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# City of Coos Bay

Coos County, Oregon

## VOLUME 3 - Working Drawings

FOR THE CONSTRUCTION OF

## Golden Avenue Roadway Reconstruction

Funding for this project is provided by the Surface  
Transportation Program (STP)

June, 2017  
City Project No. 175031  
CW Project No. 1201-061



CIVIL WEST PROJECT NO. 1201-61  
JUNE 2017

CITY OF COOS BAY  
COOS COUNTY  
541-269-8912

THIS CONTRACT IS BEING FUNDED BY THE  
SURFACE TRANSPORTATION PROGRAM (STP).

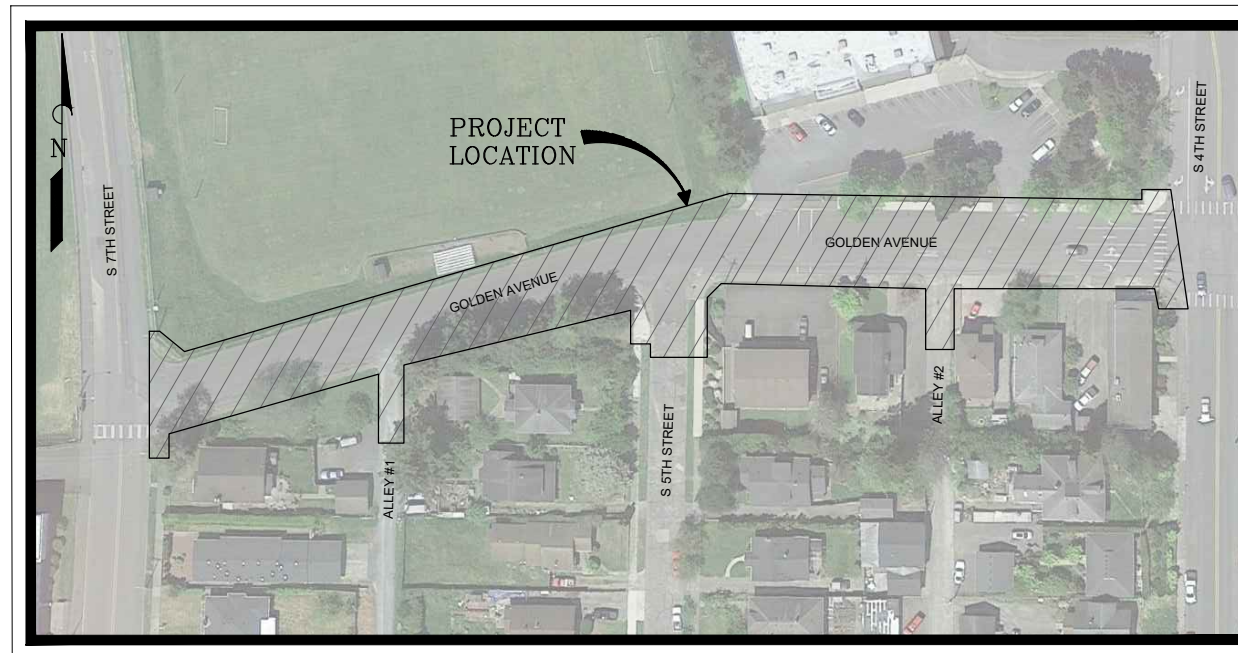
CIVIL WEST ENGINEERING  
SERVICES, INC.  
486 'E' STREET  
COOS BAY, OR. 97420  
541-266-8601  
[www.civilwest.com](http://www.civilwest.com)

HORIZONTAL BASIS OF BEARING:  
COUNTY RECORD: 47B78

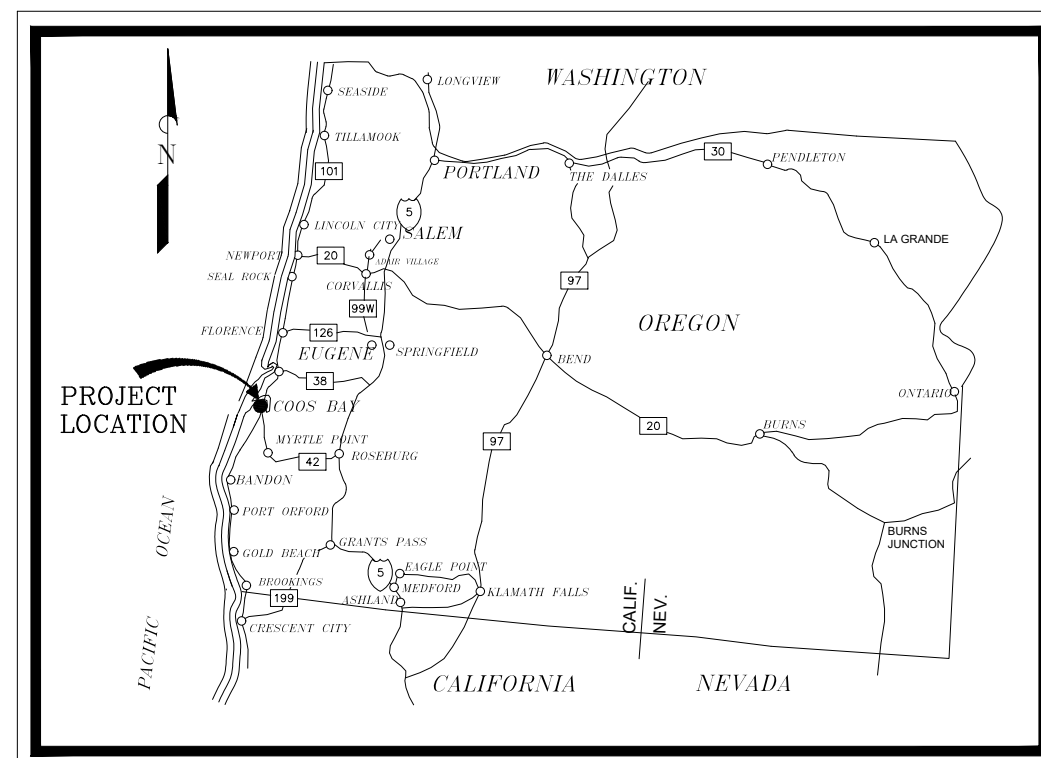
VERTICAL BENCHMARK DATA:  
FOUND  $\frac{5}{8}$ " IRON ROD IN ASPHALT BLOCK PATH SOUTH OF  
BRICKED AREA AT ANDERSON AVENUE ENTRANCE.

ELEVATION 11.85 FEET (NAVD 88)

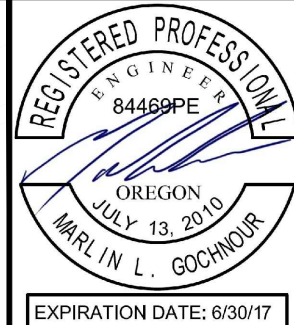
THIS CONTRACT IS FOR PUBLIC WORK AND IS SUBJECT TO ORS  
279C.800 TO 279C.870.  
PREVAILING WAGE RATES FOR "PUBLIC WORKS" CONTRACTS IN  
OREGON ARE REQUIRED FOR THIS PROJECT.



LOCATION MAP  
NOT TO SCALE




VICINITY MAP  
NOT TO SCALE



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486 E Street  
Coos Bay, Oregon 97420

GOLDEN AVENUE ROADWAY RECONSTRUCTION	
Sheet Number	Sheet Title
GENERAL SHEETS	
GO	COVER
G1	GENERAL NOTES AND ABBREVIATIONS
G2	SYMBOLS AND LINETYPE LEGEND
GENERAL DETAILS	
C1	TYPICAL SECTIONS AND DETAILS
C2	STANDARD UTILITY TRENCH DETAIL AND NOTES
C3	STANDARD INLETS AND STORM SEWER MANHOLE COVER DETAILS
C4	STANDARD MANHOLE AND DROP INLET DETAILS
C5	STANDARD MANHOLE BASE AND MANHOLE COVER DETAILS
C6	STANDARD SERVICE CONNECTION AND PAVED STREET SECTION DETAILS
C7	OPTION A AND OPTION B CONCRETE DRIVEWAY DETAILS
C8	ADA RAMP AND TEXTURE WITHOUT PLANTER STRIP DETAILS
C9	STANDARD CURB AND GUTTER AND VALLEY GUTTER DETAILS
C10	STANDARD RETAINING WALL DETAIL
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C12	STANDARD SIDEWALK AND STORM SEWER MANHOLE DETAIL
C13	TYPE 2 CURB INLET CATCH BASIN DETAILS
C14	STREET SIGN AND LETTERING DETAILS
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C15	DEMOLITION PLAN
C16	GOLDEN AVE PLAN AND PROFILE-STA 20+00 TO 22+50
C17	GOLDEN AVE PLAN AND PROFILE-STA 22+50 TO 25+00
C18	GOLDEN AVE PLAN AND PROFILE-STA 25+00 TO 27+00
C19	GOLDEN AVE PLAN AND PROFILE-STA 27+00 TO 28+50
C20	ALLEY #1 PLAN AND PROFILE-STA 30+00 TO 30+71
C21	5TH STREET PLAN AND PROFILE-STA 40+00 TO 40+68
C22	ALLEY #2 PLAN AND PROFILE-STA 50+00 TO 50+87
C23	UTILITY PLAN AND PROFILE-STA 20+00 TO 22+50
C24	SS UTILITY PLAN AND PROFILE-STA 22+50 TO 25+00
C25	SD UTILITY PLAN AND PROFILE-STA 22+50 TO 25+00
C26	UTILITY PLAN AND PROFILE-STA 25+00 TO 27+00
C27	UTILITY PLAN AND PROFILE-STA 27+00 TO 28+50
DETAILS	
C28	STORM DRAIN PROFILES AND DETAILS
C29	PEDESTRIAN RAMP DETAILS
C30	PEDESTRIAN RAMP DETAILS
C31	DRIVEWAY DETAILS
C32	STRIPING AND SIGNING PLAN
SECTION VIEWS	
C33	CROSS SECTION STA 20+00 TO 22+00
C34	CROSS SECTIONS STA 22+50 TO 24+00
C35	CROSS SECTIONS STA 24+50 TO 26+00
C36	CROSS SECTIONS STA 26+50 TO 27+50

Sheet No.	<div style="text-align: center;">  <p><b>JUNE 2017</b></p> </div>			
Date				
CITY OF COOS BAY COOS COUNTY				
GOLDEN AVENUE ROADWAY RECONSTRUCTION				
COVER				

REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					



0 1"

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



1. ATTENTION: OREGON LAW REQUIRES RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER TO BE FOLLOWED. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. A COPY OF THE RULES MAY BE OBTAINED BY CALLING THE CENTER.

2. THE CONTRACTOR SHALL CONTACT 'ONE CALL' FOR UTILITY LOCATES PRIOR TO EXCAVATION. (1-800-332-2344)

4. OVERHEAD ELECTRICAL DISTRIBUTION SYSTEMS MAY NOT BE SPECIFICALLY INDICATED ON THE DRAWINGS BUT DO EXIST ALONG THE PIPELINE ROUTES.

5. EXISTING WATER METER BOXES AND VALVES MAY NOT BE SPECIFICALLY INDICATED ON THE DRAWINGS BUT DO EXIST ALONG THE PIPELINE ROUTES. CONTRACTOR SHALL LOCATE PRIOR TO THE START OF CONSTRUCTION.

7. CONTRACTOR SHALL POthOLE AND LOCATE EXISTING UTILITIES PRIOR TO PLACEMENT OF NEW UNDERGROUND INFRASTRUCTURE. EXISTING UTILITIES SHALL REMAIN IN SERVICE AND BE PROTECTED IN PLACE UNTIL COMPLETION OF NEW UTILITIES. CONTRACTOR SHALL PROVIDE TEMPORARY CONNECTIONS AS REQUIRED TO MAINTAIN CONTINUED SERVICE TO CUSTOMERS UNTIL COMPLETION OF NEW UTILITY.

8. THE PIPELINE PROFILES HAVE BEEN MARKED TO INDICATE THE REQUIRED BACKFILL CLASSES (A, B, & E) SEE TECHNICAL SPECIFICATION FOR SPECIFIC BACKFILL MATERIAL REQUIREMENTS.

10. CONTRACTOR SHALL INSTALL NEW WATERLINES WITH A MINIMUM CLEARANCE OF 18-INCHES AT ALL CROSSINGS WITH SANITARY SEWER LINES AND/OR STORM DRAIN LINES, UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER. WHERE NEW WATERLINES CROSS EXISTING UNDERGROUND TELEPHONE, ELECTRICAL, AND/OR GAS LINES, A MINIMUM CLEARANCE OF 6-INCHES SHALL BE UTILIZED, UNLESS OTHERWISE NOTED.

11. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PROJECT DESIGN SPECIFICATIONS AND DRAWINGS. THESE DRAWINGS SHALL BE COORDINATED AND USED IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS AND APPROVED SUBMITTALS. CONSTRUCTION PERMITS AS REQUIRED TO WORK WITHIN THE RIGHT-OF-WAY SHALL BE OBTAINED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.

12. PROPERTY AND RIGHT OF WAY LINES SHOWN IN THIS PLAN SET ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL OBTAIN TEMPORARY CONSTRUCTION ACCESS OR PERMISSION FROM PRIVATE LAND OWNERS PRIOR TO ENTERING PRIVATE PROPERTY.

13. PERMITS ASSOCIATED WITH THE TRENCH DE-WATERING SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

14. PVC SEWER PIPE SHALL BE CLASS SDR-35 UNLESS OTHERWISE NOTED AND SHALL BE FURNISHED IN 14-FOOT MINIMUM LENGTHS AND SHALL BE GREEN IN COLOR.



AC	PAVEMENT
BC	BEGIN CURVE
BFV	BUTTERFLY VALVE
BLDG	BUILDING
BM	BENCH MARK
BSW	BACK OF SIDEWALK
CB	CATCH BASIN
CPLG	COUPLING
CTR	CENTER
CW	CITY WATER (POTABLE)
CWN	CITY WATER (NONPOTABLE)
D	DRAIN
DI	DUCTILE IRON
EC	END CURVE
EL	ELEVATION
EOC	EDGE OF CONCRETE
EOG	EDGE OF GRAVEL
EOP	EDGE OF PAVEMENT
ER	EDGE OF ROAD
EX	EXISTING
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FLG	FLANGE
FM	FORCE MAIN

GB	GRADE BREAK
GV	GATE VALVE
HDD	HORIZONTAL DIRECTIONAL DRILLING
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HMAC	HOT MIX ASPHALT CONCRETE
HPC	HYPOCHLORITE
HS	HARVESTED SLUDGE
HSG	HIGH PRESSURE SLUDGE GAS
IE	INVERT ELEVATION
IP	IRON PIPE
LIP	LIP OF GUTTER
LT	LEFT
MH	MANHOLE
MJ	MECHANICAL JOINT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NG	NATURAL GAS
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
OF	OVERFLOW
PED	PEDESTAL
PRC	POINT OF REVERSE CURVATURE
PVC	POLY VINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION

REQ'D	REQUIRED
ROW	RIGHT OF WAY
RS	RAW SEWAGE
RT	RIGHT
RW	RAW WATER
RWR	RECLAIMED WATER
SD	STORM DRAIN
SE	SPOT ELEVATION
SPW	SPILLWAY
SS	SANITARY SEWER
STA	STATION
SW	SIDEWALK
TBC	TOP BACK OF CURB
TC	TOP OF CURB
TD	TANK DRAIN
TG	TOP OF GRATE
TOE	TOP OF SLOPE
TOP	TOP OF BANK
TRANS.	TRANSITION
TYP	TYPICAL
TW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
V	VENT
VAC	VACUUM
VC	VENT (CHEMICAL)
WM	WATER METER
WV	WATER VALVE



486 E Street  
Coos Bay, Oregon 97420

REV.	DATE	DESCRIPTION	BY
Designed By: WD		Drawn By: JBJ	Checked By: MDW
Project No:		1201-061	

0

1"

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

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CITY OF COOS BAY  
COOS COUNTY

# GOLDEN AVENUE ROADWAY RECONSTRUCTION

## GENERAL NOTES AND ABBREVIATIONS

Sheet No.	G1
Date	JUNE 2017

SECTION NUMBER

DRAWING ON WHICH SECTION IS SHOWN

SECTION NUMBER

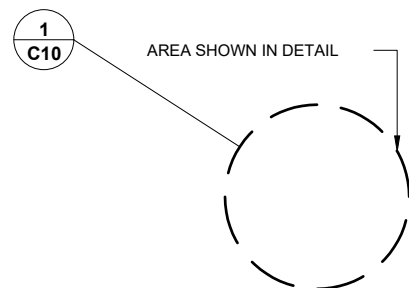
DRAWING ON WHICH SECTION IS REFERENCED

SECTION DESCRIPTION

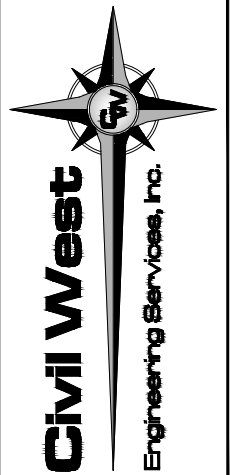
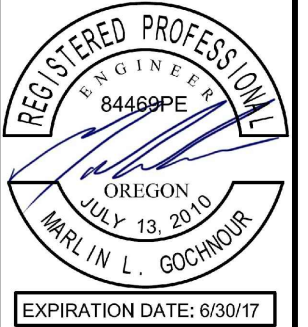
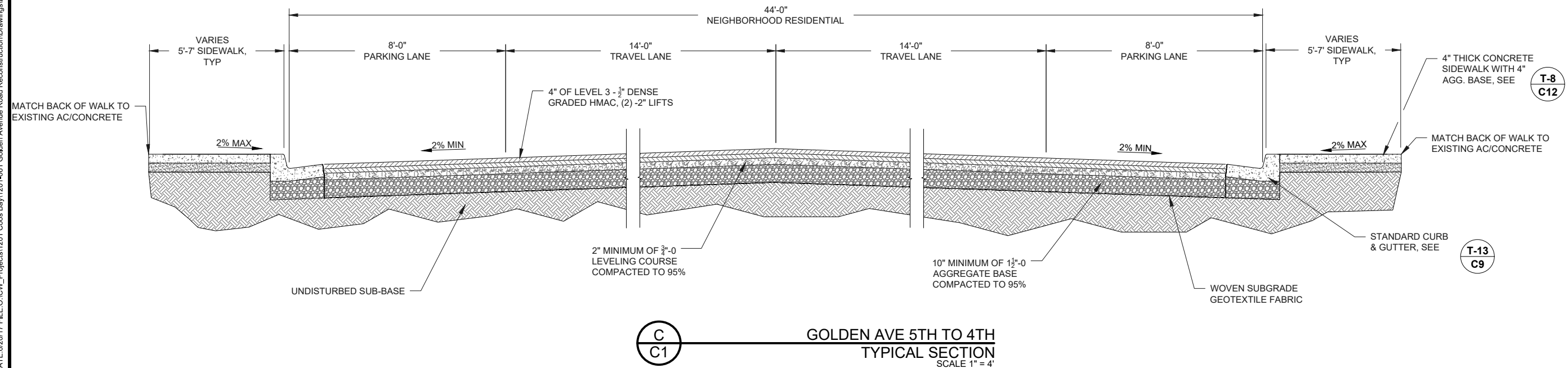
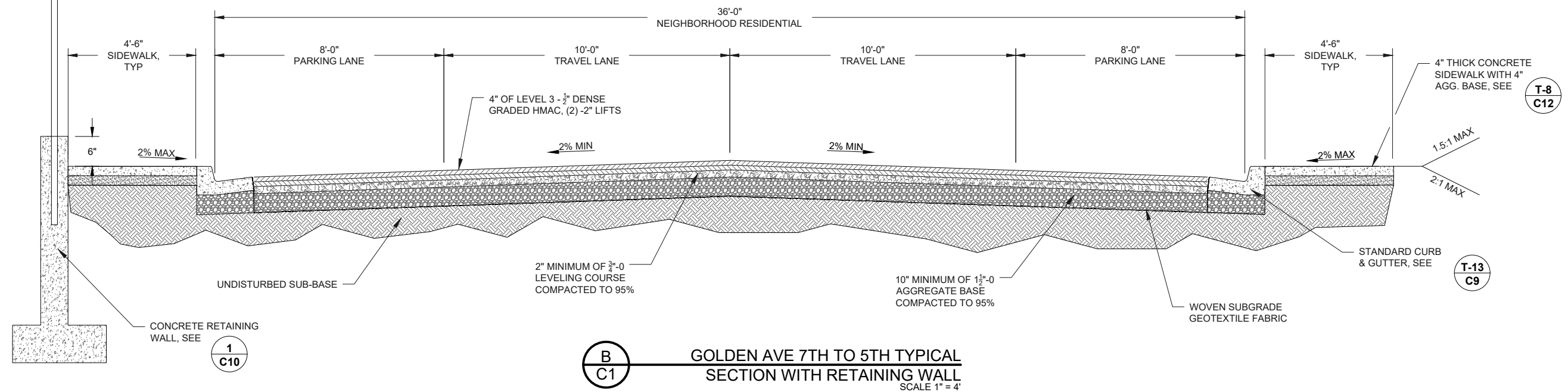
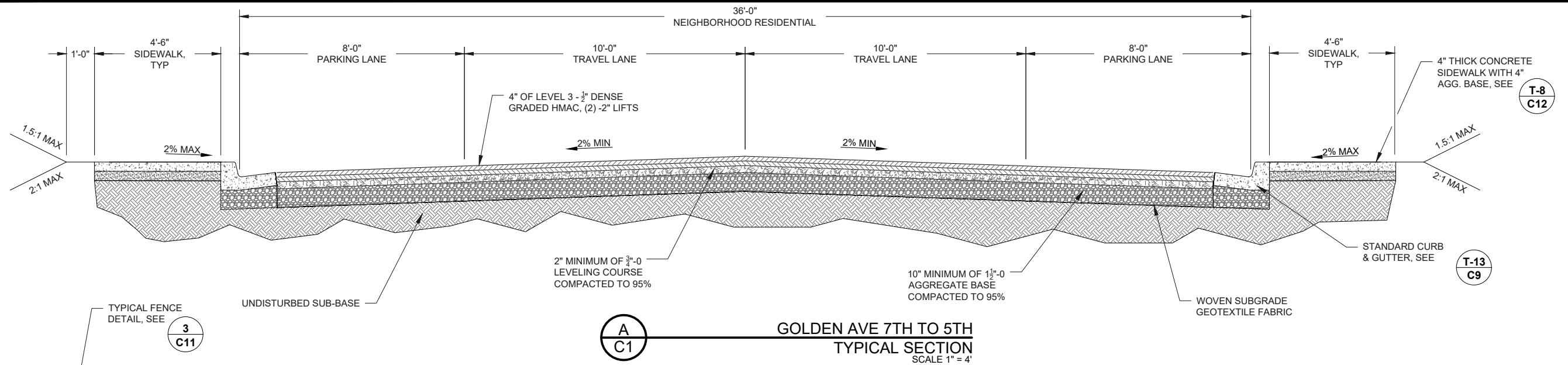
ROADWAY SECTION

SECTION SCALE

SCALE: 1" = 5'








REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					



0 1"

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

Sheet No. Date	CITY OF COOS BAY COOS COUNTY  GOLDEN AVENUE ROADWAY RECONSTRUCTION  TYPICAL SECTIONS AND DETAILS
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DATE: 6/20/17 FILE: C:\CW\_Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg

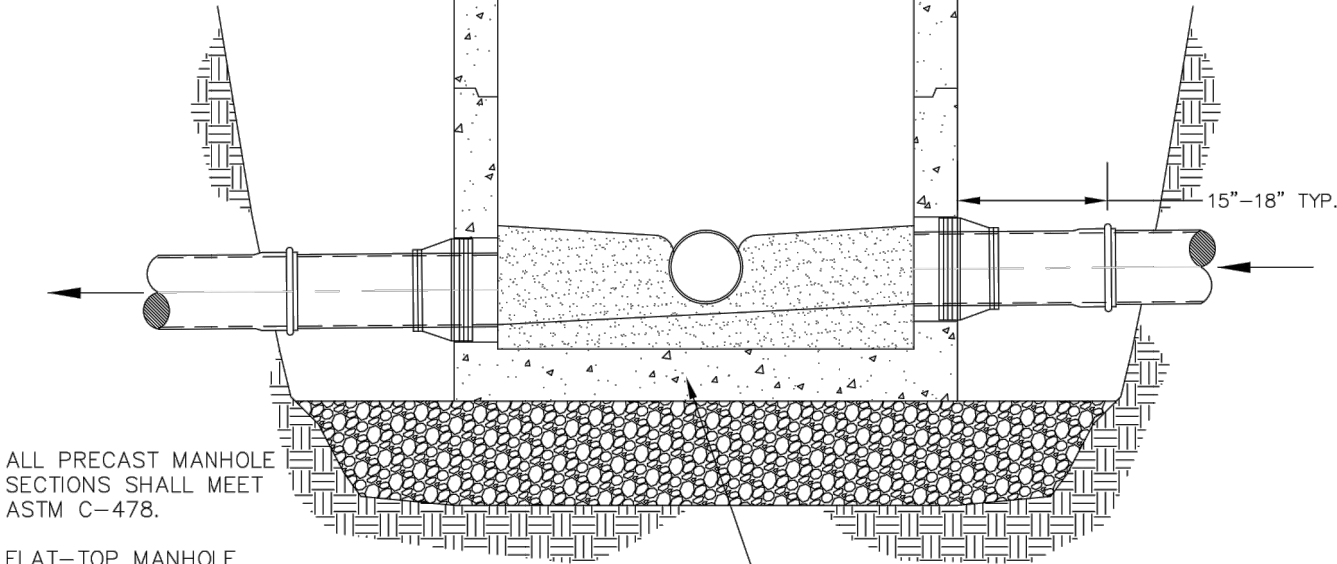
CAST IRON (H-20 RATED)  
MANHOLE COVER AND FRAME.  
SET FRAME IN NON-SHRINK GROUT  
SEE MANHOLE COVER & FRAME  
STANDARD DETAIL S-14

PRECAST REINFORCED  
GRADE RINGS, 3 LAYERS MAX.  
2" MIN., 18" MAX.  
SET IN NON-SHRINK GROUT.

PRECAST ECCENTRIC CONE  
SLOPE FACING DOWN GRADE  
24" OR 36" TALL

KEYED JOINTS WITH PRE-  
FORMED SEAL (RAM-NEK)  
OR RUBBER RING GASKET  
BY MFR. (TYP. ALL JOINTS)  
SEAL WATERTIGHT

THE MAXIMUM PIPE SIZE  
FOR 48" DIAMETER MANHOLE  
IS 24" AND 30" FOR  
60" DIAMETER MANHOLE.  
LARGER PIPES WILL REQUIRE  
SPECIAL DESIGN AND APPROVAL  
FROM CITY ENGINEERING DIVISION.



ALL PRECAST MANHOLE  
SECTIONS SHALL MEET  
ASTM C-478.

FLAT-TOP MANHOLE  
REQUIRED WHEN DEPTH  
FROM FINISH GRADE TO  
INVERT IS LESS THAN  
6 FEET.

INTERIOR DROPS EXCEEDING 24"  
REQUIRE DROP MANHOLE.

SEE MANHOLE BASE  
STANDARD DETAIL S-13



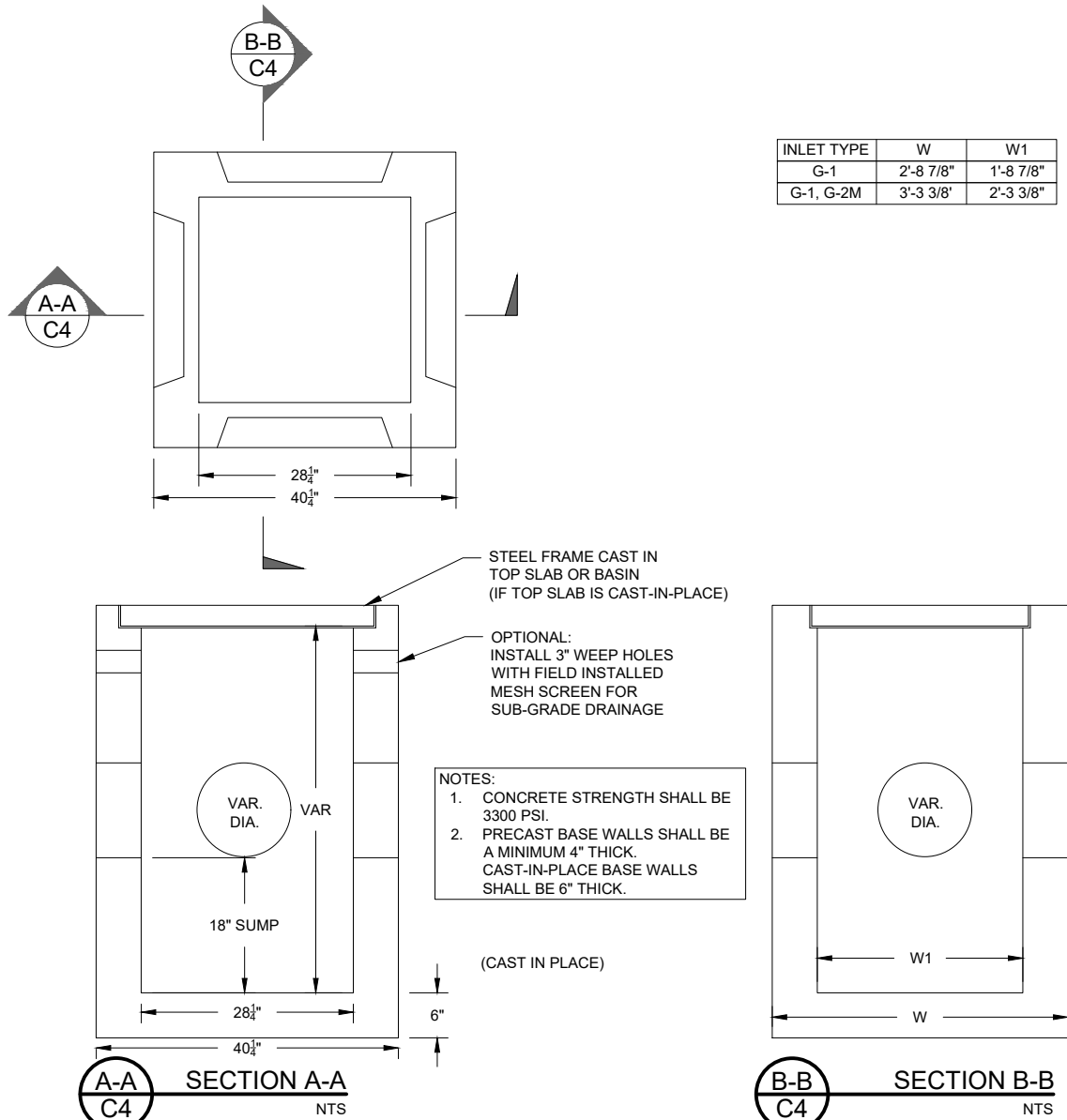
**City of Coos Bay**  
ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

DRAWN BY: JS	
REVISIONS	
REVISED BY:	DATE:

**STANDARD MANHOLE  
DETAIL  
(SANITARY & STORM)**

DRAWING NO.  
**S-11**

DATE  
**JULY 2016**

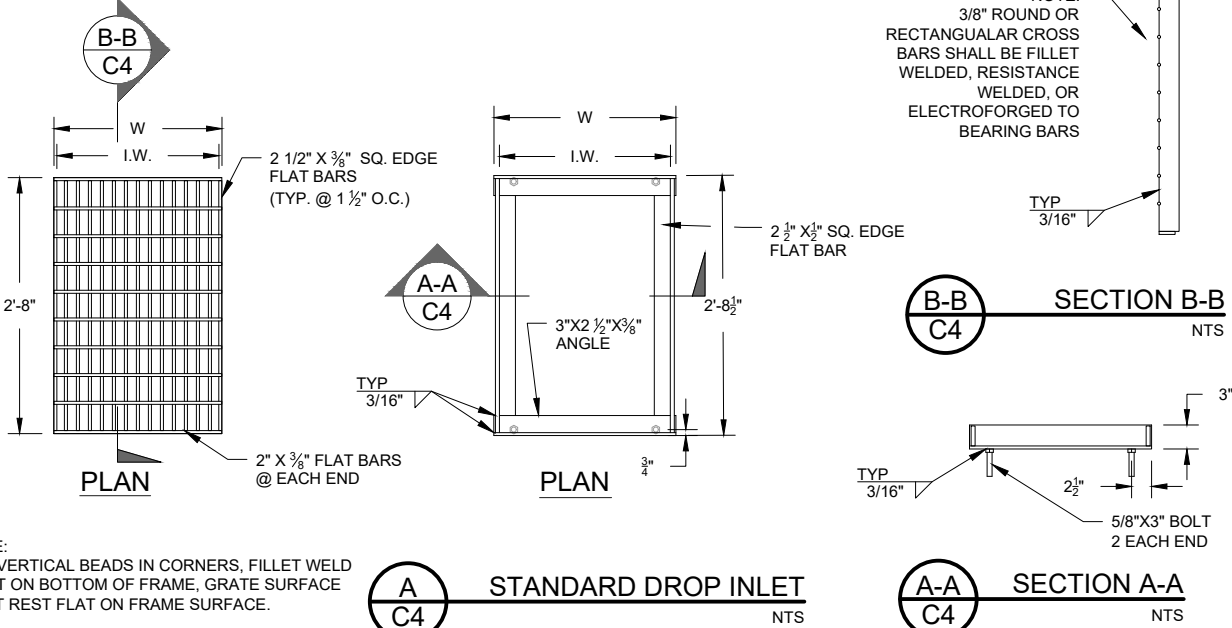


INLET TYPE	W	W1
G-1	2'-8 7/8"	1'-8 7/8"
G-1, G-2M	3'-3 3/8"	2'-3 3/8"

- NOTES:
1. CONCRETE STRENGTH SHALL BE 3300 PSI.
  2. PRECAST BASE WALLS SHALL BE A MINIMUM 4" THICK. CAST-IN-PLACE BASE WALLS SHALL BE 6" THICK.

