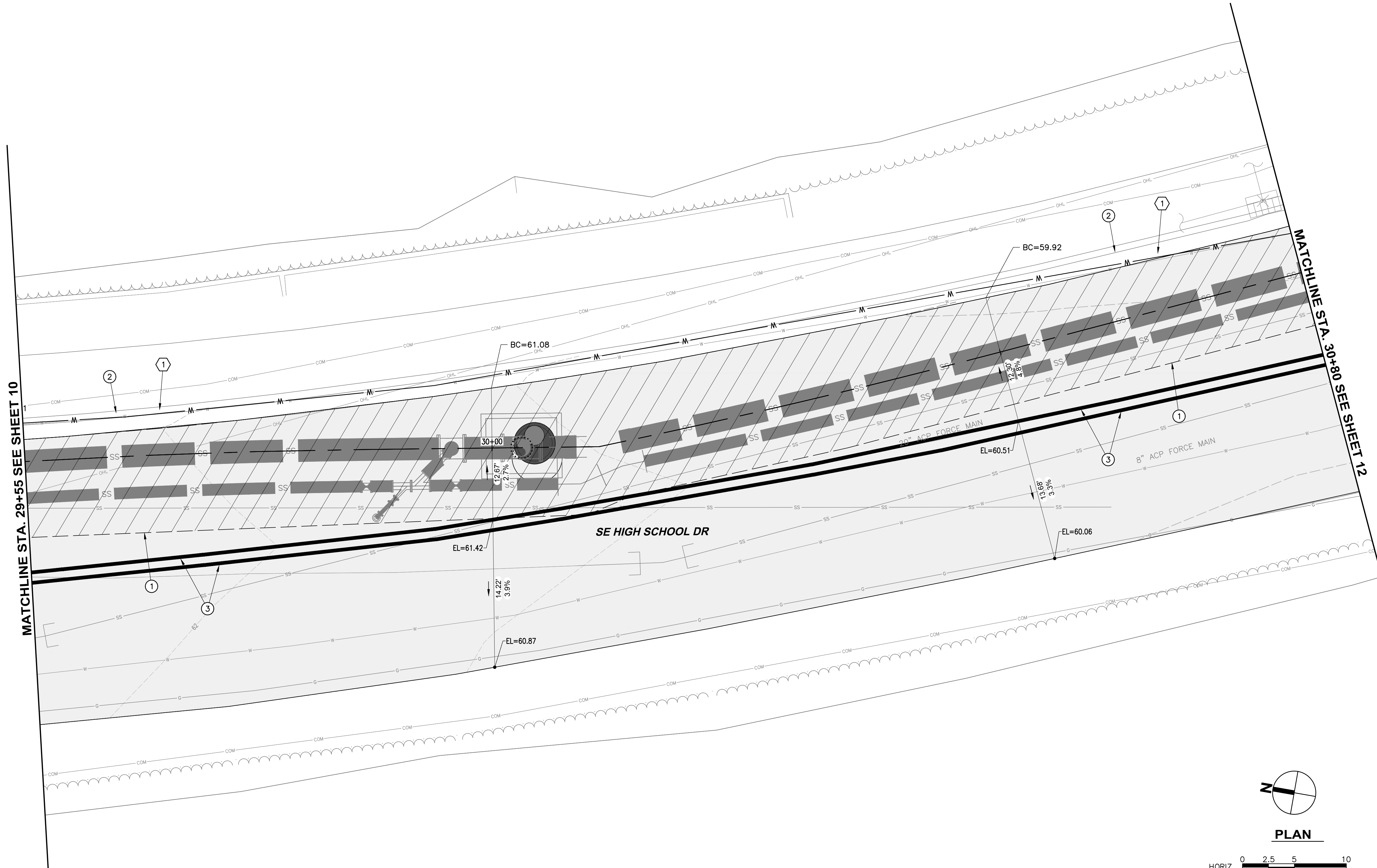
**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 28+30 TO 29+55

PACE PROJECT NO. 19881  
 DWG NAME: P19881\_ADA-2  
 SHEET RW10 OF 33

- # ROADWAY NOTES**
- SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
  - PROTECT EXISTING CURB/CURB & GUTTER
  - INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND

- # WATER LINE NOTES**
- REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH




FILE NAME: P:\00\19\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS CAD\ENGINEERING\SHEETS\PHASE 2\19881\_ADA-3.DWG  
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DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYMBOL		REVISION	DATE	BY	APP'D



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 STA 29+55 TO 30+80

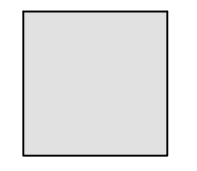
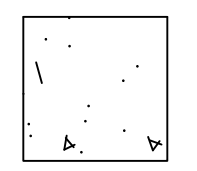
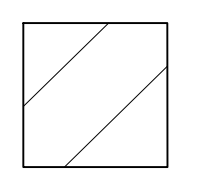
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 SHEET **RW11** OF **33**

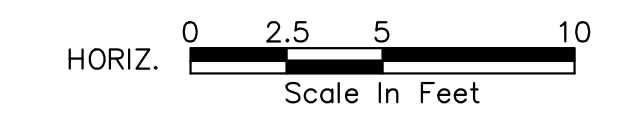
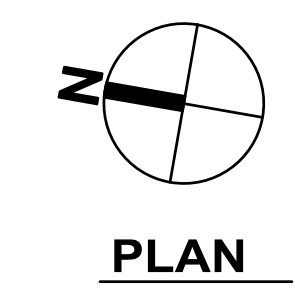
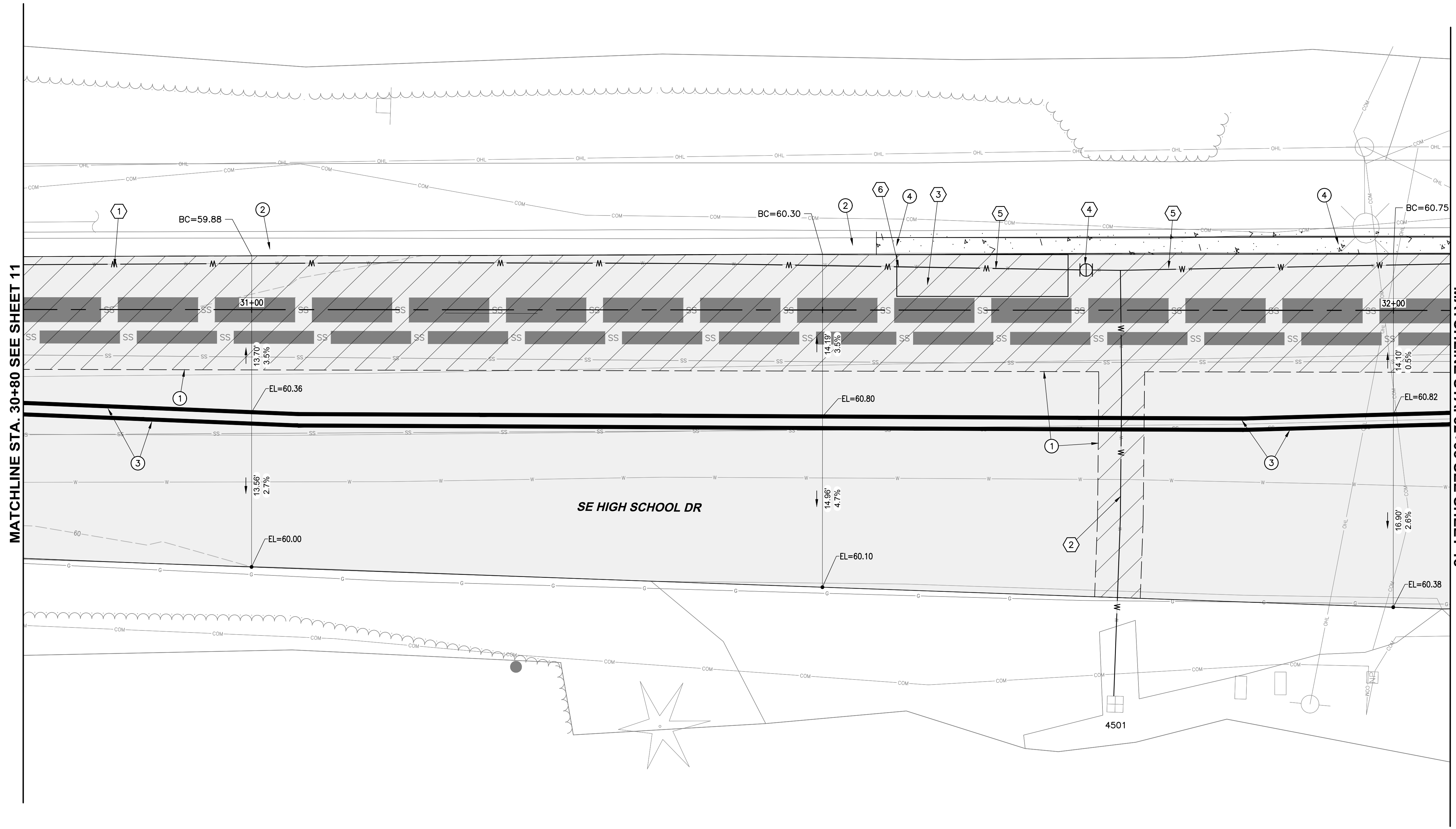
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
4. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" HDPE SOLID WELD PIPE BY PIPE BURSTING
2. REPLACE EXISTING WATER SERVICE WITH 1" POLY SERVICE, REUSE EXISTING WATER METER PER LINCOLN CITY DETAIL 510
3. EXCAVATE AND BACKFILL BORE PIT TO ACCOMMODATE PIPE BURSTING
4. INSTALL NEW 8" MJ GATE VALVE ON NEW C-900 PIPE
5. REPLACE EXISTING 12" AC WATER MAIN WITH 8" PVC C-900 PIPE, CONTRACTOR RESPONSIBLE FOR ENVIRONMENTAL REMEDIATION WHEN DEMOLISHING THE EXISTING 12" AC WATER LINE.
6. INSTALL 8" C900 TO 8" HDPE ADAPTER AND BEGIN PIPE BURSTING.

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



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 PLOT TIME: 10/23/2024 3:45 PM  
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DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYM		REVISION	DATE	BY	APP'D



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 4500 Kruse Way, Suite 250  
 Lake Oswego, OR 97035  
 p. 503.597.3222  
 www.paceengrs.com



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 LINCOLN CITY, OREGON 97367  
 PHONE: 541-996-2154  
 WWW.LINCOLNCITY.ORG

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DATE: 09/17/2024  
 SCALE: AS SHOWN

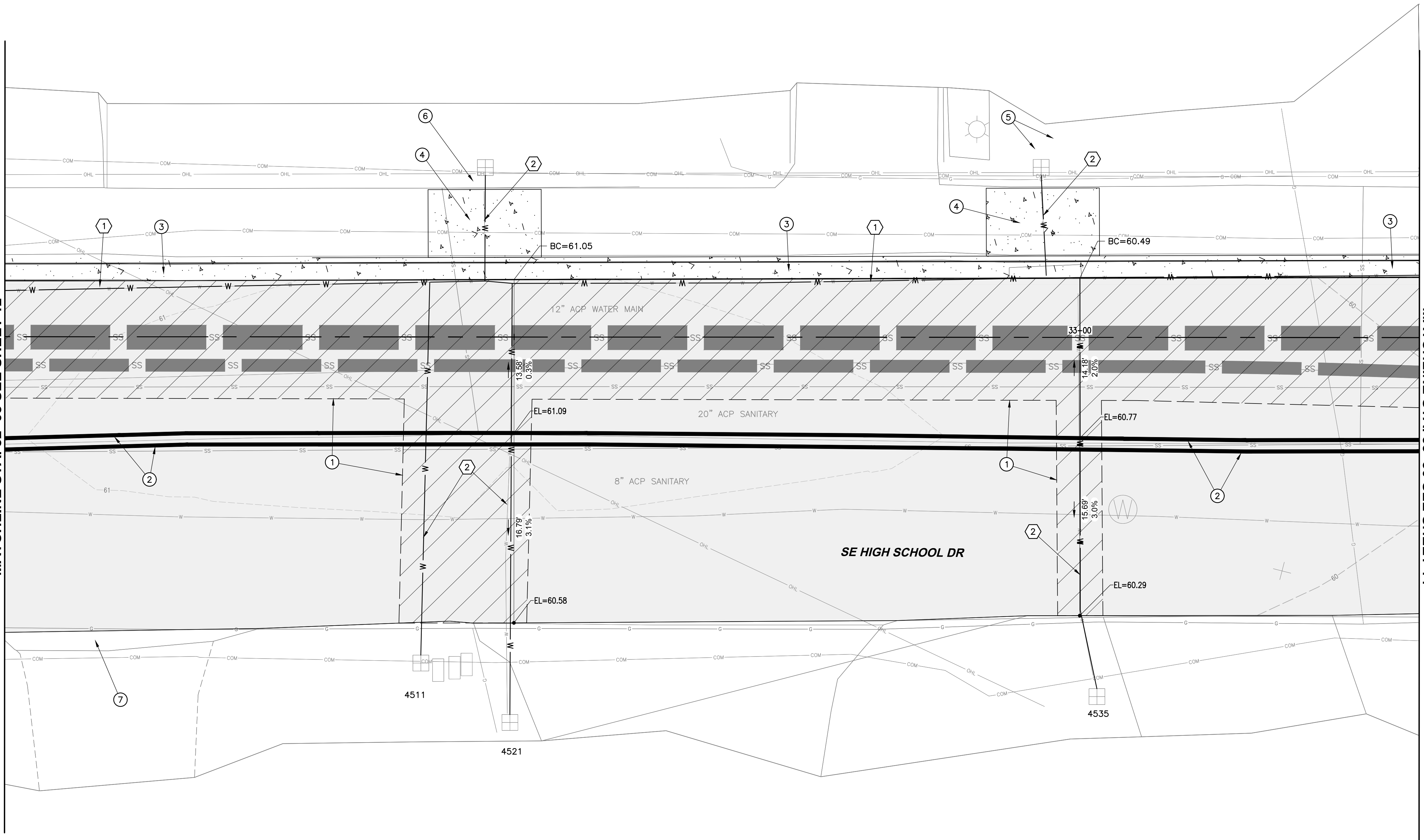
**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
 ROADWAY DRAWING  
 STA 30+80 TO 32+05

