



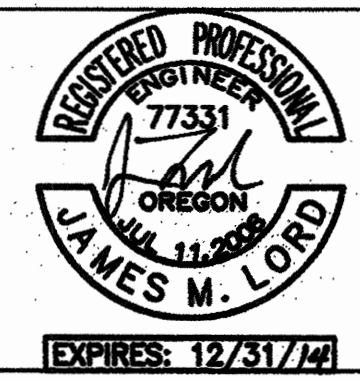
TRANSPORTATION G.O. BOND PROJECTS REED MARKET ROAD 3RD STREET TO NEWBERRY DRIVE

APRIL 2014

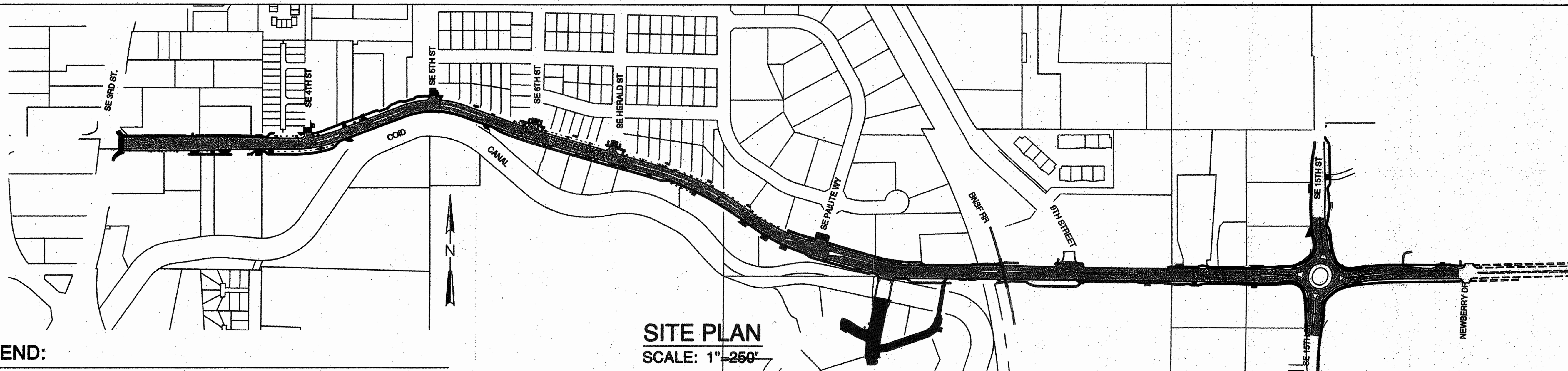
REED MARKET ROAD: 3RD STREET TO NEWBERRY DRIVE ST12CJ

CITY OF BEND, DESCHUTES COUNTY, OREGON

OWNER:
CITY OF BEND
PUBLIC WORKS
575 NE 15TH STREET
BEND, OR 97701
(541) 388-5570



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
COVER
CITY OF BEND, OREGON



SITE PLAN
SCALE: 1"=250'

LEGEND:

	BENCHMARK		CABLE TV
	CATCH BASIN		CANAL
	CLEANOUT		CENTERLINE
	CONCRETE WALK		DITCH (CENTER)
	CONCRETE PAVEMENT		EDGE OF GRAVEL
	CONIFEROUS TREE		EDGE OF PAVEMENT
	CONTROL MON		EASEMENT
	CULVERT		FENCE (OTHER)
	DECIDUOUS TREE		FENCE (STEEL)
	DITCH INLET		FENCE (WOOD)
	DRYWELL		FIBER OPTICS
	GRAVEL		GAS
	GUY WIRE		IRRIGATION
	RAILROAD CROSSING ARM		PROPERTY BOUNDARY
	SANITARY MANHOLE		POWER
	SIGN		POWER (OVERHEAD)
	STORM MANHOLE		RAILROAD
	TELEPHONE MANHOLE		SANITARY SEWER
	TRAFFIC SIGNAL CONTROL BOX		STORM DRAIN
	TRAFFIC SIGNAL W/ MAST ARM		TELEPHONE
	UTILITY POLE		WATER
	WATER FIRE HYDRANT		
	WATER GATE VALVE		
	WATER METER		
	CURB & GUTTER		
	CURB INLET		
	STAMPED TRAFFIC ISLAND		
	SWALE OVERFLOW STRUCTURE		
	CURB CUT		
	TEL CONTROL		
	AC PAVEMENT		

FADED BACK FEATURES ARE EXISTING (EXCEPT FOR FOUND MONUMENTS)

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
11/27/16
Date



APPROVALS:

CITY OF BEND ENGINEER: *James J. England* 4/23/14
NOTE: SIGNATURE DOES NOT GRANT APPROVAL TO COMMENCE CONSTRUCTION

BEND FIRE DEPT: *John Medici* 4/22/14

CASCADE NATURAL GAS: *Donna Norman* 4/22/14

PACIFIC POWER: *Craig M. Stewart* 4-22-14

CENTRAL ELECTRIC COOP: *Jim Bann* 4-23-14

CENTURY LINK: *Josh L. Daig* 4/22/14

BEND BROADBAND: *Jeff James* 4/22/14

AVION WATER: *Wilce Hefner* 4/22/14

REVISIONS:

1. WFB 12.18.15	RECORD DRAWING
2.	
3.	

CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE 1541.322.8562
BEND OFFICE 1541.382.2423 (FAX)
1020 SW BENTLEY DRIVE # 100 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: LJB
SCALE: NO SCALE
FILE: C-00 C-03
DATE: 04/21/2014

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

SHEET:
C-00

COB# ST12CJ

Sheet	Title	Consultant
C-00	Cover	CWE
C-01	Sheet Index	CWE
C-02	Overview Map	CWE
C-03	Construction Notes	CWE
C-04	Typical Sections	CWE
C-05	Typical Sections	CWE
C-06	Typical Sections	CWE
C-07	Typical Sections	CWE
C-08	Typical Sections	HWA
C-09	Typical Sections	HWA
C-10	Typical Sections	HWA
C-11	Typical Sections	HWA
C-12	Typical Sections	HWA
C-13	Typical Sections	HWA
C-14	Typical Sections	HWA
C-15	Horizontal Control Plan	CWE
C-16	Horizontal Control Plan	CWE
C-17	Horizontal Control Plan	CWE
C-18	Horizontal Control Plan	CWE
C-19	RMR Horizontal Control Plan	HWA
C-20	15th Horizontal Control Plan	HWA
Demo Plans:		
D-01	RMR Demo Plan, Stations 0+50 to 22+00	CWE
D-02	RMR Demo Plan, Stations 22+00 to 42+00	CWE
D-03	SE AMERICAN LN & SE AMERICAN LOOP Demo Plan	CWE
D-04	RMR Demo Plan, Stations 42+00 to 52+00	HWA
D-05	RMR Demo Plan, Stations 52+00 to 62+00	HWA
D-06	15th Demo Plan	HWA
Standard Details:		
SD-01	Curb Ramp Details	CWE
SD-02	Curb Ramp Details	CWE
SD-03	Curb Ramp Details	CWE
SD-04	Curb Ramp Details	CWE
SD-05	Typical Details	CWE
SD-06	Typical Details	HWA
SD-07	Typical Details	HWA
SD-08	Typical Details	HWA
SD-09	Typical Details	HWA
SD-10	Typical Details	HWA
Plan and Profile Sheets:		
P-01	RMR Plan and Profile, Stations 0+50 to 5+00	CWE
P-02	RMR Plan and Profile, Stations 5+00 to 9+50	CWE
P-03	RMR Plan and Profile, Stations 9+50 to 14+00	CWE
P-04	RMR Plan and Profile, Stations 14+00 to 18+50	CWE
P-05	RMR Plan and Profile, Stations 18+50 to 23+00	CWE
P-06	RMR Plan and Profile, Stations 23+00 to 27+50	CWE
P-07	RMR Plan and Profile, Stations 27+50 to 32+00	CWE
P-08	RMR Plan and Profile, Stations 32+00 to 36+50	CWE
P-09	RMR Plan and Profile, Stations 36+50 to 40+00	CWE
P-10	RMR Plan and Profile, Stations 40+00 to 41+75	CWE
P-11	RMR Plan and Profile, Stations 41+75 to 45+00	HWA
P-12	RMR Plan and Profile, Stations 45+00 to 48+50	HWA
P-13	RMR Plan and Profile, Stations 48+50 to 52+00	HWA
P-14	RMR Plan and Profile, Stations 52+00 to 54+50	HWA
P-15	RMR Plan and Profile, Stations 54+50 to 58+00	HWA
P-16	RMR Plan and Profile, Stations 58+00 to 61+50	HWA
P-17	RMR Plan and Profile, Stations 61+50 to 64+18	HWA
P-18	15th Plan and Profile, Stations 3+50 to 5+50	HWA
P-19	15th Street Plan and Profile, Stations 5+50 to 9+50	HWA
P-20	15th Street Plan and Profile, Stations 9+50 to 12+75	HWA
P-21	15th Street Plan and Profile, Stations 12+75 to 15+50	HWA
P-22	15th Street East Sidewalk Plan & Profile	HWA
P-23	SE 9th Street Plan and Profile, Stations 1+00 to 2+01.91	HWA
P-24	Storm Drain Profiles	HWA
P-25	Storm Drain Profiles	HWA
P-26	4th, 5th & 6th Plan and Profiles	CWE
P-27	Herald St & Paiute Way Plan and Profiles	CWE
P-28	American Ln Plan and Profile, Station 2+50 to 7+50	CWE
P-29	American Loop Plan and Profile, Station 0+50 to 3+00	CWE
P-30	American Loop Plan and Profile, Station 1+00 to 6+43.19	CWE

Roundabout Plans:		
RA-01	Inner Curb Plan and Profile	HWA
RA-02	Northwest Curb Plan and Profile	HWA
RA-03	Northeast Curb Plan and Profile	HWA
RA-04	Southeast Curb Plan and Profile	HWA
RA-05	Southwest Curb Plan and Profile	HWA
Grading and Drainage Plans:		
G-01	RMR Grading and Drainage Plans, Stations 1+00 to 20+00	CWE
G-02	RMR Grading and Drainage Plans, Stations 20+00 to 31+00	CWE
G-03	RMR Grading and Drainage Plans, Stations 31+00 to 42+00	CWE
G-04	ALn & ALp Grading and Drainage Plan	CWE
G-05	RMR Grading and Drainage Plan, Stations 42+00 to 52+00	HWA
G-06	RMR Grading and Drainage Plan, Stations 52+00 to 62+00	HWA
G-07	15th Grading and Drainage Plan, Stations 4+00 to 15+00	HWA
Concrete Jointing Plans:		
J-01	RMR Jointing Plan	CWE
J-02	RMR Jointing Plan	CWE
J-03	RMR Jointing Plan	CWE
J-04	RMR Jointing Plan	HWA
J-05	15th Jointing Plan	HWA
Signing and Striping Plans:		
SS-01	RMR Signing and Striping Plan, Stations 1+00 to 18+00	CWE
SS-02	RMR Signing and Striping Plan, Stations 18+00 to 35+00	CWE
SS-03	RMR Signing and Striping Plan, Stations 35+00 to 42+25+	CWE
SS-04	ALn & ALp Signing and Striping Plan	CWE
SS-05	RMR Signing and Striping Plan	HDR
SS-06	RMR Signing and Striping Plan	HDR
SS-07	15th Signing and Striping Plan	HDR
SS-08	Intersection Signing and Striping Plan	HDR
Bridge Structure Details:		
S-01	American Lane Bridge-Plan & Elevation	HDR
S-02	American Lane Bridge-General Notes	HDR
S-03	American Lane Bridge-Foundation Data	HDR
S-04	American Lane Bridge-Footing Plan	HDR
S-05	American Lane Bridge-Deck Plan	HDR
S-06	American Lane Bridge-Deck Details	HDR
S-07	American Lane Bridge-Typical Sections	HDR
S-08	American Lane Bridge-Precast Box Schedule	HDR
S-09	American Lane Bridge-Bent 1 Plan & Elevation	HDR
S-10	American Lane Bridge-Bent 2 Plan & Elevation	HDR
S-11	American Lane Bridge-Bent Details	HDR
S-12	American Lane Bridge-Bent 1 Wingwalls	HDR
S-13	American Lane Bridge-Bent 2 Wingwalls	HDR
S-14	American Lane Bridge-Bridge Rail Details	HDR
Retaining Wall Details:		
W-01	NW Retaining Wall-Plan & Elevation	HDR
W-02	NW Wall Details	HDR
W-03	SE Retaining Wall -Plan & Elevation	HDR
W-04	SE Wall Details	HDR
Traffic Signal Plans:		
TS-01	Signal Plan Legend	DKS
TS-02	Signal Modification Plan	DKS
TS-03	Signal Plan	DKS
TS-04	Dectector Plan	DKS
TS-05	Existing Utility Plan Reed MRKT and American Ln.	DKS
TS-06	Signal Removal Plan Reed MRKT and 15th St.	DKS
TS-07	Interconnect Plan	DKS
TS-08	Interconnect Plan	DKS
TS-09	Interconnect Plan	DKS
TS-10	Flasher Details	DKS
TS-11	Pole Entrance Chart	DKS
TS-12	Railroad Interconnect System	DKS

ODOT STANDARD DRAWINGS	
Sheet	Title
RD308	BORE CASING DETAIL
RD324	SAFETY END SECTION FOR CONCRETE, PVC, HDPE AND POLYPROPYLENE PIPE
RD370	DITCH INLET TYPE D
RD371	CONCRETE INLET BASE TYPE CG-3
RD372	CONCRETE INLET TOP, OPTION 1 TYPE CG-3
RD815	CHAIN LINK FENCE
DET 1600	PORTLAND CEMENT CONCRETE PAVEMENT
BR 165	BRIDGE END PANEL
BR 220	FLUSH MOUNTED COMBINATION BRIDGE RAIL
BR 223	COMBINATION RAIL
BR 246	PEDESTRIAN RAIL
BR 430	39" PRECAST PRESTRESSED BOX
BR 445	PRECAST & PRESTRESSED BOXES AND SLAB DETAILS
RD 100	MAILBOX SUPPORT
RD 101	MAILBOX INSTALLATION
RD 700	CURBS
RD 705	ISLANDS
RD 445	GUARDRAIL INSTALLATION AT R.R. GRADE CROSSING
TM 840	CLOSURE DETAILS

Landscaping Plans:		
LA-01	Landscape Details	DEA
LA-02	Landscape Details	DEA
LA-03	Landscape Plans Reed MRKT 0+50 to 14+00	DEA
LA-04	Landscape Plans Reed MRKT 14+00 to 26+00	DEA
LA-05	Landscape Plans Reed MRKT 26+00 to 36+00	DEA
LA-06	Landscape Plans Reed MRKT 36+00 to 41+90	DEA
LA-07	Landscape Plans Reed MRKT 41+90 to 54+85	DEA
LA-08	Landscape Plans Reed MRKT and 15th St. Roundabout	DEA
Traffic Control Plans:		
T-01	Traffic Control Plans	HWA
T-02	Traffic Control Phasing Plan	HWA
T-03	Traffic Control Plans	HWA
T-04	Traffic Control Plans Stage 1	CWE
T-05	Traffic Control Plans Stage 1	CWE
T-06	Traffic Control Plans Stage 2	CWE
T-07	Traffic Control Plans Stage 2	CWE
T-08	15th Street Traffic Control Plans	HWA
T-09	Roundabout Traffic Control Plans	HWA
Illumination Plans:		
IL-01	Illumination Plan	DKS
IL-02	Illumination Plan	DKS
IL-03	Illumination Plan	DKS
IL-04	Illumination Plan	DKS
IL-05	Illumination Details	DKS

C.O.B. STANDARD DRAWINGS	
SHEET	TITLE
R-3	CONCRETE CURB
R-4A	SIDEWALK, SETBACK
R-4B	SIDEWALK, CURB TIGHT
R-5A	DRIVEWAYS, WITH SETBACK SIDEWALK
R-5B	DRIVEWAYS, WITH CURB TIGHT SIDEWALK
R-6A	TYPICAL PERPENDICULAR CURB RAMP
R-6B	TYPICAL PARALLEL CURB RAMP
R-7	STANDARD STREET SIGN SUPPORTS
R-7A	REMOVABLE POST AND MARKINGS
R-8	STANDARD STREET SIGN NAMES
R-9	STANDARD STREET SIGN PLACEMENT
R-10	TRENCH IN EXISTING PAVEMENT
R-11	TRENCH IN UNIMPROVED AREAS
R-14	STANDARD CATCH BASIN DOUBLE
R-25	MEDIAN END DETAIL
R-40	PAVEMENT MARKINGS
R-41	PAVEMENT MARKINGS
R-42	PAVEMENT MARKINGS
R-43	PAVEMENT MARKINGS
S-1	PROFILE OF TYPICAL SEWER MAIN INSTALLATION
S-2	GRAVITY SEWER SERVICES
S-3A	STANDARD SEWER MANHOLE RING & COVER (2603C COVER)
S-3B	STANDARD SEWER MANHOLE
S-4	STANDARD OUTSIDE DROP MANHOLE
STRM-2	VEGETATED SWALE DETAIL
STRM-3	TYPICAL SWALE LAYOUT
STRM-7	STORMWATER SEDIMENTATION MANHOLE
STRM-8	STORMWATER MANHOLE LID DETAIL
W-1	WATER MAIN TYPICAL PROFILE
W-4	RESIDENTIAL WATER SERVICE INSTALLATION
W-4A	3/4" - 1" RESIDENTIAL METER SERVICE INSTALLATION
W-4B	3/4" - 1" RESIDENTIAL METER SERVICE INSTALLATION
W-7	TYPICAL HYDRANT
W-8	HYDRANT LOCATION
W-10A	2" STANDARD AIR RELEASE VALVE
R-18A	LOCAL CLUSTER POSTAL DELIVERY BOX
R-18E	SINGLE UNIT DELIVERY BOX BASE
R-18F	DELIVERY BOX SIDEWALK
E-1	SEDIMENT FENCE DETAIL
E-2	INLET PROTECTION
E-3	TREE/VEGETATION PROTECTION FENCING
E-6	EROSION BLANKET - CHANNEL INSTALLATION
R-12	PRE-CAST DRYWELL

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
SHEET INDEX
CITY OF BEND, OREGON



REVISIONS:	
1.	WHB 12.18.15 RECORD DRAWING
2.	
3.	

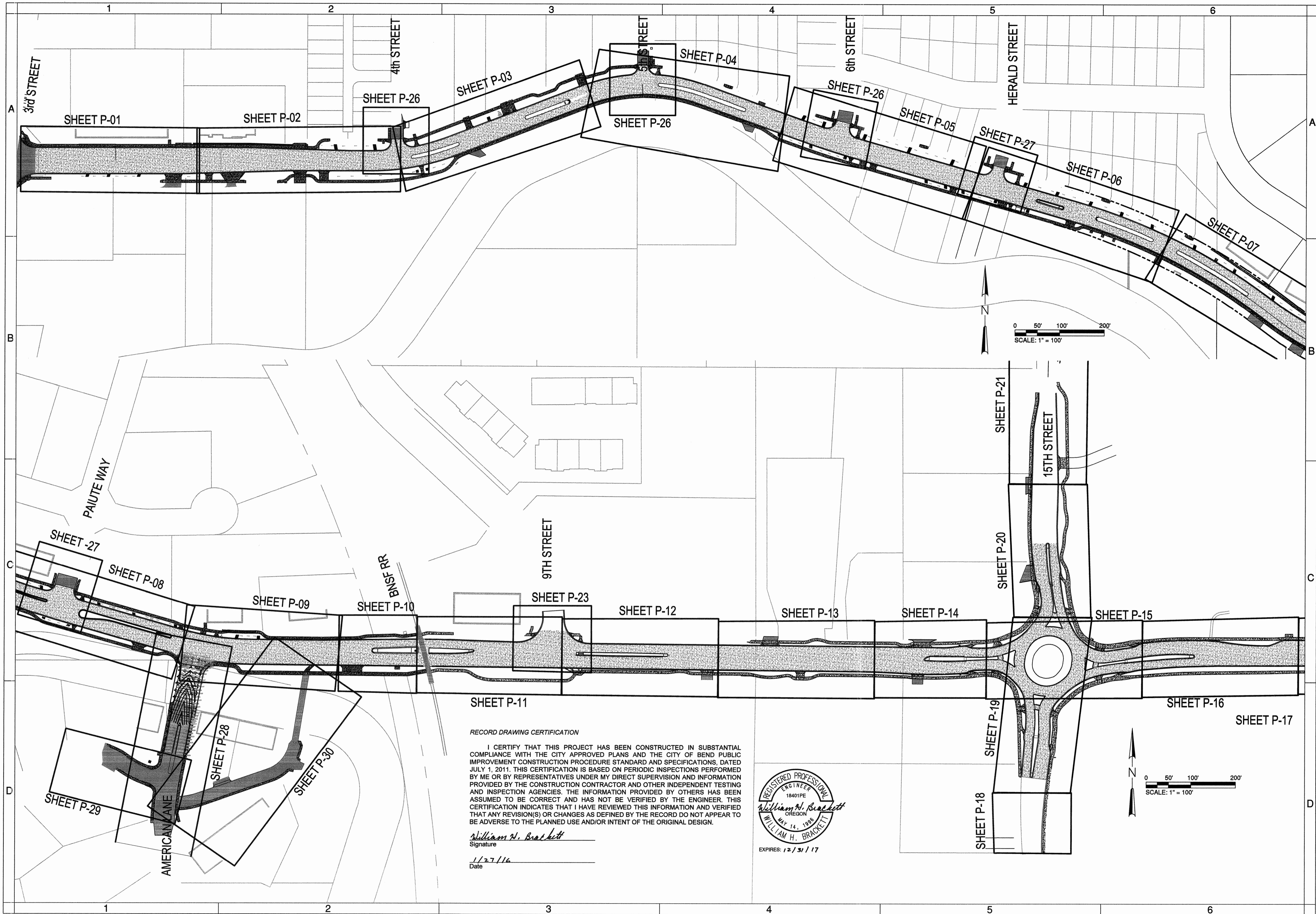
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE 541.322.8862
1020 SW EMKAY DRIVE #100 541.382.2423 (FAX)
BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JUB
SCALE: NO SCALE
FILE: C-00 C-03
DATE: 04/21/2014

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

SHEET:
C-01

COB # ST12CJ



SHEET P-11

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William H. Brackett
 Signature
 1/27/16
 Date



**REED MARKET ROAD
 3RD STREET TO NEWBERRY DRIVE
 OVERVIEW MAP**
 CITY OF BEND, OREGON



REVISIONS:

1.	WHB 12.18.15
2.	RECORD DRAWING
3.	

CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8962
 1020 SW EMKAY DRIVE # 100 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: 1"=100'
 FILE: C-00_C-03
 DATE: 04/21/2014

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

SHEET:
C-02

COB # ST12CJ

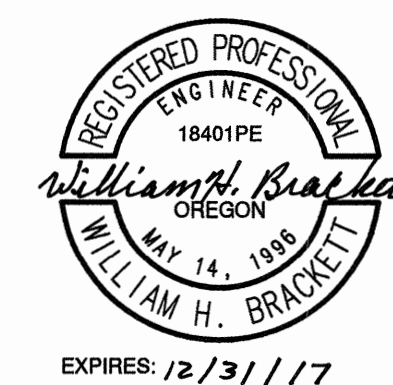
CONSTRUCTION NOTES:

1. NO CONSTRUCTION SHALL BE STARTED WITHOUT A NOTICE TO PROCEED BY THE CITY ENGINEERING DEPARTMENT. THE CITY ENGINEERING DEPARTMENT AND THE DESIGN ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY CONSTRUCTION WORK DONE PRIOR TO NOTICE TO PROCEED BEING ISSUED OR WITHOUT INSPECTION WILL BE REJECTED.
2. 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 CHOOING 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.
3. A CITY INSPECTOR ACTING ON BEHALF OF THE CITY MAY REQUIRE REVISIONS IN PLANS TO SOLVE UNFORESEEN PROBLEMS THAT MAY ARISE IN THE FIELD.
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. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT 1-800-332-2344 AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR THE LOCATION OF POWER, GAS, CABLE TV AND TELEPHONE UNDERGROUND FACILITIES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE PUBLIC AGENCY FOR THE LOCATION OF UNDERGROUND FACILITIES.
6. ALL UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. NO POTHOLING TO VERIFY LOCATIONS AND ELEVATIONS WAS AUTHORIZED BY THE OWNER. THE CONTRACTOR HAS THE TOTAL RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND TO NOTIFY THE UTILITY COMPANIES WHEN WORKING IN THEIR PROXIMITY. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)232-2987.
7. ALL GRADING SHALL BE IN CONFORMANCE WITH THE CURRENT CITY STANDARDS AND SPECIFICATIONS AND CURRENT GRADING ORDINANCE. ALL SUBGRADE MATERIAL SHALL BE CONSIDERED CLASS A AND COMPACTED TO 95% OF OPTIMUM DENSITY. AS SPECIFIED IN THESE PLANS, ALL FILL MATERIAL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION PER THE CITY TESTING REQUIREMENTS.
8. ALL FINAL CUT SLOPES SHALL NOT EXCEED A GRADE OF 2 TO 1 VERTICAL UNLESS OTHERWISE APPROVED. FILL SLOPES SHALL NOT EXCEED A GRADE OF 2 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE APPROVED BY THE ENGINEER.
9. ALL UNSUITABLE SOILS MATERIALS, RUBBISH AND DEBRIS RESULTING FROM GRADING OPERATIONS SHALL BE REMOVED FROM THE JOB SITE AND DISPOSED OF PROPERLY.
10. 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.
11. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATIONS. THE CITY AND DESCHUTES COUNTY AND THEIR OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
12. MATERIAL QUANTITIES USED, NOTED, OR PROVIDED IN A SEPARATE ITEMIZED QUANTITY TAKE-OFF ARE AN ENGINEER'S OPINION OF PROBABLE MATERIAL REQUIREMENTS, AND IS AN ESTIMATE ONLY. CONTRACTOR'S HAVE THE SOLE RESPONSIBILITY OF MAKING THEIR OWN QUANTITY TAKE-OFF AND COST ESTIMATE.
13. ALL WORK SHALL BE PERFORMED BY A CITY APPROVED CONTRACTOR.
14. UTILITIES SHALL HAVE THE RIGHT TO INSTALL, MAINTAIN, AND OPERATE THEIR EQUIPMENT ABOVE AND BELOW GROUND AND ALL OTHER RELATED FACILITIES WITHIN THE PUBLIC UTILITY EASEMENTS (PUE) IDENTIFIED ON THIS PLAT MAP AS MAY BE NECESSARY OR DESIRABLE IN SERVING THE LOTS IDENTIFIED HEREIN, INCLUDING THE RIGHT OF ACCESS TO SUCH FACILITIES AND THE RIGHT TO REQUIRE THE REMOVAL OF ANY OBSTRUCTIONS INCLUDING TREES AND VEGETATION THAT MAY BE PLACED WITH IN THE PUE AT THE LOT OWNERS EXPENSE. AT NO TIME MAY ANY PERMANENT STRUCTURES BE PLACED WITHIN THE PUE OR ANY OTHER OBSTRUCTION WHICH INTERFERES WITH THE USE OF THE PUE WITHOUT PRIOR WRITTEN APPROVAL OF THE UTILITIES AND FACILITIES IN THE PUE.
15. CITY ENGINEER'S SIGNATURE DOES NOT CONSTITUTE APPROVAL OF FACILITIES PROPOSED ON PRIVATE PROPERTY. SEPARATE PERMITS ISSUED BY THE BUILDING DEPARTMENT ARE REQUIRED AND SHALL BE OBTAINED BY THE CONTRACTOR FOR FACILITIES LOCATED OUTSIDE OF THE PUBLIC RIGHT-OF-WAY.
16. ANY WORK WITHIN EXISTING PUBLIC RIGHT-OF-WAY OR DEDICATED CITY EASEMENTS REQUIRES A SEPARATE RIGHT-OF-WAY EXCAVATION PERMIT OBTAINED FROM THE CITY ENGINEERING DIVISION.
17. ALL PORTIONS OF EXISTING IRRIGATION SYSTEMS AFFECTED BY CONSTRUCTION ARE TO BE REPLACED OR REPAIRED TO ORIGINAL OR BETTER CONDITION AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL COORDINATE WORK WITH PROPERTY OWNER.