TYPE	W	W1
STANDARD	1'-9"	1'-8 1/4"

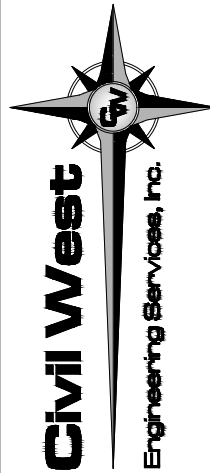
TYPE	DIA. PIPE	W	W1
STANDARD	10" - 12"	1'-10 3/4"	1'-9 3/8"



NOTE:  
USE VERTICAL BEADS IN CORNERS, FILLET WELD  
JOINT ON BOTTOM OF FRAME, GRATE SURFACE  
MUST REST FLAT ON FRAME SURFACE.



EXPIRATION DATE: 6/30/17



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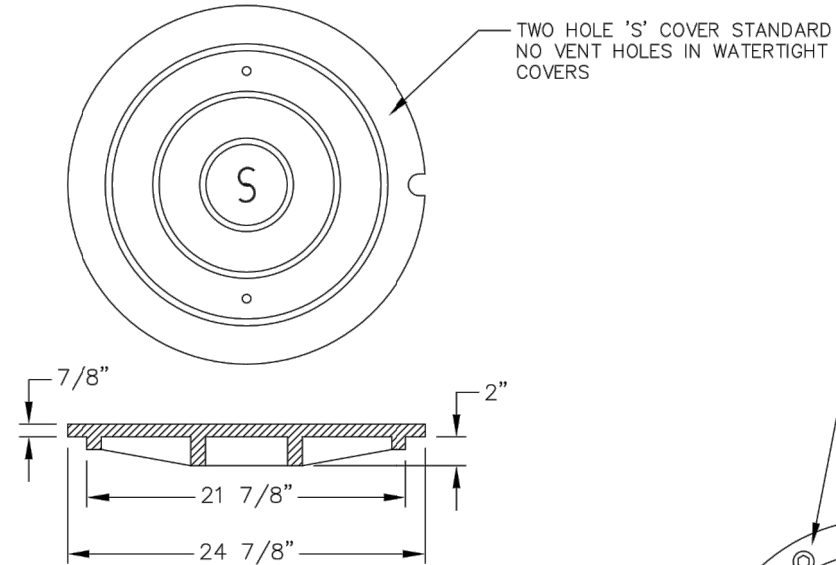
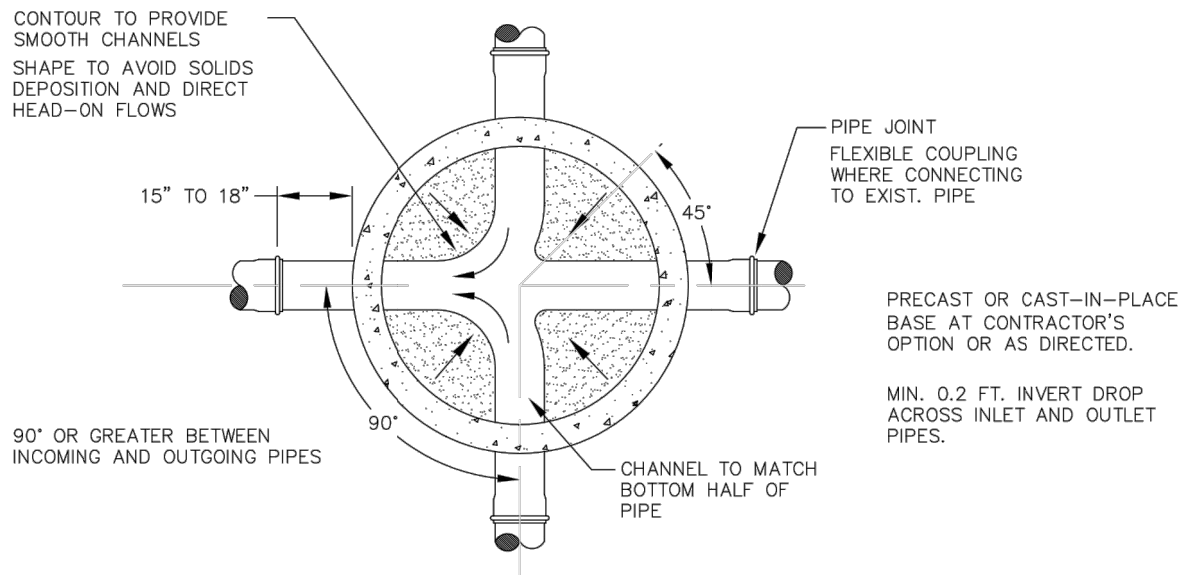
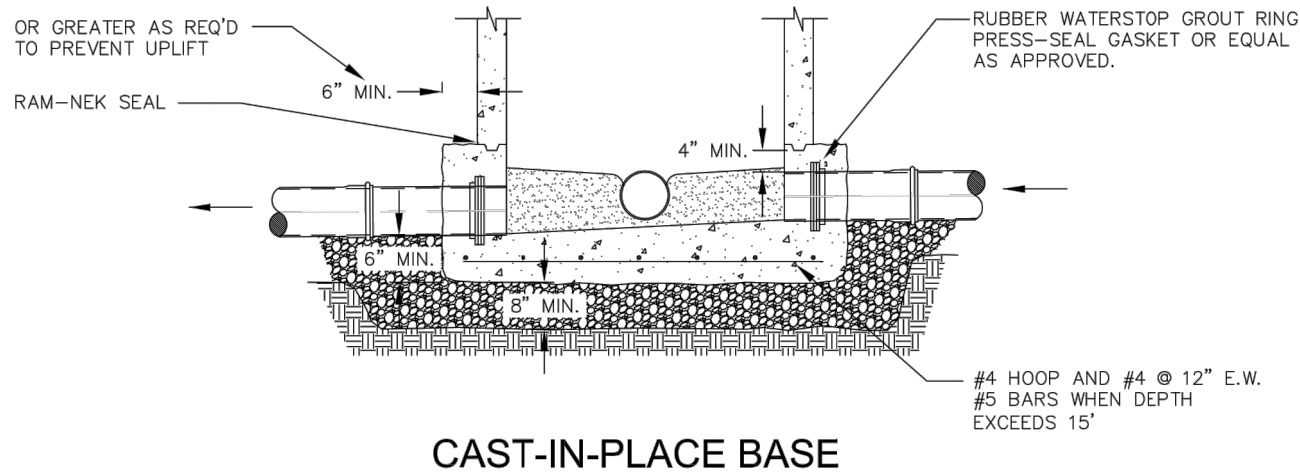
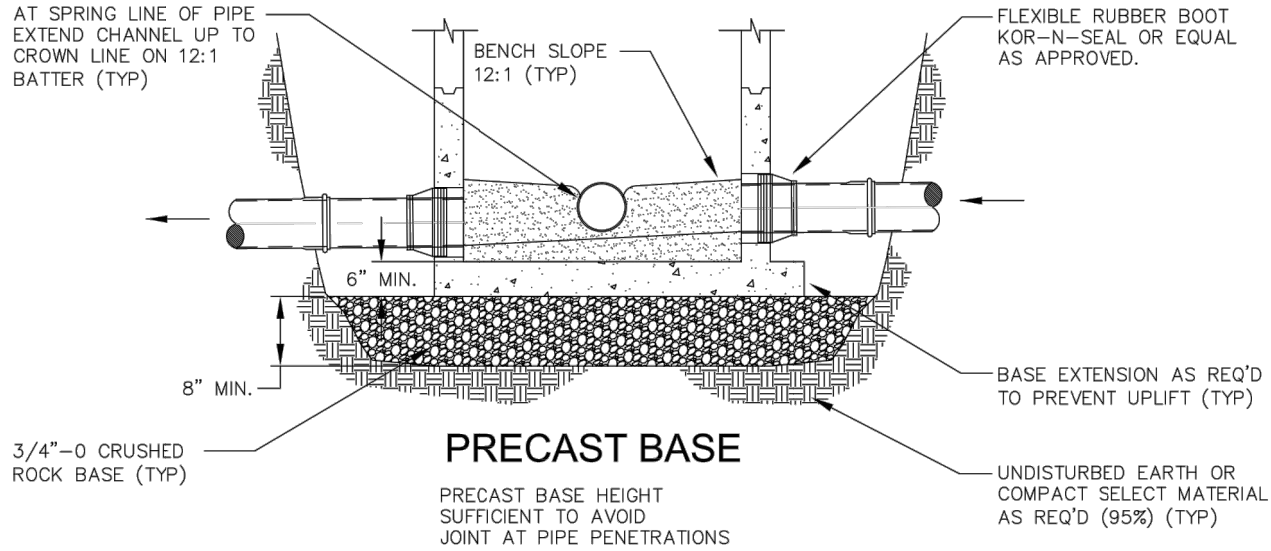
REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBU	Checked By:	MDW
Project No:	1201-061				

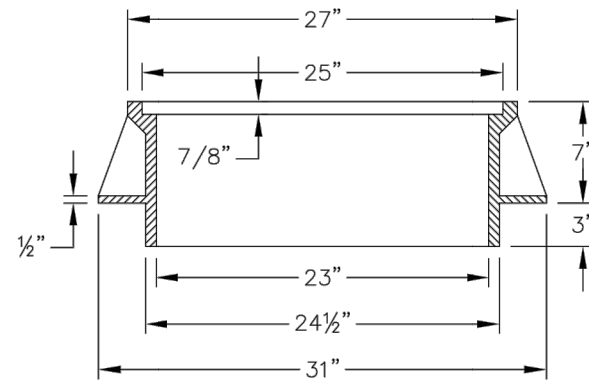
1" = 1' SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE  
INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	STANDARD MANHOLE AND DROP INLET DETAILS
Sheet No.	C4	JUNE 2017

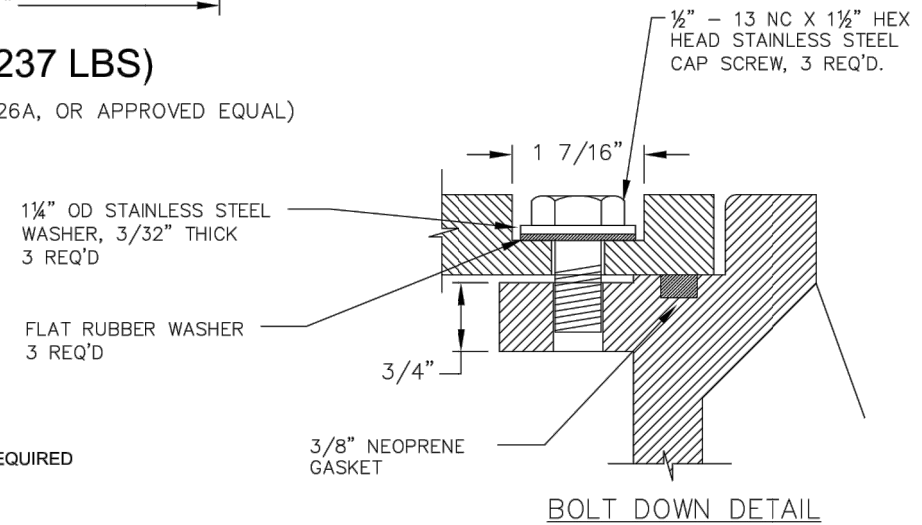
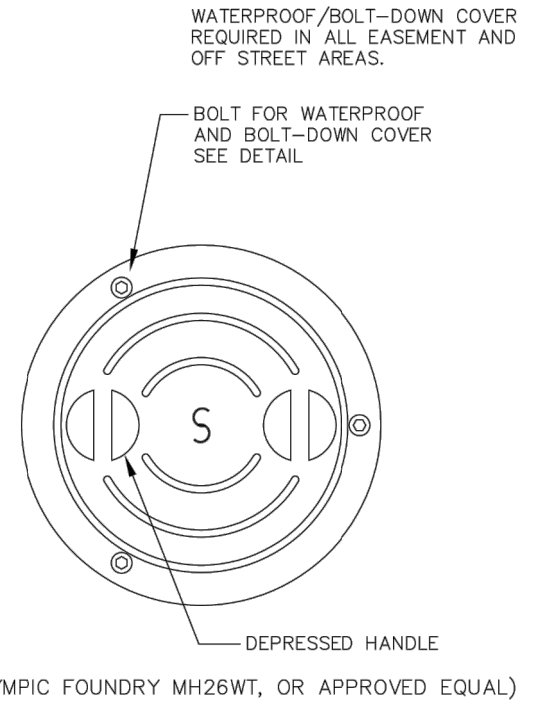
DATE:6/20/17 FILE:O:\CW\_ Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg



**COVER (150 LBS)**  
(OLYMPIC FOUNDRY MH26S, OR APPROVED EQUAL)



**FRAME (237 LBS)**  
(OLYMPIC FOUNDRY MH26A, OR APPROVED EQUAL)



**NOTES:**

1. TAMPER PROOF FRAME AND COVER REQUIRED  
OUTSIDE OF RIGHT OF WAY OR IN  
UNDEVELOPED AREAS.
2. MANHOLE FRAMES AND COVER SHALL HAVE  
H-20 RATING



**City of Coos Bay**  
ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

DRAWN BY: JS	
REVISIONS	
REVISED BY:	DATE:

**MANHOLE BASE  
STANDARD DETAILS**

DRAWING NO.	
S-13	
DATE	
JULY 2016	

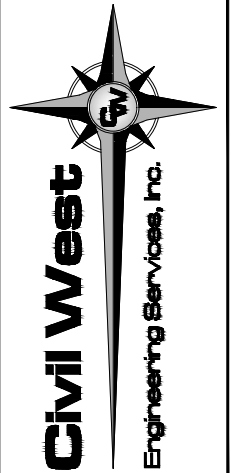
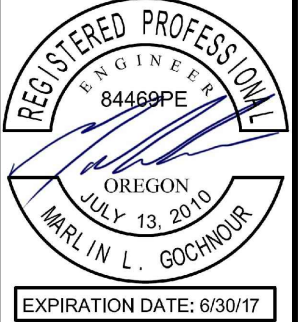


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ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

DRAWN BY: JS	
REVISIONS	
REVISED BY:	DATE:

**MANHOLE COVER  
& FRAME DETAILS**

DRAWING NO.	
S-14	
DATE	
JULY 2016	



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REV.	DATE	DESCRIPTION	BY

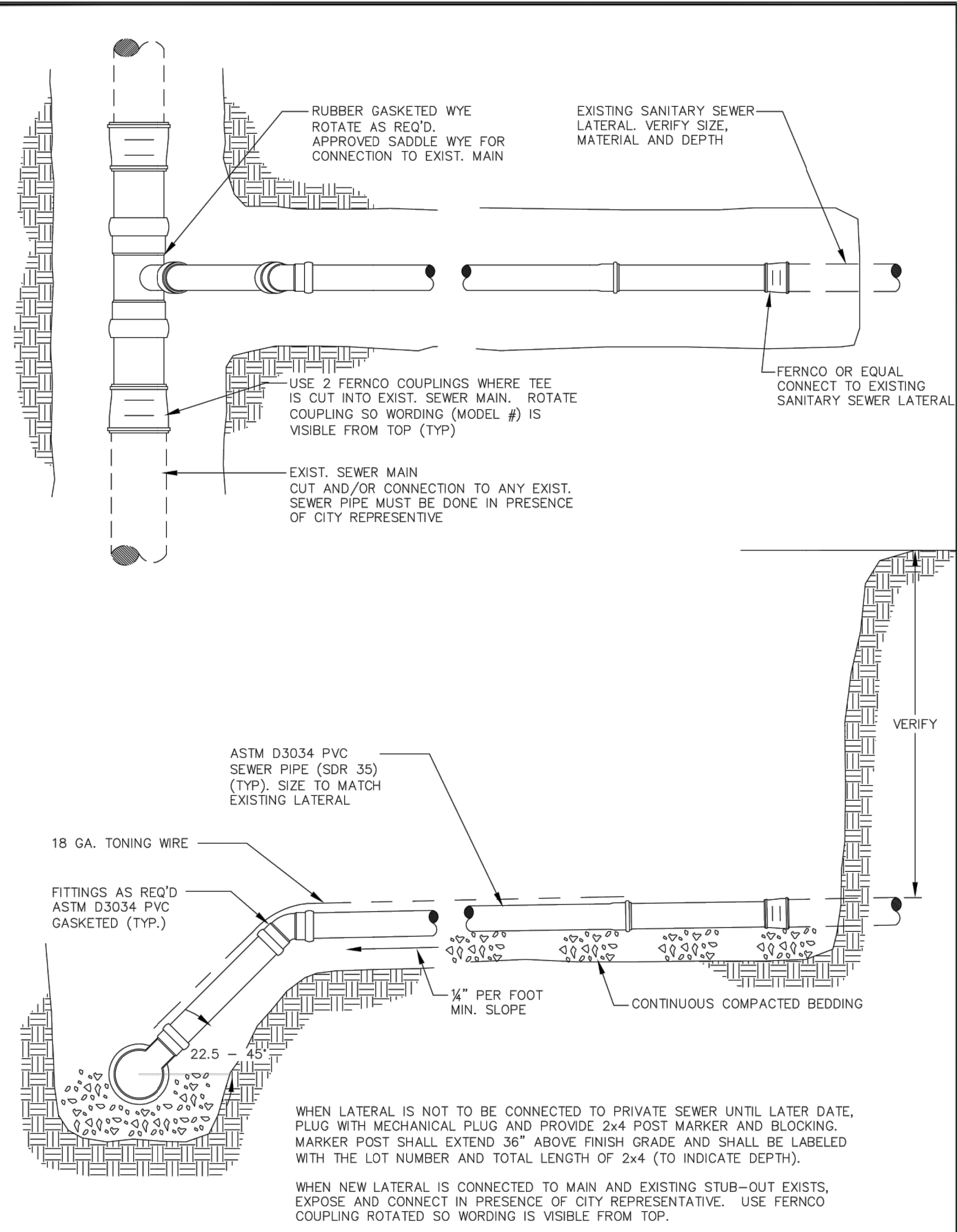
Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No:	1201-061				

CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	STANDARD MANHOLE BASE AND MANHOLE COVER DETAILS	Date	Sheet No.

**C5**  
**JUNE 2017**

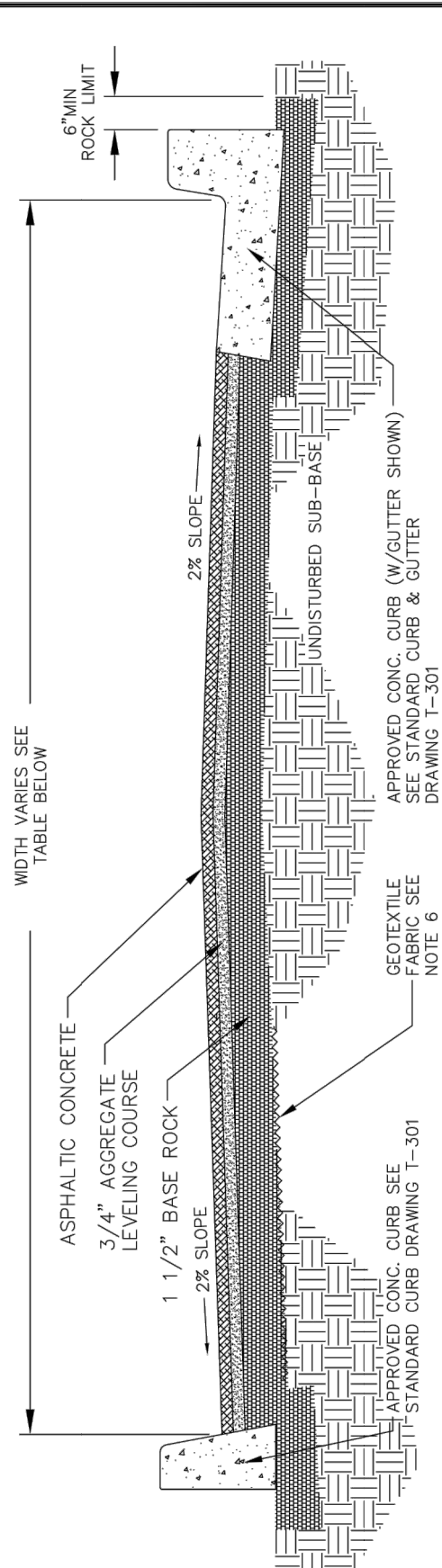


DATE:6/20/17 FILE:O:\CW\_ Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg



WHEN LATERAL IS NOT TO BE CONNECTED TO PRIVATE SEWER UNTIL LATER DATE, PLUG WITH MECHANICAL PLUG AND PROVIDE 2x4 POST MARKER AND BLOCKING. MARKER POST SHALL EXTEND 36" ABOVE FINISH GRADE AND SHALL BE LABELED WITH THE LOT NUMBER AND TOTAL LENGTH OF 2x4 (TO INDICATE DEPTH).

WHEN NEW LATERAL IS CONNECTED TO MAIN AND EXISTING STUB-OUT EXISTS, EXPOSE AND CONNECT IN PRESENCE OF CITY REPRESENTATIVE. USE FERNCO COUPLING ROTATED SO WORDING IS VISIBLE FROM TOP.



STREET TYPE	MIN. WIDTH CURB-TO -CURB*
ARTERIAL/COLLECTOR	70'
5-LANE	50'
3-LANE	36'
LOCAL	28'
RESIDENTIAL	40'
COMMERCIAL/INDUSTRIAL	36'
DEAD END	

\* WIDTHS MAY BE MODIFIED BY THE CITY ENGINEERING DEPARTMENT TO SUIT SITE CONDITIONS

STREET TYPE	ASPHALTIC CONCRETE	AGGREGATE LEVELING COURSE	BASE ROCK
ARTERIAL/COLLECTOR	2-2" LIFTS	2"	10"
LOCAL	2"	2"	10"
ALLEY	2"	2"	10"

\* THICKNESS MAY BE MODIFIED BY THE CITY ENGINEERING DEPARTMENT OR MODIFIED TO MATCH EXISTING CONDITIONS

- NOTES:
- 1) REFERENCE CITY OF COOS BAY LAND DEVELOPMENT ORDINANCE
  - 2) STREETS SHALL BE PAVED CENTERED IN THE PUBLIC RIGHT OF WAY
  - 3) DEVELOPER SHALL OBTAIN WRITTEN APPROVAL TO PAVE OVER PUBLIC UTILITIES FROM: COOS BAY/NORTH BEND WATER BOARD, PACIFIC POWER & LIGHT, VERIZON TELEPHONE, COMCAST CABLE, NORTH WEST NATURAL, AND THE CITY OF COOS BAY.
  - 4) THE DEVELOPER SHALL OBTAIN A RIGHT OF WAY USE PERMIT AND SUBMIT A COMPLETE SET OF ENGINEERED DRAWINGS SHOWING THE PLAN AND PROFILE VIEWS OF EXISTING CONDITIONS AND PROPOSED WORK. WHEN PROJECT IS COMPLETE, THE DEVELOPER SHALL FURNISH THE CITY WITH A COMPLETE SET OF REPRODUCIBLE DRAWINGS AND CD SHOWING THE "AS CONSTRUCTED" CONDITIONS OF THE COMPLETED PROJECT.
  - 5) SEE DESIGN STANDARDS MANUAL FOR COMPACTION OF MATERIALS AND TESTING.
  - 6) GEOTEXTILE FABRIC AS REQ'D
  - 7) REFERENCE THE CITY OF COOS BAY TRANSPORTATION SYSTEM PLAN



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ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

DRAWN BY: JS	
REVISIONS	
REVISED BY:	DATE:

**STANDARD SERVICE CONNECTION**

DRAWING NO.  
**S-17**  
DATE  
**JULY 2016**



**City of Coos Bay**  
ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

DRAWN BY: KN	
REVISIONS	
REVISED BY:	DATE:

**STANDARD PAVED STREET**

DRAWING NO.  
**T-2**  
DATE  
**JULY 2016**

REGISTERED PROFESSIONAL ENGINEER  
84469PE  
OREGON  
JULY 13, 2010  
MARLIN L. GOCHNOUR  
EXPIRATION DATE: 6/30/17

486 E Street  
Coos Bay, Oregon 97420  
541-266-8601  
www.civilwest.com

REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBU	Checked By:	MDW
Project No:	1201-061				

0 1" BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CITY OF COOS BAY  
COOS COUNTY

GOLDEN AVENUE ROADWAY  
RECONSTRUCTION

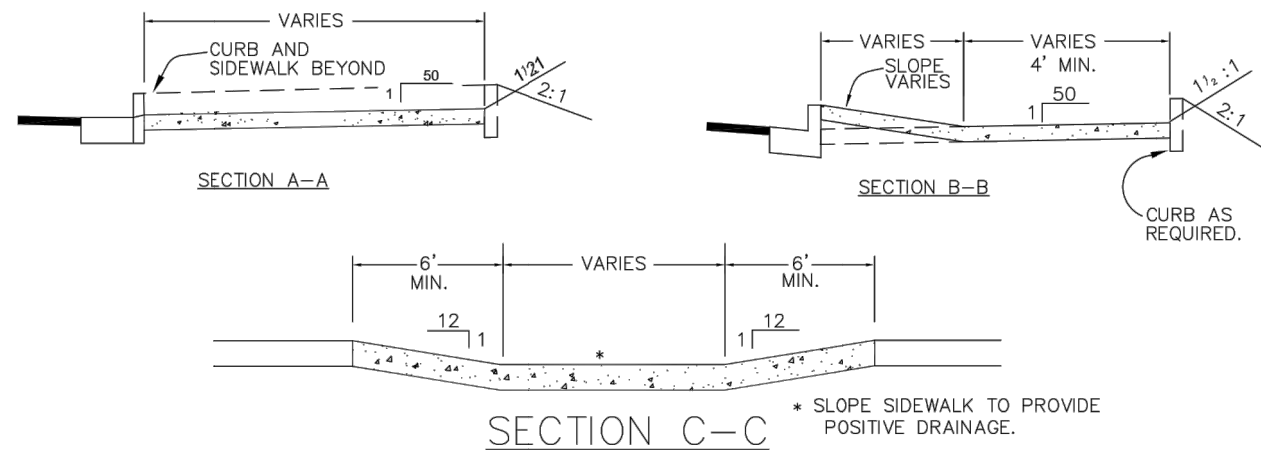
STANDARD SERVICE CONNECTION  
AND PAVED STREET SECTION  
DETAILS

Date Sheet No.