PACE PROJECT NO. 19881  
 DWG NAME: P19881\_ADA-3  
 SHEET RW12 OF 33

FILE NAME: P:\2024\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\SHEETS\PHASE 2\19881\_ADA-3.DWG  
 USER NAME: JONAS WELTER  
 XREF FILES: X:\19881\_SSR.dwg X:\19881\_TB.dwg X:\19881\_PROF.dwg X:\19881\_SRV.dwg X:\19881\_ADA.dwg

MATCHLINE STA. 32+05 SEE SHEET 12

MATCHLINE STA. 33+30 SEE SHEET 14

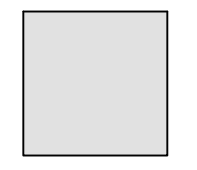
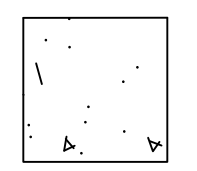
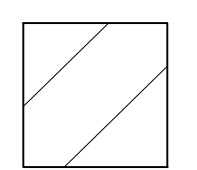


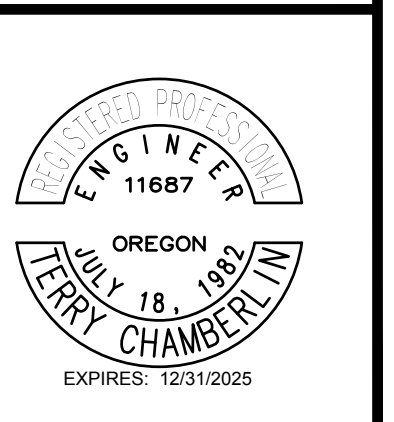
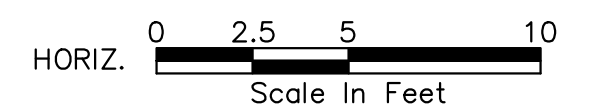
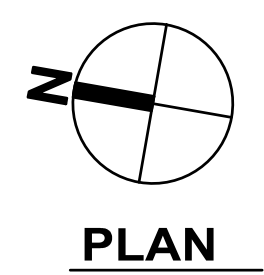
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
3. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
4. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
5. TRIM SHRUBS TO ACCOMMODATE WATER LINE/ SIDEWALK WORK, PLACE BARK-DUST OVER DISTURBED AREAS
6. RESTORE CONCRETE PAVERS
7. CONNECT TO EXISTING DRIVEWAY PER LINCOLN CITY DETAIL 440

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" PVC C-900 PIPE, CONTRACTOR RESPONSIBLE FOR ENVIRONMENTAL REMEDIATION WHEN DEMOLISHING THE EXISTING 12" AC WATER LINE.
2. REPLACE EXISTING WATER SERVICE WITH 1" POLY SERVICE, REUSE EXISTING WATER METER PER LINCOLN CITY DETAIL 510

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYMBOL		REVISION	DATE	BY	APP'D

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 WWW.LINCOLNCITY.ORG

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DATE: 09/17/2024  
 SCALE: AS SHOWN

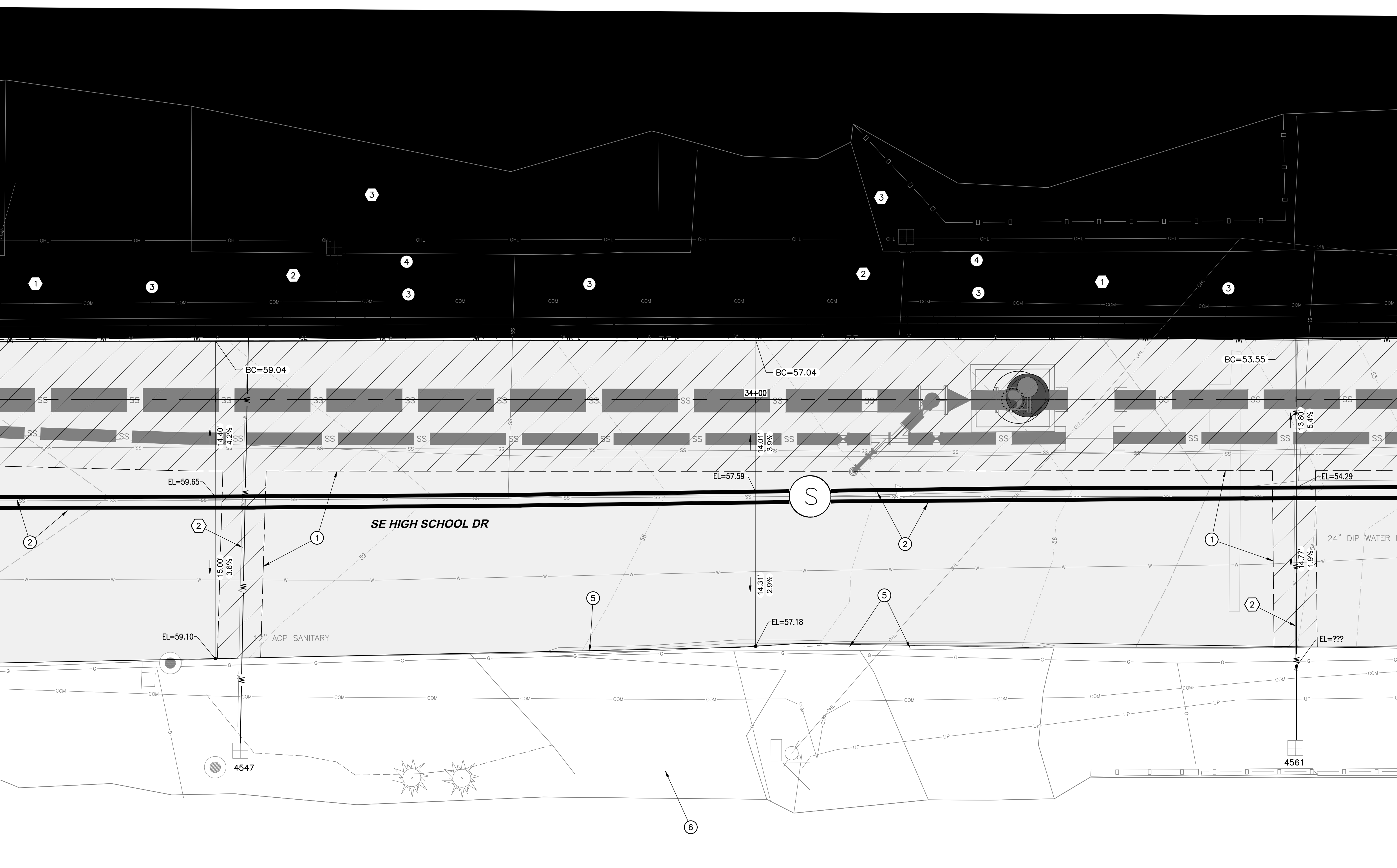
**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY IMPROVEMENT STA 32+05 TO 33+30**

PACE PROJECT NO. **19881**  
 DWG NAME: P19881\_ADA-3  
 SHEET **RW13** OF **33**

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MATCHLINE STA. 33+30 SEE SHEET 13

MATCHLINE STA. 34+60 SEE SHEET 15

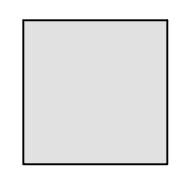
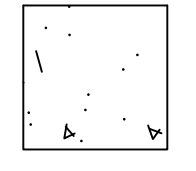
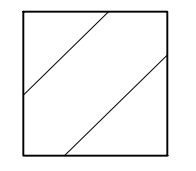


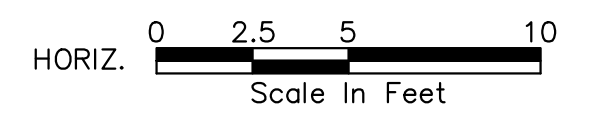
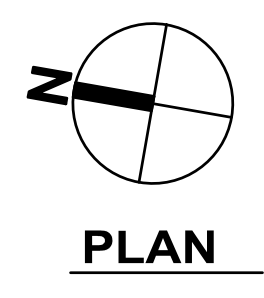
**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
3. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
4. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
5. REPLACE AC BERM
6. EXISTING CONCRETE DRIVEWAY

**# WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" PVC C-900 PIPE, CONTRACTOR RESPONSIBLE FOR ENVIRONMENTAL REMEDIATION WHEN DEMOLISHING THE EXISTING 12" AC WATER LINE.
2. REPLACE EXISTING WATER SERVICE WITH 1" POLY SERVICE, REUSE EXISTING WATER METER PER LINCOLN CITY DETAIL 510
3. MOVE EXISTING WATER METER TO SIDEWALK PER LINCOLN CITY DETAIL 515

-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH



DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYM		REVISION	DATE	BY	APP'D

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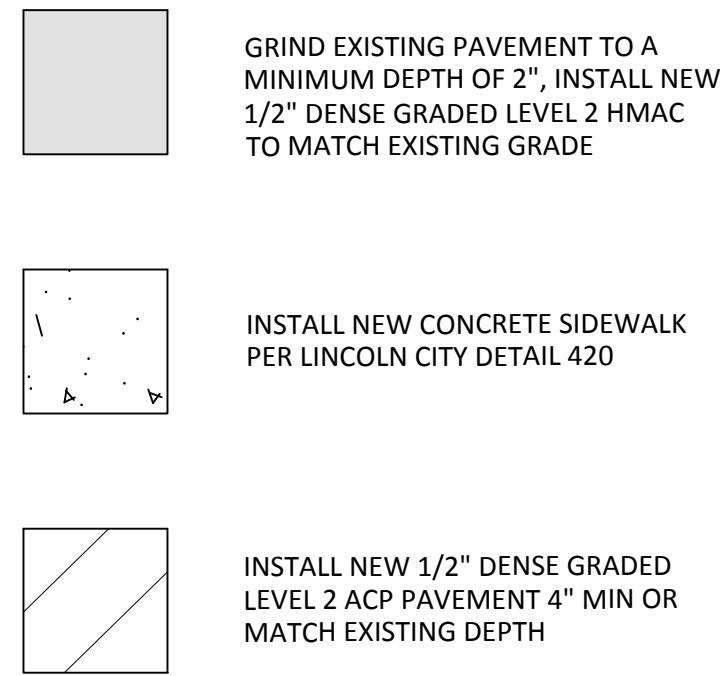
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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 33+30 TO 34+60**