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BE VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
CONSTRUCTION NOTES**
CITY OF BEND, OREGON



REVISIONS:	1. WHB 12.18.15 RECORD DRAWING	2.	3.
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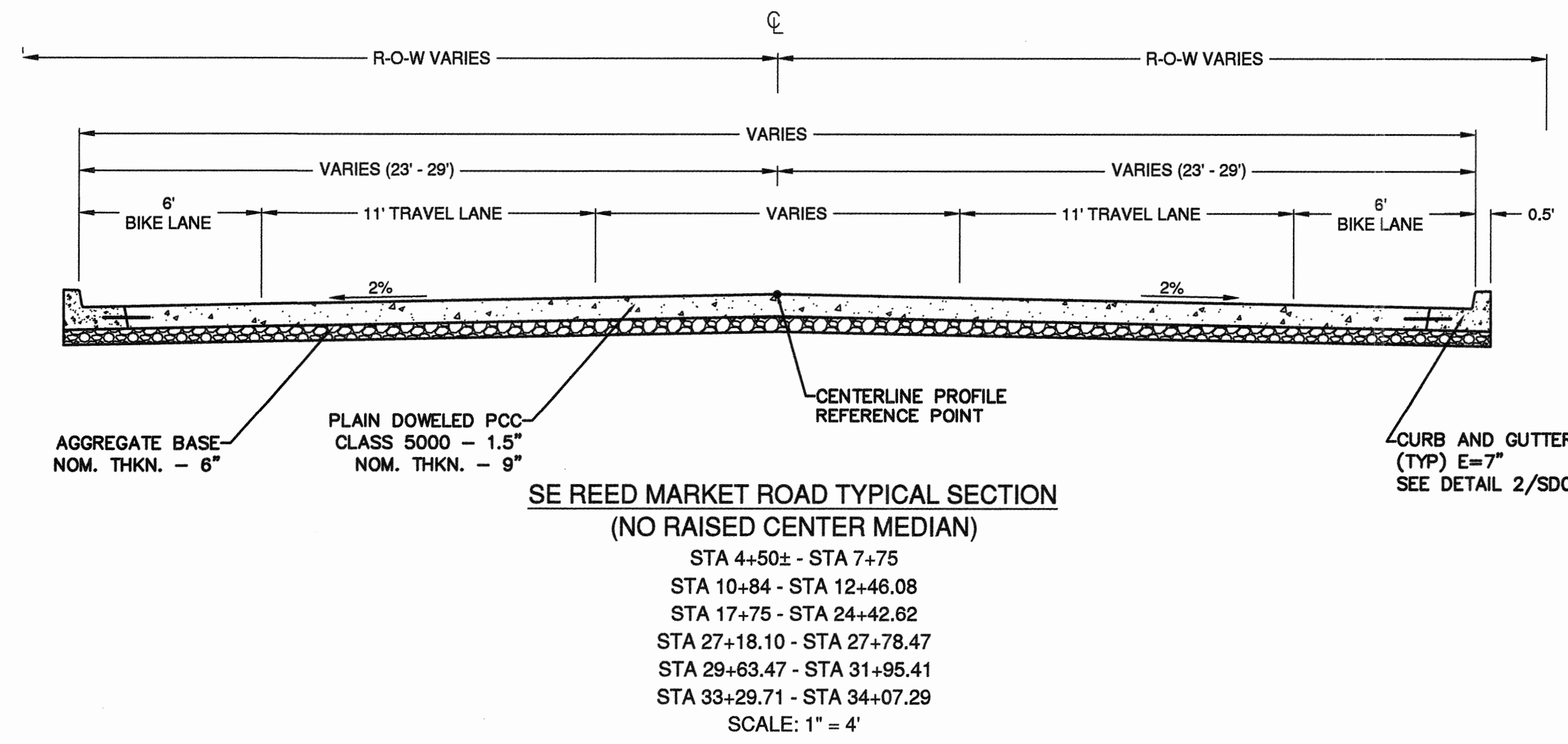
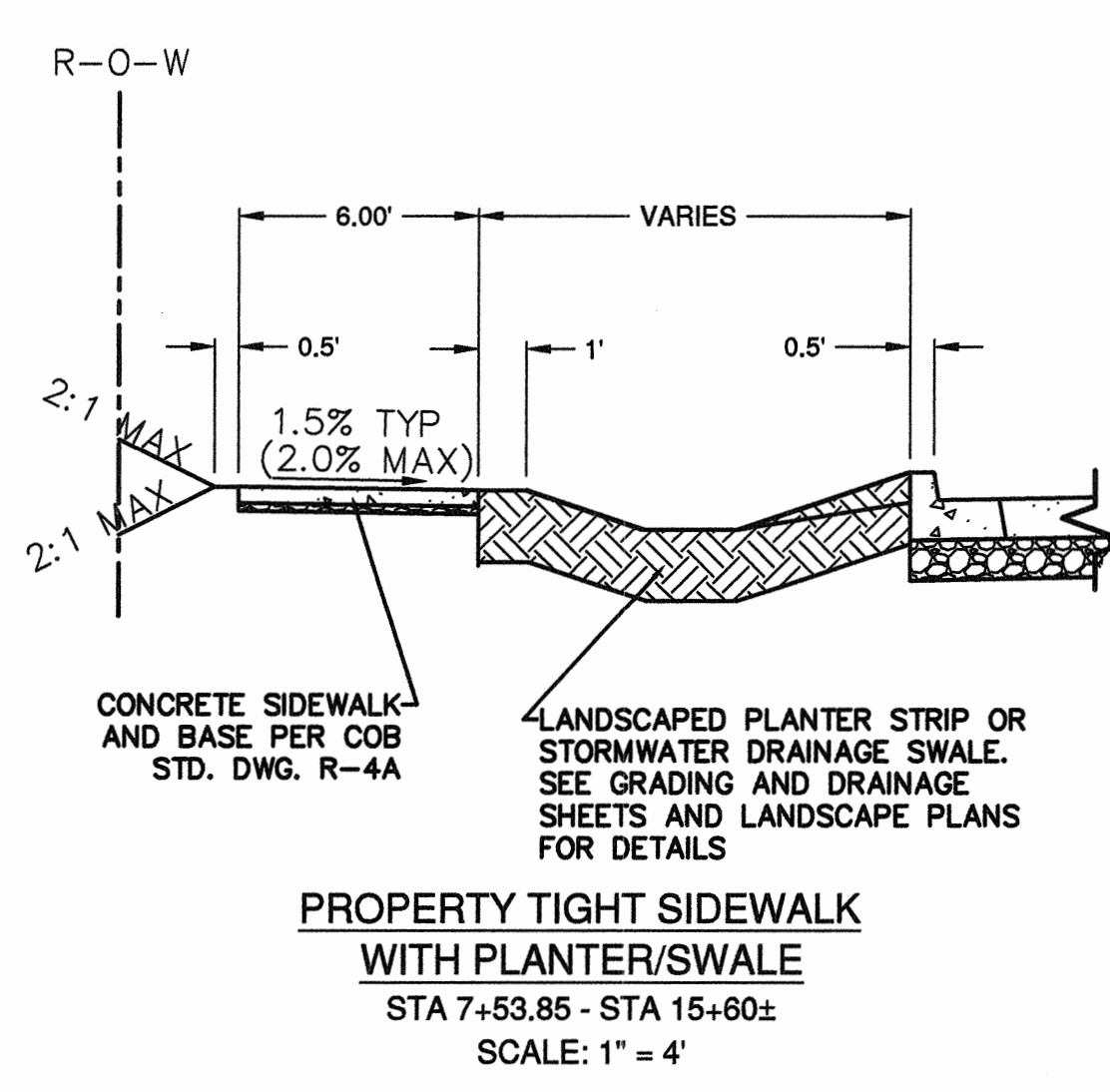
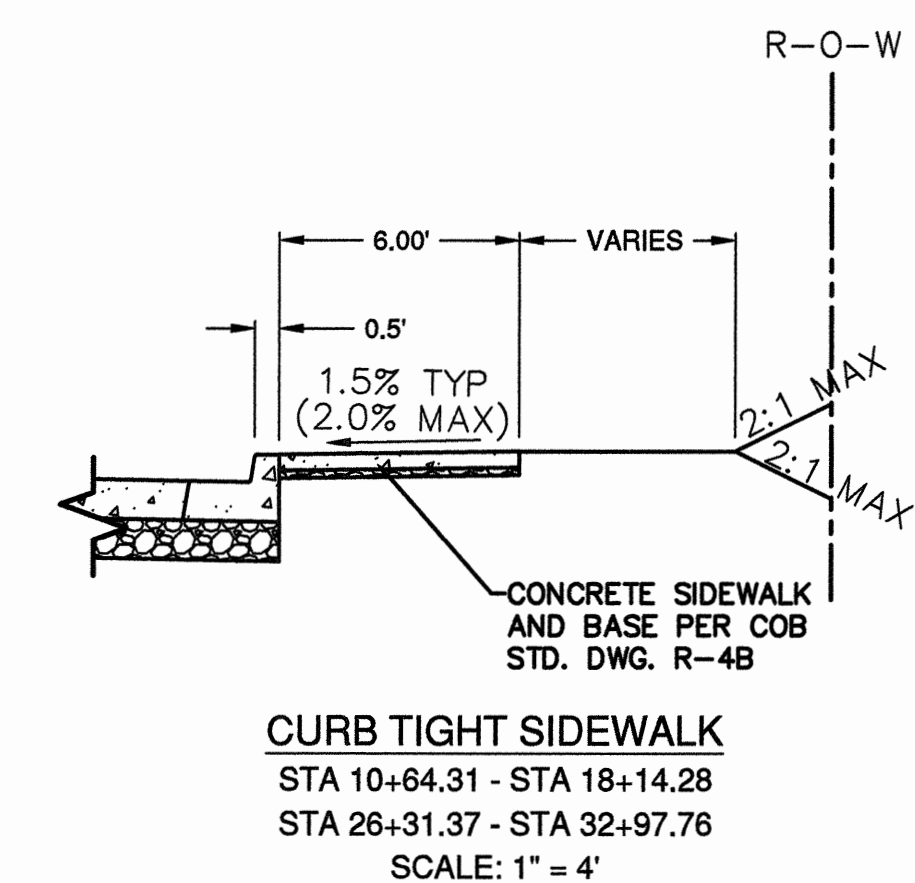
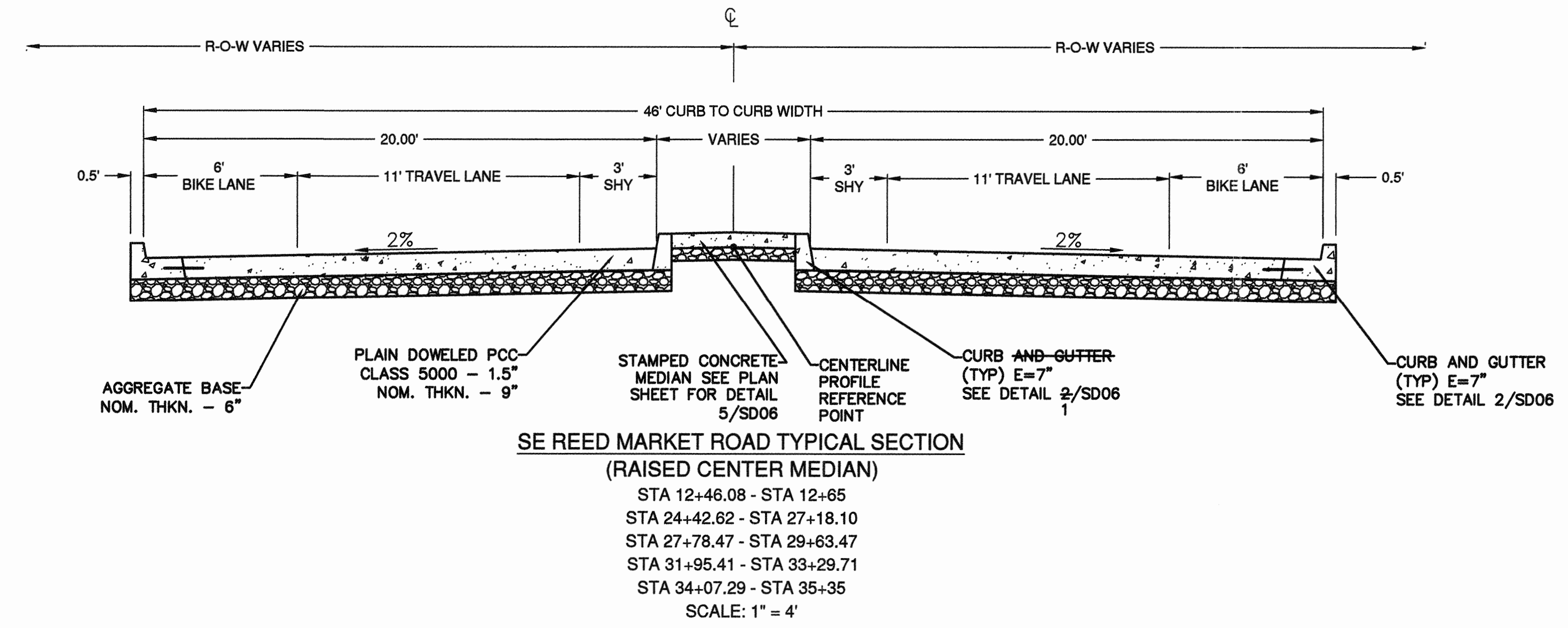
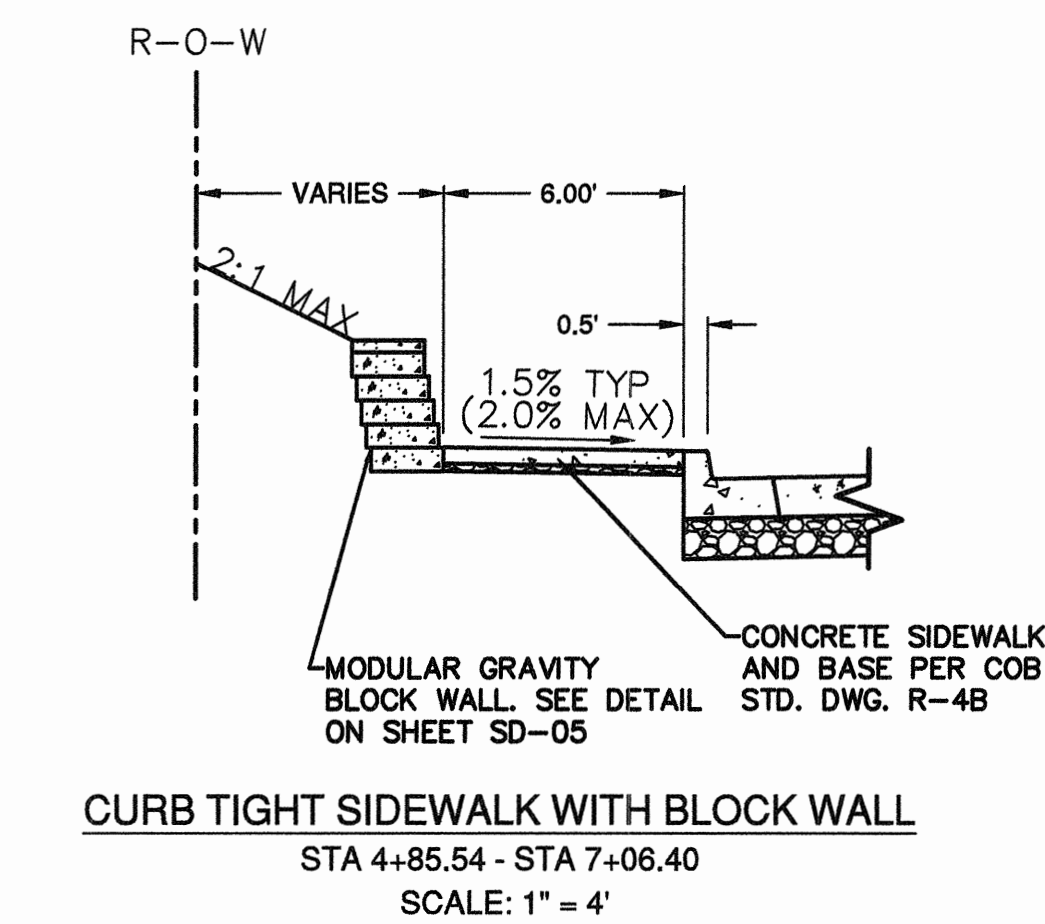
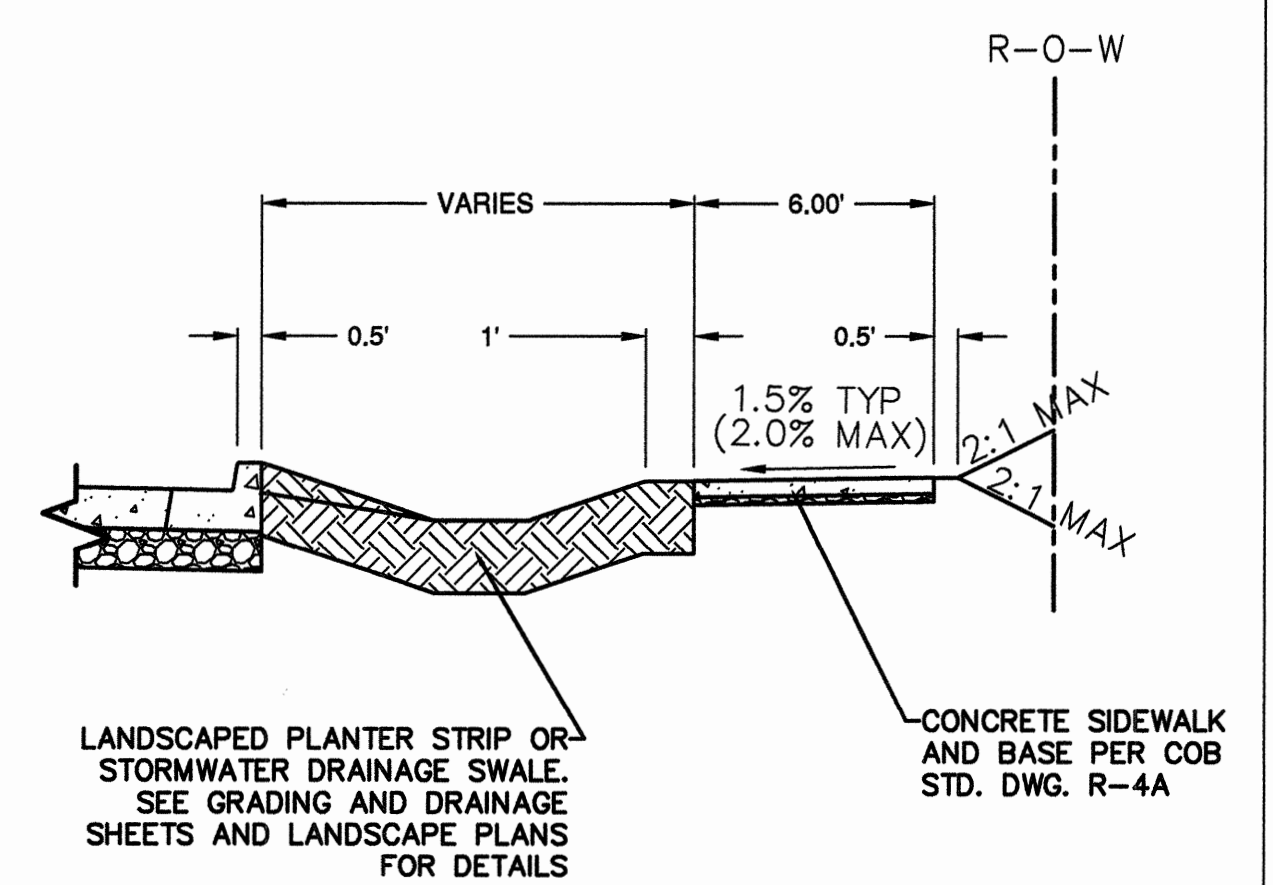
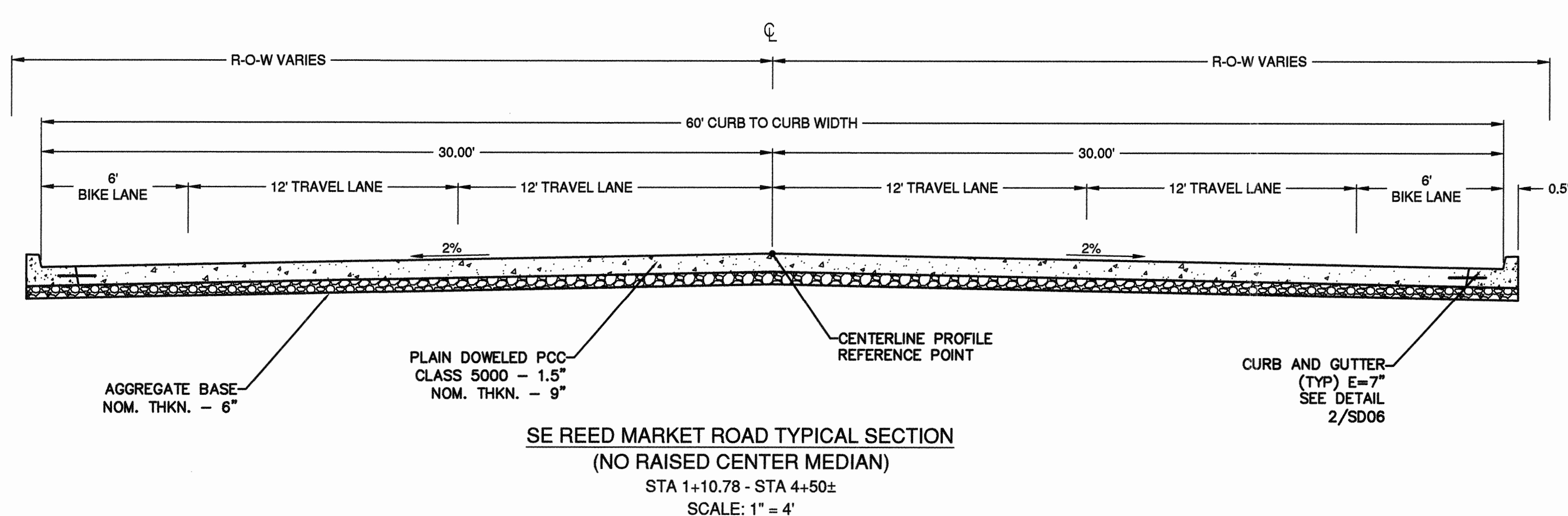
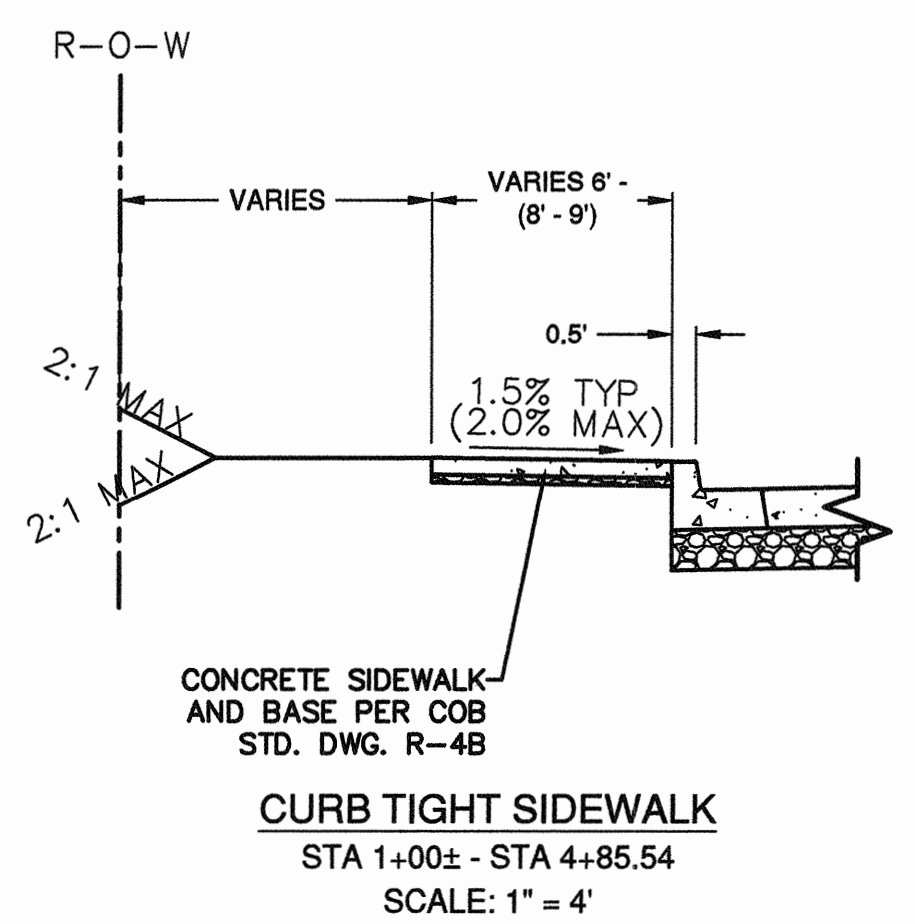
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE | 541.382.8862
1020 SW EMKAY DRIVE #100 | BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JUB
SCALE: NO SCALE
FILE: C-00_C-03
DATE: 04/21/2014

