



JUNE, 2026

1GBBA

CITY OF BEND, DESCHUTES COUNTY, OREGON

OWNER:

CITY OF BEND

ERIC FORSTER,
PROJECT MANAGER

710 NW WALL ST.
BEND OREGON,

OR 97703

VICINITY MAP

SCALE: 1"=1000'

APPROVALS:

CITY OF BEND ENGINEER:

NOTE: SIGNATURE DOES NOT GRANT APPROVAL TO COMMENCE CONSTRUCTION

BEND FIRE DEPARTMENT:

PACIFICORP:

LUMEN:

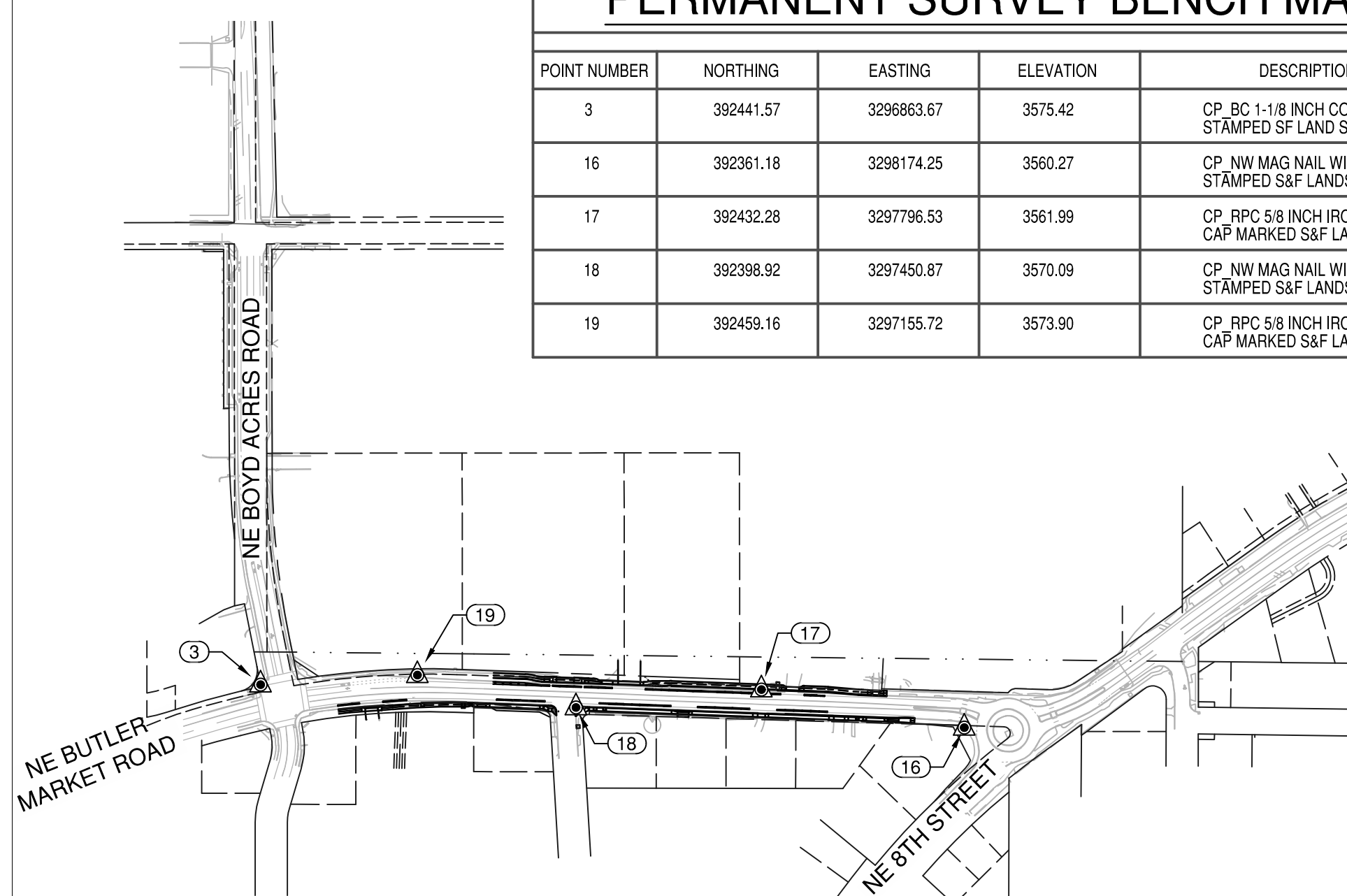
CASCADE NATURAL GAS:

CENTRAL OREGON IRRIGATION DISTRICT:

CASCADES EAST TRANSIT:

TDS:

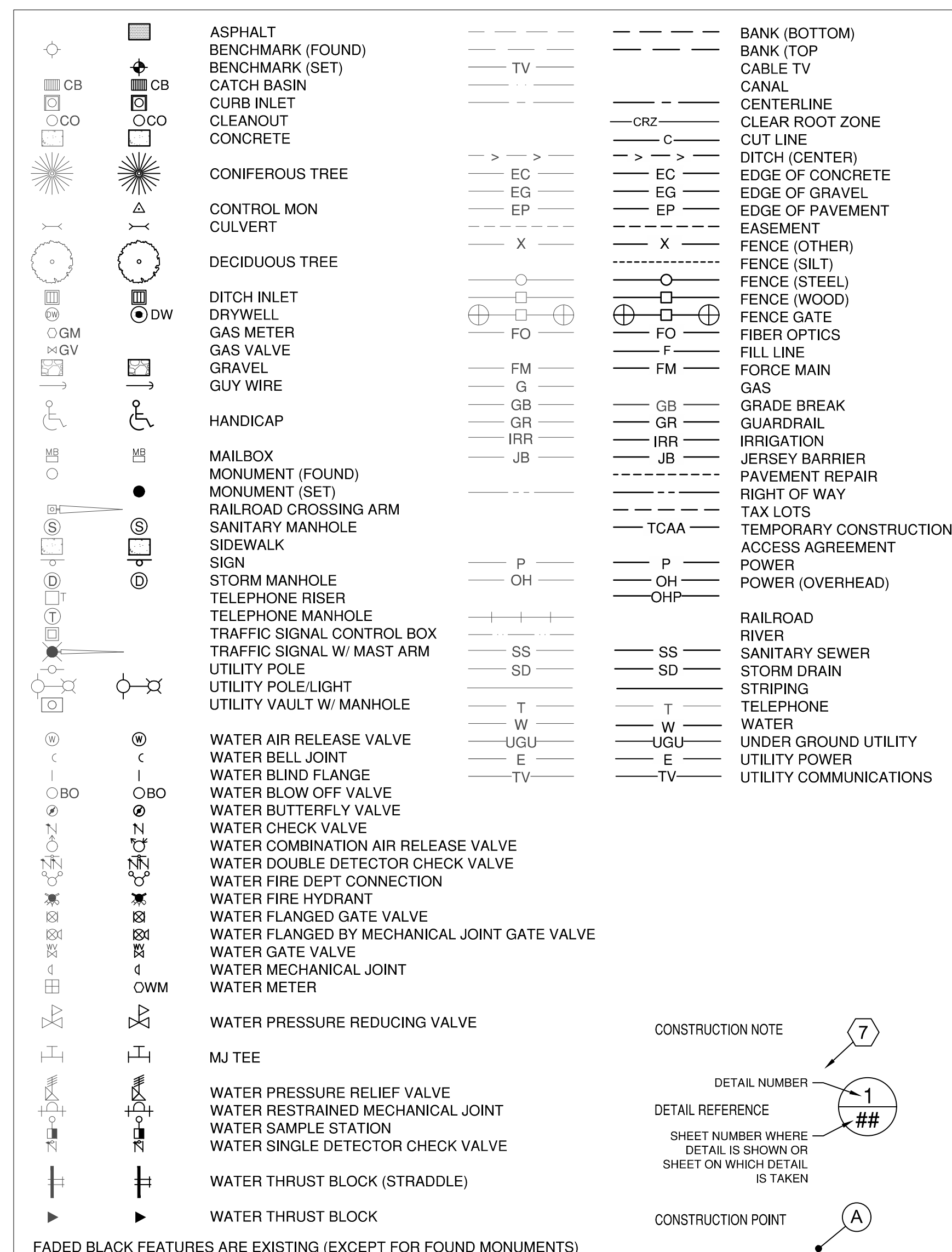
PERMANENT SURVEY BENCH MARKS:				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	392441.57	3296863.67	3575.42	CP_BC 1-1/8 INCH COPPER PLUG STAMPED SF LAND SERVICES 3
16	392361.18	3298174.25	3560.27	CP_NW MAG NAIL WITH 1-1/2 INCH WASHER STAMPED S&F LANDS CONTROL
17	392432.28	3297796.53	3561.99	CP_RPC 5/8 INCH IRON ROD WITH RED PLASTIC CAP MARKED S&F LANDS CONTROL
18	392398.92	3297450.87	3570.09	CP_NW MAG NAIL WITH 1-1/2 INCH WASHER STAMPED S&F LANDS CONTROL
19	392459.16	3297155.72	3573.90	CP_RPC 5/8 INCH IRON ROD WITH RED PLASTIC CAP MARKED S&F LANDS CONTROL



SITE PLAN

SCALE: 1"=250'

LEGEND:



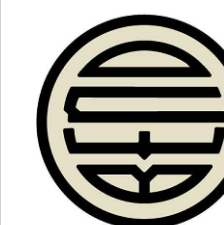
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CONSTRUCTION

BUTLER MARKET IMPROVEMENTS

PHASE 2

COVER SHEET

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1.	2.	3.
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WSP USA Inc.
3856 NW Bond St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4700



DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: AS SHOWN

DATE: 06/2026

VERIFY SCALES
0  1
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

G1

COB # 1GBBA

	1	2	3	4	5	6	
A	CONSTRUCTION NOTES: 1. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON THE JOB SITE INCLUDING BUT NOT LIMITED TO ALL DIMENSIONS, GRADES, ELEVATIONS, EXTENT AND COMPATIBILITY TO THE EXISTING SITE CONDITIONS, AND WITH THE WORK DESCRIBED ON THE ENGINEER'S DRAWINGS. ANY DISCREPANCIES OR UNEXPECTED CONDITIONS THAT AFFECT OR CHANGE THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. CONTRACTOR SHALL NOT PROCEED WITH ANY OF THE WORK IN THE AREA OF DISCREPANCIES UNTIL ALL SUCH DISCREPANCIES ARE RESOLVED. IF THE CONTRACTOR CHOOSES TO DO SO, THEN IT IS UNDERSTOOD THAT THE CONTRACTOR IS CHOOISING TO PROCEED AT THE CONTRACTOR'S OWN RISK AND SHALL INCUR ALL COSTS, IF ANY, TO RESOLVE THE ISSUES TO THE SATISFACTION OF THE ENGINEER. 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE RULES OF THE OREGON UTILITY NOTIFICATION CENTER. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 1-800-332-2344. 3. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITY FACILITIES BOTH BELOW GROUND AND OTHERWISE. SEE SPECIAL PROVISIONS SECTION 00498 - UTILITY FIELD EXPLORATIONS. 4. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONSTRUCTION. 5. PRESERVE AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. MAINTAIN SERVICE TO ALL CUSTOMERS. ANY DISRUPTED SERVICE SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE PURVEYOR AND IS SUBJECT TO APPROVAL BY THE ENGINEER. 6. THE DRAWINGS DO NOT SHOW THE NEW LOCATION OF ANY FRANCHISE UTILITIES RELOCATED BY THE UTILITY OWNERS PRIOR TO CONSTRUCTION. COORDINATE WITH ALL UTILITY OWNERS FOR ALL REVISED UTILITY LOCATIONS. SEE SPECIAL PROVISIONS SECTION 00150 - CONTROL OF WORK.						
B							
C							
D							
	1	2	3	4	5	6	

EROSION CONTROL AND STORMWATER POLLUTION PREVENTION GENERAL NOTES:

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION, ADJUSTMENT, MAINTENANCE, AND UPGRADING OF THESE EROSION AND SEDIMENT CONTROL MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR FOR THE DURATION OF THE PROJECT TO COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATION.

2. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE FOR ANTICIPATED SITE CONDITIONS. ADJUST OR UPGRADE THESE MEASURES FOR UNEXPECTED STORM EVENTS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.

3. DEVELOP A REVISED PLAN OF THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN AS REQUIRED BY SECTION 00280, STD DWG E-9, AND OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. IMPLEMENT THIS PLAN FOR ALL CLEARING AND GRADING ACTIVITIES AND IN SEGMENTS APPLICABLE TO EACH STAGING PHASE. CONSTRUCT IN SUCH A MANNER SO AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE ROADWAY OR DRAINAGE SYSTEM, OR VIOLATE APPLICABLE STANDARDS.

4. PROTECT AND PRESERVE ALL UNDISTURBED AREAS ADJACENT TO CONSTRUCTION SITE.

5. INSPECT ALL ROADWAYS ADJACENT TO THE CONSTRUCTION ACCESS ROUTE AT THE END OF EACH DAY. SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE CONSTRUCTION SITE MUST BE CLEANED UP WITHIN 24 HOURS AND STABILIZED BACK ON THE SITE OR PROPERLY DISPOSED. THE CAUSE OF SEDIMENT RELEASE MUST BE IDENTIFIED AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. VACUUMING OR DRY SWEEPING MUST BE USED TO CLEAN UP RELEASED SEDIMENT AND SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.

6. STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 CALENDAR DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 CALENDAR DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30).

7. PROTECT INLETS, DRYWELLS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT.

8. KEEP ROADS ADJACENT TO INLETS CLEAN.

9. INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS. CLEAN OR REMOVE AND REPLACE INLET PROTECTION DEVICES BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.

10. INSTALL SEDIMENT CONTROLS ALONG THE SITE PERIMETER ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE BEFORE COMMENCING EARTH DISTURBING ACTIVITIES.

11. WHENEVER POSSIBLE, CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHOULD BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.

12. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ONSITE, KEEPING OFF OF ROADWAY AND SIDEWALKS.

13. COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ONSITE FROM VANDALISM. MAINTAIN A SUPPLY OF MATERIALS ON HAND TO ADDRESS AND CONTAIN SPILLS.

14. LOCATE DESIGNATED VEHICLE AND EQUIPMENT SERVICE AREAS, FUEL, AND MATERIALS AWAY FROM DRAINAGE INLETS, WATERCOURSES, AND CANALS. PROPERLY CONTAIN AREAS USING BERMS, SANDBAGS, OR OTHER BARRIERS.

15. REGULARLY INSPECT AND MAINTAIN EQUIPMENT, ESPECIALLY FOR DAMAGED HOSES AND LEAKY GASKETS. CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES (I.E. OIL CHANGES, FUEL TANK DRAIN DOWN, ETC) THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. PERFORM REPAIRS ONSITE USING TEMPORARY PLASTIC OR OIL ABSORBING BLANKETS BENEATH THE VEHICLE.

16. APPLY LANDSCAPING OR AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES.

17. INSPECT ON A REGULAR BASIS (AT A MINIMUM BIWEEKLY, AND WITHIN 24 HOURS OF ANY STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPS.

18. REMOVE TEMPORARY ESC BMPS WITHIN 30 DAYS AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.

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CONSTRUCTION

BUTLER MARKET IMPROVEMENTS

PHASE 2

CONSTRUCTION NOTES

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1.	
2.	
3.	

WSP USA, Inc.
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Tel: 1 541 640 4700



DESIGNED BY: CAS
DRAWN BY: ARO
SCALE: NTS
FILE P2-1TBMW-C02.NOTES.dwg

DATE: 06/2026

VERIFY SCALES
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

G2

COB #1GBBA

A

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C

D

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CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2



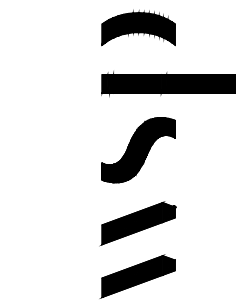
CITY OF BEND

TYPICAL SECTIONS
DESCHUTES COUNTY, OREGON

REVISIONS:

1. 2. 3.

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DESIGNED BY: OJC
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SCALE: AS SHOWN
FILE P2-1TBMW/C03.TYP-1.dwg

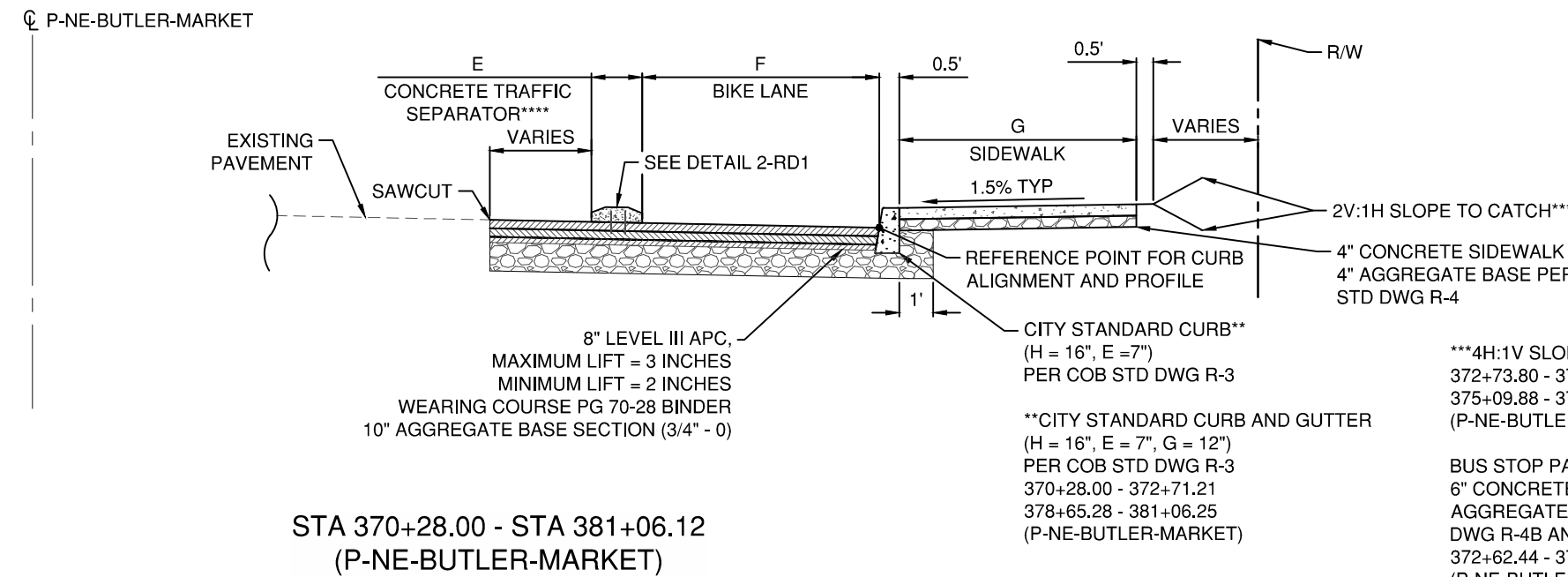
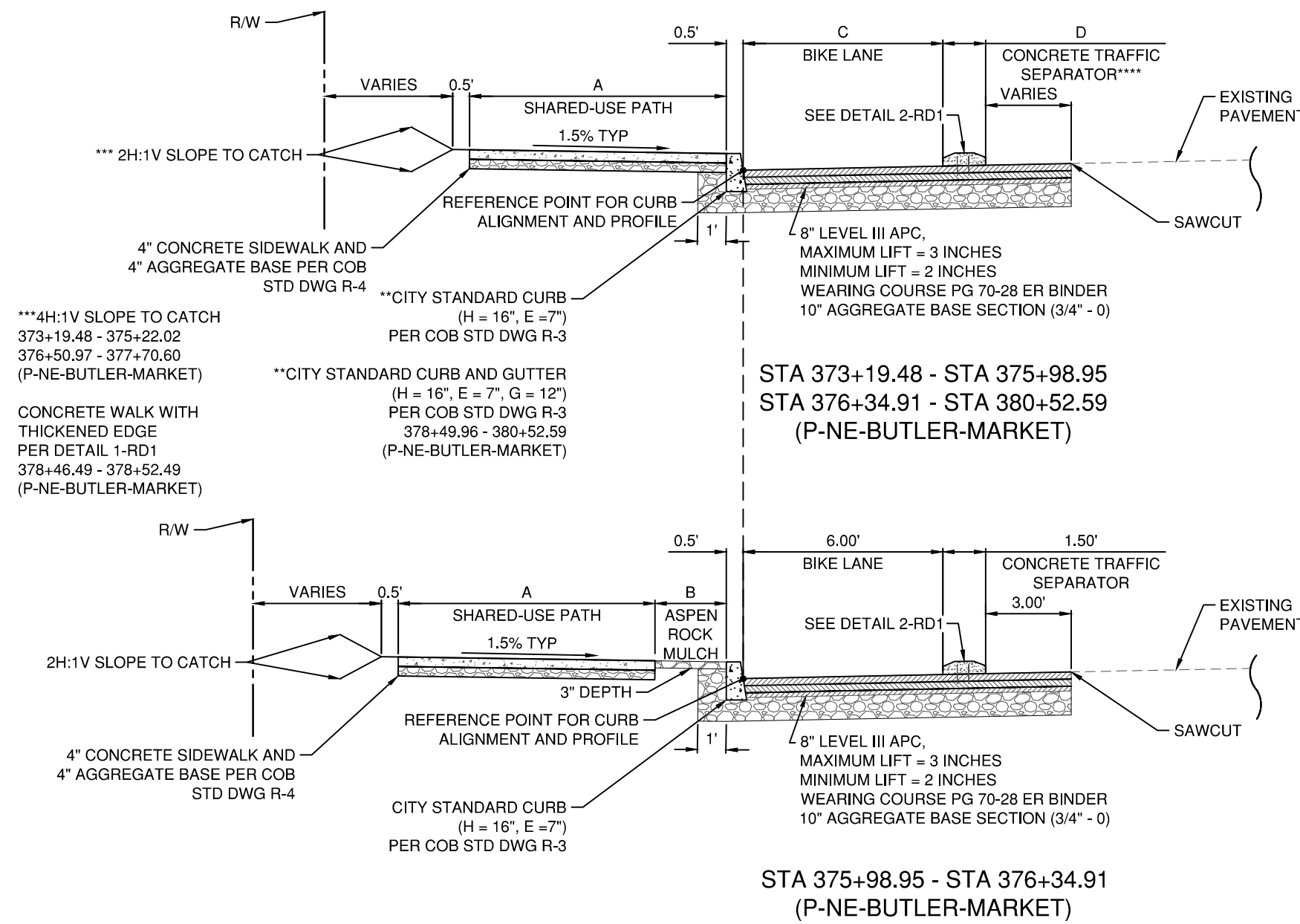
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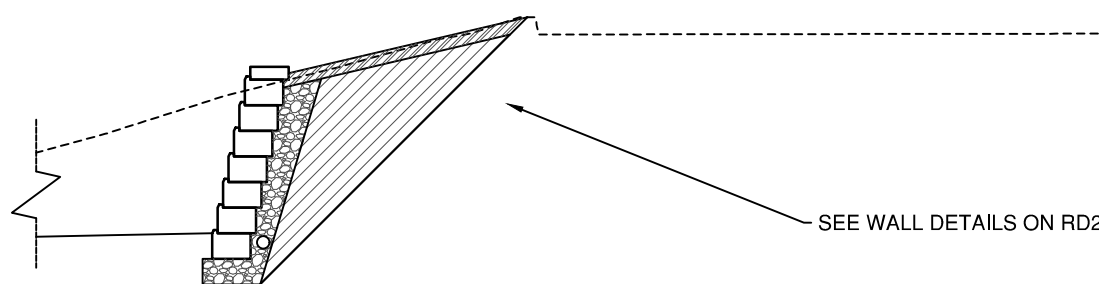
SHEET:

TYP1

COB #1GBBA

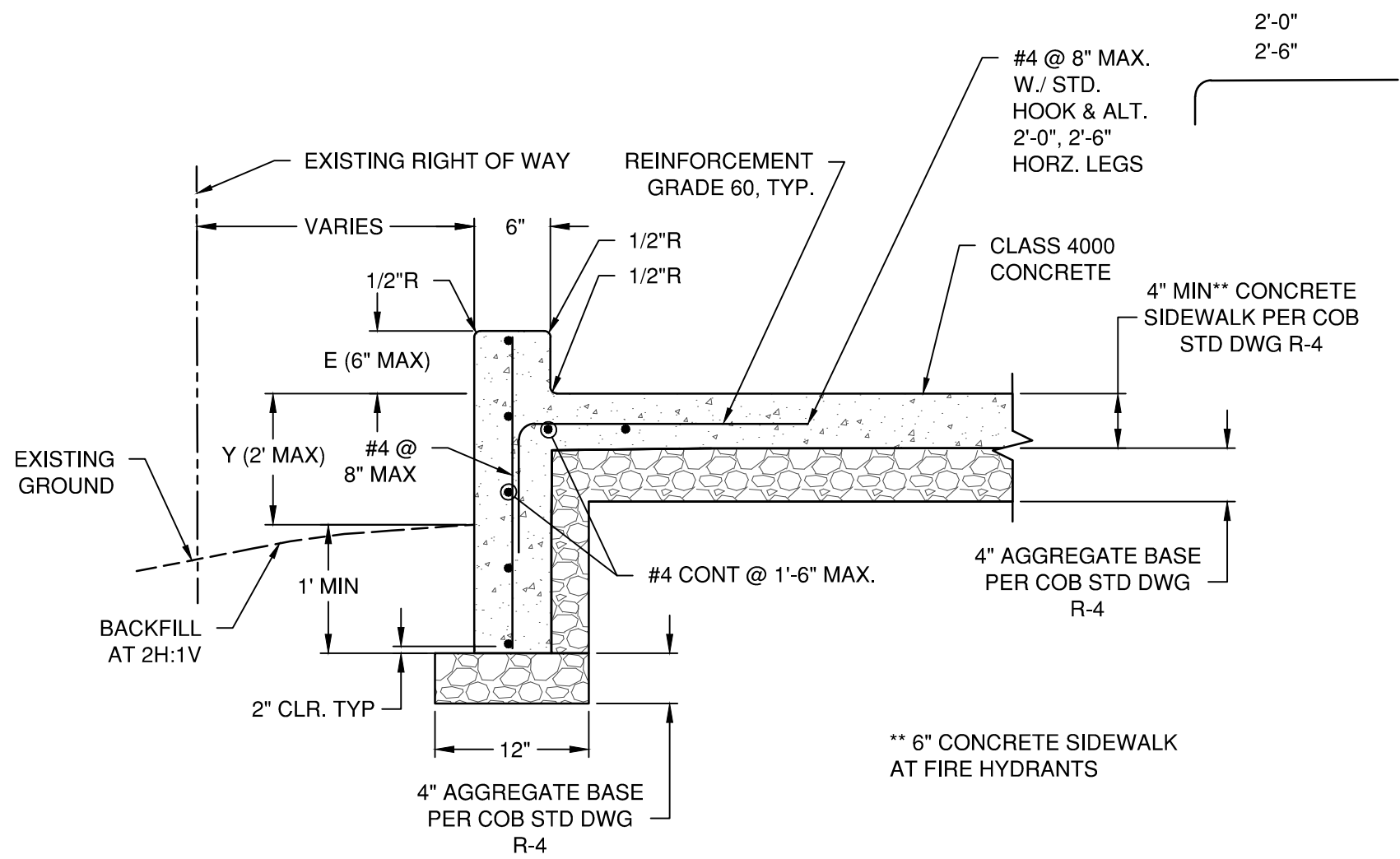


STATION START	STATION END	SHARED-USE PATH	ASPEN ROCK MULCH	BIKE LANE (LEFT)	CONC. TRAFFIC SEPARATOR (LEFT)	CONC. TRAFFIC SEPARATOR (RIGHT)	BIKE LANE (RIGHT)	SIDEWALK
A	B	C	D	E	F	G		
370+28.00	370+69.00					1.50'	7.00'	7.00'
370+69.00	371+13.52					0.00'	7.00'	7.00'
371+13.52	371+57.93					1.50'	7.00'	7.00'
371+57.93	372+68.49					0.00'	7.00'	7.00'
372+68.49	372+82.71					0.00'	7.00'	7.00' - 6.00'
372+82.71	373+27.05					0.00'	7.00'	6.00'
373+27.05	374+14.04					1.50'	7.00'	6.00'
373+19.48	373+78.50	9.00'		7.00'	4.00'			
373+78.50	374+09.21	9.00'		7.00' - 6.00'	4.00' - 1.50'			
374+09.21	374+24.42	9.00'		6.00'	1.50'			
374+24.42	374+30.42	9.00'		6.00'	0.00'			
374+30.42	374+83.77	9.00'		6.00'	1.50'			
374+83.77	374+89.77	9.00'		6.00'	0.00'			
374+89.77	375+04.96	9.00'		6.00'	1.50'			
375+04.96	375+22.02	9.00' - 6.00'		6.00'	1.50'			
375+22.02	375+41.20	6.00'		6.00'	1.50'			
375+41.20	375+98.95	6.00'		6.00'	0.00'			
375+98.95	376+15.97	6.00'	0.00' - 2.46'	6.00'	1.50'			
376+15.97	376+17.76	6.00' - 6.04'	2.46' - 2.50'	6.00'	1.50'			
376+17.76	376+19.46	6.04' - 6.11'	2.50'	6.00'	1.50'			
376+19.46	376+34.91	6.11' - 9.32'	2.50' - 0.00'	6.00'	1.50'			
376+34.91	376+50.97	9.32' - 9.00'		6.00' - 7.00'	1.50'			
376+50.97	378+55.38	9.00'		7.00'	1.50'			
378+55.38	378+56.38	9.00'		7.00'	0.00'			
378+56.38	378+65.38	9.00' - 6.00'		7.00'	0.00'			
378+65.38	378+89.38	6.00'		7.00'	0.00'			
378+89.38	378+98.38	6.00' - 9.00'		7.00'	0.00'			
378+98.38	378+99.38	9.00'		7.00'	0.00'			
378+99.38	379+22.92	9.00'		7.00'	1.50'			
379+22.92	379+37.42	9.00'		7.00'	0.00'			
379+37.42	380+04.80	9.00'		7.00' - 5.26'	0.00'			
380+04.80	380+17.18	9.00'		5.26' - 5.22'	0.00'			
380+17.18	380+26.15	9.00' - 6.00'		5.22' - 5.19'	0.00'			
380+26.15	380+38.15	6.00'		5.19' - 5.17'	0.00'			
380+38.15	380+46.88	6.00' - 8.95'		5.17' - 5.13'	0.00'			
380+46.88	380+52.59	8.95' - 8.91'		5.13'	0.00'			
375+00.15	375+35.97				0.00'	7.00'	6.00'	
375+35.97	376+51.69				1.50'	7.00'	6.00'	
376+51.69	377+01.54				0.00'	7.00'	6.00'	
377+01.54	377+98.45				1.50'	7.00'	6.00'	
377+98.45	378+49.65				0.00'	7.00'	6.00'	
378+49.65	379+43.38				1.50'	7.00'	6.00'	
379+43.38	380+57.38				0.00'	7.00'	6.00'	
380+57.38	380+99.12				0.00'	7.00' - 5.16'	6.00' - 8.11'	
380+99.12	381+06.12				0.00'	5.16' - 4.99'	8.11'	



STATION START	START OFFSET	STATION END	END OFFSET	WALL LENGTH	APPROXIMATE MAX WALL HEIGHT
370+28.00	34.50' RT	370+78.54	39.25' RT	49.62'	3.66'
373+26.62	29.00' RT	374+23.26	33.08' RT	97.50'	7.00'

NOTES:
SEE NOTE 1 ON CURB PLAN AND PROFILE
SHEETS FOR WIDTH OF SAWCUT.



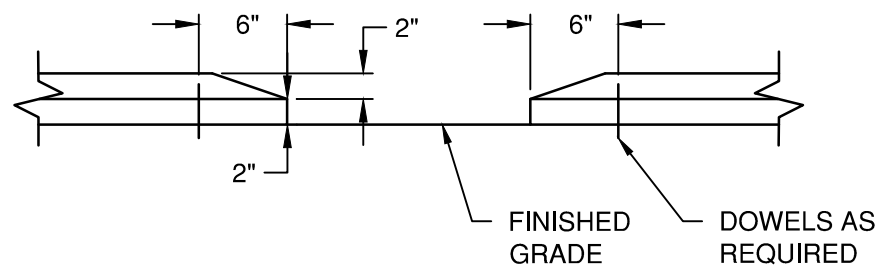
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RD1

CONCRETE WALK WITH THICKENED EDGE

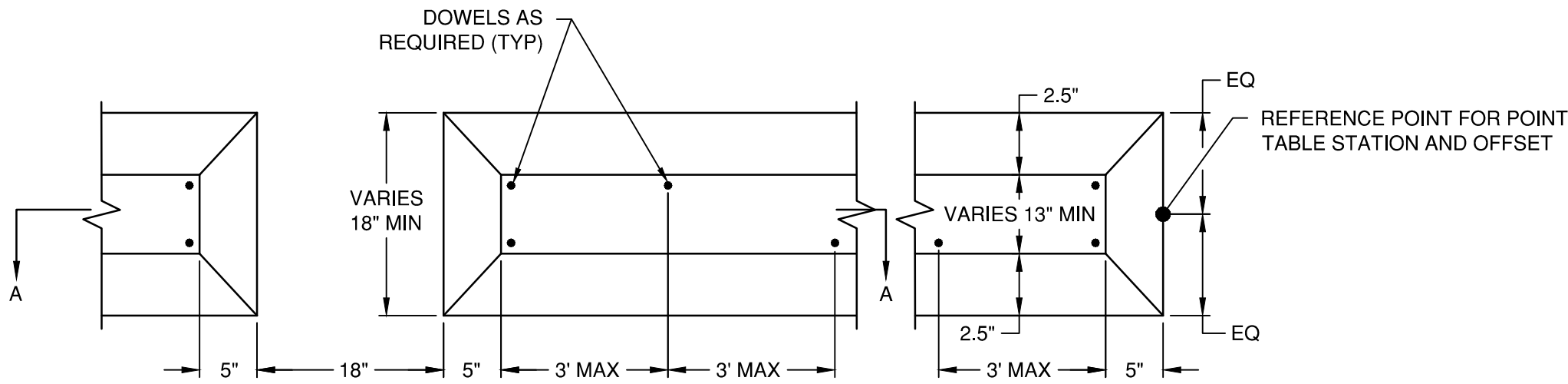
NTS

CONCRETE WALK WITH THICKENED EDGE HEIGHT TABLE			
REFERENCE LINE: P-NE-BUTLER-MARKET			
	LOCATION	HEIGHT (Y)	EXPOSURE (E)
START	378+46.49 / 32.00'L.T.	1' - 7"	0"
	378+46.49 / 37.00'L.T.	2'	0"
	378+52.49 / 37.00'L.T.	2'	0"
END	378+52.49 / 32.00'L.T.	1' - 7"	0"
START	380+76.92 / 29.23'RT.	9"	0"
	380+78.92 / 29.25'RT.	9"	6"
	380+96.92 / 29.46'RT.	9"	6"
END	380+98.92 / 29.48'RT.	9"	0"

NOTE:
HEIGHT (Y) AND EXPOSURE (E)
ARE APPLIED AT SPECIFIC
STATION AND OFFSET.
TRANSITION SMOOTHLY
BETWEEN POINTS.



SECTION A



2
RD1

CONCRETE TRAFFIC SEPARATOR

NTS

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PHASE 2

DETAILS

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1.
2.
3.