PACE PROJECT NO. 19881  
 DWG NAME: P19881\_ADA-3  
 SHEET RW14 OF 33

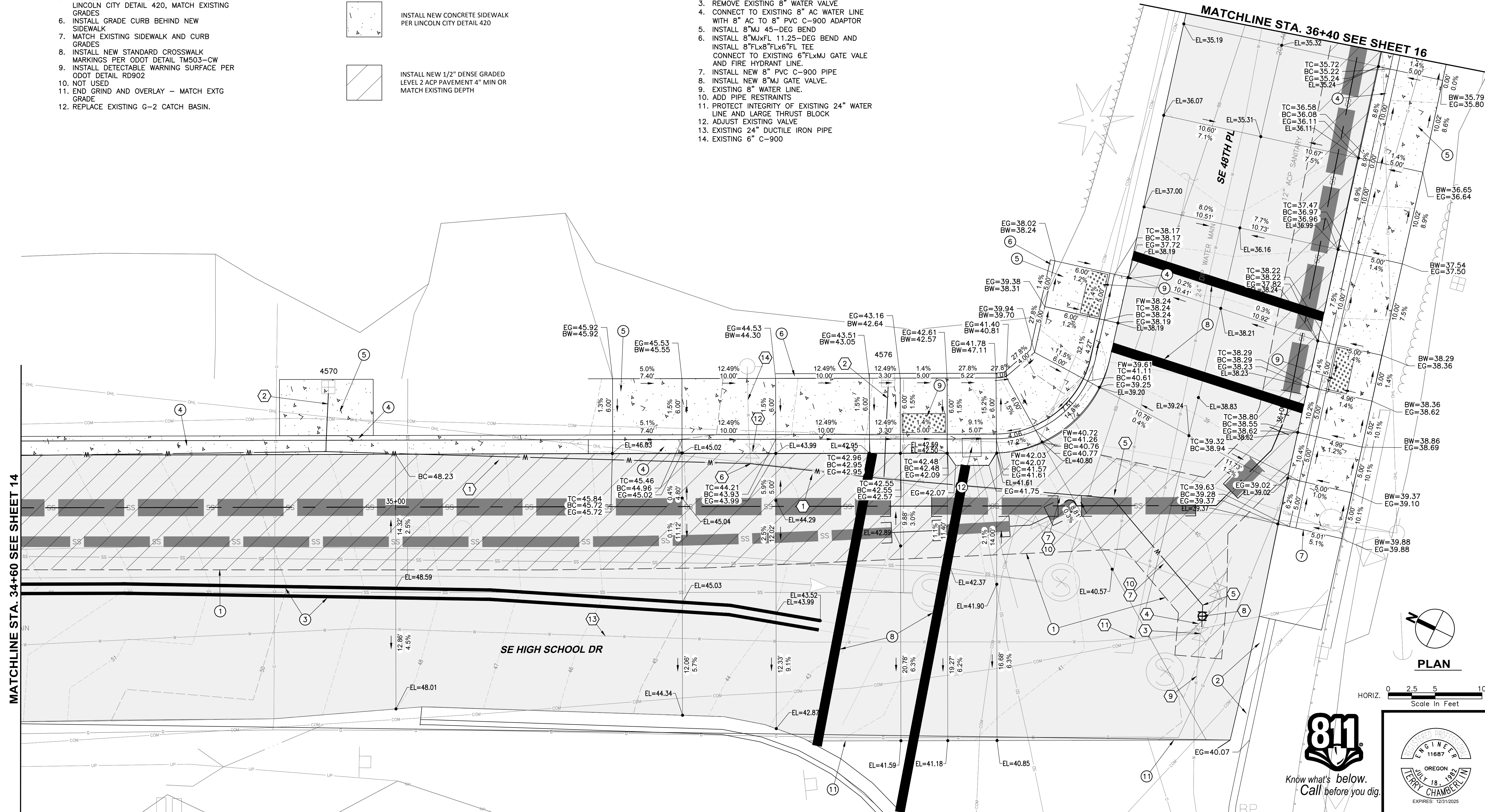
**ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/ CURB & GUTTER
3. INSTALL SOLID DOUBLE YELLOW LANE LINES PAVEMENT MARKING PER ODOT DETAIL TM500-ND
4. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
5. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
6. INSTALL GRADE CURB BEHIND NEW SIDEWALK
7. MATCH EXISTING SIDEWALK AND CURB GRADES
8. INSTALL NEW STANDARD CROSSWALK MARKINGS PER ODOT DETAIL TM503-CW
9. INSTALL DETECTABLE WARNING SURFACE PER ODOT DETAIL RD902
10. NOT USED
11. END GRIND AND OVERLAY - MATCH EXTG GRADE
12. REPLACE EXISTING G-2 CATCH BASIN.



**WATER LINE NOTES**

1. REPLACE EXISTING 12" AC WATER MAIN WITH 8" PVC C-900 PIPE, CONTRACTOR RESPONSIBLE FOR ENVIRONMENTAL REMEDIATION WHEN DEMOLISHING THE EXISTING 12" AC WATER LINE
2. REPLACE EXISTING WATER SERVICE WITH 1" POLY SERVICE, REUSE EXISTING WATER METER PER LINCOLN CITY DETAIL 515
3. REMOVE EXISTING 8" WATER VALVE
4. CONNECT TO EXISTING 8" AC WATER LINE WITH 8" AC TO 8" PVC C-900 ADAPTOR
5. INSTALL 8" MJ 45-DEG BEND AND INSTALL 8" FLx8" FLx6" FL TEE CONNECT TO EXISTING 6" FLxMJ GATE VALE AND FIRE HYDRANT LINE.
7. INSTALL NEW 8" PVC C-900 PIPE
8. INSTALL NEW 8" MJ GATE VALVE.
9. EXISTING 8" WATER LINE.
10. ADD PIPE RESTRAINTS
11. PROTECT INTEGRITY OF EXISTING 24" WATER LINE AND LARGE THRUST BLOCK
12. ADJUST EXISTING VALVE
13. EXISTING 24" DUCTILE IRON PIPE
14. EXISTING 6" C-900



FILE NAME: P:\PROJECTS\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\PI19881\_ADA-4.DWG  
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DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYMBOL		REVISION	DATE	BY	APP'D

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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 34+60 TO 36+40**

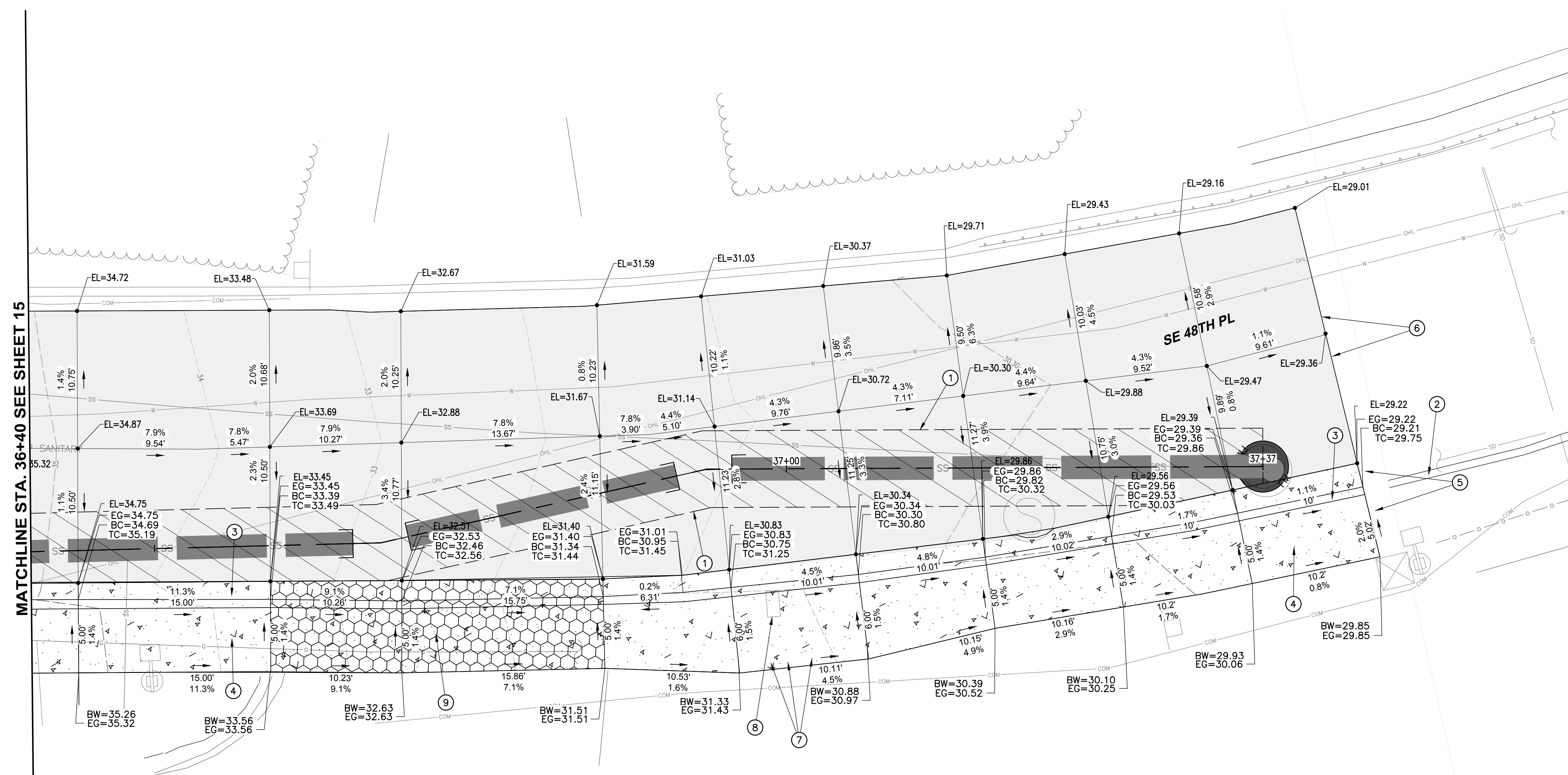
**81**  
 Know what's below. Call before you dig.



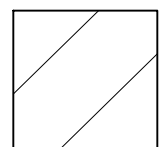
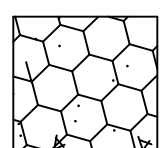
**PROFESSIONAL ENGINEER**  
 11687  
 OREGON JULY 18, 1989  
 TERRY CHAMBERLIN  
 EXPIRES: 12/31/2025

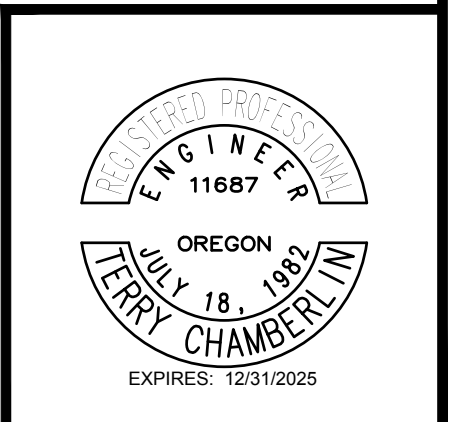
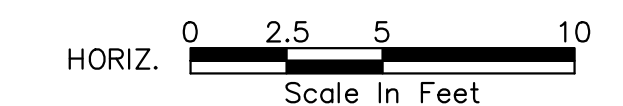
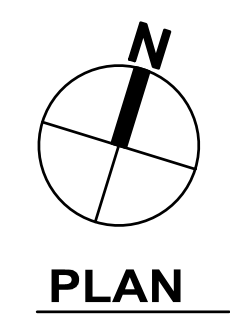
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 DWG NAME: P19881\_ADA-4  
 SHEET RW15 OF 33

**# ROADWAY NOTES**

1. SAWCUT EXISTING HMAC PAVEMENT TO FULL DEPTH (TYP)
2. PROTECT EXISTING CURB/ CURB & GUTTER
3. REMOVE AND REINSTALL CONCRETE CURB AND GUTTER PER ODOT DETAIL RD700, MATCH EXISTING GRADES
4. INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420, MATCH EXISTING GRADES
5. MATCH EXISTING SIDEWALK AND CURB GRADES
6. EDGE OF OVERLAY - MATCH EXTG GRADE
7. REMOVE EXISTING TREES AND STUMPS
8. MOVE MAILBOX PER LINCOLN CITY DETAIL 410
9. CONNECT TO EXISTING DRIVEWAY PER LINCOLN CITY DETAIL 440



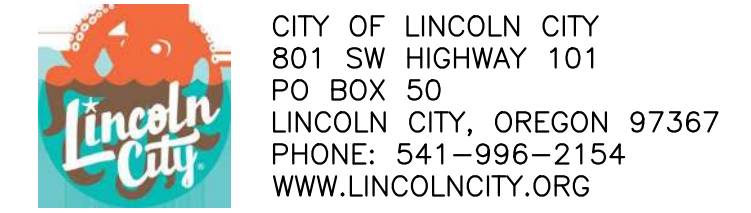
-  GRIND EXISTING PAVEMENT TO A MINIMUM DEPTH OF 2", INSTALL NEW 1/2" DENSE GRADED LEVEL 2 HMAC TO MATCH EXISTING GRADE
-  INSTALL NEW CONCRETE SIDEWALK PER LINCOLN CITY DETAIL 420
-  INSTALL NEW 1/2" DENSE GRADED LEVEL 2 ACP PAVEMENT 4" MIN OR MATCH EXISTING DEPTH
-  NEW RESIDENTIAL DRIVEWAY PER LINCOLN CITY DETAIL 440



FILE NAME: P:\PROJECTS\19881 - LINCOLN CITY - NELSCOTT FORCE & GRAVITY MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\19881\_ADA-4.DWG  
 USER: JONAS WELTER  
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MATCHLINE STA. 36+40 SEE SHEET 15