**JUNE 2017**

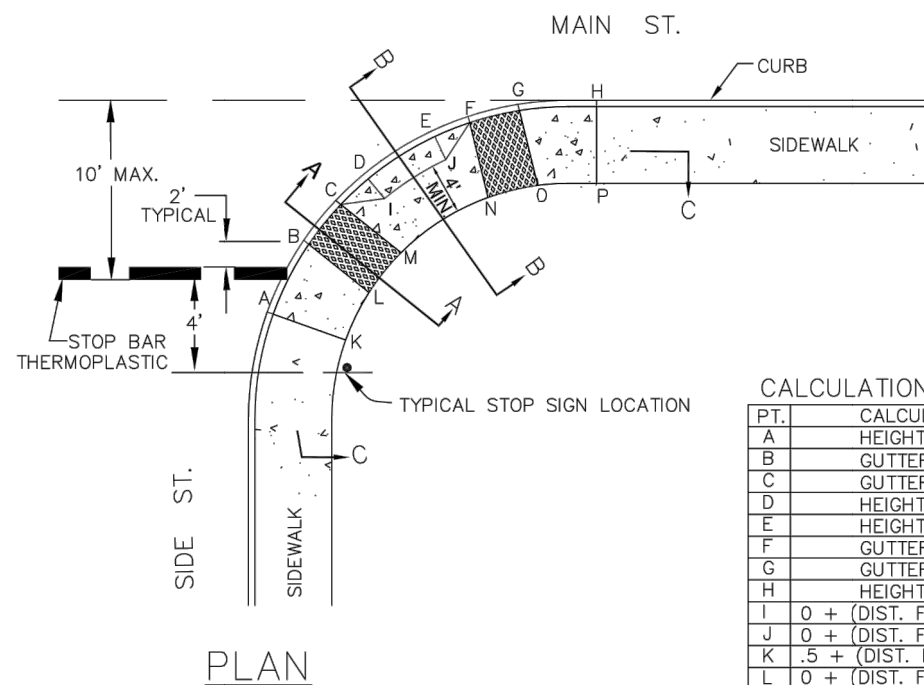






## SIDEWALK RAMP DETAIL

SECTION A-A



TRUNCATED DOME DETAIL

### RAMP TEXTURE DETAIL

## RAMP TEXTURE DETAIL

PT.	CALCULATION METHOD	* + FROM GUTTER
A	HEIGHT OF CURB	.5
B	GUTTER	0
C	GUTTER	0
D	HEIGHT OF CURB	.5
E	HEIGHT OF CURB	.5
F	GUTTER	0
G	GUTTER	0
H	HEIGHT OF CURB	.5
I	0 + (DIST. FROM D TO I) x .02	*
J	0 + (DIST. FROM E TO J) x .02	*
K	.5 + (DIST. FROM A TO K) x .02	*
L	0 + (DIST. FROM B TO L) x .02	*
M	0 + (DIST. FROM C TO M) x .02	*
N	0 + (DIST. FROM F TO N) x .02	*
O	0 + (DIST. FROM G TO O) x .02	*
P	.5 + (DIST. FROM H TO P) x .02	*



DRAWN BY: KN	
REVISIONS	
REVISED BY:	DATE:

DRAWING NO.	T-11
DATE	JULY 2016

**City of Coos Bay**  
ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

### RAMP & TEXTURE DETAIL WITHOUT PLANTER STRIP

DRAWING NO.	T-12
DATE	JULY 2016



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541-266-8601  
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[illegible]

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CITY OF COOS BAY  
COOS COUNTY

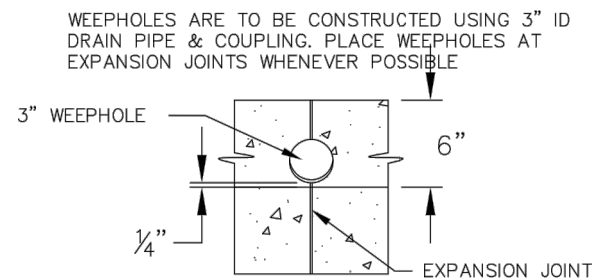
GOLDEN AVENUE ROADWAY  
RECONSTRUCTION

## ADA RAMP AND TEXTURE WITHOUT PLANTER STRIP DETAILS

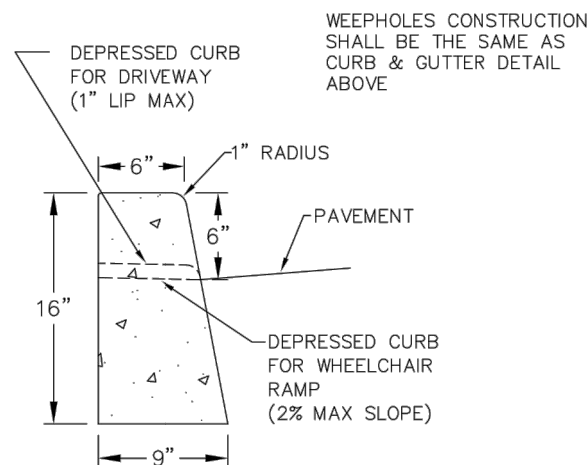


**JUNE 2017**



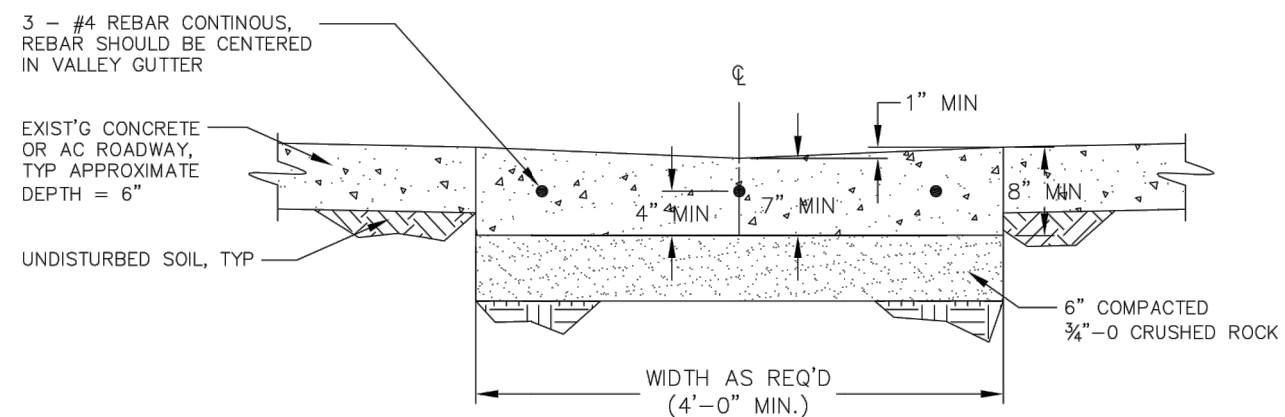
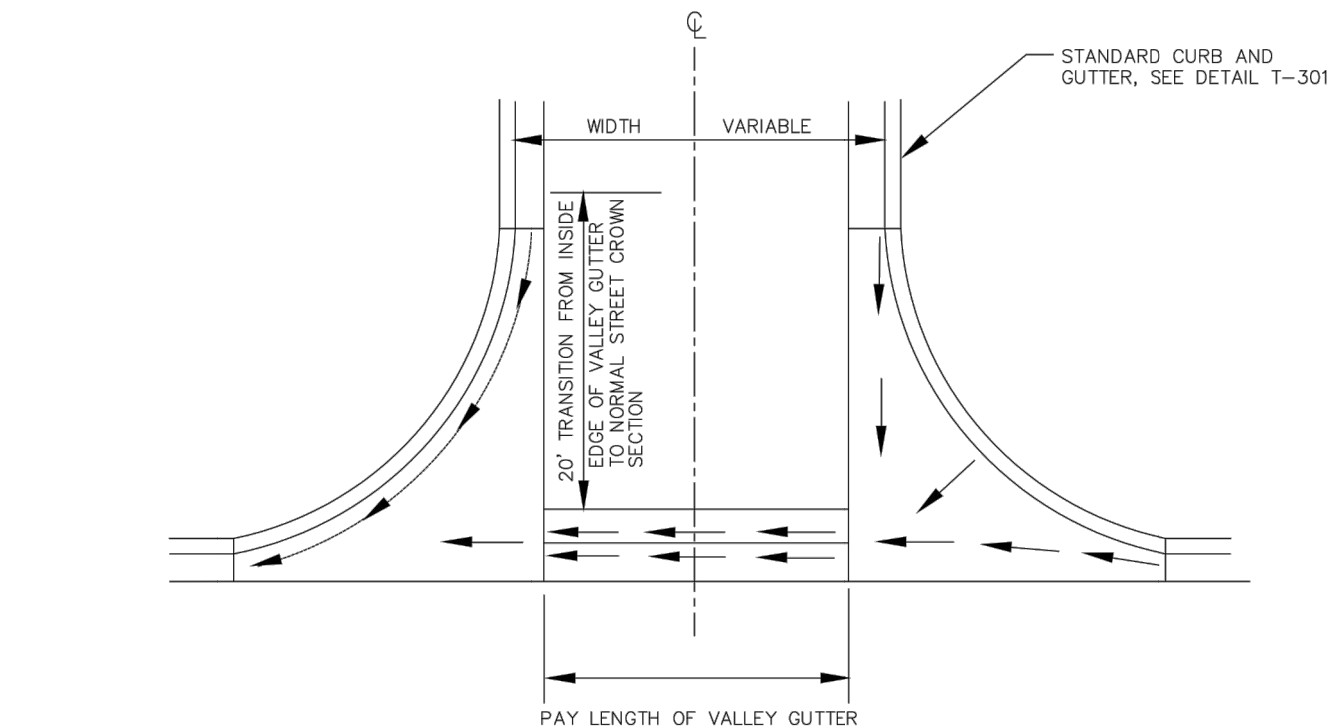


SECTION AA: WEEPHOLES  
NOT TO SCALE



TYPICAL STRAIGHT CURB (TYPE C)  
NOT TO SCALE

- NOTES:
1. CONCRETE PER CITY OF COOS BAY STANDARD SPECIFICATIONS.
  2. CONTRACTION JOINTS
    - A) TO BE PROVIDED
      - AT EACH POINT OF TANGENCY
      - AT EACH COLD JOINT
      - AT EACH SIDE OF INLET STRUCTURES
      - AT BOTH SIDES OF AN APPROACH
    - B) SPACING TO BE NOT MORE THAN 10 FEET
    - C) THE DEPTH OF THE JOINT SHALL BE AT LEAST 1/3 OF THE THICKNESS OF CONCRETE
    - D) EXPANSION JOINTS IN CURB & GUTTER SHALL BE PLACED AT MAX 50' INTERVALS IN 10' MULTIPLES
  3. BASE ROCK - 1-1/2"-0", 95% COMPACTION  
ROCK SHALL BE TO SUBGRADE OF THE STREET SECTION OR 4" IN DEPTH, WHICHEVER IS GREATER
  4. DRAINAGE BLOCK - 3" DIA. PLASTIC PIPE
    - A) DRAINAGE ACCESS THROUGH EXISTING CURBS SHALL BE DONE BY:
      - CORE DRILLING, OR
      - VERTICAL SAWCUT OF CURB 18" EACH SIDE OF DRAIN AND RE-POURED TO FULL DEPTH OF CURB
  5. STAMP TOP OF CURB WITH "W" AT WATER SERVICE CROSSING AND "S" AT SANITARY LATERAL CROSSING AS SPECIFIED
  6. SEE STANDARD CURB CUT DETAIL FOR DRIVEWAY
  7. TYPICAL STRAIGHT CURB (TYPE C) ALLOWED FOR REPLACEMENT OF EXISTING TYPE C CURBS AND NOT RECOMMENDED FOR NEW CONSTRUCTION



NOTE:

1. VALLEY GUTTERS ARE NOT TO BE USED EXCEPT FOR IN ALLEYS OR OTHER SPECIAL CONDITIONS AS APPROVED BY CITY ENGINEER.



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REVISED BY:	DATE:

## CURB AND GUTTER DETAILS

DRAWING NO.	T-13
DATE	JULY 2016



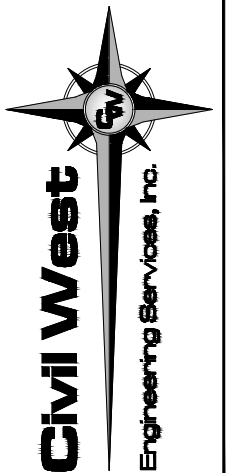
DRAWN BY: KN	
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REVISED BY:	DATE:

### VALLEY GUTTER DETAIL

DRAWING NO.	T-14
DATE	JULY 2016



EXPIRATION DATE: 6/30/17



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CITY OF COOS BAY  
COOS COUNTYGOLDEN AVENUE ROADWAY  
RECONSTRUCTION

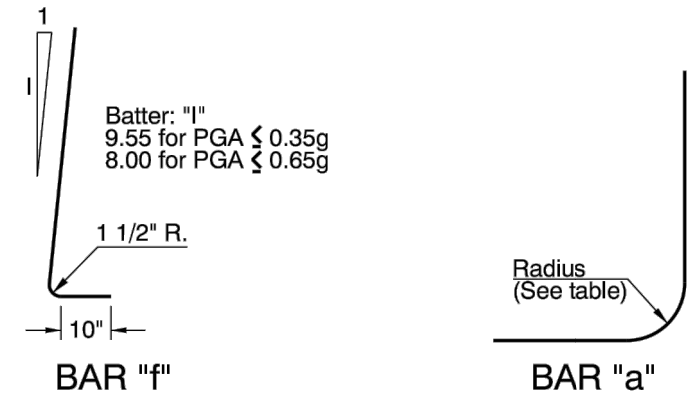
## STANDARD CURB AND GUTTER AND VALLEY GUTTER DETAILS



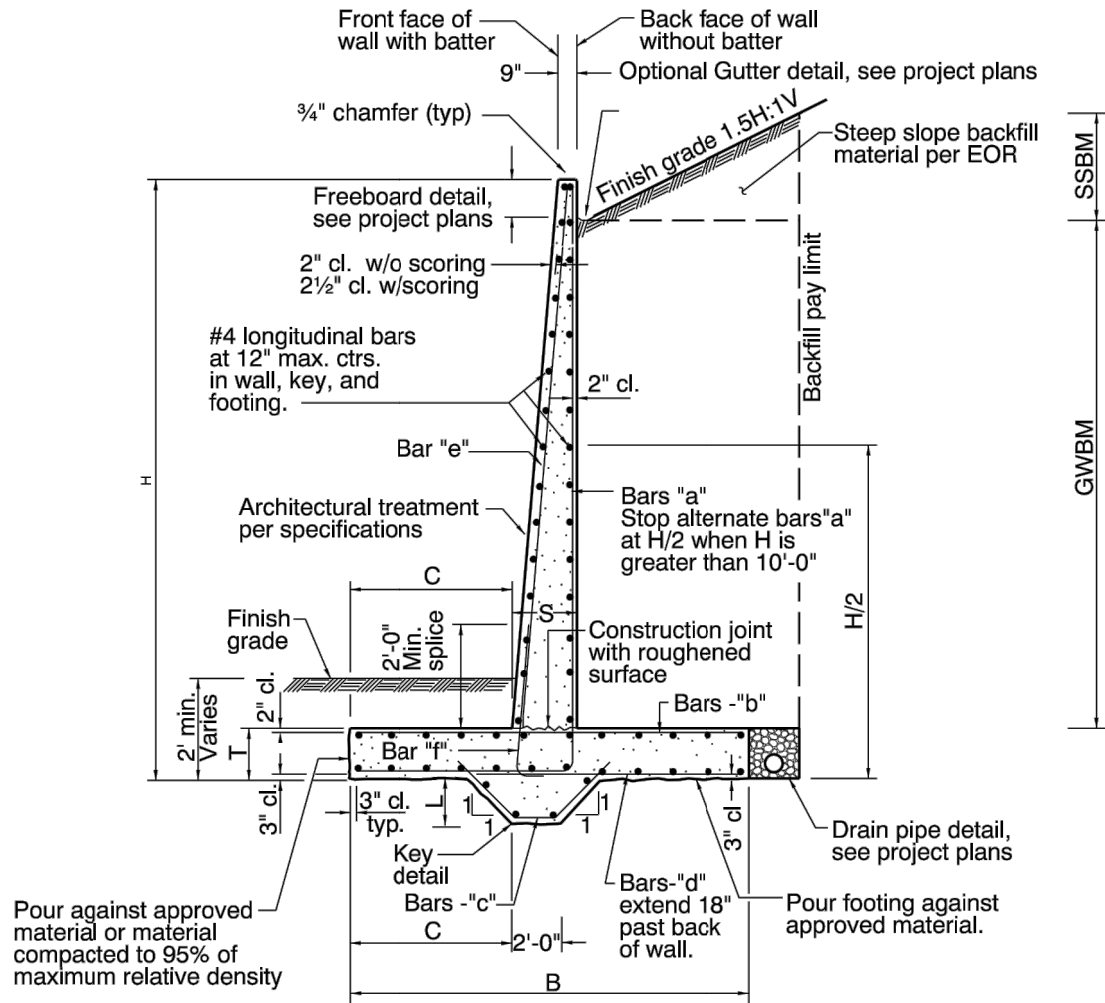
**JUNE 2017**



DATE:6/20/17 FILE:O:\CW\_Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAIL.S.dwg



BAR	RADIUS	BAR	MIN. SPLICE
#4	1 1/2"	#4	2' - 0"
#5	1 7/8"	#5	2' - 0"
#6	2 1/4"	#6	2' - 0"
#7	2 5/8"	#7	2' - 6"
#8	3"	#8	3' - 3"
#9	4 3/4"	#9	4' - 2"
#10	5 3/8"	#10	5' - 3"

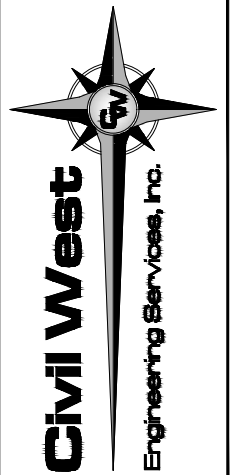
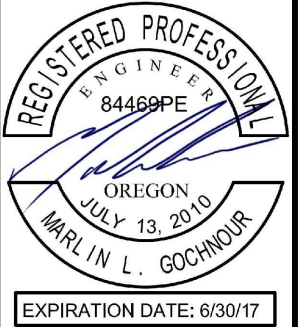


WALL DATA FOR PGA ≤ 0.35g														
H	B	C	S	T	L	Bars a	Bars b	Bars c	Bars d	Bars e	Conc. Cu. Yd./Lin.Ft	Factored Soil Pressure, psf		
												Service	Strength-I	Extreme-I
4' - 0"	4' - 0"	1' - 0"	12 3/4"	12"	---	#4 @ 18"	#4 @ 18"	---	#4 @ 18"	#4 @ 18"	0.25	537	789	520
6' - 0"	5' - 0"	1' - 0"	15 1/4"	12"	---	#4 @ 12"	#4 @ 14"	---	#4 @ 18"	#4 @ 18"	0.37	811	1149	872
8' - 0"	6' - 0"	1' - 0"	17 7/8"	12"	---	#4 @ 9"	#4 @ 12"	---	#4 @ 14"	#4 @ 14"	0.51	1104	1569	1289
10' - 0"	7' - 0"	1' - 3"	20 1/4"	12"	---	#4 @ 6"	#4 @ 9"	---	#4 @ 12"	#4 @ 12"	0.67	1326	1890	1668
12' - 0"	8' - 0"	1' - 6"	22 7/8"	12"	---	#5 @ 6"	#5 @ 6"	---	#5 @ 18"	#5 @ 18"	0.84	1546	2209	2068
14' - 0"	9' - 0"	1' - 9"	25"	15"	---	#6 @ 9"	#5 @ 6"	---	#5 @ 16"	#5 @ 16"	1.09	1791	2560	2513
16' - 0"	10' - 6"	2' - 3"	27 1/4"	18"	---	#7 @ 9"	#6 @ 6"	---	#5 @ 14"	#5 @ 14"	1.39	1919	2723	2719
18' - 0"	12' - 0"	2' - 9"	29 1/2"	20"	---	#7 @ 6"	#6 @ 6"	---	#5 @ 12"	#5 @ 12"	1.71	2049	2892	2928
20' - 0"	13' - 6"	3' - 3"	31 7/8"	22"	---	#8 @ 9"	#7 @ 6"	---	#5 @ 12"	#5 @ 12"	2.06	2185	3072	3146
22' - 0"	14' - 9"	4' - 0"	34"	25"	---	#9 @ 9"	#7 @ 6"	---	#5 @ 10"	#5 @ 10"	2.46	2276	3196	3357
24' - 0"	16' - 0"	5' - 0"	36 3/8"	27"	1' - 0"	#9 @ 6"	#7 @ 6"	#4 @ 18"	#5 @ 10"	#5 @ 10"	2.97	2337	3278	3530

NOTE: PGA is Peak Ground Acceleration value for 1000-yr return period, AASHTO LRFD 2010.

1  
C10

STANDARD RETAINING WALL



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REV.	DATE	DESCRIPTION	BY

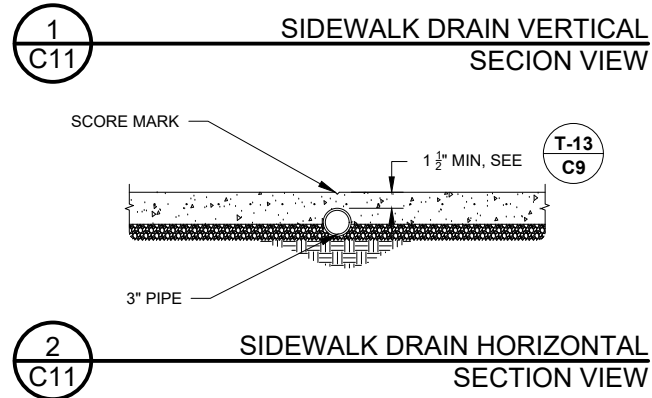
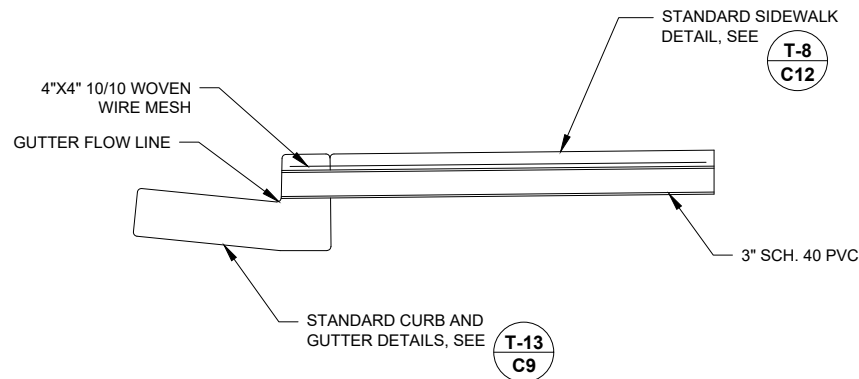
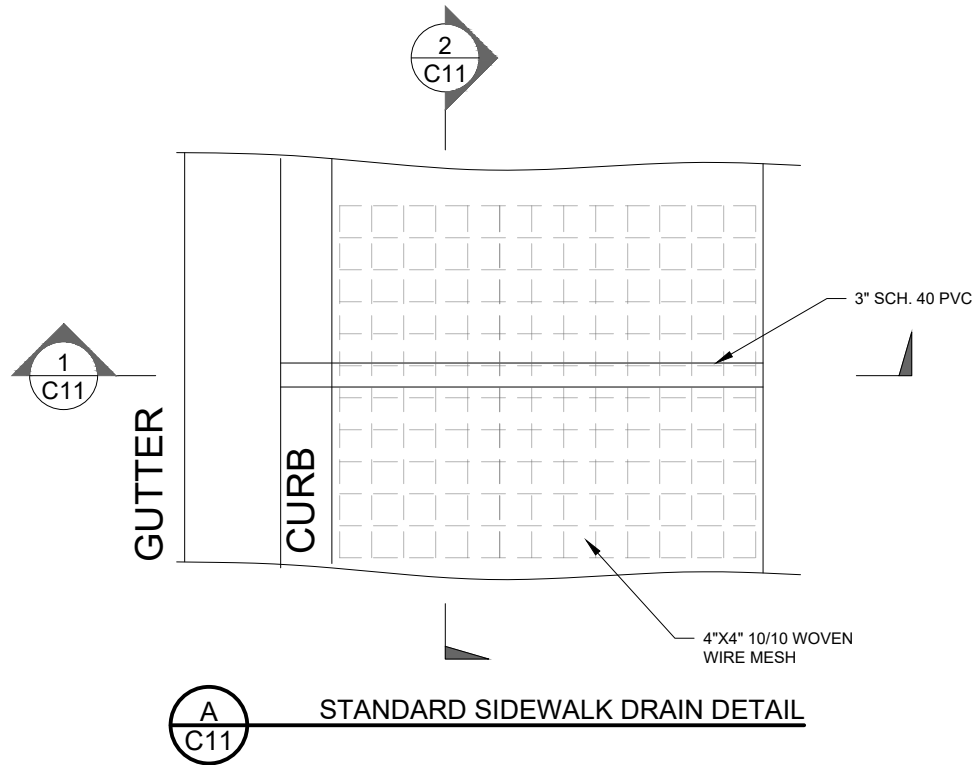
Designed By:	WD	Drawn By:	JBW	Checked By:	MDW
Project No:	1201-061				

1" = 1'

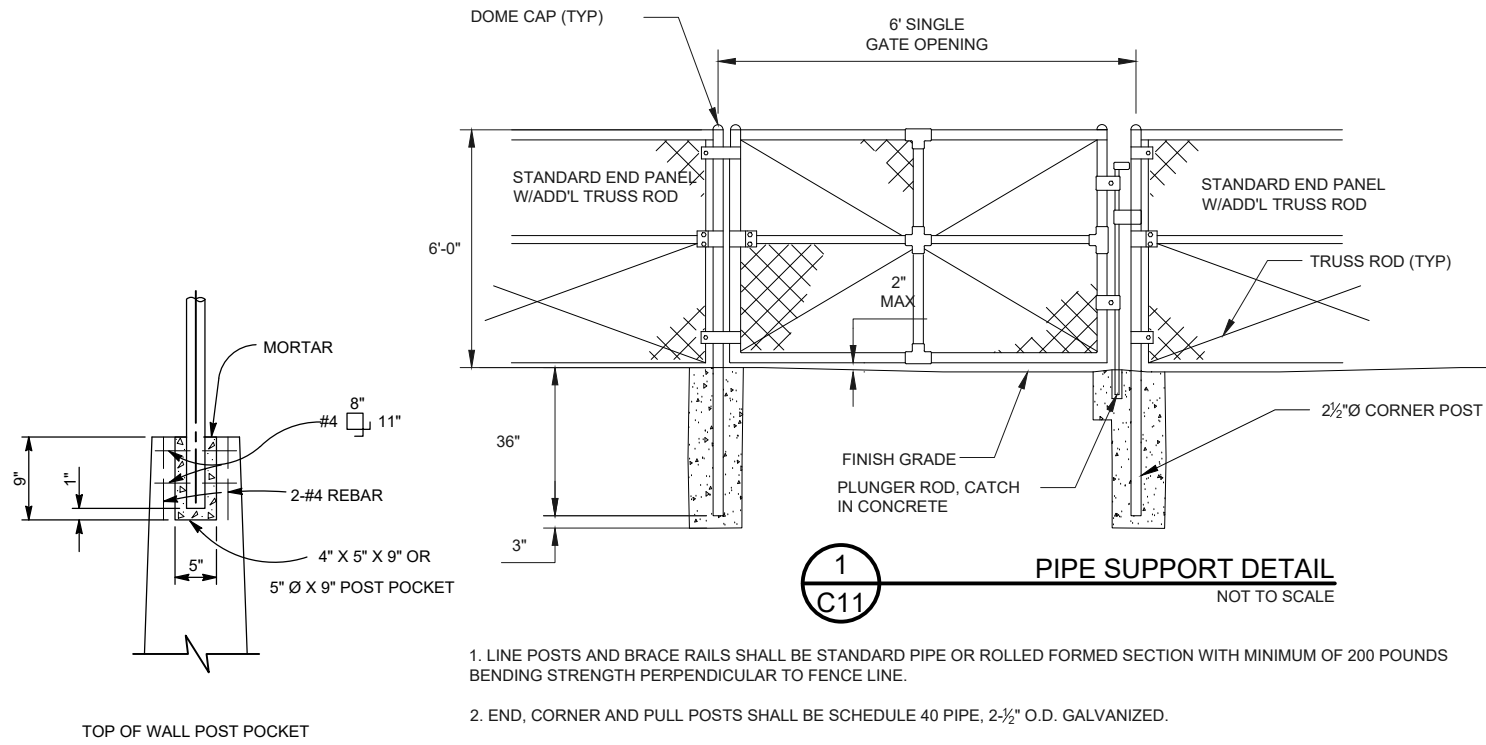
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CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	STANDARD RETAINING WALL DETAIL
Date	Sheet No.	C10
		JUNE 2017

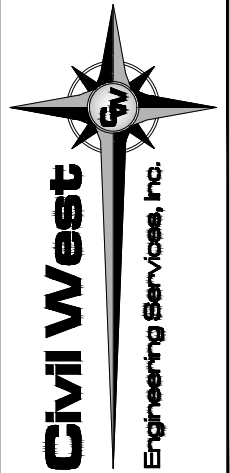
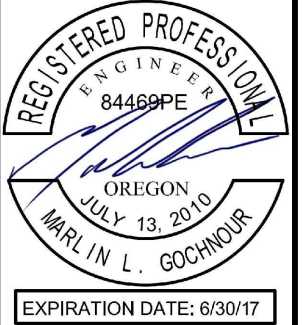
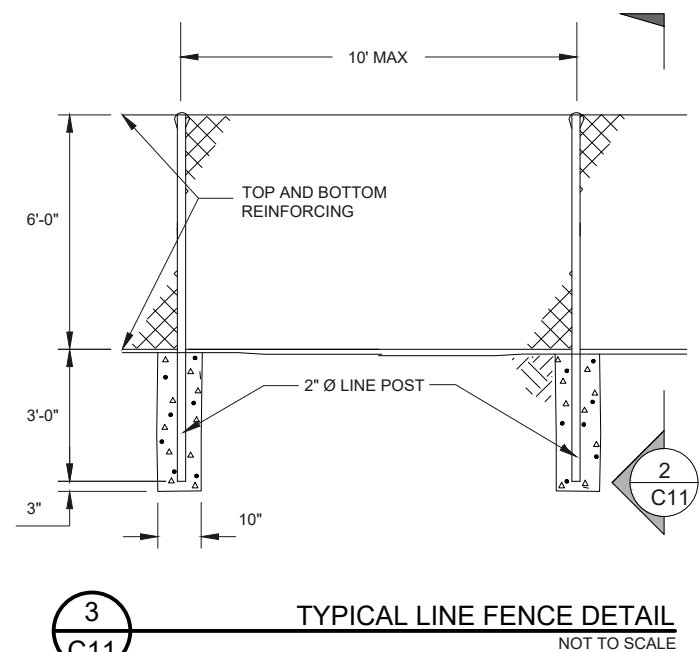
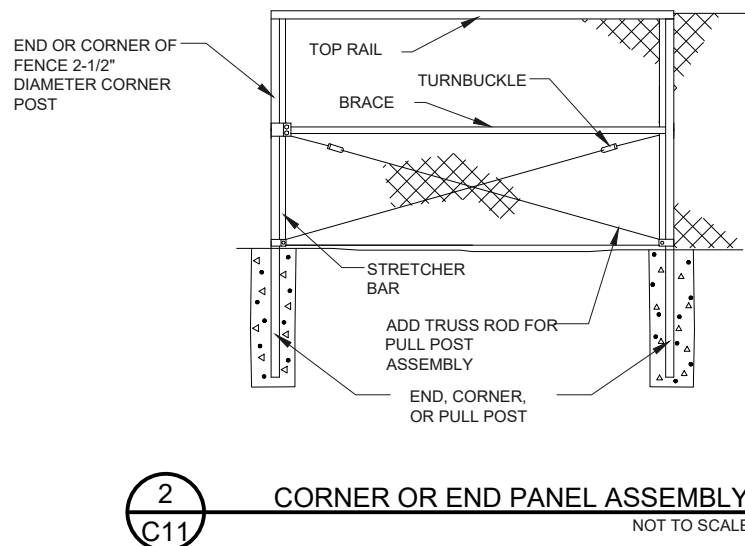
DATE:6/20/17 FILE:O:\CW\_ Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg



- NOTES:
1. WIRE MESH SHALL BE FULL WIDTH OF SIDEWALK MINUS 2". LENGTH OF WIRE MESH SHALL, AT MINIMUM, EQUAL THE WIDTH AND BE CENTERED OVER THE PIPE.
  2. ON-SITE DRAINAGE AND LOCATION OF CURB OUTLETS SHALL BE BY OWNER TO THE SATISFACTION OF THE CITY ENGINEER.
  3. DRAIN PIPE SHALL BE INSTALLED SO THAT THE TOP OF PIPE IS 1 1/2" (MIN.) BELOW FINISHED GRADE AT BACK OF SIDEWALK.
  4. SIDEWALK SHALL BE REMOVED TO THE NEAREST SCORE MARK.
  5. IF SIDEWALK AND GUTTER ARE NOT CONTIGUOUS, CURB MAY BE CORED OR CURB AND GUTTER REMOVED AND REPLACED A MINIMUM OF ONE FOOT ON EACH SIDE OF THE DRAIN PIPE. DOWEL NEW GUTTER TO EXISTING CURB AND GUTTER WITH (2) 12" #4 REBAR, PLACE ONE DOWEL IN CURB AND ONE IN GUTTER PAN USING EPOXY.
  6. IF SIDEWALK AND GUTTER ARE CONTIGUOUS, POUR MONOLITHIC WITH WIRE FABRIC EXTENDING INTO CURB.