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DESIGNED BY: CAS
DRAWN BY: ARO
SCALE: AS SHOWN
FILE: P2-TBMM/C04/DETAILS.dwg

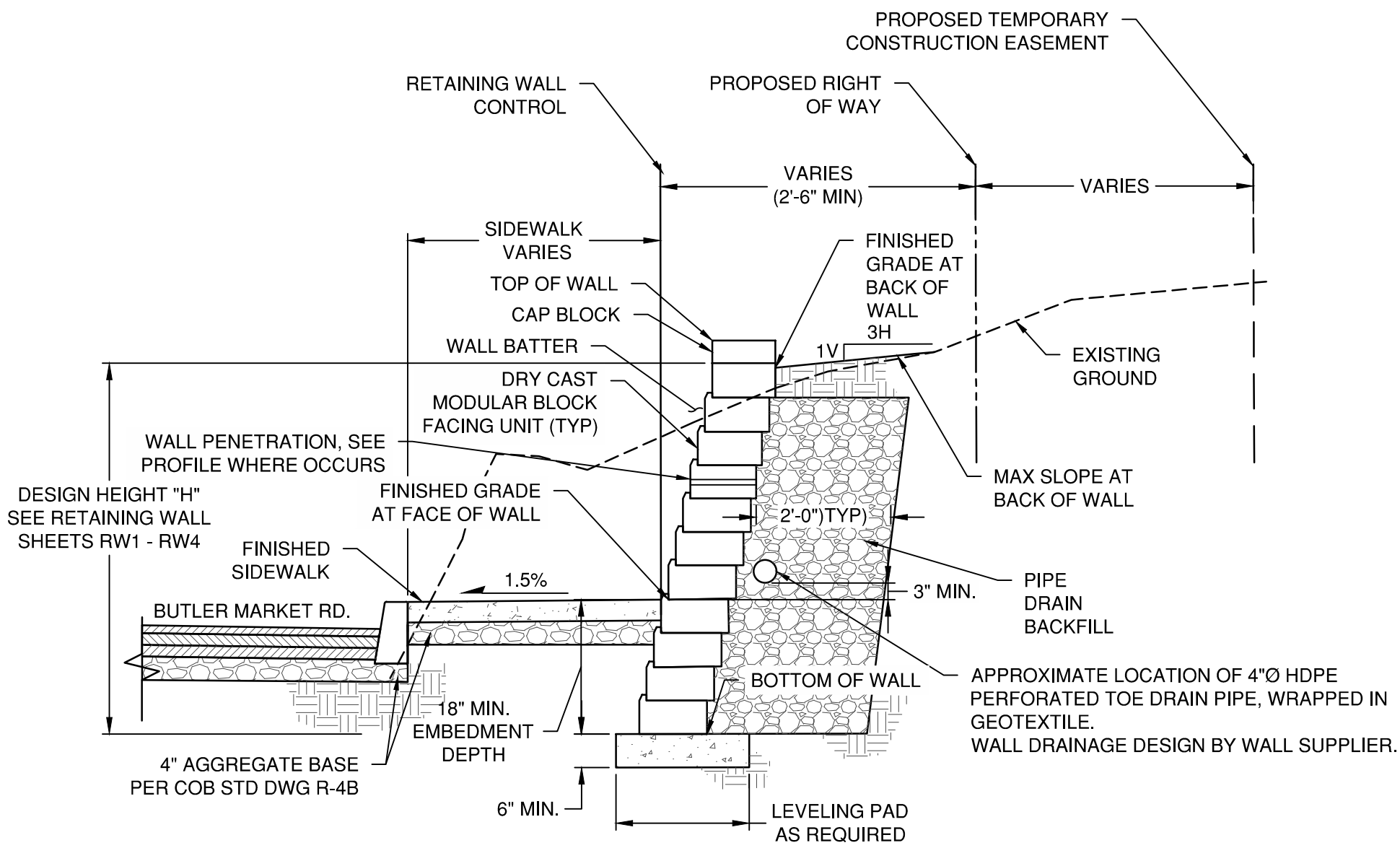
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VERIFY SCALES
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BAR EQUALS ONE INCH
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SHEET:

RD1

COB #1GBBA

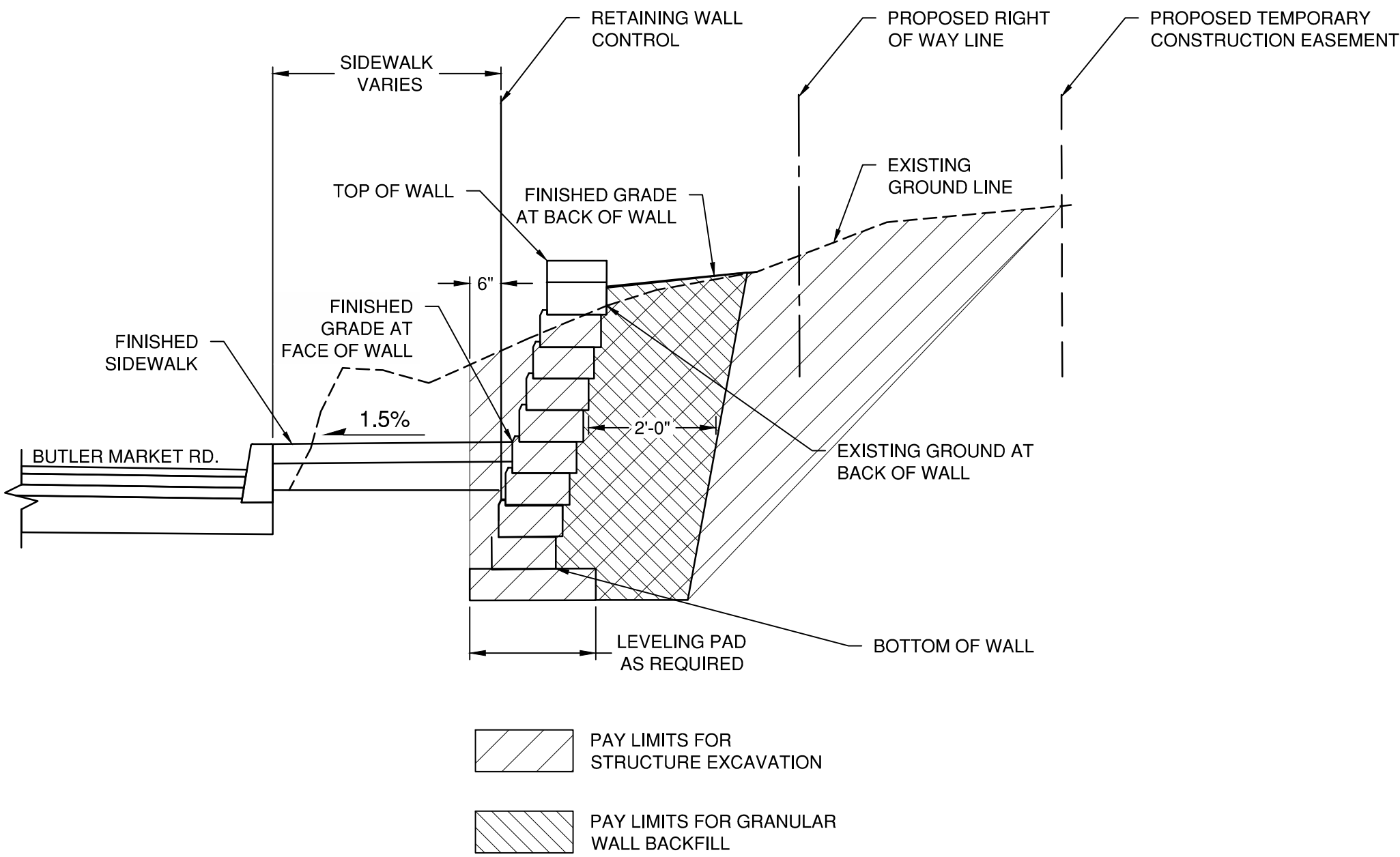


1
RD2 NTS

TYPICAL CUT RETAINING WALL

GENERAL NOTES:

1. FOR OPENING IN THE WALL, FABRICATOR SHALL PROVIDE 1" COMPRESSIVE MATERIAL ALL AROUND. PROVIDE DETAIL FOR ENGINEER'S APPROVAL.



2
RD2 NTS

STRUCTURE EXCAVATION AND BACKFILL PAY LIMITS

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PHASE 2

DETAILS

DESCHUTES COUNTY, OREGON

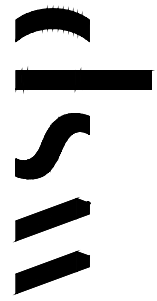


CITY OF BEND

REVISIONS:

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DESIGNED BY: SD
DRAWN BY: ARO

SCALE: AS SHOWN
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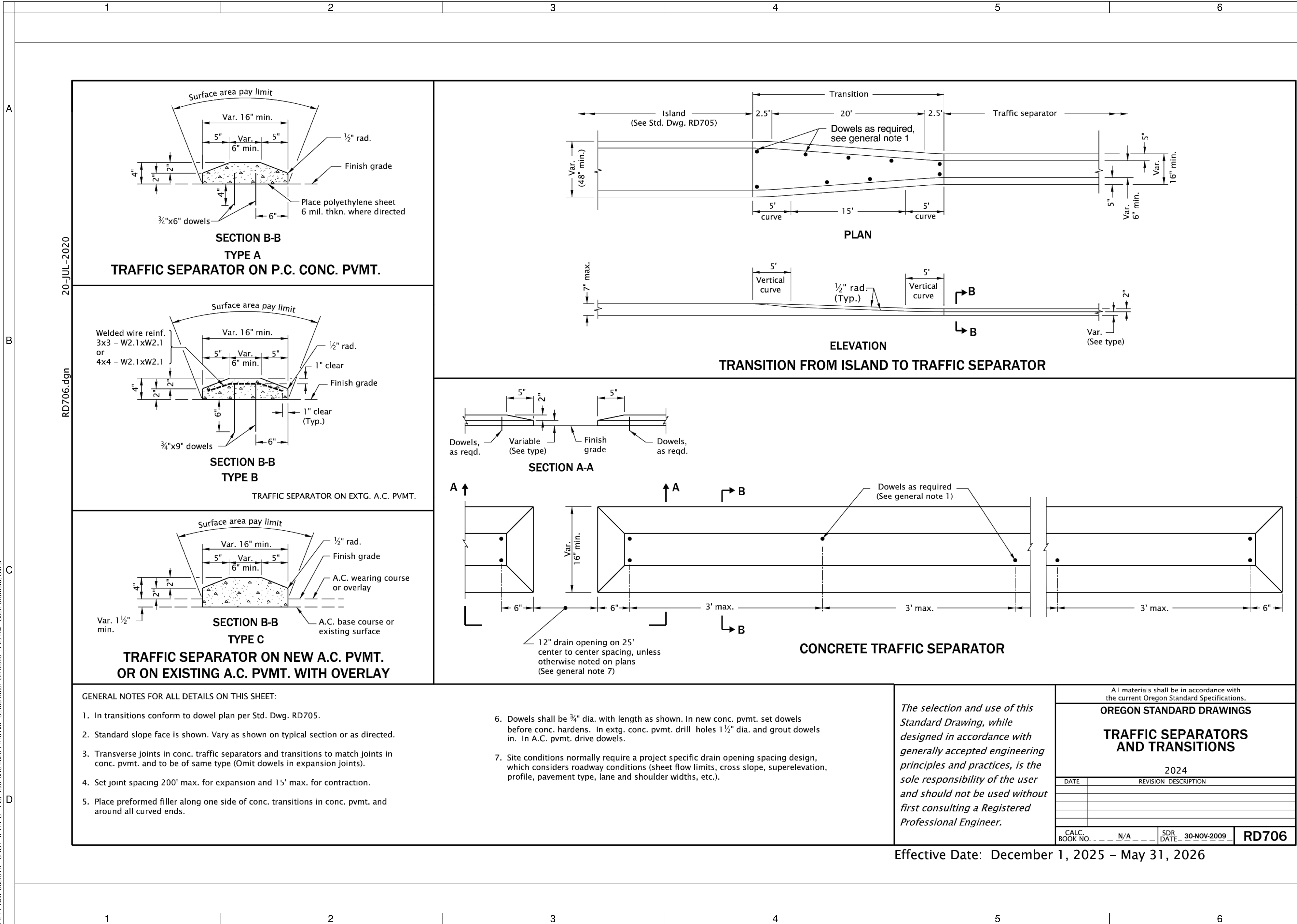
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ON ORIGINAL DRAWING

SHEET:

RD2

COB #1GBBA

P2-1TBMW/C05-STD - ODOT-DETAILS Plot Date: 6/18/2026 11:18 AM Saved Date: 4/27/2026 11:20 AM User: Crawford, Oliver



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PHASE 2
ODOT STANDARD DRAWINGS
DESCHUTES COUNTY, OREGON



CITY OF BEND

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DESIGNED BY: EL
DRAWN BY: EL
SCALE: NTS
FILE: P2-1TBMW/C05-STD - ODOT-DETAILS.dwg

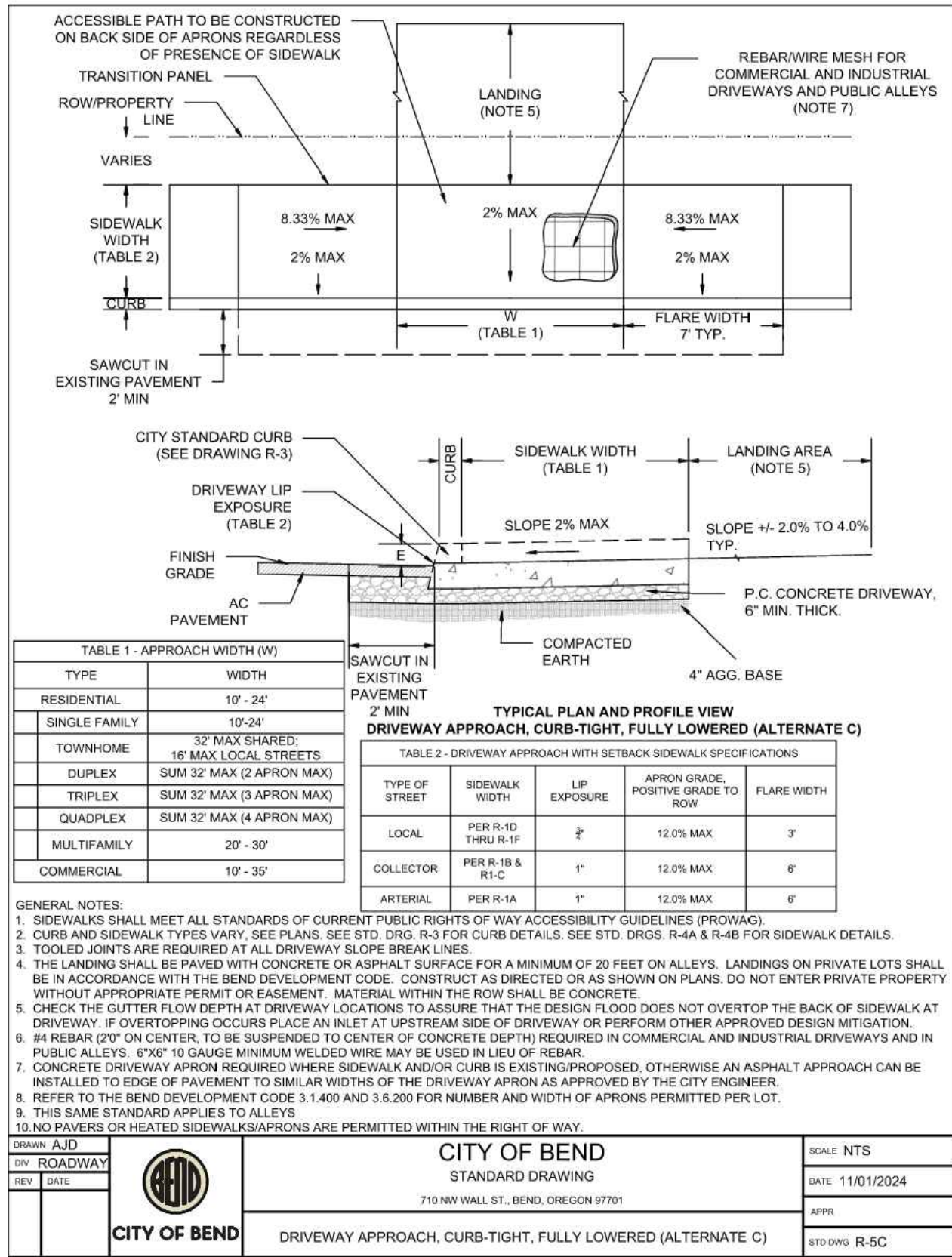
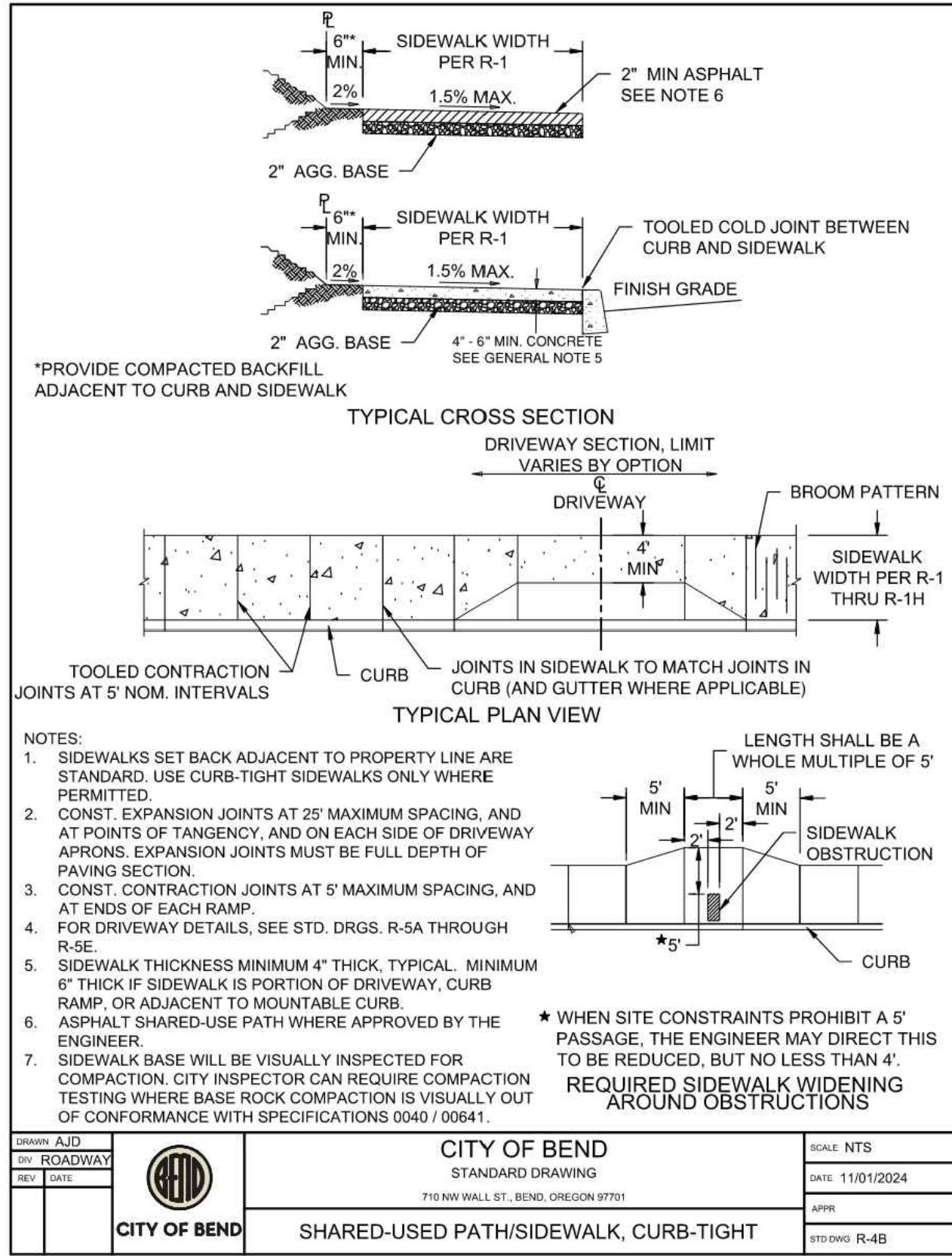
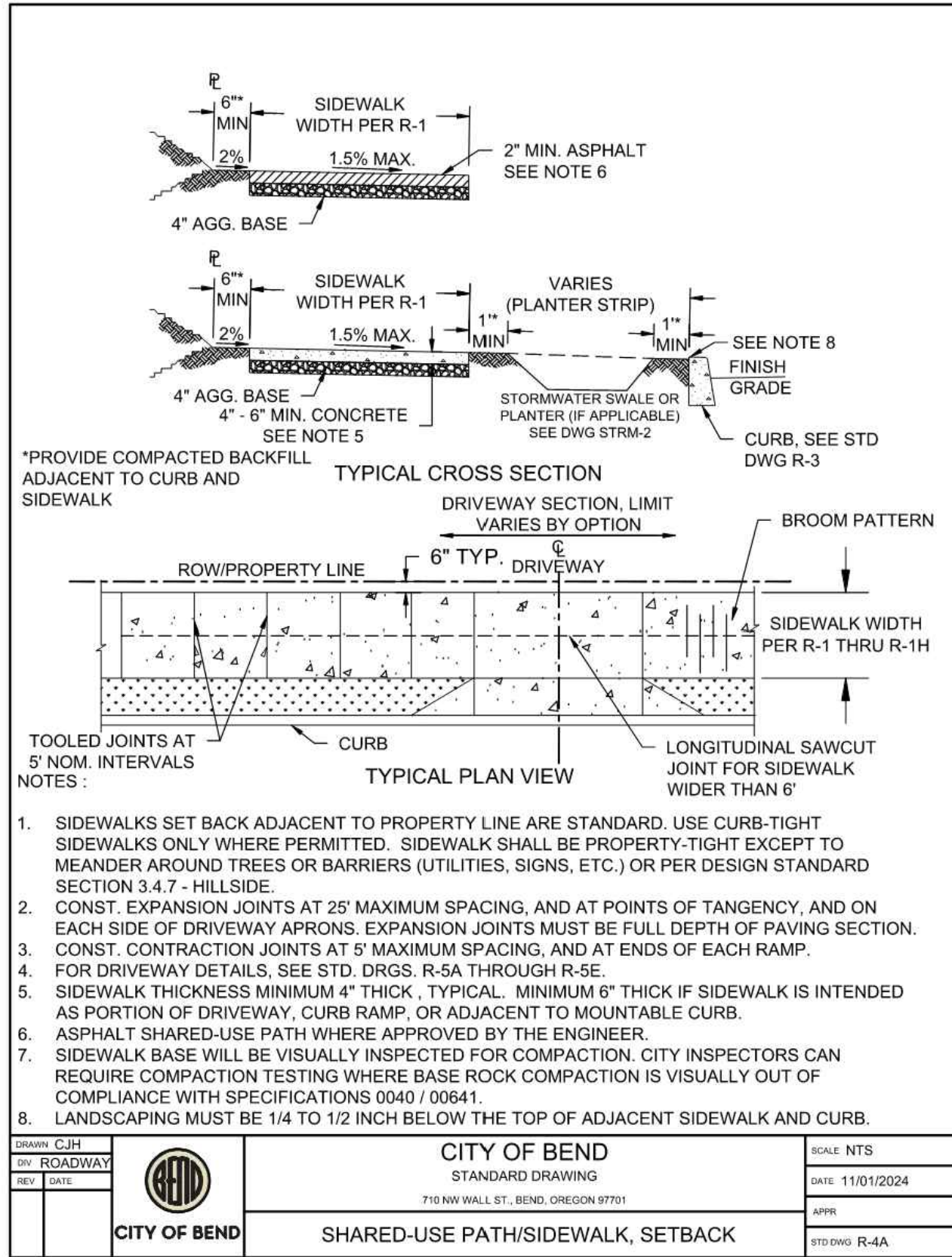
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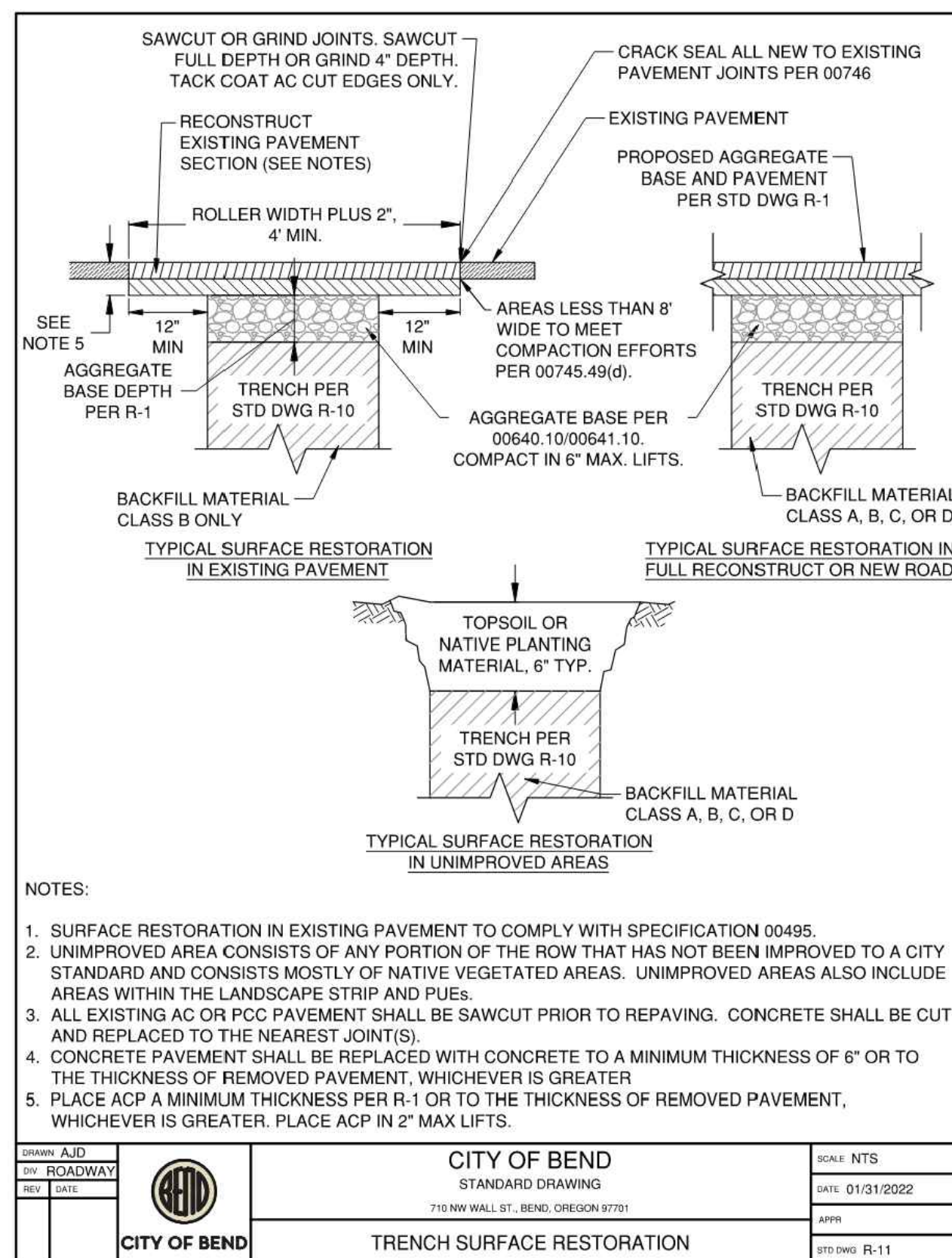
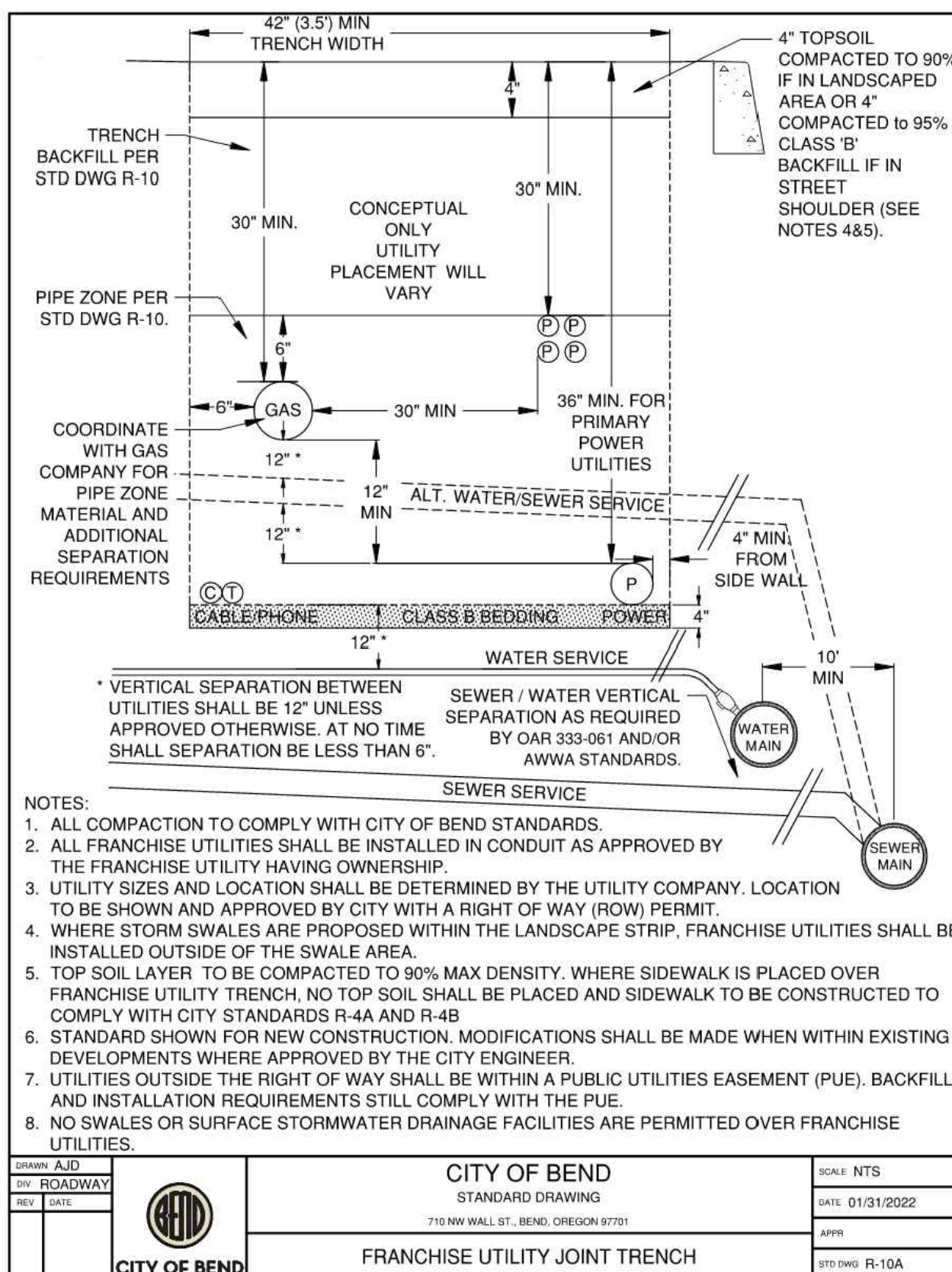
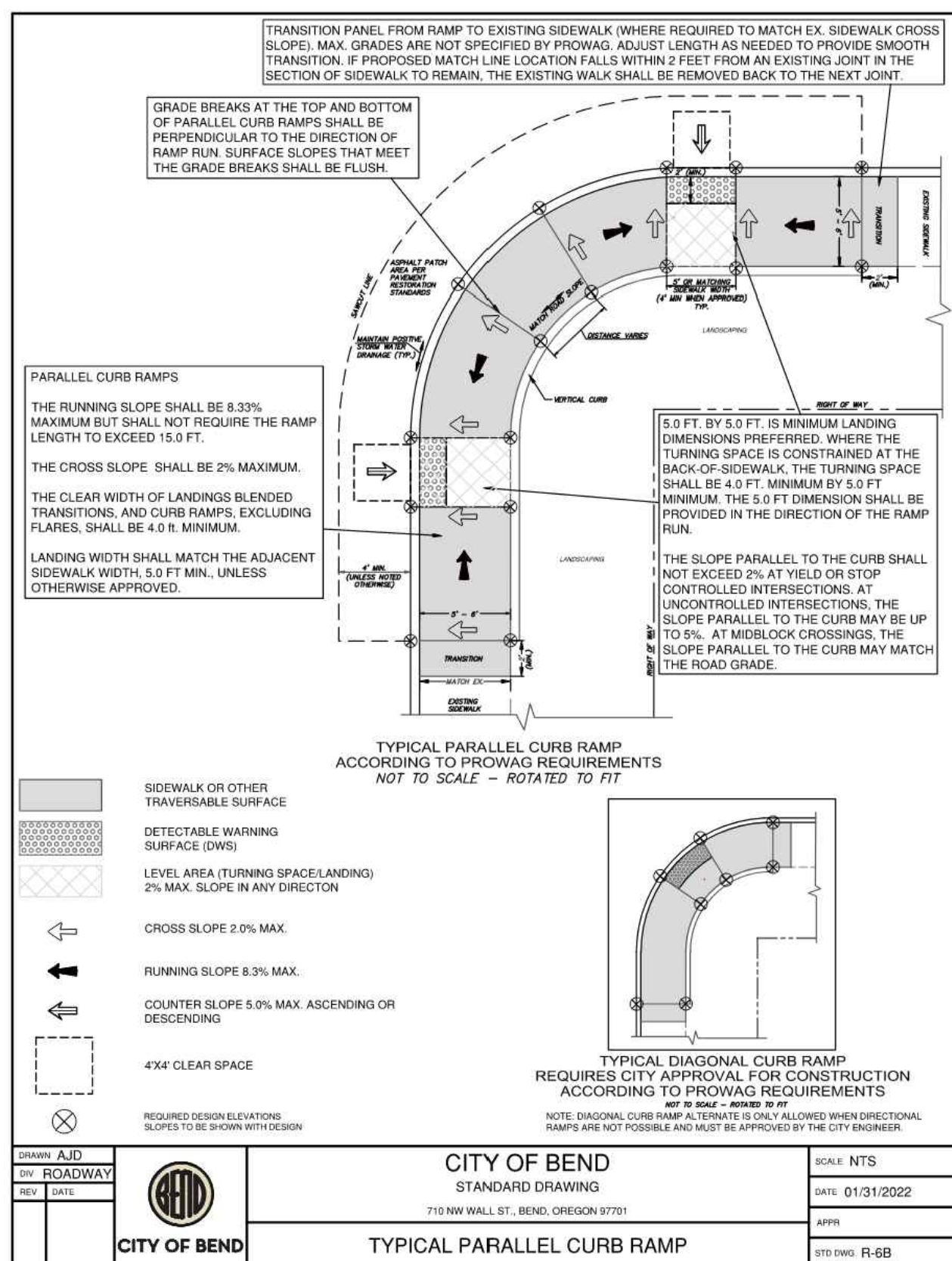
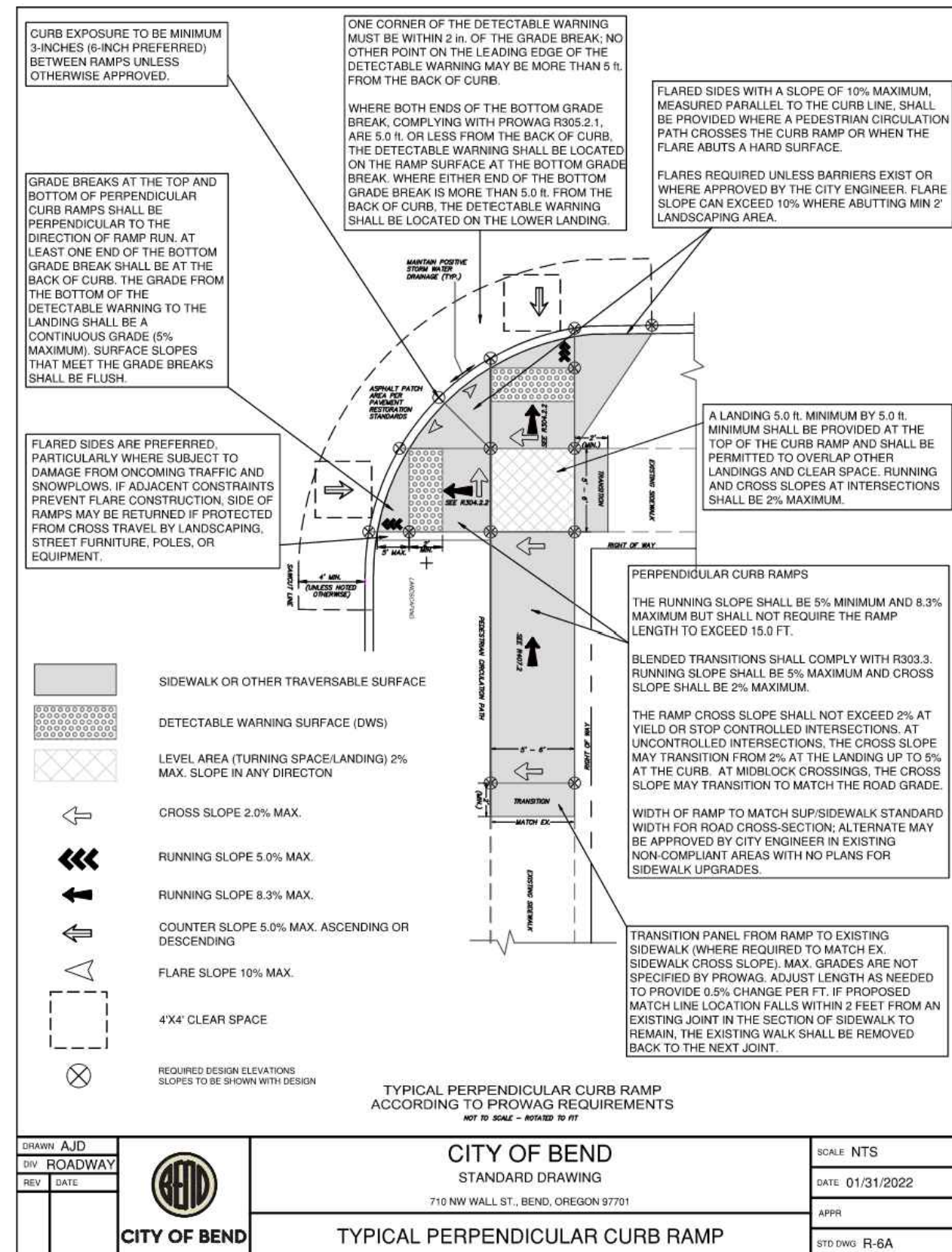
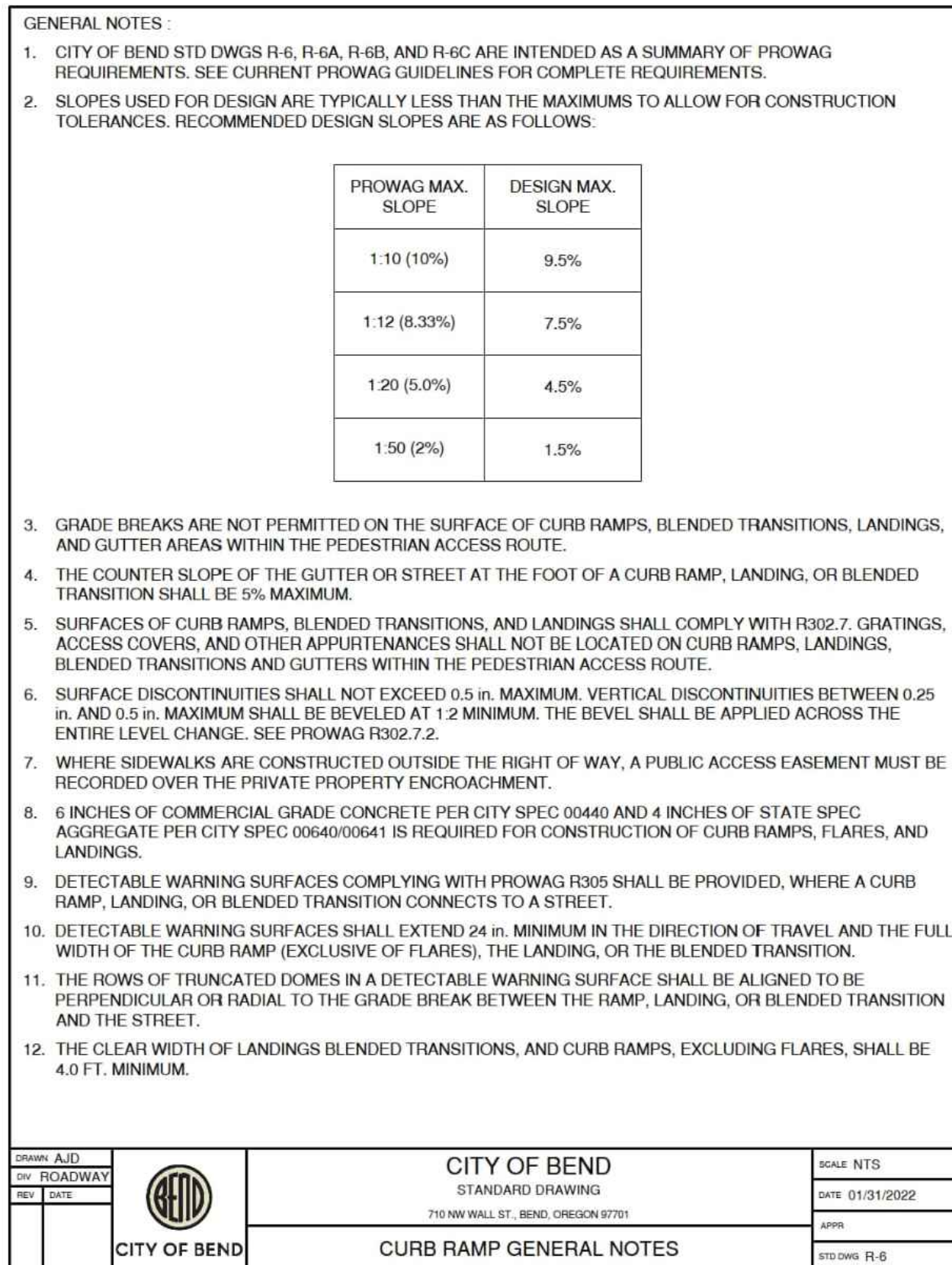
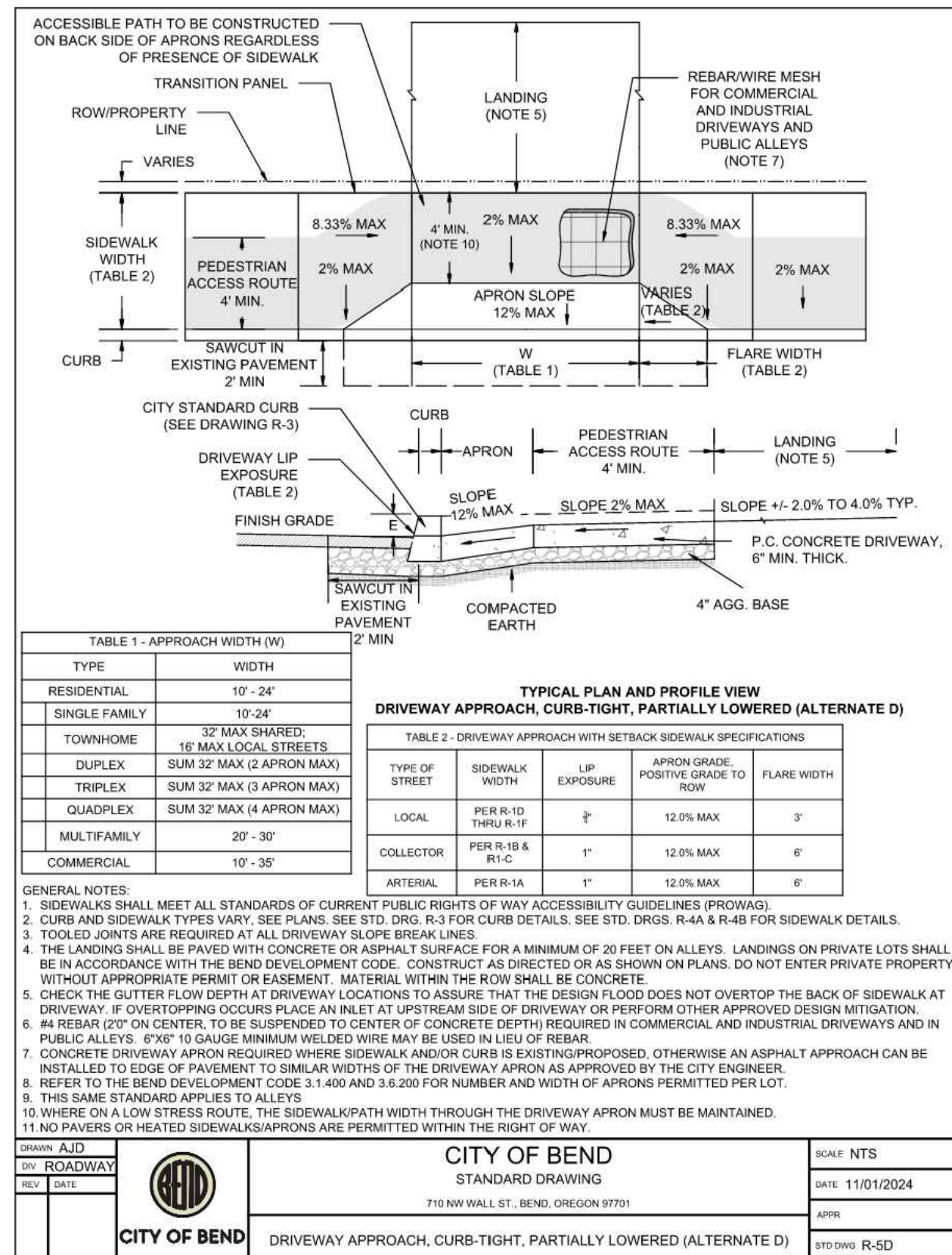
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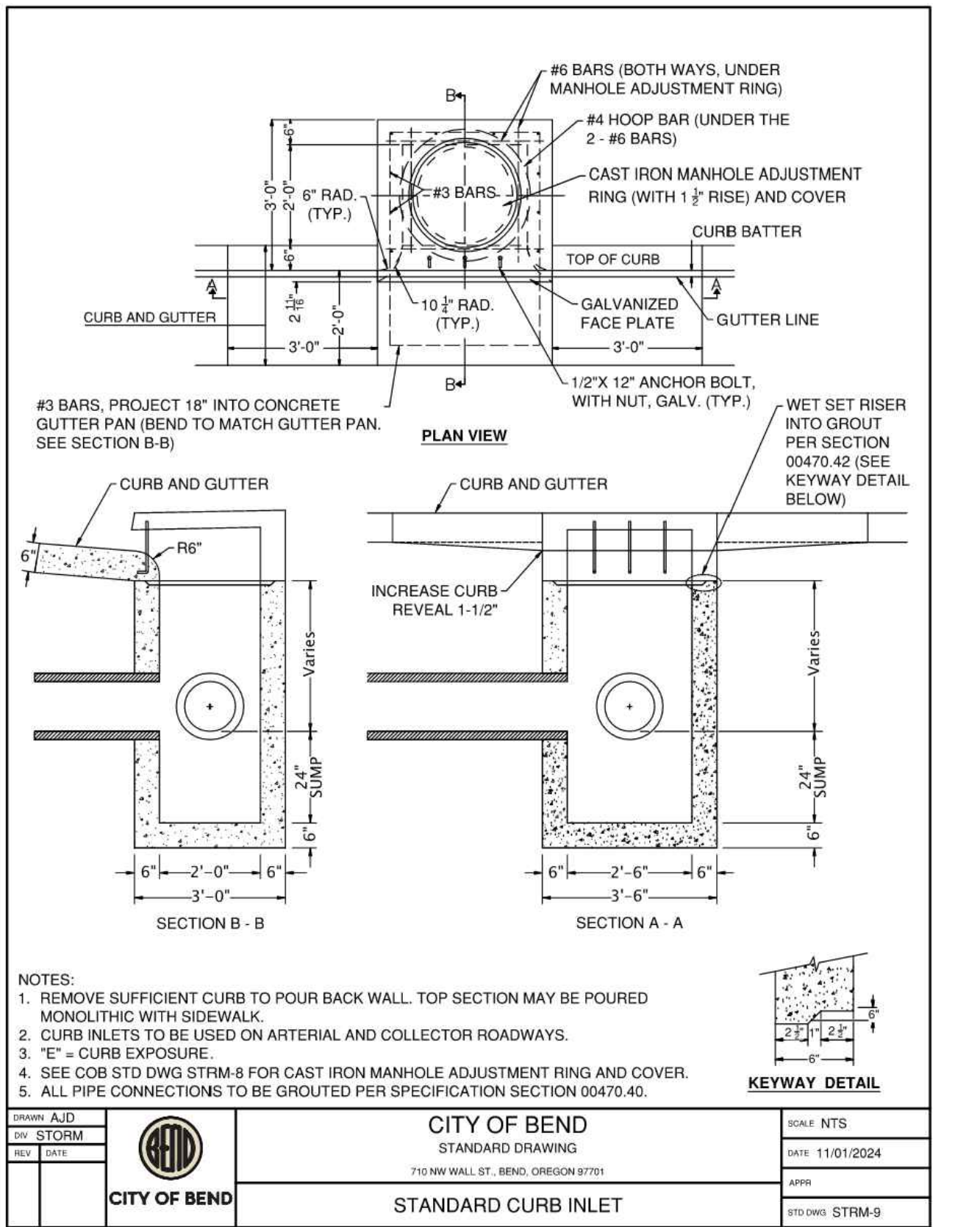
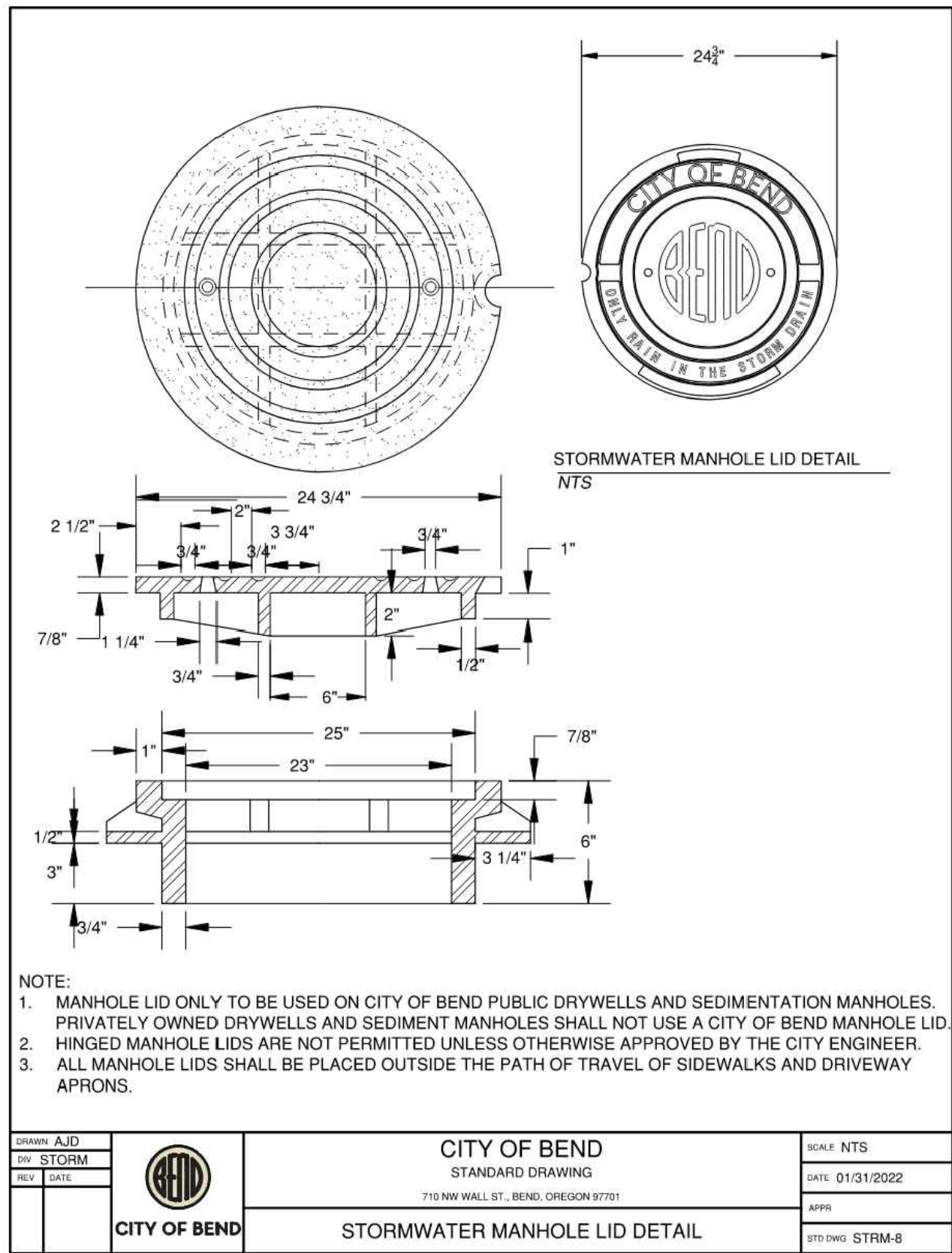
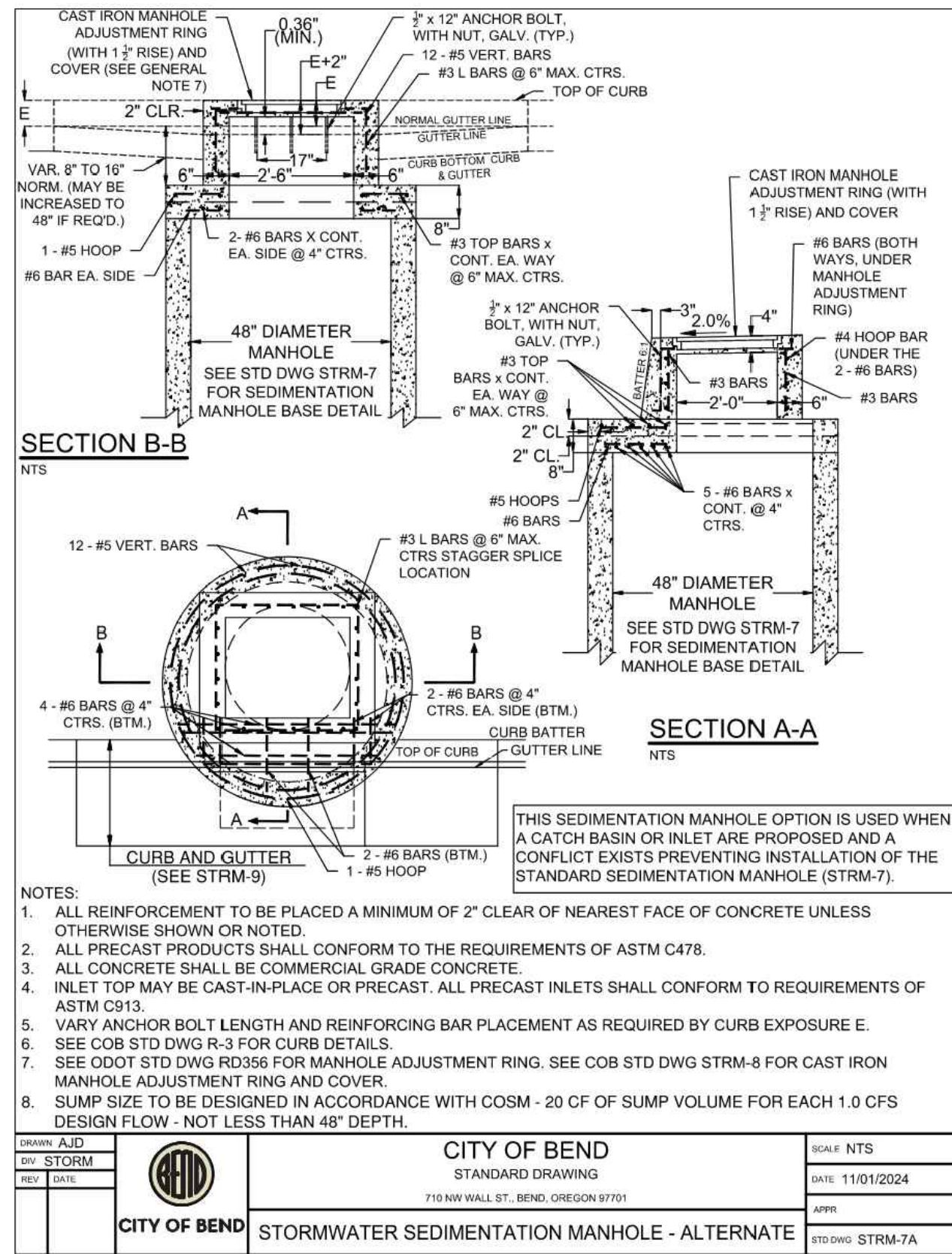
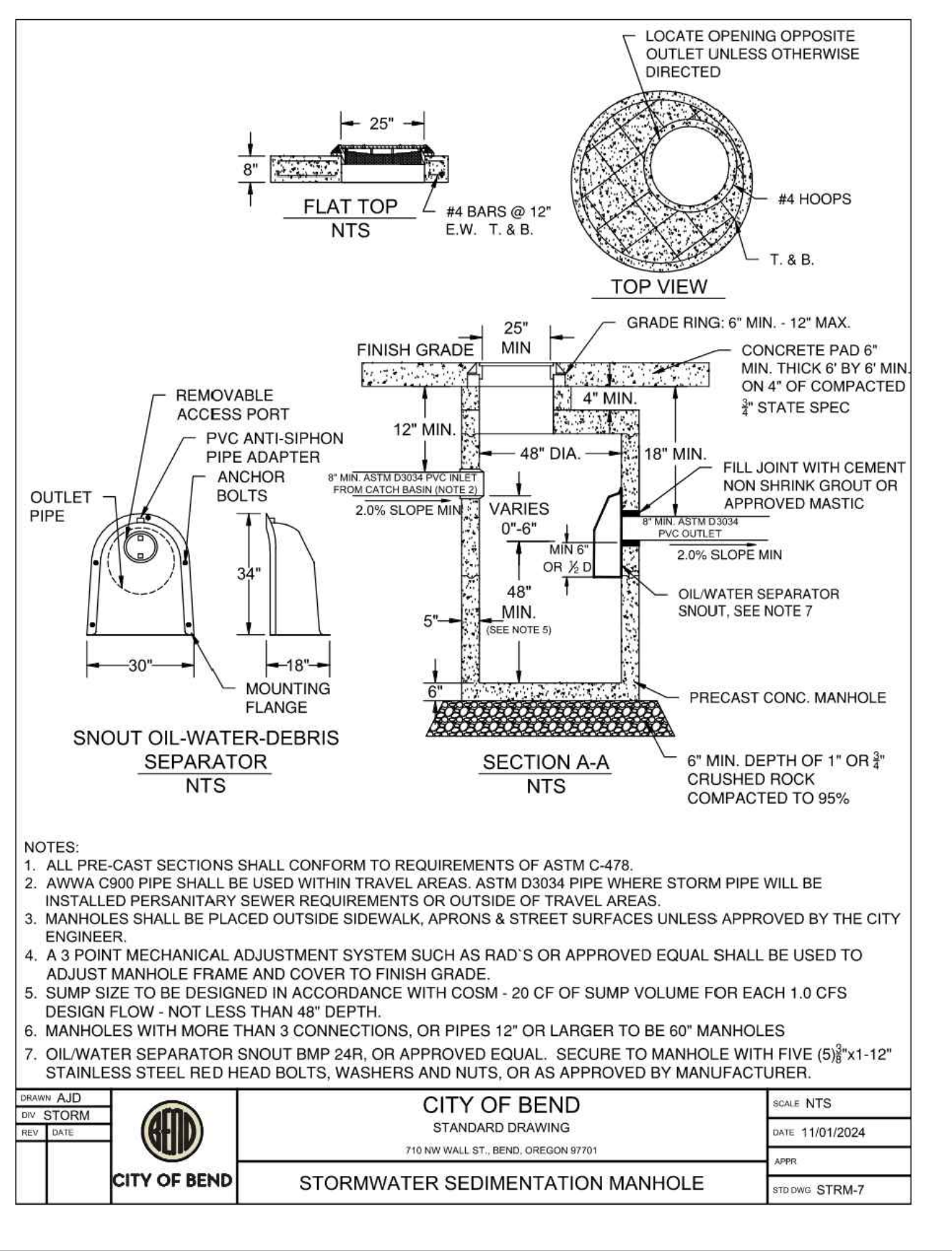
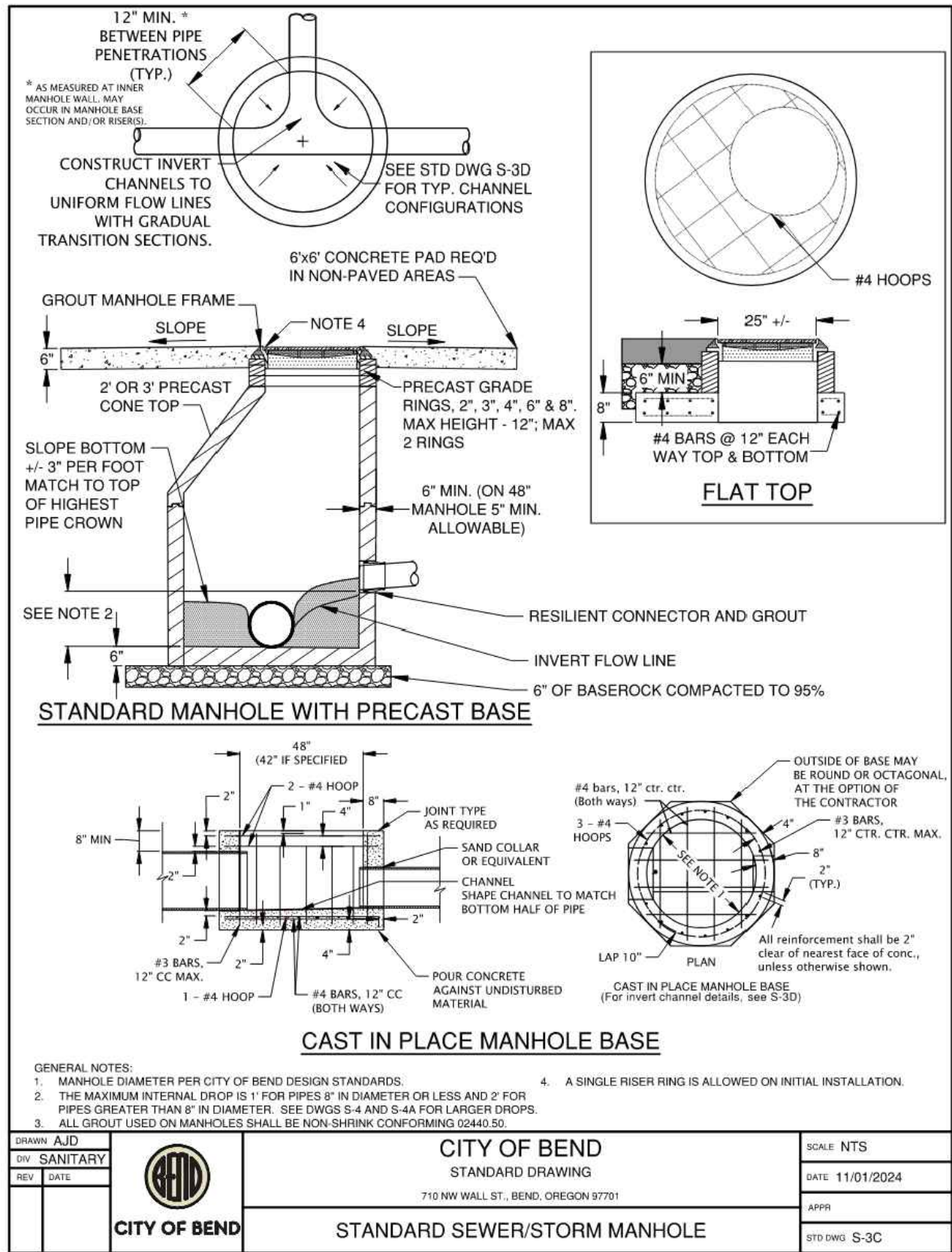
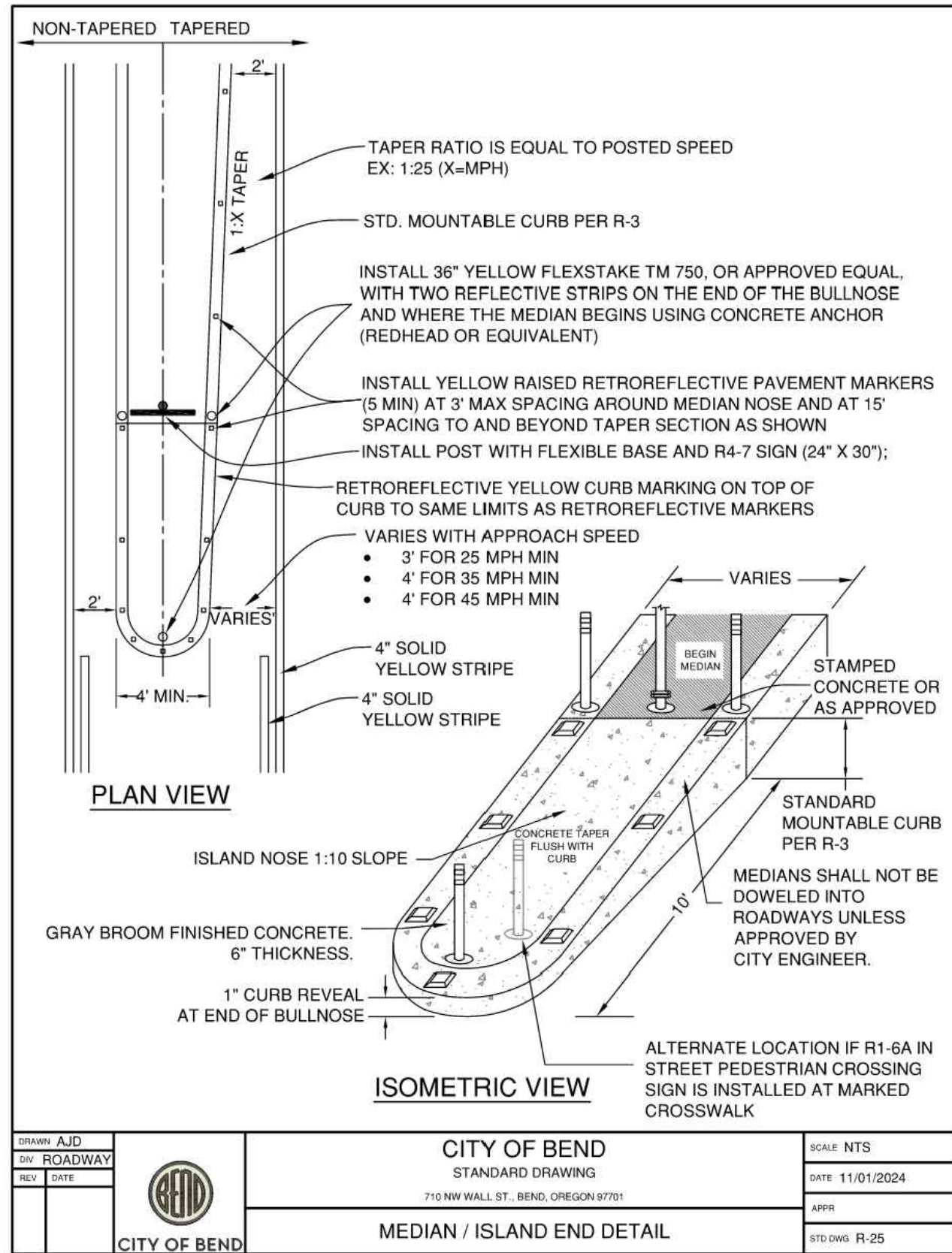
RD3