VERIFY SCALES
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BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
C-03

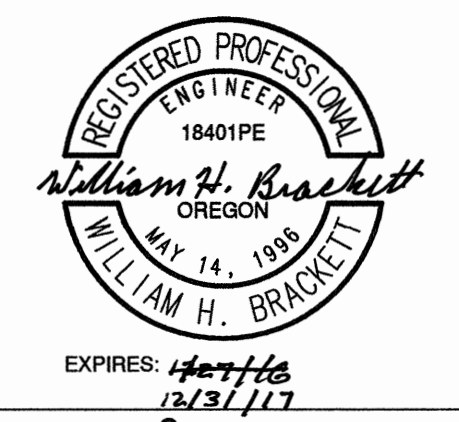
COB # ST12CJ



RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TYPICAL SECTIONS
CITY OF BEND, OREGON



REVISIONS:
1. JML 5.12.14
2. WHB 12.18.15
RECORD DRAWING

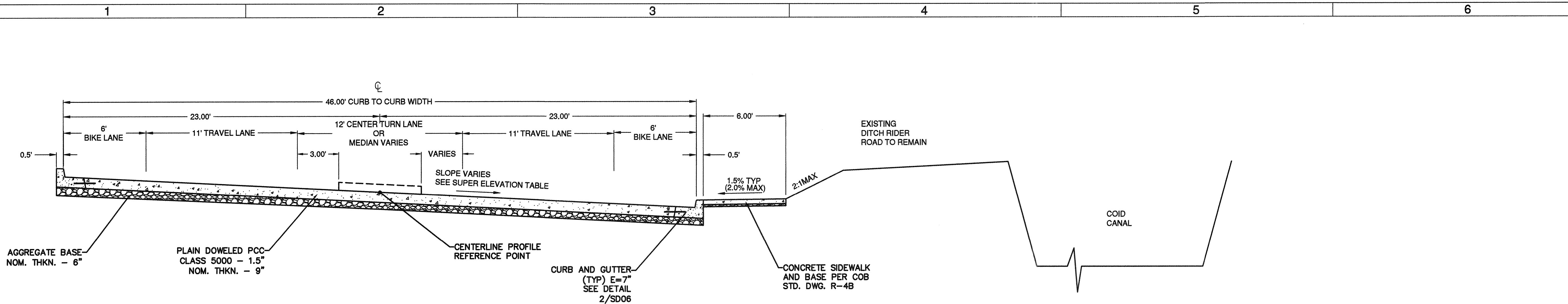
CENTURY WEST
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BEND OFFICE 541.321.8867
1020 SW EMERY DRIVE #100 541.382.2423 (FAX)
BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: C-00 C-07
DATE: 04/21/2014

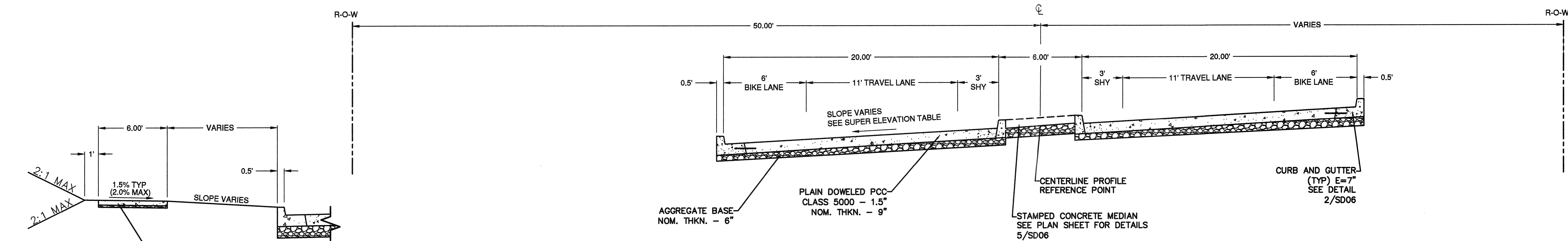
VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET: **C-04**

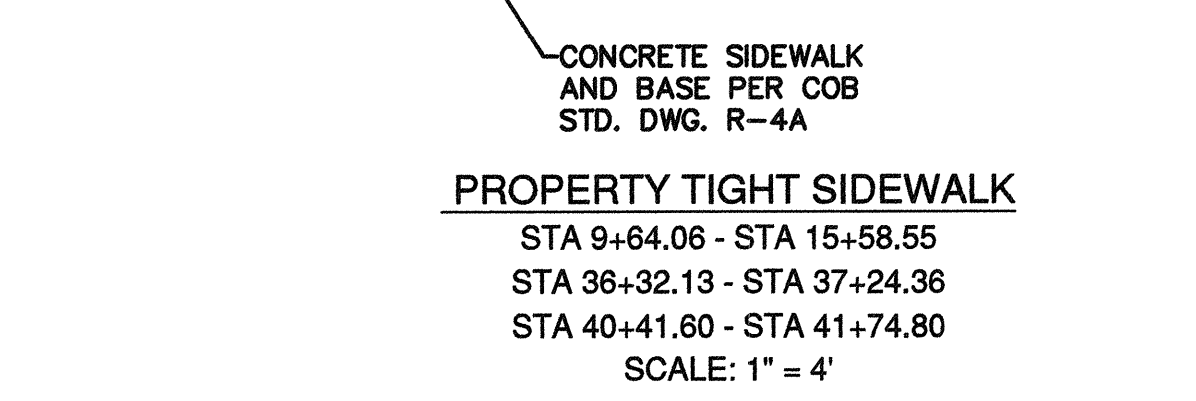
COB # ST12CJ



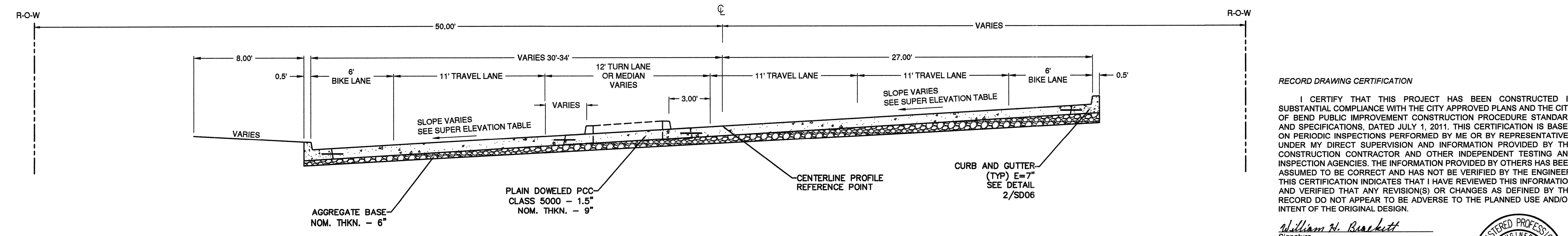
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 STA 12+46 - STA 13+95.14 (MEDIAN)
 STA 13+95.14 - STA 15+55.89 (NO MEDIAN)
 STA 15+55.89 - 17+58.20 (MEDIAN)
 STA 17+58.20 - STA 17+75 (NO MEDIAN)



SE REED MARKET ROAD TYPICAL SECTION
 STA 7+75 - STA 9+75.81 (NO RAISED MEDIAN)
 STA 9+75.81 - 10+84.49 (RAISED MEDIAN)
 STA 35+35 - STA 36+19.54 (RAISED MEDIAN)
 SCALE: 1" = 4'



PROPERTY TIGHT SIDEWALK
 STA 9+64.06 - STA 15+58.55
 STA 36+32.13 - STA 37+24.36
 STA 40+41.60 - STA 41+74.80
 SCALE: 1" = 4'



SE REED MARKET ROAD TYPICAL SECTION
 STA 36+19.54 - STA 40+74.80 (NO MEDIAN)
 STA 40+74.80 - STA 41.74.80 (MEDIAN)
 SCALE: 1" = 4'

RECORD DRAWING CERTIFICATION

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William H. Brackett
 Signature

11/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TYPICAL SECTIONS
 CITY OF BEND, OREGON



REVISIONS:

1.	JML 5.12.14
2.	WHB 12.18.15
3.	RECORD DRAWING

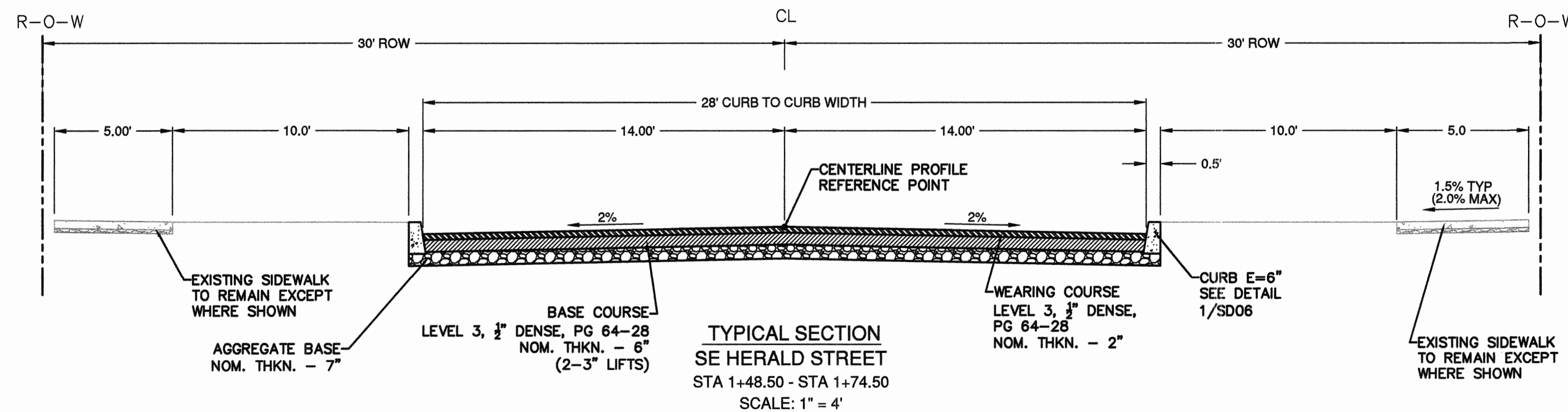
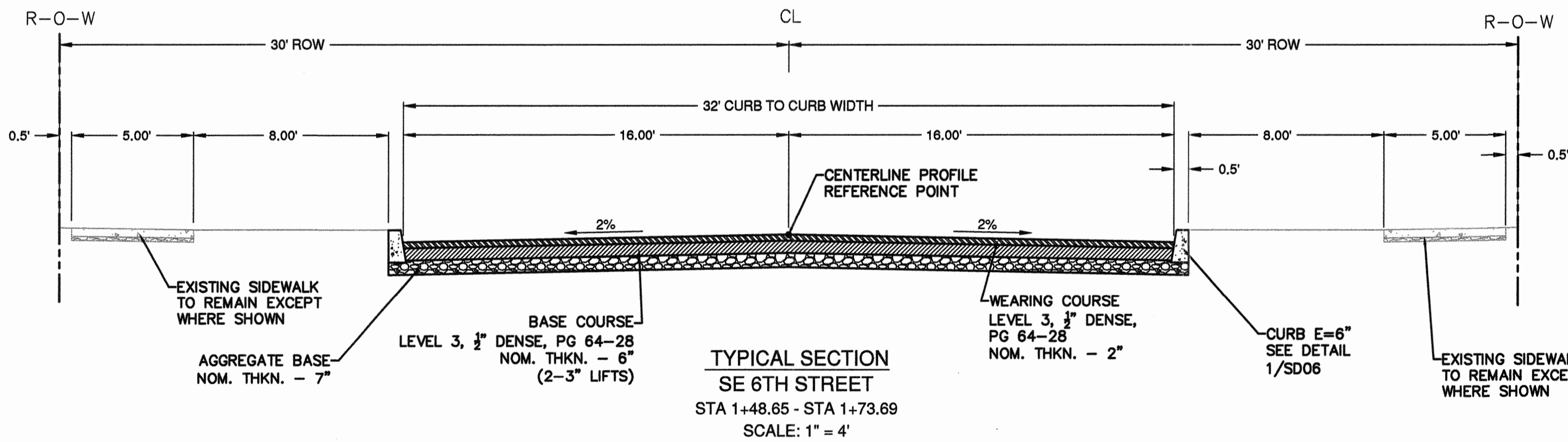
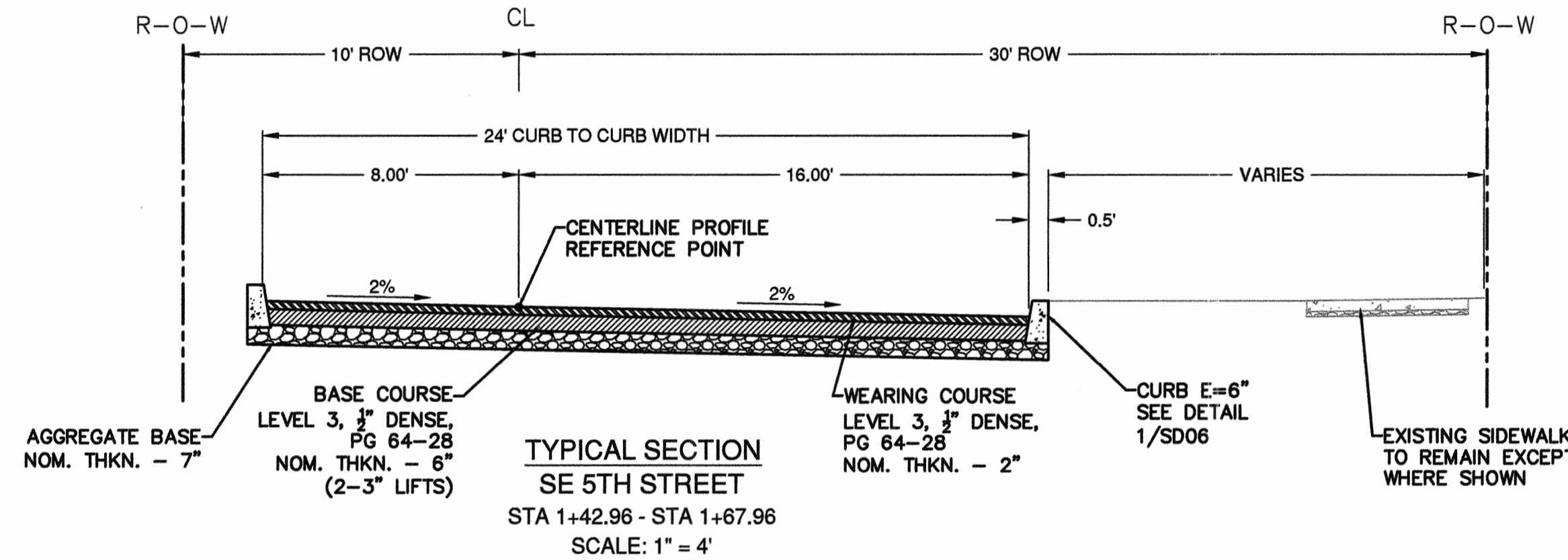
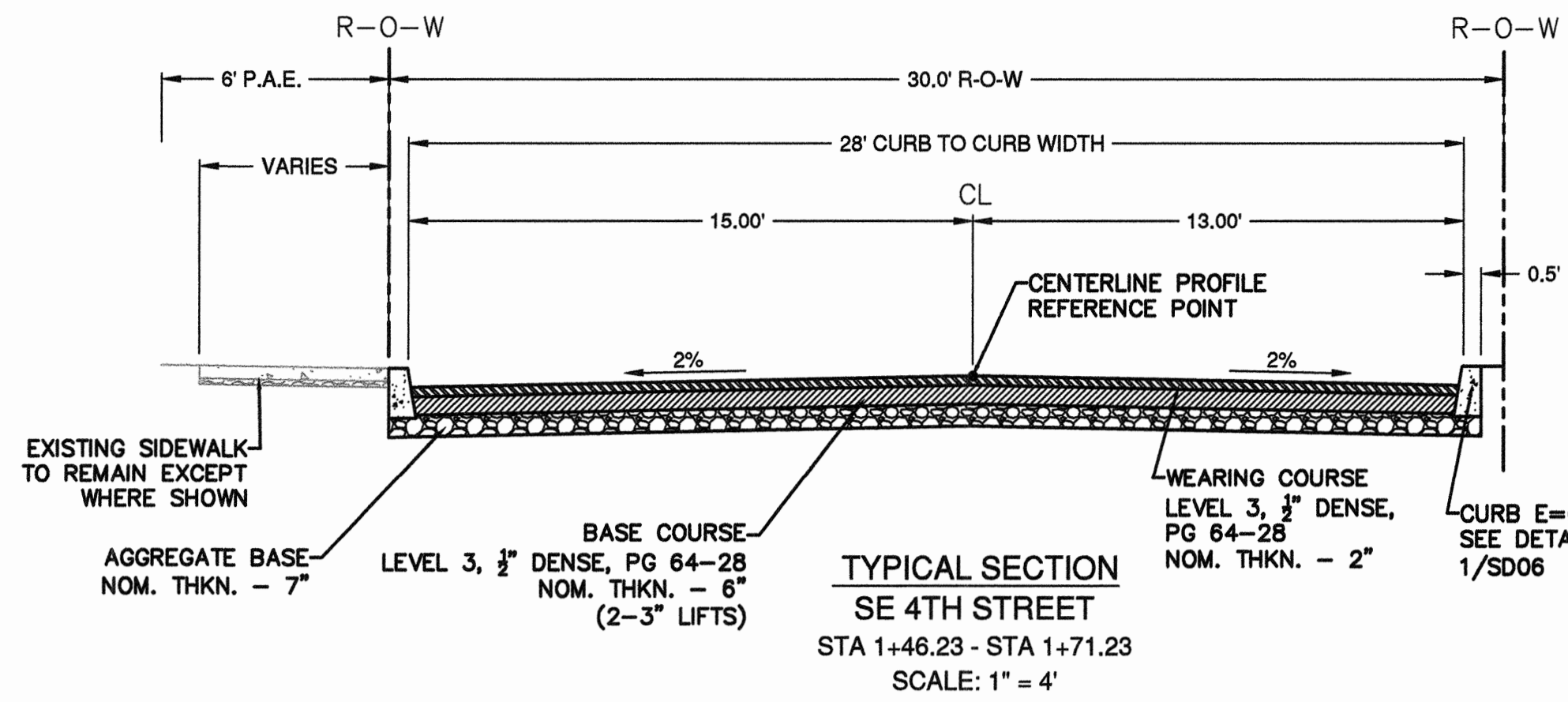
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8963
 1020 SW EMKAH DRIVE SUITE 100 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JUB
 SCALE: AS NOTED
 FILE: C-00_C07
 DATE: 04/21/2014

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

SHEET: **C-05**

COB # ST12CJ



RECORD DRAWING CERTIFICATION

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Signature: *William H. Brackett*
Date: 1/27/16



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TYPICAL SECTIONS
CITY OF BEND, OREGON



REVISIONS:

1.	WHB 12.16.15
2.	RECORD DRAWING
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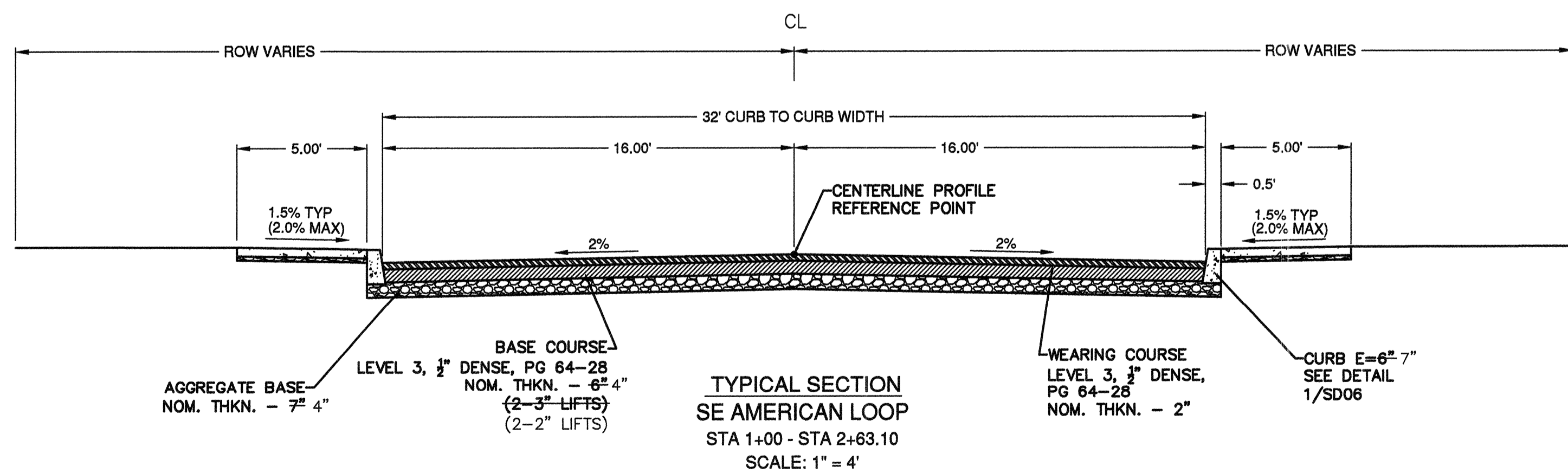
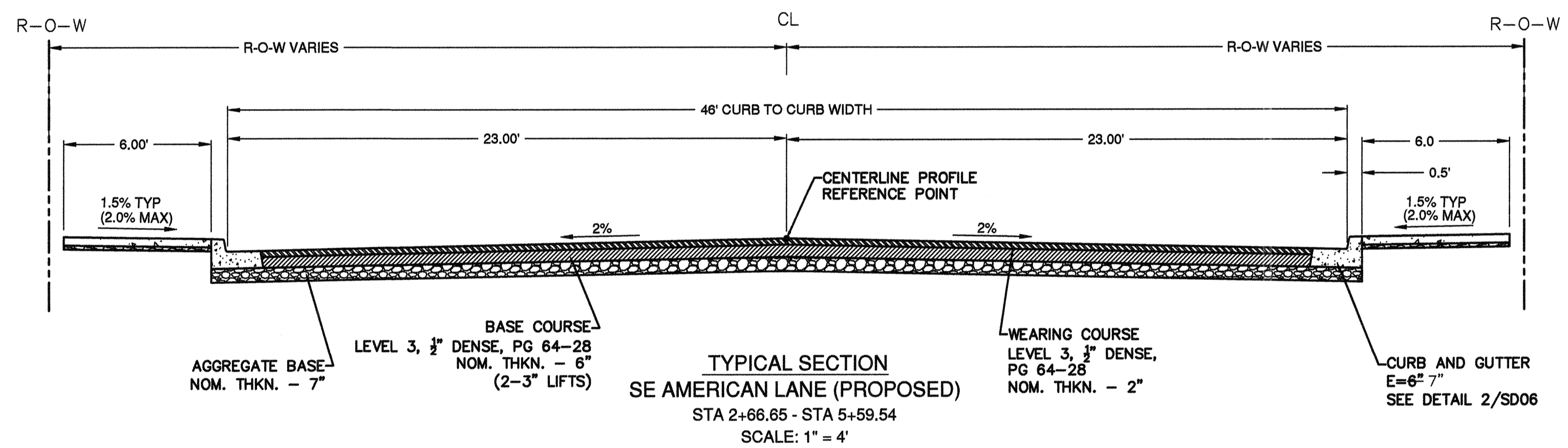
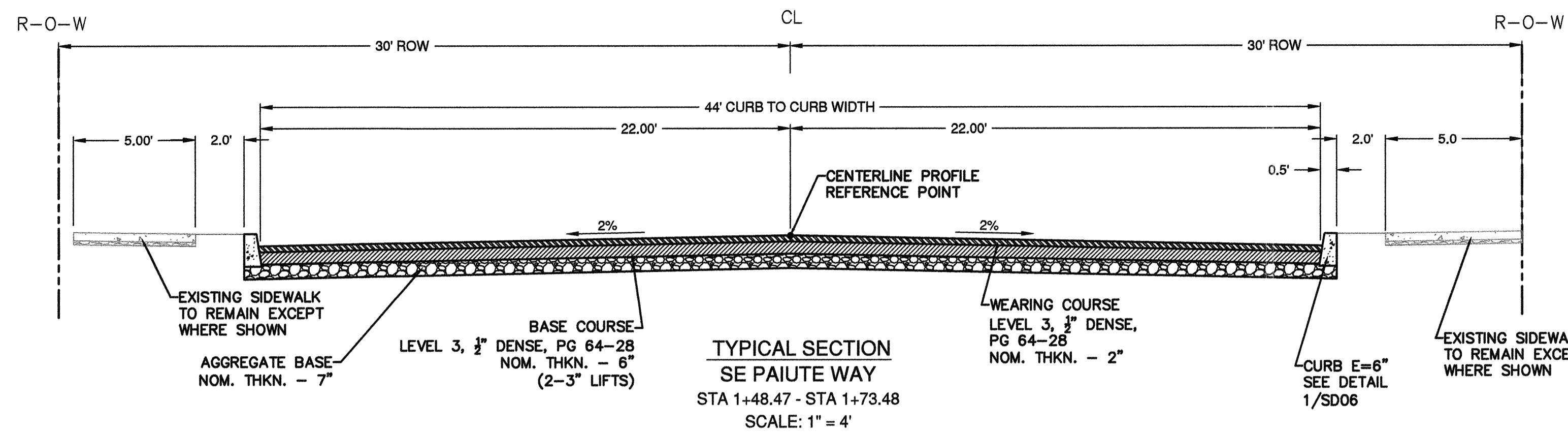
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BEND OFFICE | 541.322.8962
1020 SW EMMAKAY DRIVE # 100 | 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: C-00 C-07
DATE: 04/21/2014

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

SHEET:
C-06

COB # ST12CJ



RECORD DRAWING CERTIFICATION

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William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TYPICAL SECTIONS
CITY OF BEND, OREGON



REVISIONS:

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3.		