DESIGNED	JDN				
DRAWN	BRM				
CHECKED	ARW				
SYM		REVISION	DATE	BY	APP'D

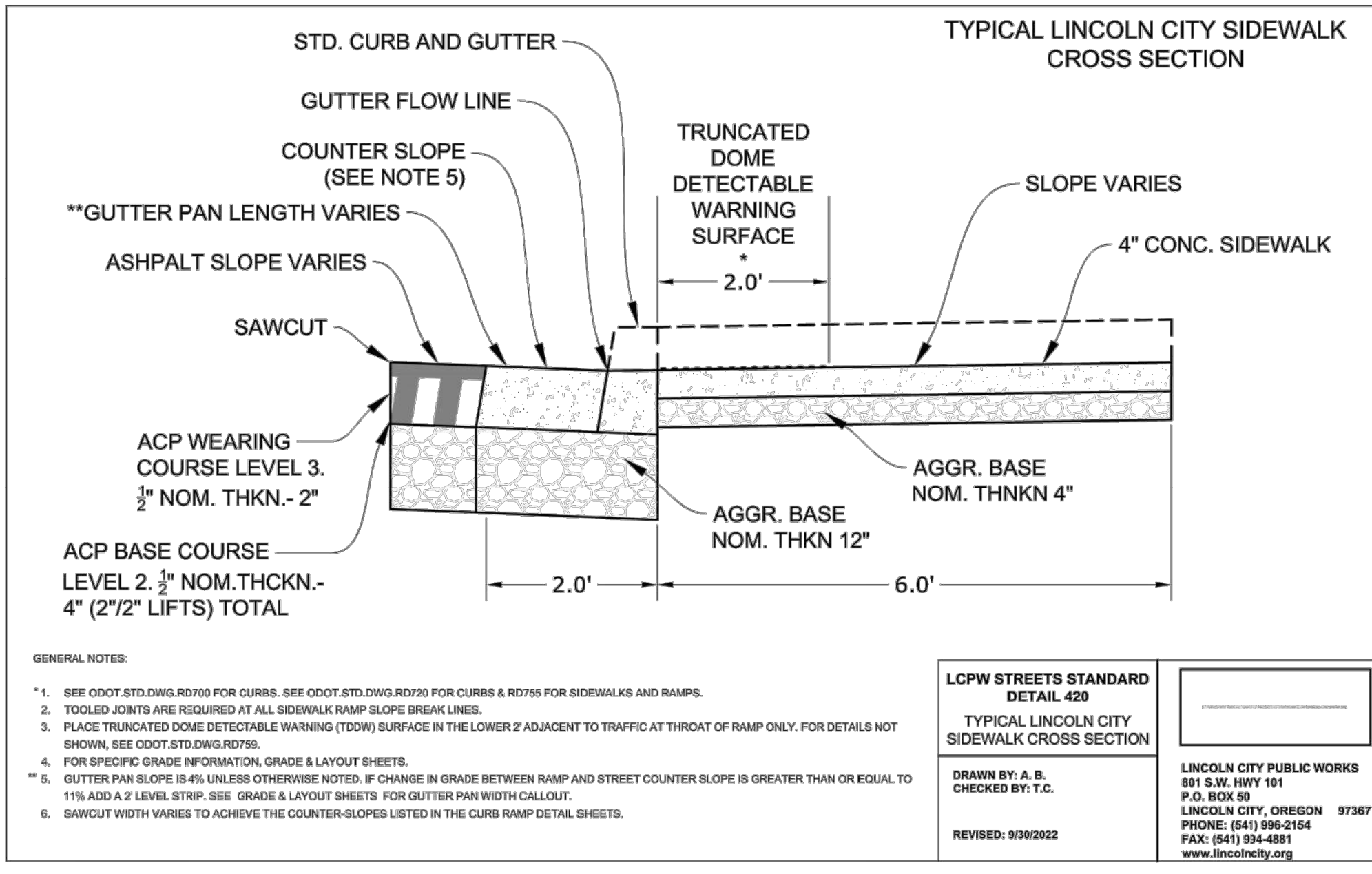


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DATE: 09/17/2024  
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**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DRAWING STA 36+40 TO 37+50**

PACE PROJECT NO. 19881  
 DWG NAME: P19881\_ADA-4  
 SHEET RW16 OF 33

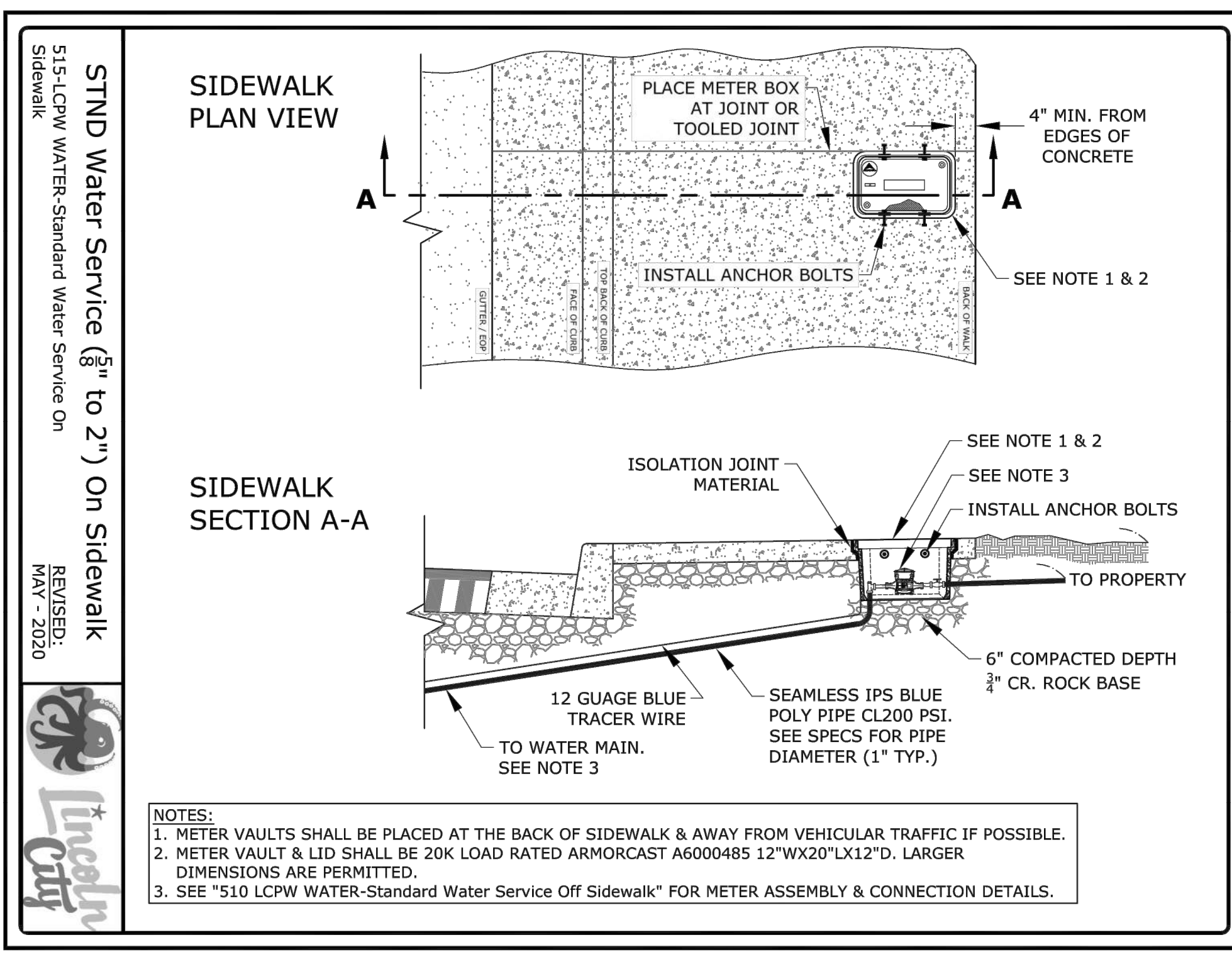


**GENERAL NOTES:**

- SEE ODOT STD. DWG. RD700 FOR CURBS. SEE ODOT STD. DWG. RD720 FOR CURBS & RD750 FOR SIDEWALKS AND RAMPS.
- TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP SLOPE BREAK LINES.
- PLACE TRUNCATED DOME DETECTABLE WARNING (TODW) SURFACE IN THE LOWER 2' ADJACENT TO TRAFFIC AT THROAT OF RAMP ONLY. FOR DETAILS NOT SHOWN, SEE ODOT STD. DWG. RD750.
- FOR SPECIFIC GRADE INFORMATION, GRADE & LAYOUT SHEETS.
- GUTTER PAN SLOPE IS 4% UNLESS OTHERWISE NOTED. IF CHANGE IN GRADE BETWEEN RAMP AND STREET COUNTER SLOPE IS GREATER THAN OR EQUAL TO 1% ADD A 2' LEVEL STRIP. SEE GRADE & LAYOUT SHEETS FOR GUTTER PAN WIDTH CALCULATIONS.
- SAWCUT WIDTH VARIES TO ACHIEVE THE COUNTER-SLOPES LISTED IN THE CURB RAMP DETAIL SHEETS.

**LCPW STREETS STANDARD DETAIL 420**  
TYPICAL LINCOLN CITY SIDEWALK CROSS SECTION  
DRAWN BY: A. B. CHECKED BY: T.C.  
REVISED: 9/30/2022

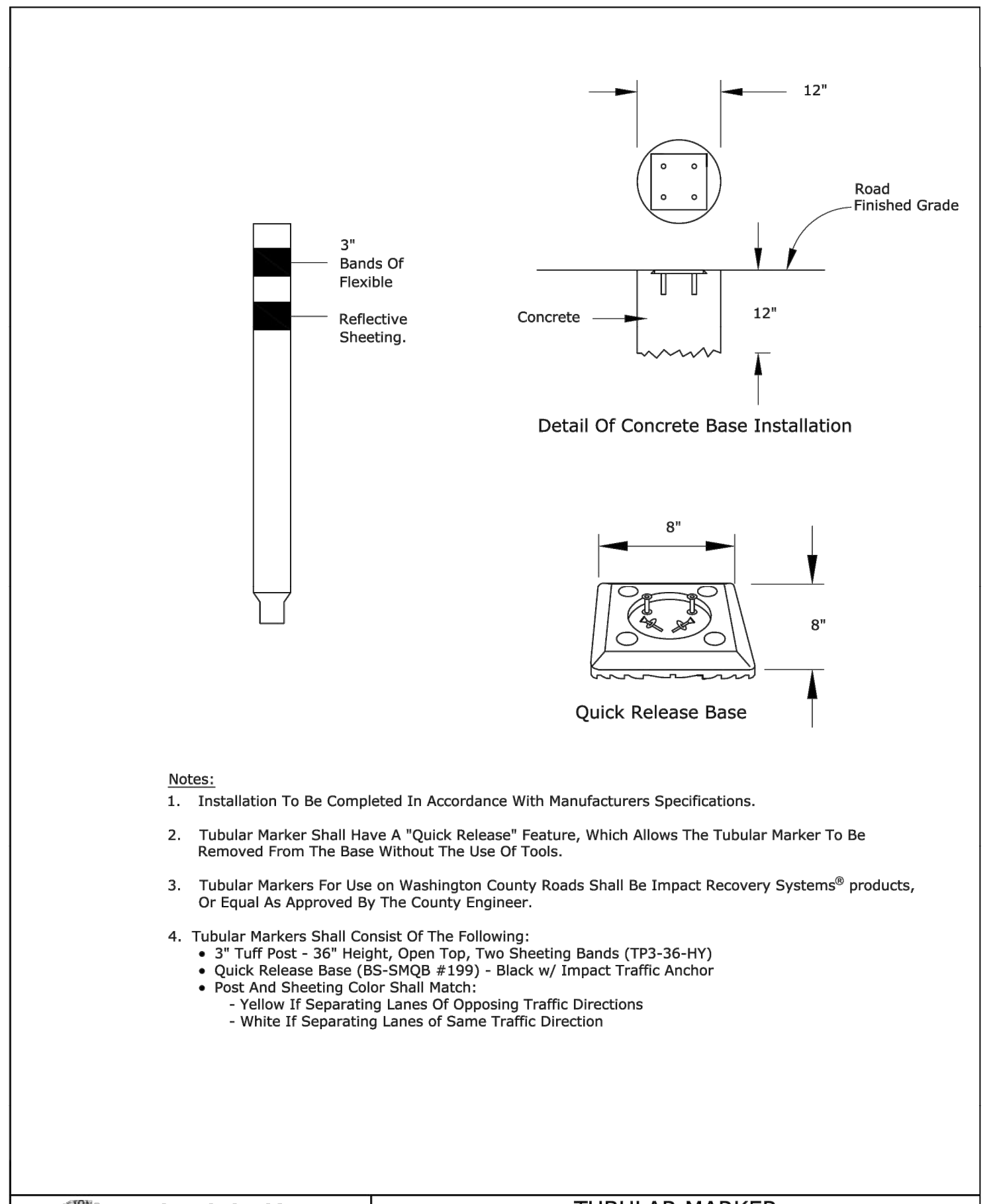
**LINCOLN CITY PUBLIC WORKS**  
801 S.W. HWY 101  
P.O. BOX 50  
LINCOLN CITY, OREGON 97367  
PHONE: (541) 996-2154  
FAX: (541) 994-4581  
www.lincolncity.org