COB #1GBBA



DESIGNED BY: <u> </u> DRAWN BY: <u>ARO </u> SCALE: <u>N.T.S.</u> FILE: P2-1\BMM-COB-STD-STD-05.dwg	VERIFY SCALES 0" 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING		DATE: <u>06/20/26</u>
	SHEET: RD5		
	COB #1GBBA		
	REVISIONS: 1. _____ 2. _____ 3. _____		





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PHASE 2

CITY OF BEND STANDARD DRAWING
DESCHUTES COUNTY, OREGON

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Suite 220
Bend, OR 97703
Tel: 1 541 640 4700



DESIGNED BY: QJC
DRAWN BY: ARO
SCALE: NTS
FILE: P2-1TBMW-C06-STD - STD-05.dwg

DATE: 06/20/26

VERIFY SCALES
0  1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

RD7

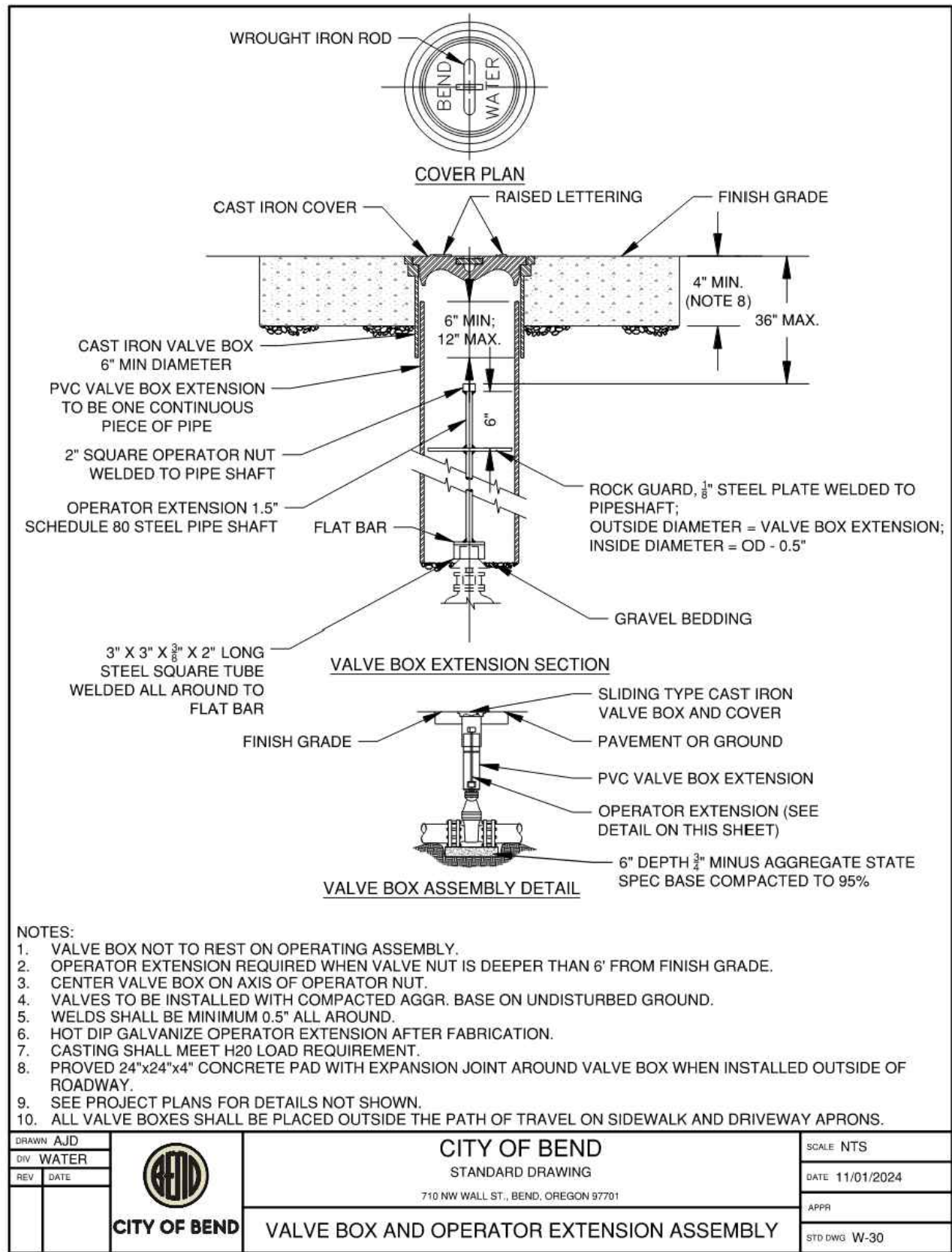
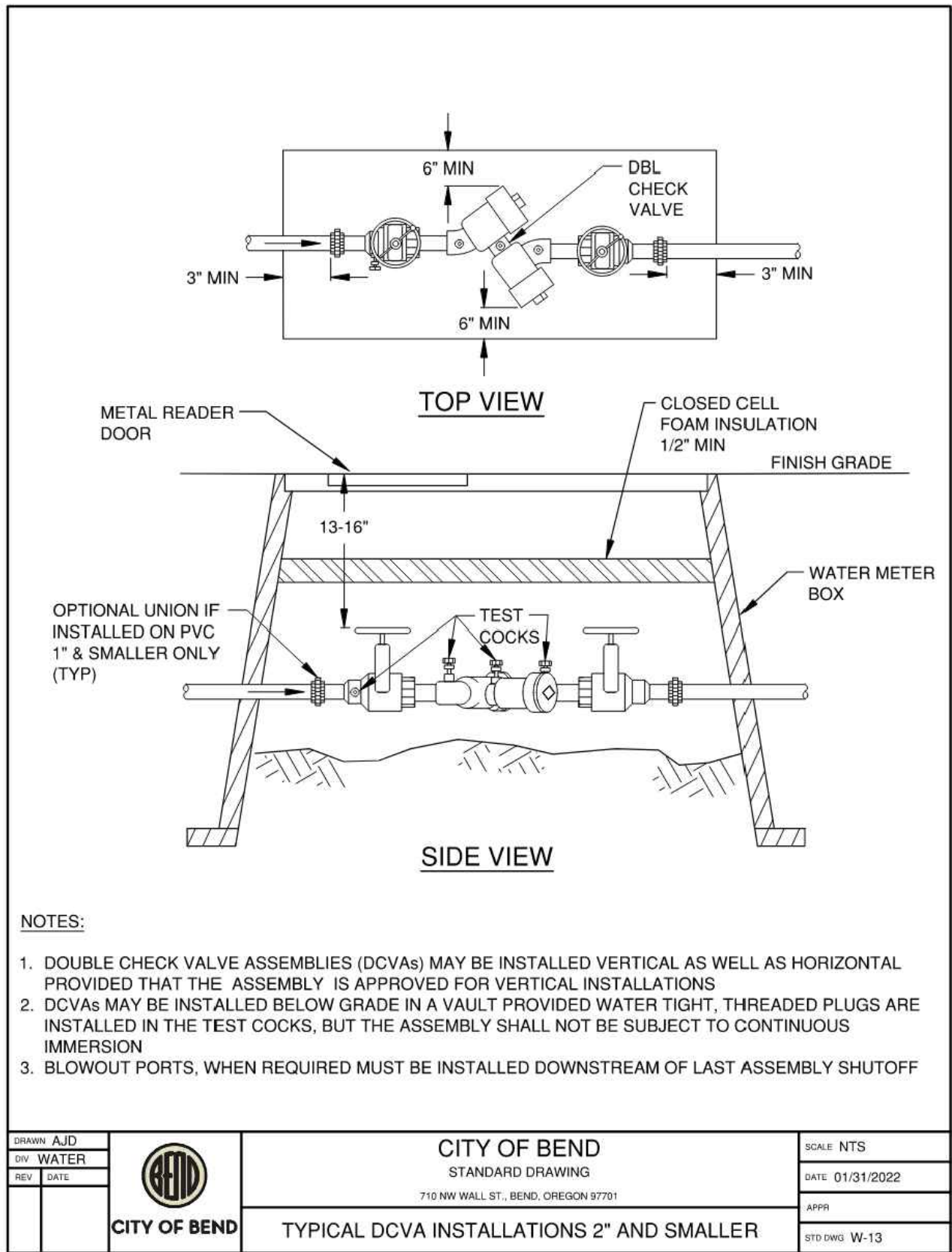
COB # 1GBBA

A

B

C

D



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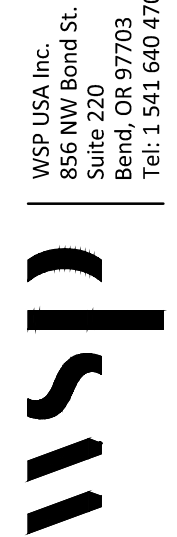
BUTLER MARKET IMPROVEMENTS
PHASE 2
CITY OF BEND STANDARD DETAILS
DESCHUTES COUNTY, OREGON



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DESIGNED BY: EL
DRAWN BY: EL
SCALE: NTS
FILE: P2-1TBMW-C06.STD - STD-05.dwg

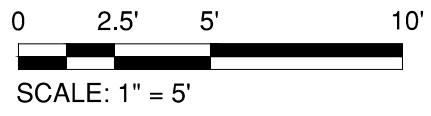
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

RD10

COB #1GBBA



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PHASE 2

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856 NW Bond St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4771



DESIGNED BY: OJC

DESIGNED BY: UJ
DRAWN BY: ARO

SCALE: 1" = 5'

FILE: P2-1TBMW-C25.RAMP-DT1.dwg

DATE: 06/2026

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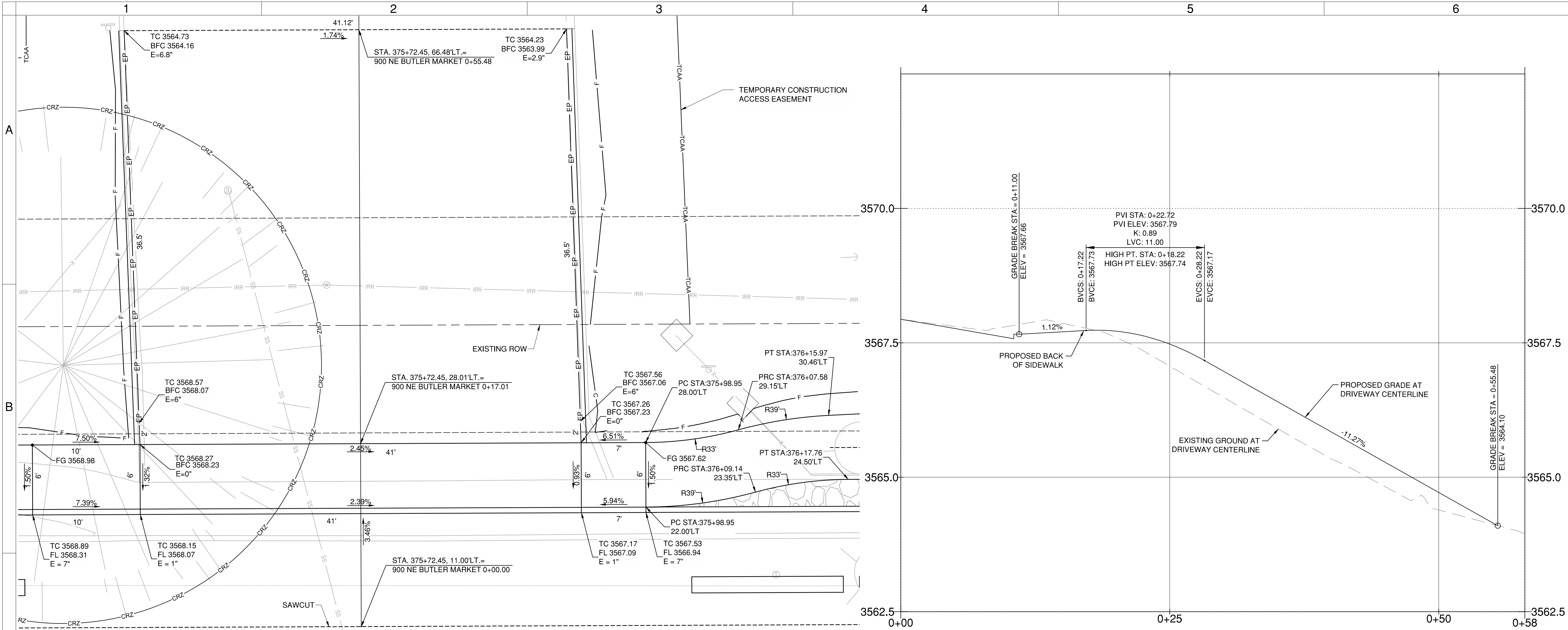
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ON ORIGINAL DRAWING