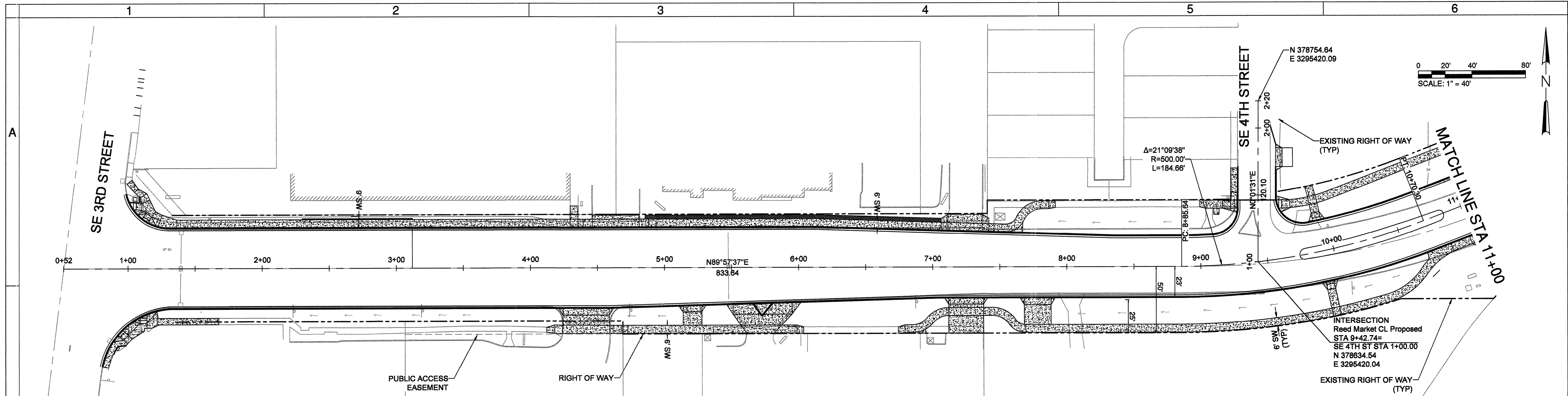
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BEND OFFICE | 541.322.8963
1020 SW EMKAY DRIVE #100
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: C-00 C-07
DATE: 04/21/2014

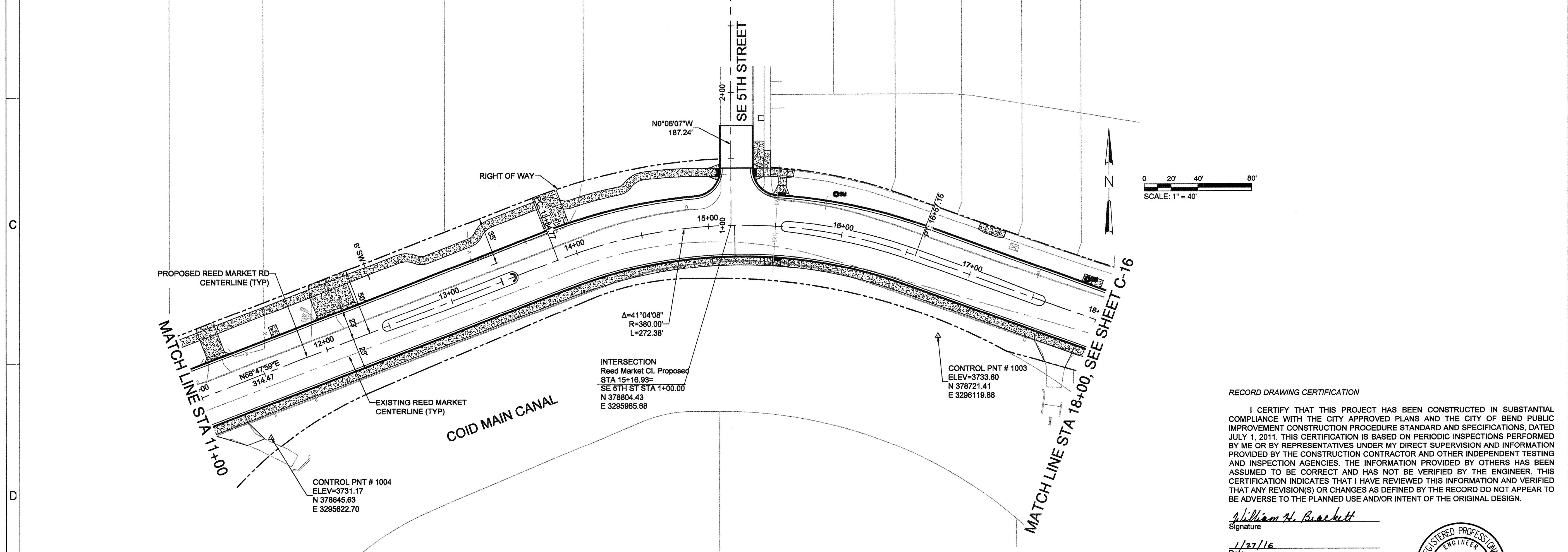
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SHEET:
C-07

COB # ST12CJ



REED MARKET ROAD HORIZONTAL CONTROL PLAN
SCALE: 1" = 40'



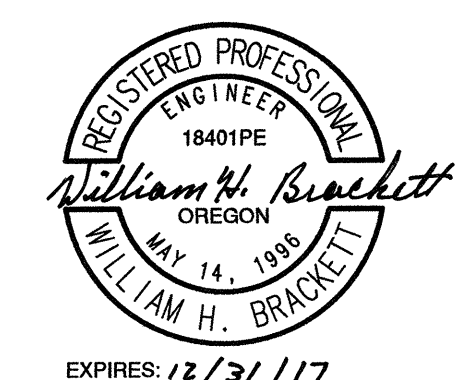
REED MARKET ROAD HORIZONTAL CONTROL PLAN
SCALE: 1" = 40'

RECORD DRAWING CERTIFICATION

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William H. Brackett
Signature

1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
HORIZONTAL CONTROL PLAN
CITY OF BEND, OREGON



REVISIONS:	DATE	DESCRIPTION
1.	12.15.15	RECORD DRAWING
2.		
3.		

CENTURY WEST
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541.323.2423 (FAX)
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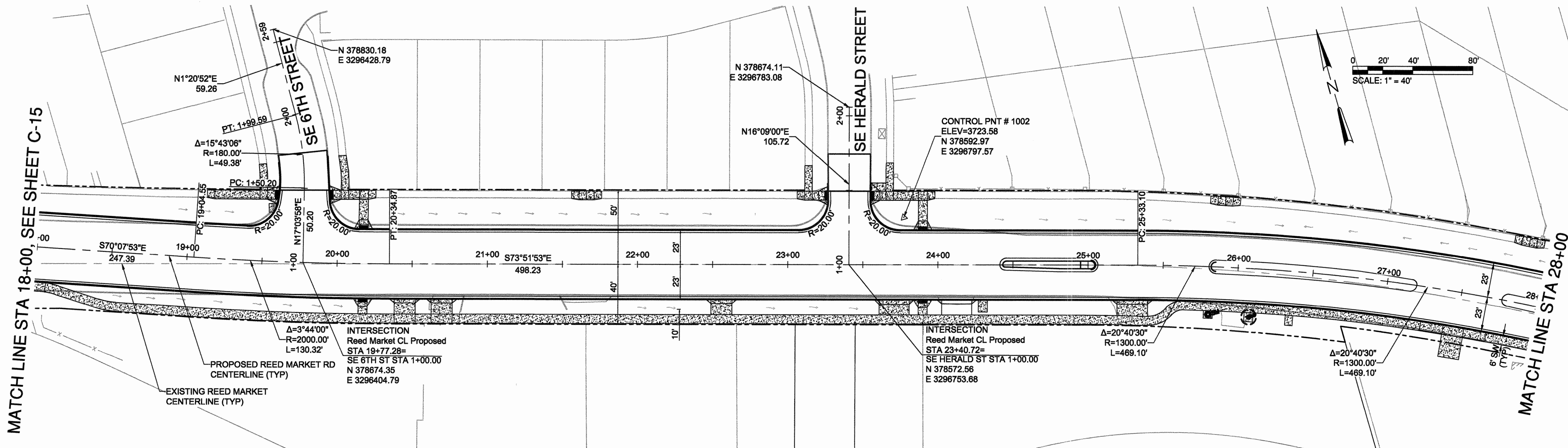
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DESIGNED BY: JML
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DATE: 04/21/2014

VERIFY SCALES
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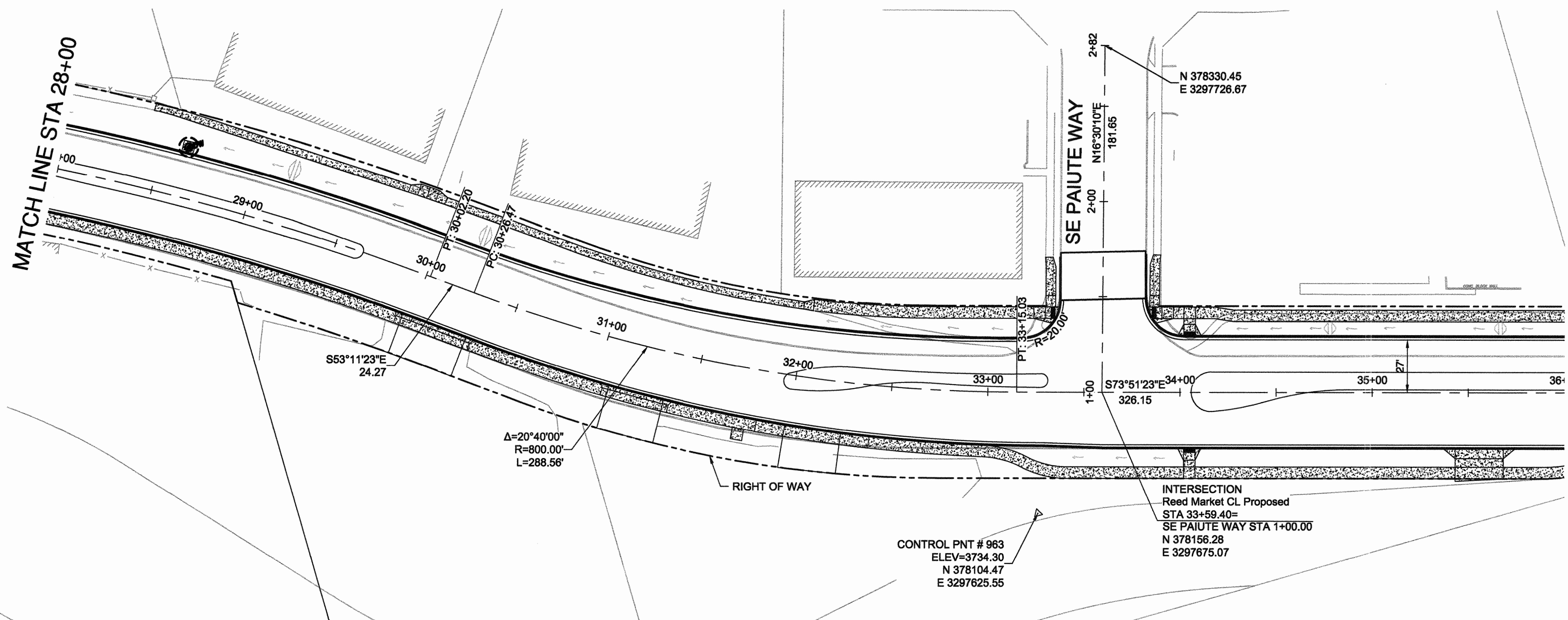
SHEET:
C-15

COB # ST12CJ
EXPIRES: 12/31/17



REED MARKET ROAD HORIZONTAL CONTROL PLAN

SCALE: 1" = 40'



REED MARKET ROAD HORIZONTAL CONTROL PLAN

SCALE: 1" = 40'

RECORD DRAWING CERTIFICATION

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William H. Brackett
Signature
1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
HORIZONTAL CONTROL PLAN**
CITY OF BEND, OREGON



REVISIONS:

1.	WHB 12.18.15	RECORD DRAWING
2.		
3.		

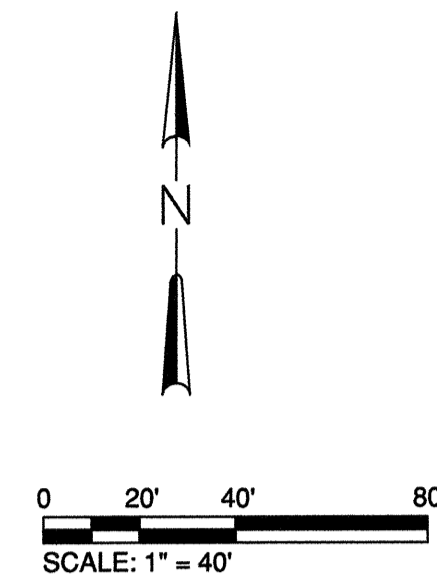
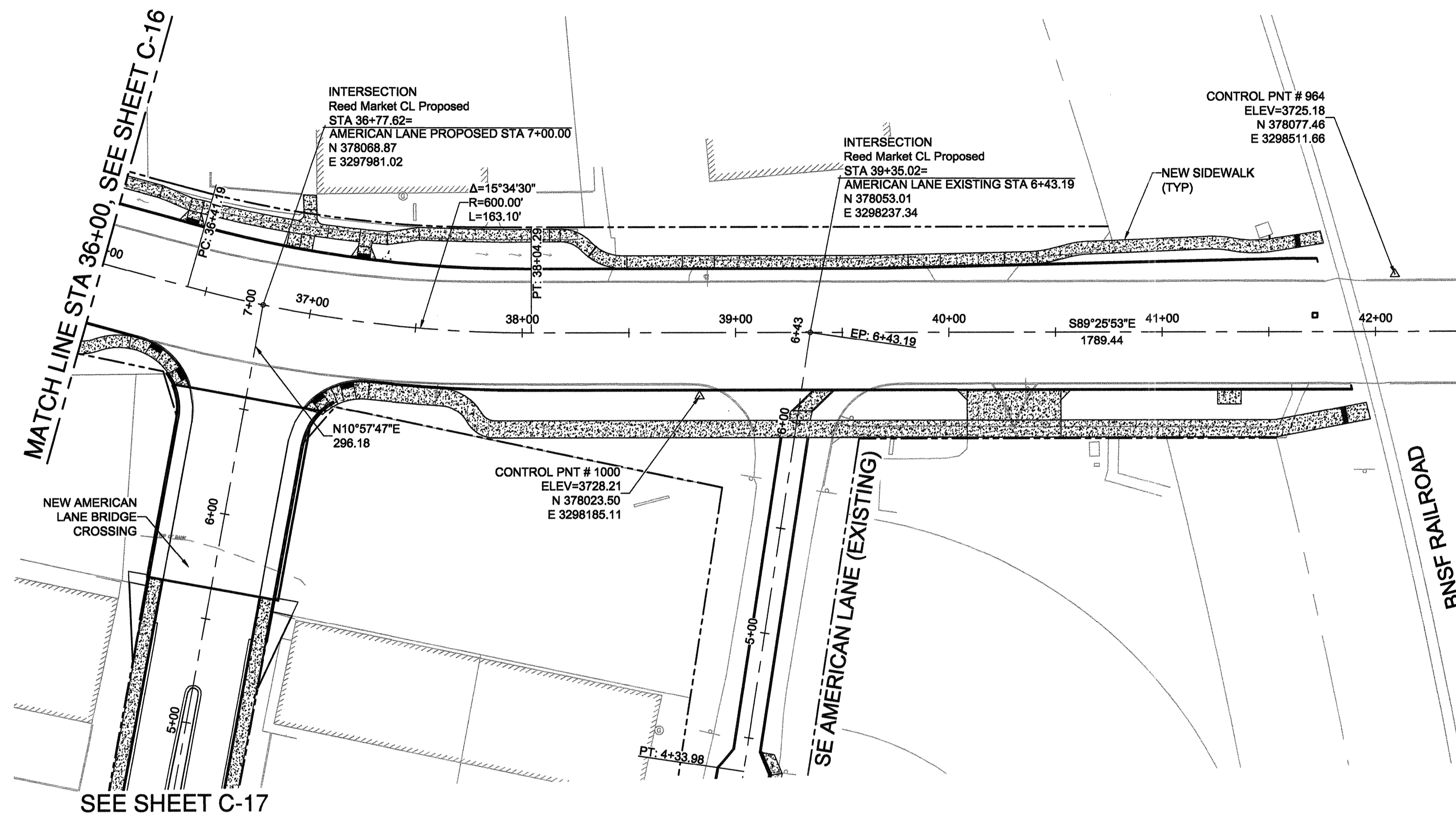
CENTURY WEST
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BEND OFFICE | 541.322.8962
1020 SW EMKAY DRIVE #100 | 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: C-15 C-18
DATE: 04/21/2014

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

SHEET:
C-16

COB # ST12CJ



REED MARKET ROAD HORIZONTAL CONTROL PLAN
SCALE: 1" = 40'

RECORD DRAWING CERTIFICATION

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William H. Brackett
Signature
1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
HORIZONTAL CONTROL PLAN**
CITY OF BEND, OREGON



REVISIONS:	1. WHB 12.18.15
	RECORD DRAWING
	2.
	3.

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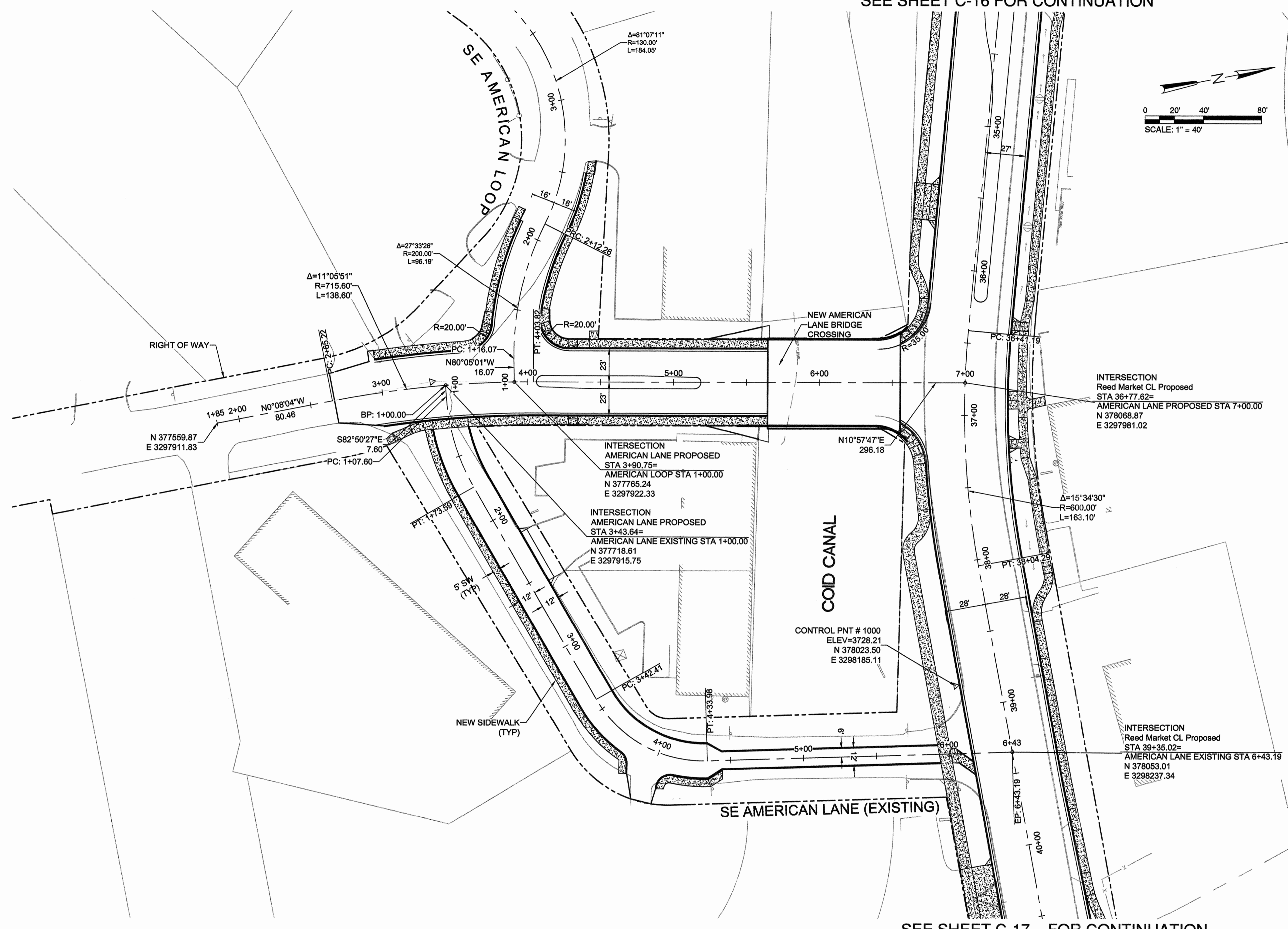
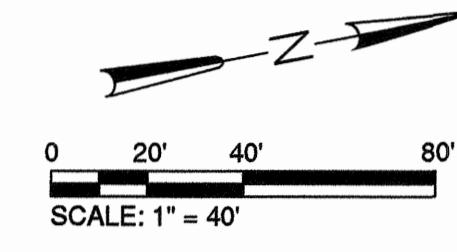
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DRAWN BY: JUB
SCALE: AS NOTED
FILE: C-15 C-18
DATE: 04/21/2014

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

SHEET:
C-17

COB # ST12CJ

SEE SHEET C-16 FOR CONTINUATION



SEE SHEET C-17 FOR CONTINUATION

AMERICAN LANE HORIZONTAL CONTROL PLAN

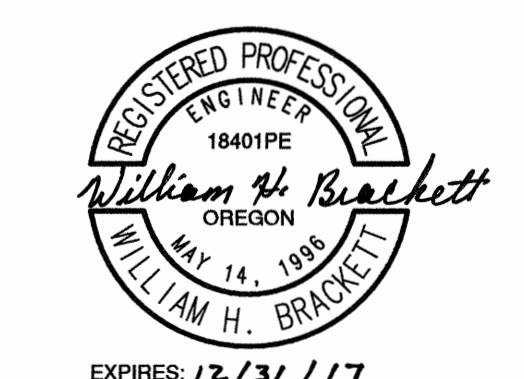
SCALE: 1" = 20'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature

1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
HORIZONTAL CONTROL PLAN**

CITY OF BEND, OREGON



REVISIONS:

1.	WHB 12.18.15	RECORD DRAWING
2.		
3.		

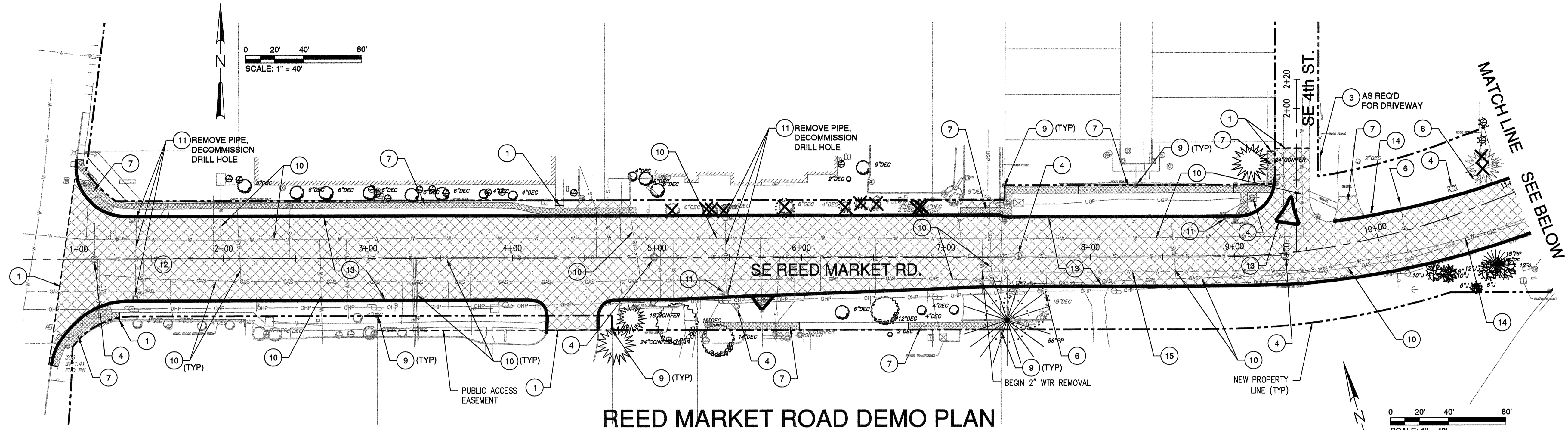
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE 541.382.8962
1020 SW EMKAY DRIVE # 100 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: C-15 C-18
DATE: 04/21/2014

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

SHEET: **C-18**

COB # ST12CJ



REED MARKET ROAD DEMO PLAN
SCALE: 1" = 40'

DEMO LEGEND:

- REMOVE EXISTING TREE/SHRUB
- REMOVE AC SURFACING AND BASE COURSE TO SUBGRADE
- REMOVE CONCRETE SIDEWALK SURFACE AND BASE ROCK TO SUBGRADE
- REMOVE CONCRETE CURB
- TREE/VEGETATION PROTECTION FENCING, SEE COB STAND DRAWING E-3.