**STND Water Service (3/8\"/>**

**NOTES:**

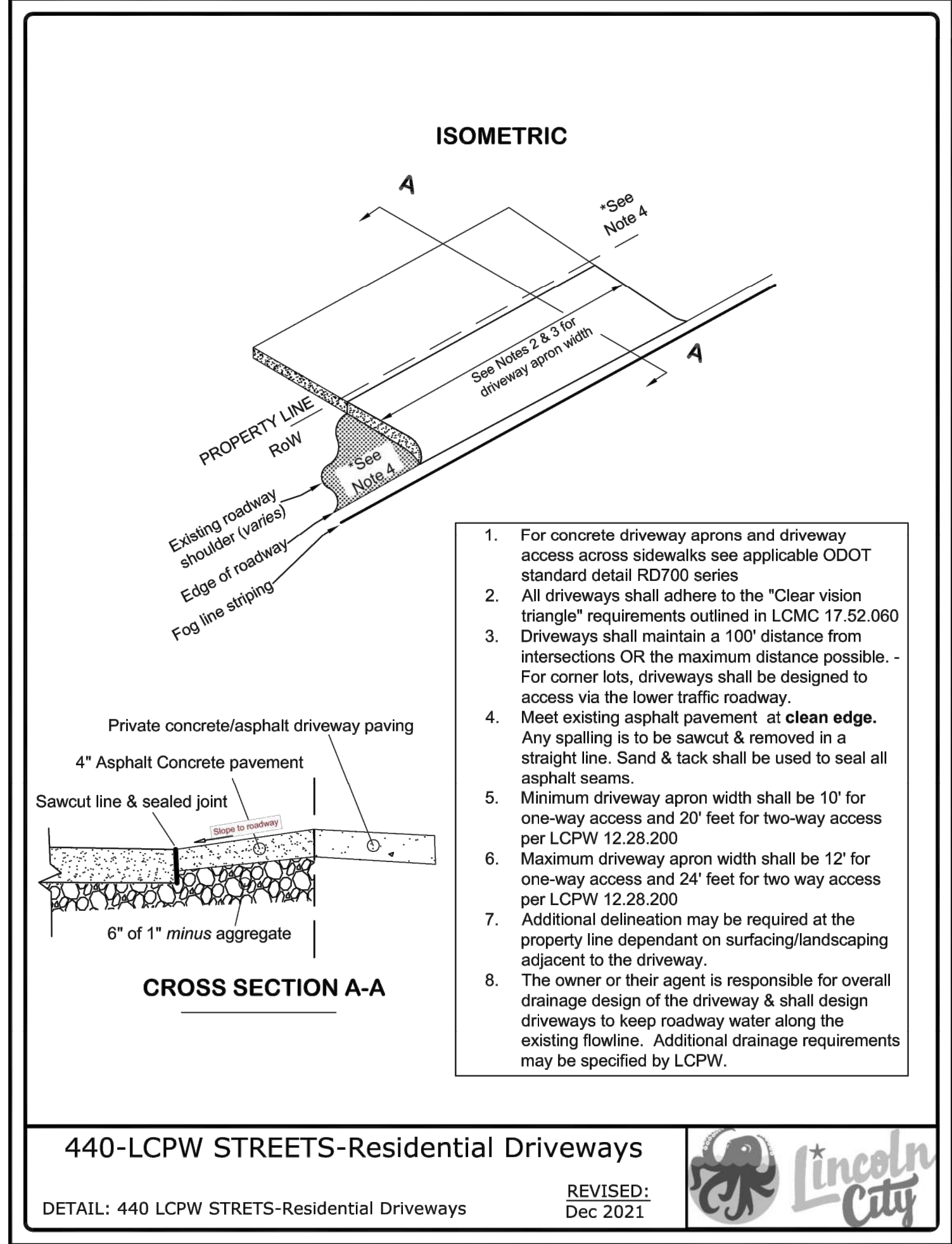
- METER VAULTS SHALL BE PLACED AT THE BACK OF SIDEWALK & AWAY FROM VEHICULAR TRAFFIC IF POSSIBLE.
- METER VAULT & LID SHALL BE 20K LOAD RATED ARMORCAST A6000485 12\"/>



**Notes:**

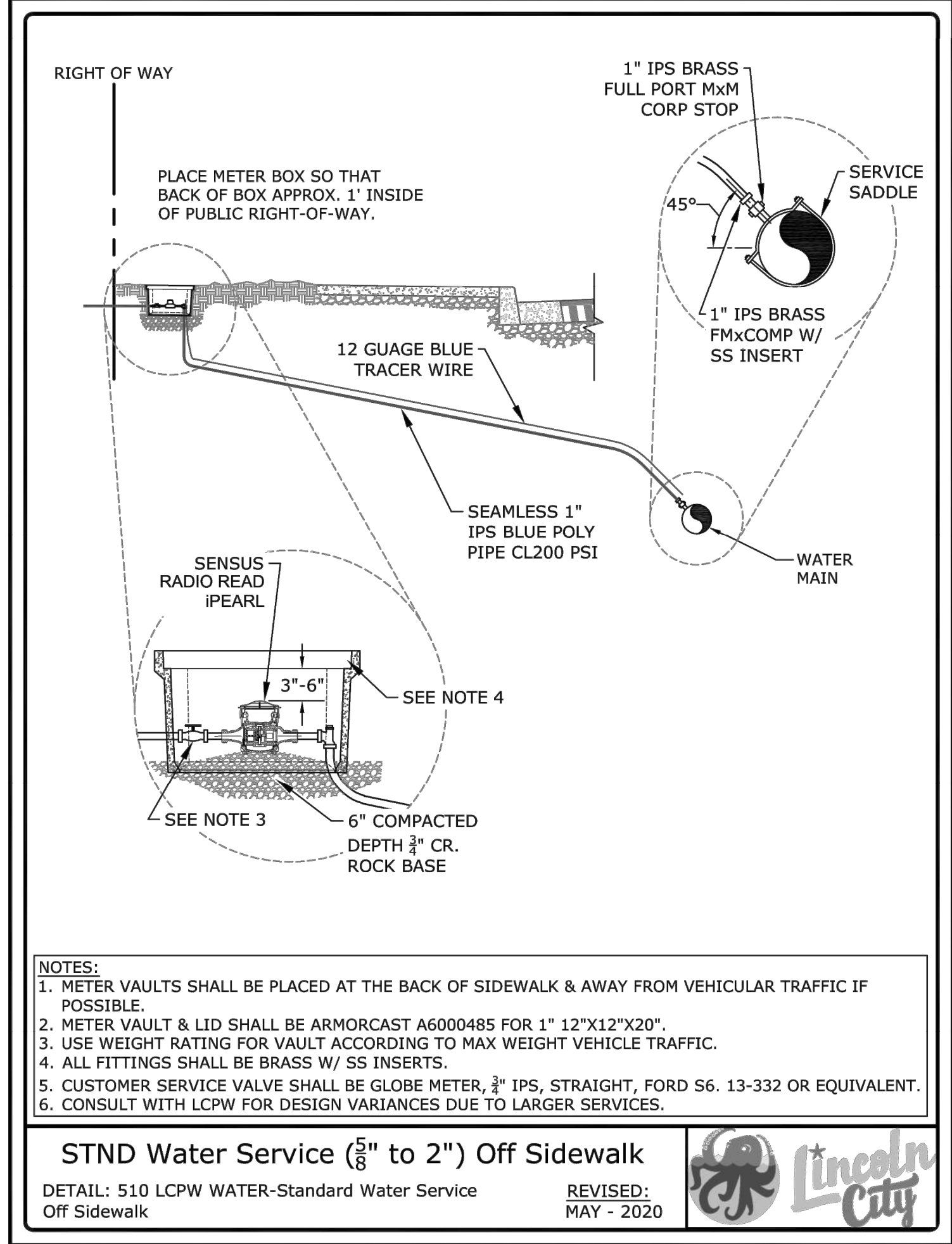
- Installation To Be Completed In Accordance With Manufacturers Specifications.
- Tubular Marker Shall Have A "Quick Release" Feature, Which Allows The Tubular Marker To Be Removed From The Base Without The Use Of Tools.
- Tubular Markers For Use on Washington County Roads Shall Be Impact Recovery Systems® products, Or Equal As Approved By The County Engineer.
- Tubular Markers Shall Consist Of The Following:
  - 3" Tuff Post - 36" Height, Open Top, Two Sheeting Bands (TP3-36-HY)
  - Quick Release Base (BS-SMQB #199) - Black w/ Impact Traffic Anchor
  - Post And Sheeting Color Shall Match:
    - Yellow If Separating Lanes Of Opposing Traffic Directions
    - White If Separating Lanes Of Same Traffic Direction

**WASHINGTON COUNTY DEPARTMENT OF LAND USE & TRANSPORTATION ENGINEERING SECTION**  
PLOT STAMP: 08/08/19 4:51P ANTHONYD  
CAD: 6040.DWG  
EFFECTIVE DATE: 09/01/2019  
WASH. CO. # 6040



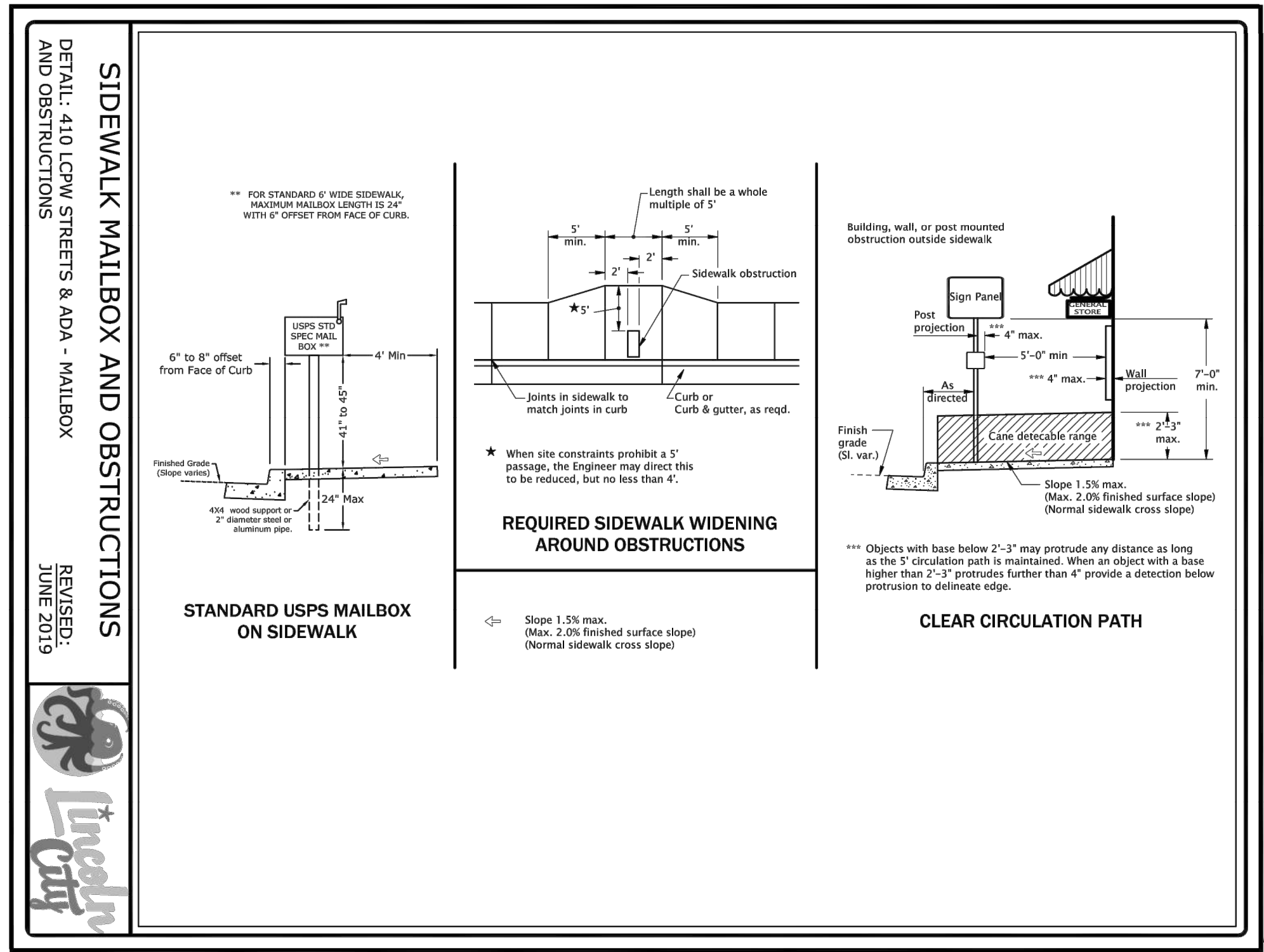
- For concrete driveway aprons and driveway access across sidewalks see applicable ODOT standard detail RD700 series
- All driveways shall adhere to the "Clear vision triangle" requirements outlined in LCMC 17.52.060
- Driveways shall maintain a 100' distance from intersections OR the maximum distance possible. - For corner lots, driveways shall be designed to access via the lower traffic roadway.
- Meet existing asphalt pavement at **clean edge**. Any spalling is to be sawcut & removed in a straight line. Sand & tack shall be used to seal all asphalt seams.
- Minimum driveway apron width shall be 10' for one-way access and 20' feet for two-way access per LCPW 12.28.200
- Maximum driveway apron width shall be 12' for one-way access and 24' feet for two way access per LCPW 12.28.200
- Additional delineation may be required at the property line dependant on surfacing/landscaping adjacent to the driveway.
- The owner or their agent is responsible for overall drainage design of the driveway & shall design driveways to keep roadway water along the existing flowline. Additional drainage requirements may be specified by LCPW.