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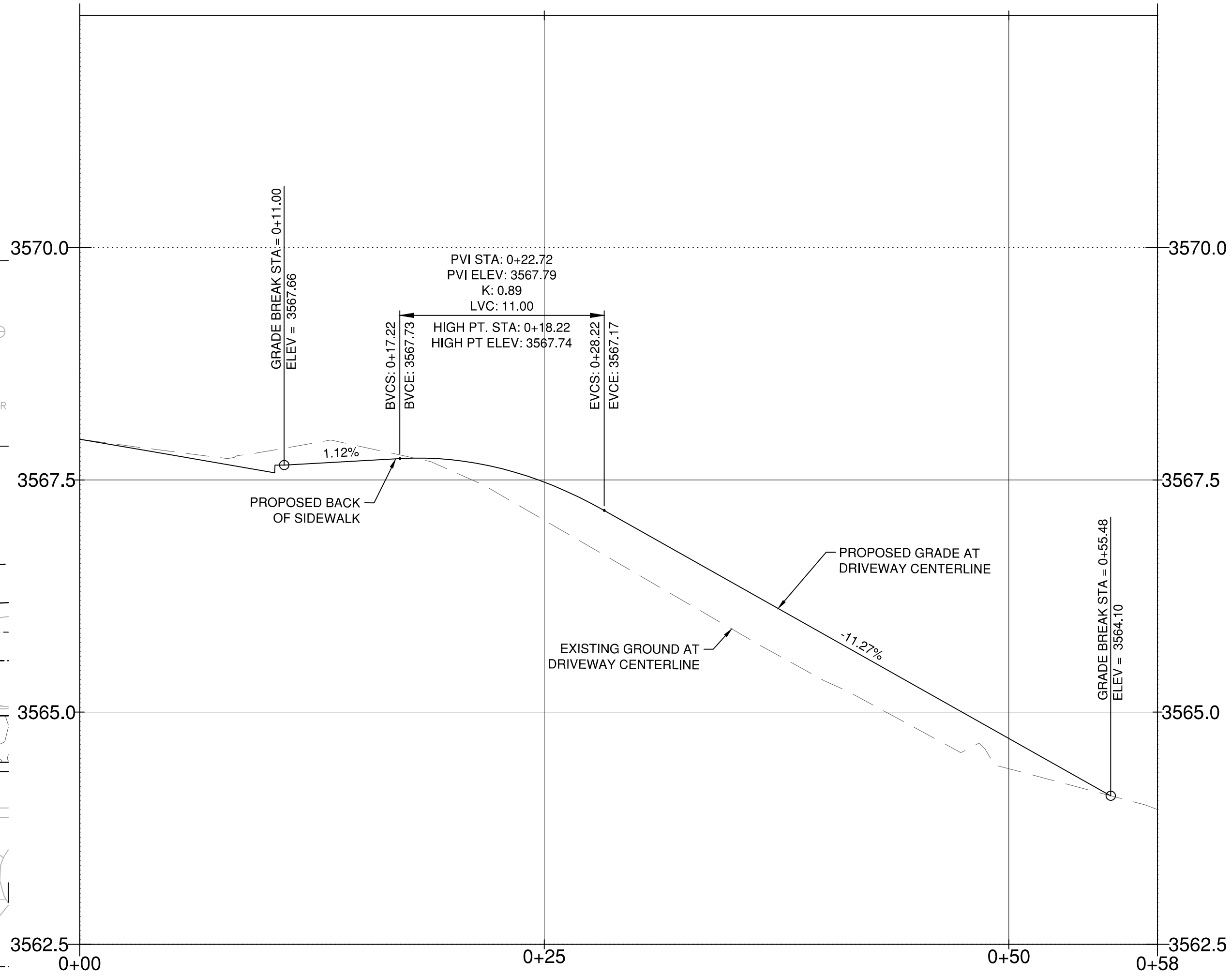
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COB # 1GBBA

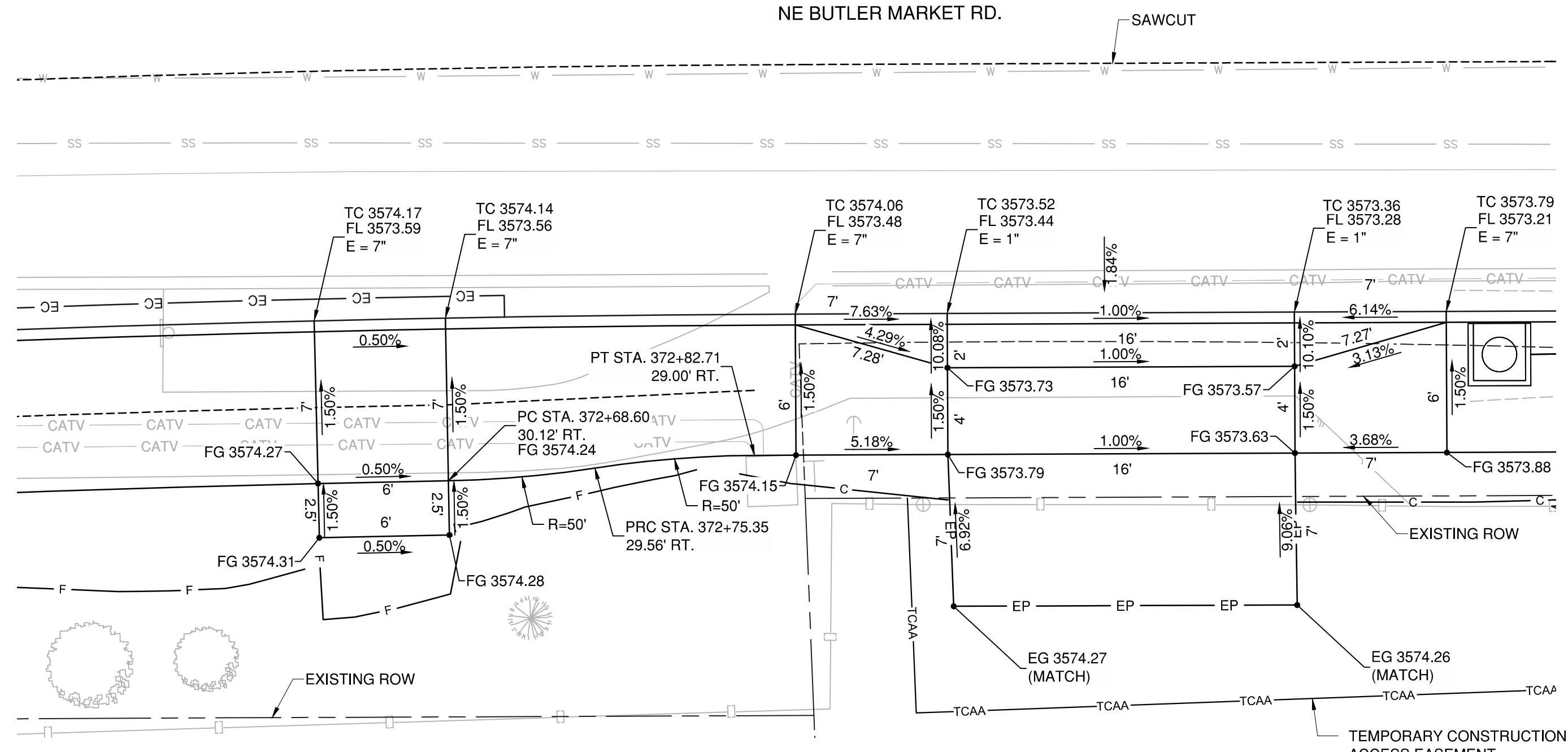
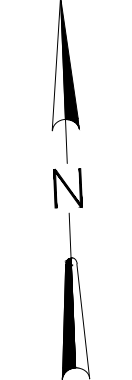
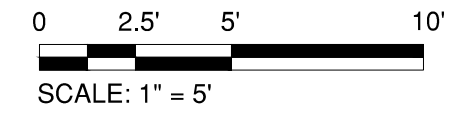
P2-1TBM/C25.RAMP.DT1 Plot Date: 6/19/2026 11:20 AM Saved Date: 6/11/2026 9:01 AM User: Crawford, Oliver



1 375+70 LEFT - DRIVEWAY
RD12 SCALE: 1" = 5'



375+70 LEFT - DRIVEWAY PROFILE
VERT. SCALE = 1" = 1'
HORZ. SCALE = 1" = 5'



2 373+00 RIGHT - DRIVEWAY AND BUS STOP
RD12 SCALE: 1" = 5'

LEGEND

- FL Flow Line
- FG Finish Grade
- EG Existing Ground
- TC Top of Curb
- BFC Bottom Face Curb
- PC Point of Curvature
- PT Point of Tangency
- Detectable Warning Surface (DWS)

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BUTLER MARKET IMPROVEMENTS
PHASE 2
ADA & DRIVEWAY PLAN/DETAIL
DESCHUTES COUNTY, OREGON

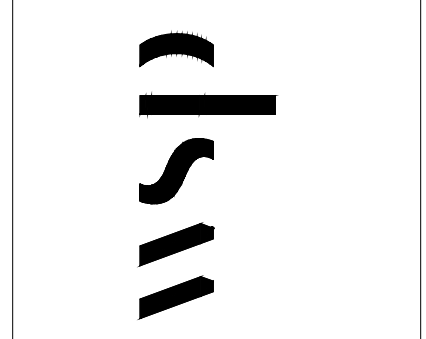


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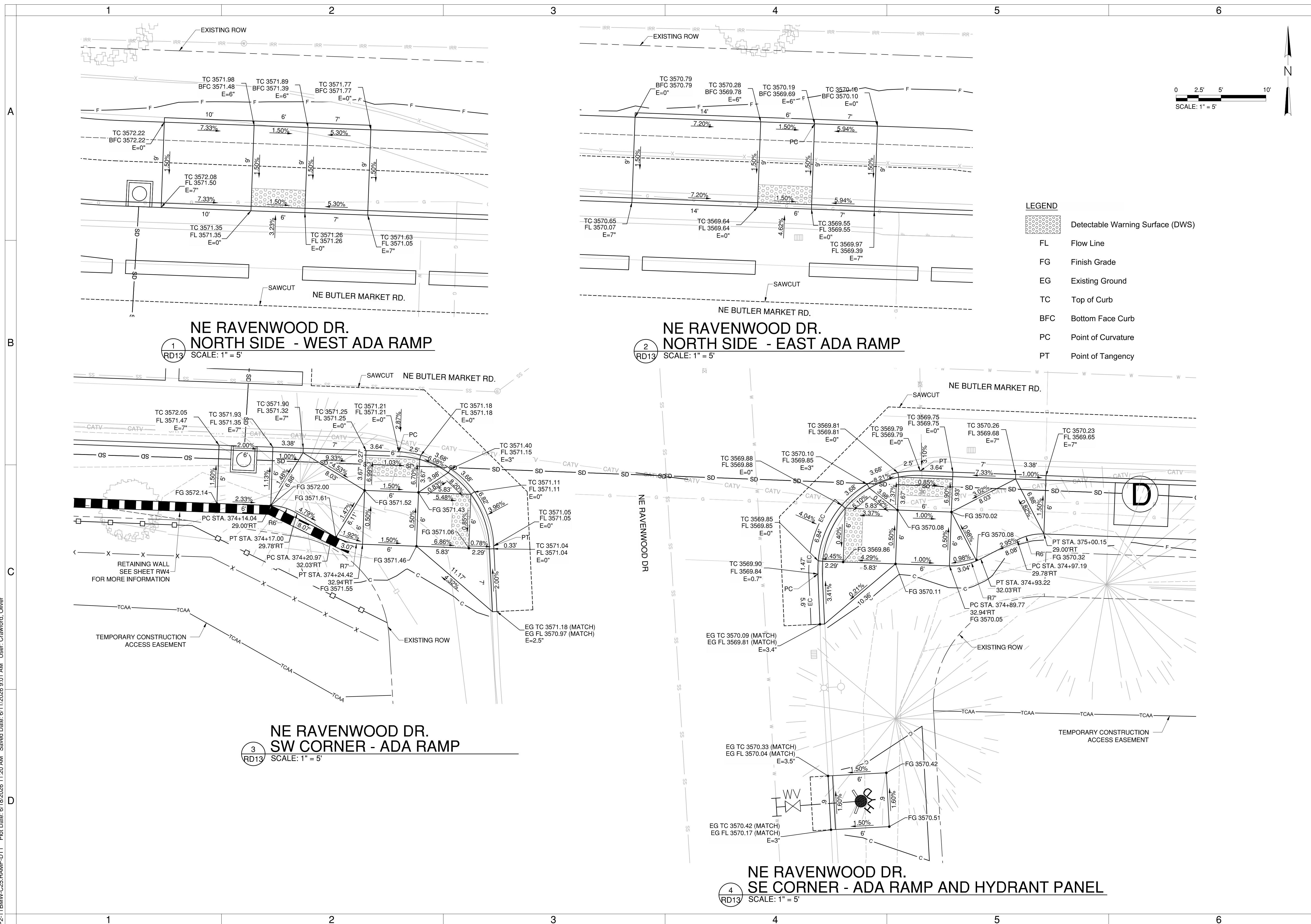


DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 5'
FILE: P2-1TBM/C25.RAMP.DT1.dwg
DATE: 06/2026

VERIFICATION SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
RD12

COB #1GBBA



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PHASE 2
ADA & DRIVEWAY PLAN/DETAIL
DESCHUTES COUNTY, OREGON



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DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 5'
FILE: P2-1TBW-C25.RAMP
DATE: 06/2026

VERIFY SCALES

0  1'

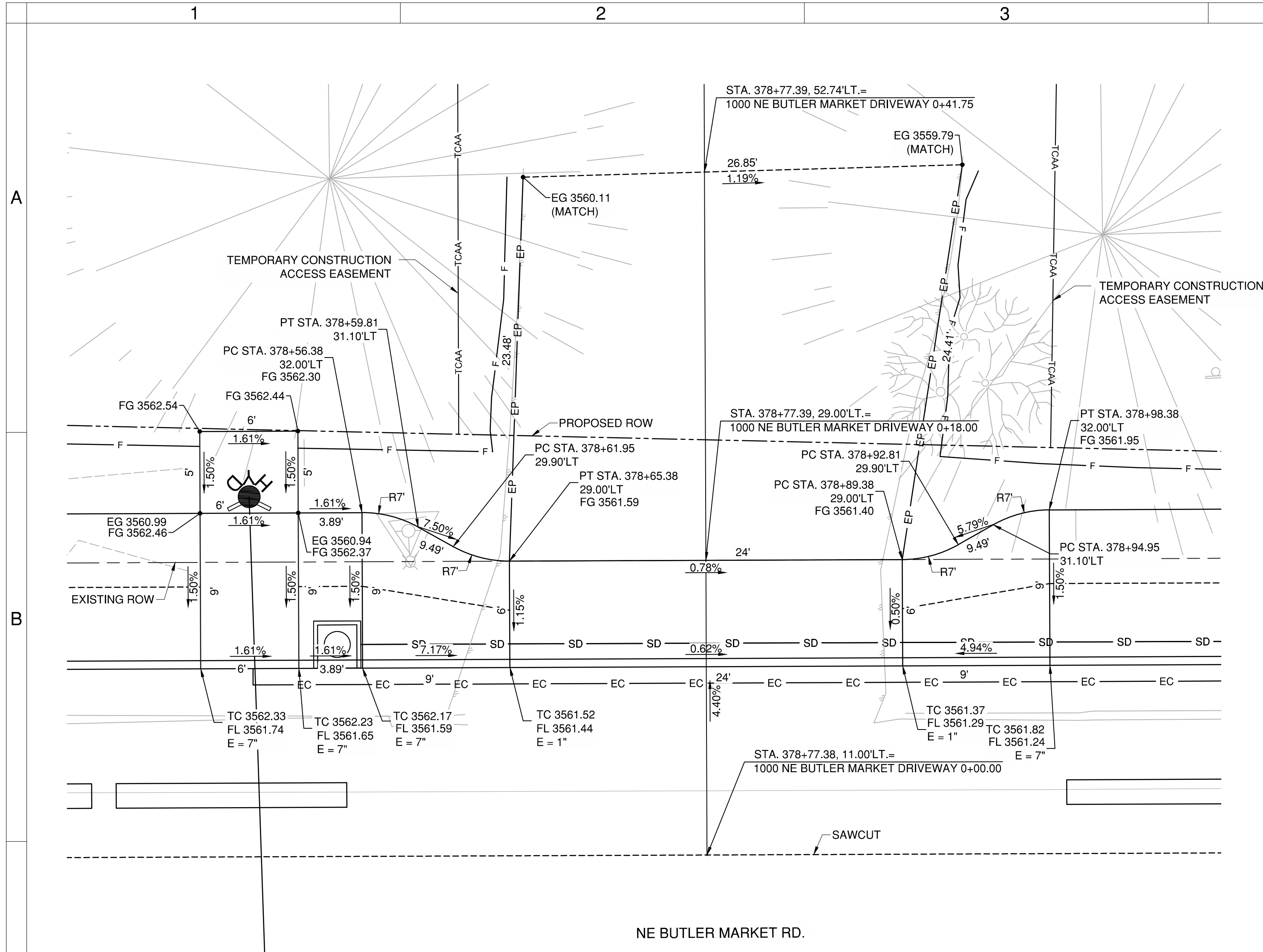
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET

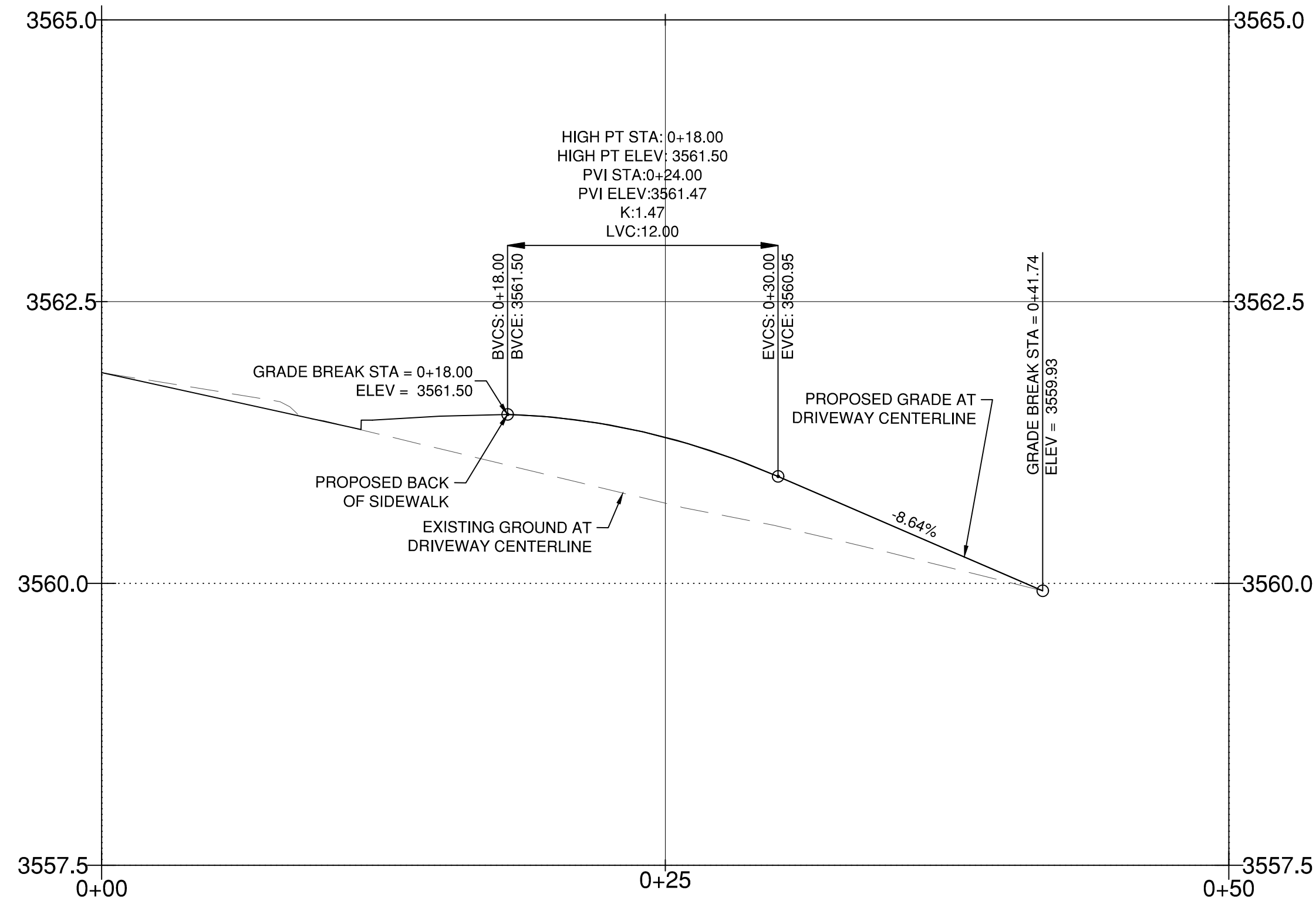
RD13

COB # 1GBBA

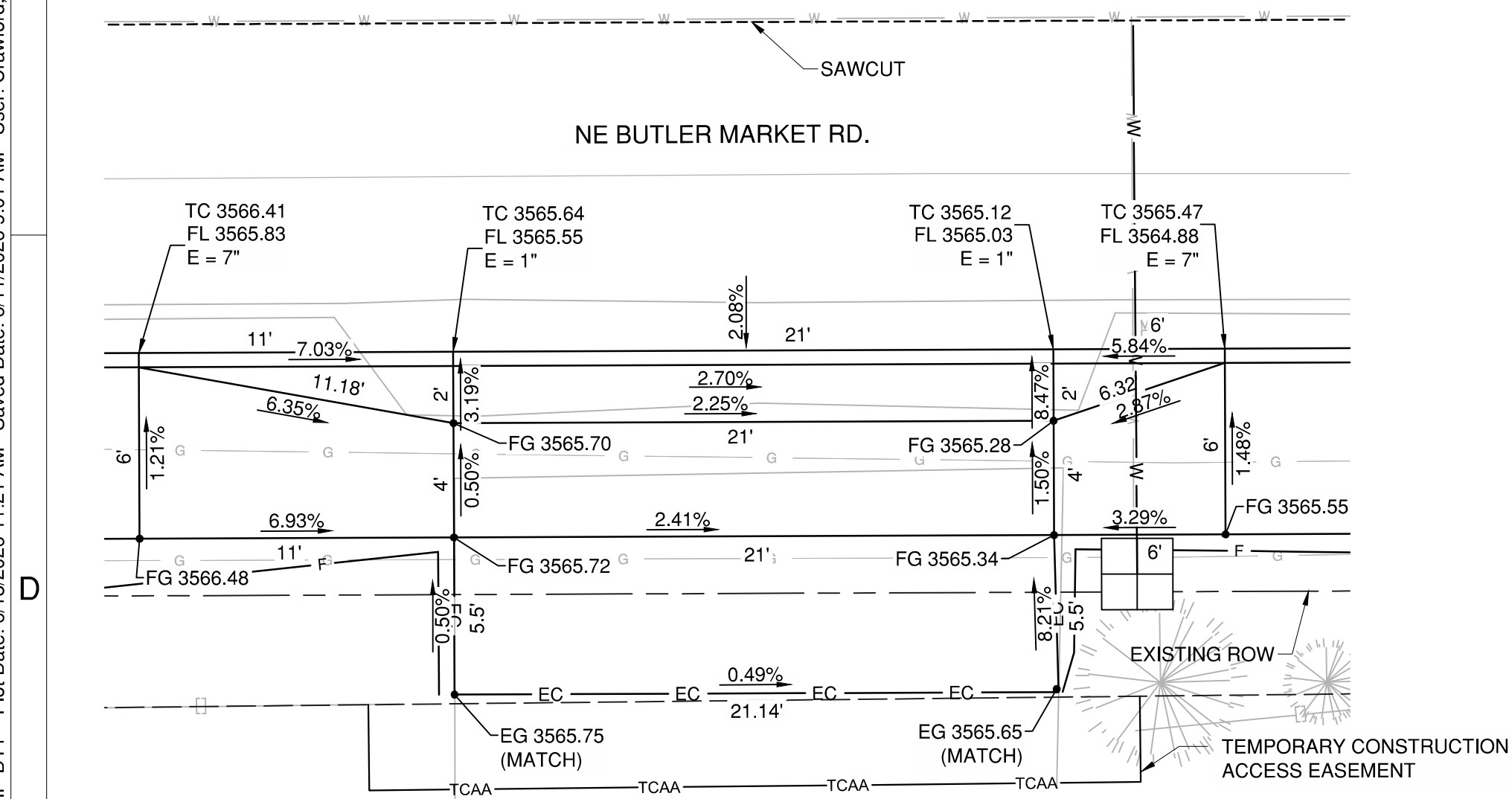
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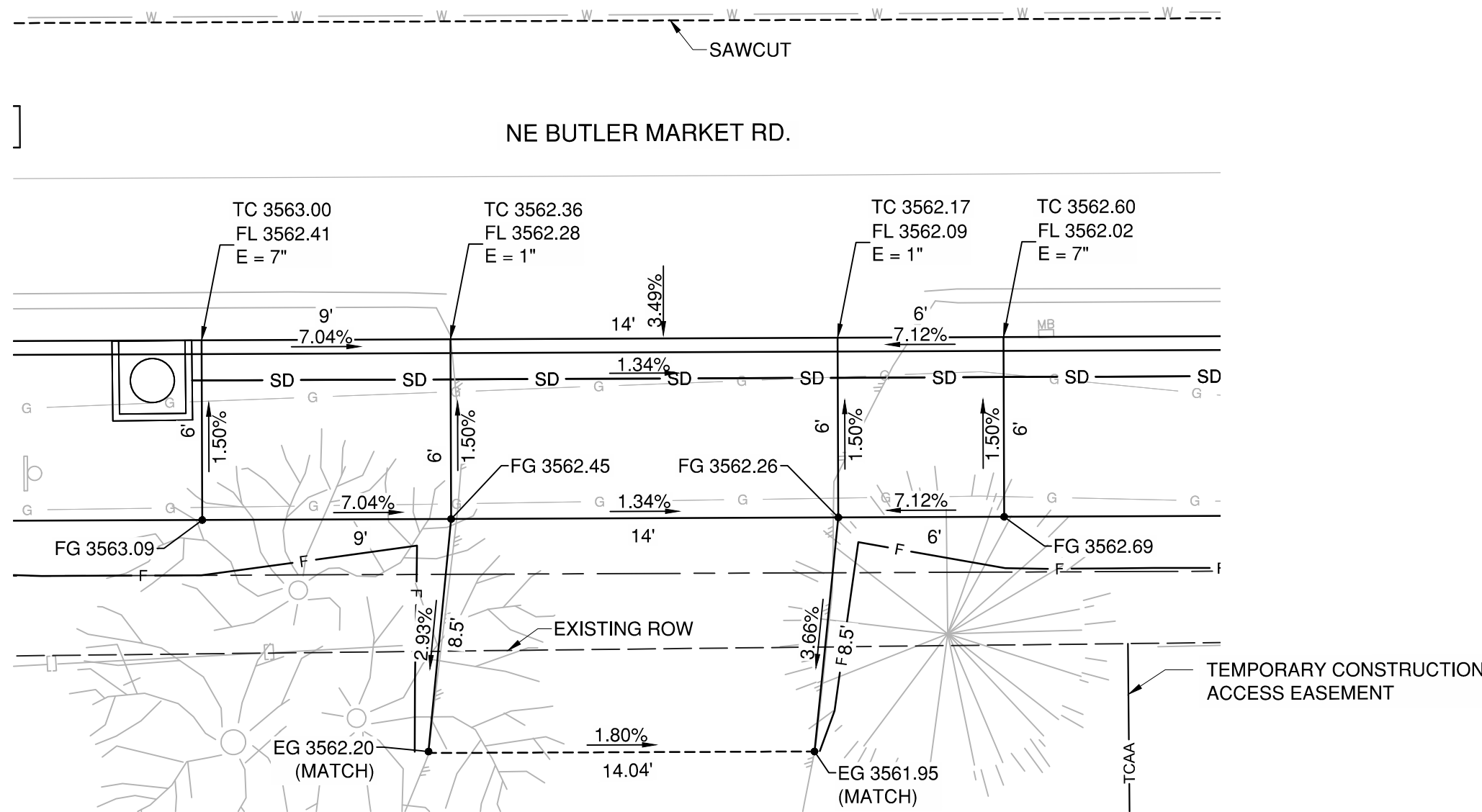
1 378+80 LEFT - HYDRANT PANEL AND DRIVEWAY
RD14 SCALE: 1" = 5'



378+80 LEFT - DRIVEWAY PROFILE
VERT. SCALE = 1" = 1'
HORZ. SCALE = 1" = 5'



2 376+80 RIGHT - DRIVEWAY
RD14 SCALE: 1" = 5'



3 378+20 RIGHT - DRIVEWAY
RD14 SCALE: 1" = 5'

LEGEND

- Detactable Warning Surface (DWS)
- FL Flow Line
- FG Finish Grade
- EG Existing Ground
- TC Top of Curb
- BFC Bottom Face Curb
- PC Point of Curvature
- PT Point of Tangency

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PHASE 2**
ADA & DRIVEWAY PLAN/DETAIL
DESCHUTES COUNTY, OREGON

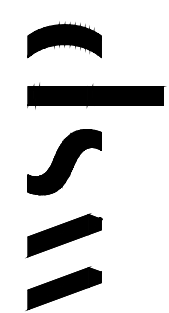


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855 NE Bend St.
Suite 220
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Tel: 1 541 640 4700



DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 5'
FILE: P2-1TBM/C25.RAMP.DT1.dwg

DATE: 06/2026

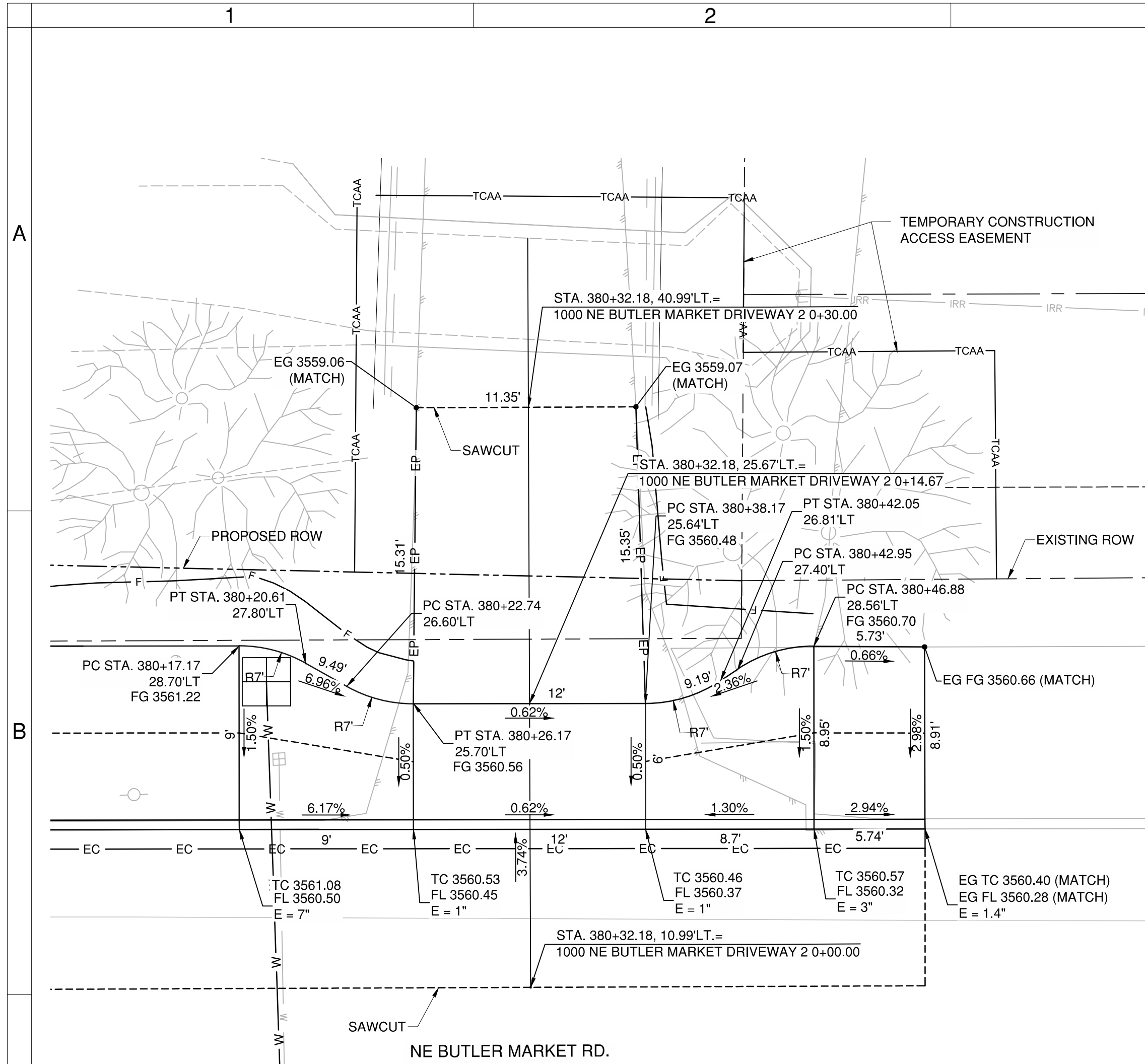
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

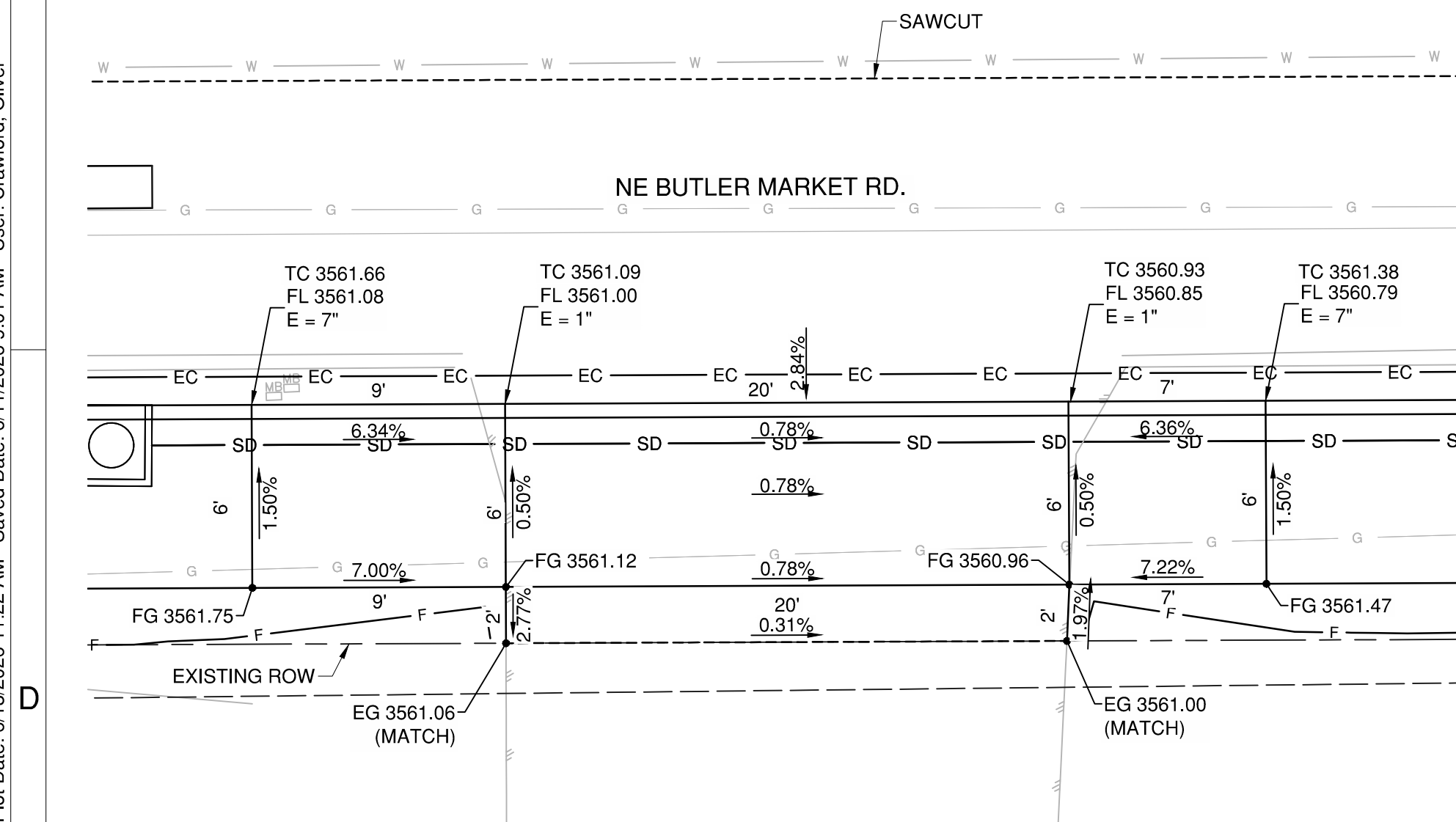
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COB #1GBBA