1. LINE POSTS AND BRACE RAILS SHALL BE STANDARD PIPE OR ROLLED FORMED SECTION WITH MINIMUM OF 200 POUNDS BENDING STRENGTH PERPENDICULAR TO FENCE LINE.
2. END, CORNER AND PULL POSTS SHALL BE SCHEDULE 40 PIPE, 2-1/2" O.D. GALVANIZED.
3. ALL POSTS, RAILS AND APPURTENANCES SHALL BE HOT DIPPED ZINC COATED STEEL PER ASTM SPECIFICATIONS A-120, A-123 OR A153 WHICH EVER IS APPLICABLE.
4. ALL PIPE POSTS SHALL HAVE CAPS WHICH EXCLUDE MOISTURE.
5. SPACE BETWEEN THE TOP OF FINISHED GRADE AND BOTTOM OF CHAIN LINK FABRIC SHALL NOT EXCEED TWO (2) INCHES.
6. POST EMBEDS IN TOP OF WALL SHALL BE CENTERED IN WALL



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REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBU	Checked By:	MDW
Project No:	1201-061				

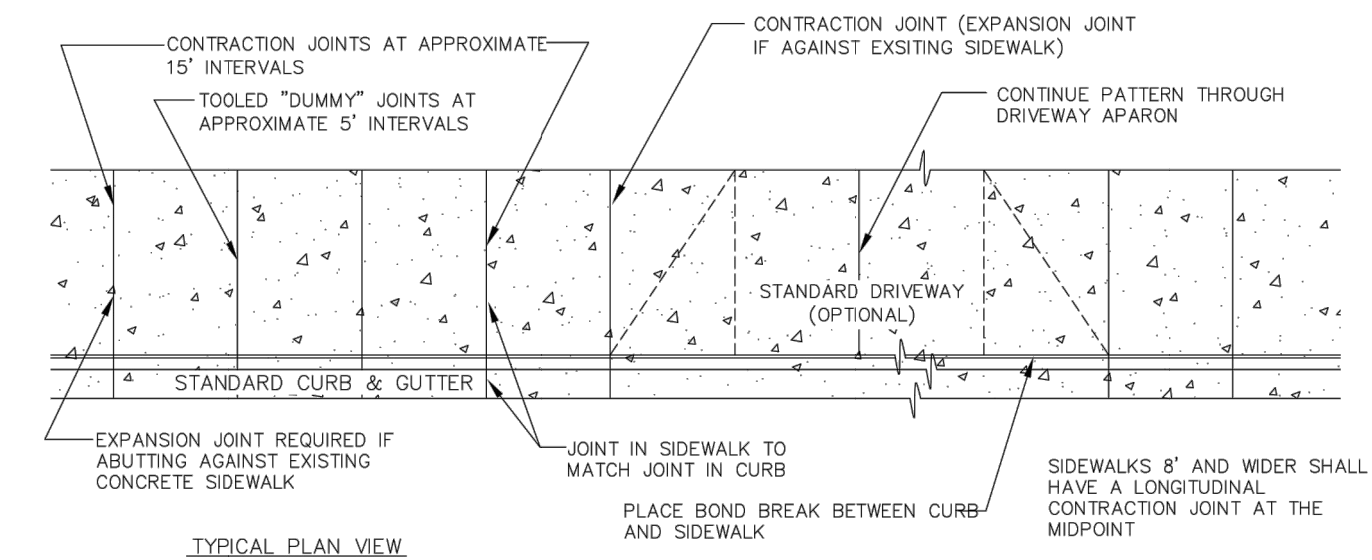
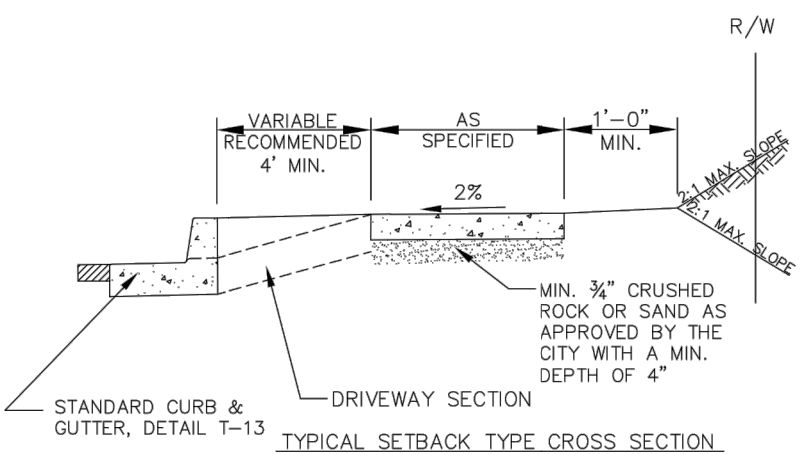
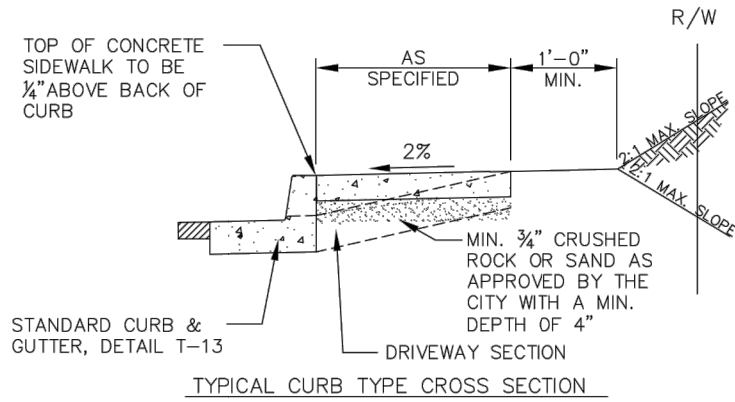
1" = 1' INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	SIDEWALK DRAIN AND STANDARD FENCING DETAILS
---------------------------------	---	--

Date	Sheet No.

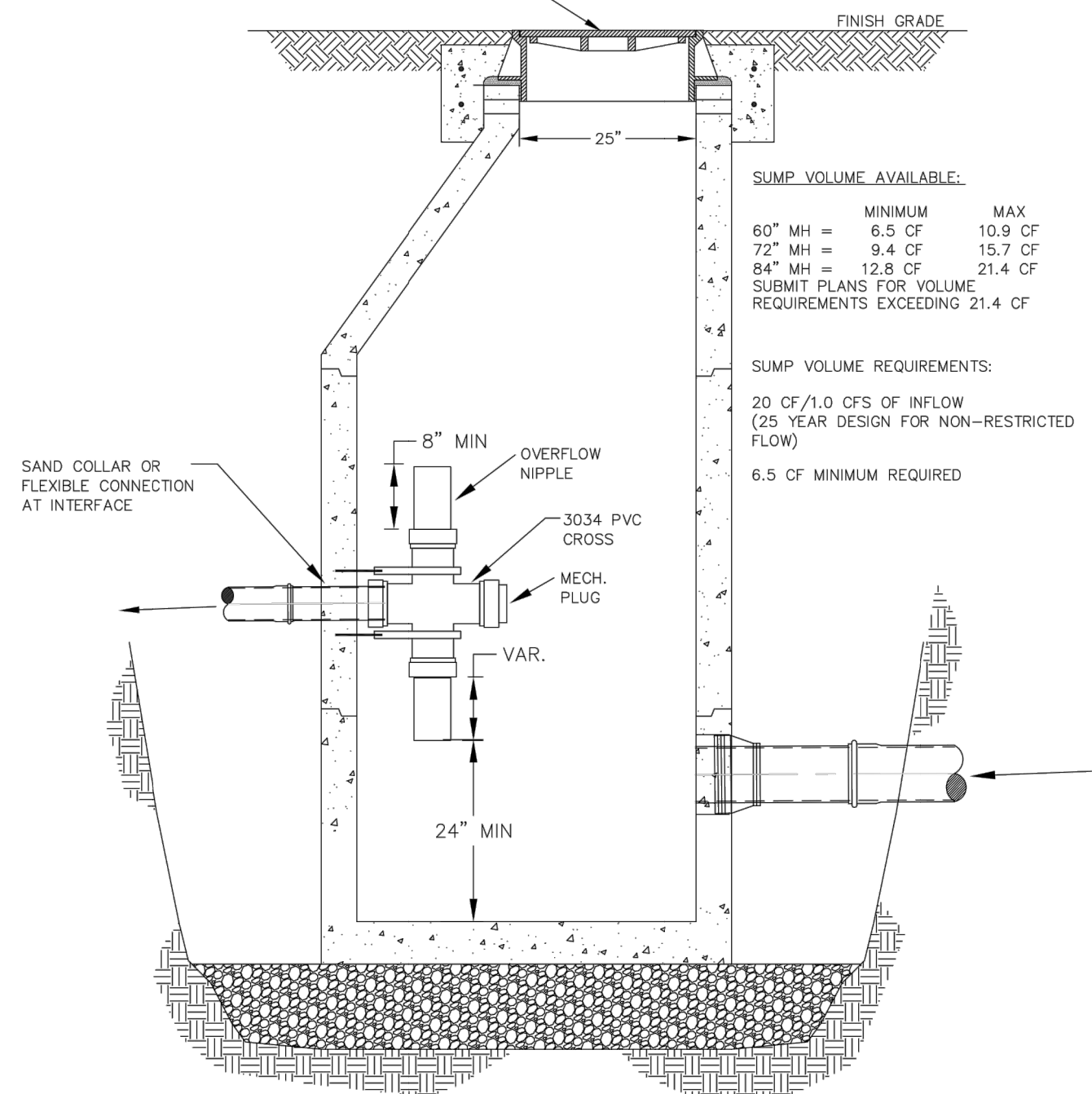
**C11**  
**JUNE 2017**

DATE:6/20/17 FILE:O:\CW\_Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg



- NOTES:
1. CONCRETE PER CITY OF COOS BAY STANDARD SPECIFICATIONS.
  2. STANDARD SIDEWALK CROSS SLOPE SHALL BE 2%. WHEN THE LOT IS BELOW THE TOP OF THE CURB AND SLOPE DOWN FROM CURB, A MINUS 2% SLOPE MAY BE REQUIRED.
  3. CONCRETE DEPTH FOR SIDEWALKS SHALL BE A NOMINAL 4" MIN. DRIVEWAY SECTIONS INCLUDING SIDEWALKS THROUGH DRIVEWAYS SHALL BE NOMINAL 6" MIN FOR RESIDENTIAL AND 8" FOR COMMERCIAL AND INDUSTRIAL APPROACHES.
  4. CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATE INTERVALS OF 15' BY CUTTING AT LEAST 1/2 OF THE DEPTH OF THE CONCRETE. "DUMMY" JOINTS SHALL BE INSTALLED AT APPROXIMATE INTERVALS OF 5'. EXPANSION JOINTS WITH PREMOLDED FILLER SHALL BE INSTALLED BETWEEN DRIVEWAYS & SIDEWALKS AT THE DIRECTION OF THE ENGINEER, SEE DRIVEWAY STANDARD
  5. INSTALL A BOND BREAKER OR ISOLATION JOINT BETWEEN BACK OF CURB & SIDEWALK, & AROUND ANY OBSTRUCTION WITHIN SIDEWALK AREA
  6. DRAIN BLOCKOUTS IN THE CURB SHALL BE EXTENDED TO THE BACK OF THE SIDEWALK WITH A 3" DIA. PLASTIC PIPE AT A 2% SLOPE. A CONTRACTION JOINT SHALL BE PLACED OVER THE PIPE
  7. SEE STANDARD WHEELCHAIR/BICYCLE RAMP DETAILS FOR SIDEWALK PATTERNS AT INTERSECTION CURB RETURNS
  8. SEE, ALSO, STANDARD DETAILS FOR DRIVEWAYS, T-5, T-6
  9. A MIN. SEPARATION OF 4' BETWEEN CURB & SIDEWALK IS RECOMMENDED FOR LANDSCAPE MAINTENANCE
  10. SIDEWALKS 8' AND WIDER SHALL HAVE A LONGITUDINAL CONTRACTION JOINT AT THE MIDPOINT

CAST IRON (H-20 RATED) MANHOLE COVER AND FRAME, SEE STANDARD DETAIL S-6



SUMP VOLUME AVAILABLE:

	MINIMUM	MAX
60" MH =	6.5 CF	10.9 CF
72" MH =	9.4 CF	15.7 CF
84" MH =	12.8 CF	21.4 CF

SUBMIT PLANS FOR VOLUME REQUIREMENTS EXCEEDING 21.4 CF

SUMP VOLUME REQUIREMENTS:  
20 CF/1.0 CFS OF INFLOW  
(25 YEAR DESIGN FOR NON-RESTRICTED FLOW)  
6.5 CF MINIMUM REQUIRED

FOR STANDARD MANHOLE DETAILS, SEE S-11  
FOR FLAT TOP MANHOLE DETAILS, SEE S-12

**City of Coos Bay**  
ENGINEERING DEPARTMENT  
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Coos Bay, Oregon 97420  
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REVISIONS	
REVISOR	DATE

**STANDARD SIDEWALK DETAILS**

DRAWN BY: KN
T-8
DATE
JULY 2016

**City of Coos Bay**  
ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
541-269-8918

REVISIONS	
REVISOR	DATE

**STORM SEWER MANHOLE DETAIL**

DRAWING NO.
S-5
DATE
JULY 2016

**REGISTERED PROFESSIONAL ENGINEER**  
84469PE  
OREGON  
JULY 13, 2010  
MARLIN L. GOCHNOUR  
EXPIRATION DATE: 6/30/17

**Civil West Engineering Services, Inc.**  
486 E Street  
Coos Bay, Oregon 97420  
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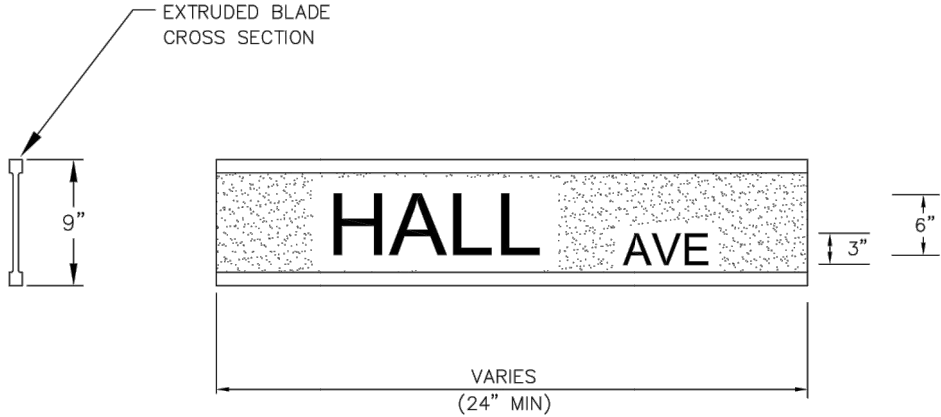
Designed By: JBU  
Drawn By: JBU  
Checked By: MDW  
Project No: 1201-061

CITY OF COOS BAY  
COOS COUNTY  
GOLDEN AVENUE ROADWAY RECONSTRUCTION  
STANDARD SIDEWALK AND STORM SEWER MANHOLE DETAIL  
C12  
JUNE 2017





DATE:6/20/17 FILE:O:\CW\_Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE DETAILS.dwg



NOTES:

1. MATERIALS

STREET NAME SIGN SHALL BE 9" HEIGHT, EXTRUDED ALUMINUM. THE MINIMUM LENGTH SHALL BE 24" AND MAXIMUM LENGHT SHALL BE 36"  
BOTH SIDES OF STREET NAME SIGNS SHALL BE GREEN 3M SCOTCHLITE BRAND HIGH INTENSITY REFLECTIVE SHEETING WITH WHITE BORDER.

2. LETTERING

ALL LETTERS, NUMBERS, AND BORDERS USED TO FABRICATE A STREET NAME SIGN SHALL BE HIGH INTENSITY SILVER USING 3M SCOTCHLITE BRAND. THERE ARE TWO SIZES OF LETTERS THAT MAKE UP A STREET NAME SIGN. FOR PREFIXES, SUFFIXES, AND BLOCK NUMBERS. A 3" SERIES 'C' IS USED. THE ACTUAL NAME OF THE STREET IS A 6" SERIES 'B'. ALL STREET NAME SIGNS SHALL HAVE BLOCK NUMBERS, AS ASSIGNED BY THE CITY, WHEN INSTALLED BY CONTRACTOR.

3. MISCELLANEOUS

STREET NAMES SHALL BE APPROVED BY THE PUBLIC WORKS DIRECTOR PRIOR TO THE SIGNS BEING FABRICATED AND INSTALLED.



**City of Coos Bay**

ENGINEERING DEPARTMENT  
500 Central Avenue  
Coos Bay, Oregon 97420  
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REVISIONS	
REVISED BY:	DATE:

**STREET SIGN AND  
LETTERING DETAILS**

DRAWING NO. T-15
DATE JULY 2016



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Designed By: WD		Drawn By: JBJ	MDW
Project No: 1201-061		Checked By:	

0 1'  
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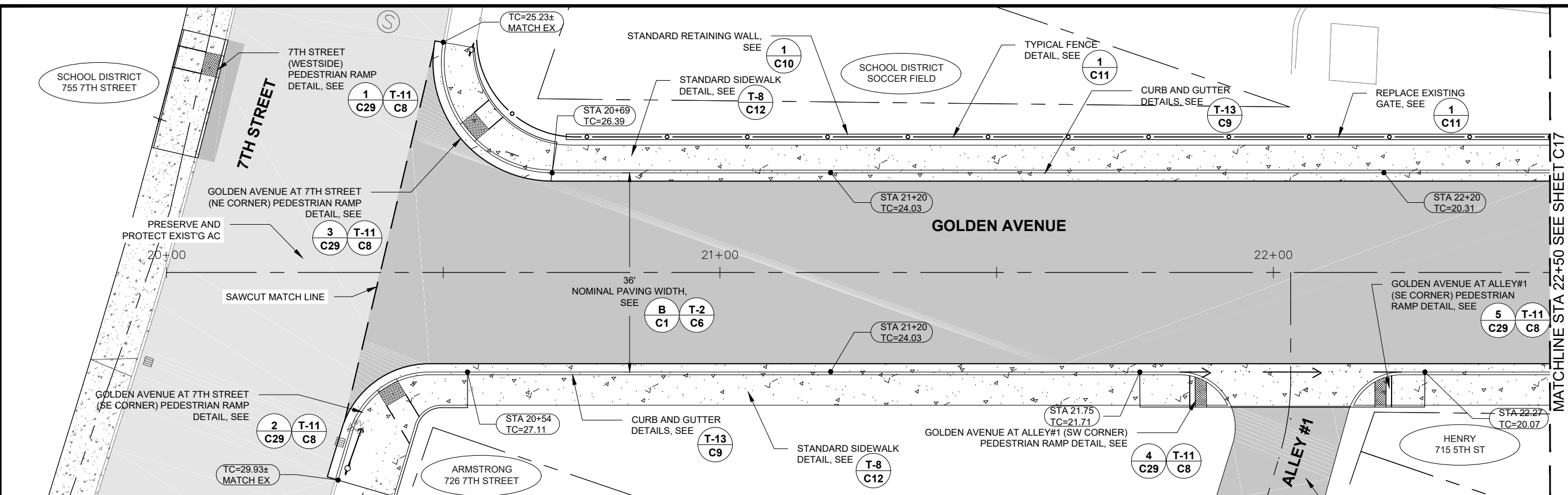
CITY OF COOS BAY COOS COUNTY
GOLDEN AVENUE ROADWAY RECONSTRUCTION
STREET SIGN AND LETTERING DETAILS

Date	Sheet No. <b>C14</b>
<b>JUNE 2017</b>	







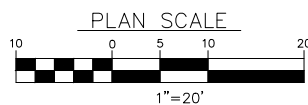


SHEET NOTES:

1. CONTRACTOR SHALL CONDUCT "ONE CALL" FOR UTILITY LOCATES PRIOR TO THE START OF ANY EXCAVATION.
2. EXISTING MAILBOXES, FENCES, POWER POLES, GUY WIRES, AND OTHER UTILITIES MAY BE IN CLOSE PROXIMITY TO THE IMPROVEMENTS SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL PROTECT THESE STRUCTURES IN PLACE (UNLESS NOTED OTHERWISE) OR REPAIR TO PRE-CONSTRUCTION CONDITION IF DISTURBED DURING CONSTRUCTION.
3. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC OPEN AT ALL TIMES DURING COURSE OF CONSTRUCTION.
4. CONTRACTOR TO MAINTAIN ACCESS TO THE POST OFFICE DRIVEWAYS DURING CONSTRUCTION.
5. ALL TRAVELED WALKWAYS SHALL BE SAFE AND USEABLE AT THE END OF EACH WORK DAY AS DIRECTED BY THE ENGINEER.
6. FOR ALL CURB RETURNS/ PEDESTRIAN RAMPS SEE DETAIL SHEETS



PLAN STA 20+00 TO 22+50

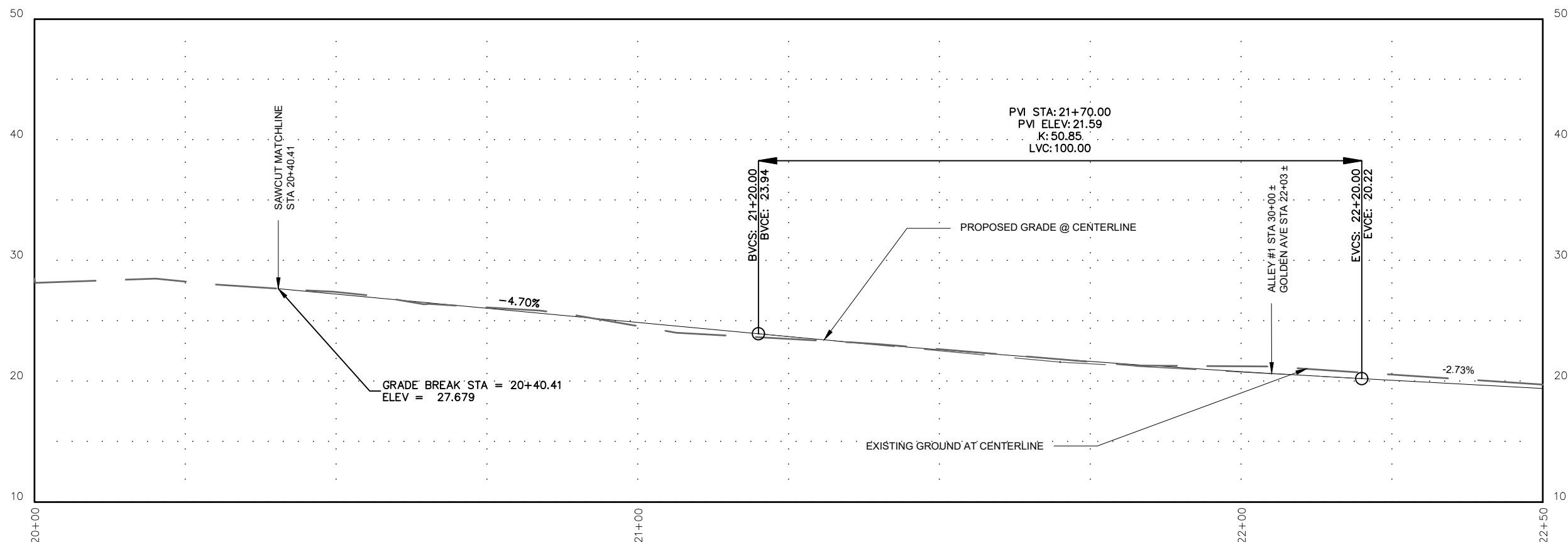


### HATCH LEGEND

NEW CONCRETE

NEW PAVEMENT

— PLAN AND PROFILE STA  
30+00 TO 30+71, SEE

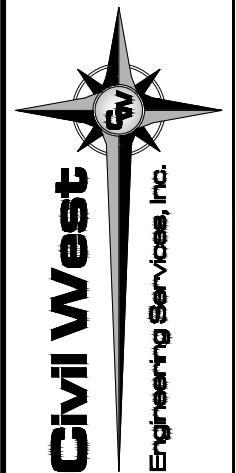


PROFILE STA 20+00 TO 22+50

SCALE HORZ 1"=20'  
VERT 1"=10'



EXPIRATION DATE: 6/30/17



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REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JB	Checked By:	MDW
Project No: 1201-061					

0  1"

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0  1

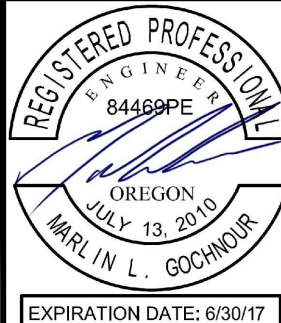
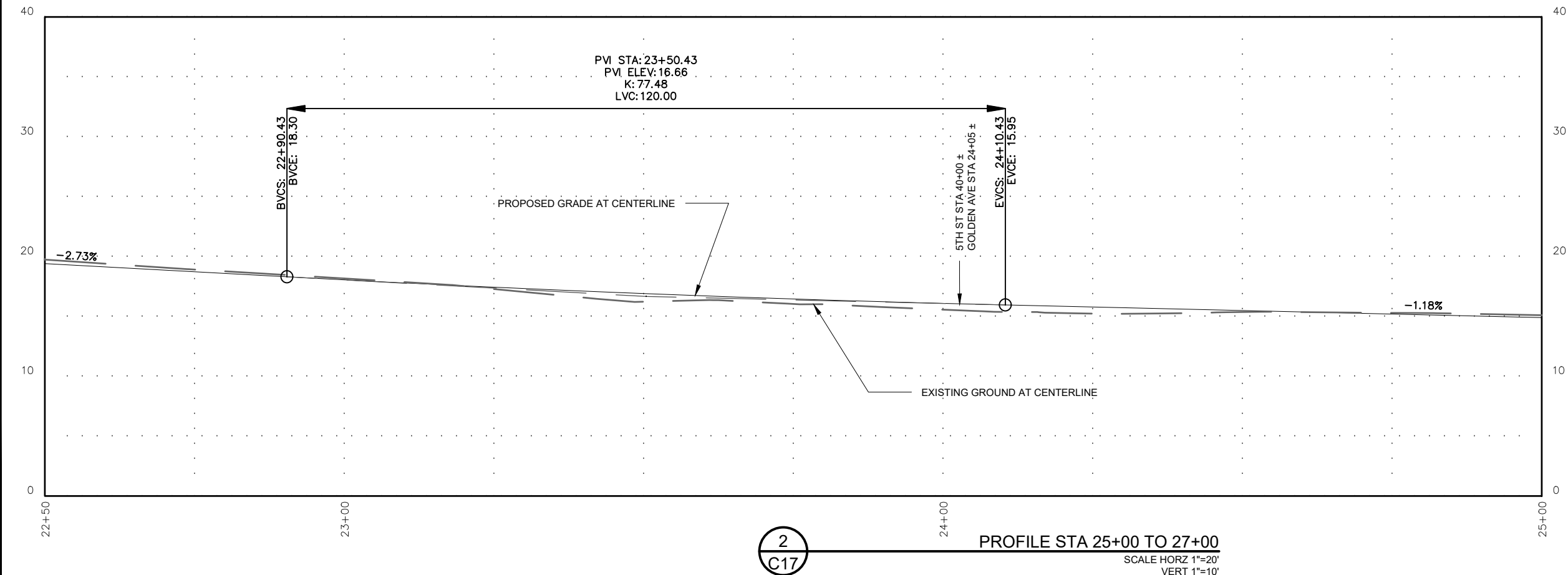
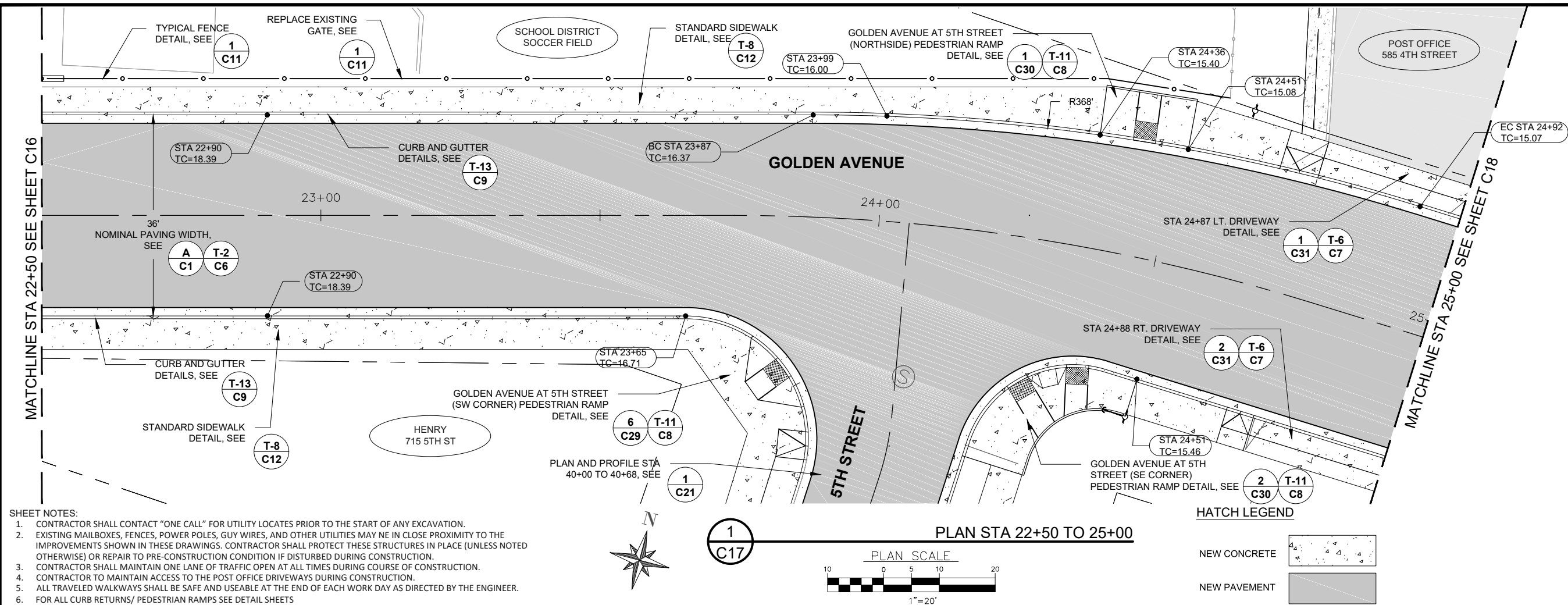
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CITY OF COOS BAY  
COOS COUNTY