**440-LCPW STREETS-Residential Driveways**  
DETAIL: 440 LCPW STREETS-Residential Driveways  
REVISED: Dec 2021



- NOTES:**
- METER VAULTS SHALL BE PLACED AT THE BACK OF SIDEWALK & AWAY FROM VEHICULAR TRAFFIC IF POSSIBLE.
  - METER VAULT & LID SHALL BE ARMORCAST A6000485 FOR 1" 12"X12"X20".
  - USE WEIGHT RATING FOR VAULT ACCORDING TO MAX WEIGHT VEHICLE TRAFFIC.
  - ALL FITTINGS SHALL BE BRASS W/ SS INSERTS.
  - CUSTOMER SERVICE VALVE SHALL BE GLOBE METER, 3/8" IPS, STRAIGHT, FORD S6. 13-332 OR EQUIVALENT.
  - CONST WITH LCPW FOR DESIGN VARIANCES DUE TO LARGER SERVICES.

**STND Water Service (3/8\"/>**



**REQUIRED SIDEWALK WIDENING AROUND OBSTRUCTIONS**

**CLEAR CIRCULATION PATH**

**STANDARD USPS MAILBOX ON SIDEWALK**

**REQUIRED SIDEWALK WIDENING AROUND OBSTRUCTIONS**

**CLEAR CIRCULATION PATH**

FILE NAME: P:\LCPW\19881 - LINCOLN CITY - MAIN IMPROVEMENTS\CAD\ENGINEERING\PHASE 2\RW17.DWG  
 USER NAME: JONAS WELTER  
 XREF FILES: X19881\_SIT.dwg X19881\_LATCH.dwg X19881\_TB.PHASE 2.dwg

DESIGNED	JDN					
DRAWN	BRM					
CHECKED	ARW					
	SYM	REVISION	DATE	BY	APP'D	

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**VERIFY SCALE**  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

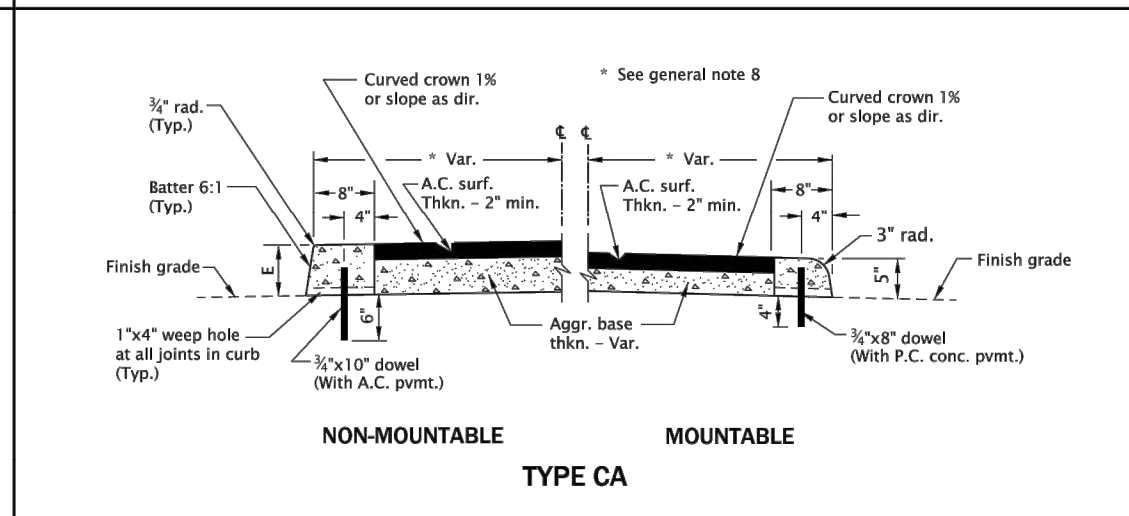
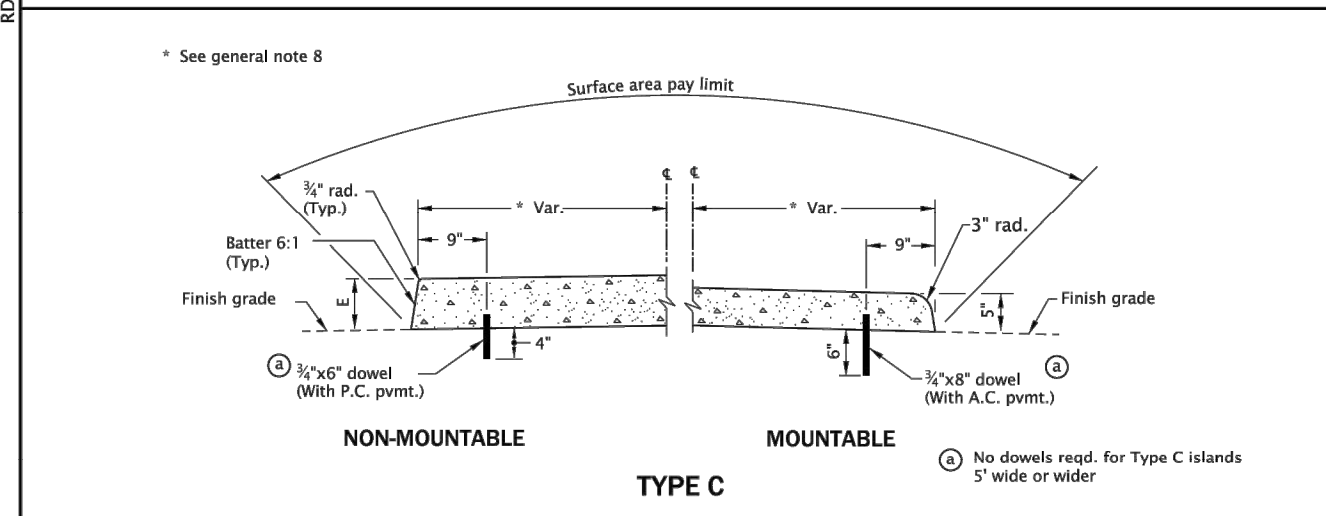
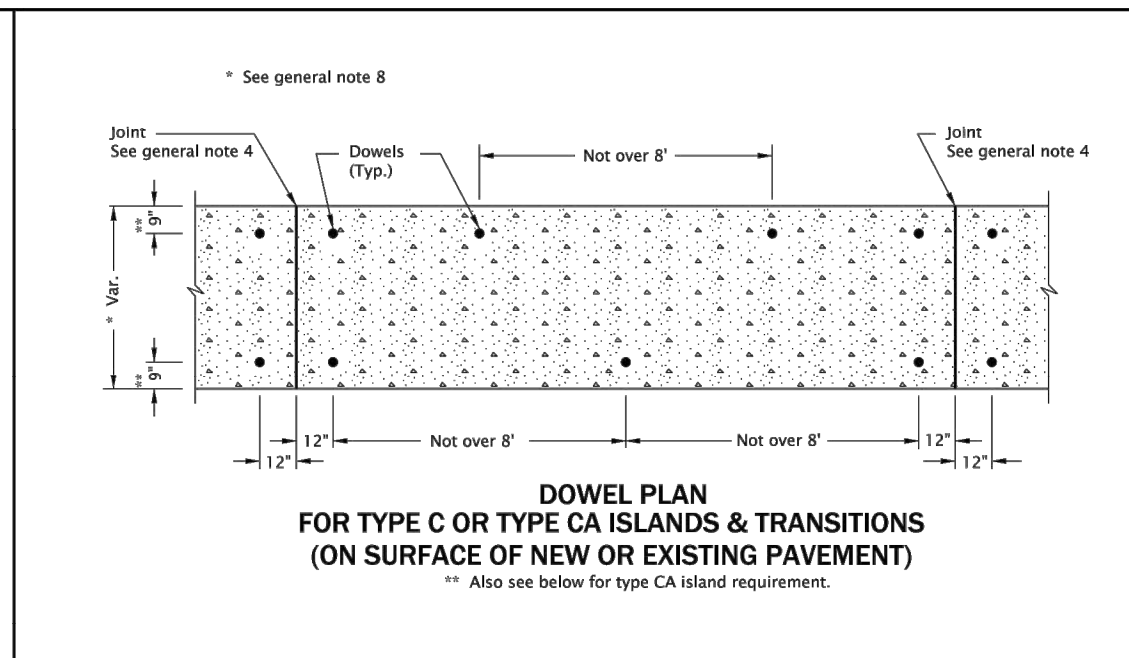
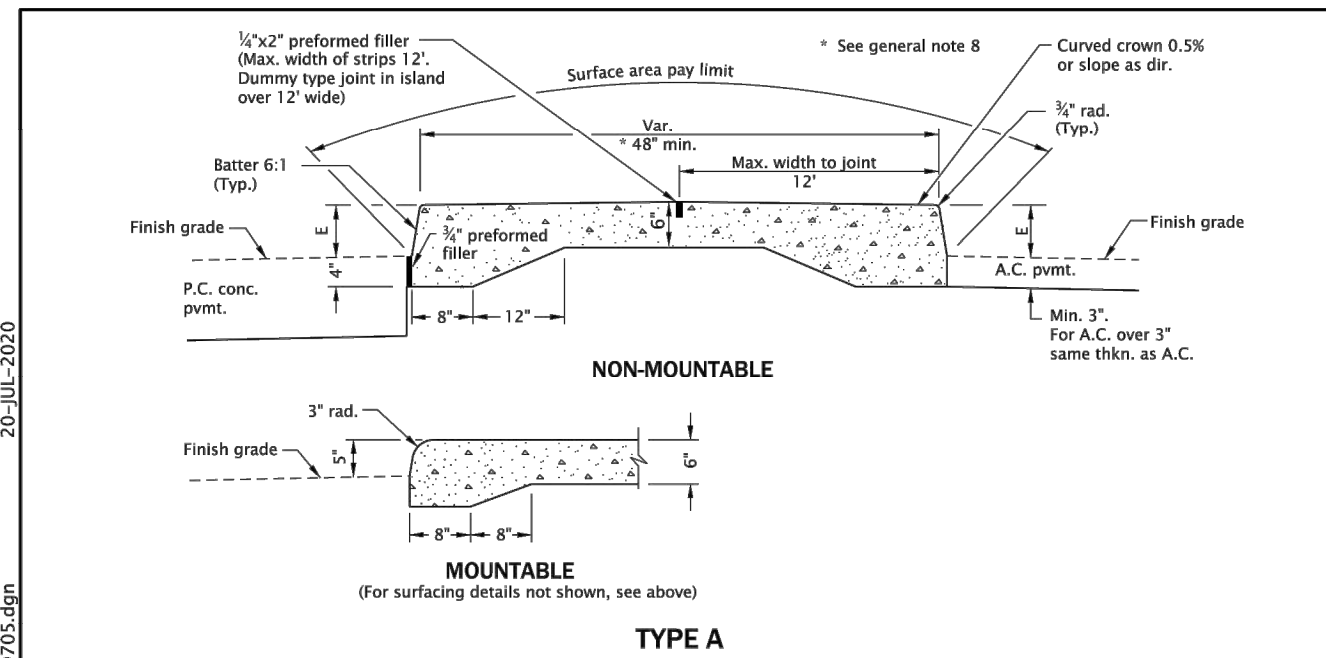
DATE: 09/17/2024  
SCALE: AS SHOWN

**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS**  
ROADWAY DETAILS

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**REGISTERED PROFESSIONAL ENGINEER**  
11687  
OREGON  
JERRY CHAMBERLAIN  
EXPIRES: 12/31/2025