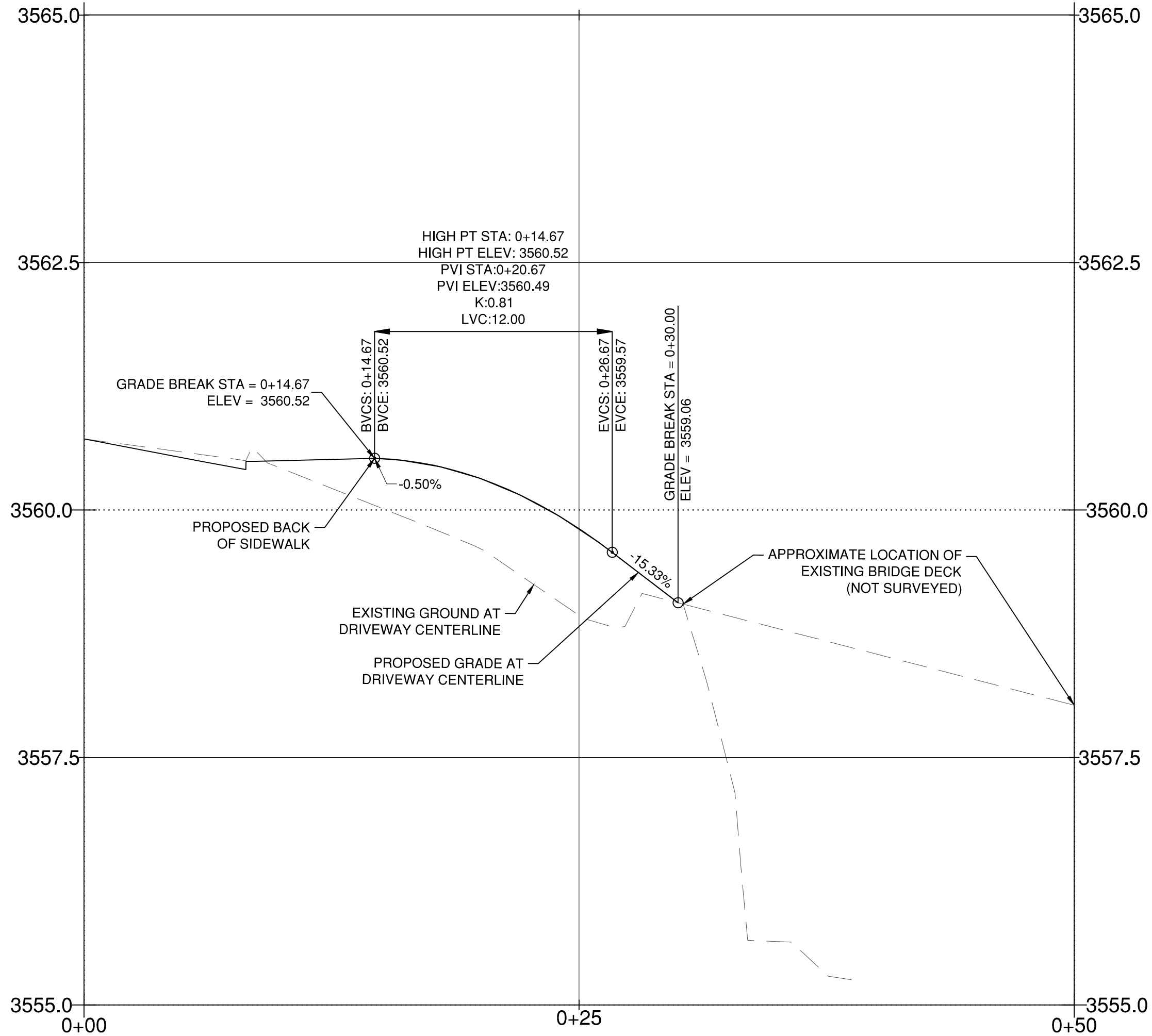
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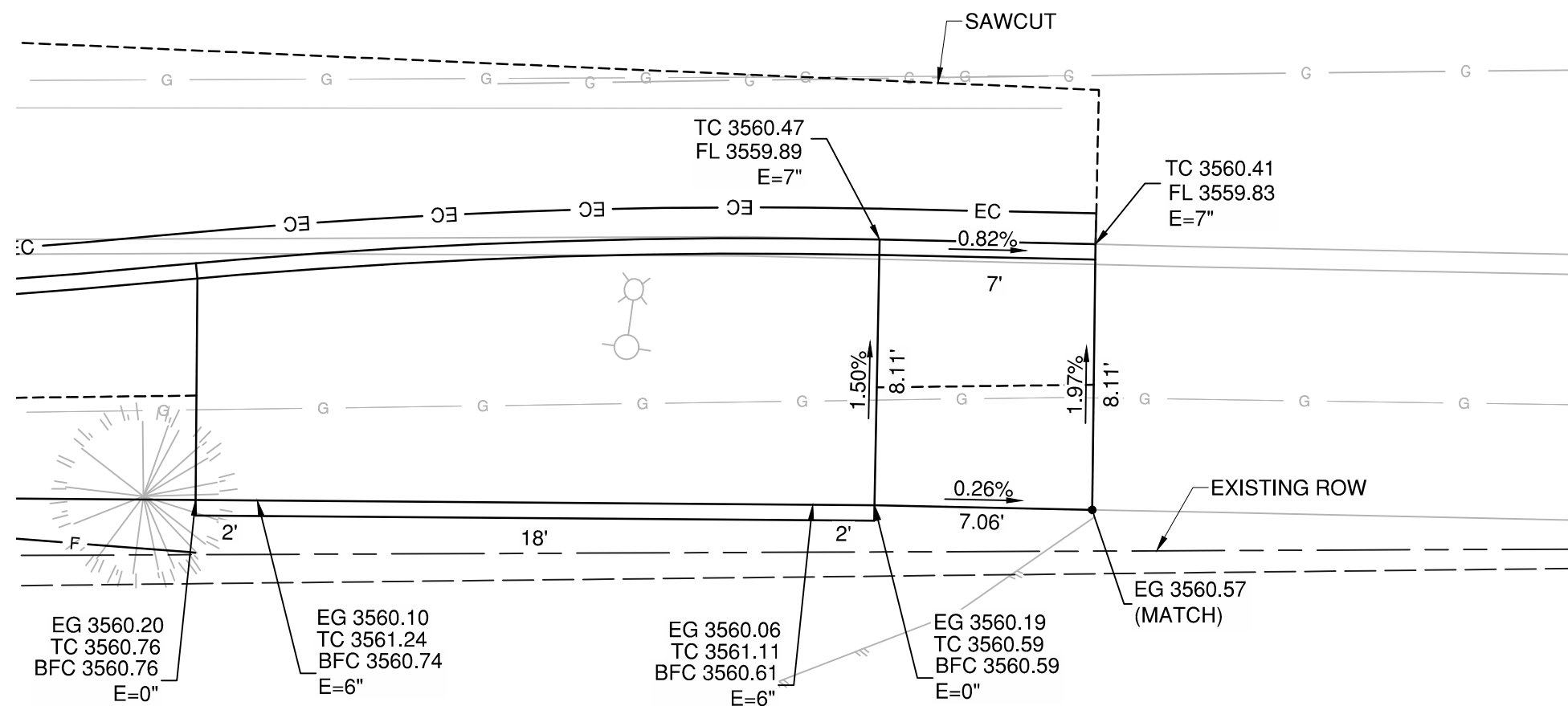
1 380+30 LEFT - DRIVEWAY
RD15 SCALE: 1" = 5'



2 379+60 RIGHT - DRIVEWAY
RD15 SCALE: 1" = 5'



380+30 LEFT - DRIVEWAY PROFILE
VERT. SCALE = 1" = 1'
HORZ. SCALE = 1" = 5'



3 381+00 RIGHT - TIE-IN
RD15 SCALE: 1" = 5'

LEGEND

- FL Flow Line
- FG Finish Grade
- EG Existing Ground
- TC Top of Curb
- BFC Bottom Face Curb
- PC Point of Curvature
- PT Point of Tangency

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PHASE 2
ADA & DRIVEWAY PLAN/DETAIL
DESCHUTES COUNTY, OREGON



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855 NW 22nd St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700



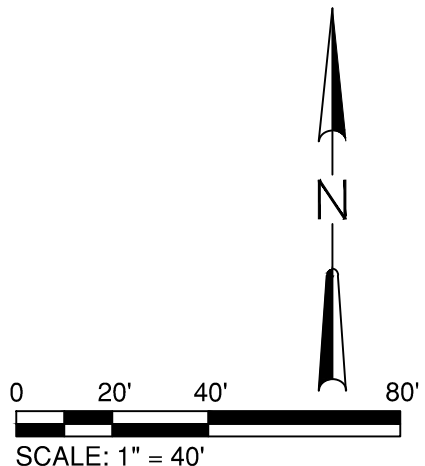
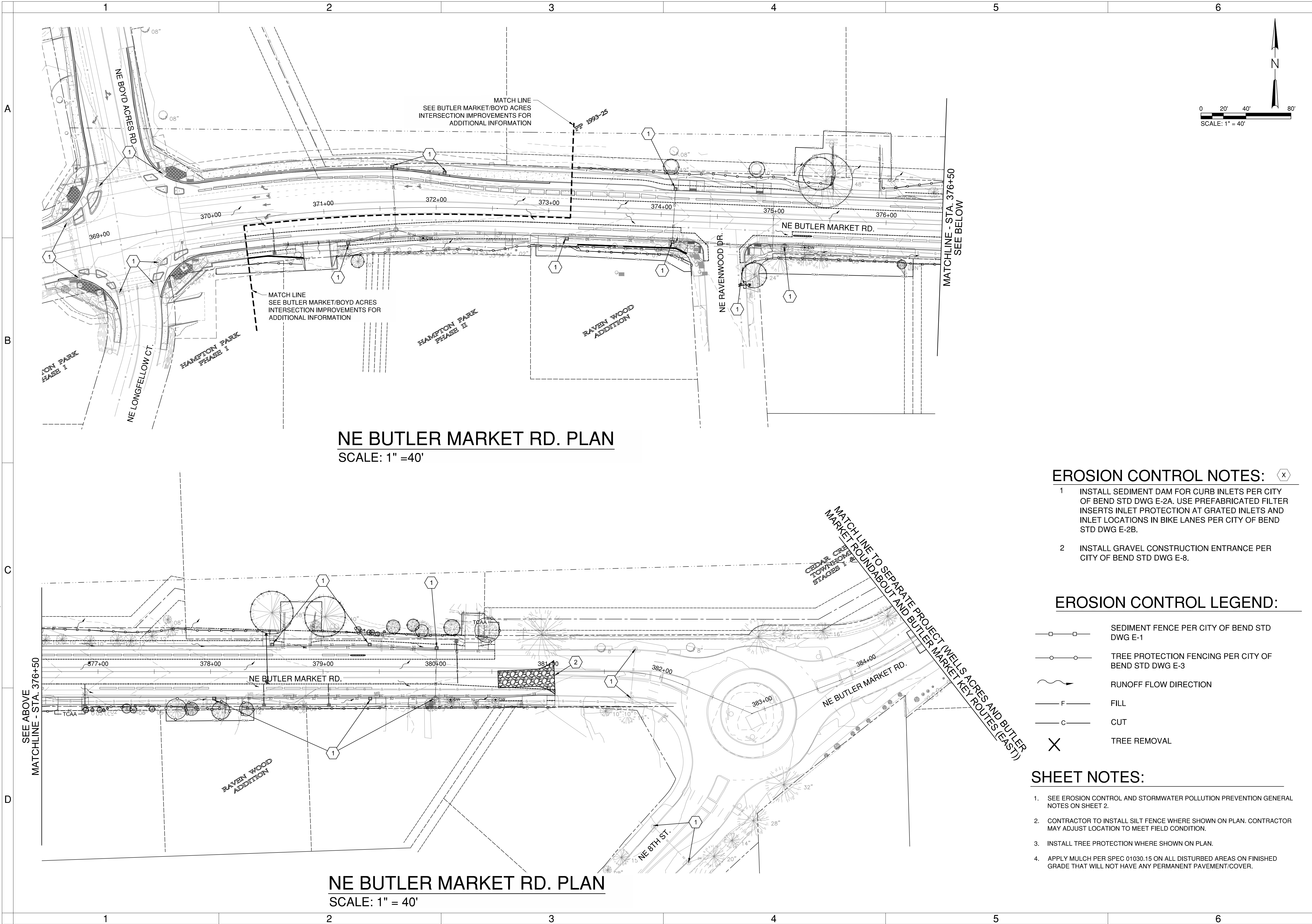
DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 5'
FILE: P2-1TBMV/C25.RAMP.DT1.dwg
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

RD15

COB #1GBBA

P2-1TBMW/C30.EROSION-EC1 Plot Date: 1/25/2024 6:24 AM Saved Date: 6/11/2026 2:09 PM User: Crawford, Oliver



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'

NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'

EROSION CONTROL NOTES: (X)

1. INSTALL SEDIMENT DAM FOR CURB INLETS PER CITY OF BEND STD DWG E-2A. USE PREFABRICATED FILTER INSERTS INLET PROTECTION AT GRATED INLETS AND INLET LOCATIONS IN BIKE LANES PER CITY OF BEND STD DWG E-2B.
2. INSTALL GRAVEL CONSTRUCTION ENTRANCE PER CITY OF BEND STD DWG E-8.

EROSION CONTROL LEGEND:

- SEDIMENT FENCE PER CITY OF BEND STD DWG E-1
- TREE PROTECTION FENCING PER CITY OF BEND STD DWG E-3
- ~ RUNOFF FLOW DIRECTION
- F — FILL
- C — CUT
- X TREE REMOVAL

SHEET NOTES:

1. SEE EROSION CONTROL AND STORMWATER POLLUTION PREVENTION GENERAL NOTES ON SHEET 2.
2. CONTRACTOR TO INSTALL SILT FENCE WHERE SHOWN ON PLAN. CONTRACTOR MAY ADJUST LOCATION TO MEET FIELD CONDITION.
3. INSTALL TREE PROTECTION WHERE SHOWN ON PLAN.
4. APPLY MULCH PER SPEC 01030.15 ON ALL DISTURBED AREAS ON FINISHED GRADE THAT WILL NOT HAVE ANY PERMANENT PAVEMENT/COVER.

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**BUTLER MARKET IMPROVEMENTS
PHASE 2**
EROSION CONTROL
DESCHUTES COUNTY, OREGON

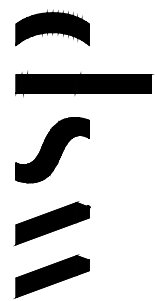


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DESIGNED BY: OJC

DRAWN BY: ARO

SCALE: 1" = 40'

FILE P2-1TBMW/C30.EROSION-EC1.dwg

DATE: 06/2026

VERIFY SCALES

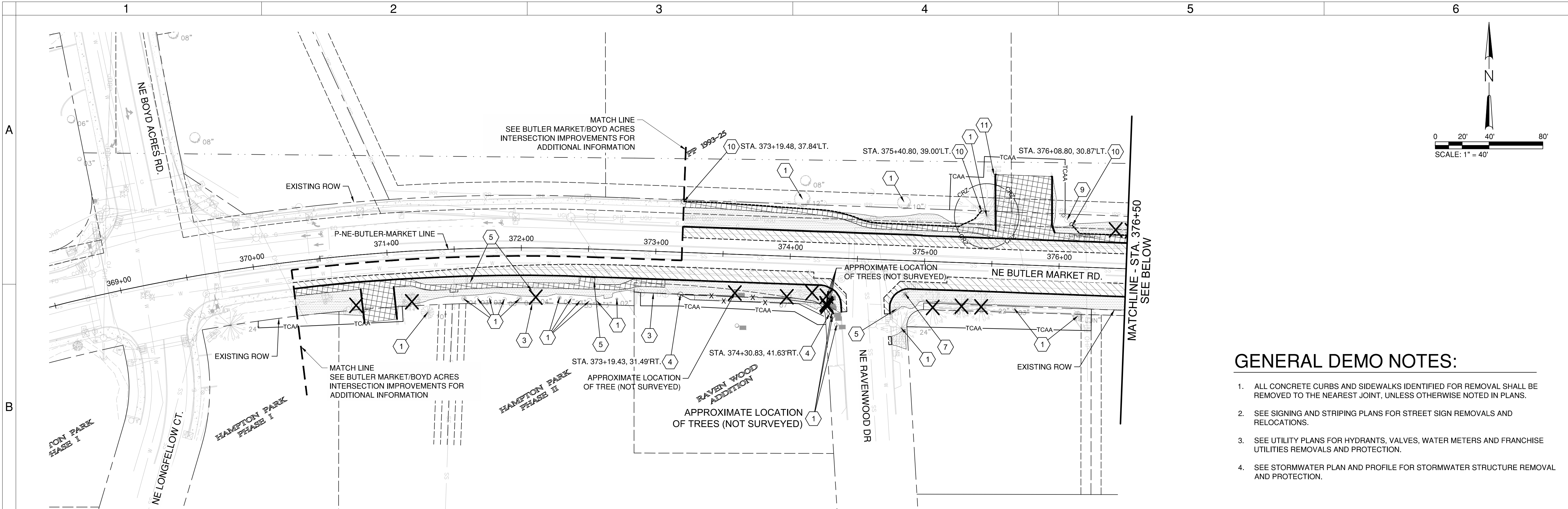
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

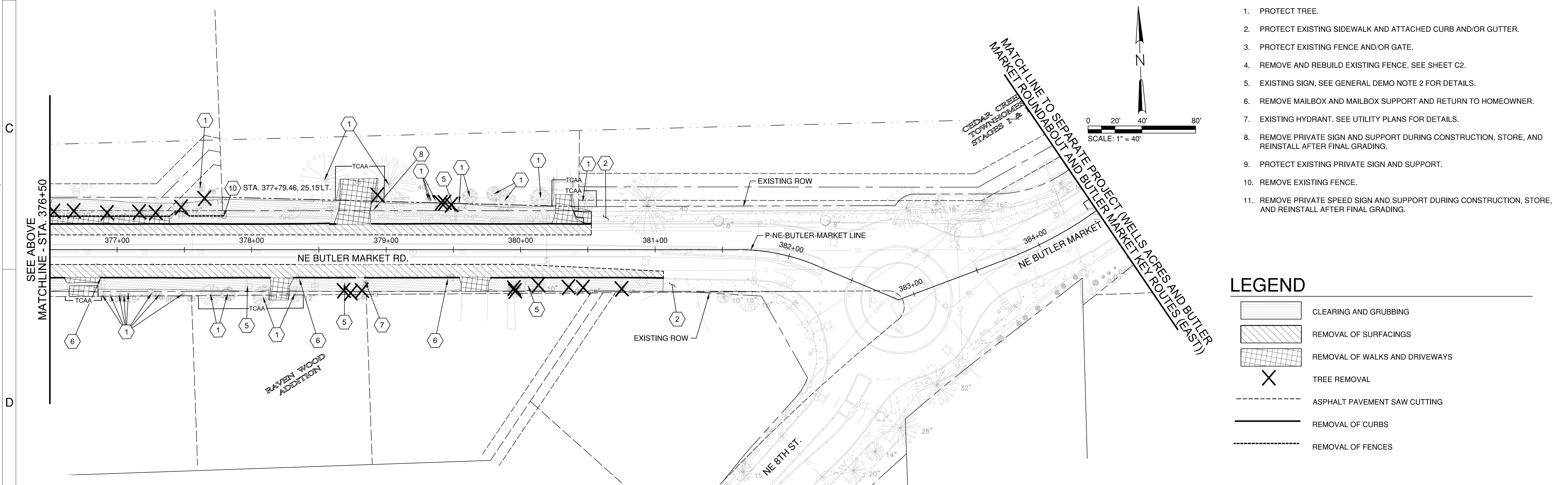
EC1

COB #1GBBA

P2-1TBMW/C32.DEMO.D1 Plt Date: 1/25/2024 6:24 AM Saved Date: 6/17/2026 10:16 AM User: Crawford, Oliver



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'

GENERAL DEMO NOTES:

1. ALL CONCRETE CURBS AND SIDEWALKS IDENTIFIED FOR REMOVAL SHALL BE REMOVED TO THE NEAREST JOINT, UNLESS OTHERWISE NOTED IN PLANS.
2. SEE SIGNING AND STRIPING PLANS FOR STREET SIGN REMOVALS AND RELOCATIONS.
3. SEE UTILITY PLANS FOR HYDRANTS, VALVES, WATER METERS AND FRANCHISE UTILITIES REMOVALS AND PROTECTION.
4. SEE STORMWATER PLAN AND PROFILE FOR STORMWATER STRUCTURE REMOVAL AND PROTECTION.

DEMOLITION NOTES (X)

1. PROTECT TREE.
2. PROTECT EXISTING SIDEWALK AND ATTACHED CURB AND/OR GUTTER.
3. PROTECT EXISTING FENCE AND/OR GATE.
4. REMOVE AND REBUILD EXISTING FENCE, SEE SHEET C2.
5. EXISTING SIGN, SEE GENERAL DEMO NOTE 2 FOR DETAILS.
6. REMOVE MAILBOX AND MAILBOX SUPPORT AND RETURN TO HOMEOWNER.
7. EXISTING HYDRANT. SEE UTILITY PLANS FOR DETAILS.
8. REMOVE PRIVATE SIGN AND SUPPORT DURING CONSTRUCTION, STORE, AND REINSTALL AFTER FINAL GRADING.
9. PROTECT EXISTING PRIVATE SIGN AND SUPPORT.
10. REMOVE EXISTING FENCE.
11. REMOVE PRIVATE SPEED SIGN AND SUPPORT DURING CONSTRUCTION, STORE, AND REINSTALL AFTER FINAL GRADING.

LEGEND

- | | |
|--|--------------------------------|
| | CLEARING AND GRUBBING |
| | REMOVAL OF SURFACINGS |
| | REMOVAL OF WALKS AND DRIVEWAYS |
| | TREE REMOVAL |
| | ASPHALT PAVEMENT SAW CUTTING |
| | REMOVAL OF CURBS |
| | REMOVAL OF FENCES |

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PHASE 2
DEMOLITION PLAN
DESCHUTES COUNTY, OREGON



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Tel: 1.541.640.4700

WSP

DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 40'
FILE P2-1TBMW/C32.DEMO.D1.dwg

DATE: 06/2026

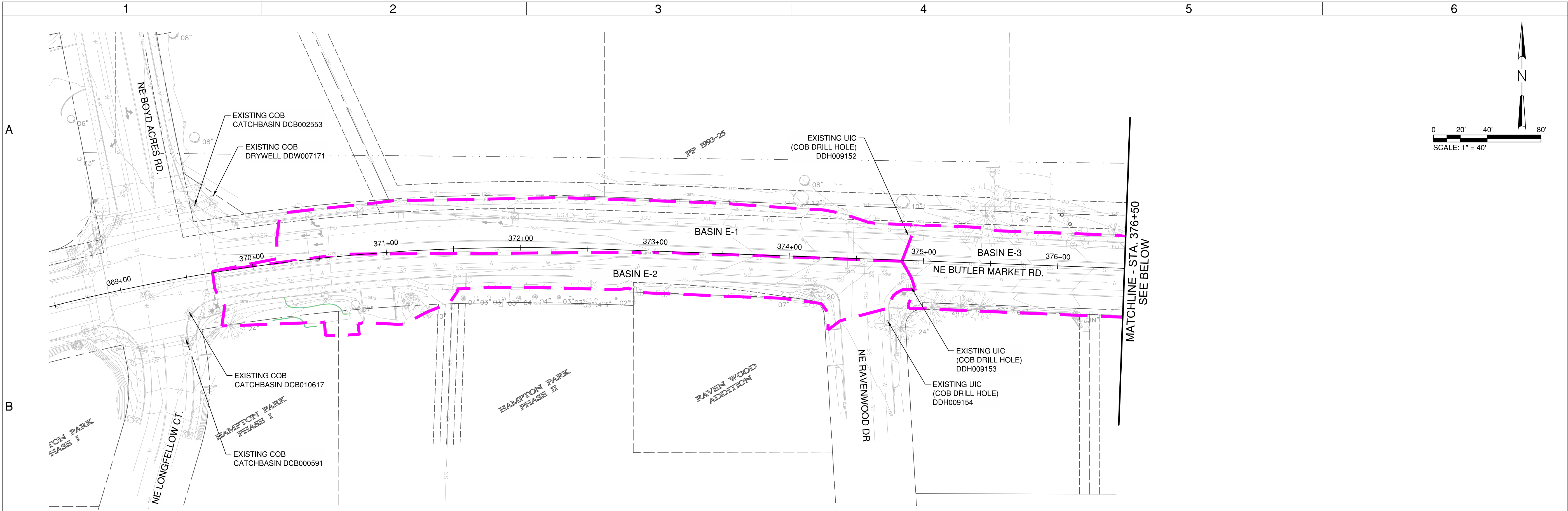
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

D1

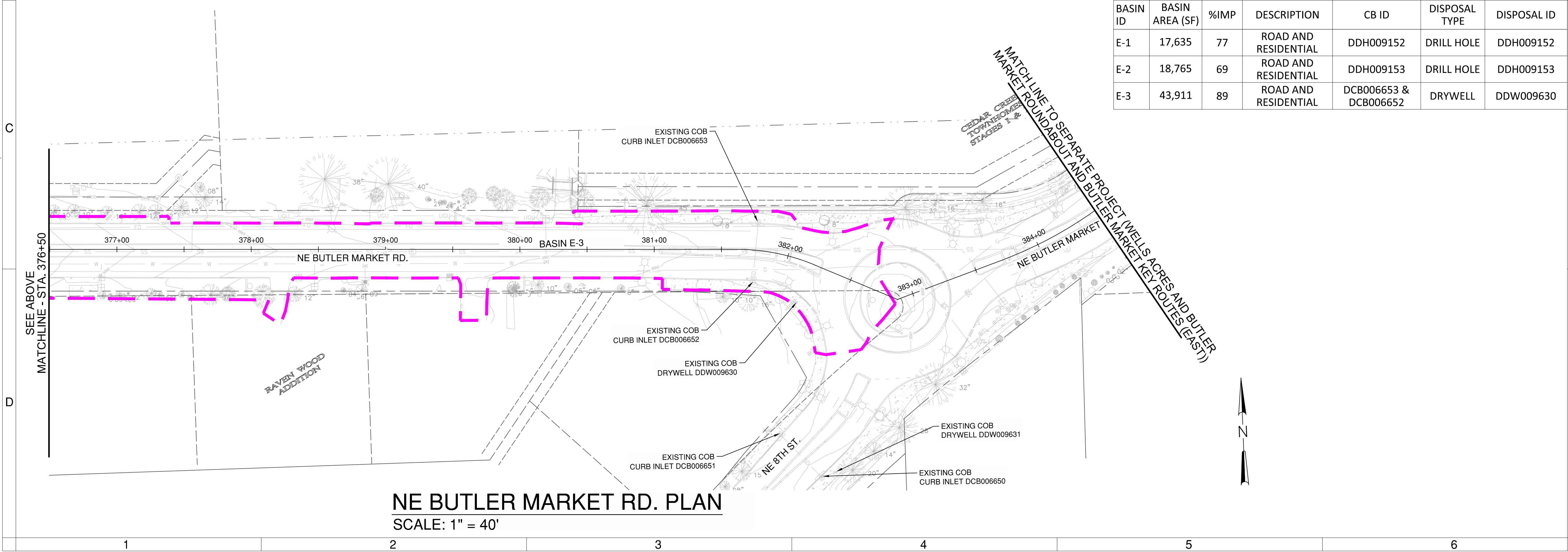
COB #1GBBA

P2:1TBMW/C45-X-STBASINS - ED1 Plot Date: 1/25/2024 6:24 AM Saved Date: 4/27/2026 1:40 PM User: Crawford, Oliver



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'

BASIN ID	BASIN AREA (SF)	%IMP	DESCRIPTION	CB ID	DISPOSAL TYPE	DISPOSAL ID
E-1	17,635	77	ROAD AND RESIDENTIAL	DDH009152	DRILL HOLE	DDH009152
E-2	18,765	69	ROAD AND RESIDENTIAL	DDH009153	DRILL HOLE	DDH009153
E-3	43,911	89	ROAD AND RESIDENTIAL	DCB006653 & DCB006652	DRYWELL	DDW009630



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 40'

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PHASE 2
EXISTING DRAINAGE
DESCHUTES COUNTY, OREGON



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855 NW Basin St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

DESIGNED BY: YH
DRAWN BY: ARO
SCALE: 1" = 40'
FILE P2:1TBMW/C45-X-STBASINS - ED1.dwg

DATE: 06/2026

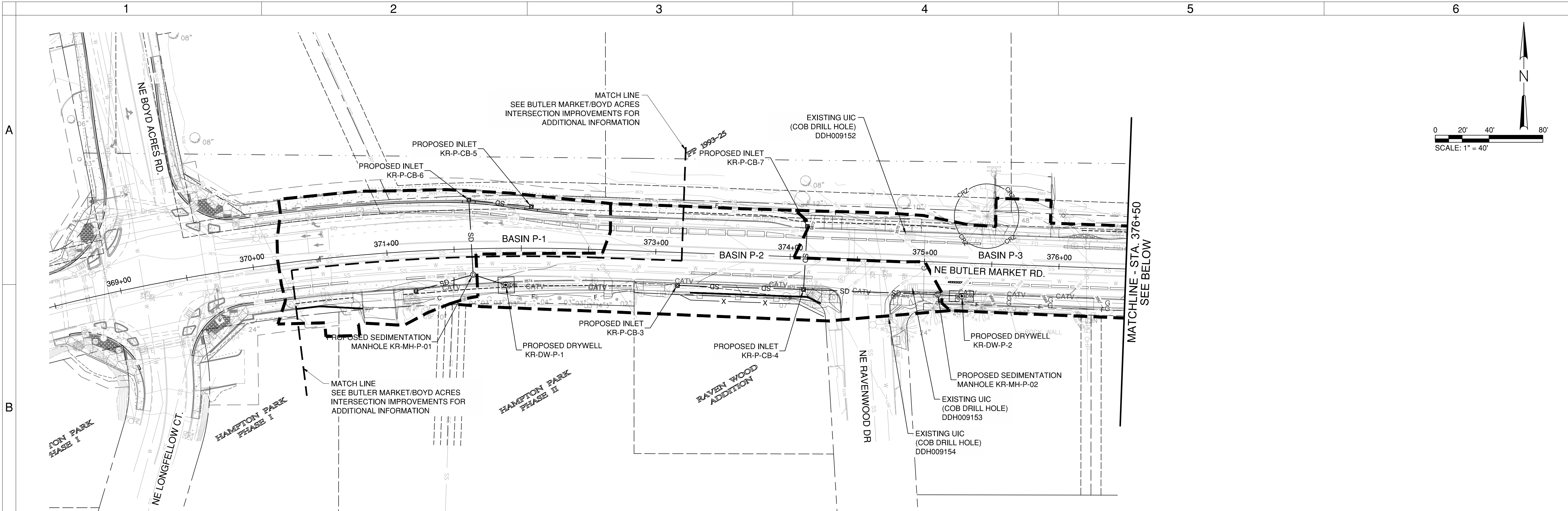
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

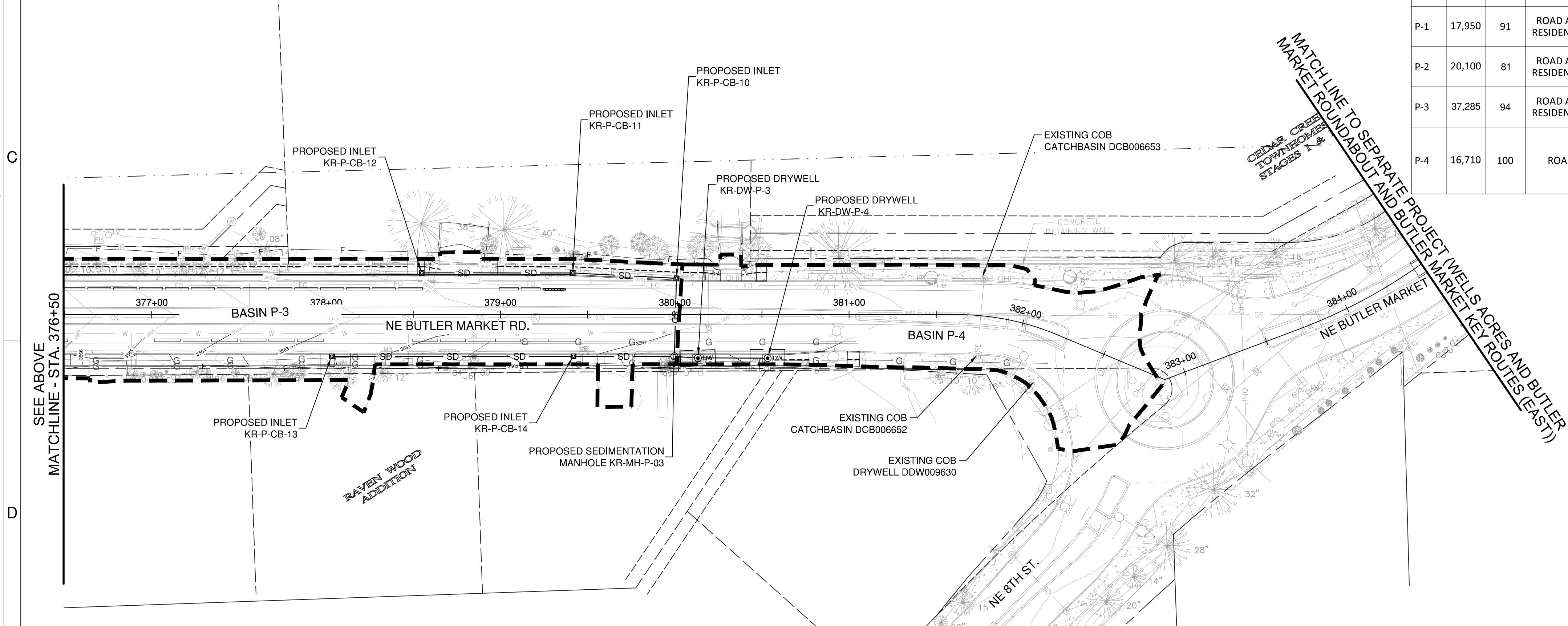
ED1

COB #1GBBA

P2:1TBMW/C47.P-STBASINS - PD1 Plot Date: 1/25/2024 6:24 AM Saved Date: 4/27/2026 1:42 PM User: Crawford, Oliver



PROPOSED DRAINAGE PLAN
SCALE: 1" = 40'



PROPOSED DRAINAGE PLAN
SCALE: 1" = 40'

BASIN ID	BASIN AREA (SF)	%IMP	DESCRIPTION	CHANGE IN AREA (SF)	25-YEAR (CFS)	25-YEAR STORM TEST VOLUME (GAL)	CB ID	DISPOSAL TYPE	DISPOSAL ID	INFILTRATION REQUIREMENT (GAL)
P-1	17,950	91	ROAD AND RESIDENTIAL	0	0.61	23,200	KR-P-CB-5 & KR-P-CB-6	DRY WELL	KR-DW-P-1	23,500
P-2	20,100	81	ROAD AND RESIDENTIAL	0	0.61	23,200	KR-P-CB-3, KR-P-CB-4, & KR-P-CB-7	DRY WELL	KR-DW-P-2	23,500
P-3	37,285	94	ROAD AND RESIDENTIAL	0	1.31	49,530	KR-P-CB-10 THROUGH KR-P-CB-14	DRY WELL	KR-DW-P-3, KR-DW-P-4	49,600
P-4	16,710	100	ROAD	DECREASED BY 27201	0.76	N/A	DCB006653, DCB006652	DRY WELL	DDW009630	NONE- AREA REDUCED

NOTES:

- ALL DRYWELLS SHOULD BE CONSTRUCTED WITH MINIMUM 50 CU YD OF DRAIN ROCK WITH 35% VOID VOLUME WHICH PROVIDE 4,350 GAL OF STORAGE VOLUME. MINIMUM EXCAVATION AREA: 145 SF, DEPTH FROM RIM TO BASE: 16 FT.
- ALL NEW DRYWELLS SHOULD BE TESTED PER SPECIAL PROVISION SECTION 00470.72 AND PASS DESIGN INFILTRATION RATE (6.2 INCH/HR OR 0.63 CU FT/SEC).

100%
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NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
PROPOSED DRAINAGE
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

DESIGNED BY: YH
DRAWN BY: ARO
SCALE: 1" = 40'
FILE P2:1TBMW/C47.P-STBASINS - PD1.dwg

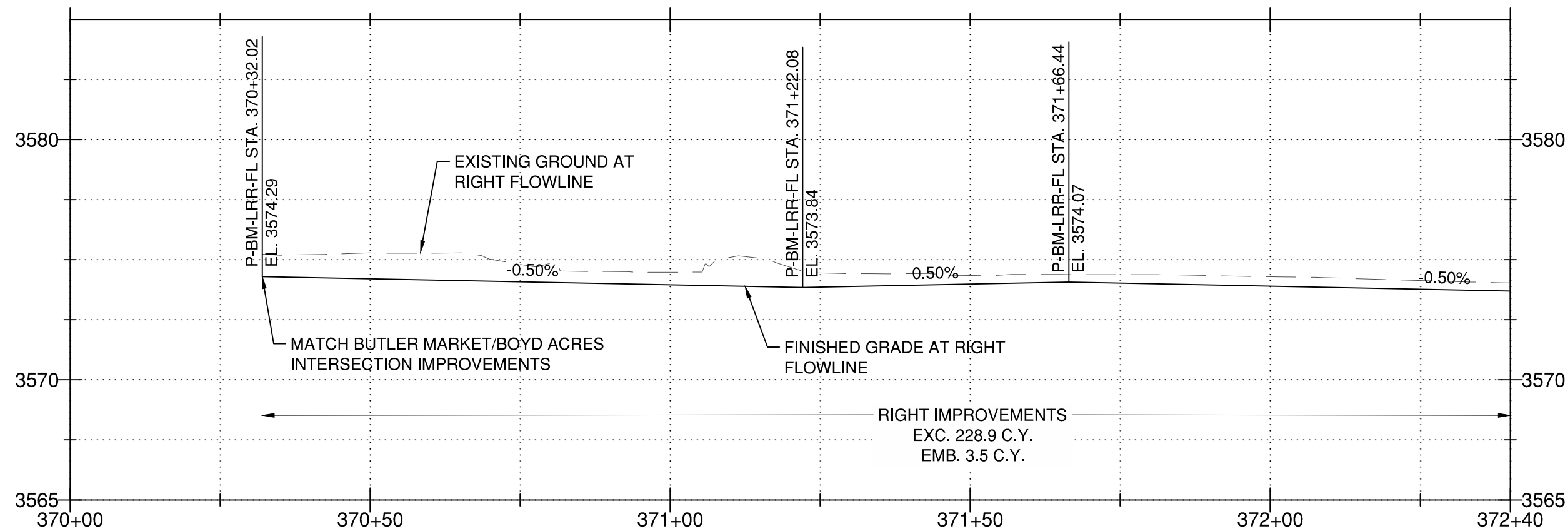
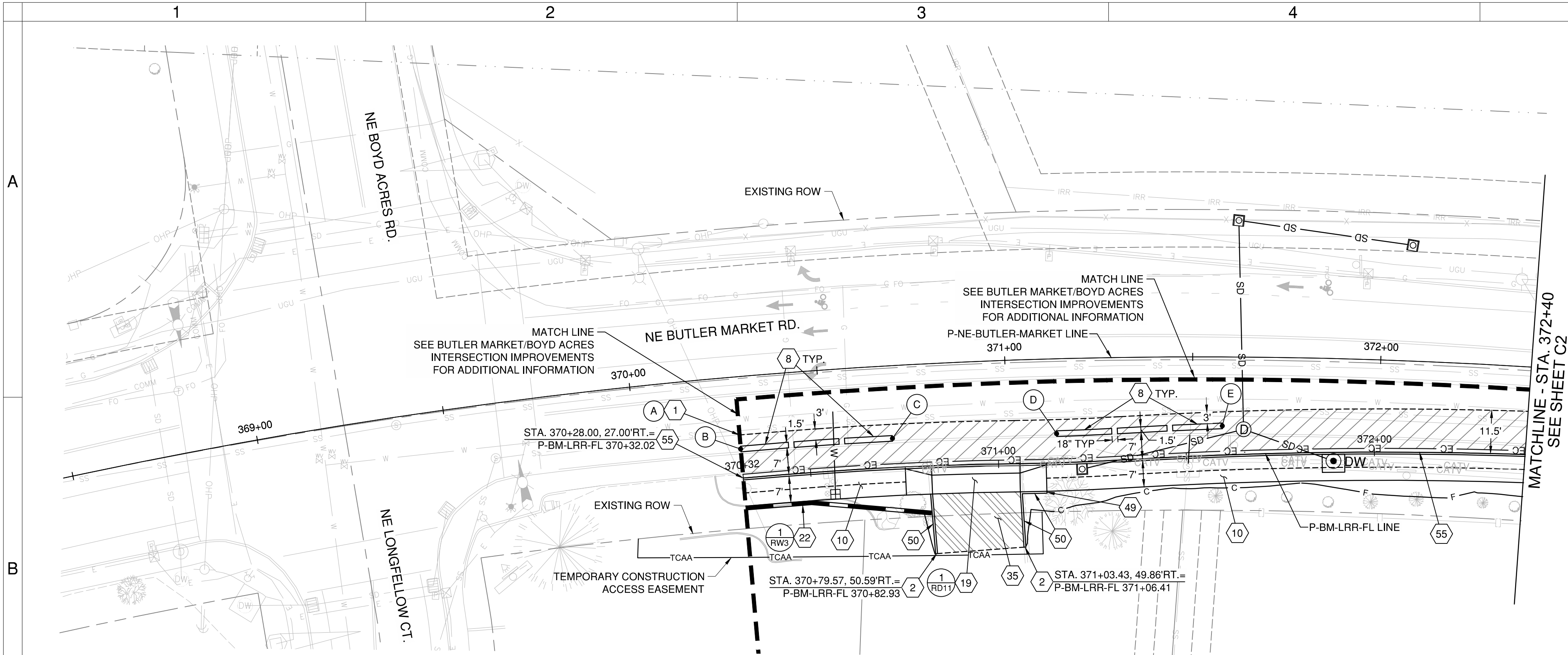
DATE: 06/2026
VERIFIED BY: ARO
DATE: 06/2026

0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SD1

COB #1GBBA

P2:1TBMW/C50.PLANPROFILE - PP1 Pld Date: 1/25/2024 6:24 AM Saved Date: 6/16/2026 3:01 PM User: Crawford, Oliver



CONSTRUCTION NOTES:

- SAWCUT AND MATCH INTO EXISTING ASPHALT PAVING. SEE POINT TABLE FOR STATION/OFFSET.
- SAWCUT AND MATCH INTO EXISTING CURB. TAPER CURB REVEAL TO MATCH EXISTING OVER 3FT. SEE POINT TABLE FOR STATION/OFFSET.
- CONSTRUCT TRAFFIC SEPARATOR TYPE B ON NEW ACP PER ODOT RD706. SEE DETAIL 2-RD1. INSTALL TRAFFIC SEPARATOR AFTER LAST ASPHALT LIFT.
- CONSTRUCT CONCRETE SIDEWALK/SHARED-USE PATH PER STD DWG R-4A AND R-4B. CONSTRUCT LONGITUDINAL SAWCUT JOINT FOR SIDEWALK/SHARED-USE PATH WIDER THAN 6'.
- CONSTRUCT PARTIALLY LOWERED CURB-TIGHT DRIVEWAY PER COB STD DWG R-5D.
- CONSTRUCT PREFABRICATED MODULAR GRAVITY RETAINING WALL. SEE SHEETS RW1-RW4 FOR DETAILS.
- CONSTRUCT 4" - LEVEL III ACP ON 6" BASE.
- CONSTRUCT CURB ENDING DETAIL PER COB STD DWG R-3.
- CONSTRUCT LOCAL STANDARD CURB PER COB STD DWGS R-3 AND R-3A.
- CONSTRUCT ARTERIAL CONCRETE CURB AND GUTTER PER COB STD DWG R-3 AND R-3A.