COORDINATE W/OWNER
RELOCATING LANDSCAPE
BOULDERS

NEW PROPERTY
LINE (TYP)

NEW PROPERTY
LINE (TYP)

MATCH LINE
SEE ABOVE

SEE SHT D-02 FOR
CONTINUATION

DEMOLITION NOTES:

- | | |
|---|--|
| 1 SAWCUT EXISTING ASPHALT AND WALKS - 411 LF | 9 PROTECT EXISTING MONUMENTS |
| 2 REMOVE EXISTING ROCK GRAVITY RETAINING WALL - 99.2 LF
REMOVAL OF OBSTRUCTION AND STRUCTURES - LS | 10 PROTECT EXISTING UNDERGROUND UTILITY
(SEE SHEETS P-01 - P-10, P-26 - P-30) |
| 3 REMOVAL OF EXISTING FENCE BY OTHERS | 11 REMOVE EXISTING STORM INLETS
(SEE SHEETS P-01 - P-10, P-26 - P-30) |
| 4 PROTECT EXISTING STRUCTURES
(SEE SHEETS P-01 - P-10, P-26 - P-30) | 12 REMOVE/ABANDON SIGNAL LOOPS
(SEE TRAFFIC SIGNAL PLANS) |
| 5 NOT USED | 13 STA 1+00 - 22+00
REMOVE EXISTING CURBS - 4344 LF |
| 6 REMOVE AND RETURN TO CITY EXISTING UTILITY
(SEE SHEETS P-01 - P-10) | 14 REMOVE EXISTING 2" WATERLINE |
| 7 STA 1+00 - 22+00
REMOVE EXISTING WALKS AND DRIVEWAYS - 1109 SY | 15 REMOVE EXISTING POLE (BY OTHERS) |
| 8 NOT USED | |

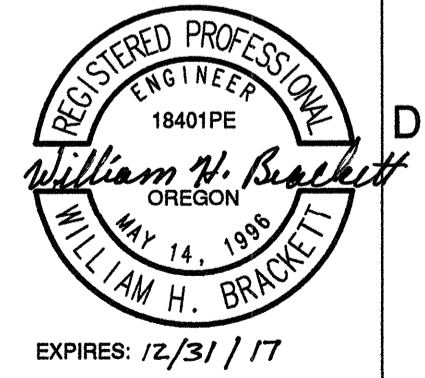
GENERAL NOTES:

1. REFER TO SIGNING AND STRIPING PLANS, SS-01 THRU SS-08, FOR ALL SIGN REMOVALS.
2. REFER TO PLAN AND PROFILE SHEETS, P-01 THRU P-30, FOR ALL MAILBOX RELOCATIONS.

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR DEMO PLAN, STA 4+00 TO 22+00
CITY OF BEND, OREGON



REVISIONS:

1.	WHB 12.18.15	RECORD DRAWING
2.		
3.		

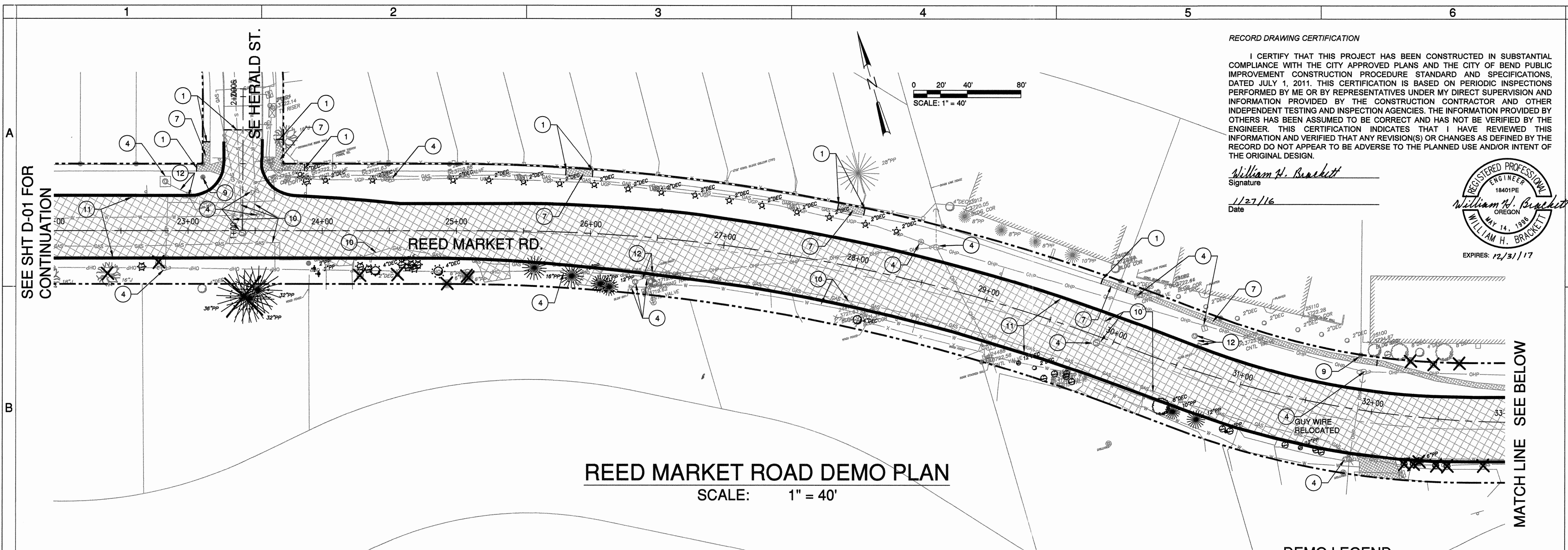
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE | 541.323.8863
1020 SW EMMAWAT DRIVE #100 | BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: 1"=20'
FILE: D-01 D-03
DATE: 04/21/2014

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

SHEET:
D-01

COB # **ST12CJ**



GENERAL NOTES:

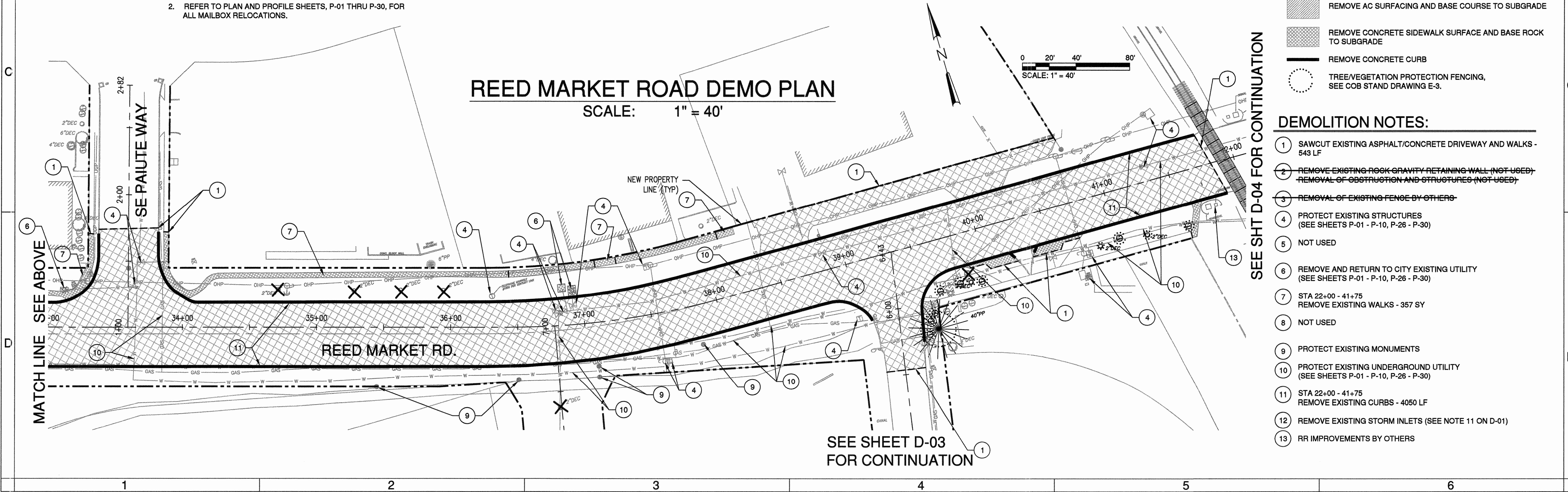
1. REFER TO SIGNING AND STRIPING PLANS, SS-01 THRU SS-08, FOR ALL SIGN REMOVALS.
2. REFER TO PLAN AND PROFILE SHEETS, P-01 THRU P-30, FOR ALL MAILBOX RELOCATIONS.

DEMO LEGEND:

- X REMOVE EXISTING TREE/SHRUB
- [Hatched Box] REMOVE AC SURFACING AND BASE COURSE TO SUBGRADE
- [Cross-hatched Box] REMOVE CONCRETE SIDEWALK SURFACE AND BASE ROCK TO SUBGRADE
- [Solid Line] REMOVE CONCRETE CURB
- [Dashed Circle] TREE/VEGETATION PROTECTION FENCING, SEE COB STAND DRAWING E-3.

DEMOLITION NOTES:

- 1 SAWCUT EXISTING ASPHALT/CONCRETE DRIVEWAY AND WALKS - 543 LF
- 2 REMOVE EXISTING ROCK GRAVITY RETAINING WALL (NOT USED) - REMOVAL OF OBSTRUCTION AND STRUCTURES (NOT USED)
- 3 REMOVAL OF EXISTING FENCE BY OTHERS
- 4 PROTECT EXISTING STRUCTURES (SEE SHEETS P-01 - P-10, P-26 - P-30)
- 5 NOT USED
- 6 REMOVE AND RETURN TO CITY EXISTING UTILITY (SEE SHEETS P-01 - P-10, P-26 - P-30)
- 7 STA 22+00 - 41+75 REMOVE EXISTING WALKS - 357 SY
- 8 NOT USED
- 9 PROTECT EXISTING MONUMENTS
- 10 PROTECT EXISTING UNDERGROUND UTILITY (SEE SHEETS P-01 - P-10, P-26 - P-30)
- 11 STA 22+00 - 41+75 REMOVE EXISTING CURBS - 4050 LF
- 12 REMOVE EXISTING STORM INLETS (SEE NOTE 11 ON D-01)
- 13 RR IMPROVEMENTS BY OTHERS



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR DEMO PLAN, STA 22+00 TO 42+00
CITY OF BEND, OREGON



REVISIONS:

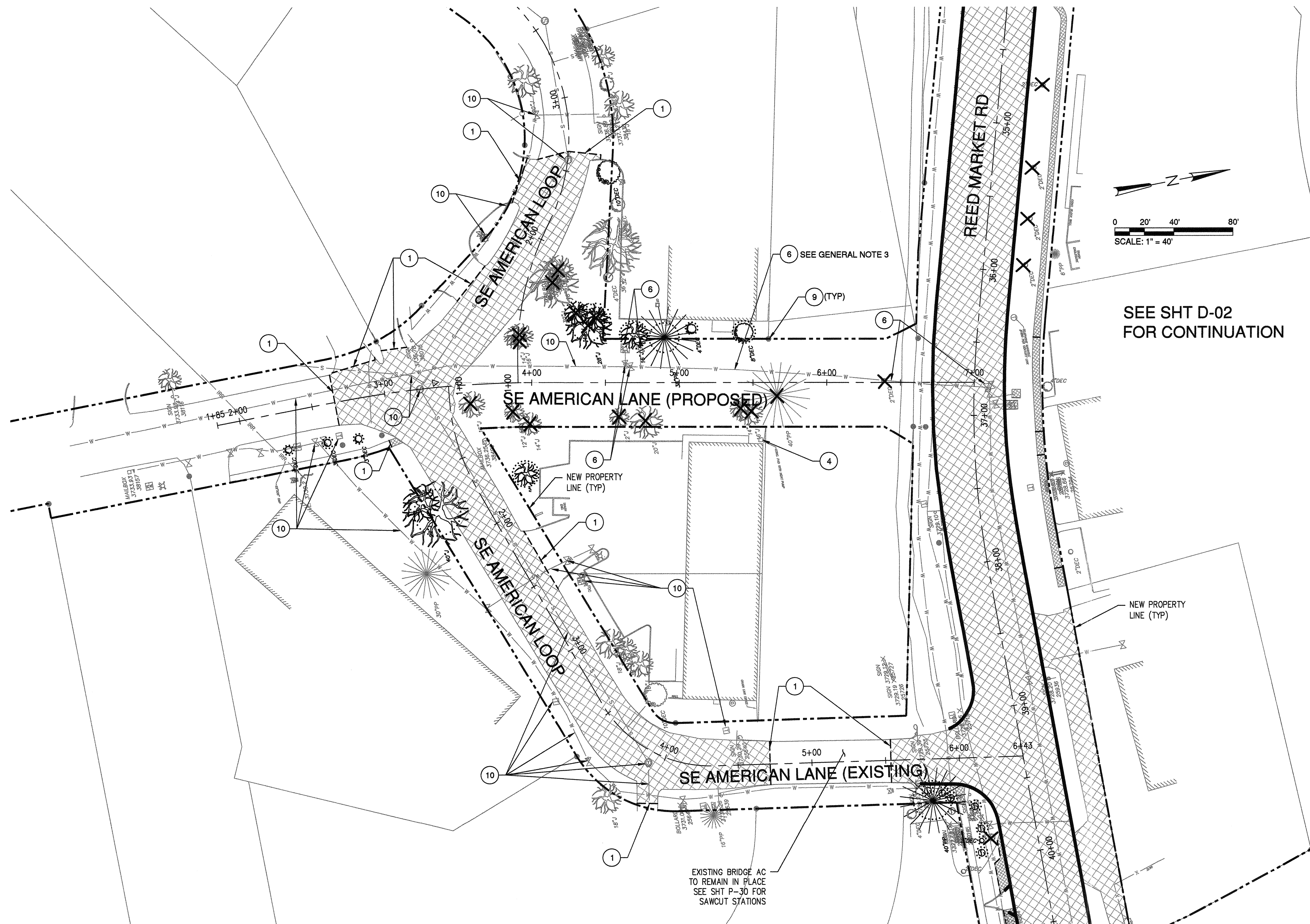
1.	WHB 12.16.15	RECORD DRAWING
2.		
3.		

CENTURY WEST ENGINEERING CORPORATION
BEND OFFICE | 541.321.8957
1020 SW EMERY DRIVE #100 | 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JLB
SCALE: 1"=20'
FILE: D-01 D-03
DATE: 04/21/2014

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

SHEET:
D-02
COB # ST12CJ



REED MARKET ROAD DEMO PLAN
SCALE: 1" = 40'

DEMO LEGEND:

- X REMOVE EXISTING TREE/SHRUB
- [Hatched Box] REMOVE AC SURFACING AND BASE COURSE TO SUBGRADE
- [Cross-hatched Box] REMOVE CONCRETE SIDEWALK SURFACE AND BASE ROCK TO SUBGRADE
- [Solid Line] REMOVE CONCRETE CURB
- [Dashed Circle] TREE/VEGETATION PROTECTION FENCING, SEE COB STAND DRAWING E-3.

DEMOLITION NOTES:

- 1 SAWCUT EXISTING ASPHALT AND WALKS - 316 LF
- 2 NOT USED
- 3 NOT USED
- 4 PROTECT EXISTING STRUCTURES (SEE SHEETS P-28 - P-30)
- 5 NOT USED
- 6 REMOVE AND RETURN TO CITY EXISTING UTILITY (SEE SHEETS P-28 - P-30)
- 7 REMOVE EXISTING AC DRIVEWAY (NOT USED)
- 8 NOT USED
- 9 PROTECT EXISTING MONUMENTS
- 10 PROTECT EXISTING UNDERGROUND UTILITY (SEE SHEETS P-28 - P-30)
- 11 NOT USED

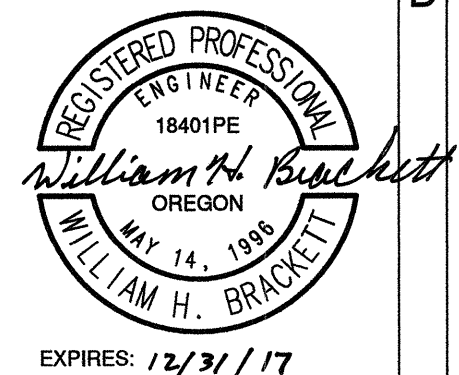
GENERAL NOTES:

- 1. REFER TO SIGNING AND STRIPING PLANS, SS-01 THRU SS-08, FOR ALL SIGN REMOVALS.
- 2. REFER TO PLAN AND PROFILE SHEETS, P-01 THRU P-30, FOR ALL MAILBOX RELOCATIONS.
- 3. SEE SHEET P-28 FOR EXISTING WATER LINE AND VALVES TO BE REMOVED OR ABANDONED.

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
AM & AL DEMO PLAN
CITY OF BEND, OREGON



REVISIONS:

1. WHB 12.16.15	RECORD DRAWING
2.	
3.	

CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE | 541.322.8965
1020 SW EMKAY DRIVE #100 | 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: D-01 D-03
DATE: 04/21/2014

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

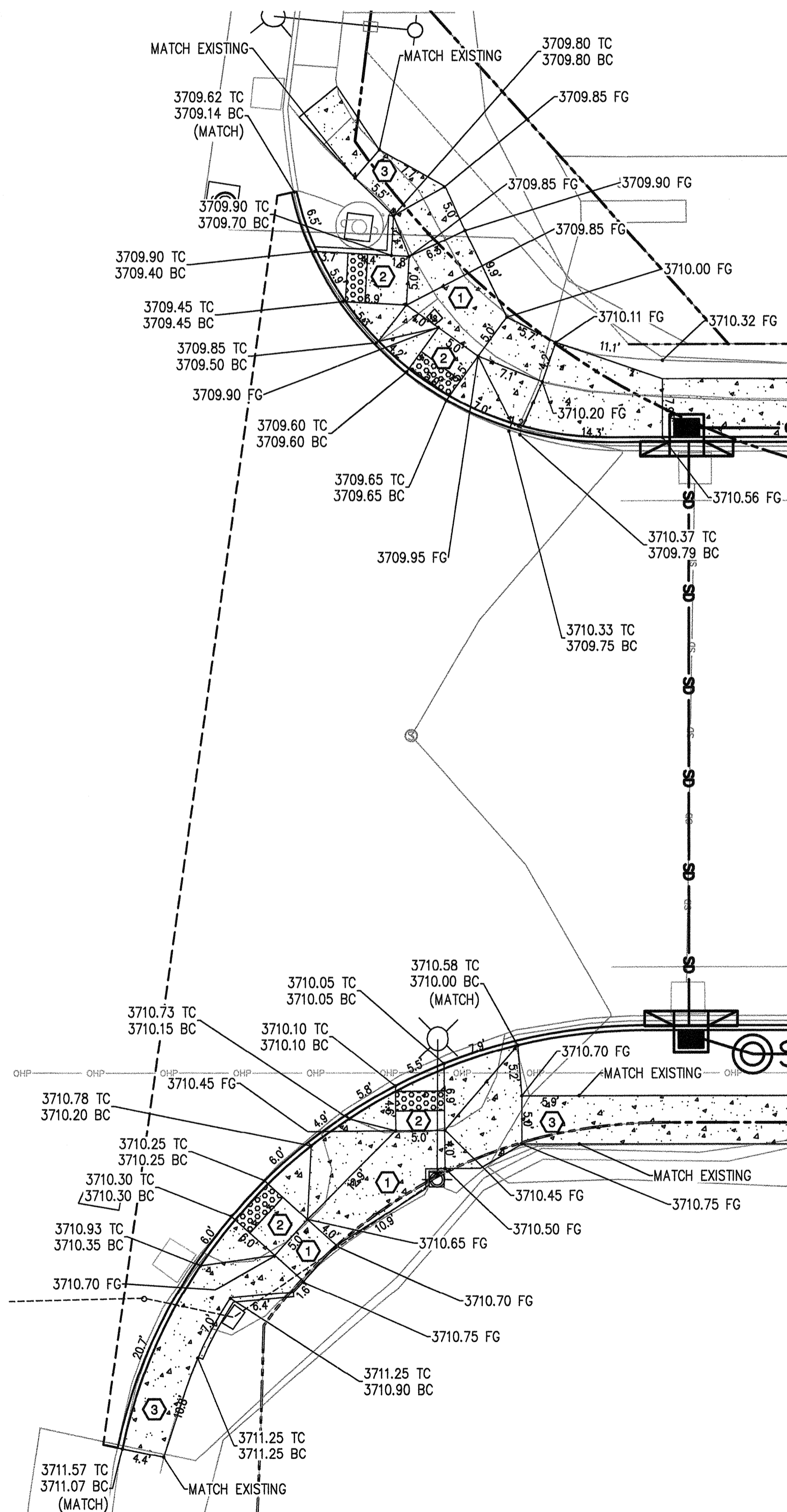
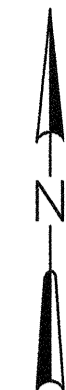
SHEET:
D-03

COB # ST12CJ

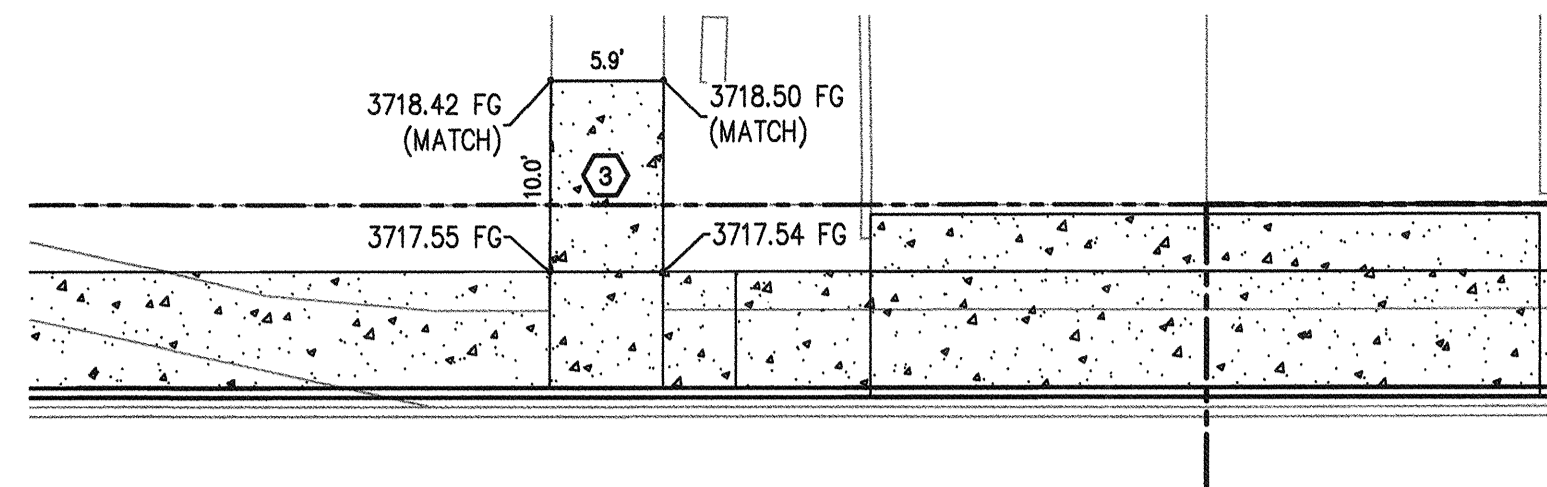
GENERAL NOTES

CONSTRUCT CURB RAMP PER COB STD DWGS R-8A AND R-8B

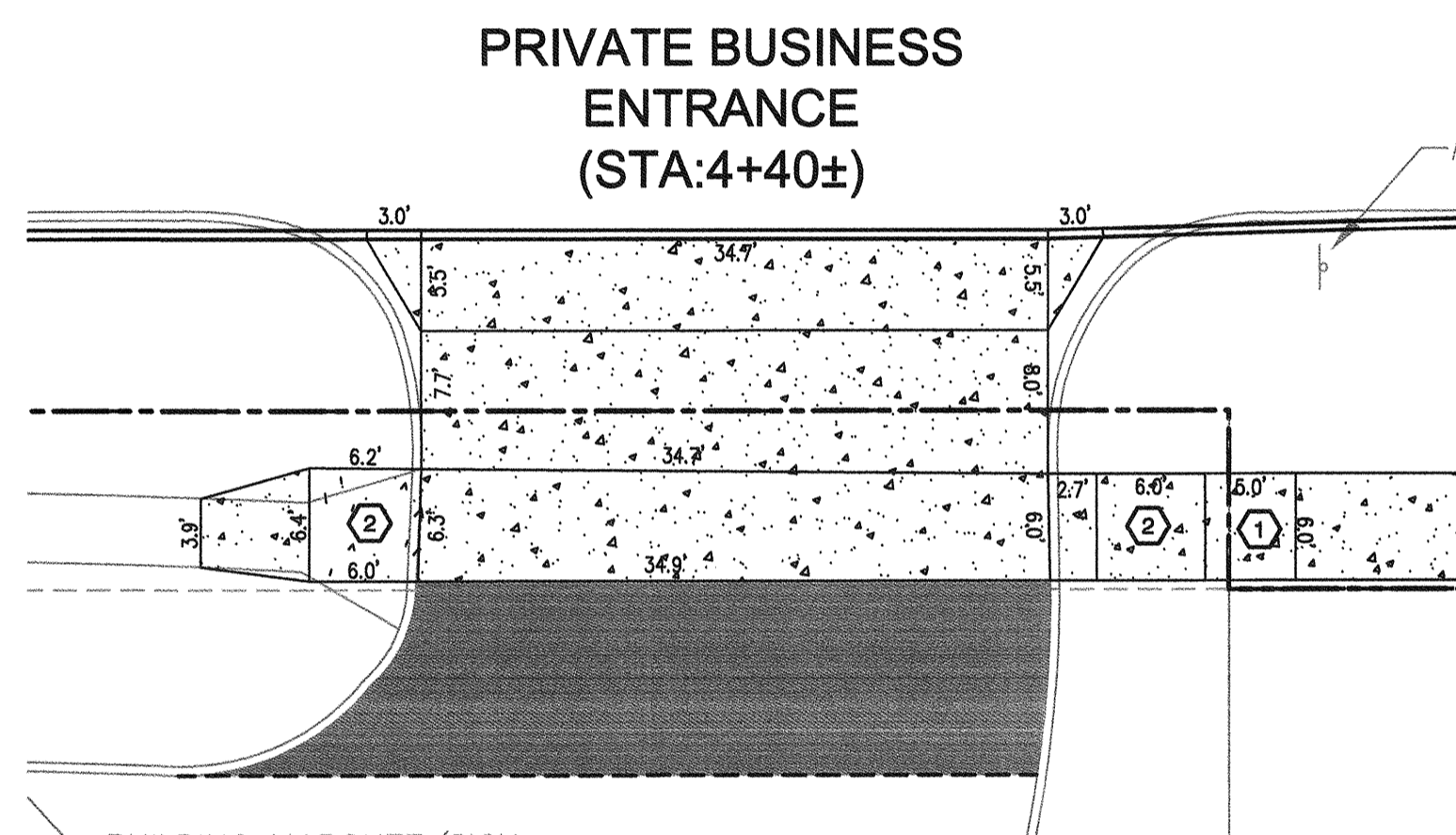
- ① CONSTRUCT REQUIRED LANDING. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ② CONSTRUCT RAMP. 1.5% (2.0% MAX) CROSS SLOPE. RUNNING SLOPE SHALL NOT EXCEED 8.3%. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ③ CONSTRUCT TRANSITION PANEL. MATCH PROPOSED AND EXISTING
- ④ CONSTRUCT PEDESTRIAN ACCESS THROUGH MEDIAN. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.