GOLDEN AVENUE ROADWAY  
RECONSTRUCTION

**GOLDEN AVE PLAN AND  
PROFILE-STA 20+00 TO 22+50**

Sheet No.	C16
Date	JUNE 2017




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REV.	DATE	DESCRIPTION	BY

Designed By: WD  
 Project No: 1201-061

Drawn By: JBJ  
 Checked By: MDW



0 1"

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COOS COUNTY

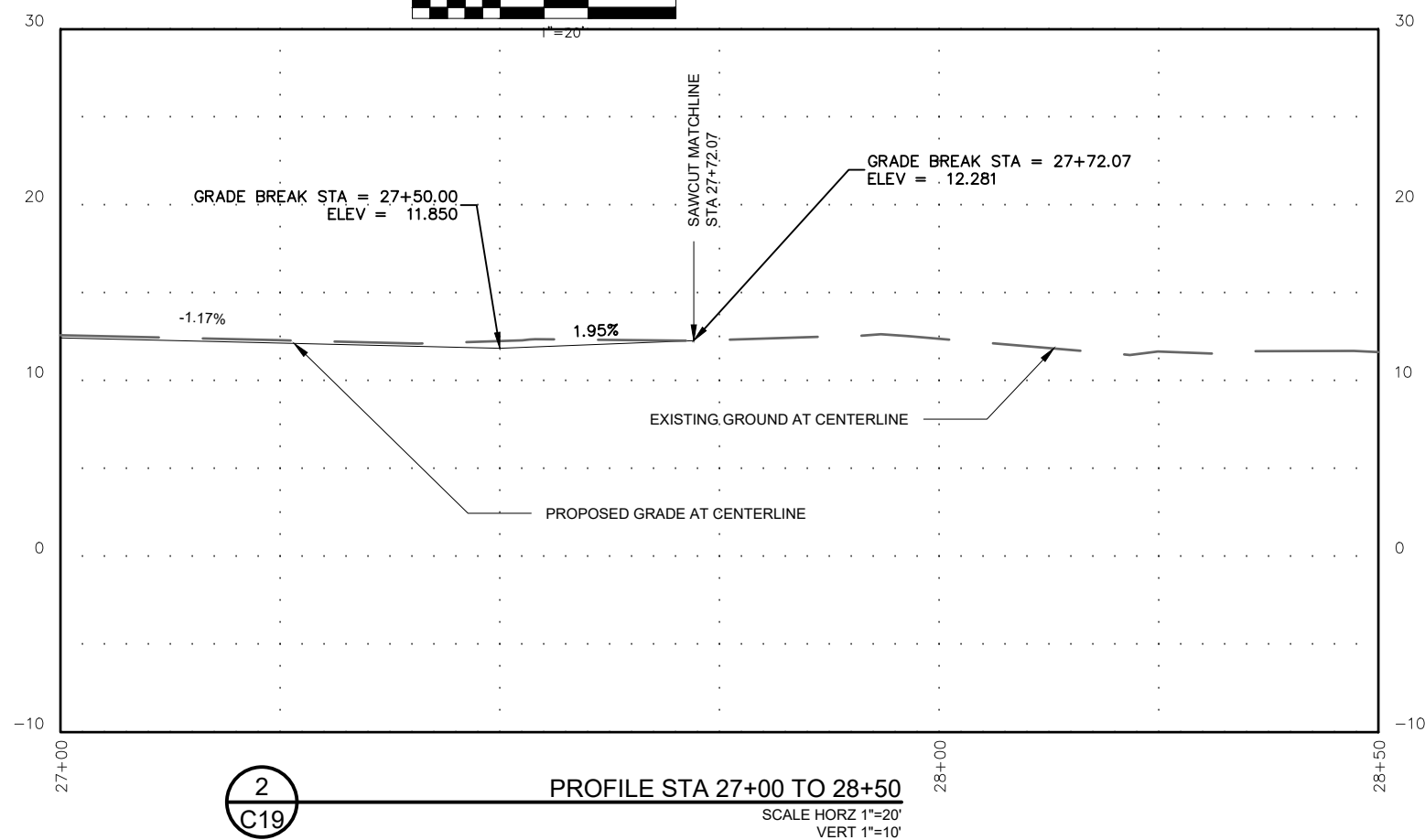
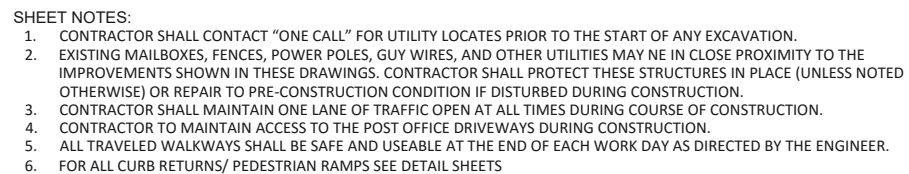
**GOLDEN AVENUE ROADWAY  
RECONSTRUCTION**

GOLDEN AVE PLAN AND  
PROFILE-STA 22+50 TO 25+00

Sheet No.	C17
Date	JUNE 2017





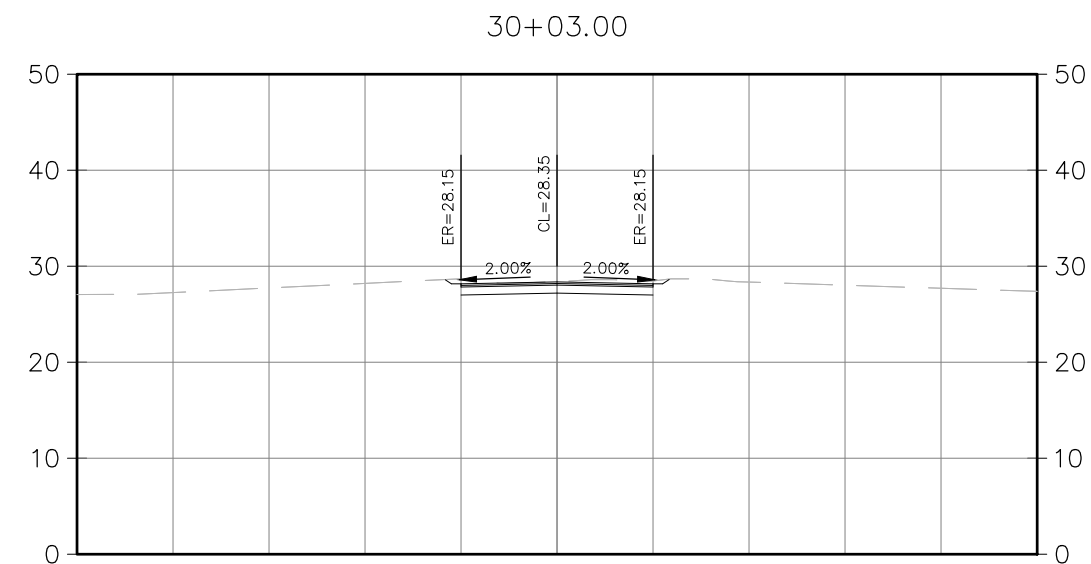
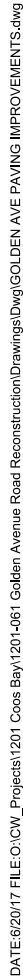
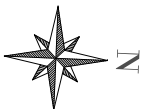


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GOLDEN AVE PLAN AND  
PROFILE-STA 27+00 TO 28+50

Sheet No.	C19
Date	JUNE 2017



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REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					

0  1"

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COOS COUNTY

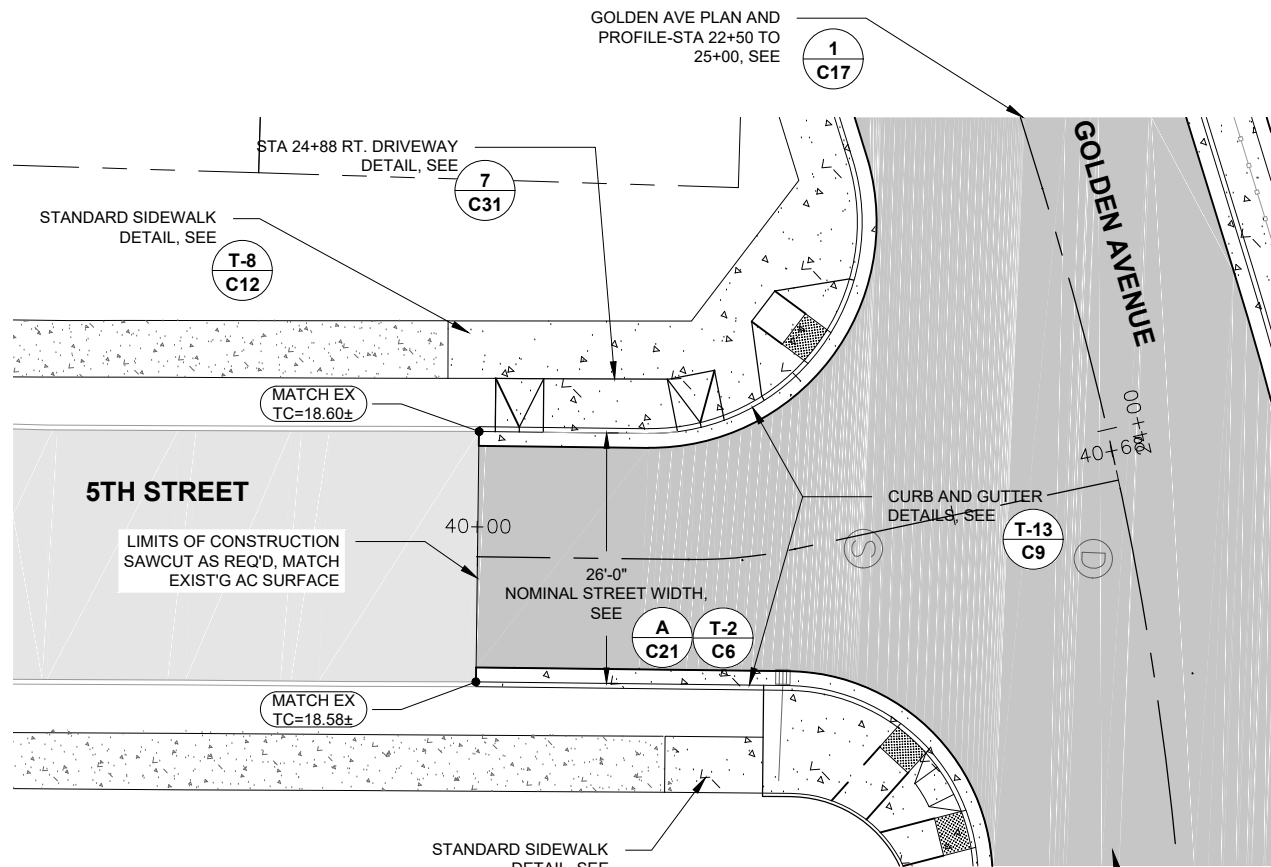
# GOLDEN AVENUE ROADWAY RECONSTRUCTION

ALLEY #1 PLAN AND PROFILE-STA  
30+00 TO 30+71

Sheet No.	C20
Date	JUNE 2017

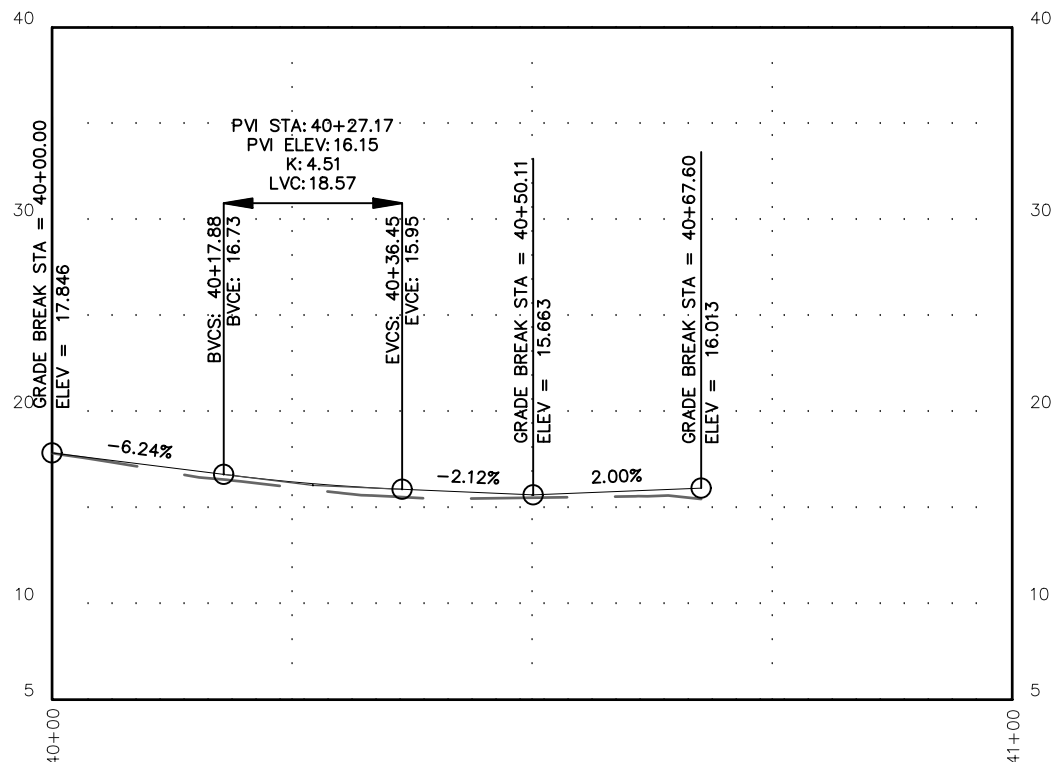
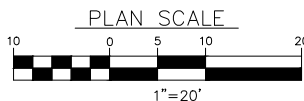


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C21

PLAN STA 40+00 TO 40+68



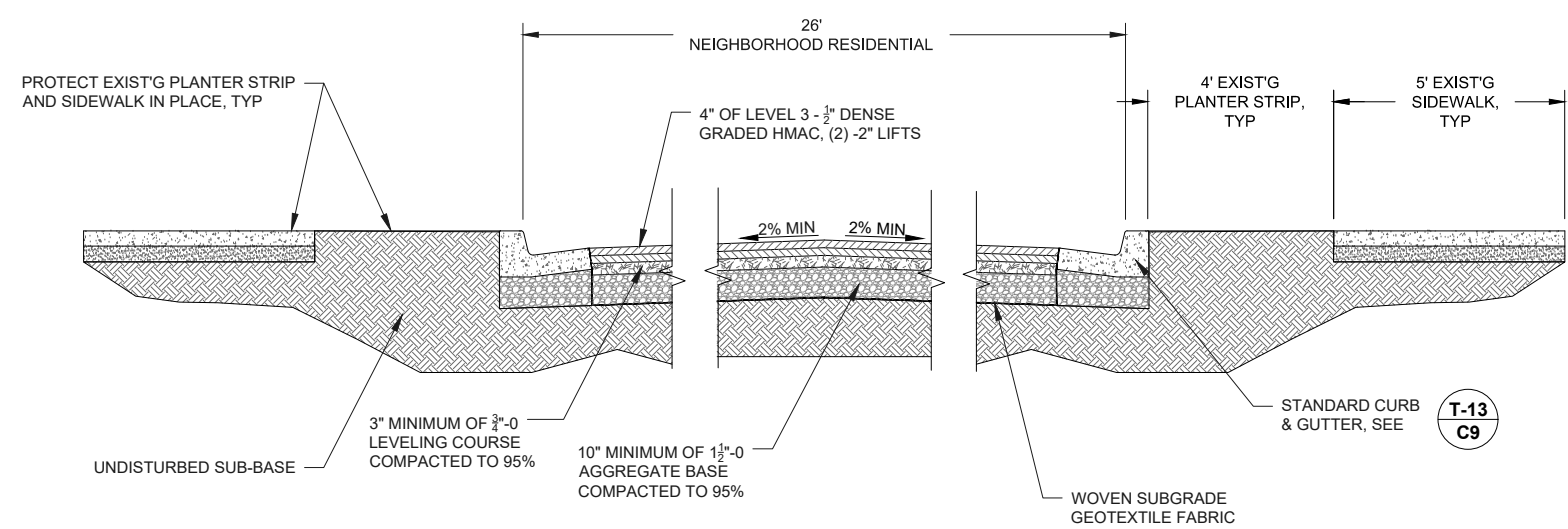
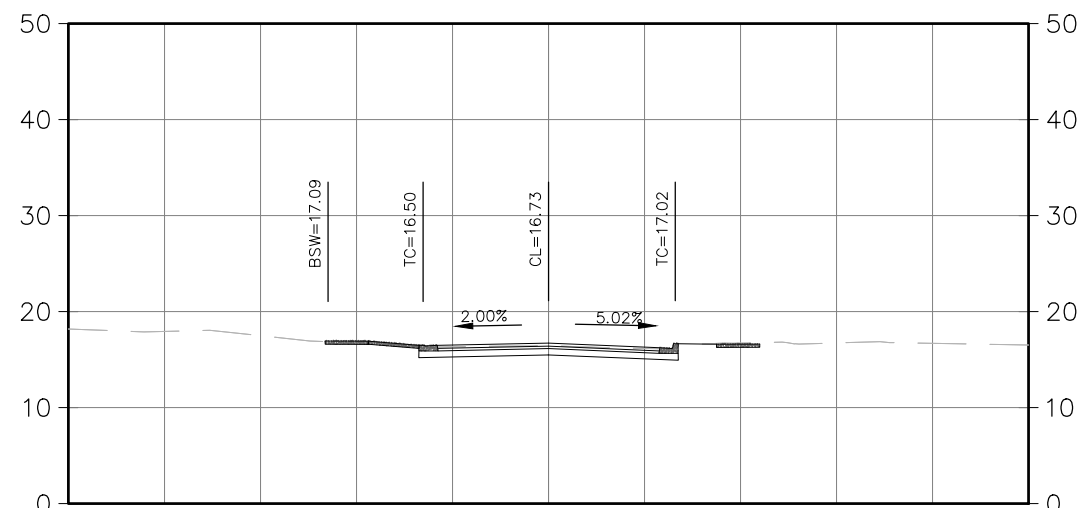
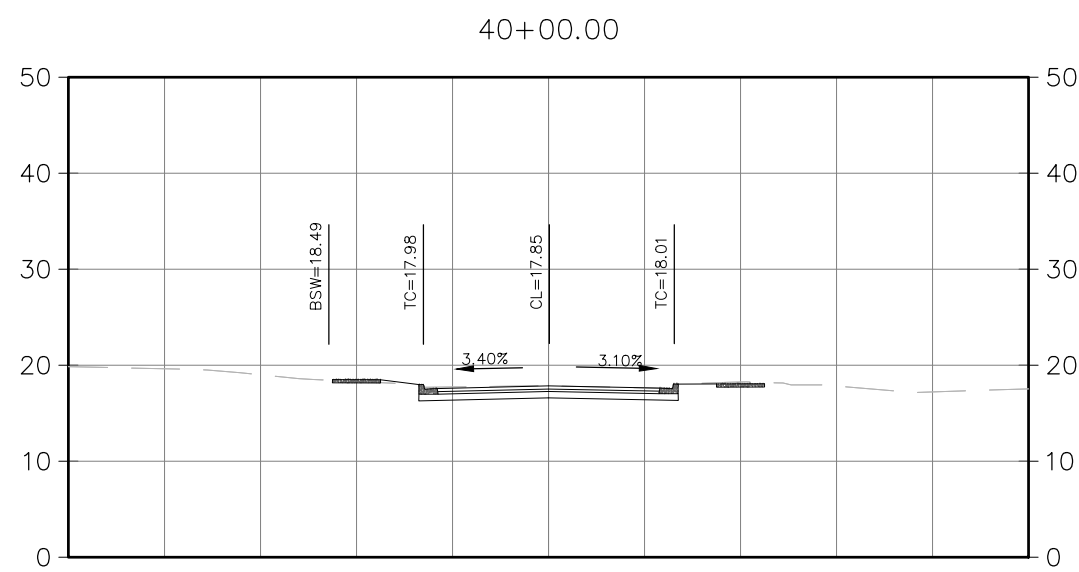
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C21

PROFILE STA 40+00 TO 40+68

SCALE HORZ 1"=20'  
VERT 1"=10'

GOLDEN AVE PLAN AND PROFILE-STA 22+50 TO 25+00, SEE 1 C17

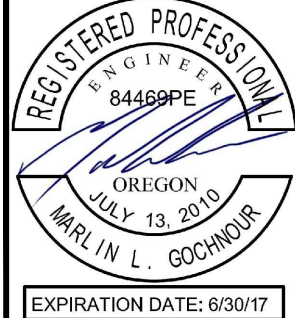
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C17



A  
C21

S 5TH ST SECTION

NOT TO SCALE



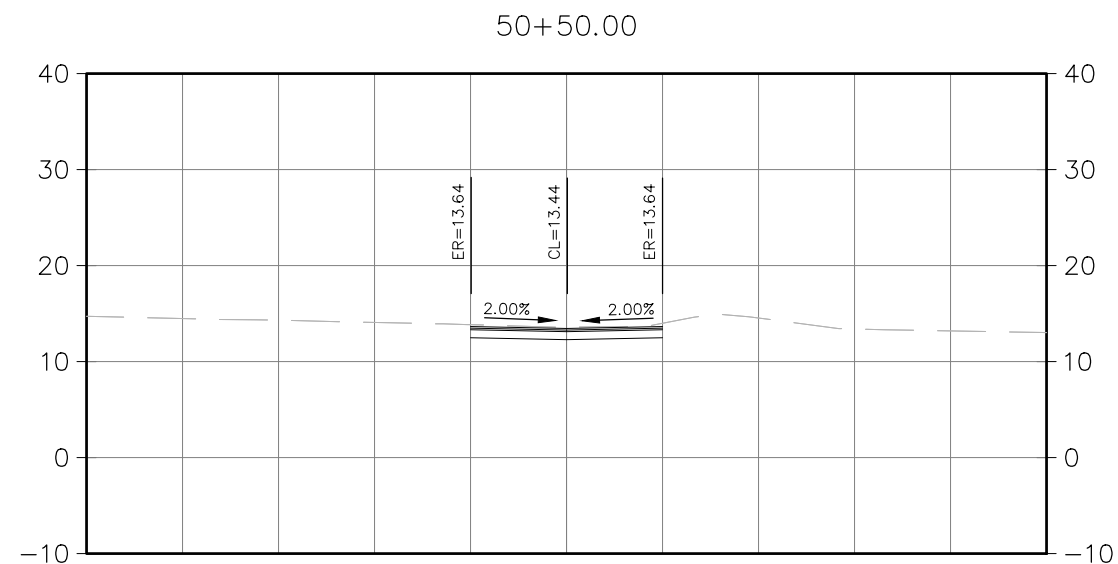
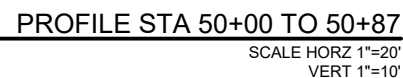
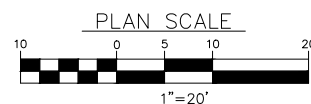
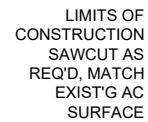
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REV.	DATE	DESCRIPTION	BY

Designed By: JBJ	MDW
Drawn By: JBJ	MDW
Checked By: JBJ	MDW
Project No: 1201-061	

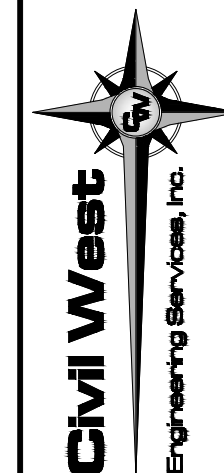
CITY OF COOS BAY COOS COUNTY	C21
GOLDEN AVENUE ROADWAY RECONSTRUCTION	JUNE 2017
5TH STREET PLAN AND PROFILE-STA 40+00 TO 40+68	



GOLDEN ALLEY #2 SECTION

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Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					

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0  1"

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COOS COUNTY

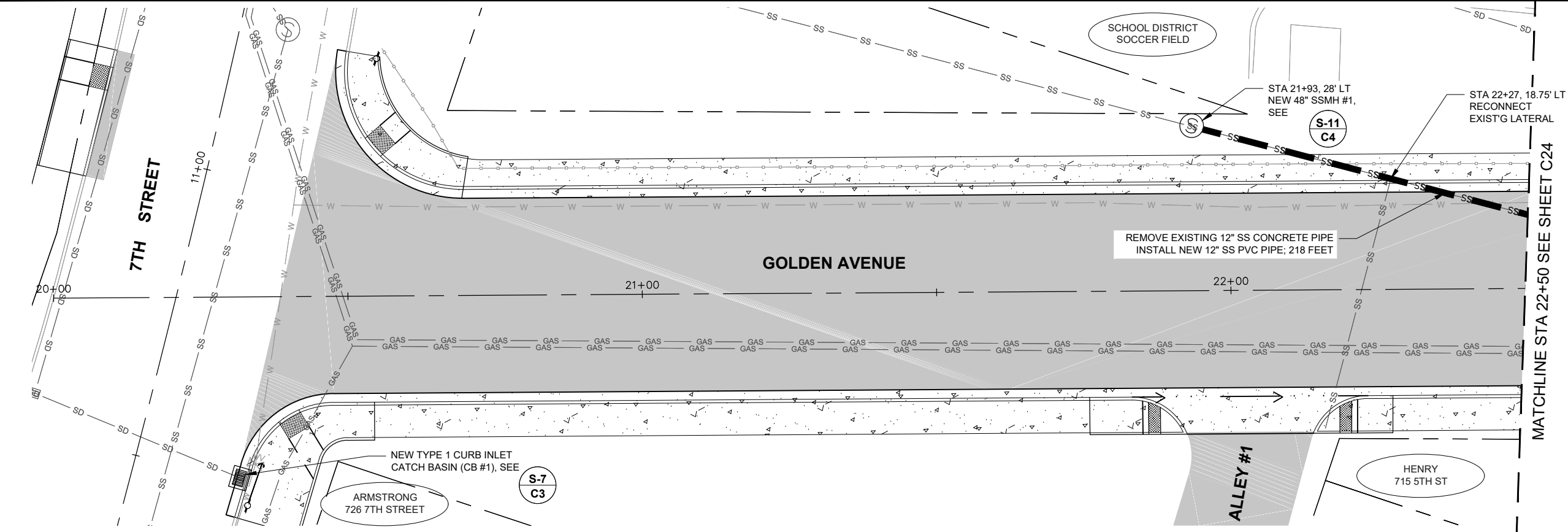
**GOLDEN AVENUE ROADWAY  
RECONSTRUCTION**

ALLEY #2 PLAN AND PROFILE-STA  
50+00 TO 50+87

Sheet No.	C22
Date	JUNE 2017



DATE:6/20/17 FILE:O:\CW\_Projects\1201 Coos Bay\1201-061 Golden Avenue Road Reconstruction\Drawings\DWG\GOLDEN AVE SS & SD IMPROVEMENTS.dwg

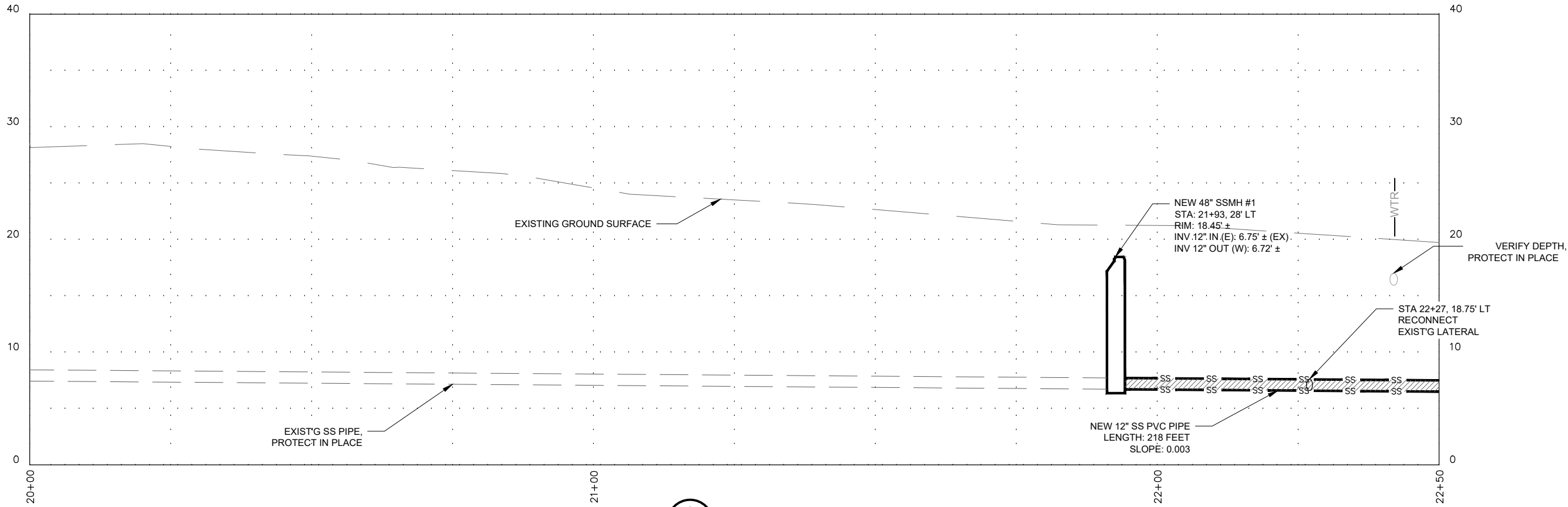
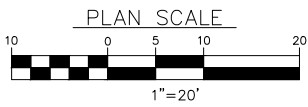


- SHEET NOTES:
1. SEWER MUST REMAIN IN SERVICE DURING CONSTRUCTION. BYPASS PUMP AS REQ'D TO MAINTAIN SERVICE.
  2. EXISTING SOIL MAY BE UNSTABLE. USE SHORING FOR TRENCH WALLS AS NECESSARY
  3. WATER MUST REMAIN IN SERVICE DURING CONSTRUCTION, PROTECT PIPES, FITTINGS, VALVES, ETC. IN PLACE
  4. CONTRACTOR SHALL POTHOLE AND LOCATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION; ASSUMED 36" COVER FOR ALL EXISTING UTILITY CROSSINGS.
  5. CONTRACTOR TO CONFIRM INVERT ELEVATIONS PRIOR TO ORDERING MATERIALS.
  6. CONTRACTOR SHALL RECONNECT EXISTING SEWER LATERALS TO THE NEW MAIN LINE.