GENERAL NOTES:

- ALL STATION AND OFFSETS CALLOUTS ON THE PLAN VIEW ARE FROM THE ROADWAY CENTERLINE ALIGNMENTS.
- SEE SHEETS RD11 - RD15 FOR BIKE RAMP, ADA RAMP, AND DRIVEWAY STATION OFFSET CONTROL POINTS.
- SEE SHEETS ED1 - SD1 FOR DRAINAGE PLANS.
- SEE SHEET UT1 FOR UTILITY PLANS.
- SEE SHEETS SM1 - SM5 FOR STORM WATER PLANS AND PROFILES.
- SEE SHEETS RW1 - RW4 FOR RETAINING WALL PLANS AND ELEVATIONS.
- SEE SHEETS ST1 - ST4 FOR SIGNING AND STRIPING PLANS.
- SEE SHEETS IL1 - IL3 FOR ILLUMINATION PLANS.

LEGEND:

- | | |
|--|---|
| | FULL DEPTH LEVEL III, 1/2 INCH ACP (FOR DEPTH SEE SHEET TYP1) |
| | 4" LEVEL III ACP ON 6" BASE DRIVEWAY LANDING |
| | 2" LEVEL III ACP ON 4" BASE DRIVEWAY LANDING |
| | CONCRETE DRIVEWAY LANDING |
| | ASPEN ROCK MULCH |
| | PAVEMENT SAW CUTTING |
| | FILL SLOPE |
| | CUT SLOPE |
| | EDGE OF CONCRETE |
| | EDGE OF PAVEMENT |
| | RETAINING WALL |

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SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS

PHASE 2

ROADWAY PLAN & PROFILE

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. _____
2. _____
3. _____

WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

WSP

DESIGNED BY: OJC

DRAWN BY: ARO

SCALE: 1" = 20'

FILE: P2:1TBMW/C50.PLANPROFILE - PP1.dwg

DATE: 06/2026

VERIFY SCALES

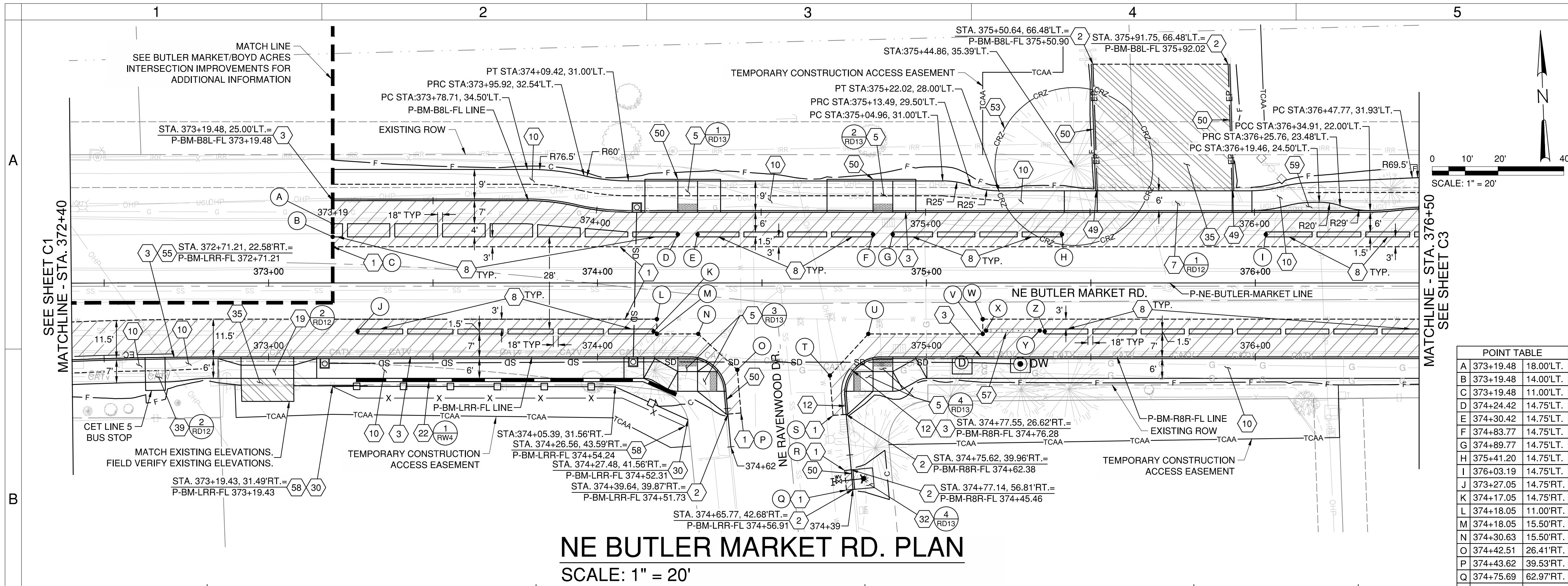
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

C1

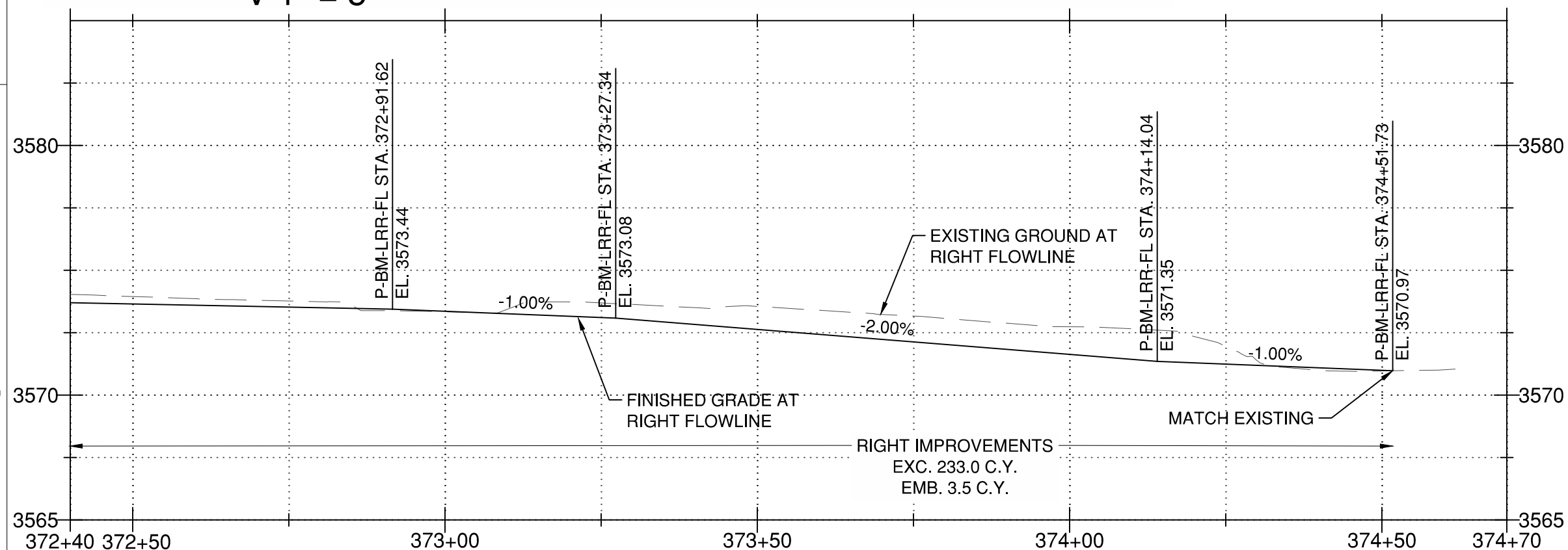
COB #1GBBA

P2-1TBMW-C50-PLANPROFILE - PP1 Plot Date: 1/25/2024 6:24 AM Saved Date: 6/16/2026 3:01 PM User: Crawford, Oliver



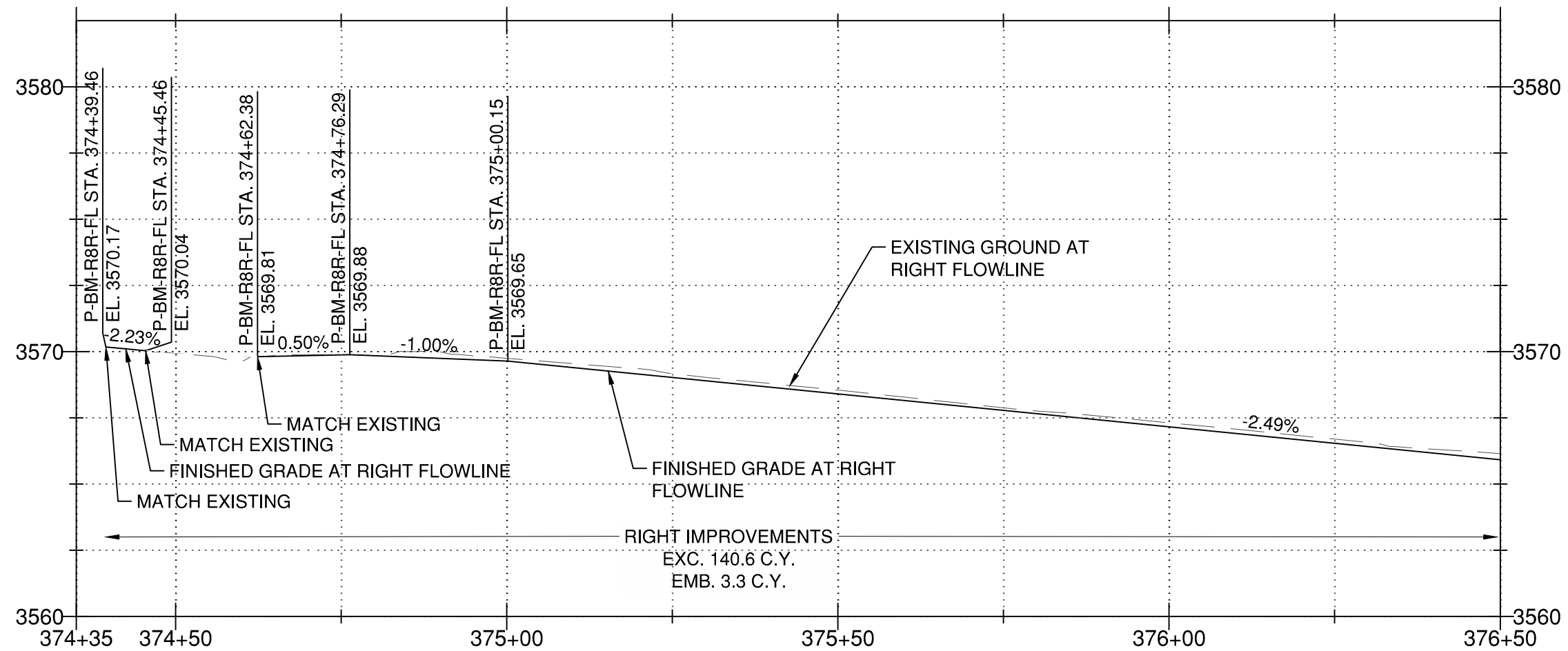
NE BUTLER MARKET RD. LEFT FL PROFILE

SCALE: H 1" = 20'
V 1" = 5'



NE BUTLER MARKET RD. RIGHT FL PROFILE

SCALE: H 1" = 20'
V 1" = 5'



NE BUTLER MARKET RD. RIGHT FL PROFILE

SCALE: H 1" = 20'
V 1" = 5'

CONSTRUCTION NOTES:

- SAWCUT AND MATCH INTO EXISTING ASPHALT PAVING. SEE POINT TABLE FOR STATION/OFFSET.
- SAWCUT AND MATCH INTO EXISTING CURB. TAPER CURB REVEAL TO MATCH EXISTING OVER 3FT. SEE POINT TABLE FOR STATION/OFFSET.
- CONSTRUCT ARTERIAL STANDARD CURB PER COB STD DWGS R-3 AND R-3A.
- CONSTRUCT ADA COMPLIANT CROSSING PER ADA AND BIKE RAMP DETAIL SHEETS AND COB STD DWG R-6, R-6A AND R-6B.
- CONSTRUCT CURB-TIGHT, FULLY LOWERED DRIVEWAY PER COB STD DWG R-5C.
- CONSTRUCT TRAFFIC SEPARATOR TYPE B ON NEW ACP PER ODOT RD706. SEE DETAIL 2-RD1. INSTALL TRAFFIC SEPARATOR AFTER LAST ASPHALT LIFT.
- CONSTRUCT CONCRETE SIDEWALK/SHARED-USE PATH PER STD DWG R-4A AND R-4B. CONSTRUCT LONGITUDINAL SAWCUT JOINT FOR SIDEWALK/SHARED-USE PATH WIDER THAN 6'.
- CONSTRUCT LOCAL CONCRETE CURB AND GUTTER PER COB STD DWGS R-3 AND R-3A.
- CONSTRUCT PARTIALLY LOWERED CURB-TIGHT DRIVEWAY PER COB STD DWG R-5D.
- CONSTRUCT PREFABRICATED MODULAR GRAVITY RETAINING WALL. SEE SHEETS RW1-RW4 FOR DETAILS.
- REBUILD FENCE IN KIND PER COB SPEC. 01050.
- CONSTRUCT HYDRANT PAD MODIFICATION PER COB STD W-7 AND W-8 FOR ELEVATIONS, GRADES, AND STATIONS.
- CONSTRUCT 4" - LEVEL III ACP ON 6" BASE.
- CONSTRUCT 6" THICK CONCRETE SIDEWALK ON 4" BASE PER COB STD DWG R-4B.
- CONSTRUCT CURB ENDING DETAIL PER COB STD DWG R-3.
- CONSTRUCT LOCAL STANDARD CURB PER COB STD DWGS R-3 AND R-3A.
- SPECIAL CONCERN AREA FOR TREE PRESERVATION. HAND EXCAVATE AROUND TREE ROOTS IN CLEAR ROOT ZONE (24' RADIUS FROM CENTER OF TRUNK) PER COB SPEC 00320.
- CONSTRUCT ARTERIAL CONCRETE CURB AND GUTTER PER COB STD DWG R-3 AND R-3A.
- CONSTRUCT DURA-CURB SYSTEM WITH DELINEATOR POSTS. INSTALL DURA-CURB NOSE END SECTIONS.
- PROVIDE TEMPORARY FENCING FOR OWNER THROUGH CONSTRUCTION UNTIL PERMANENT FENCE REPLACEMENT IS INSTALLED.
- CONSTRUCT ASPEN ROCK MULCH TO A DEPTH OF 3".

GENERAL NOTES:

- ALL STATION AND OFFSETS CALLOUTS ON THE PLAN VIEW ARE FROM THE ROADWAY CENTERLINE ALIGNMENTS.
- SEE SHEETS RD11 - RD15 FOR BIKE RAMP, ADA RAMP, AND DRIVEWAY STATION OFFSET CONTROL POINTS.
- SEE SHEETS ED1 - SD1 FOR DRAINAGE PLANS.
- SEE SHEET UT1 FOR UTILITY PLANS.
- SEE SHEETS SM1 - SM5 FOR STORM WATER PLANS AND PROFILES.
- SEE SHEETS RW1 - RW4 FOR RETAINING WALL PLANS AND ELEVATIONS.
- SEE SHEETS ST1 - ST4 FOR SIGNING AND STRIPING PLANS.
- SEE SHEETS IL1 - IL3 FOR ILLUMINATION PLANS.

LEGEND:

- FULL DEPTH LEVEL III, 1/2 INCH ACP (FOR DEPTH SEE SHEET TYP1)
- 4" LEVEL III ACP ON 6" BASE DRIVEWAY LANDING
- 2" LEVEL III ACP ON 4" BASE DRIVEWAY LANDING
- CONCRETE DRIVEWAY LANDING
- ASPEN ROCK MULCH
- PAVEMENT SAW CUTTING
- FILL SLOPE
- CUT SLOPE
- EDGE OF CONCRETE
- EDGE OF PAVEMENT
- RETAINING WALL

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2

ROADWAY PLAN & PROFILE

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1.	
2.	
3.	

WSP USA, Inc.
855 NW 80th St.
Suite 220
Bend, OR 97703
Tel: 1.341.640.4700

WSP

DESIGNED BY: OJC
DRAWN BY: ARO

SCALE: 1" = 20'
FILE: P2-1TBMW-C50-PLANPROFILE - PP1.dwg

DATE: 06/2026

VERIFY SCALES

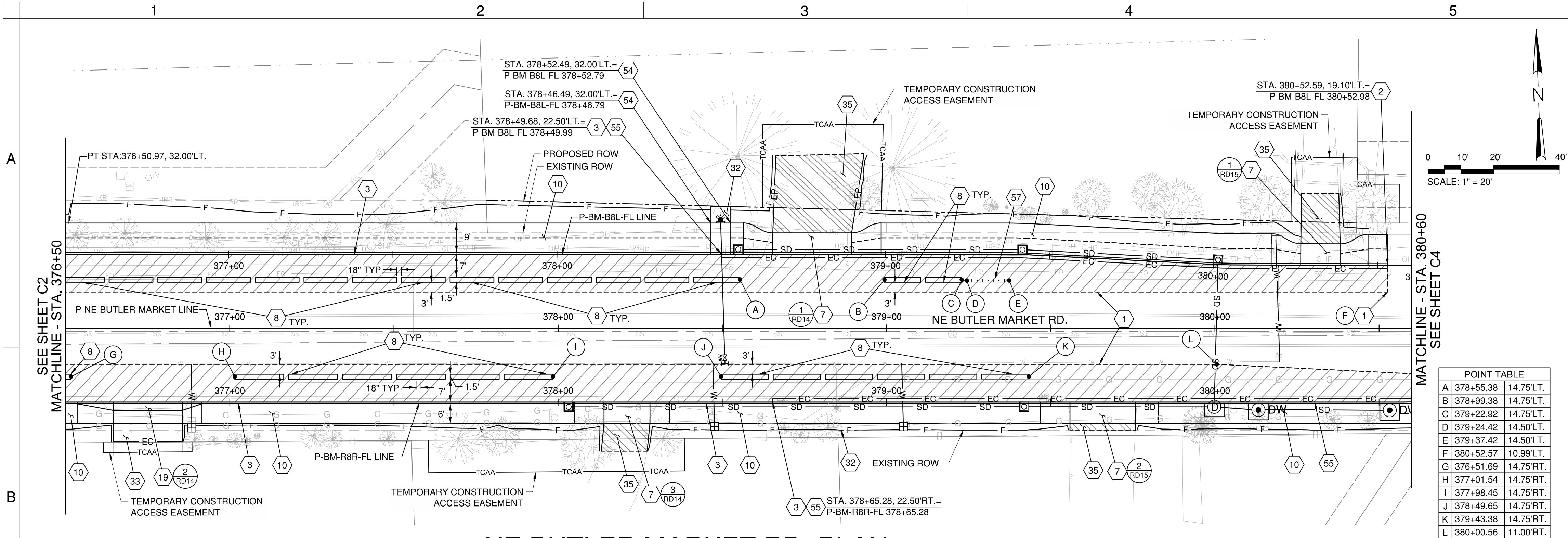
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

C2

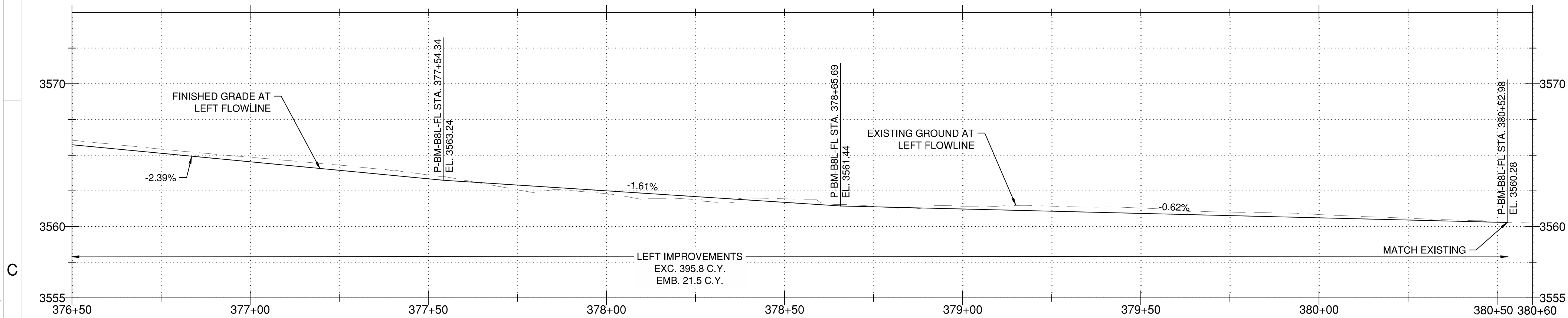
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P2-1TBMW/C50/PLAN/PROFILE - PP1 Plot Date: 1/25/2024 6:24 AM Saved Date: 6/16/2026 3:01 PM User: Crawford, Oliver

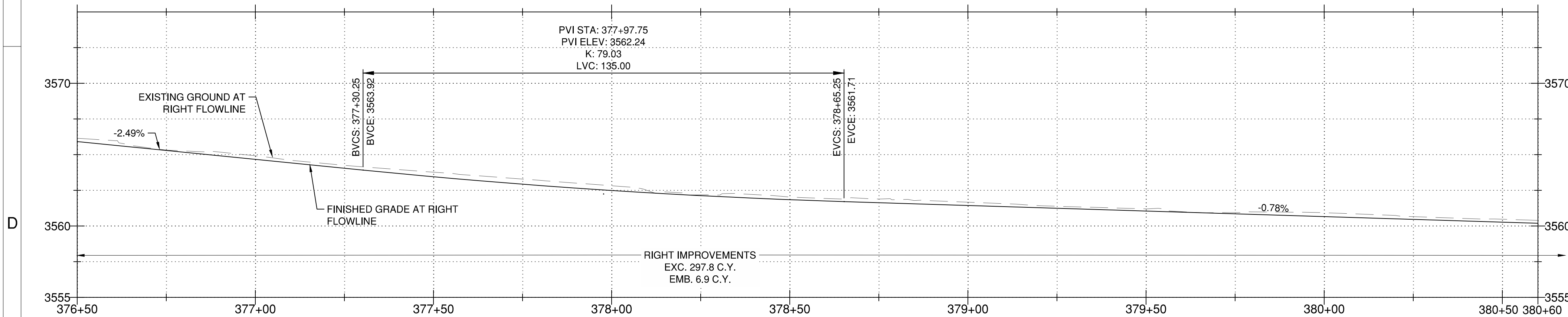


POINT TABLE	
A	378+55.38 14.75'LT.
B	378+99.38 14.75'LT.
C	379+22.92 14.75'LT.
D	379+24.42 14.50'LT.
E	379+37.42 14.50'LT.
F	380+52.57 10.99'LT.
G	376+51.69 14.75'RT.
H	377+01.54 14.75'RT.
I	377+98.45 14.75'RT.
J	378+49.65 14.75'RT.
K	379+43.38 14.75'RT.
L	380+00.56 11.00'RT.

NE BUTLER MARKET RD. PLAN
SCALE: 1" = 20'



NE BUTLER MARKET RD. LEFT FL PROFILE
SCALE: H 1" = 20'
V 1" = 5'



NE BUTLER MARKET RD. RIGHT FL PROFILE
SCALE: H 1" = 20'
V 1" = 5'

CONSTRUCTION NOTES:

- SAWCUT AND MATCH INTO EXISTING ASPHALT PAVING. SEE POINT TABLE FOR STATION/OFFSET.
- SAWCUT AND MATCH INTO EXISTING CURB. TAPER CURB REVEAL TO MATCH EXISTING OVER 3FT. SEE POINT TABLE FOR STATION/OFFSET.
- CONSTRUCT ARTERIAL STANDARD CURB PER COB STD DWGS R-3 AND R-3A.
- CONSTRUCT CURB-TIGHT, FULLY LOWERED DRIVEWAY PER COB STD DWG R-5C.
- CONSTRUCT TRAFFIC SEPARATOR TYPE B ON NEW ACP PER ODOT RD706. SEE DETAIL 2-RD1. INSTALL TRAFFIC SEPARATOR AFTER LAST ASPHALT LIFT.
- CONSTRUCT CONCRETE SIDEWALK/SHARED-USE PATH PER STD DWG R-4A AND R-4B. CONSTRUCT LONGITUDINAL SAWCUT JOINT FOR SIDEWALK/SHARED-USE PATH WIDER THAN 6'.
- CONSTRUCT PARTIALLY LOWERED CURB-TIGHT DRIVEWAY PER COB STD DWG R-5D.
- CONSTRUCT HYDRANT PAD MODIFICATION PER COB STD W-7 AND W-8 FOR ELEVATIONS, GRADES, AND STATIONS.
- 6" CONCRETE DRIVEWAY ON 4" AGGREGATE BASE.
- CONSTRUCT 4" - LEVEL III ACP ON 6" BASE.
- CONSTRUCT CONCRETE WALK WITH THICKENED EDGE PER DETAIL 1-RD1.
- CONSTRUCT ARTERIAL CONCRETE CURB AND GUTTER PER COB STD DWG R-3 AND R-3A.
- CONSTRUCT DURA-CURB SYSTEM WITH DELINEATOR POSTS. INSTALL DURA-CURB NOSE END SECTIONS.

GENERAL NOTES:

- ALL STATION AND OFFSETS CALLOUTS ON THE PLAN VIEW ARE FROM THE ROADWAY CENTERLINE ALIGNMENTS.
- SEE SHEETS RD11 - RD15 FOR BIKE RAMP, ADA RAMP, AND DRIVEWAY STATION OFFSET CONTROL POINTS.
- SEE SHEETS ED1 - SD1 FOR DRAINAGE PLANS.
- SEE SHEET UT1 FOR UTILITY PLANS.
- SEE SHEETS SM1 - SM5 FOR STORM WATER PLANS AND PROFILES.
- SEE SHEETS RW1 - RW4 FOR RETAINING WALL PLANS AND ELEVATIONS.
- SEE SHEETS ST1 - ST4 FOR SIGNING AND STRIPING PLANS.
- SEE SHEETS IL1 - IL3 FOR ILLUMINATION PLANS.

LEGEND:

	FULL DEPTH LEVEL III, 1/2 INCH ACP (FOR DEPTH SEE SHEET TYP1)
	4" LEVEL III ACP ON 6" BASE DRIVEWAY LANDING
	2" LEVEL III ACP ON 4" BASE DRIVEWAY LANDING
	CONCRETE DRIVEWAY LANDING
	ASPEN ROCK MULCH
	PAVEMENT SAW CUTTING
	FILL SLOPE
	CUT SLOPE
	EDGE OF CONCRETE
	EDGE OF PAVEMENT
	RETAINING WALL

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
ROADWAY PLAN & PROFILE
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. _____
2. _____
3. _____

WSP USA, Inc.
855 NW 2nd St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 20'
FILE: P2-1TBMW/C50/PLAN/PROFILE - PP1.dwg

DATE: 06/2026

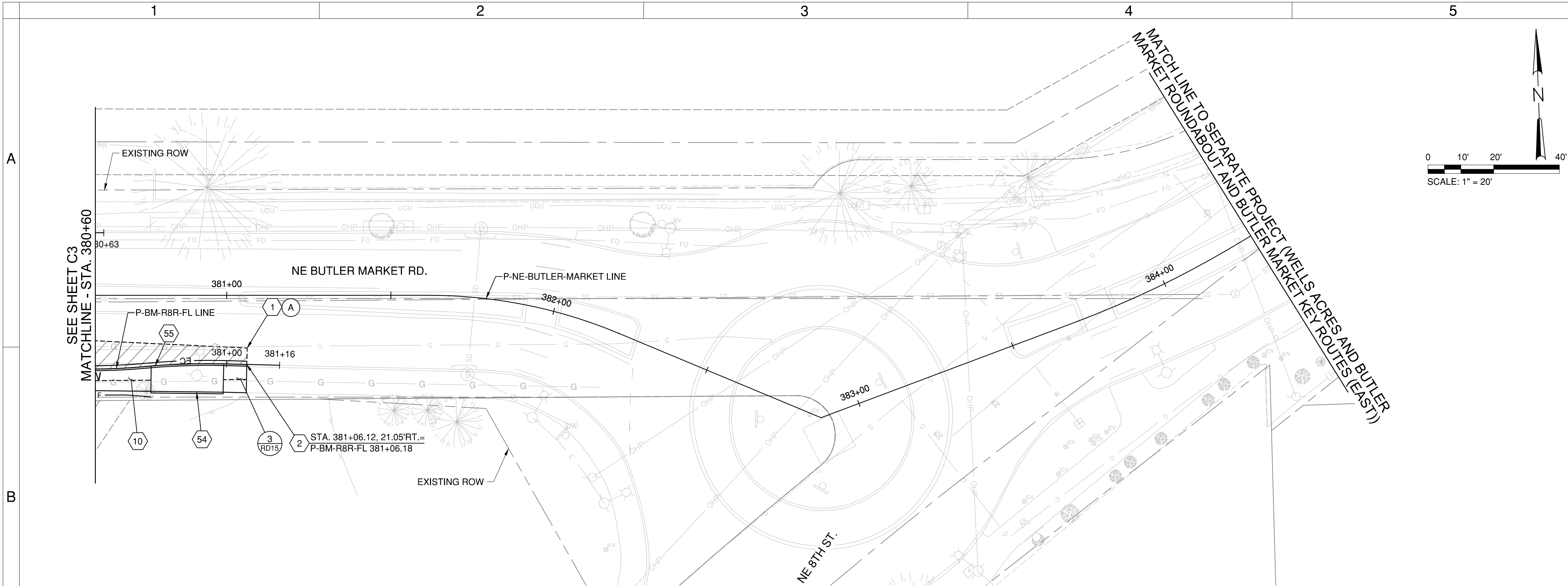
VERIFY SCALES
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

C3

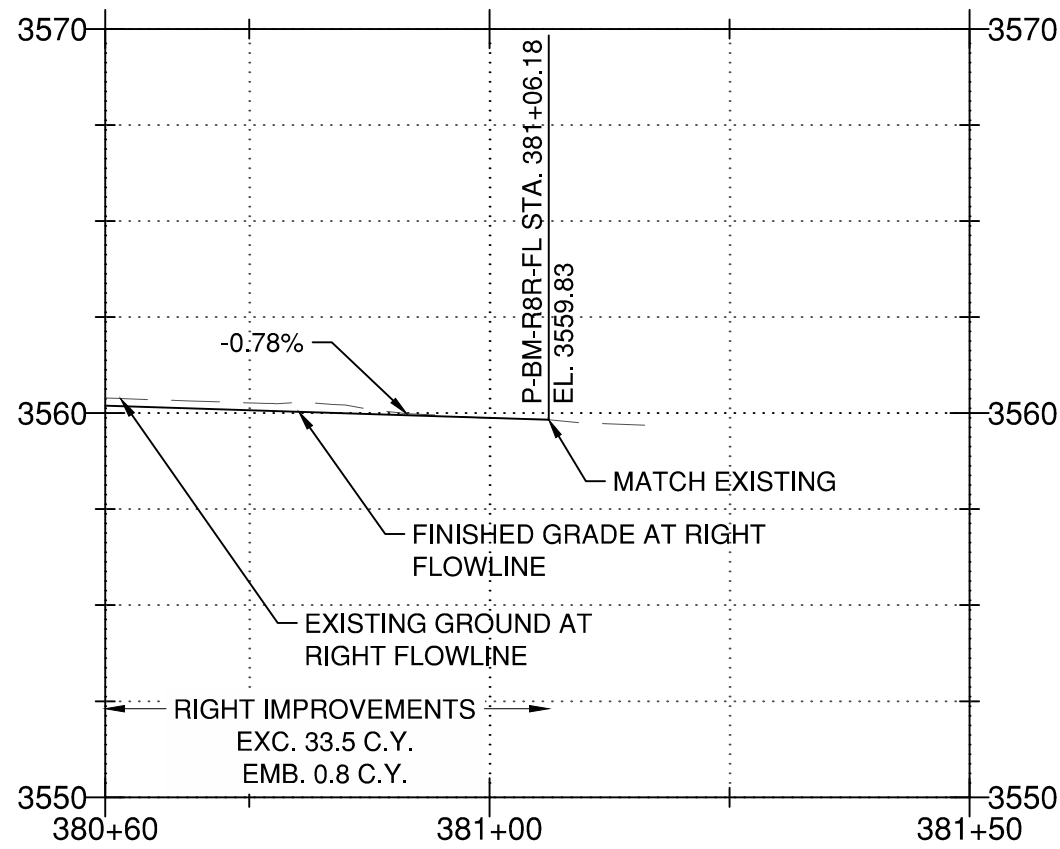
COB #1GBBA

P2:1TBMW/C50.PLANPROFILE - PP1 Plot Date: 1/25/2024 6:24 AM Saved Date: 6/16/2026 3:01 PM User: Crawford, Oliver



NE BUTLER MARKET RD. PLAN
SCALE: 1" = 20'

POINT TABLE	
A	381+06.25 16.05'RT.



NE BUTLER MARKET RD. RIGHT FL PROFILE
SCALE: H 1" = 20'
V 1" = 5'

CONSTRUCTION NOTES:

- SAWCUT AND MATCH INTO EXISTING ASPHALT PAVING. SEE POINT TABLE FOR STATION/OFFSET.
- SAWCUT AND MATCH INTO EXISTING CURB. TAPER CURB REVEAL TO MATCH EXISTING OVER 3FT. SEE POINT TABLE FOR STATION/OFFSET.
- CONSTRUCT CONCRETE SIDEWALK/SHARED-USE PATH PER STD DWG R-4A AND R-4B. CONSTRUCT LONGITUDINAL SAWCUT JOINT FOR SIDEWALK/SHARED-USE PATH WIDER THAN 6'.
- CONSTRUCT CONCRETE WALK WITH THICKENED EDGE PER DETAIL 1-RD1.
- CONSTRUCT ARTERIAL CONCRETE CURB AND GUTTER PER COB STD DWG R-3 AND R-3A.

GENERAL NOTES:

- ALL STATION AND OFFSETS CALLOUTS ON THE PLAN VIEW ARE FROM THE ROADWAY CENTERLINE ALIGNMENTS.
- SEE SHEETS RD11 - RD15 FOR BIKE RAMP, ADA RAMP, AND DRIVEWAY STATION OFFSET CONTROL POINTS.
- SEE SHEETS ED1 - SD1 FOR DRAINAGE PLANS.
- SEE SHEET UT1 FOR UTILITY PLANS.
- SEE SHEETS SM1 - SM5 FOR STORM WATER PLANS AND PROFILES.
- SEE SHEETS RW1 - RW4 FOR RETAINING WALL PLANS AND ELEVATIONS.
- SEE SHEETS ST1 - ST4 FOR SIGNING AND STRIPING PLANS.
- SEE SHEETS IL1 - IL3 FOR ILLUMINATION PLANS.