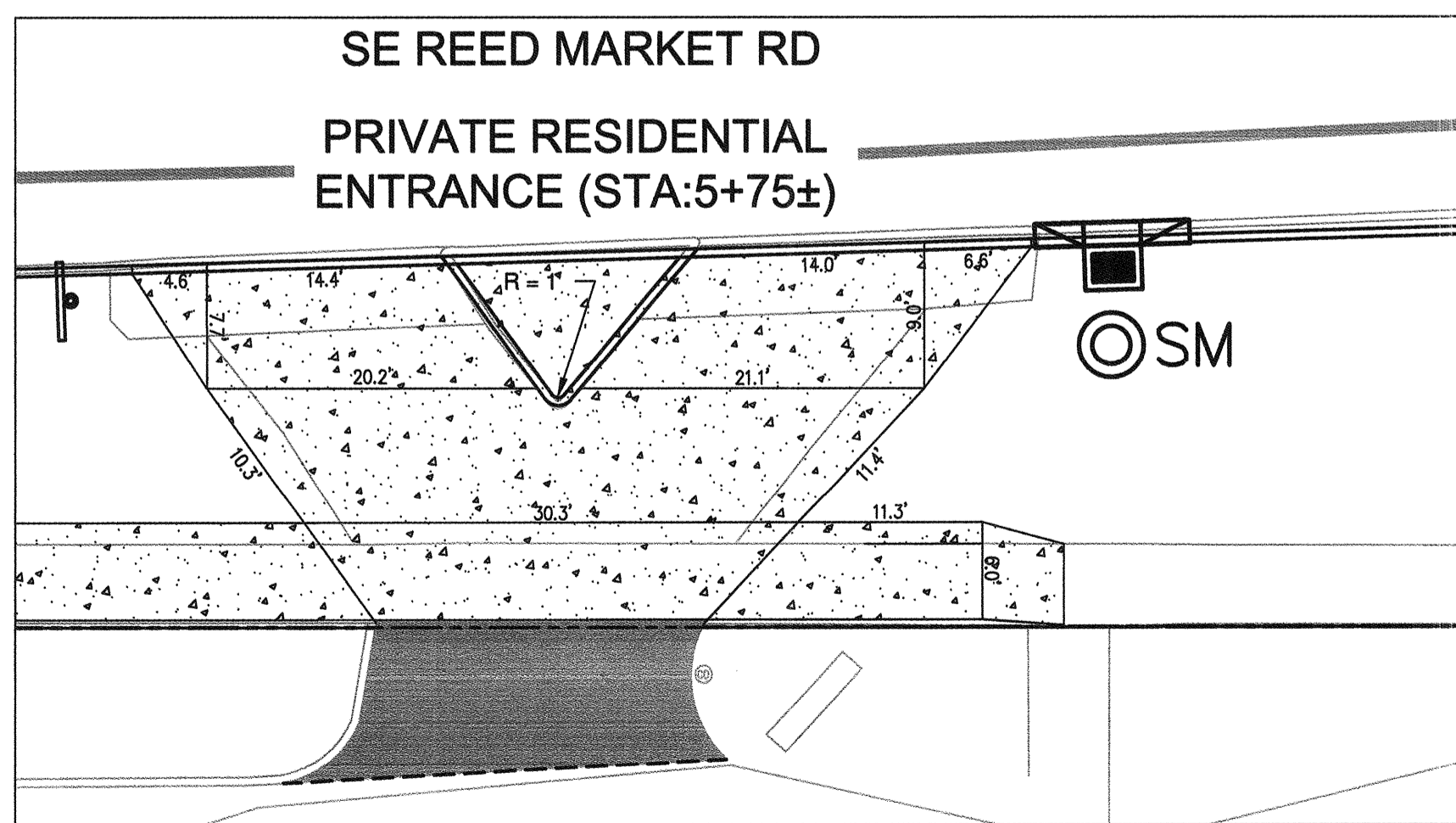
SE 3RD STREET DETAIL
SCALE: 1"=10'



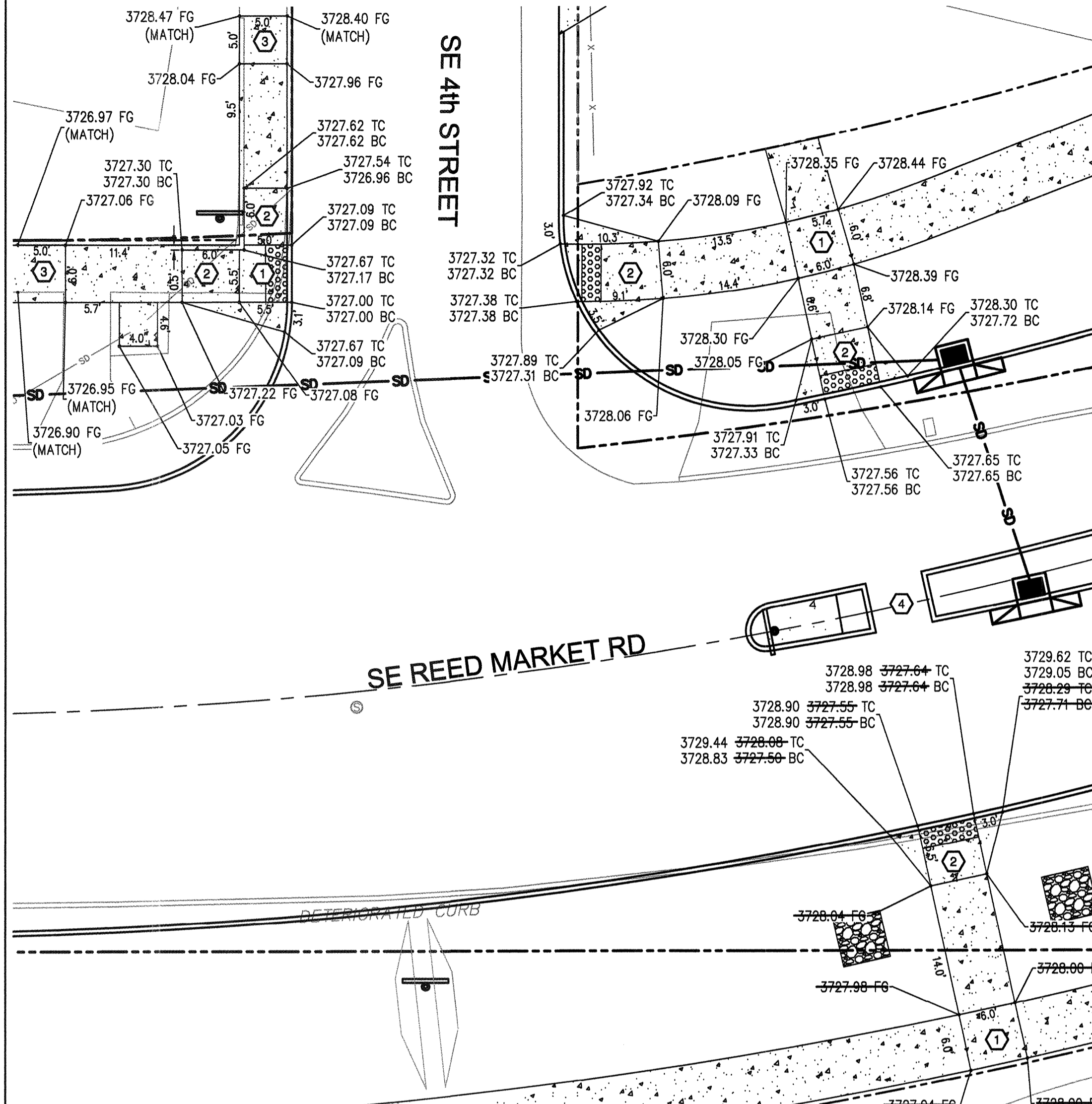
SE REED MARKET RD



PRIVATE BUSINESS ENTRANCE DETAIL
SCALE: 1"=10'



PRIVATE RESIDENTIAL ENTRANCE DETAIL
SCALE: 1"=10'



SE 4th STREET

SE 4TH STREET DETAIL
SCALE: 1"=10'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
CURB RAMP DETAIL**
CITY OF BEND, OREGON



REVISIONS:

1. WHB 12.18.15	RECORD DRAWING
2.	
3.	

**CENTURY WEST
ENGINEERING CORPORATION**
BEND OFFICE | 541.322.8962
1020 SW EMKAY DRIVE #100 | 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: SD-01_SD-04
DATE: 04/21/2014

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

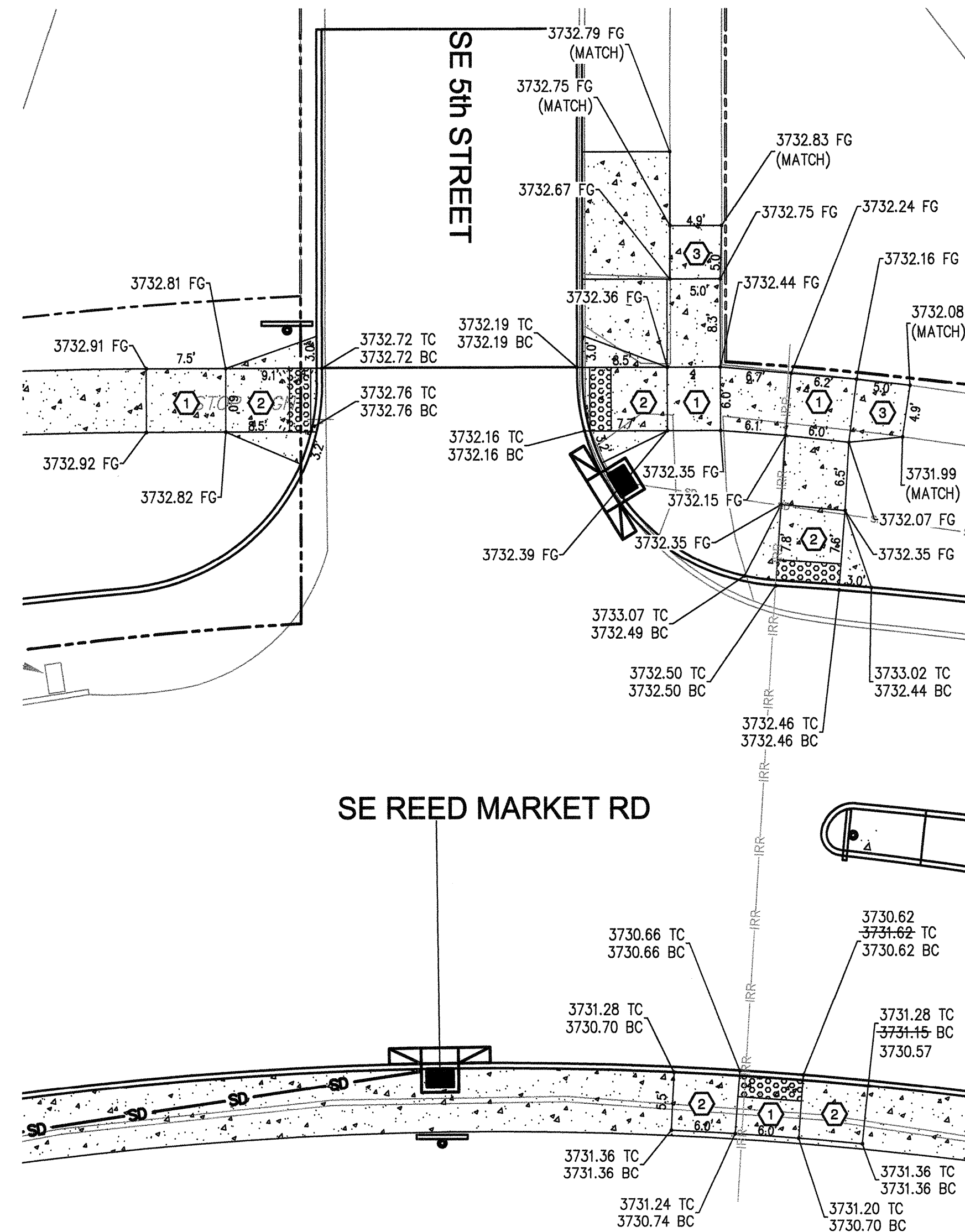
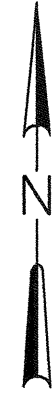
SHEET:
SD-01

COB # ST12CJ

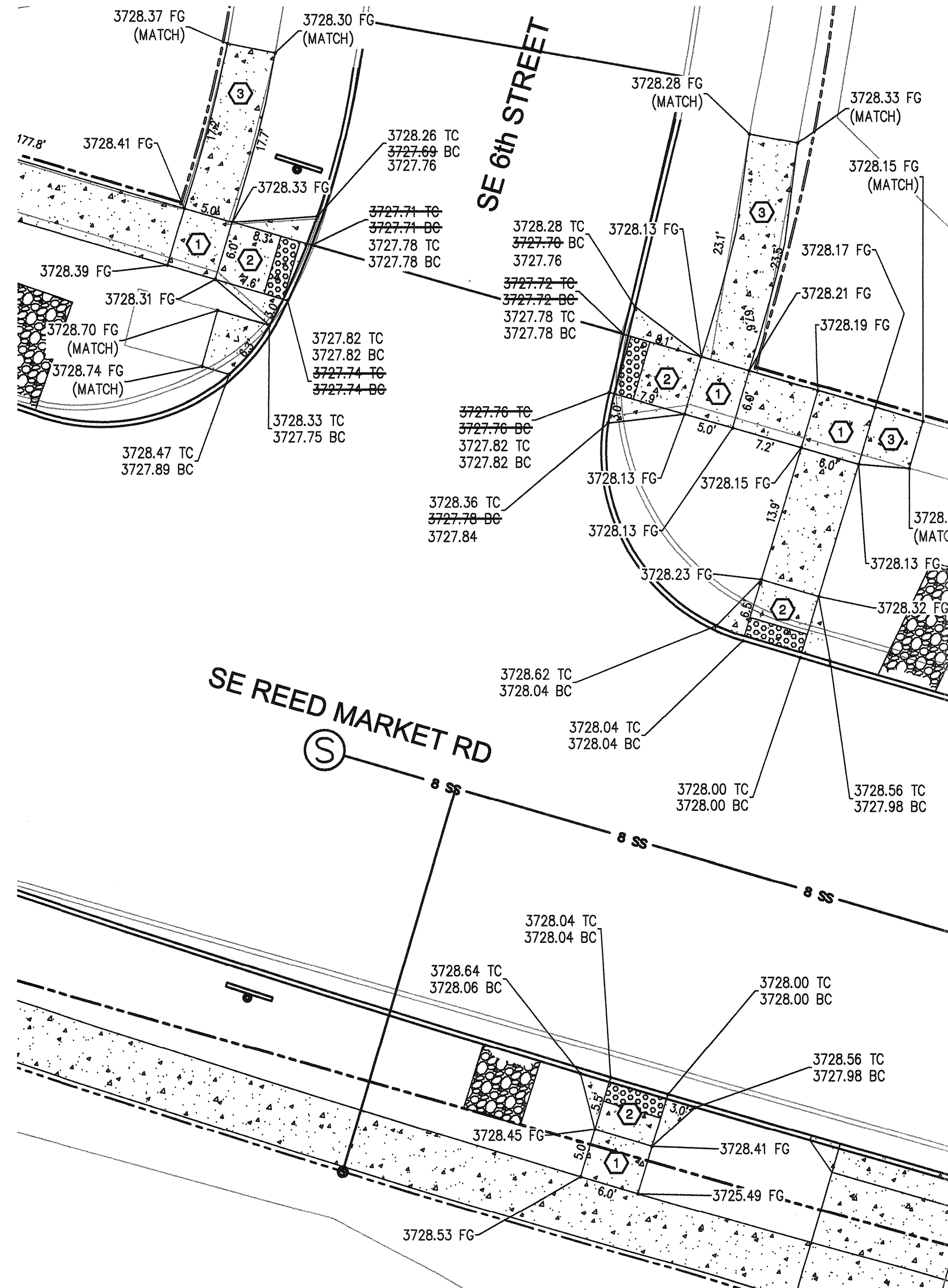
GENERAL NOTES

CONSTRUCT CURB RAMP PER COB STD DWGS R-6A AND R-6B

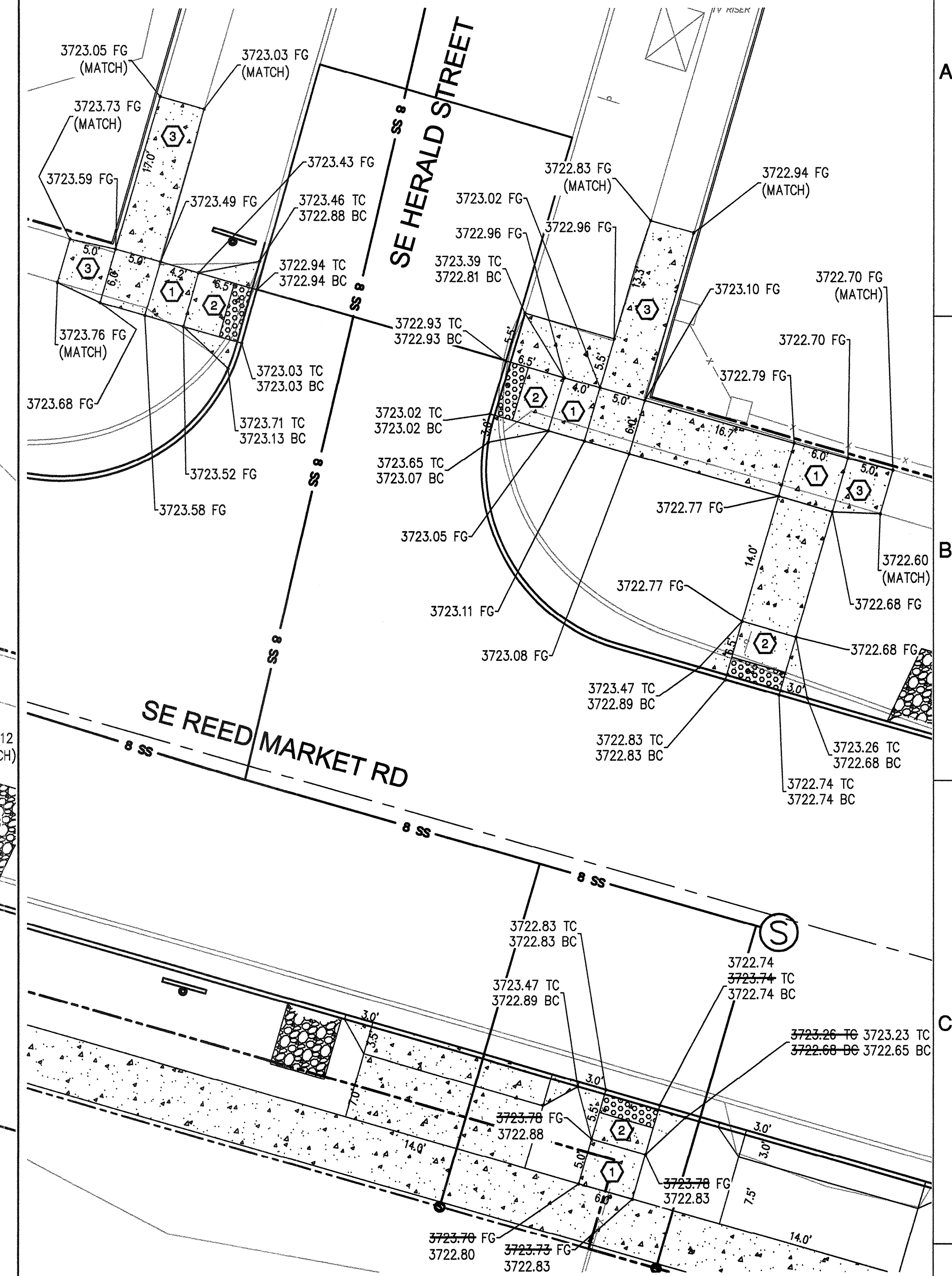
- ① CONSTRUCT REQUIRED LANDING. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ② CONSTRUCT RAMP. 1.5% (2.0% MAX) CROSS SLOPE. RUNNING SLOPE SHALL NOT EXCEED 8.3%. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ③ CONSTRUCT TRANSITION PANEL. MATCH PROPOSED AND EXISTING
- ④ CONSTRUCT PEDESTRIAN ACCESS THROUGH MEDIAN. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.



SE 5th STREET DETAIL
SCALE: 1"=10'



SE 6th STREET DETAIL
SCALE: 1"=10'

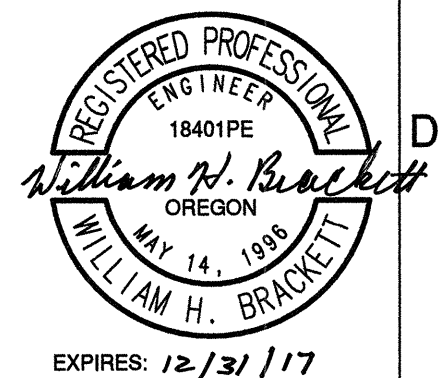


SE HERALD STREET DETAIL
SCALE: 1"=10'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
CURB RAMP DETAIL**
CITY OF BEND, OREGON



REVISIONS:

1. JML 9.16.14
2. WHB 12.18.15
3. RECORD DRAWING

**CENTURY WEST
ENGINEERING CORPORATION**
BEND OFFICE 541.332.8962
1020 SW ENKAY DRIVE #100 541.382.8423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: SD-01_SD-04
DATE: 04/21/2014

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

SHEET:

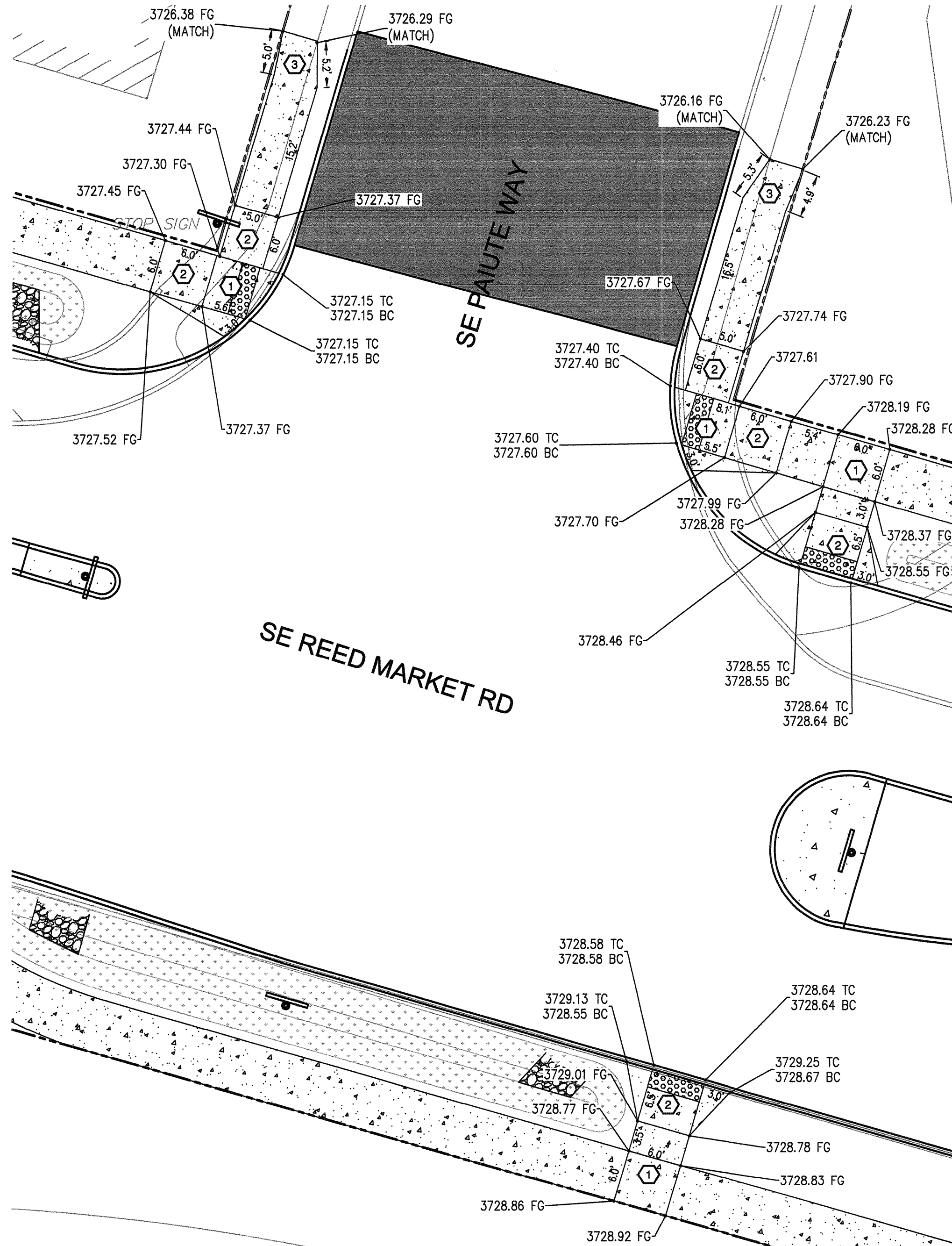
SD-02

COB # ST12CJ

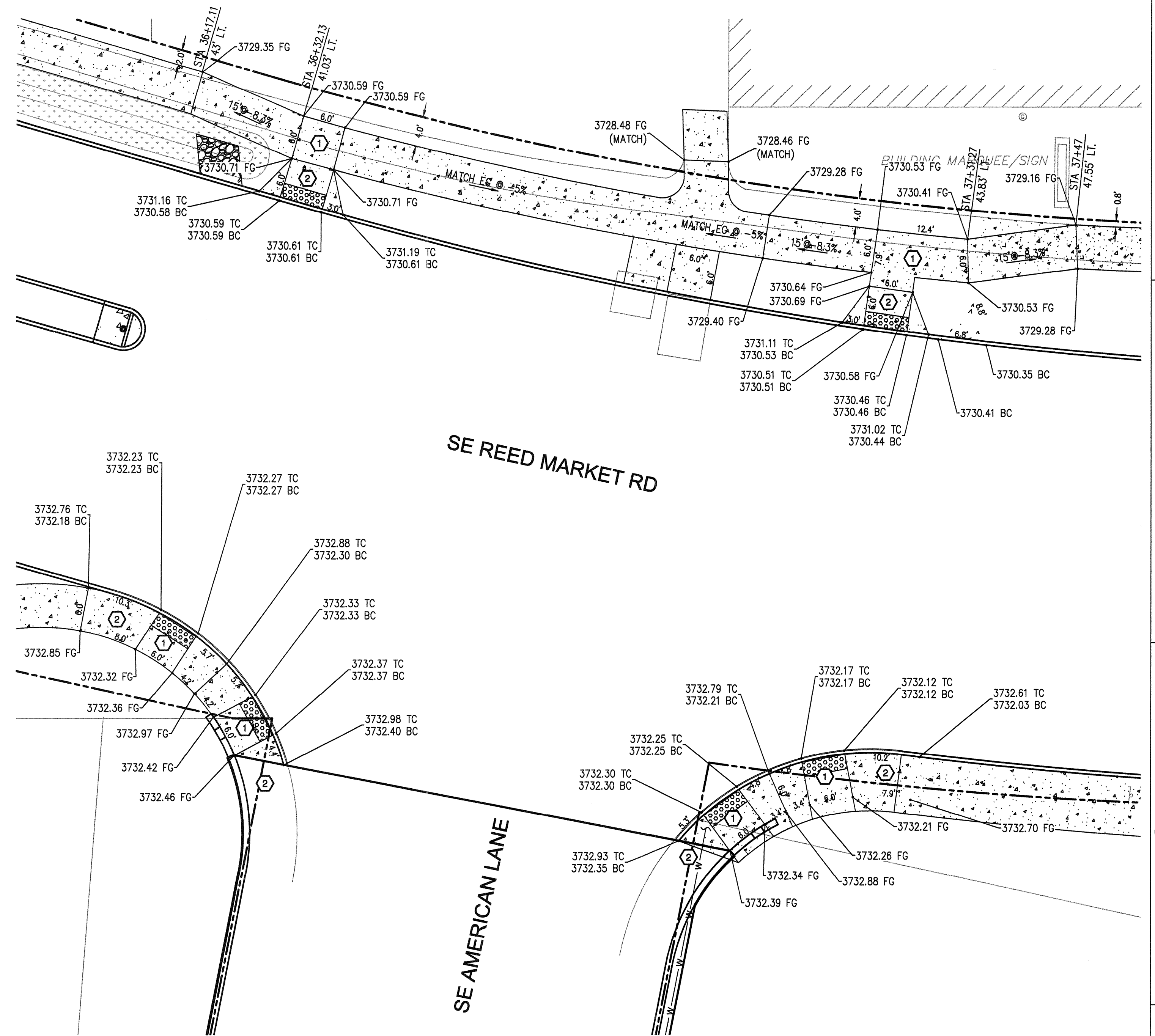
GENERAL NOTES

CONSTRUCT CURB RAMP PER COB STD DWGS R-6A AND R-6B

- ① CONSTRUCT REQUIRED LANDING. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ② CONSTRUCT RAMP. 1.5% (2.0% MAX) CROSS SLOPE. RUNNING SLOPE SHALL NOT EXCEED 8.3%. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.
- ③ CONSTRUCT TRANSITION PANEL. MATCH PROPOSED AND EXISTING
- ④ CONSTRUCT PEDESTRIAN ACCESS THROUGH MEDIAN. 1.5% (2.0% MAX) SLOPE IN EACH DIRECTION. CONSTRUCT DETECTABLE WARNING WHERE SHOWN.