1  
C23

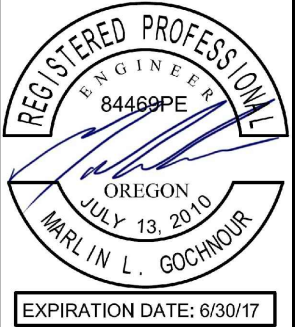
PLAN STA 20+00 TO 22+50



2  
C23

PROFILE STA 20+00 TO 22+50

SCALE HORZ 1"=20'  
VERT 1"=10'



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Project No:	1201-061				

1"  
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1"  
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CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	UTILITY PLAN AND PROFILE-STA 20+00 TO 22+50
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Date	Sheet No.

C23  
JUNE 2017










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Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					

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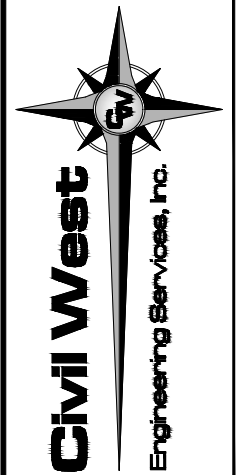
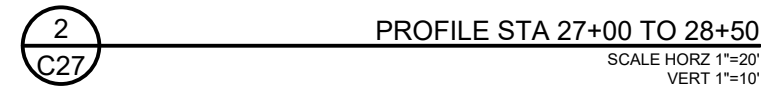
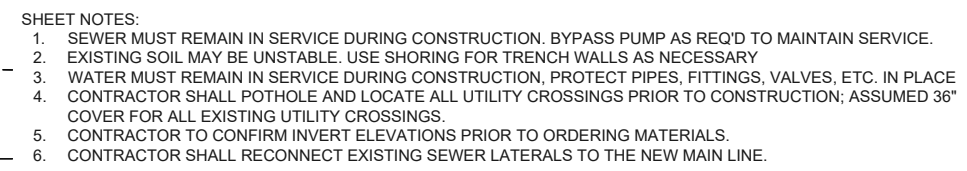
CITY OF COOS BAY  
COOS COUNTY

**GOLDEN AVENUE ROADWAY  
RECONSTRUCTION**

UTILITY PLAN AND PROFILE-STA  
25+00 TO 27+00

**C26**  
**JUNE 2017**

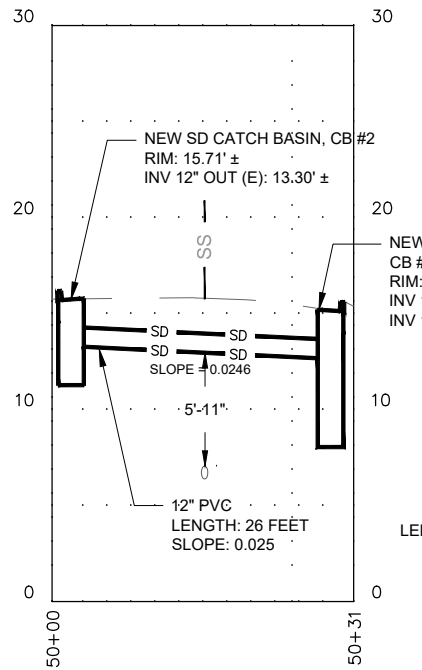
**JUNE 2017**



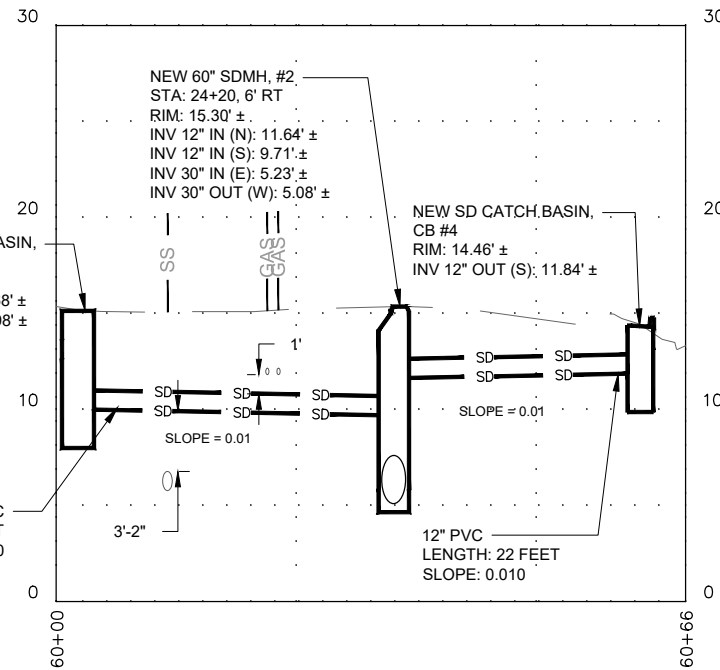
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Sheet No.	C27
Date	JUNE 2017

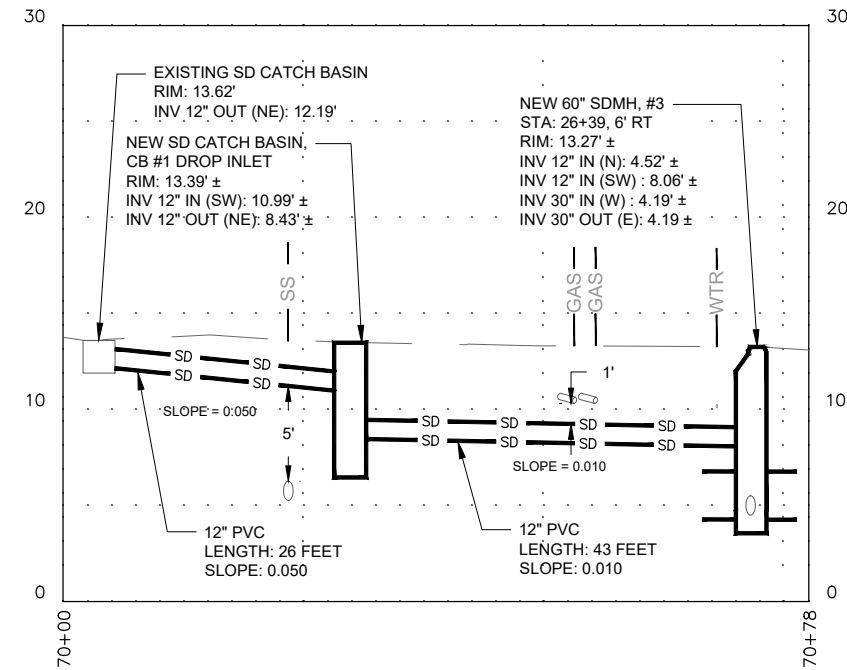
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**C28** **5TH STREET PROFILE VIEW**  
SCALE HORZ 1"=20'  
VERT 1"=10'  
SEE SHEET C24

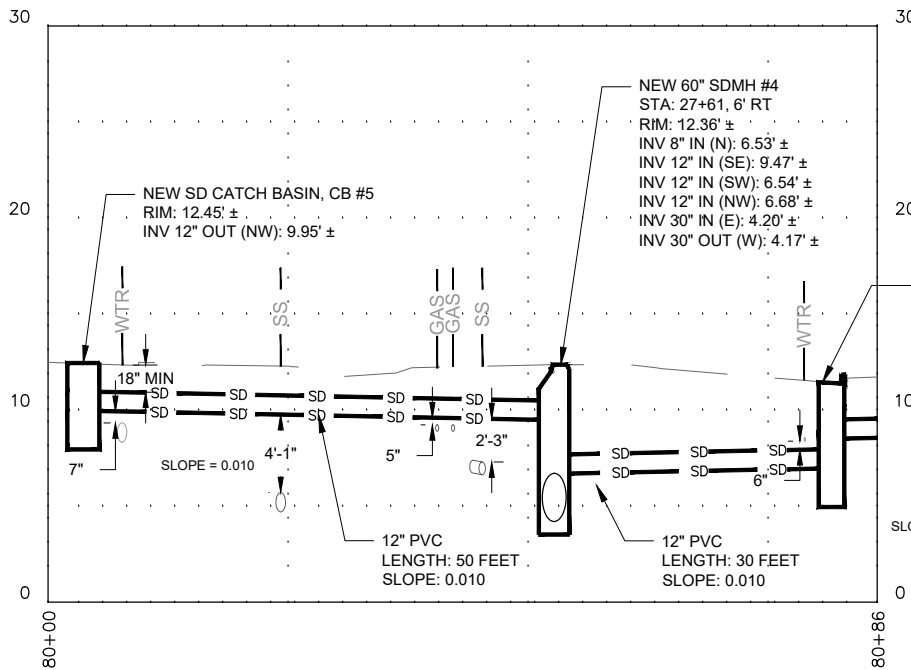


**2**  
**C28** **GOLDEN AVENUE AT 5TH STREET PROFILE VIEW**  
SCALE HORZ 1"=20'  
VERT 1"=10'  
SEE SHEET C24

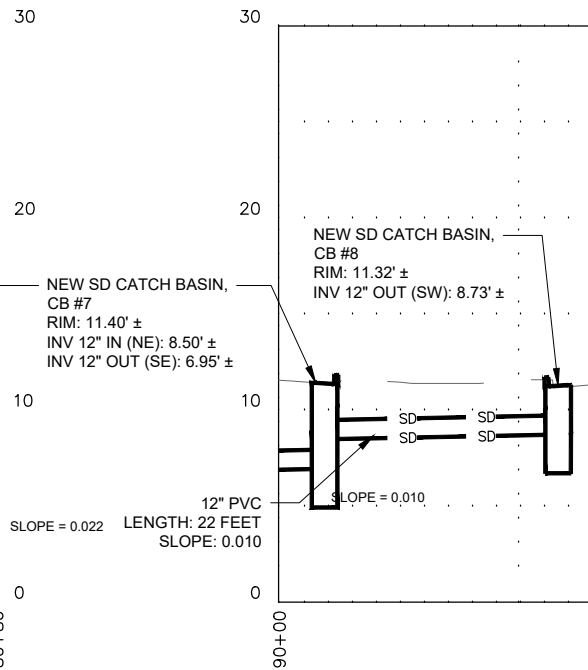


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**C28** **ALLEY PROFILE VIEW**  
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SEE SHEET C26

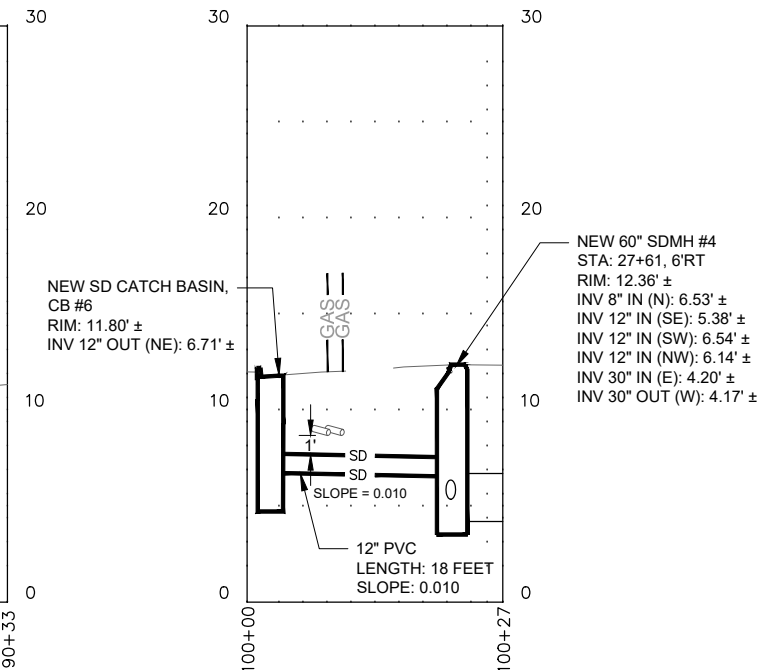
- SHEET NOTES:
- SEWER MUST REMAIN IN SERVICE DURING CONSTRUCTION. BYPASS PUMP AS REQ'D TO MAINTAIN SERVICE.
  - EXISTING SOIL MAY BE UNSTABLE. USE SHORING FOR TRENCH WALLS AS NECESSARY
  - WATER MUST REMAIN IN SERVICE DURING CONSTRUCTION, PROTECT PIPES, FITTINGS, VALVES, ETC. IN PLACE
  - CONTRACTOR SHALL POTHOLE AND LOCATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION; ASSUMED 36" COVER FOR ALL EXISTING UTILITY CROSSINGS.
  - CONTRACTOR TO CONFIRM INVERT ELEVATIONS PRIOR TO ORDERING MATERIALS.
  - SURFACE REPRESENTED IN PROFILES IS THE EXISTING GROUND SURFACE.



**4**  
**C28** **GOLDEN AVENUE AT 4TH STREET PROFILE VIEW**  
SCALE HORZ 1"=20'  
VERT 1"=10'  
SEE SHEET C27



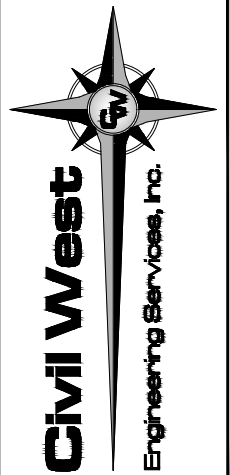
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**C28** **NORTHWEST CORNER OF GOLDEN AVENUE AND 4TH STREET PROFILE VIEW**  
SCALE HORZ 1"=20'  
VERT 1"=10'  
SEE SHEET C27



**6**  
**C28** **SOUTHWEST CORNER OF GOLDEN AVENUE AND 4TH STREET PROFILE VIEW**  
SCALE HORZ 1"=20'  
VERT 1"=10'  
SEE SHEET C27



EXPIRATION DATE: 6/30/17



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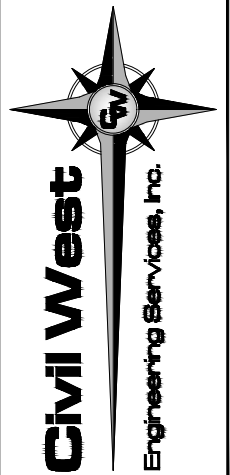
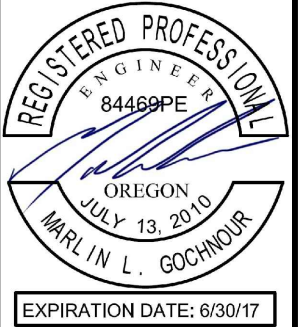
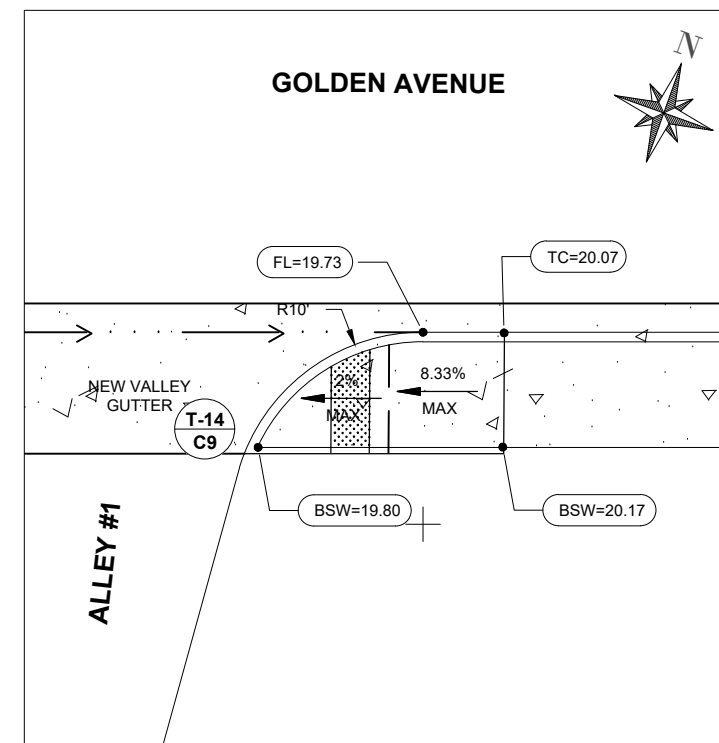
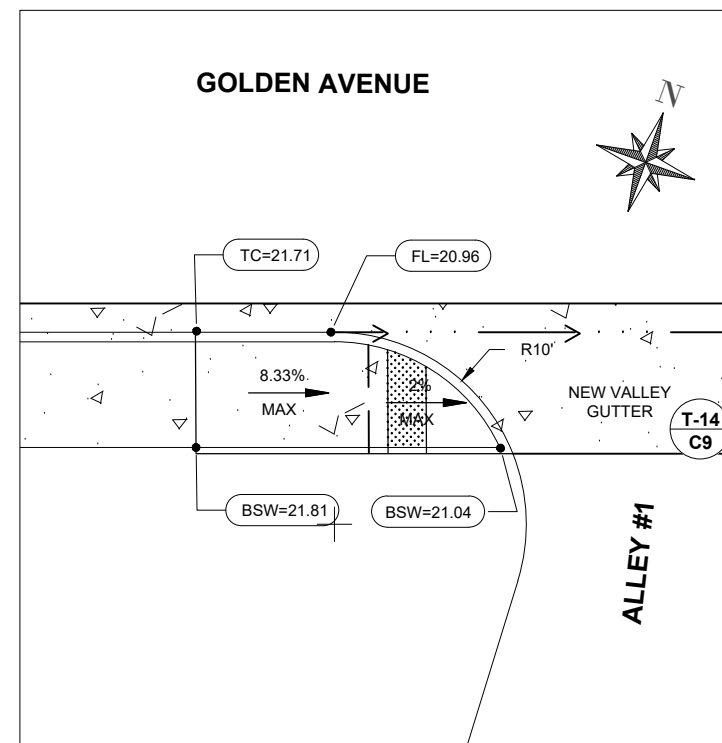
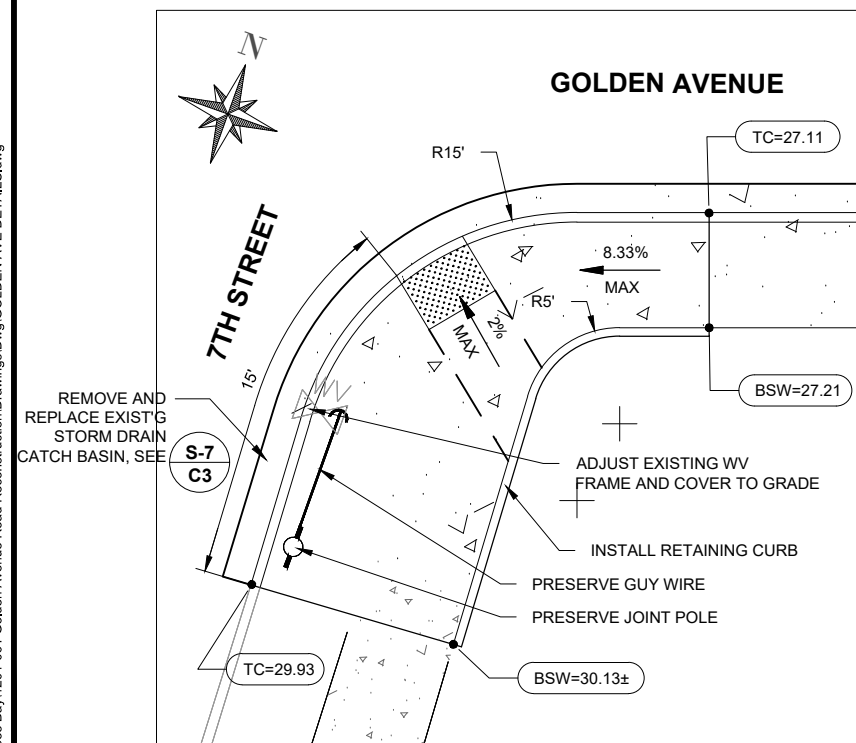
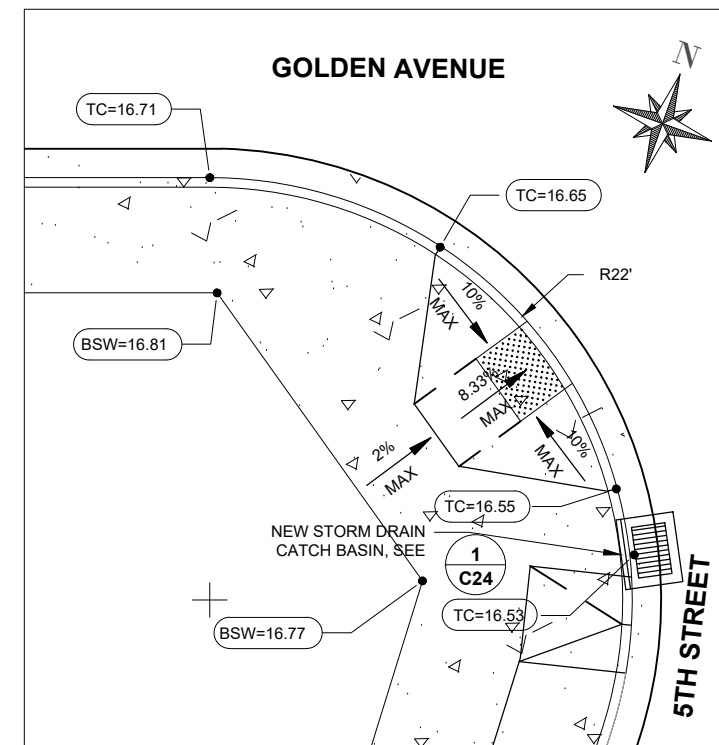
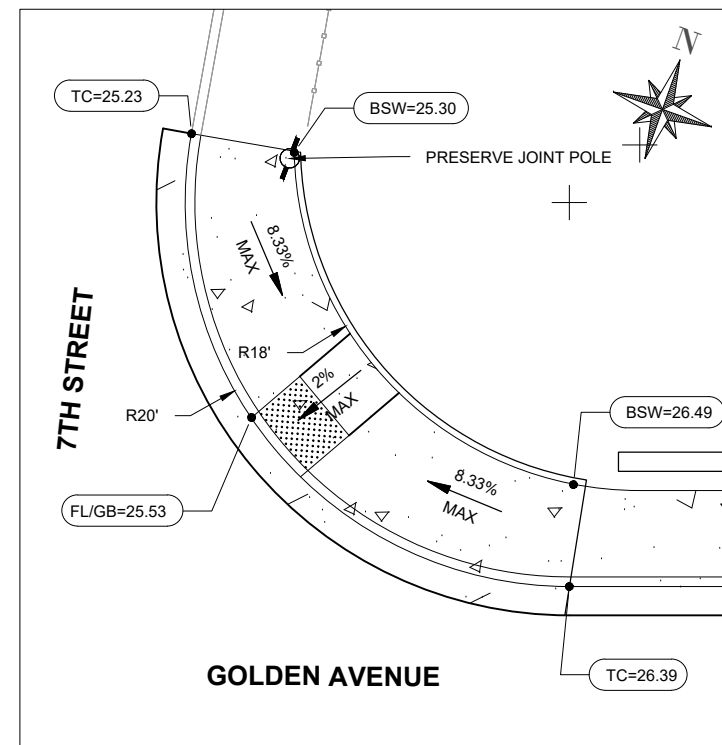
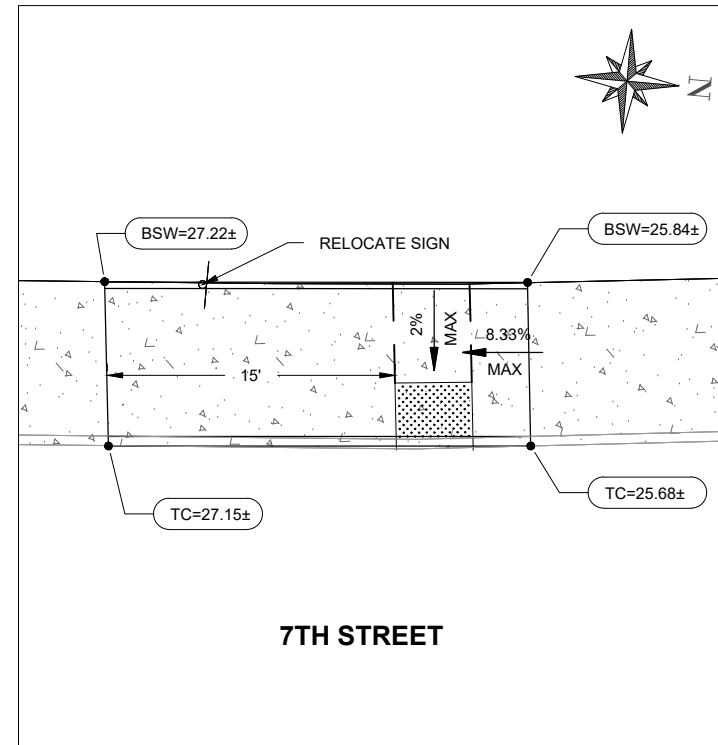
Designed By:	WD	Drawn By:	JBU	Checked By:	MDW
Project No:	1201-061				

CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	STORM DRAIN PROFILES AND DETAILS
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Date	Sheet No.