PAGE PROJECT NO. 19881  
DWG NAME: RW17  
SHEET RW17 OF 33



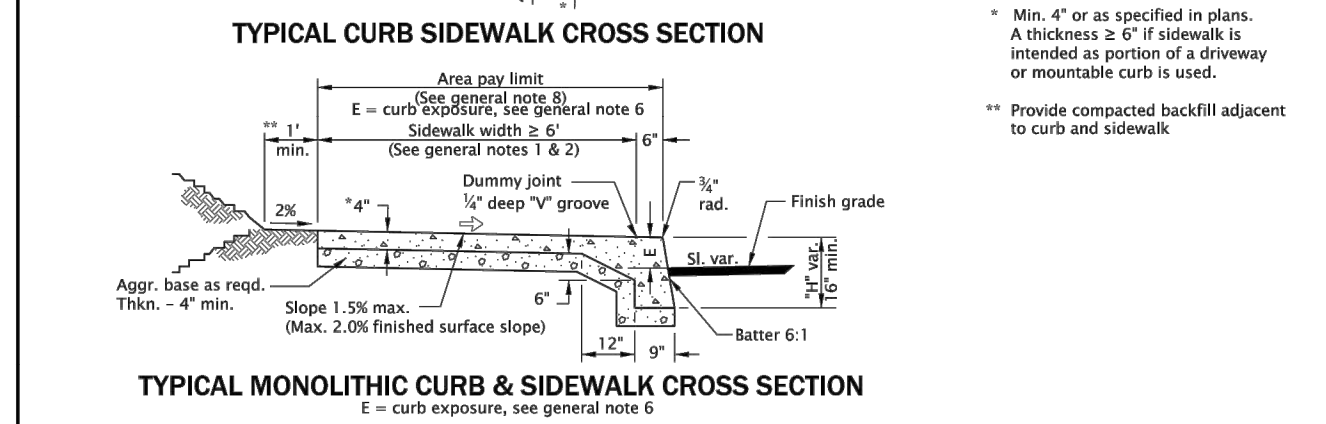
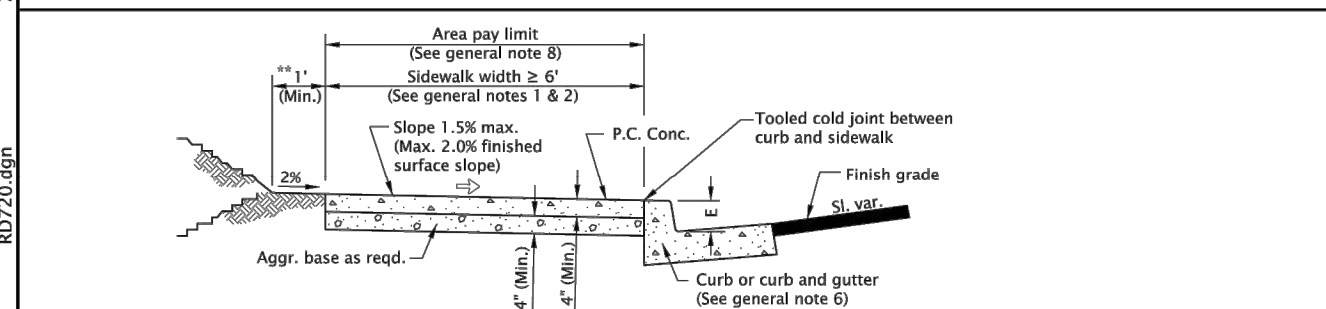
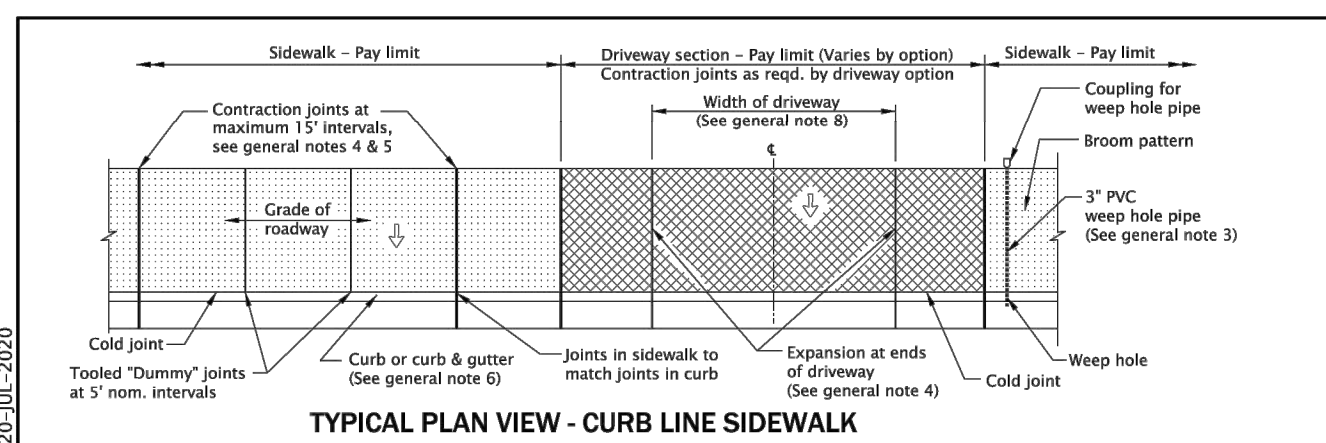
**GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:**

- Curb exposure "E" = 7" normal. Vary as shown on plans or as directed.
- Standard batter is shown. Vary as shown on typical section or as directed.
- Transverse joints in conc. islands to match joints in conc. pvmnt. and to be of same type (Omit dowels in expansion joints).
- Set joint spacing 200' max. for expansion and 15' max. for contraction.
- Place preformed filler along one side of conc. islands in conc. pvmnt. and around all curved ends.
- Dowels shall be 1/2" dia. with length as shown. In new conc. pvmnt. set dowels before conc. hardens. In exst. conc. pvmnt. drill holes 1 1/2" dia. and grout dowels in. In A.C. pvmnt. drive dowels.
- For transitions to traffic separators, see Std. Dwg. RD706.
- Minimum island width is 48". For accessible route islands, see Std. Dwg. RD710.

**The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.**

**OREGON STANDARD DRAWINGS**  
ISLANDS  
DATE: 2024  
REVISION DESCRIPTION:  
CALC. BOOK NO.: N/A    SDR DATE: 09-AUG-2019    **RD705**

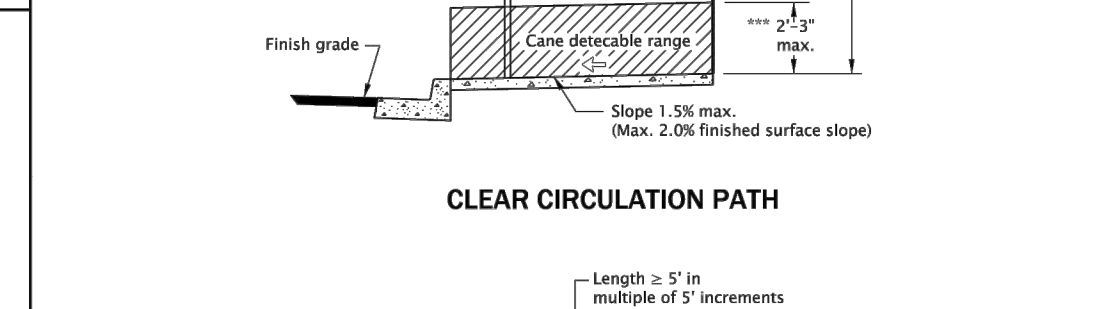
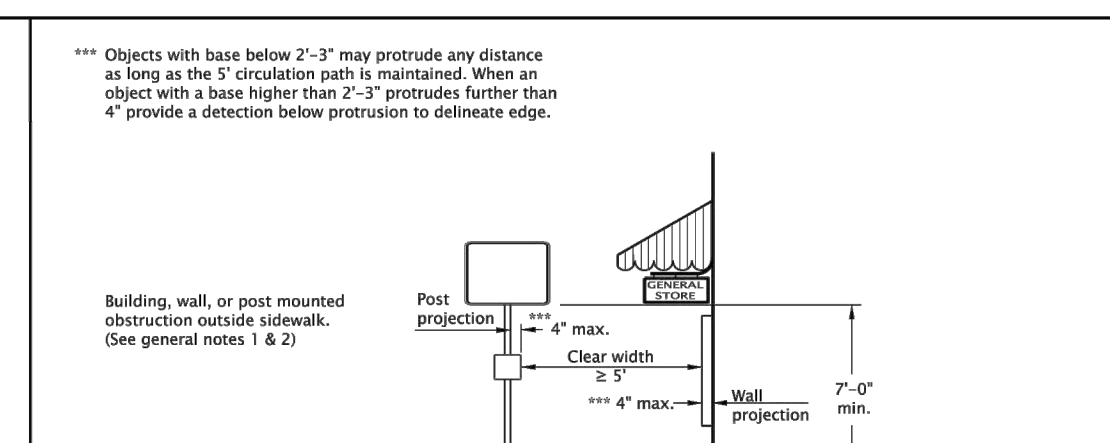
Effective Date: June 1, 2024 - November 30, 2024



**GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:**

- Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
- Curb type and sidewalk width as shown on plans or as directed.
- On sidewalks 8' and wider, provide a longitudinal joint at the midpoint. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
- Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other features which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joint details.
- Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joint details.
- For curb details, see Std. Dwg. RD700 & RD701. ODOT standard E=7'.
- Sidewalk details are based on applicable ODOT standards.
- Fully lowered sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwg. RD725, RD730, RD735, RD740, RD745 & RD750.
- See project plans for details not shown.

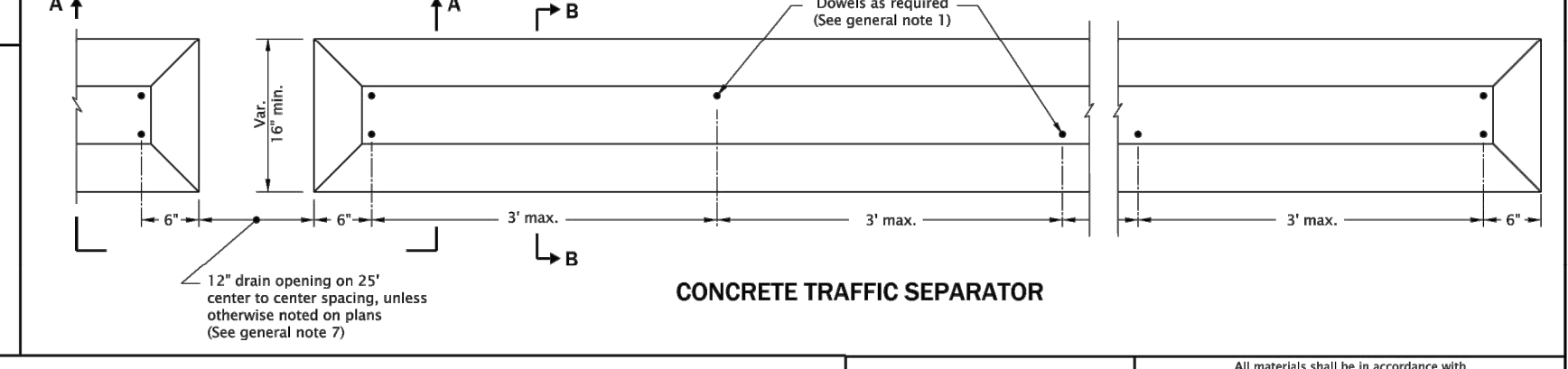
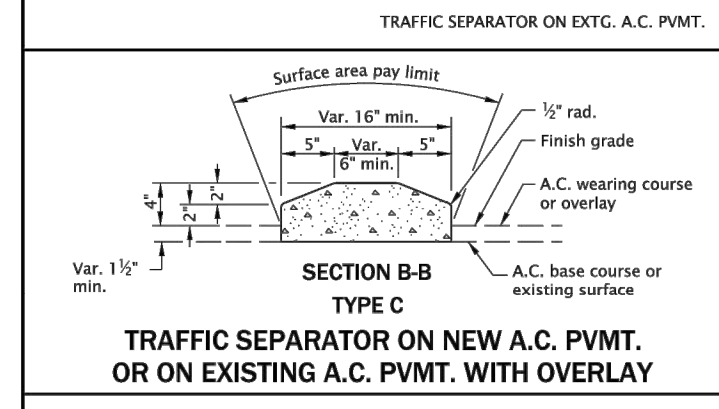
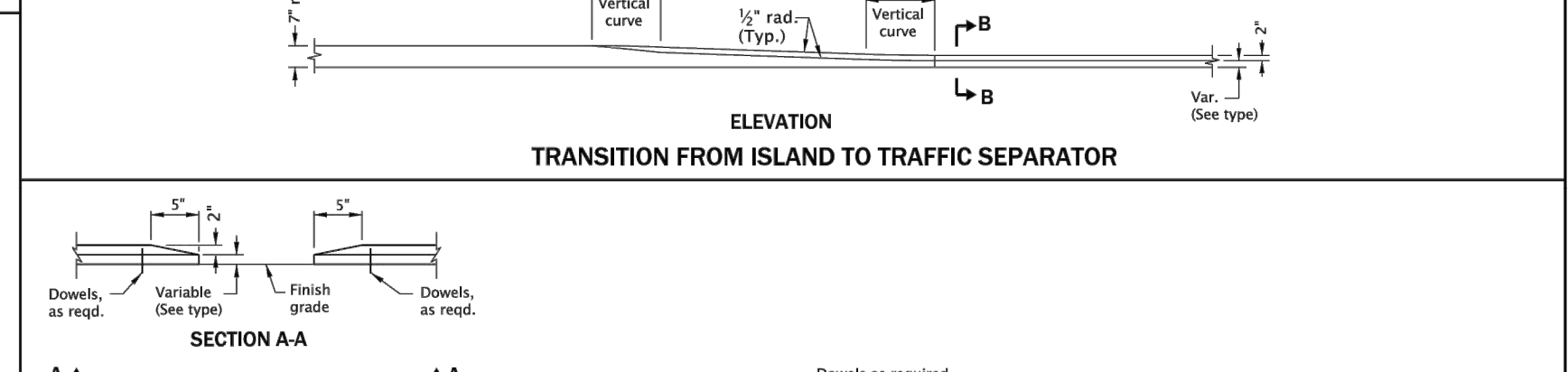
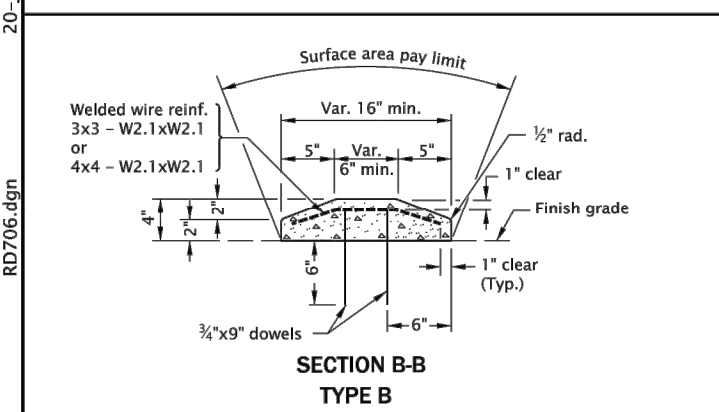
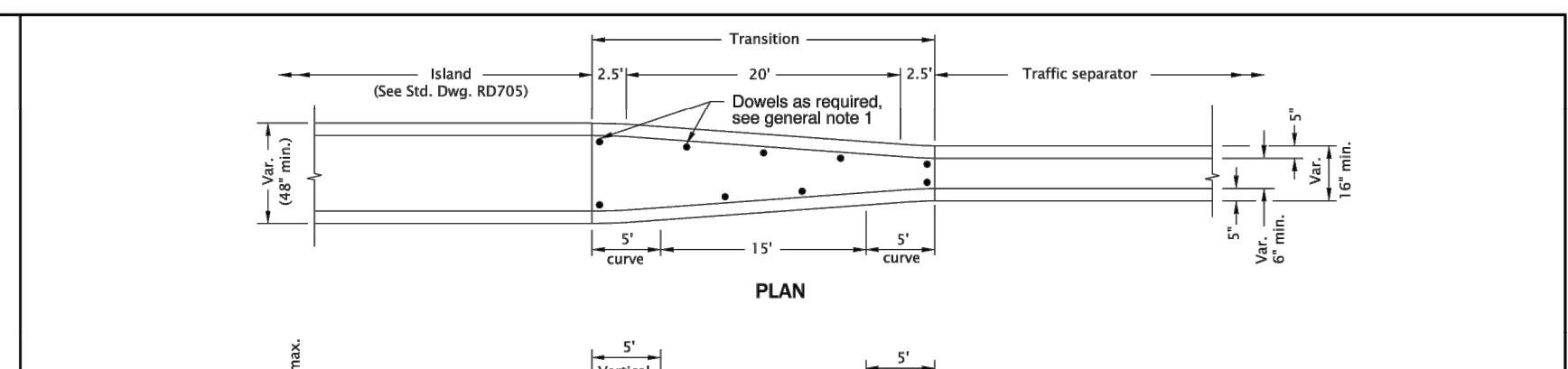
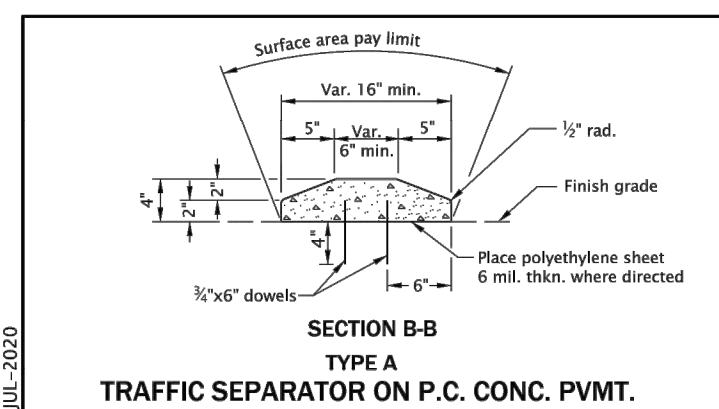
**LEGEND:**  
- - - Sidewalk pay limit.  
- - - Driveway pay limit, varies by option. (See general note 5).  
- - - Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)