LEGEND:

- | | |
|--|---|
| | FULL DEPTH LEVEL III, 1/2 INCH ACP (FOR DEPTH SEE SHEET TYP1) |
| | 4" LEVEL III ACP ON 6" BASE DRIVEWAY LANDING |
| | 2" LEVEL III ACP ON 4" BASE DRIVEWAY LANDING |
| | CONCRETE DRIVEWAY LANDING |
| | ASPEN ROCK MULCH |
| | PAVEMENT SAW CUTTING |
| | FILL SLOPE |
| | CUT SLOPE |
| | EC EDGE OF CONCRETE |
| | EP EDGE OF PAVEMENT |
| | RETAINING WALL |

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
ROADWAY PLAN & PROFILE
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. _____
2. _____
3. _____

WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

DESIGNED BY: OJC
DRAWN BY: ARO
SCALE: 1" = 20'
FILE: P2:1TBMW/C50.PLANPROFILE - PP1.dwg

DATE: 06/2026

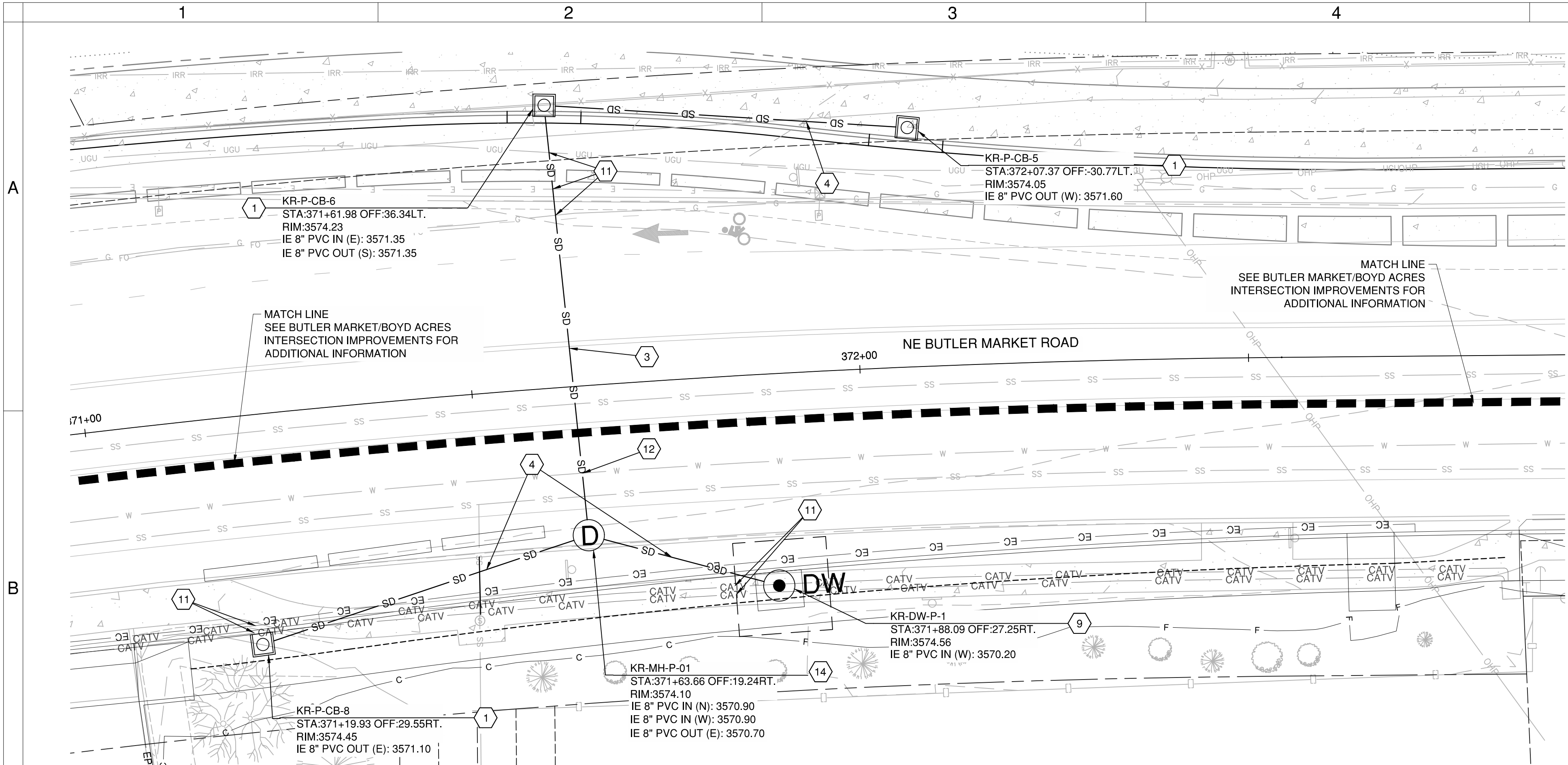
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

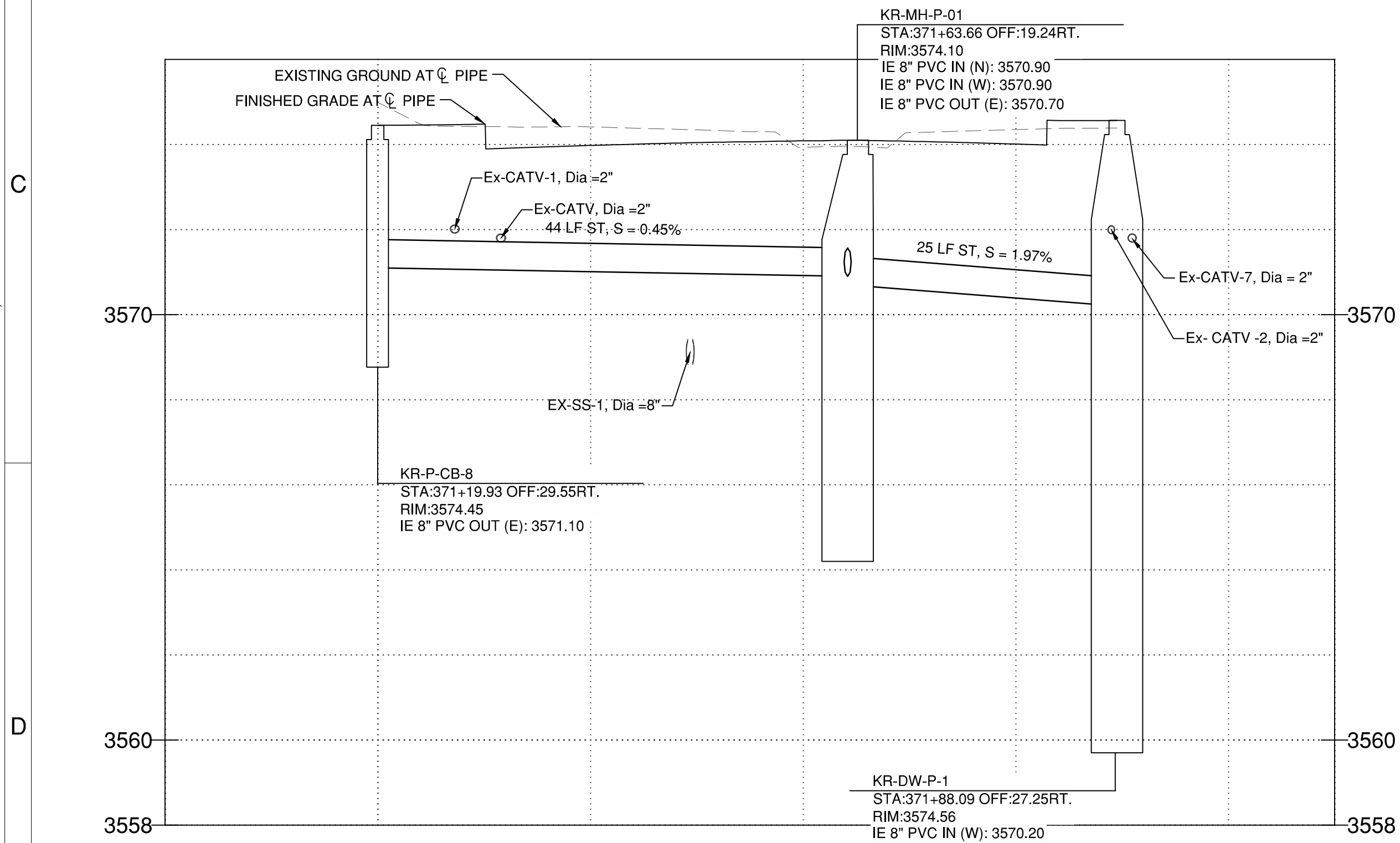
C4

COB #1GBBA

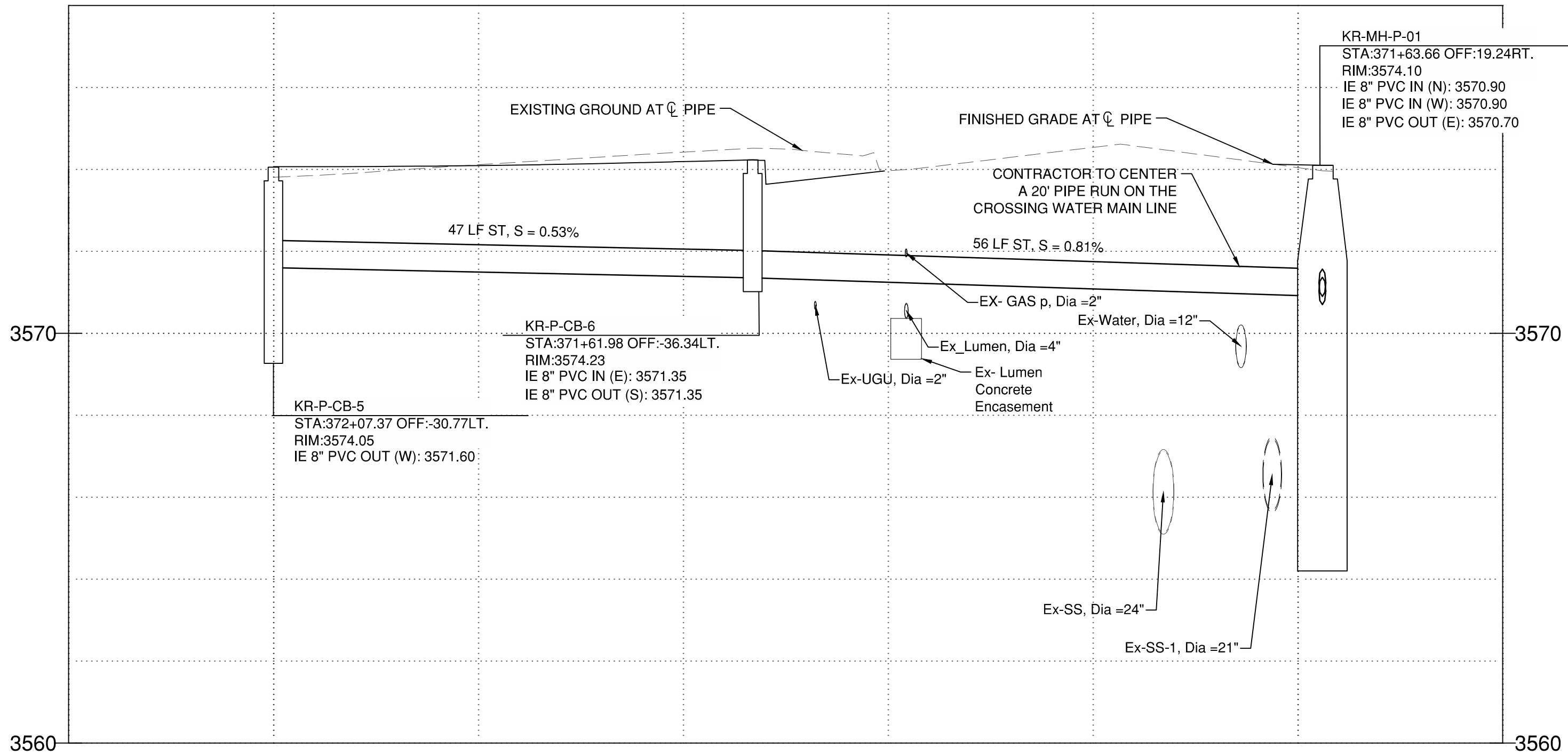
P2-1TBMW/C75/STORM-1 Plot Date: 6/18/2026 3:57 PM Saved Date: 6/18/2026 1:09 PM User: Crawford, Oliver



KR-P-CB-5 TO KR-DW-P-01 STORM PLAN
SCALE: 1" = 10'



KR-P-CB-5 TO KR-DW-P-01 STORM PROFILE
SCALE: H: 1" = 10'
V: 1" = 2'



CONSTRUCTION NOTES:

1. CONSTRUCT CITY OF BEND STANDARD CURB INLETS PER CITY OF BEND STD DWGS STRM-8, STRM-9, STRM-11, E = 7-INCHES.
2. NOT USED.
3. INSTALL 8" C-900 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
4. INSTALL 8" D3034 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. CONSTRUCT PRE-CAST DRYWELL WITH 50CY DRAIN ROCK (DRAIN ROCK EXCAVATION AREA = 12-FOOT DIAMETER) PER CITY OF BEND STD DWG STRM-10 AND STRM-8.
10. NOT USED.
11. UTILITY TO BE RELOCATED BY OTHERS.
12. PERFORM SPECIAL UTILITY POT HOLE AT THIS LOCATION, PRIOR TO THE START OF EXCAVATION, AND REPORT THE DEPTH, SIZE, AND TYPE OF EXISTING UTILITY TO THE ENGINEER FOR REVIEW.
13. NOT USED.
14. CONSTRUCT STORMWATER SEDIMENTATION MANHOLE PER CITY OF BEND STD DWG STRM-7.

GENERAL NOTES

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITY STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER DIMENSIONS OF ALL EXISTING UTILITY STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
2. TELECOM LINE SHOWN ON THE PLANS TO BE RELOCATED ARE APPROXIMATE LOCATIONS AND ARE NOT SURVEYED.

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
STORMWATER PLAN AND PROFILE
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. _____
2. _____
3. _____

WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4700

DESIGNED BY: EL
DRAWN BY: EL
SCALE: 1" = 80'
FILE P2-1TBMW/C75/STORM-1.dwg
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

SM1

COB #1GBBA

P2-1TBMW/C75/STORM-1 Plot Date: 6/18/2026 3:58 PM Saved Date: 6/18/2026 1:09 PM User: Crawford, Oliver

CONSTRUCTION NOTES:

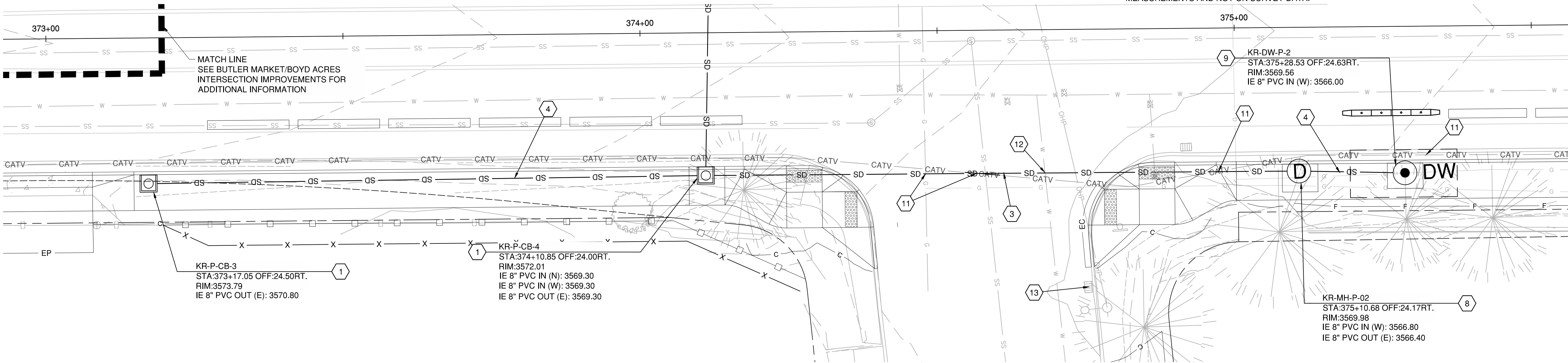
1. CONSTRUCT CITY OF BEND STANDARD CURB INLETS PER CITY OF BEND STD DWGS STRM-8, STRM-9, STRM-11. E = 7-INCHES.
2. NOT USED.
3. INSTALL 8" C-900 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
4. INSTALL 8" D3034 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. CONSTRUCT STORMWATER SEDIMENTATION MANHOLE -ALTERNATE PER CITY OF BEND STD DWG STRM-7 AND STRM-7A.
9. CONSTRUCT PRE-CAST DRYWELL WITH 50CY DRAIN ROCK (DRAIN ROCK EXCAVATION AREA = 12-FEET DIAMETER) PER CITY OF BEND STD DWG STRM-10 AND STRM-8.
10. NOT USED.

11. UTILITY TO BE RELOCATED BY OTHERS.
12. PERFORM SPECIAL UTILITY POTHOLE AT THIS LOCATION, PRIOR TO THE START OF EXCAVATION, AND REPORT THE DEPTH, SIZE, AND TYPE OF EXISTING UTILITY TO THE ENGINEER FOR REVIEW.
13. PROTECT EXISTING STORM WATER STRUCTURE IN PLACE.
14. NOT USED.

GENERAL NOTES

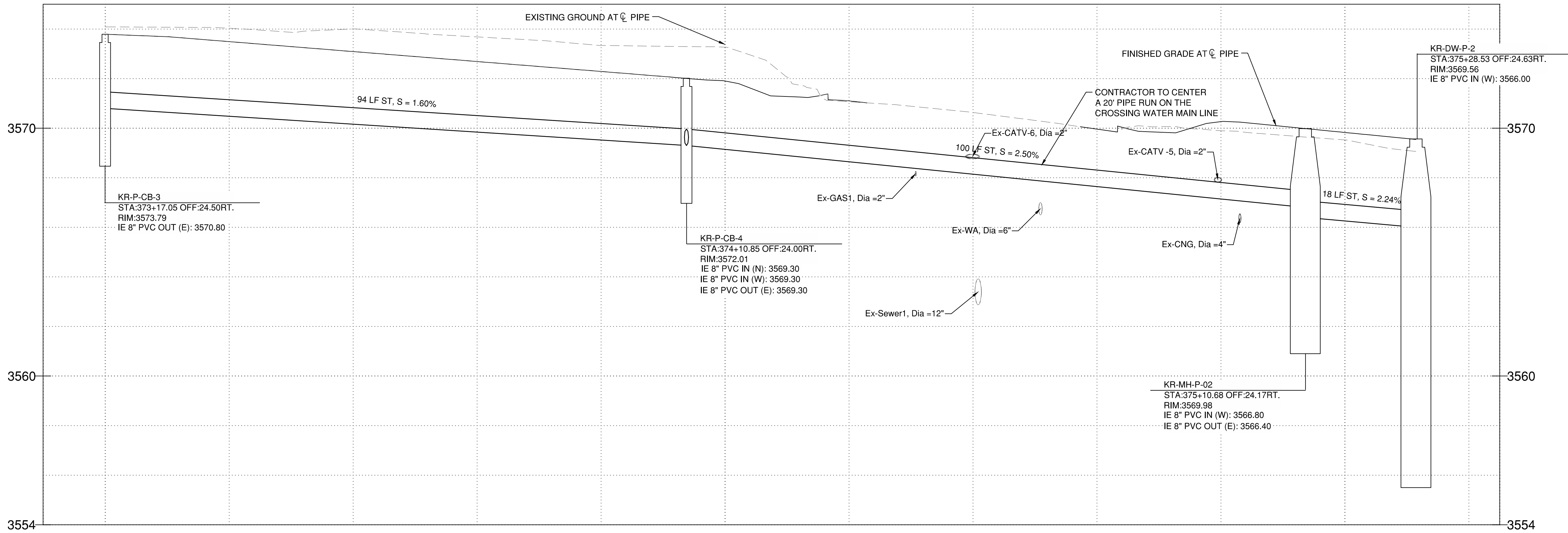
1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITY STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER DIMENSIONS OF ALL EXISTING UTILITY STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
2. COMPRESSED NATURAL GAS (CNG) AND TELECOM LINES SHOWN ON THE PLAN AND PROFILE, INCLUDING CROSSING LOCATIONS AND ELEVATIONS, ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS AND NOT ON SURVEY DATA.

0 5' 10' 20'
SCALE: 1" = 10'



KR-P-CB-3 TO KR-DW-P-2 STORM PLAN

SCALE: 1" = 10'



KR-P-CB-3 TO KR-DW-P-2 STORM PROFILE

SCALE: H: 1" = 10'
V: 1" = 2'

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
STORMWATER PLAN AND PROFILE
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. 2. 3.

WSP USA, Inc.
855 NW 22nd St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4700

WSP

DESIGNED BY: EL
DRAWN BY: EL
SCALE: 1" = 80'
FILE P2-1TBMW/C75/STORM-1.dwg
DATE: 06/2026

VERIFY SCALES

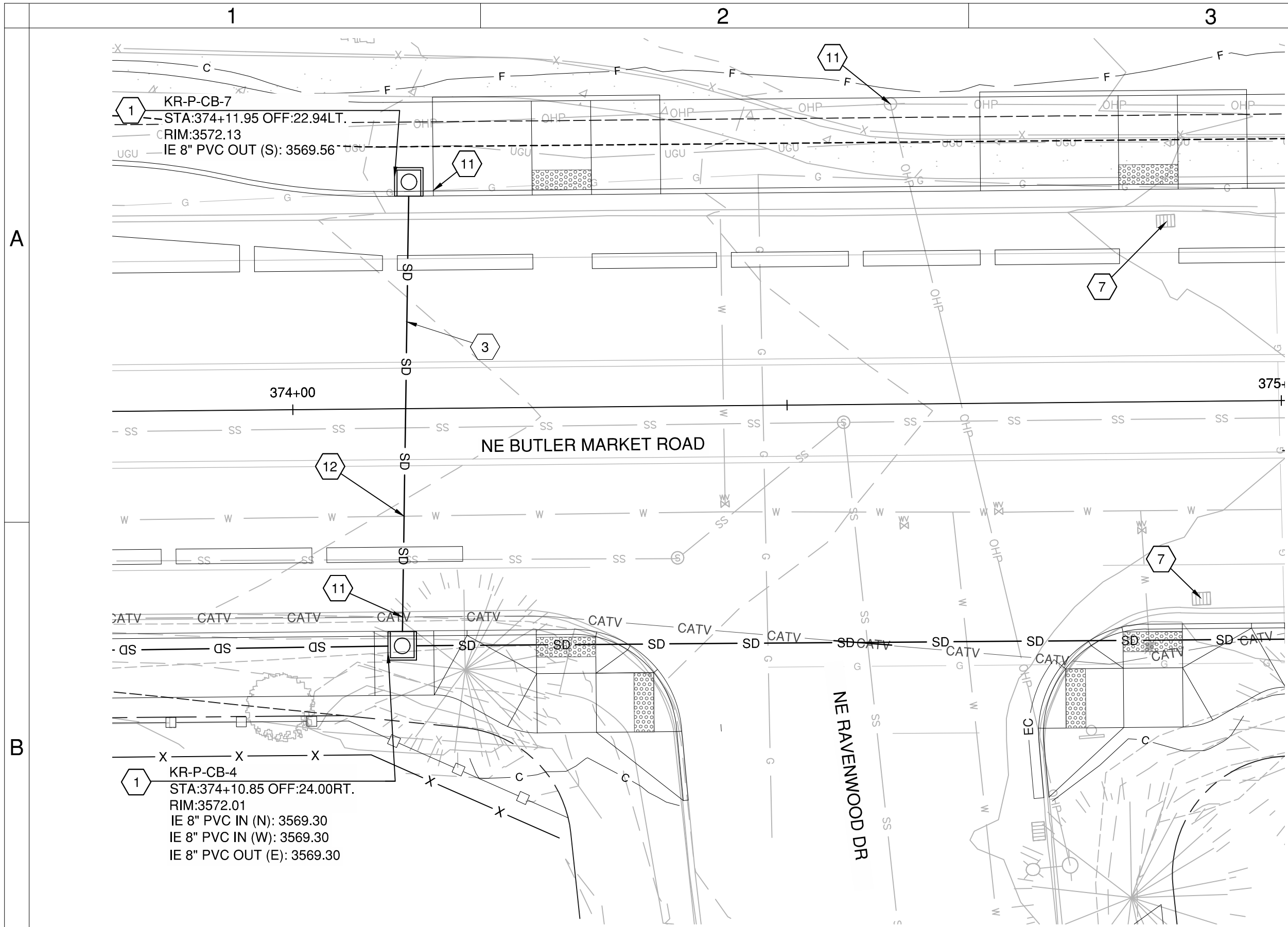
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

SM2

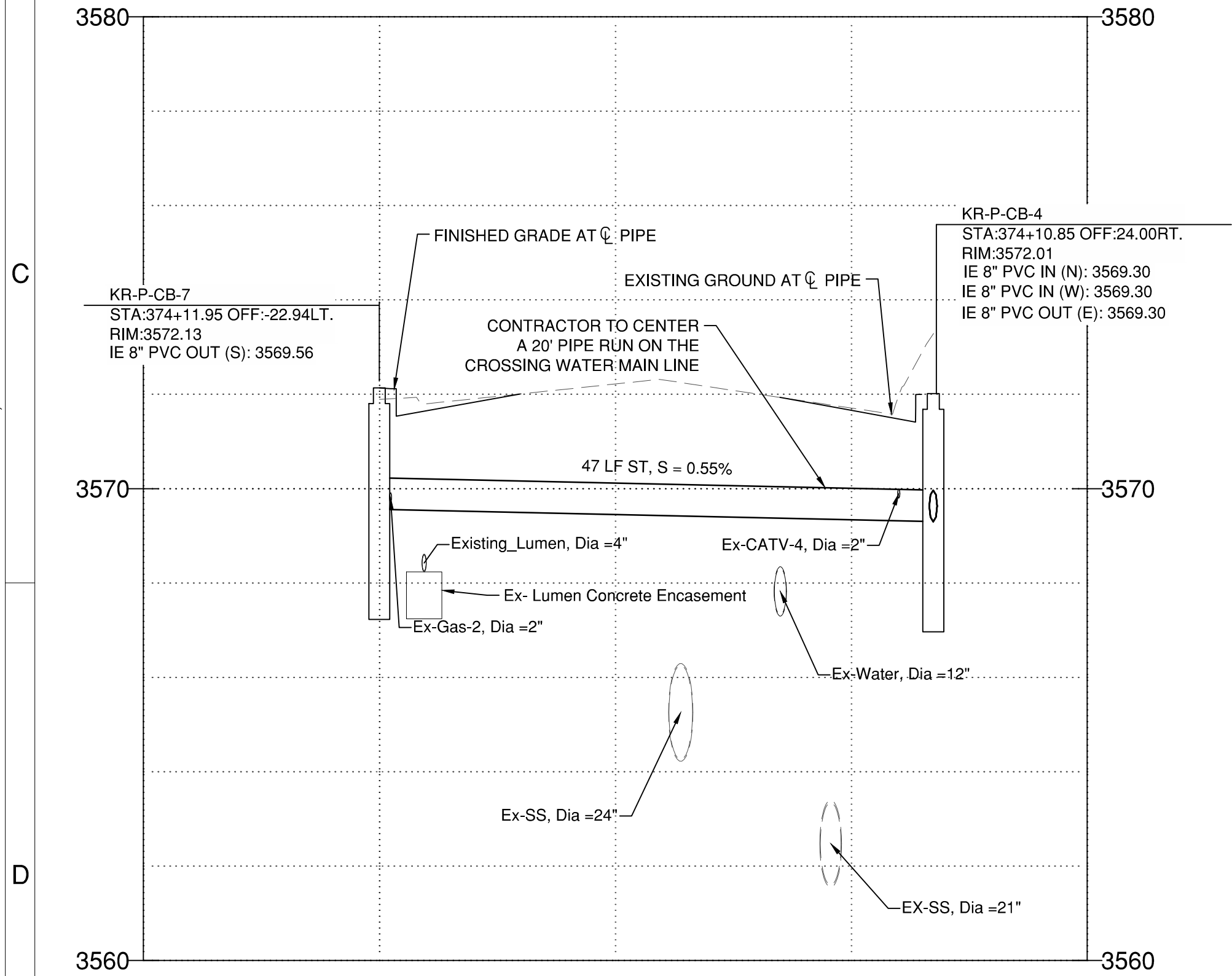
COB #1GBBA

P2-1TBMW/C75/STORM-1 Plot Date: 6/18/2026 3:59 PM Saved Date: 6/18/2026 1:09 PM User: Crawford, Oliver



KR-P-CB-7 TO KR-P-CB-4 STORM PLAN

SCALE: 1" = 10'



KR-P-CB-7 TO KR-P-CB-4 STORM PROFILE

SCALE: H: 1" = 10'

V: 1" = 2'

CONSTRUCTION NOTES:

1. CONSTRUCT CITY OF BEND STANDARD CURB INLETS PER CITY OF BEND STD DWGS STRM-8, STRM-9, STRM-11. E = 7-INCHES.
2. NOT USED.
3. INSTALL 8" C-900 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. DECOMMISSION EXISTING UIC (CITY OF BEND DRILL HOLE) PER CITY OF BEND SPECIFICATIONS AND SPECIAL PROVISIONS 00310.45.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. UTILITY TO BE RELOCATED BY OTHERS.
12. PERFORM SPECIAL UTILITY POT HOLE AT THIS LOCATION, PRIOR TO THE START OF EXCAVATION, AND REPORT THE DEPTH, SIZE, AND TYPE OF EXISTING UTILITY TO THE ENGINEER FOR REVIEW.
13. NOT USED.
14. NOT USED.

GENERAL NOTES

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITY STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER DIMENSIONS OF ALL EXISTING UTILITY STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
2. COMPRESSED NATURAL GAS (CNG) LINES AND TELECOM LINES SHOWN ON THE PLAN AND PROFILE, INCLUDING CROSSING LOCATIONS AND ELEVATIONS, ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS AND NOT ON SURVEY DATA.

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS

PHASE 2

STORMWATER PLAN AND PROFILE

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. 2. 3.

WSP USA, Inc.
855 NW Pacific St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

WSP

DESIGNED BY: EL
DRAWN BY: EL
SCALE: 1" = 80'
FILE P2-1TBMW/C75/STORM-1.dwg
DATE: 06/2026

VERIFY SCALES

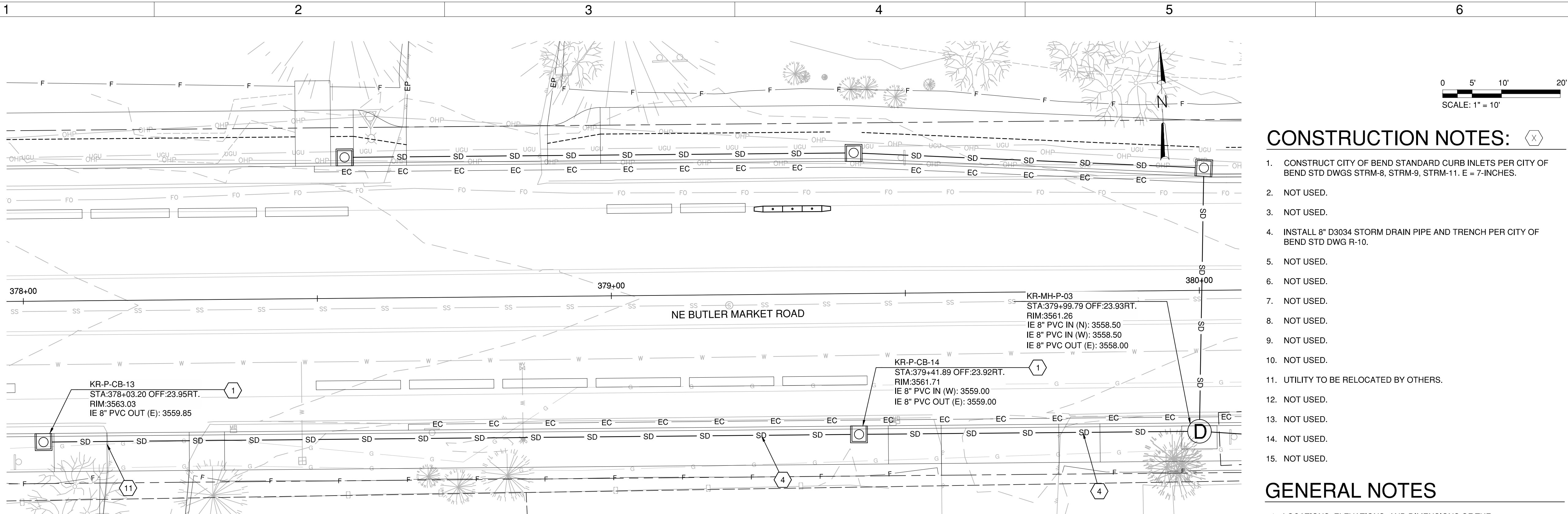
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

SM3

COB #1GBBA

P2-1TBMW/C75/STORM-1 Plot Date: 6/18/2026 11:30 AM Saved Date: 6/18/2026 10:53 AM User: Crawford, Oliver



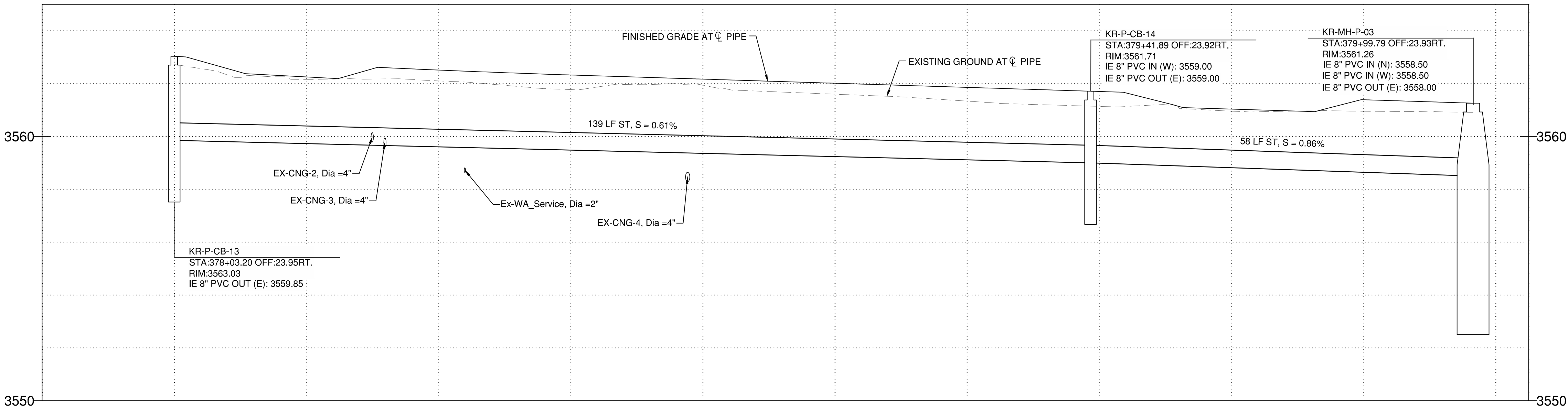
KR-P-CB-13 TO KR-MH-P-03 STORM PLAN
SCALE: 1" = 10'

CONSTRUCTION NOTES:

1. CONSTRUCT CITY OF BEND STANDARD CURB INLETS PER CITY OF BEND STD DWGS STRM-8, STRM-9, STRM-11. E = 7-INCHES.
2. NOT USED.
3. NOT USED.
4. INSTALL 8" D3034 STORM DRAIN PIPE AND TRENCH PER CITY OF BEND STD DWG R-10.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. UTILITY TO BE RELOCATED BY OTHERS.
12. NOT USED.
13. NOT USED.
14. NOT USED.
15. NOT USED.

GENERAL NOTES

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITY STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER DIMENSIONS OF ALL EXISTING UTILITY STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
2. COMPRESSED NATURAL GAS (CNG) LINES SHOWN ON THE PLAN AND PROFILE, INCLUDING CROSSING LOCATIONS AND ELEVATIONS, ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS AND NOT ON SURVEY DATA.



KR-P-CB-13 TO KR-MH-P-03 STORM PROFILE
SCALE: H: 1" = 10'
V: 1" = 2'

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
STORMWATER PLAN AND PROFILE
DESCHUTES COUNTY, OREGON

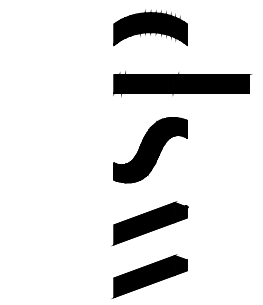


CITY OF BEND

REVISIONS:

1. 2. 3.

WSP USA, Inc.
855 NW Basin St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700



DESIGNED BY: EL
DRAWN BY: EL
SCALE: 1" = 80'
FILE P2-1TBMW/C75/STORM-1.dwg
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

SM5

COB #1GBBA

	1	2	3	4	5	6
A	RETAINING WALL GENERAL NOTES: 1. PROVIDE ALL MATERIALS AND PERFORM ALL WORK ACCORDING TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION 2021 AND THE SUPPLEMENTAL PROJECT SPECIAL PROVISIONS. 2. FOR GEOTECHNICAL DATA SEE "GEOTECHNICAL EXPLORATION REPORT BUTLER MARKET IMPROVEMENTS RETAINING WALLS" BY WALLACE GROUP DATED OCTOBER 17, 2024. 3. DESIGN SHALL BE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (10TH EDITION). 4. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE CITY. 5. TOP COURSE OF DRY CAST MODULAR BLOCK FACING UNITS SHALL CONSIST OF SOLID CAP UNITS. 6. DO NOT BACKFILL WALL UNTIL ALL TRENCHING THAT MAY BE NECESSARY IN FRONT OF THE WALL IS BACKFILLED AND COMPACTED, AND COMPACTED TOE FILL IS IN PLACE TO TOP OF SUBGRADE. 7. THE LOCATION/STATIONING OF STEPS IN THE FOUNDATION MUST MAINTAIN THE COVER SHOWN IN THE PLANS. ANY DEVIATION REQUIRES APPROVAL BY THE ENGINEER. 8. PROVIDE BUFFER OVER UTILITIES BELOW REINFORCED BACKFILL BEHIND WALL TO PROTECT UTILITIES FROM COMPACTING EQUIPMENT. FIELD VERIFY OBSTRUCTIONS PRIOR TO WORKING DRAWING SUBMITTAL. 9. CONTRACTOR SHALL INCLUDE DETAILS TO AVOID UTILITIES IN WORKING DRAWING SUBMITTAL.					
B						
C						
D						
	1	2	3	4	5	6

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2

RETAINING WALL NOTES

DESCHUTES COUNTY, OREGON

1.

2.

3.

REVISIONS:

DESIGNED BY: AD

DRAWN BY: AD

SCALE: NTS

FILE P2-1TBMW-S01-WALL-NOTES.dwg

WSP USA, Inc.