**C28**  
**JUNE 2017**





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REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					

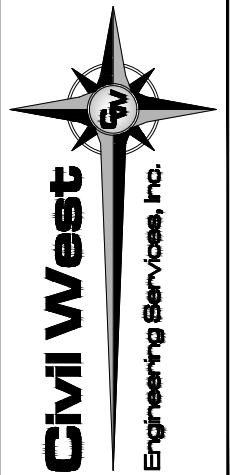
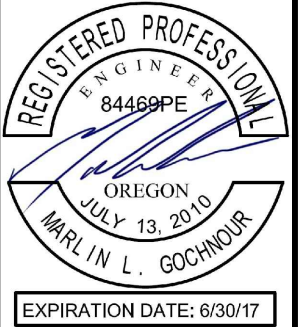
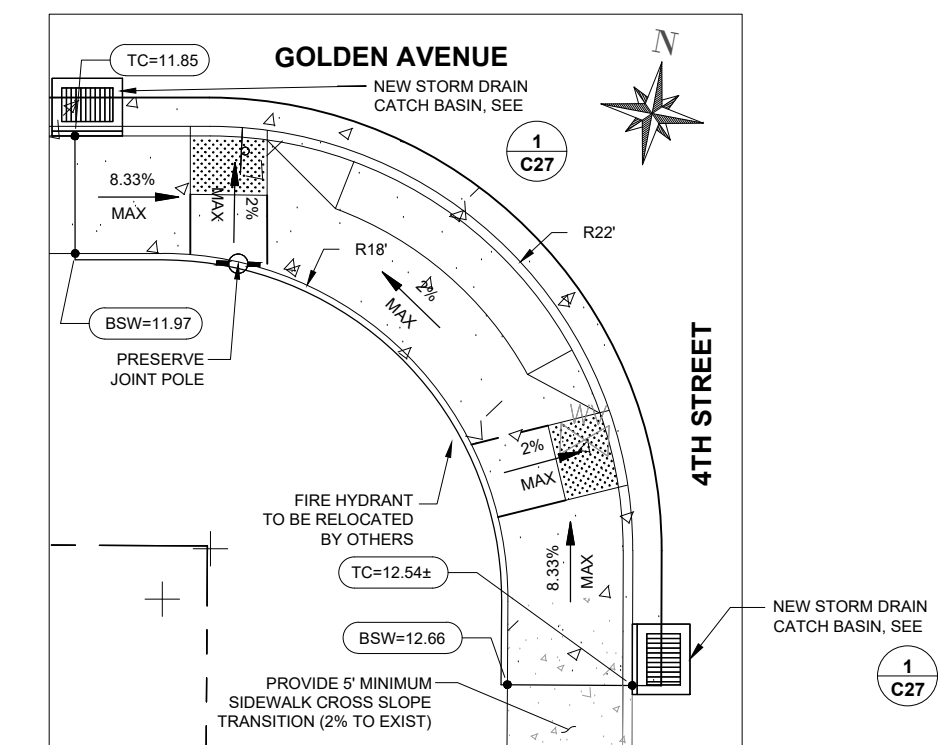
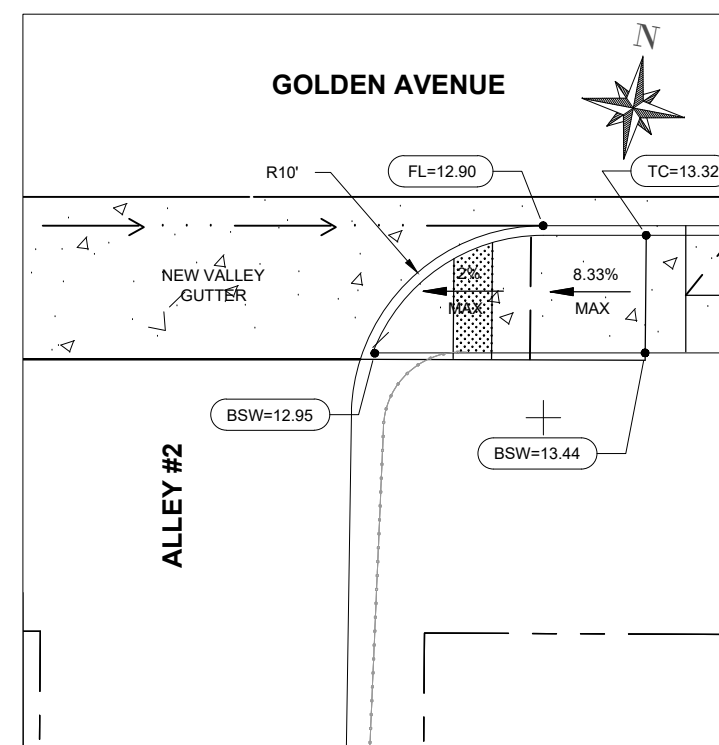
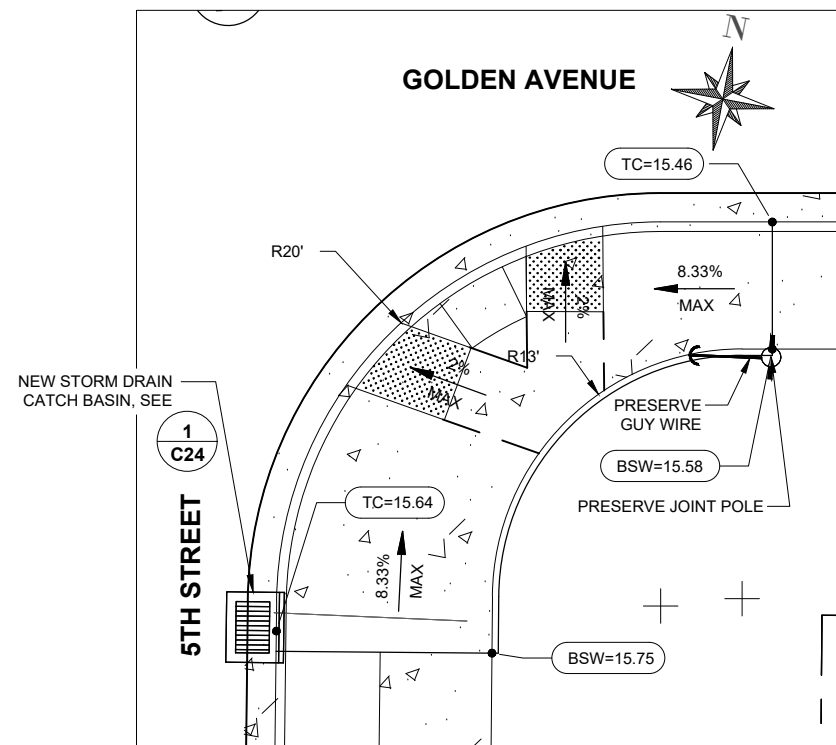
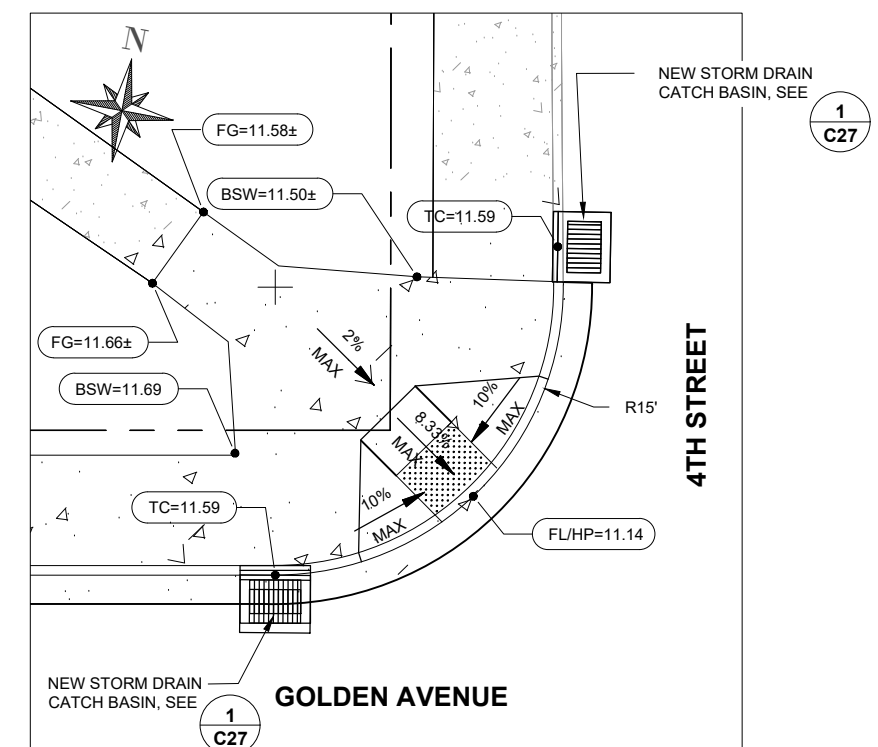
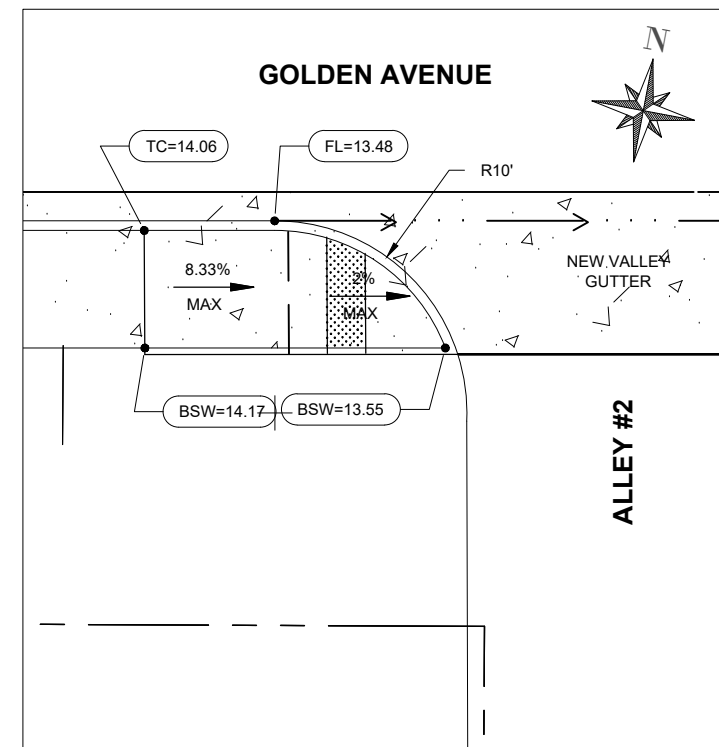
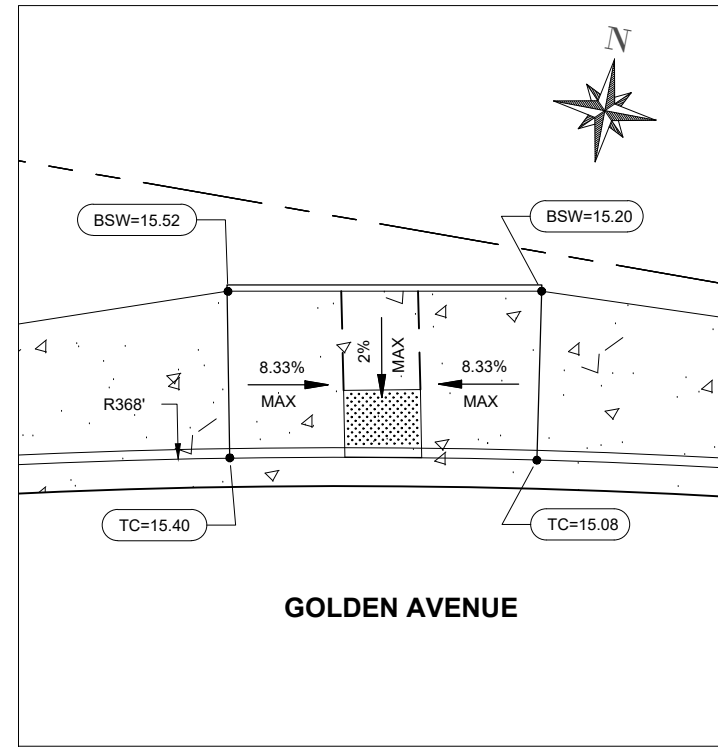
  

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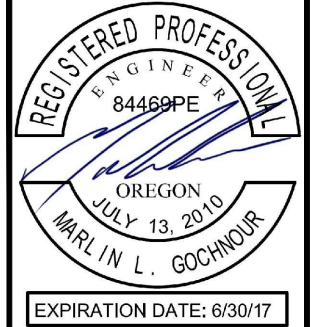
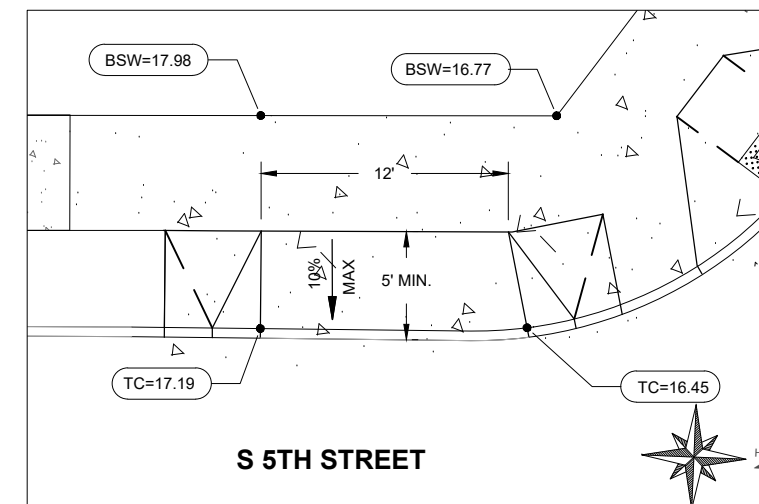
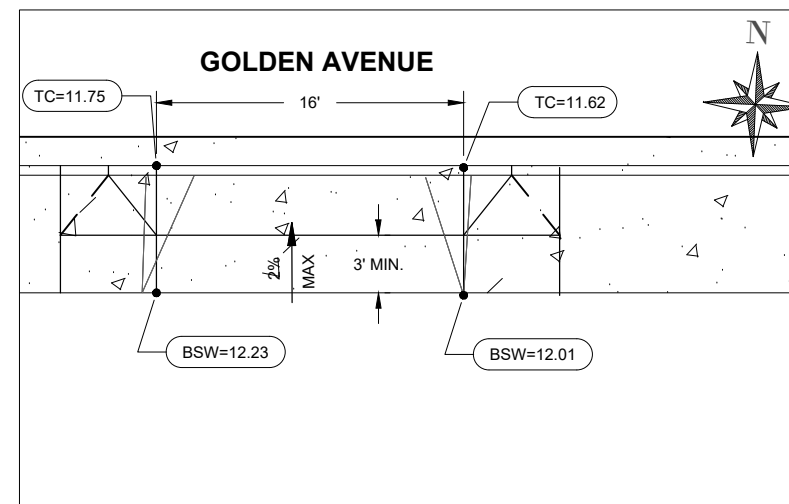
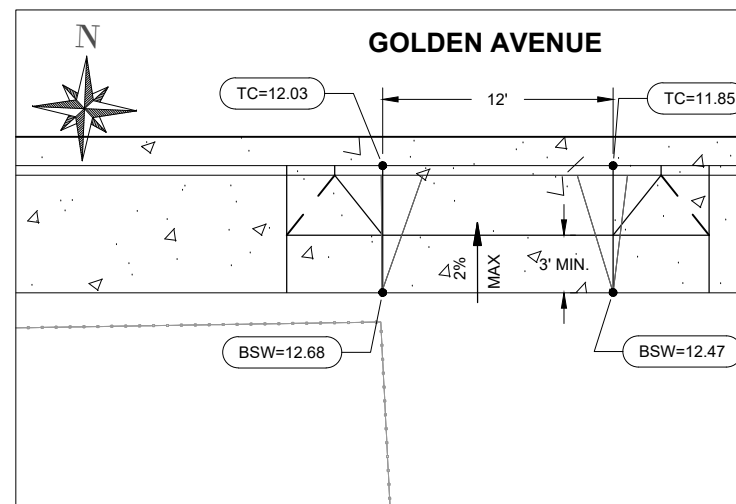
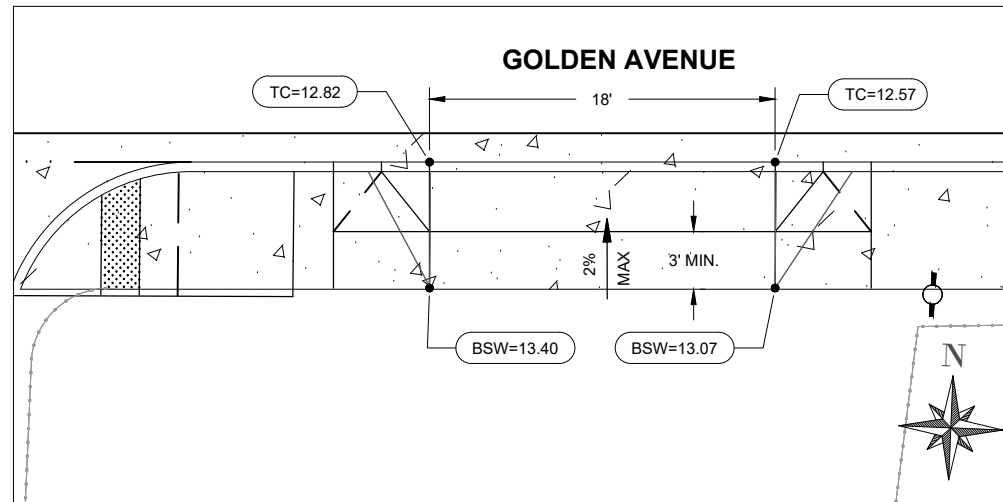
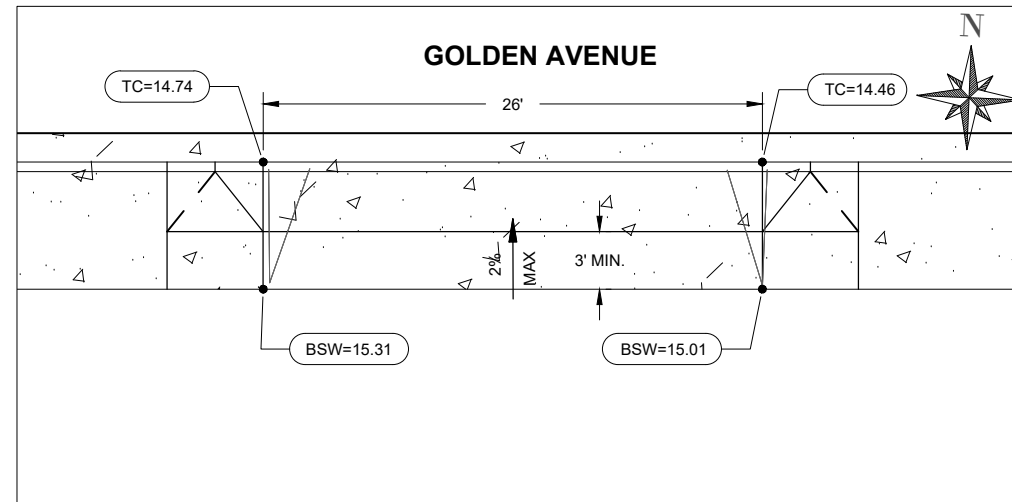
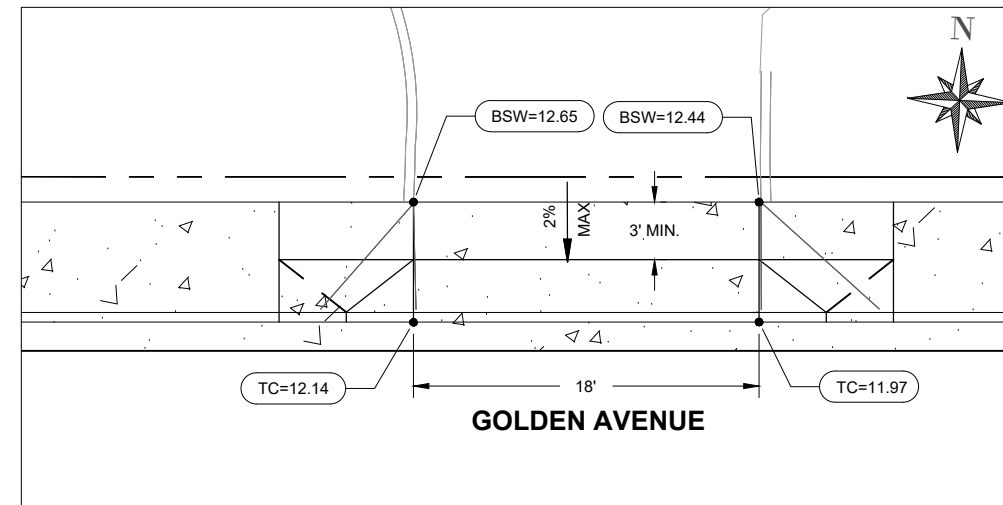
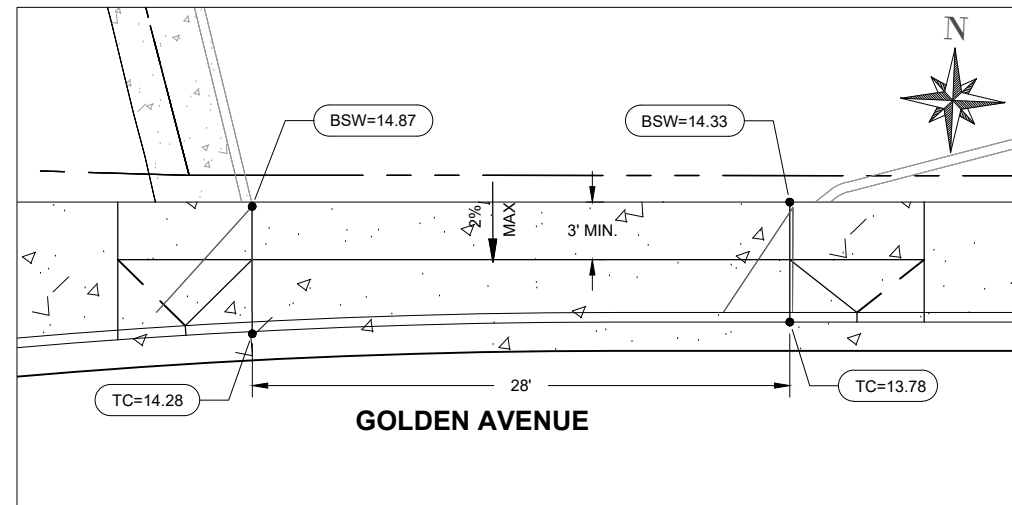
CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	PEDESTRIAN RAMP DETAILS
Sheet No.	C29	
Date	JUNE 2017	



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CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	PEDESTRIAN RAMP DETAILS
Sheet No.	C30	
Date	JUNE 2017	



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Coos Bay, Oregon 97420

REV.	DATE	DESCRIPTION	BY

Designed By: WD  
 Project No: 1201-061

Drawn By: JBU  
 Checked By: MDW

0" 1"

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COOS COUNTY

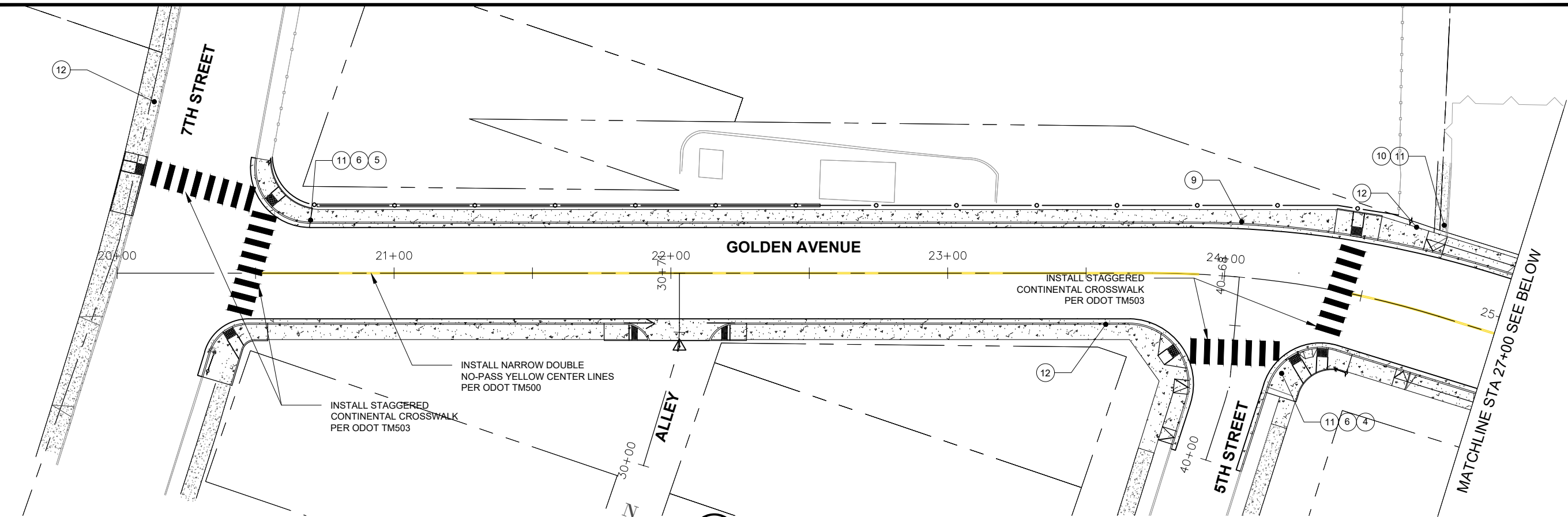
**GOLDEN AVENUE ROADWAY  
RECONSTRUCTION**

## DRIVEWAY DETAILS

Sheet No.	C31
Date	<b>JUNE 2017</b>



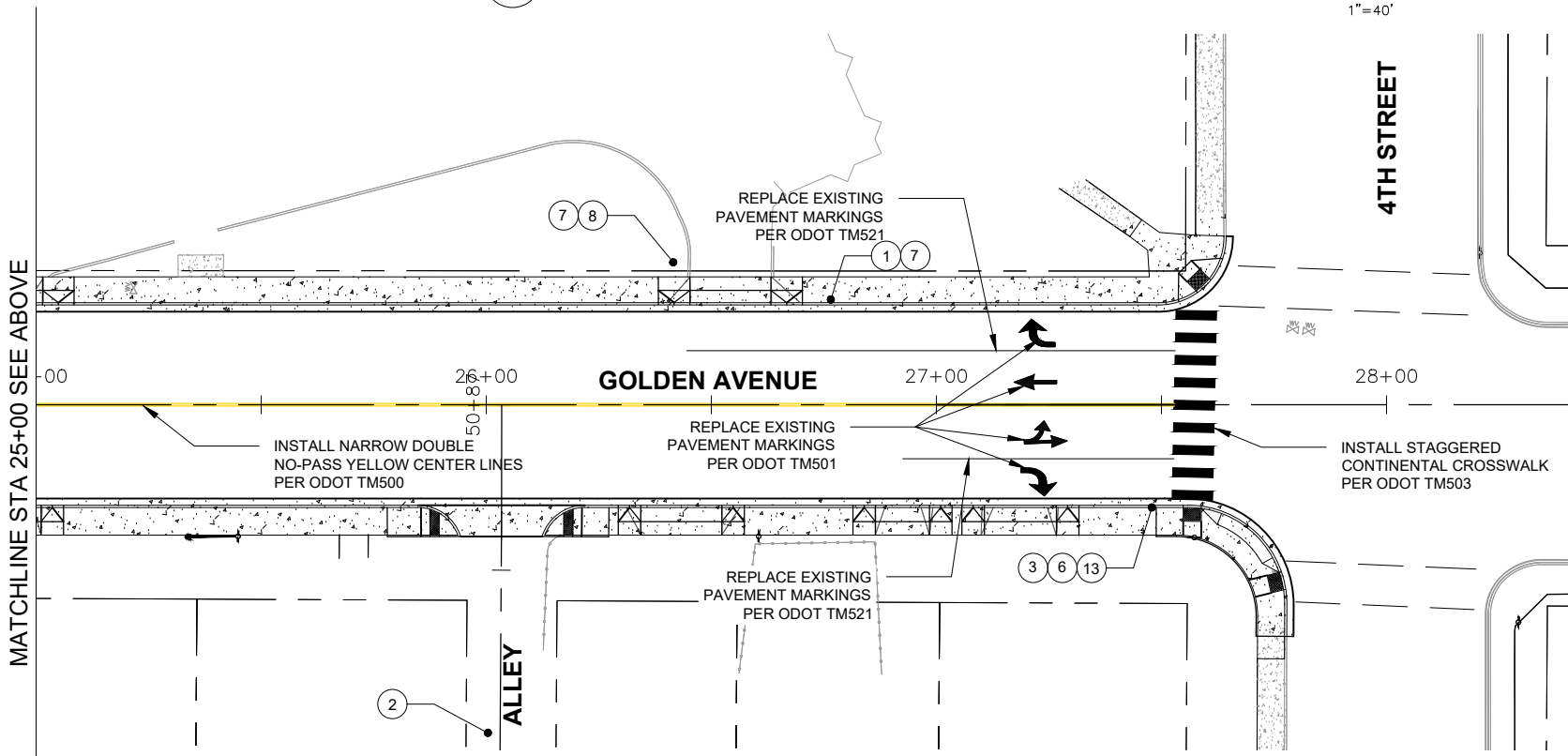
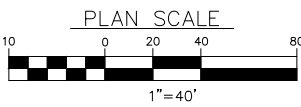
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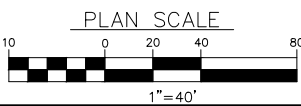
- SHEET NOTES:
1. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING SIGNS WITHIN PROJECT LIMITS
  2. NEW SIGNS SHALL BE INSTALLED ACCORDING TO CURRENT MUTCD STANDARDS
  3. ROADWAY MARKINGS SHALL BE TO CURRENT ODOT STANDARDS
  4. NEW STREET NAME SIGNS SHALL BE ACCORDING TO CITY STANDARD DETAILS, SEE

T-15  
C14

1 STRIPING AND SIGNING PLAN STA 20+00 TO 25+00

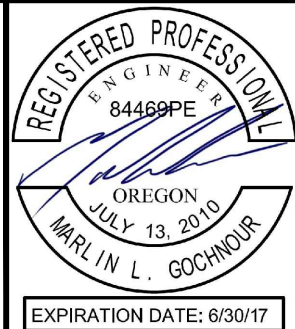


2 STRIPING AND SIGNING PLAN STA 25+00 TO 28+50



SIGN LEGEND

- |   |      |                       |    |         |                            |
|---|------|-----------------------|----|---------|----------------------------|
| 1 | R7-1 | NO PARKING            | 9  | W1-7    | Two-way traffic sign       |
| 2 | R1-1 | DO NOT BLOCK ALLEY    | 10 | R5-1    | DO NOT ENTER               |
| 3 |      | S 4 <sup>TH</sup> ST  | 11 | R1-1    | STOP                       |
| 4 |      | S 5 <sup>TH</sup> ST  |    |         |                            |
| 5 |      | S 7 <sup>TH</sup> ST  | 12 | S1-1    | Pedestrian crossing        |
| 6 |      | GOLDEN AVE            |    | W16-7pL | Left turn yield            |
| 7 | R2-1 | SPEED LIMIT 5         | 13 | R1-1    | STOP                       |
| 8 |      | CUSTOMER PARKING ONLY |    | R1-3    | 4-WAY                      |
|   |      |                       | 14 | R3-7R   | RIGHT LANE MUST TURN RIGHT |
- SEE SHEET NOTE #4