**The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.**

**OREGON STANDARD DRAWINGS**  
CURB LINE SIDEWALKS  
DATE: 2024  
REVISION DESCRIPTION:  
CALC. BOOK NO.: N/A    SDR DATE: 09-AUG-2019    **RD720**

Effective Date: June 1, 2024 - November 30, 2024



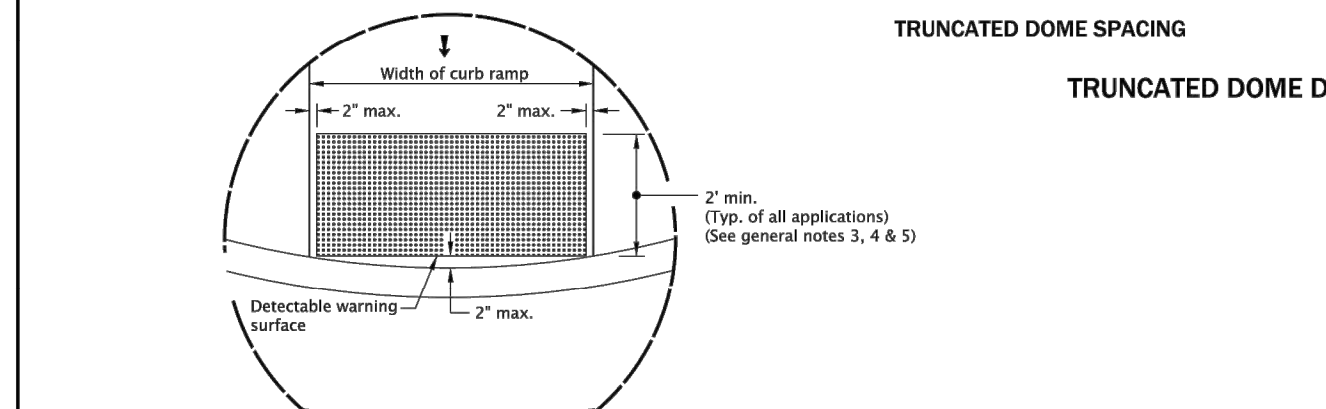
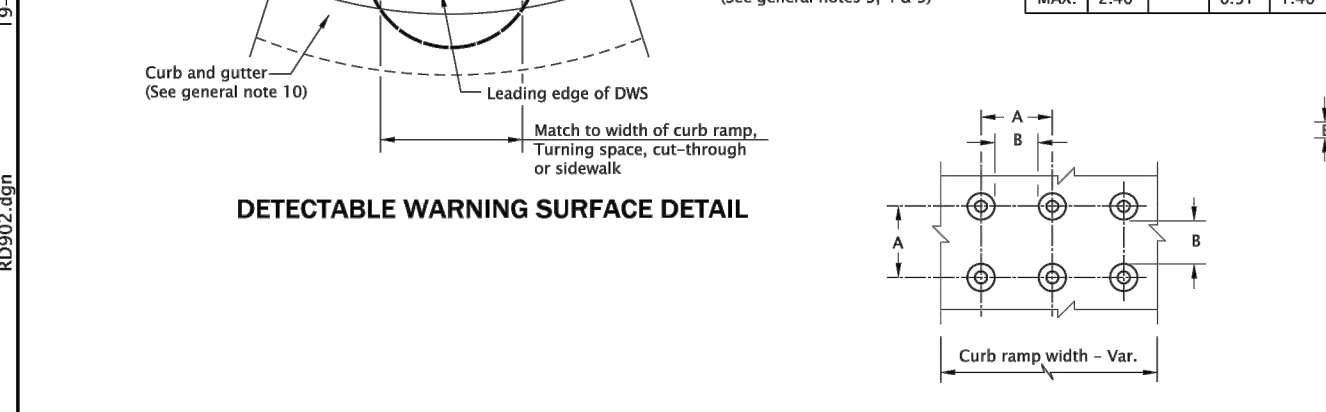
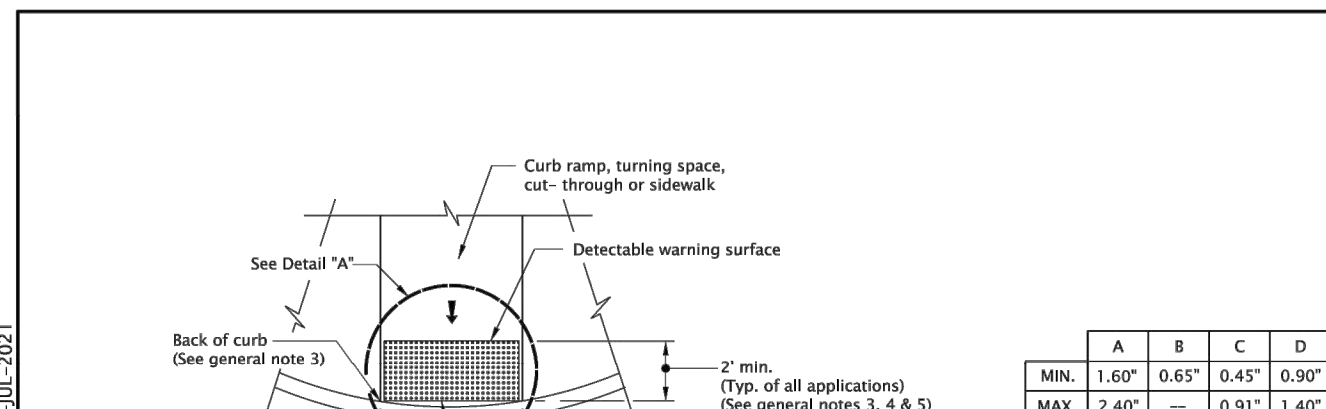
**GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:**

- In transitions conform to dowel plan per Std. Dwg. RD705.
- Standard slope face is shown. Vary as shown on typical section or as directed.
- Transverse joints in conc. traffic separators and transitions to match joints in conc. pvmnt. and to be of same type (Omit dowels in expansion joints).
- Set joint spacing 200' max. for expansion and 15' max. for contraction.
- Place preformed filler along one side of conc. transitions in conc. pvmnt. and around all curved ends.
- Dowels shall be 1/2" dia. with length as shown. In new conc. pvmnt. set dowels before conc. hardens. In exst. conc. pvmnt. drill holes 1 1/2" dia. and grout dowels in. In A.C. pvmnt. drive dowels.
- Site conditions normally require a project specific drain opening spacing design, which considers roadway conditions (sheet flow limits, cross slope, superelevation, profile, pavement type, lane and shoulder widths, etc.).

**The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.**

**OREGON STANDARD DRAWINGS**  
TRAFFIC SEPARATORS AND TRANSITIONS  
DATE: 2024  
REVISION DESCRIPTION:  
CALC. BOOK NO.: N/A    SDR DATE: 09-AUG-2019    **RD706**

Effective Date: June 1, 2024 - November 30, 2024



**GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:**

- Detectable warning surface details & locations are based on applicable ODOT Standards.
- See project plans for details not shown. See Std. Dwg. RD700 & RD701 for curbs.
- The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").
- Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place shunting panels within 1 inch of each other and install anchors, as specified by manufacturers, along cut edge.
- Color to be safety yellow if no color specified in construction note. Alternative colors require a design exception on or along state highways.
- Detectable warning surface shall be used in the following locations:  
a) Curb ramps at street crossings.  
b) Crossing Islands (Accessible Route Islands).  
c) Rail crossings.
- Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards, (see Std. Dwg. RD908).
- Detectable warning surface shall not be used on the following locations:  
a) End of sidewalk transitions that are not at a crosswalk. (See Std. Dwg. RD950, RD952 and RD960).  
b) Driveways, unless constructed with curb return or are signalized.  
c) Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.
- Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
- On or along state highways, curb and gutter is required at curb ramps.

**LEGEND:**  
- - - Detectable warning surface  
- - - Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)  
- - - Running slope 7.5% max. (Max. 8.5% finished surface slope)

**The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.**

**OREGON STANDARD DRAWINGS**  
DETECTABLE WARNING SURFACE DETAILS  
DATE: 2024  
REVISION DESCRIPTION:  
CALC. BOOK NO.: N/A    SDR DATE: 09-AUG-2019    **RD902**

Effective Date: June 1, 2024 - November 30, 2024

FILE NAME: P:\CONV\191881 - LINCOLN CITY - MAIN IMPROVEMENTS\CONV\ENGINEERING\PHASE 2\191881\_DET-5.DWG  
USER NAME: JON WELTER  
XREF FILES: X191881\_TB\_PHASE 2\_ADA.dwg

DESIGNED	JDN						
DRAWN	BRM						
CHECKED	ARW						
SYM		REVISION	DATE	BY	APP'D		

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**VERIFY SCALE**  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DATE: 09/17/2024  
SCALE: AS SHOWN

**NELSCOTT PRESSURE GRAVITY MAIN IMPROVEMENTS ROADWAY DETAILS**

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**ENGINEER**  
11687  
OREGON  
JERRY CHAMBERLAIN  
EXPIRES: 12/31/2025

PACE PROJECT NO. 19881  
DWG NAME: P191881\_DET-5  
SHEET RW18 OF 33