856 NW Bond St.

Suite 220

Bend, OR 97703

Tel: 1 541 640 4700

WSP

06/2026

0 1"

BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

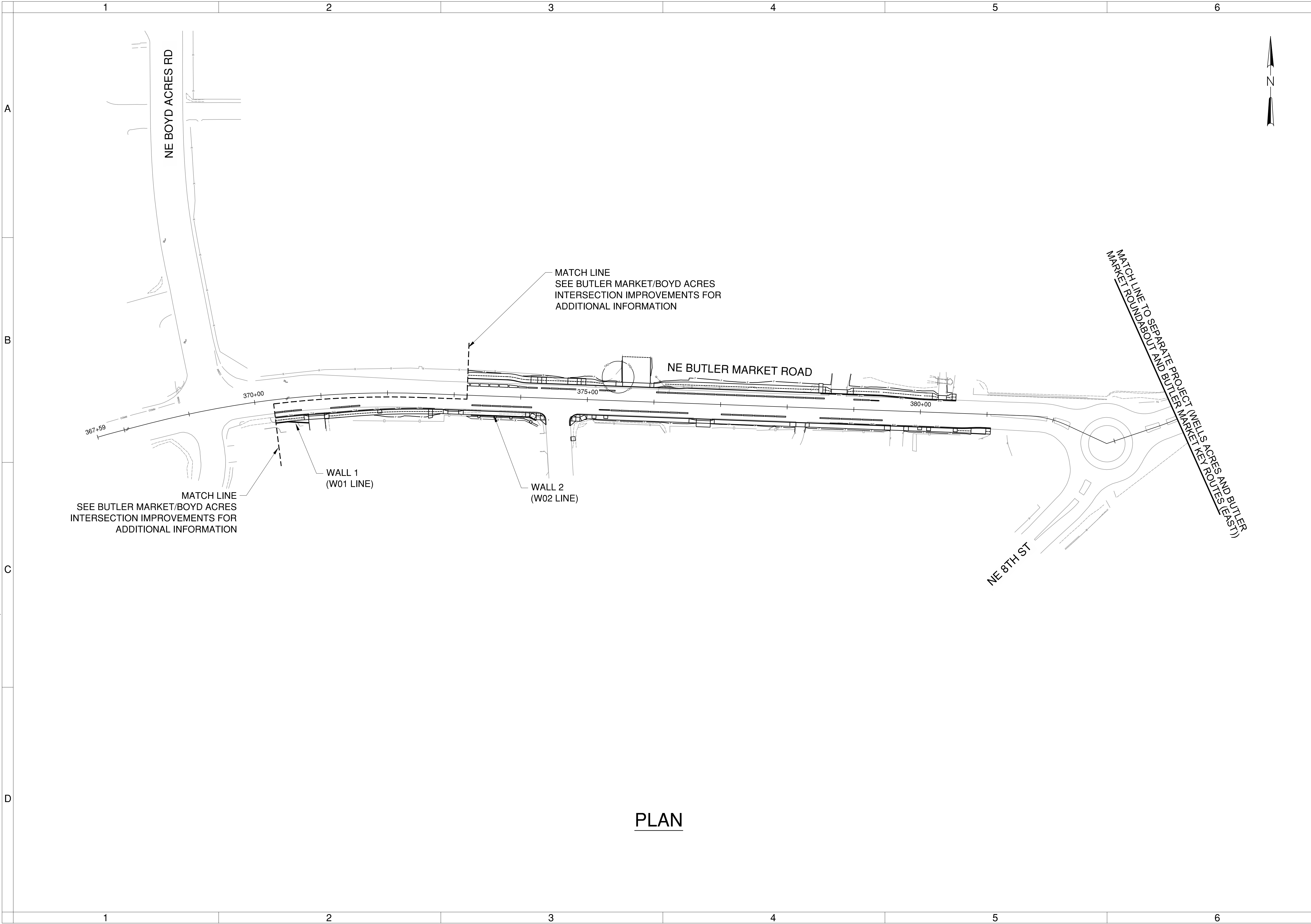
RW1

COB #1GBBA

VERIFY SCALES

CITY OF BEND

P2-1TBMV-S02-WALL-KEY Plt Date: 6/19/2026 11:30 AM Saved Date: 4/27/2026 2:02 PM User: Crawford, Oliver



100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2

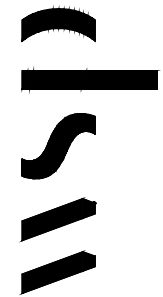
RETAINING WALL KEY PLAN
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:
1. _____
2. _____
3. _____

WSP USA, Inc.
855 NE Bend St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4700



DESIGNED BY: AD
DRAWN BY: AD
SCALE: NTS
FILE: P2-1TBMV-S02-WALL-KEY.dwg
DATE: 06/2026

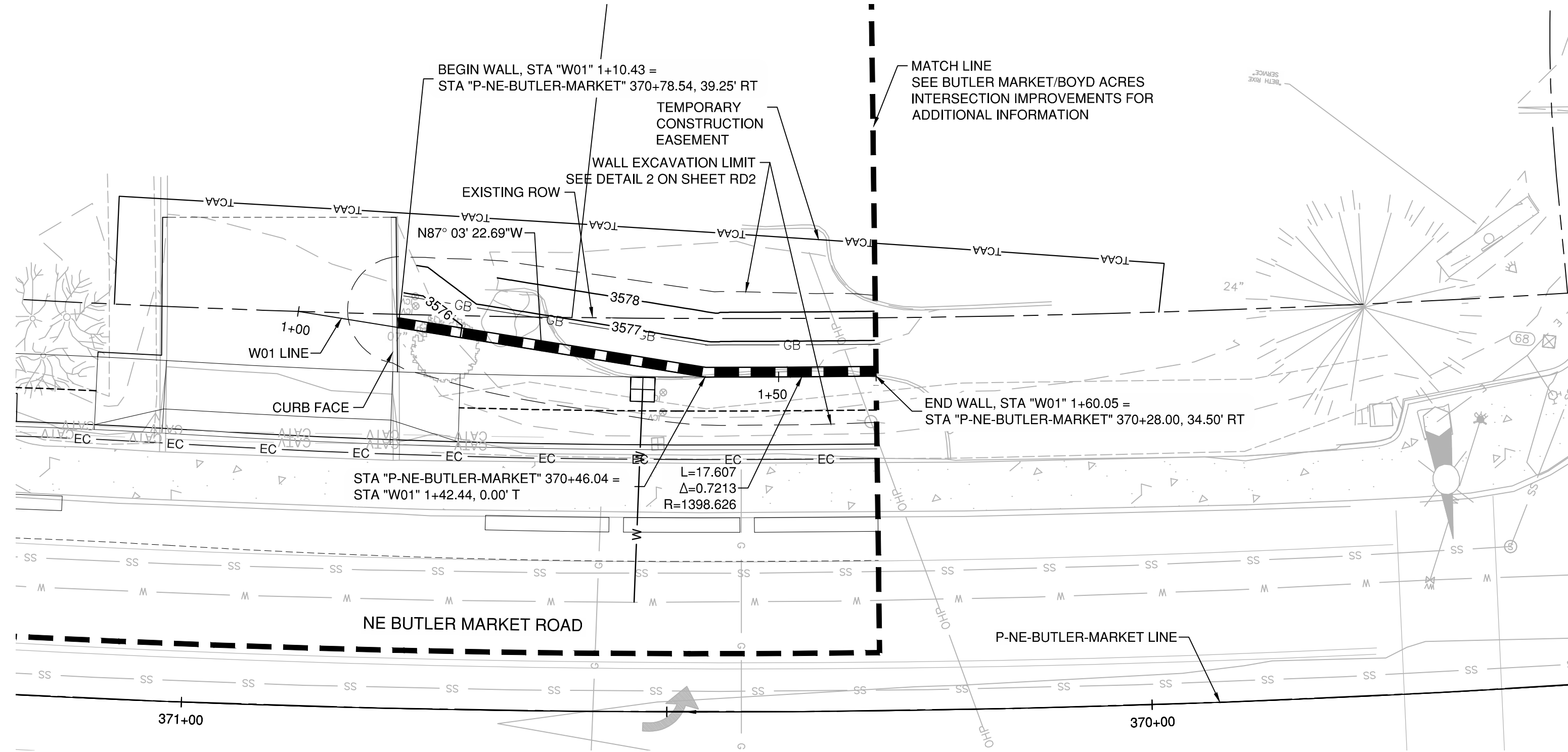
VERIFY SCALES
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

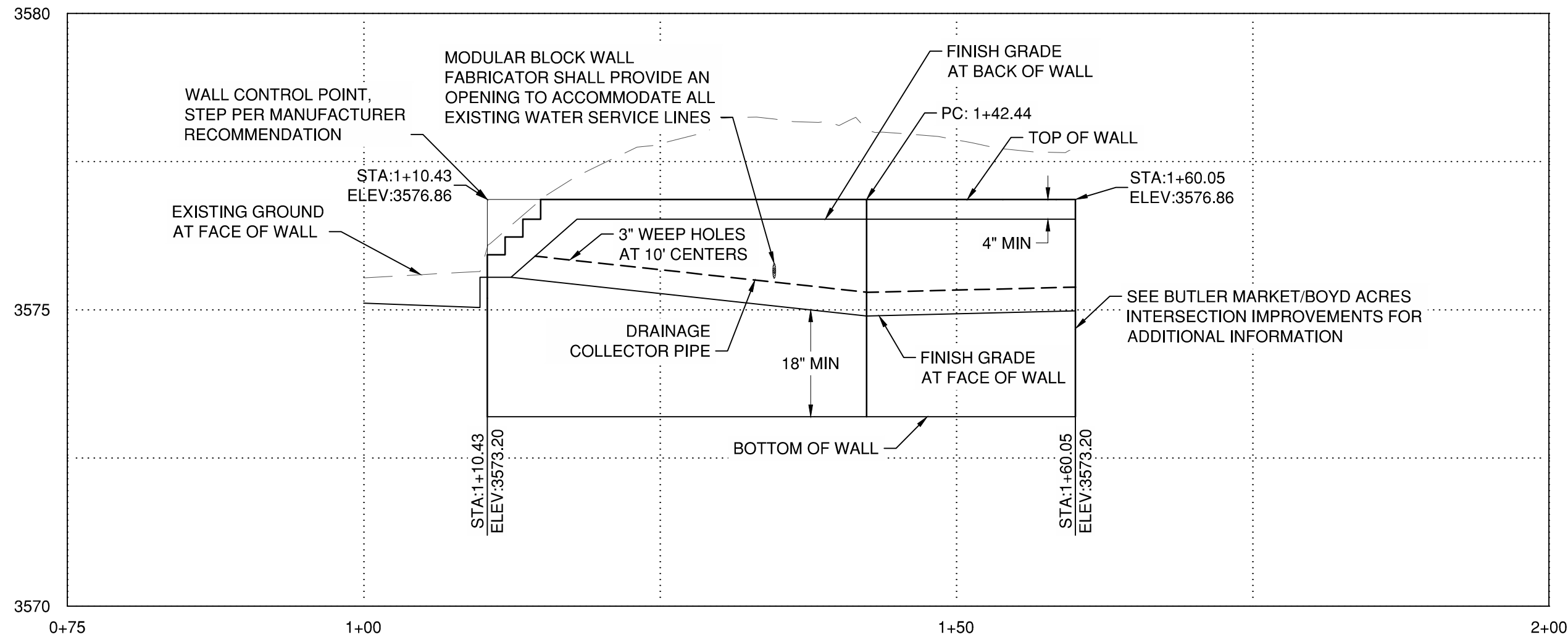
RW2

COB #1GBBA

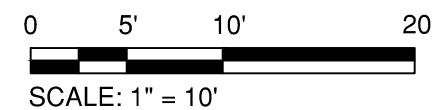
P2-1TBMW/S03 WALL-PLANPROFILE-P1 Plot Date: 6/18/2026 11:30 AM Saved Date: 6/11/2026 9:01 AM User: Crawford, Oliver



1 W01 RETAINING WALL PLAN
RW3 SCALE: 1" = 10'



W01 RETAINING WALL ELEVATION
VERT SCALE: 1" = 2'
HORZ SCALE: 1" = 10'



GENERAL NOTES:

- SEE SHEET RD2 FOR WALL SECTIONS, DRAINAGE DETAILS, AND WEEP HOLE DETAILS.
- SEE SPECIAL PROVISIONS 00596B FOR GEOTECHNICAL REQUIREMENTS.

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
RETAINING WALL PLANS
DESCHUTES COUNTY, OREGON

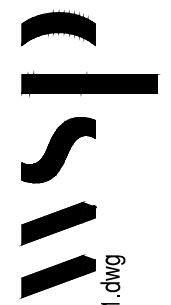


CITY OF BEND

REVISIONS:

1.	
2.	
3.	

WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1 541 640 4700



DESIGNED BY: AD
DRAWN BY: AD
SCALE: 1" = 10'
FILE P2-1TBMW/S03 WALL-PLANPROFILE-P1.dwg
DATE: 06/2026

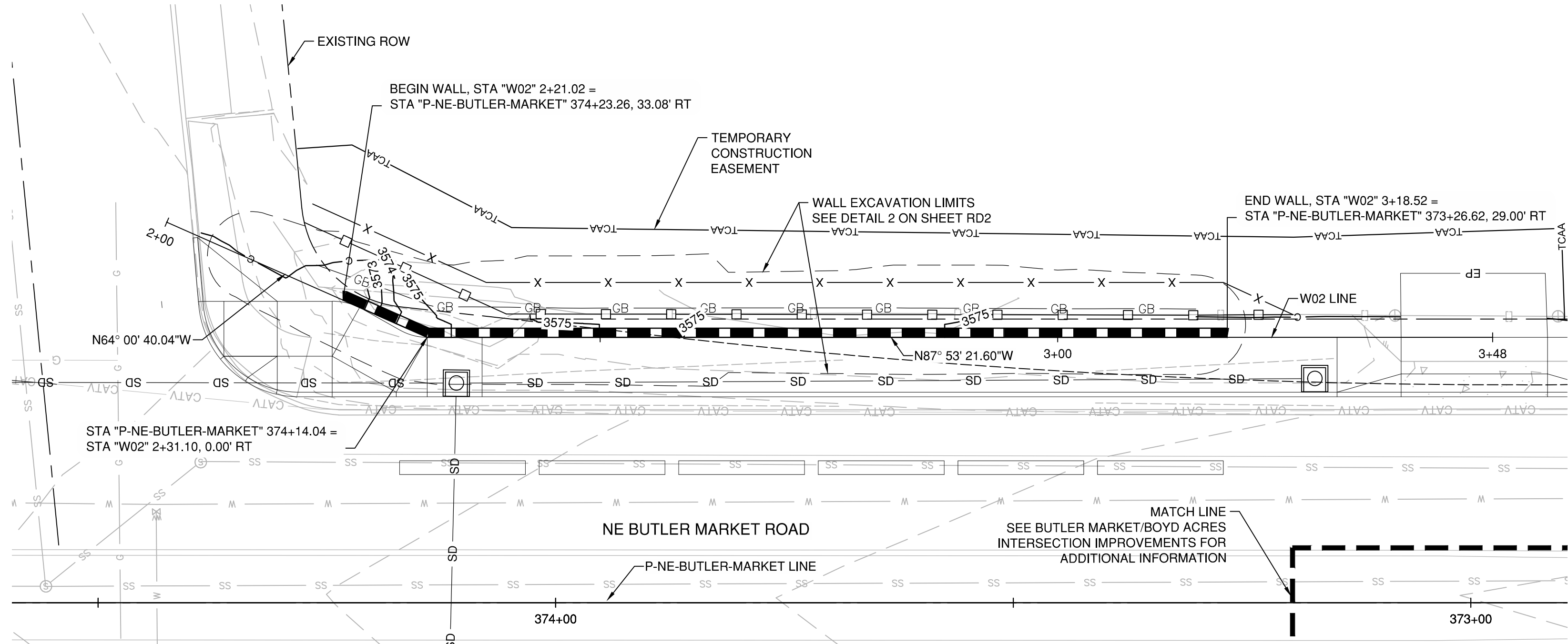
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

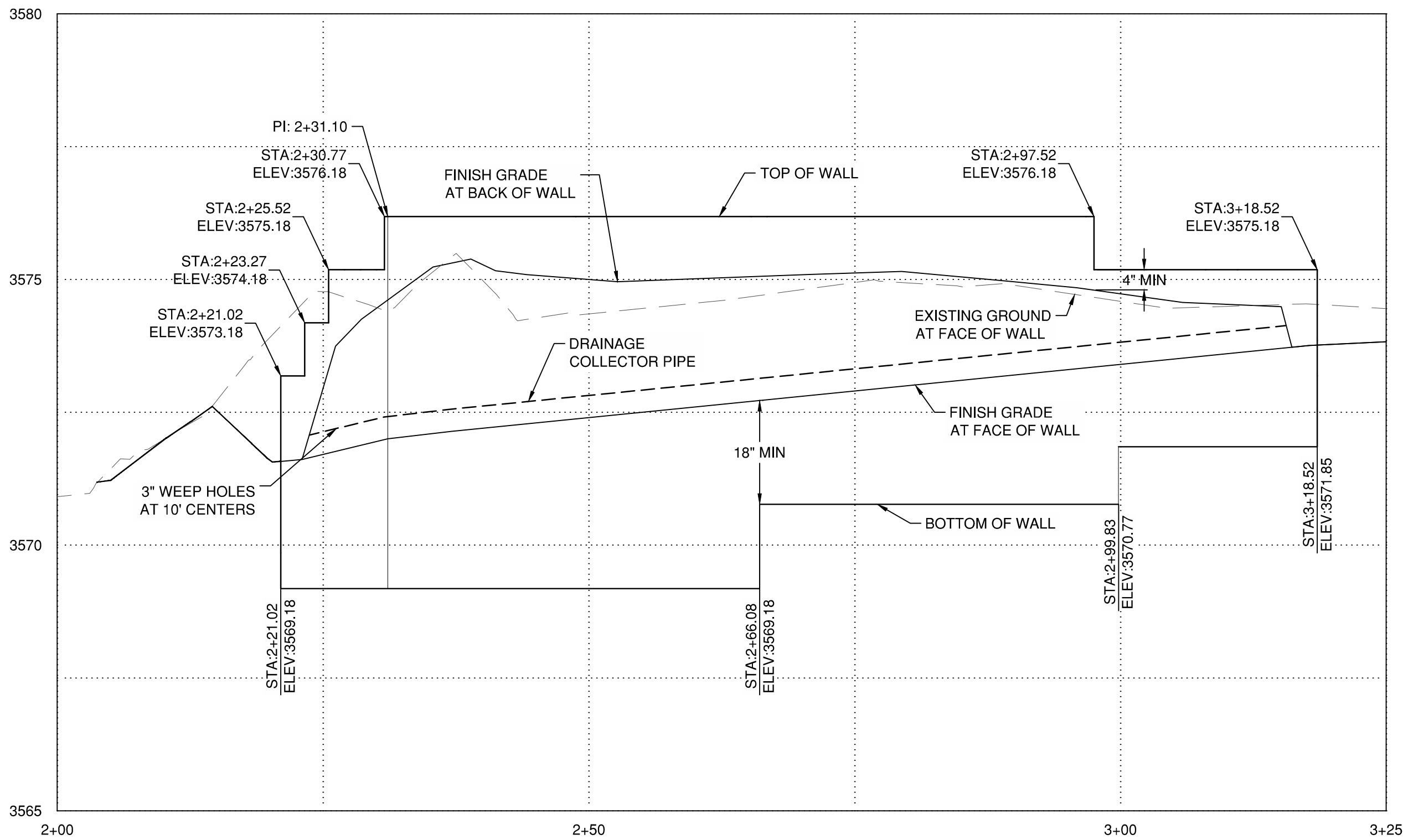
RW3

COB #1GBBA

P2-1TBMV-S04-WALL-PLANPROFILE-P2 Plot Date: 6/18/2026 11:31 AM Saved Date: 6/11/2026 9:01 AM User: Crawford, Oliver



1 W02 RETAINING WALL PLAN
RW4 SCALE: 1" = 10'



W02 RETAINING WALL ELEVATION
VERT SCALE: 1" = 2'
HORZ SCALE: 1" = 10'

GENERAL NOTES:

- SEE SHEET RD2 FOR WALL SECTIONS, DRAINAGE DETAILS, AND WEEP HOLE DETAILS.
- SEE SPECIAL PROVISIONS 00596B FOR GEOTECHNICAL REQUIREMENTS.

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
RETAINING WALL PLANS
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

1. _____
2. _____
3. _____

WSP USA, Inc.
855 NW Baseline St.
Suite 220
Bend, OR 97703
Tel: 1.541.640.4700

WSP

DESIGNED BY: AD
DRAWN BY: AD
SCALE: 1" = 10'
FILE P2-1TBMV-S04-WALL-PLANPROFILE-P2.dwg
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

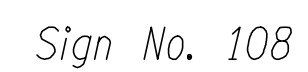
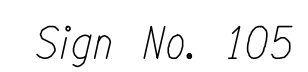
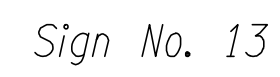
SHEET:

RW4

COB #1GBBA

COB # 1GBBA

PROPOSED SIGNS



BUTLER MARKET IMPROVEMENTS

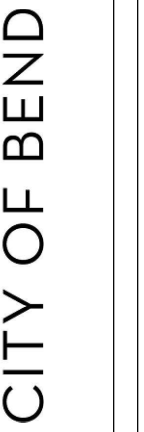


BEND, OR 97702
 P 541.312.8300

VERIFY SCALES
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

OB # 1GBBA

[illegible]



**KITTELSON
& ASSOCIATES**

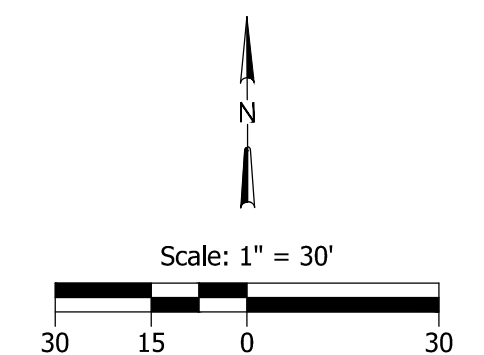
1001 SW EMKAY DRIVE, Suite 140

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

ST4

COB # 1GBBA



ILL-0-Illumination-27578-Boyd-8th Plot Date: 6/10/2026 3:58 PM Saved Date: 6/10/2026 3:39 PM User: Kade Schmidt

	1	2	3	4	5	6	
A	LEGEND XX Light number (XX), see "Street Light Schedule". FDN PP Install Pacific Power approved foundation for street light pole. Foundation shall be Utility Vault precast concrete (part 5CL-LB), or approved equal. Contractor to coordinate bolt circle, bolt projection and bolt size with Pacific Power. LP PP Pacific Power to furnish and install new Pacific Power approved street light. See "Street Light Pole Schedule". JB PP Install junction box furnished by Pacific Power. PL Install poly pull line (500# minimum strength). S Install (S) inch electrical grade Sch 40 PVC conduit. SW X Install illumination pole (X=feet) from edge of sidewalk (SW) PS Power service location. Coordinate with Pacific Power. RX LP Remove existing luminaire on utility pole.						A
B							B
C	GENERAL NOTES 1. All illumination related work other than pole foundations shall be paid for at the contract price for "Switching, conduit, and wiring - Lump Sum." 2. Foundations, junction boxes, and conduit shall be installed at locations shown on plans. If conflicts arise, foundation, junction box, and conduit locations may be modified in the field per City approval. All lighting equipment must be placed within the right-of-way. Place conduit in same trench as other conduits whenever possible. 3. Location of all existing utilities shall be verified prior to beginning any work. Coordinate all work with utility companies to eliminate conflicts. 4. Final light pole location(s) shall be approved in the field by the City prior to foundation installation. 5. This illumination plans set is accompanied by Oregon Standard Drawing TM472 and City of Bend Standard Drawings R-10. 6. All conduit elbows shall be factory made and be long radius 36". For conduit runs longer than 150' or containing more than 270 degrees of bends, elbows shall be fiberglass. 7. All construction, workmanship, and materials shall be in accordance with the current edition of the City of Bend Public Improvement Construction Procedure Standard and Specifications, and Pacific Power electric service requirements. 8. All proposed street lighting junction boxes, conduits, pull ropes, and concrete foundations shall be installed by contractor per Pacific Power requirements. 9. All street light poles, luminaire arms, luminaires, lamps, and wiring shall be furnished and installed by Pacific Power. All junction boxes shall be furnished by Pacific Power and installed by the contractor. 10. Contractor to coordinate with Pacific Power ten (10) business days in advance of commencing illumination work. Brooke Berry at 760-504-5996 at Pacific Power. 11. All conduit runs shall be approved by Pacific Power before backfill.						C
D							D
	1	2	3	4	5	6	

TABLE 1

No.	S.I. No.	Description
1	6146906	Rod, ground, 5/8" x 8'
2	6628101	Conduit, Sch 40 PVC, 1"
3	6204200	Bolt, anchor, 1" x 36' with 4" hook, galvanized
4	0293365	Concrete, 5 Bag Mix
5	4518007	Conductor, #6 Copper
6	6113807	Ground Rod Clamp
7	7991349	Pre-cast Concrete Base, 14" x 14" x 60", 750 lbs.

5

6

2

1

3

7

9"

31"

17"

60"

24"

CONDUIT ENTRANCE (4 PLACES)

CONDUIT BLOCKOUT-ENTRANCE (4 PLACES)

7-3/4"

5'-0"

1'-2"

1'-2"

LAMP POLE FOOTING #5CL-LB 750 LBS.

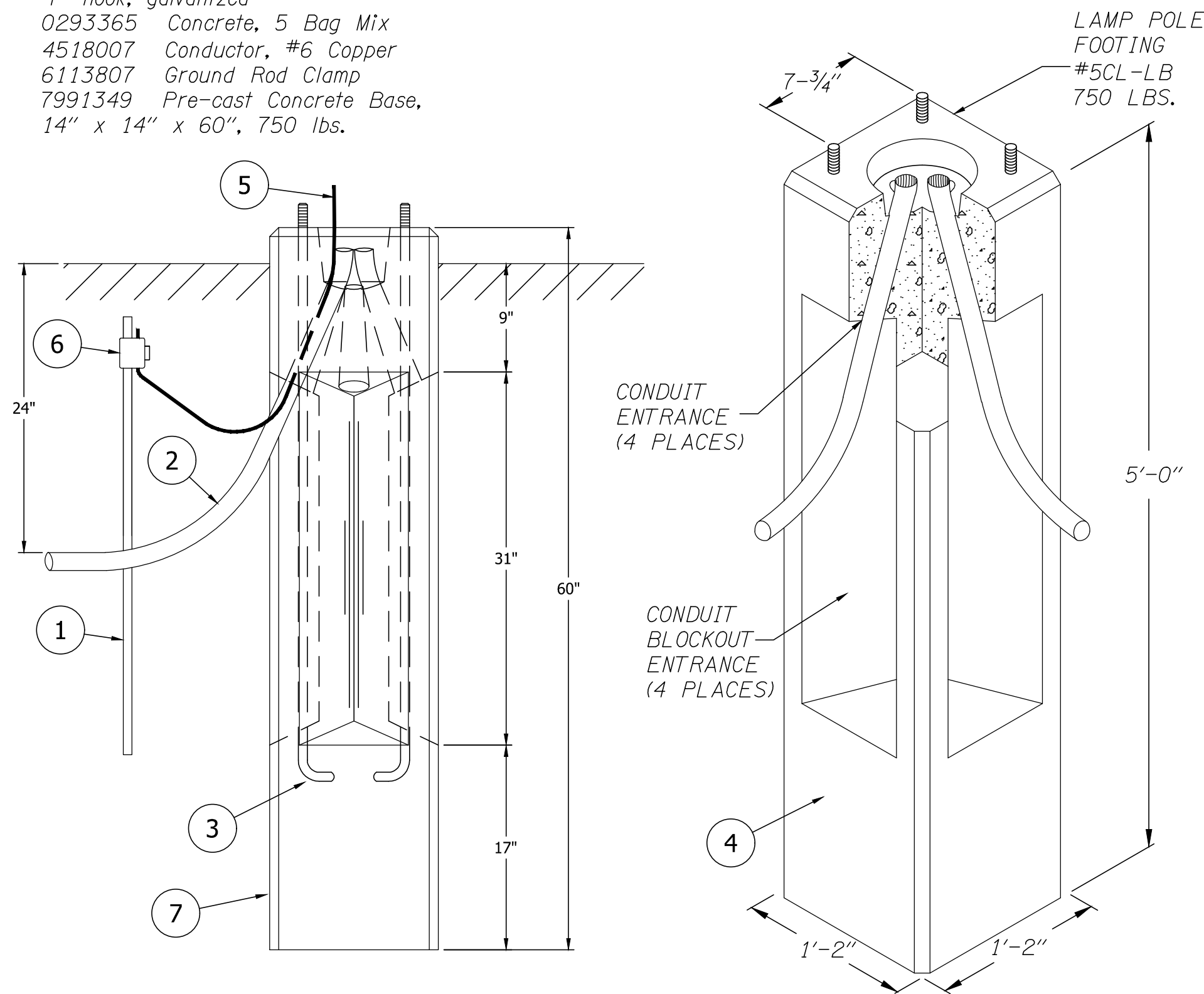
PACIFIC POWER STREET LIGHT POLE FOUNDATION DETAIL

GENERAL NOTES

- All illumination related work other than pole foundations shall be paid for at the contract price for "Switching, conduit, and wiring - Lump Sum."
- Foundations, junction boxes, and conduit shall be installed at locations shown on plans. If conflicts arise, foundation, junction box, and conduit locations may be modified in the field per City approval. All lighting equipment must be placed within the right-of-way. Place conduit in same trench as other conduits whenever possible.
- Location of all existing utilities shall be verified prior to beginning any work. Coordinate all work with utility companies to eliminate conflicts.
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TABLE 1

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5	4518007	Conductor, #6 Copper
6	6113807	Ground Rod Clamp
7	7991349	Pre-cast Concrete Base, 14" x 14" x 60", 750 lbs.



PACIFIC POWER STREET LIGHT POLE FOUNDATION DETAIL

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS

PHASE 2

ILLUMINATION PLAN

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:



1001 SW EMKAY DRIVE, Suite 140
BEND, OR 97702
P 541.372.8300

DESIGNED BY: JCM
DRAWN BY: CHF
SCALE: AS SHOWN
FILE: ILL-0-Illumination-27578-Boyd-8th.dwg
DATE: 06/2026

VERIFY SCALES

0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:

IL1

COB # 1GBBA

12/06/2026 5:45 AMPlot Date: 6/12/2026 5:45 AMUser: Jamie Markosian

IL10-Illumination-27578-Boyd-8th

12/06/2026 8:50 AMSaved Date: 6/11/2026 8:50 AM

	1	2	3	4	5	6																												
A	INTERSECTION LIGHT LEVEL SUMMARY <table><thead><tr><th>INTERSECTION</th><th>CLASSIFICATION, PEDESTRIAN CONFLICT</th><th></th><th>LIGHT LEVEL</th><th>UNIFORMITY</th><th>Vertical Illuminance*</th><th>LIGHT LOSS FACTOR</th><th>BUG RATING</th></tr></thead><tbody><tr><td rowspan="2">NE BUTLER MARKET RD/ NE RAVENWOOD DR INTERSECTION</td><td rowspan="2">MAJOR TYPE I/ LOCAL, LOW</td><td>Target</td><td>≥ 1.3 fc</td><td>≤ 3.0 : 1</td><td>≥ 1.2 fc</td><td rowspan="2">0.85</td><td rowspan="2">B2 U0 G2</td></tr><tr><td>Design</td><td>1.5 fc</td><td></td><td>1.5 fc</td></tr></tbody></table> *Average for all approaches						INTERSECTION	CLASSIFICATION, PEDESTRIAN CONFLICT		LIGHT LEVEL	UNIFORMITY	Vertical Illuminance*	LIGHT LOSS FACTOR	BUG RATING	NE BUTLER MARKET RD/ NE RAVENWOOD DR INTERSECTION	MAJOR TYPE I/ LOCAL, LOW	Target	≥ 1.3 fc	≤ 3.0 : 1	≥ 1.2 fc	0.85	B2 U0 G2	Design	1.5 fc		1.5 fc	A							
INTERSECTION	CLASSIFICATION, PEDESTRIAN CONFLICT		LIGHT LEVEL	UNIFORMITY	Vertical Illuminance*	LIGHT LOSS FACTOR	BUG RATING																											
NE BUTLER MARKET RD/ NE RAVENWOOD DR INTERSECTION	MAJOR TYPE I/ LOCAL, LOW	Target	≥ 1.3 fc	≤ 3.0 : 1	≥ 1.2 fc	0.85	B2 U0 G2																											
		Design	1.5 fc		1.5 fc																													
B							B																											
C	LIGHT POLE SCHEDULE <table><thead><tr><th>POLE NO.</th><th>STREET</th><th>STATION</th><th>LUMINAIRE ARM LENGTH (FT)</th><th>LAMP</th><th>LUMINAIRE MOUNTING HEIGHT (FT)</th><th>TYPE</th><th>WATTAGE</th><th>NOTES</th></tr></thead><tbody><tr><td>1</td><td>BUTLER MARKET ROAD</td><td>374+10</td><td>8'</td><td>LED</td><td>25'</td><td>III</td><td>110 WATTS</td><td>NEW ALLUMINUM POLE BY PACIFIC POWER</td></tr><tr><td>2</td><td>BUTLER MARKET ROAD</td><td>TBD</td><td>8'</td><td>LED</td><td>25'</td><td>III</td><td>110 WATTS</td><td>RELOCATED TIMBER POLE BY PACIFIC POWER</td></tr></tbody></table>						POLE NO.	STREET	STATION	LUMINAIRE ARM LENGTH (FT)	LAMP	LUMINAIRE MOUNTING HEIGHT (FT)	TYPE	WATTAGE	NOTES	1	BUTLER MARKET ROAD	374+10	8'	LED	25'	III	110 WATTS	NEW ALLUMINUM POLE BY PACIFIC POWER	2	BUTLER MARKET ROAD	TBD	8'	LED	25'	III	110 WATTS	RELOCATED TIMBER POLE BY PACIFIC POWER	C
POLE NO.	STREET	STATION	LUMINAIRE ARM LENGTH (FT)	LAMP	LUMINAIRE MOUNTING HEIGHT (FT)	TYPE	WATTAGE	NOTES																										
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2	BUTLER MARKET ROAD	TBD	8'	LED	25'	III	110 WATTS	RELOCATED TIMBER POLE BY PACIFIC POWER																										
D							D																											
	1	2	3	4	5	6																												

100% SUBMITTAL
NOT FOR CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2

ILLUMINATION PLAN
DESCHUTES COUNTY, OREGON

REVISIONS:

DESIGNED BY: JGM

DRAWN BY: CHF

SCALE: AS SHOWN

FILE: IL10-Illumination-27578-Boyd-8th.dwg

1001 SW ENKAY DRIVE, Suite 140
BEND, OR 97702
P 541.312.8300

DATE: 06/2026

VERIFY SCALES

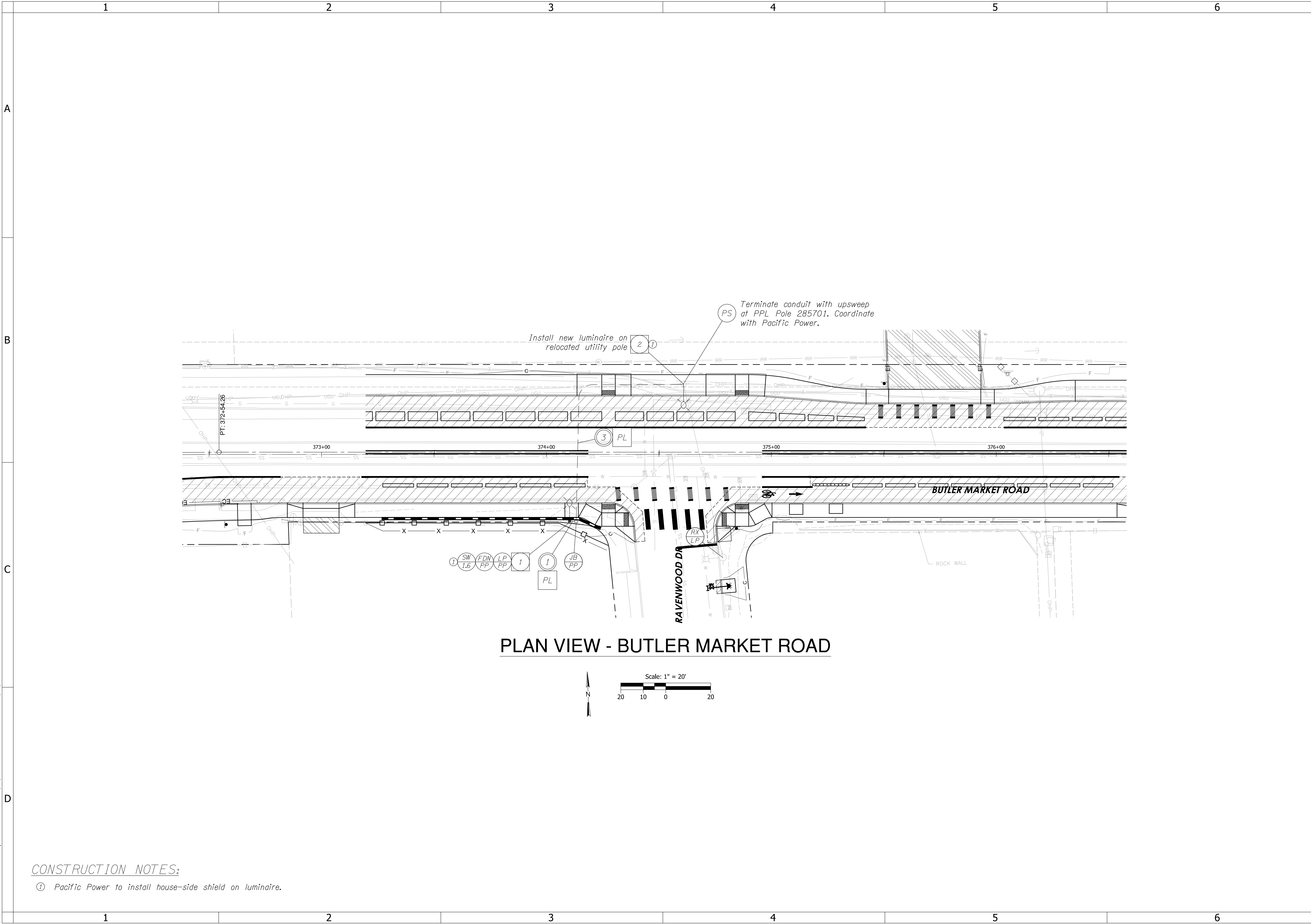
01"BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:

IL2

COB # 1GBBA

ILL-illumination-27578-Boyd-8th Plot Date: 6/10/2026 4:00 PM Saved Date: 6/10/2026 3:39 PM User: Kade Schmidt



PLAN VIEW - BUTLER MARKET ROAD

CONSTRUCTION NOTES:

- ① Pacific Power to install house-side shield on luminaire.

100%
SUBMITTAL
NOT FOR
CONSTRUCTION

BUTLER MARKET IMPROVEMENTS
PHASE 2
ILLUMINATION PLAN
DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

KITTELSON & ASSOCIATES
1001 SW EMKAY DRIVE, Suite 140
BEND, OR 97702
P 541.312.8300

DESIGNED BY: JGM
DRAWN BY: CHF
SCALE: AS SHOWN
FILE: ILL-illumination-27578-Boyd-8th.dwg
DATE: 06/2026

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
IL3

COB # 1GBBA