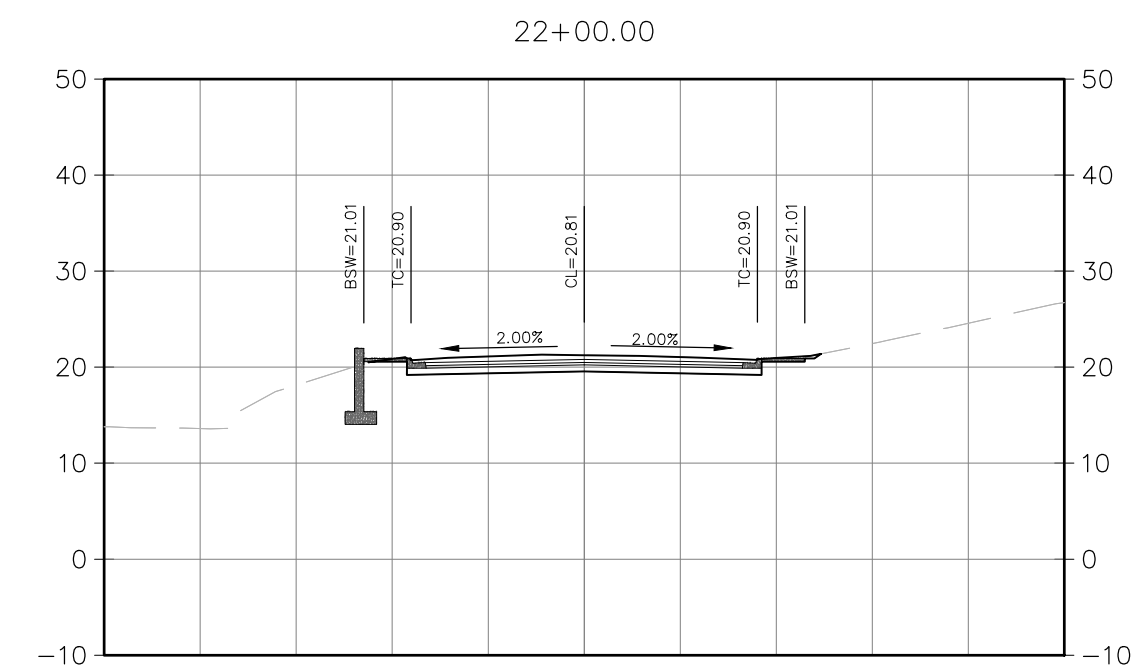
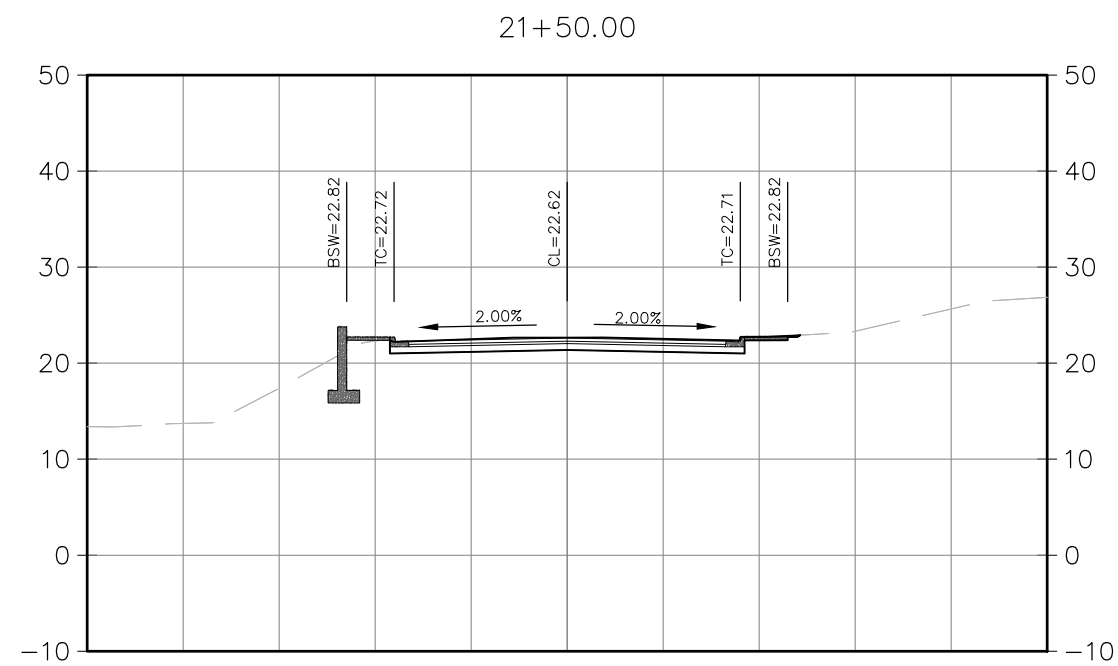
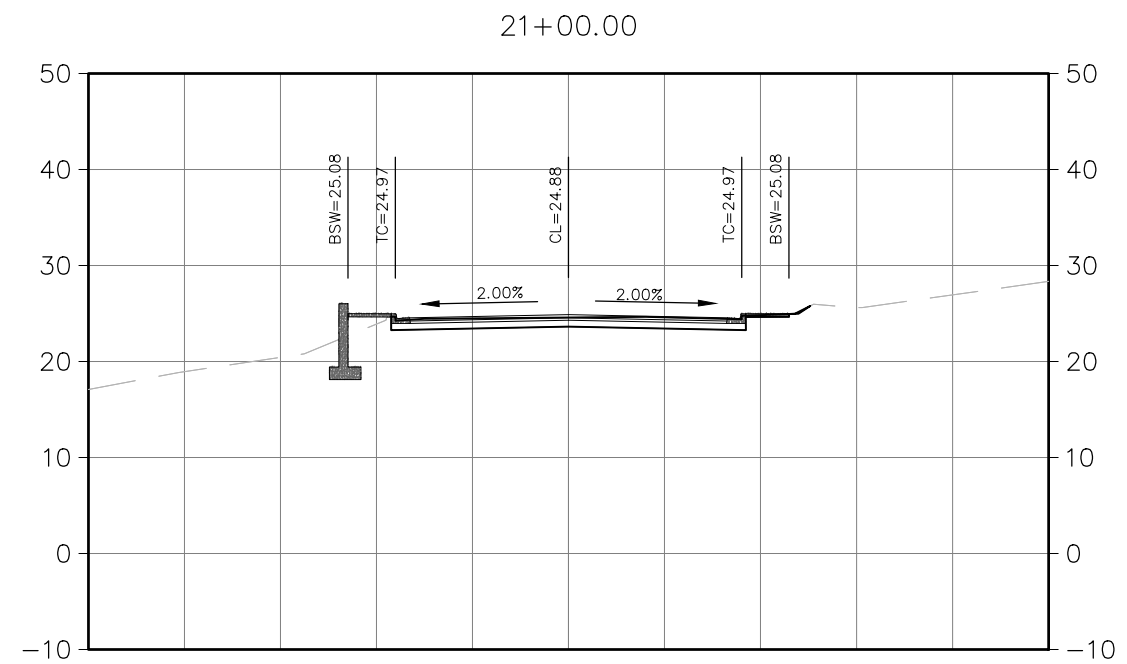
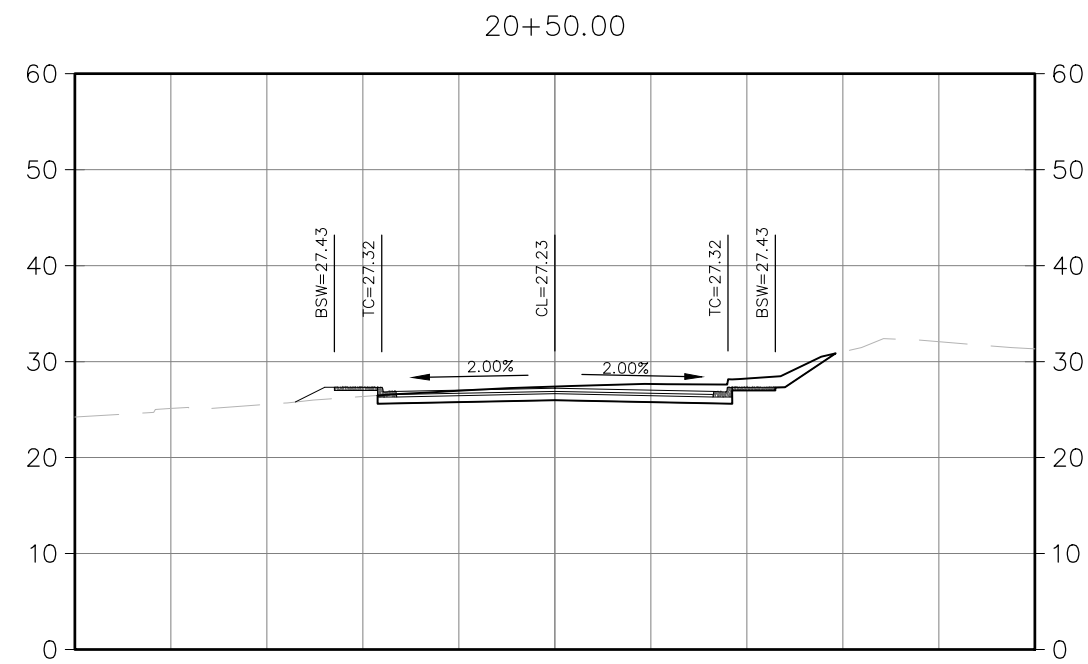


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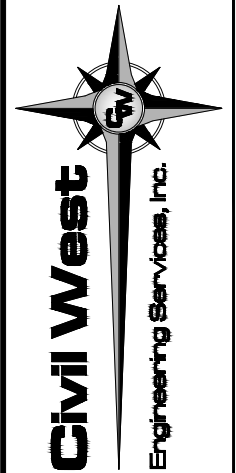
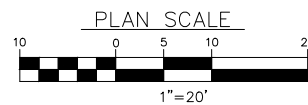
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Project No: 1201-061		

CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	STRIPING AND SIGNING PLAN
Sheet No: Date	C32 JUNE 2017	



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C33

CROSS SECTIONS STA 20+00 TO 22+00



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REV.	DATE	DESCRIPTION	BY

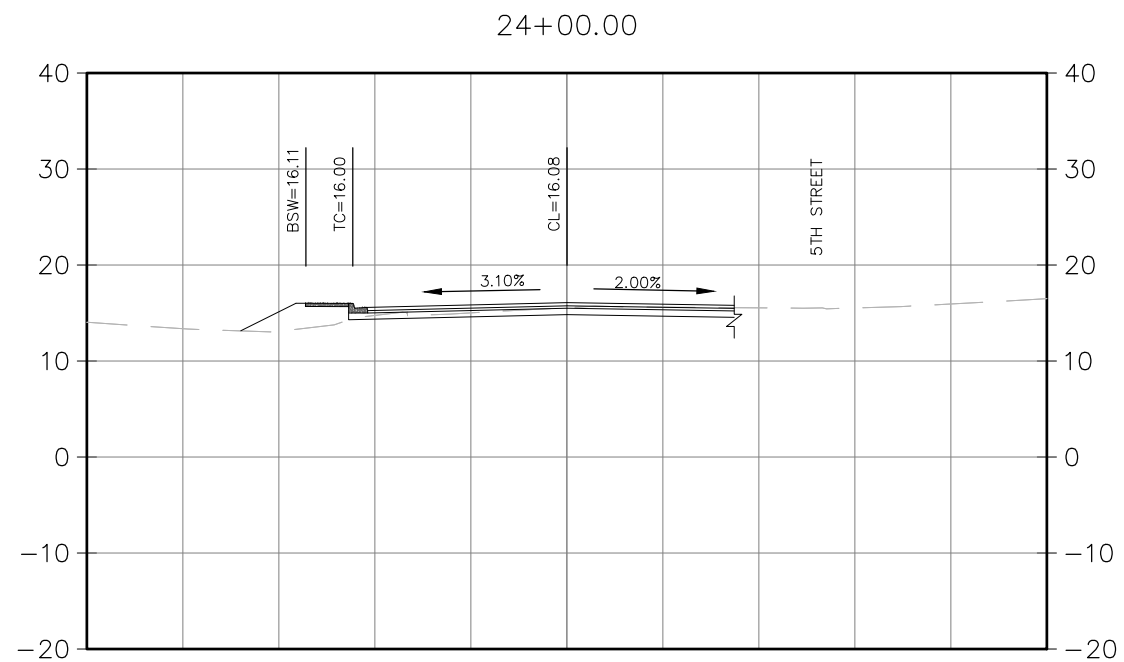
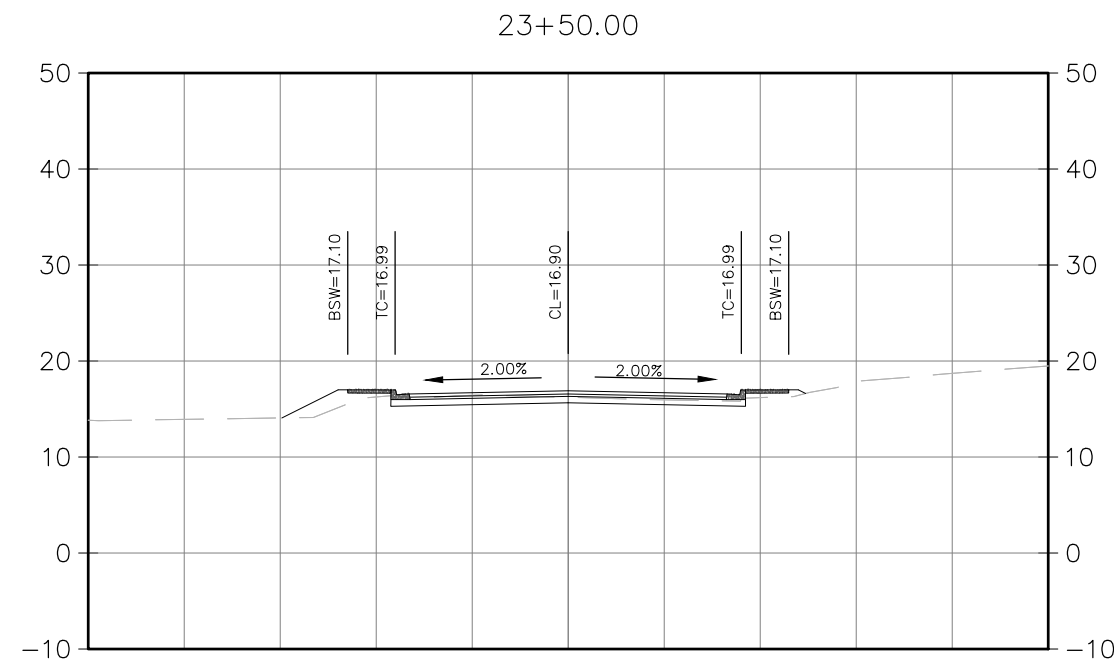
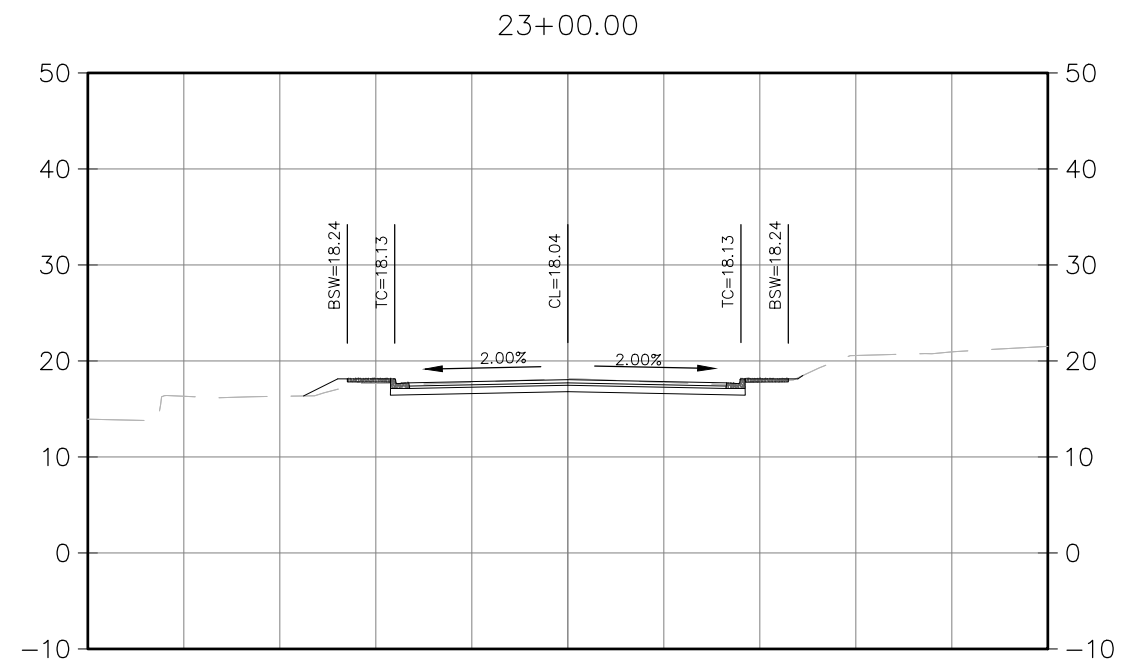
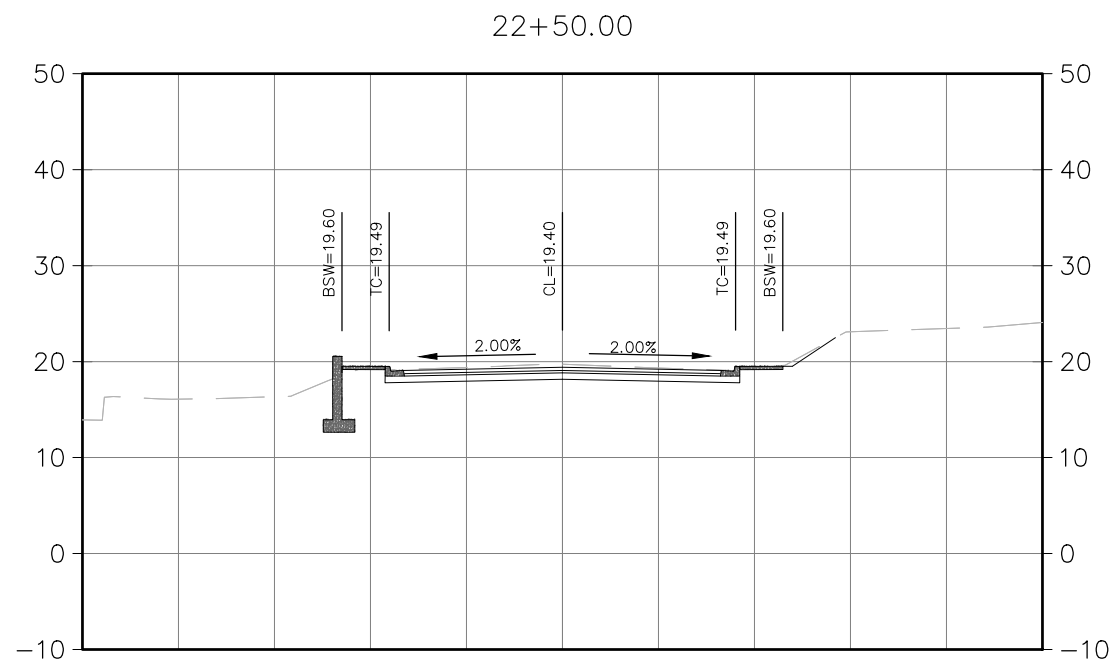
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Project No:		1201-061			

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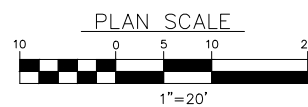
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CROSS SECTION STA 20+00 TO 22+00

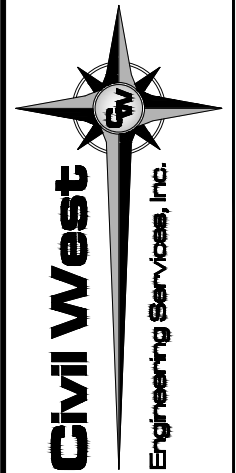
Sheet No.	C33
Date	JUNE 2017



CROSS SECTIONS STA 22+50 TO 24+00



EXPIRATION DATE: 6/30/17



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REV.	DATE	DESCRIPTION	BY

Designed By:	WD	Drawn By:	JBJ	Checked By:	MDW
Project No: 1201-061					

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COOS COUNTY

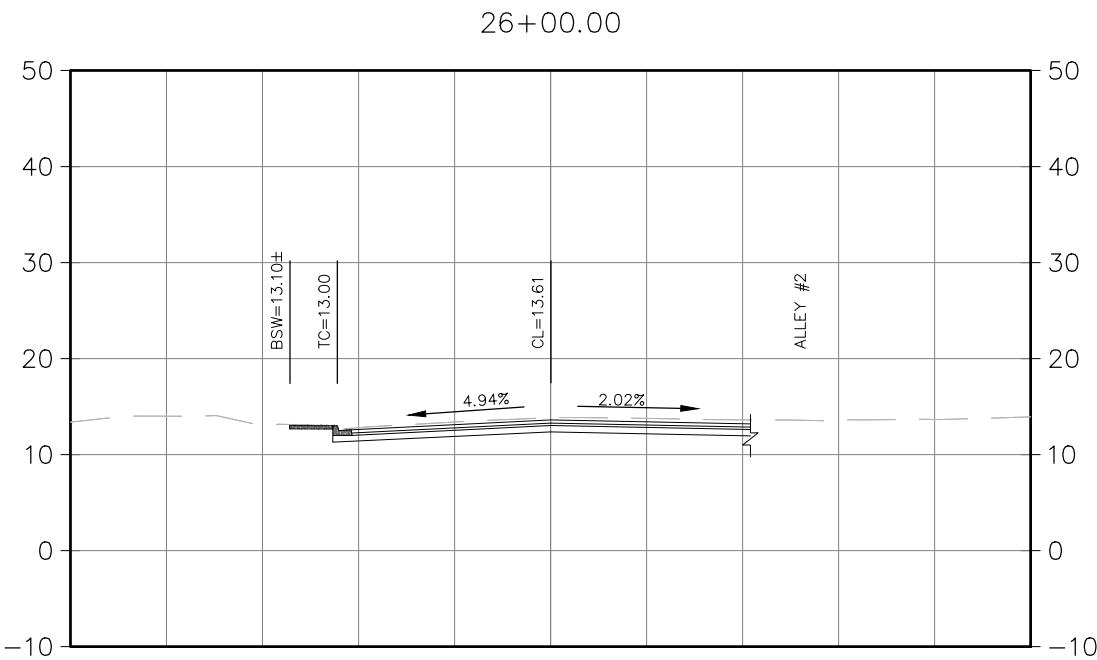
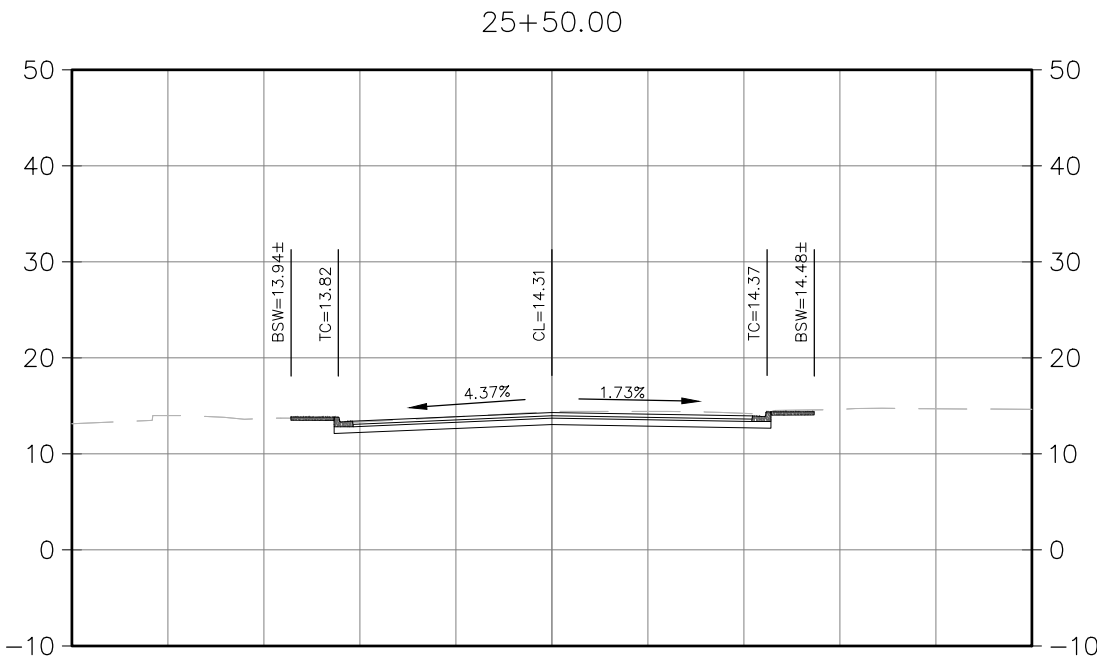
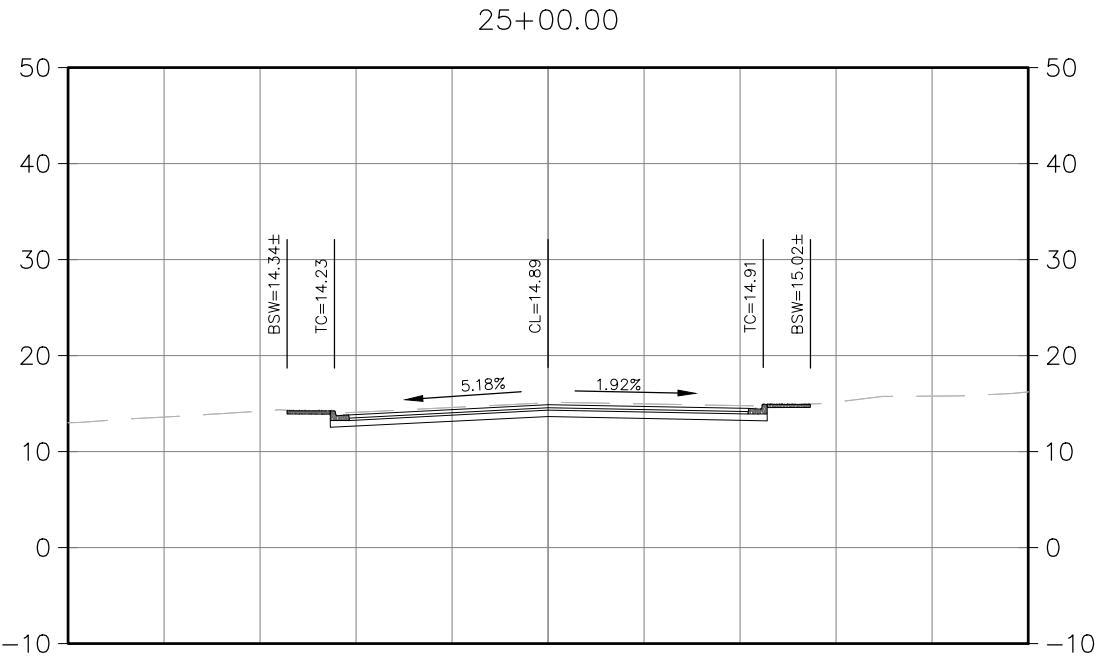
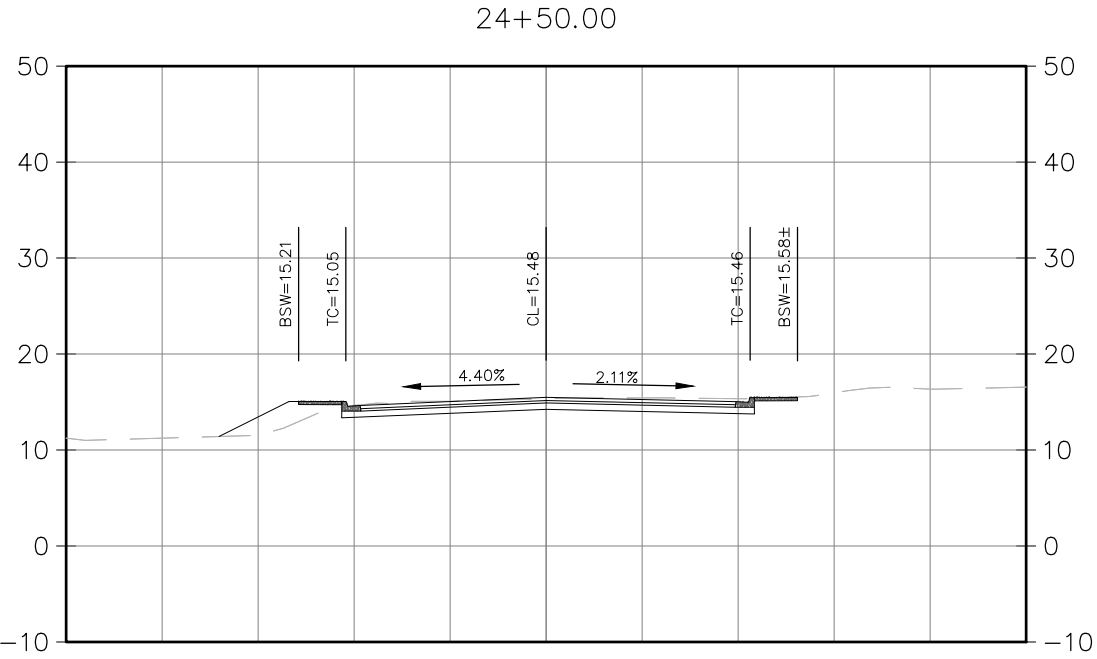
GOLDEN AVENUE ROADWAY  
RECONSTRUCTION

CROSS SECTIONS STA 22+50 TO  
24+00

Sheet No.	C34
Date	JUNE 2017

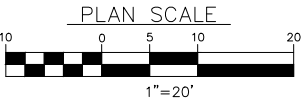


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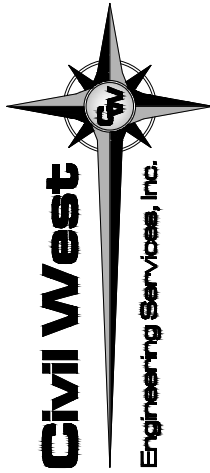


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CROSS SECTIONS STA 24+50 TO 26+00



EXPIRATION DATE: 6/30/17



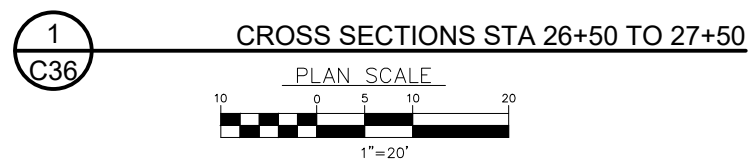
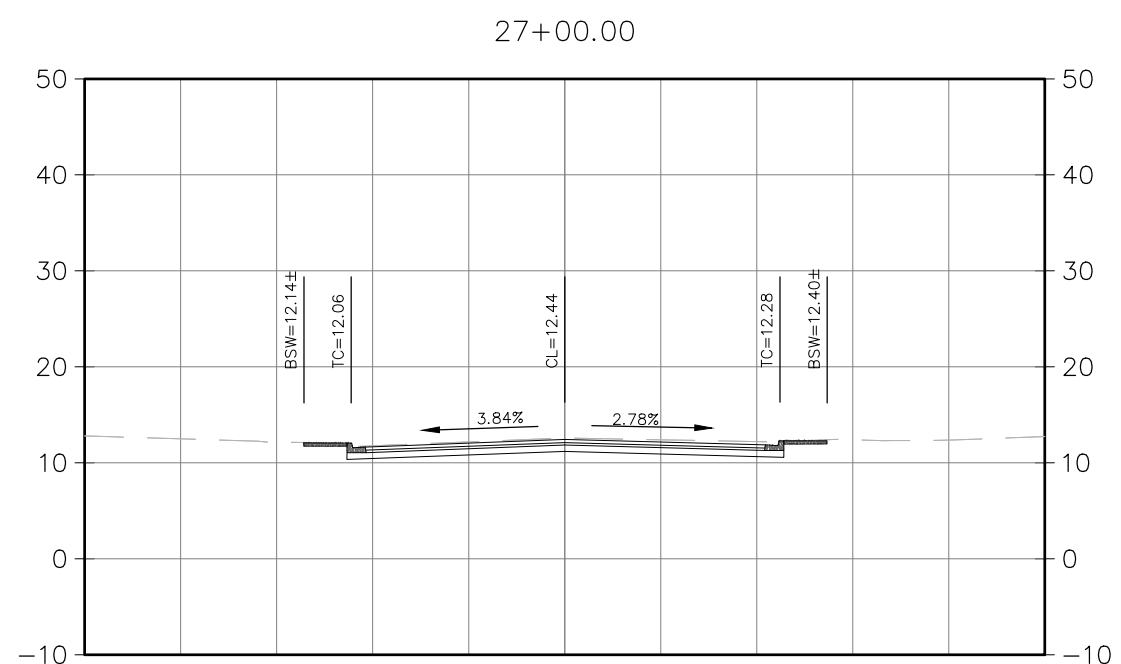
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Date	Sheet No. C35	JUNE 2017



CITY OF COOS BAY COOS COUNTY	GOLDEN AVENUE ROADWAY RECONSTRUCTION	CROSS SECTIONS STA 26+50 TO 27+50
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Sheet No.	C36
Date	<b>JUNE 2017</b>