SE PAIUTE WAY DETAIL
SCALE: 1"=10'

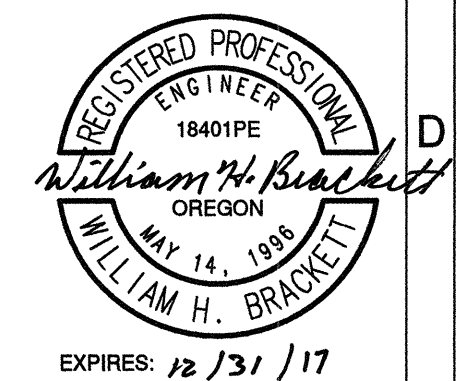


SE AMERICAN LANE DETAIL
SCALE: 1"=10'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
CURB RAMP DETAIL
CITY OF BEND, OREGON



REVISIONS:

1.	JML 9.16.14
2.	WHB 5.14.15
3.	WHB 12.18.15

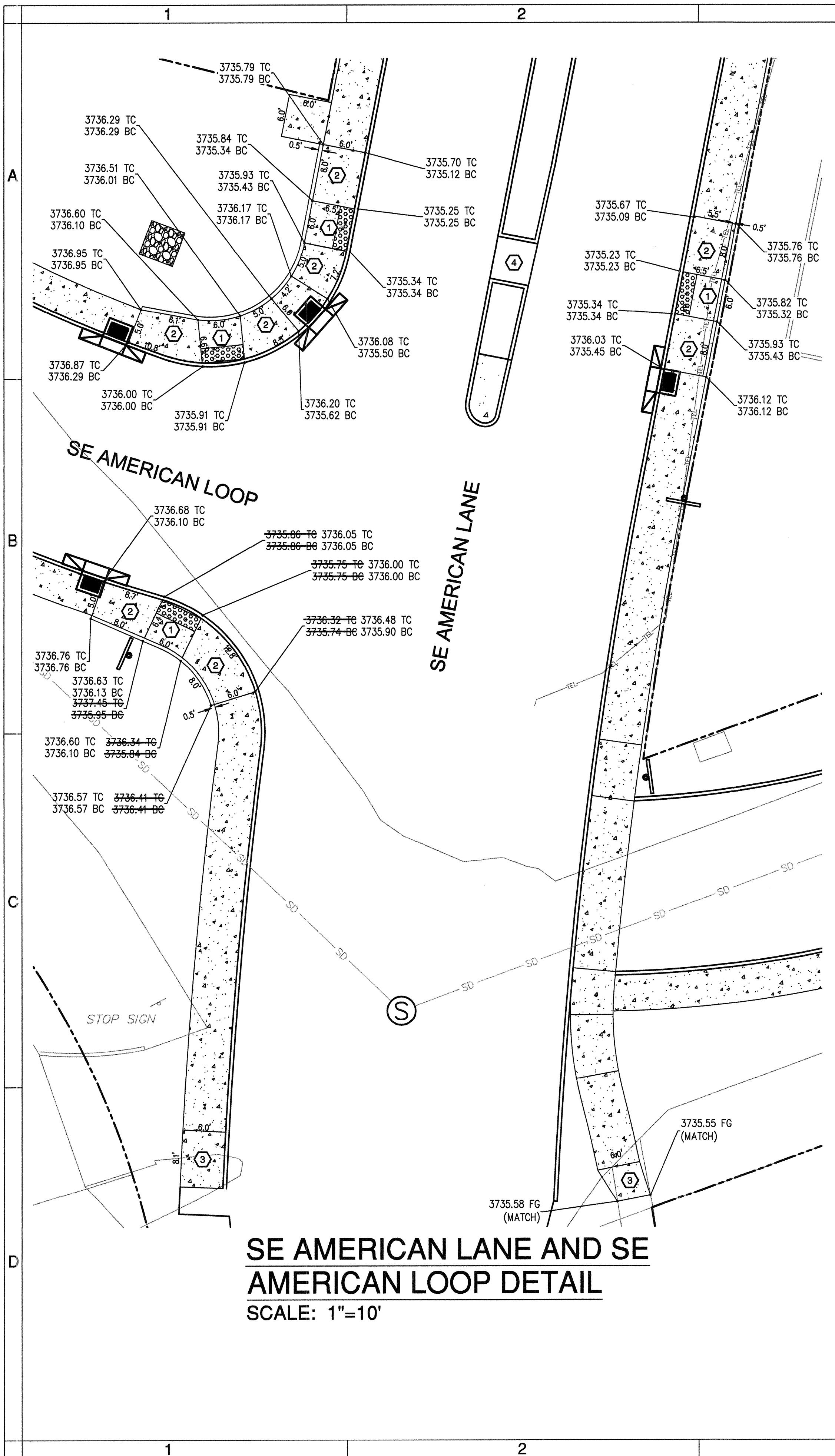
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE | 541.323.8963
1020 SW ENKAY DRIVE #100 | 541.323.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: SD-01 SD-04
DATE: 04/21/2014

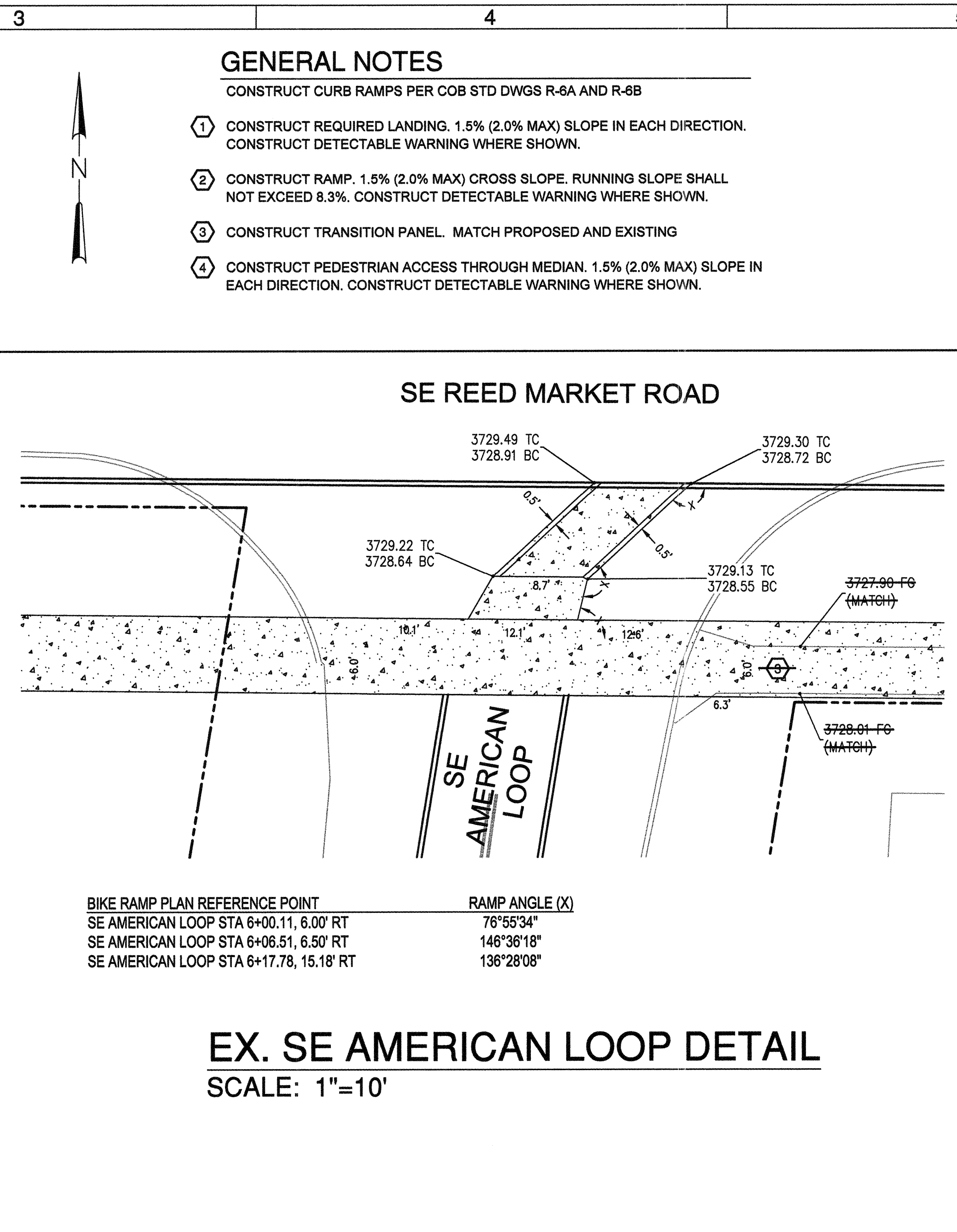
VERIFY SCALES
0 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING
SHEET:

SD-03

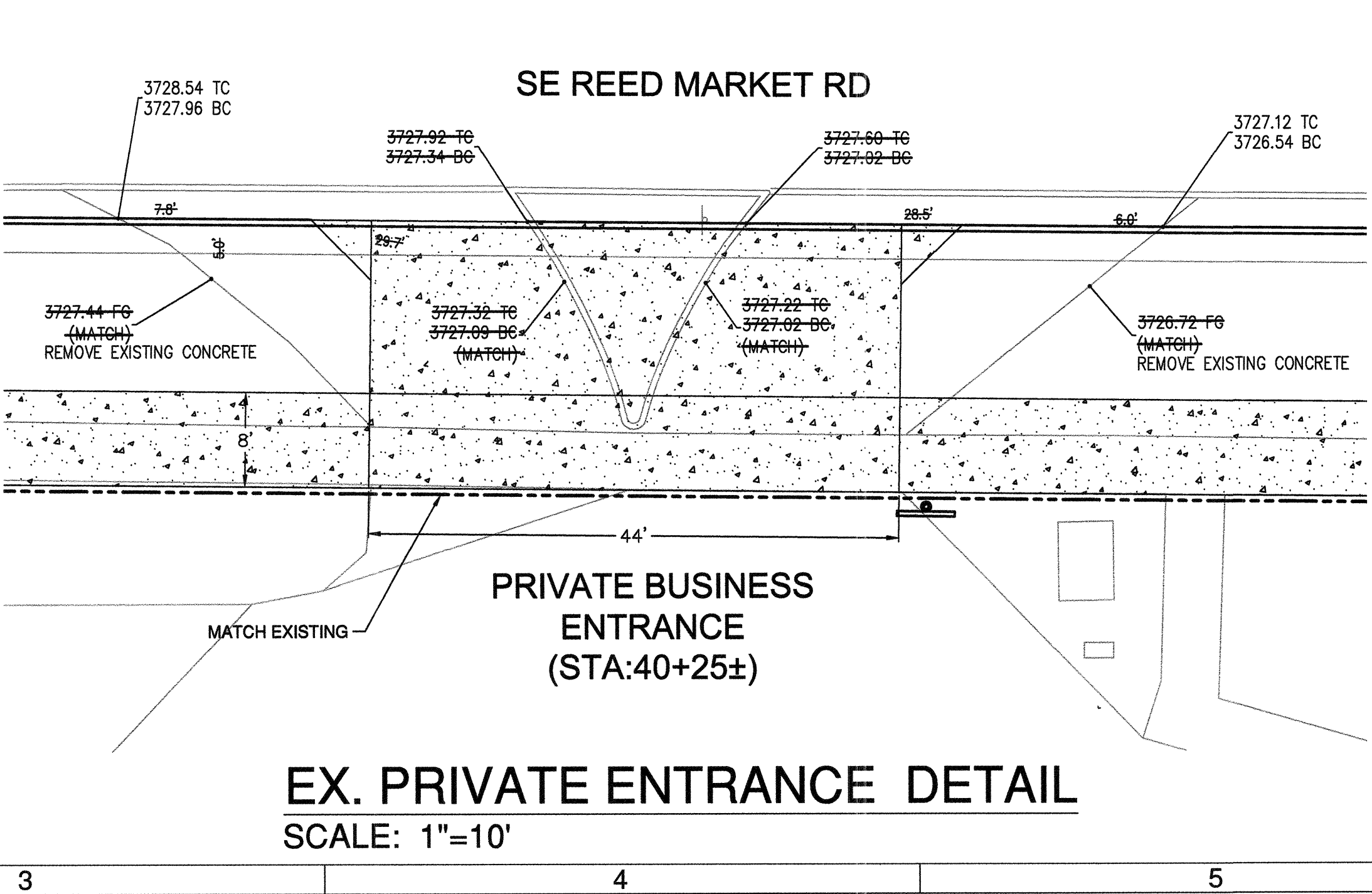
COB# ST12CJ



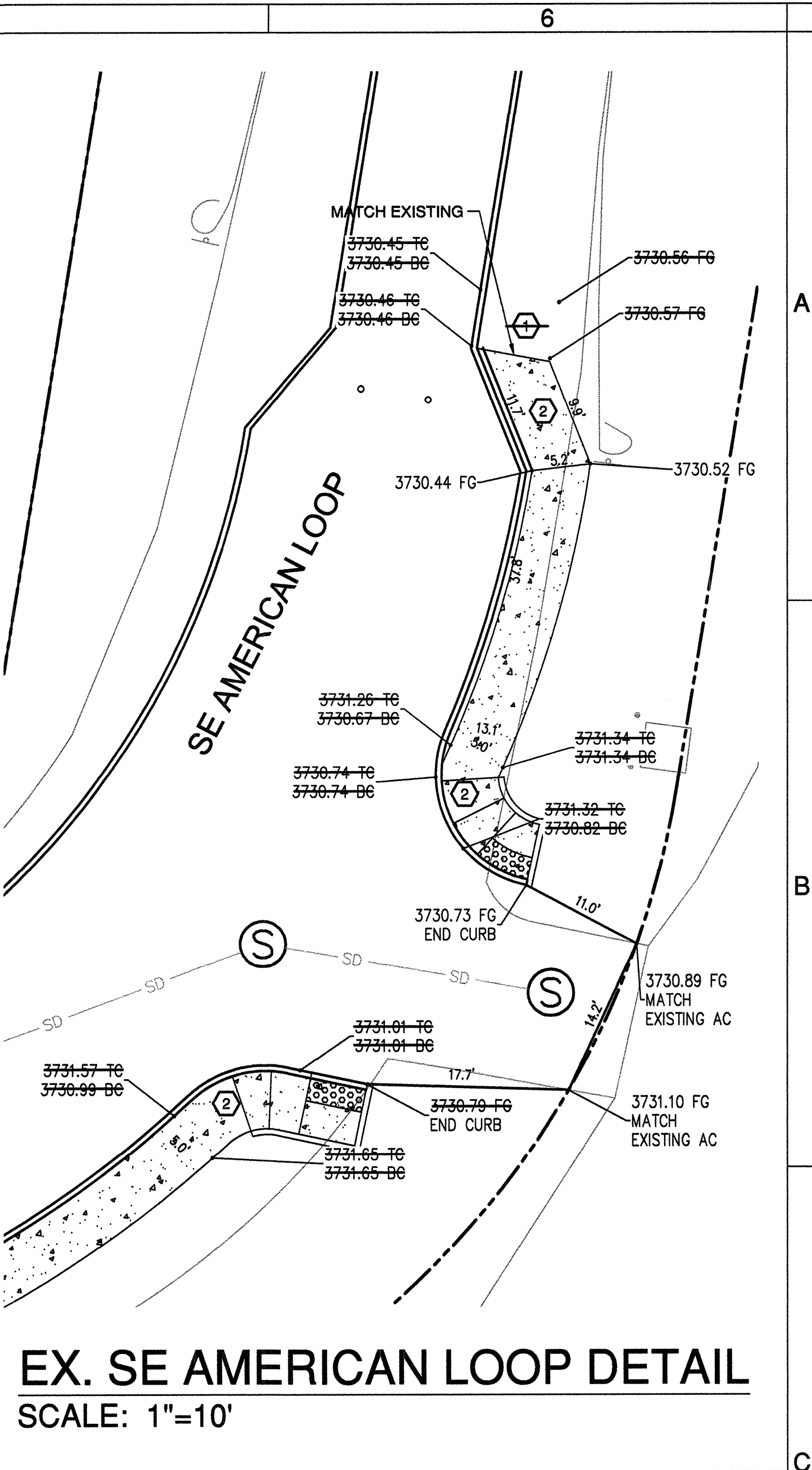
SE AMERICAN LANE AND SE AMERICAN LOOP DETAIL
SCALE: 1"=10'



EX. SE AMERICAN LOOP DETAIL
SCALE: 1"=10'



EX. PRIVATE ENTRANCE DETAIL
SCALE: 1"=10'



EX. SE AMERICAN LOOP DETAIL
SCALE: 1"=10'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature

1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
CURB RAMP DETAIL
CITY OF BEND, OREGON

REVISIONS:

1. JML 5.12.14	RECORD DRAWING
2. WHB 12.18.15	
3.	

CENTURY WEST ENGINEERING CORPORATION
BEND OFFICE | 541.322.8963
1020 SW EMKAY DRIVE #100 | BEND, OR 97702 | WWW.CENTURYWEST.COM

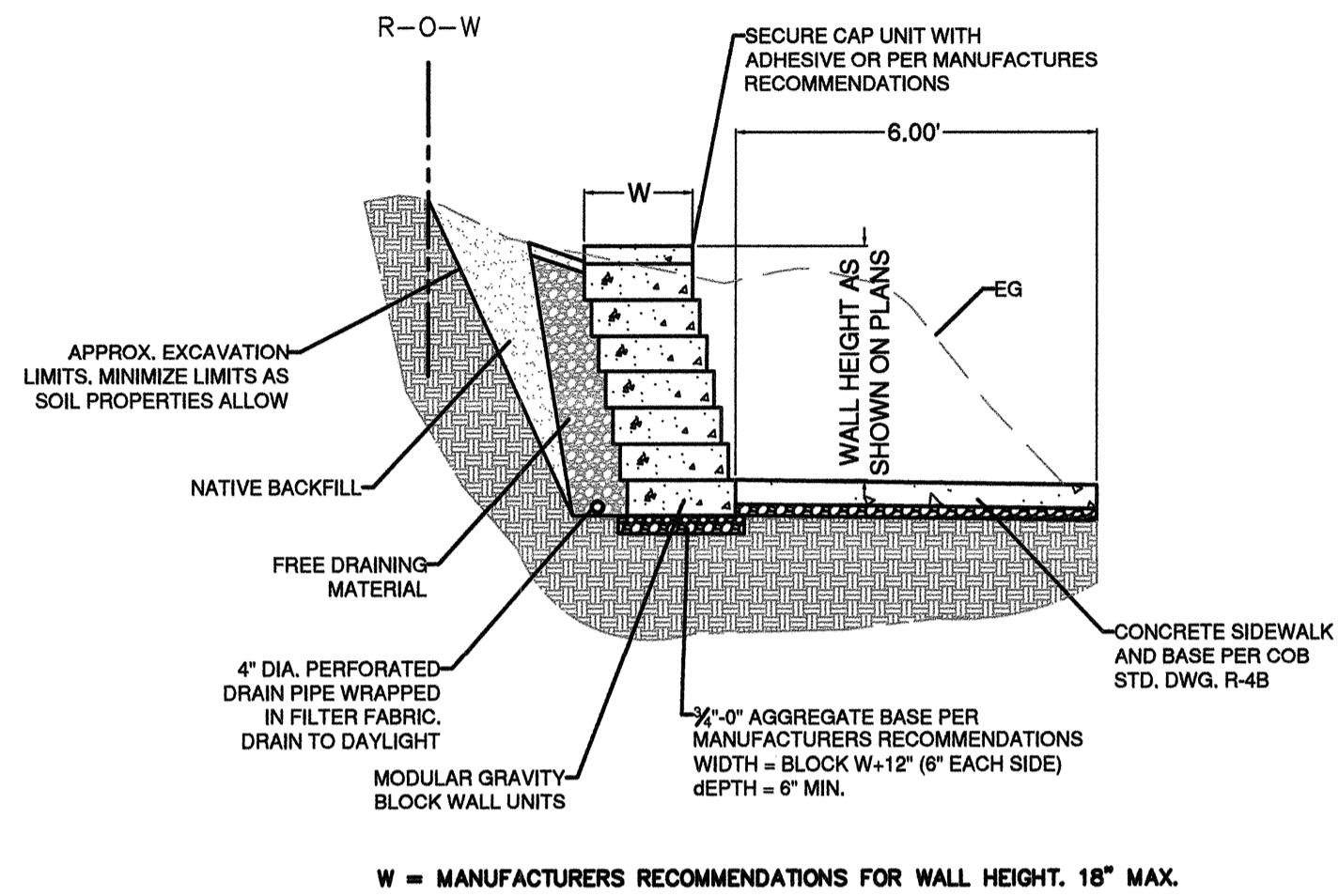
DESIGNED BY: JML
DRAWN BY: JUB
SCALE: AS NOTED
FILE: SD-01_SD-04

DATE: 04/21/2014

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

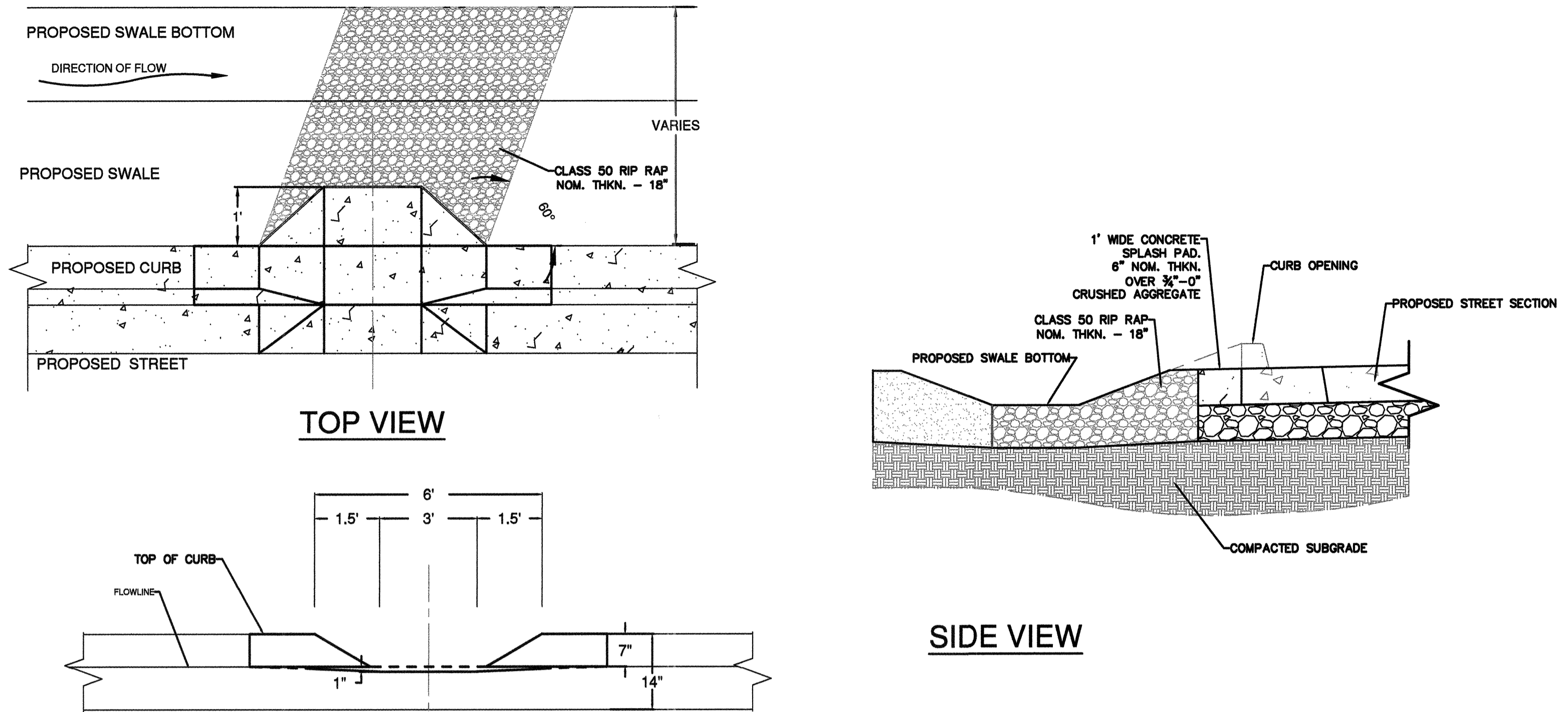
SHEET: **SD-04**

COB # ST12CJ



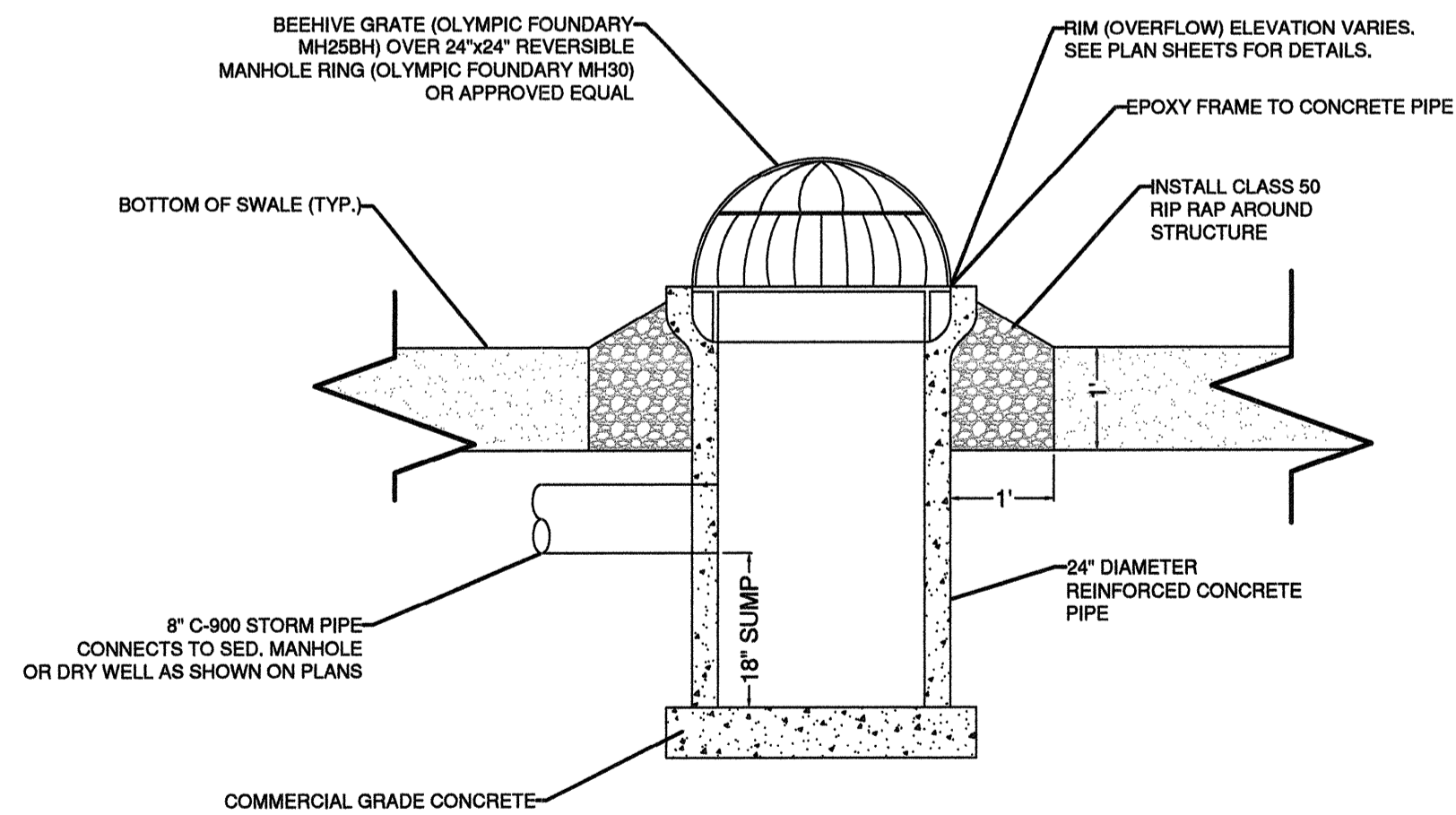
MODULAR GRAVITY BLOCK WALL - CUT SECTION
NTS

1
SD-05



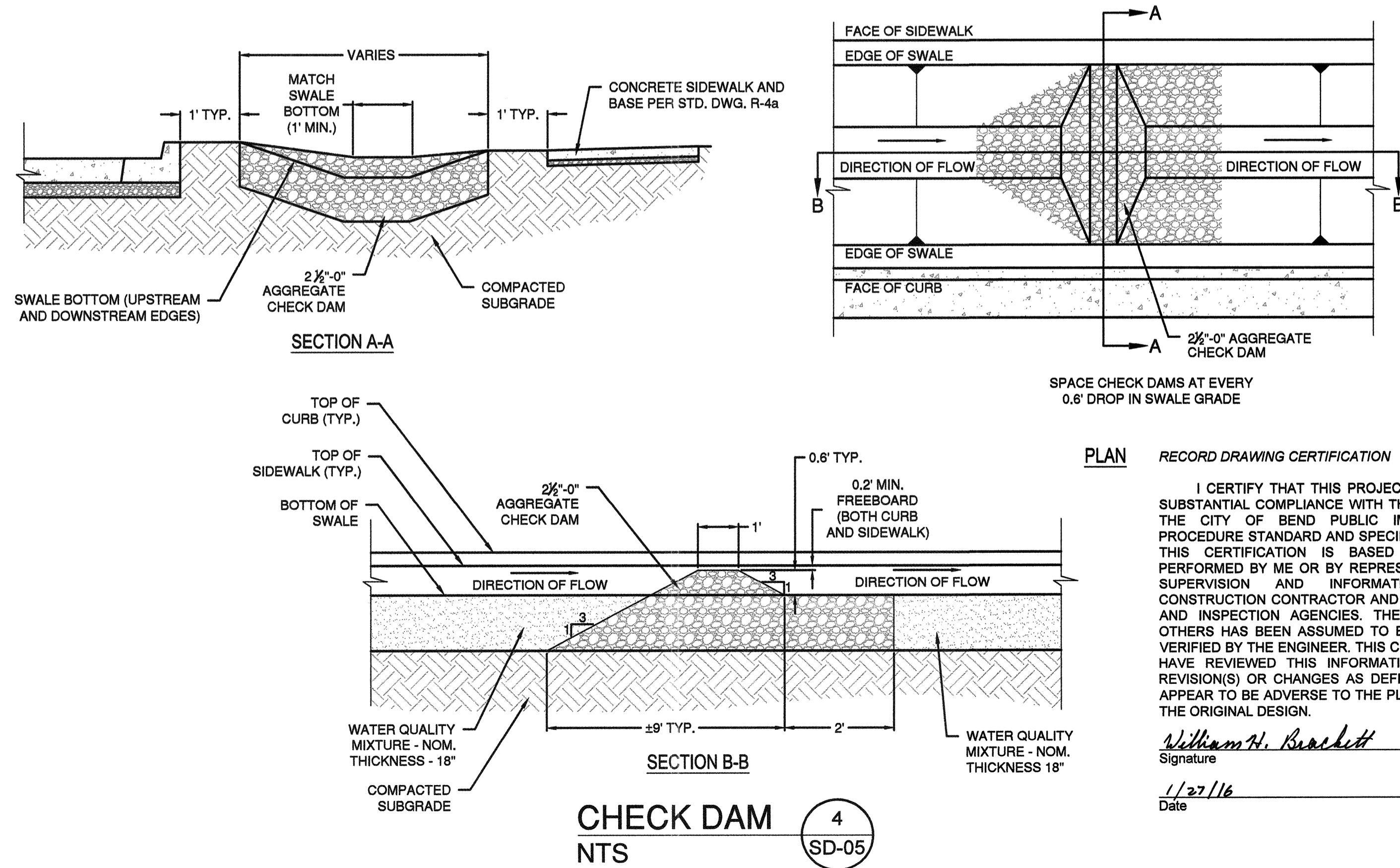
TYPICAL CURB CUT
NTS

2
SD-05



SWALE OVERFLOW STRUCTURE
NTS

3
SD-05



CHECK DAM
NTS

4
SD-05

PLAN RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature

1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TYPICAL DETAILS
CITY OF BEND, OREGON



REVISIONS:
1. WHB 3.4.15
RDREW DET. 4
2. WHB 12.18.15
RECORD DRAWING
3.

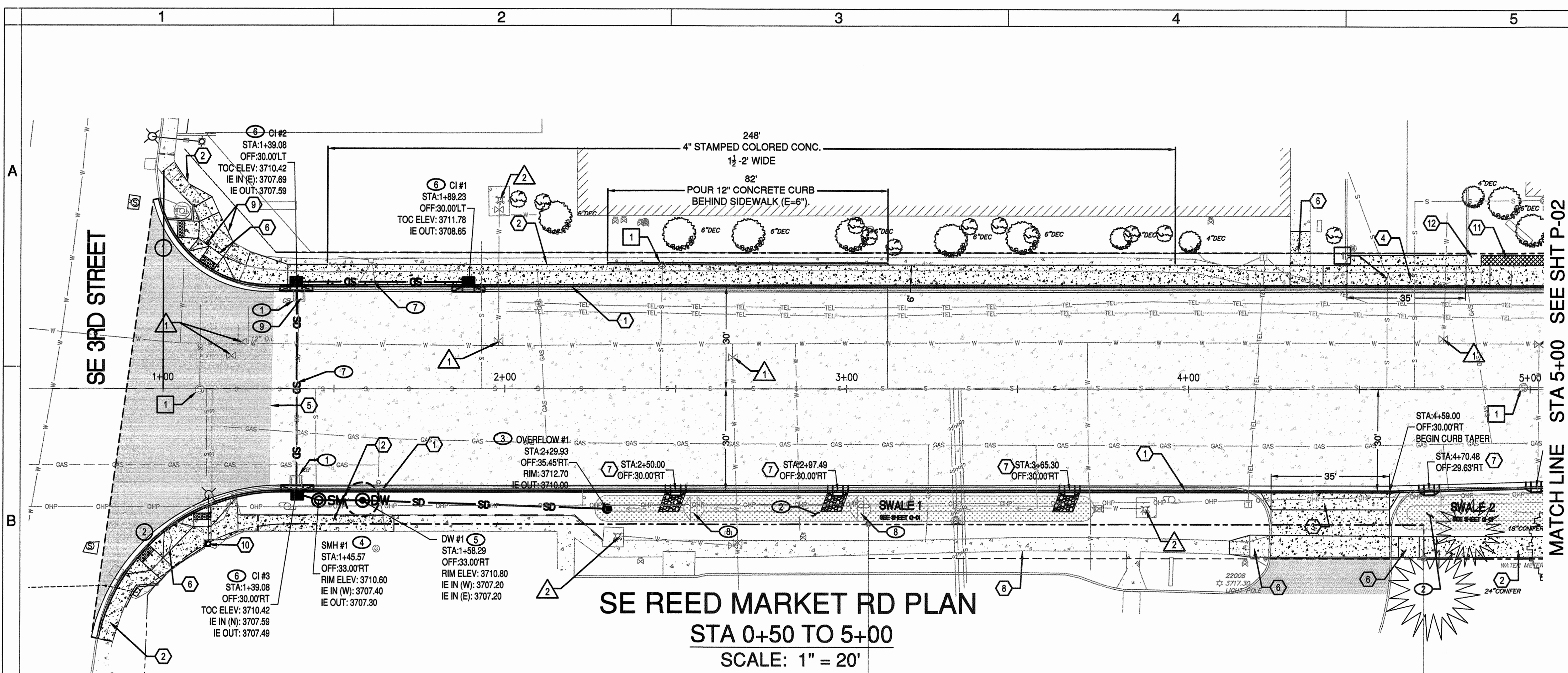
CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE 1541 222.8963
1020 SW EMKAY DRIVE #200 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JUB
SCALE: AS NOTED
FILE: SD-01_SD-05
DATE: 04/21/2014

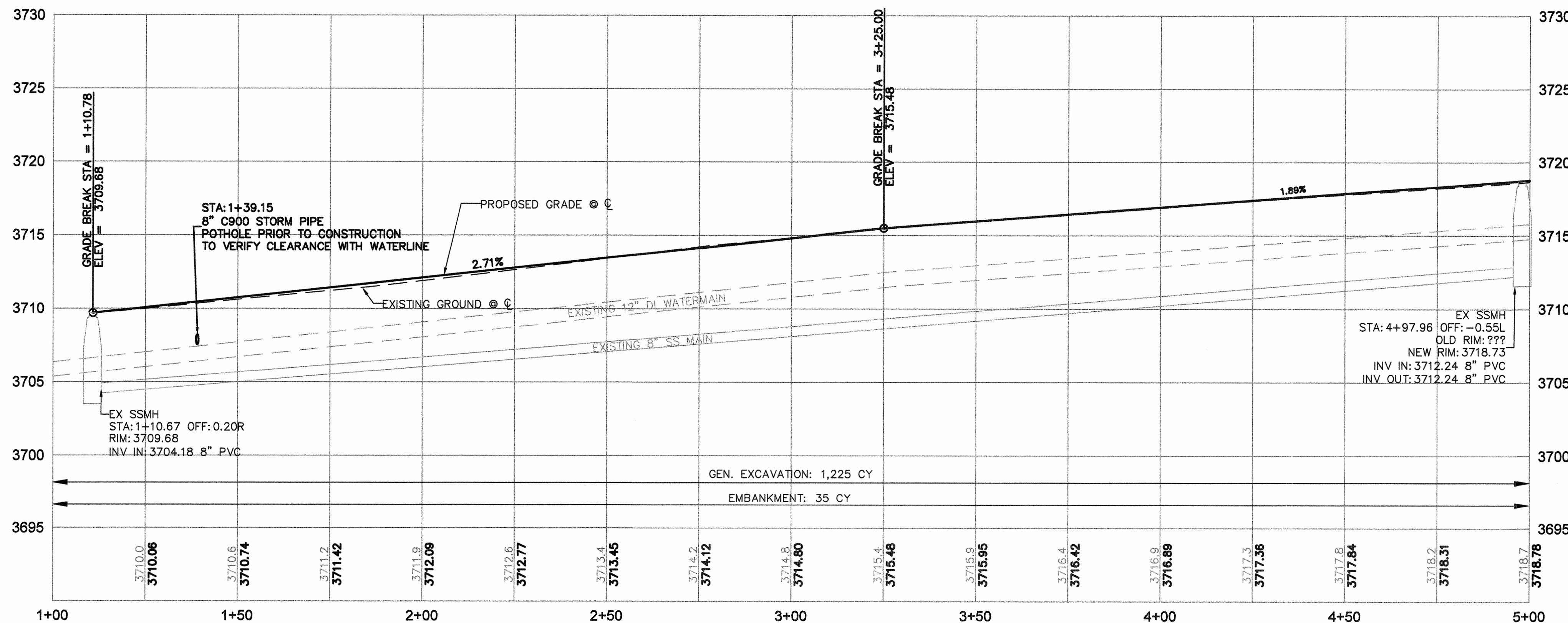
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
SD-05

COB # ST12CJ



SE REED MARKET RD PLAN
STA 0+50 TO 5+00
SCALE: 1" = 20'



SE REED MARKET RD PROFILE
STA 0+50 TO 5+00
SCALE: 1" = 20' HORIZ
1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/ SD-06
GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT STANDARD SETBACK SIDEWALK DRIVEWAY PER COB STD DWG R-5A
- 4 CONSTRUCT FULLY LOWERED CURB-TIGHT SIDEWALK DRIVEWAY PER COB STD DWG R-5B
- 5 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL 1/ SD-06
- 6 SEE SD-01 THROUGH SD-04 FOR CURB RAMP DETAILS
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-06
- 8 EXISTING SIDEWALK TO REMAIN IN PLACE
- 9 RELOCATE PED PUSH BUTTONS POLE
- 10 PED PUSH BUTTONS TO REMAIN
- 11 STA:4+85.54 TO STA:7+06.40 CONSTRUCT MODULAR GRAVITY BLOCK WALL. SEE DETAIL 1/ SD-01
- 12 36" BOULDERS-5 TOTAL

SANITARY SEWER NOTES

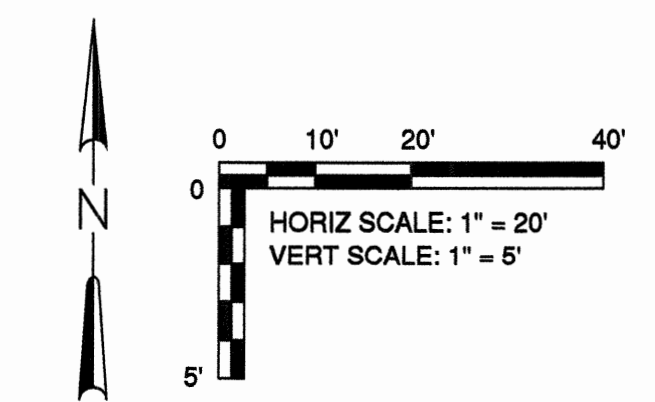
- 1 ADJUST STRUCTURES TO GRADE TYP.

STORM SEWER NOTES

- 1 EXISTING CATCHBASINS AND CONNECTING PIPES TO BE REMOVED
- 2 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-01
- 3 CONSTRUCT OVERFLOW STRUCTURE PER DETAIL ON SHEET SD-05
- 4 CONSTRUCT SEDIMENTATION MANHOLE PER COB STD DWGS STRM-7 AND STRM-8
- 5 CONSTRUCT DRYWELL PER COB STD DWG R-12 AND STRM-8
- 6 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 7 CONSTRUCT 8" C 900 STORM SEWER PIPE
- 8 CONSTRUCT CHECK DAM PER DETAIL 4/ SD-05
- 9 DECOMMISSION EXISTING DRILL HOLE

WATER NOTES

- 1 ADJUST STRUCTURES TO GRADE (TYP.)
- 2 EXISTING FIRE HYDRANT TO REMAIN. PROTECT IN PLACE



CURB RETURN TABLE					
DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH	
1	PC	01+30.64, 30.00' LT	3708.99'	33.00'	55.98'
	1/4A		3709.02'		
	3/4A		3709.47'		
PT	STA 00+97.90, 67.11' LT	3709.54'			
2	PC	STA 00+79.87, 77.88' RT	3711.00'	55.00'	79.28'
	1/4A		3710.35'		
	3/4A		3710.28'		
PT	STA 01+34.40, 30.00' RT	3709.63'			

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

Signature: *William H. Brackett*
 Date: 1/27/16



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR PLAN AND PROFILE, STA 0+50 TO 5+00
 CITY OF BEND, OREGON



REVISIONS:
 1. JML 5.12.14 (1)
 2. WHB 12.18.15
 RECORD DRAWING
 3.

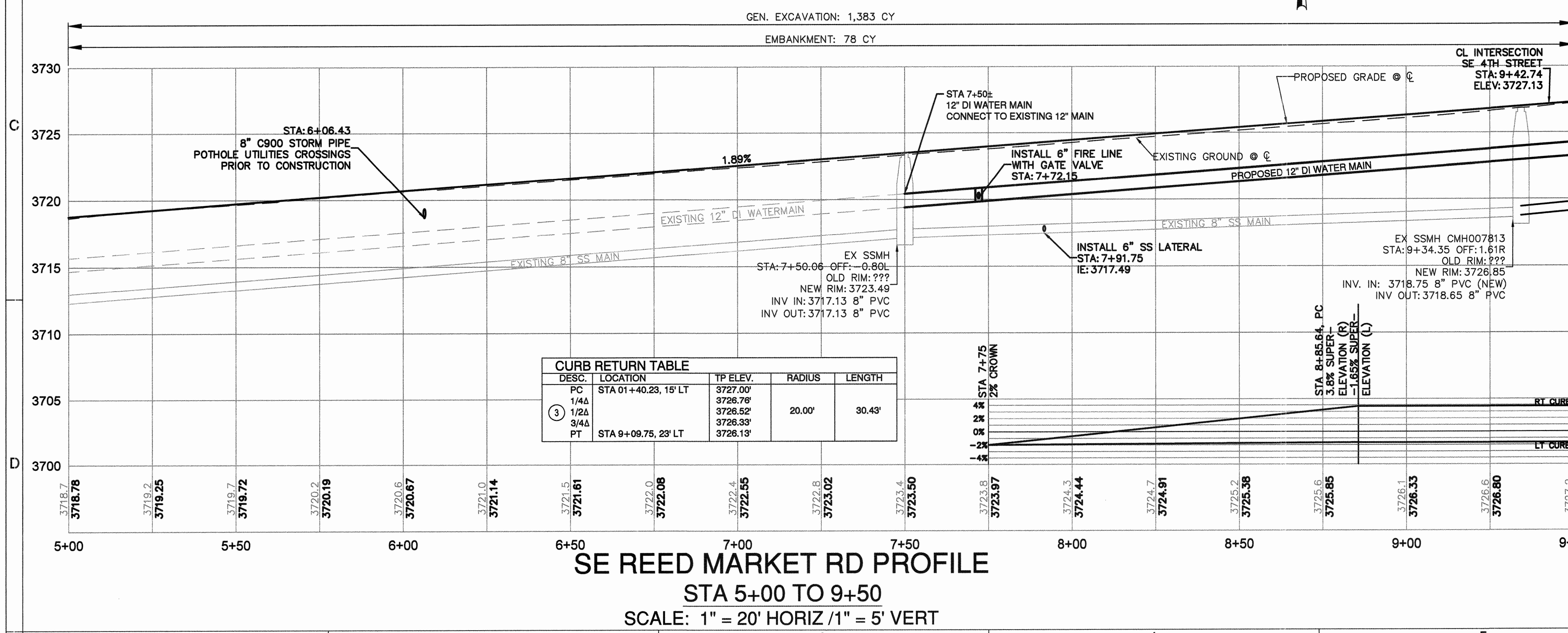
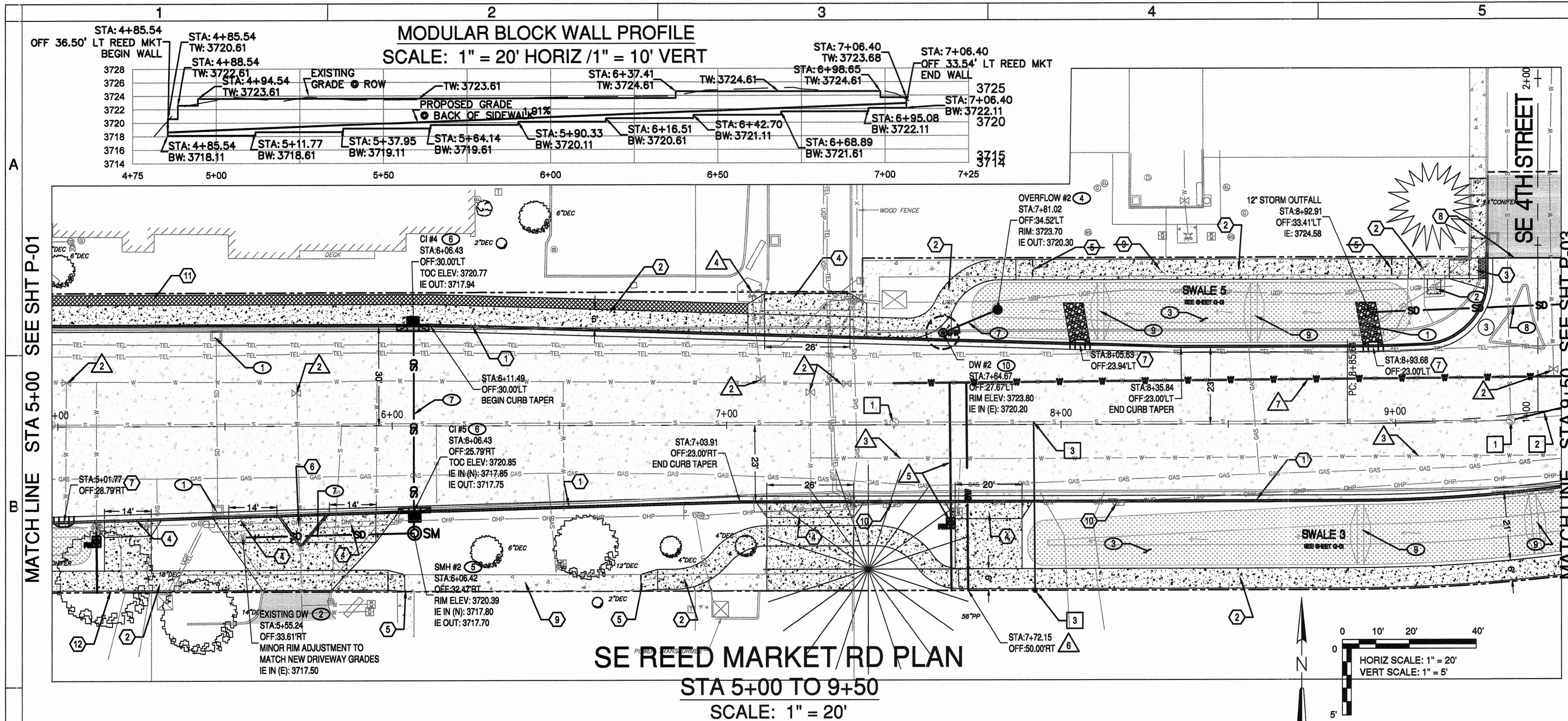
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 1541 322, 8962
 1020 SW EMKAY DRIVE #100 541 382, 2423 (FAX)
 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-01_P-06
 DATE: 04/21/2014

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

SHEET:
P-01

COB # ST12CJ



ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/SD-06
GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-01
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 MATCH EXISTING SIDEWALK GRADES (TYP)
- 6 CONSTRUCT CONCRETE CURB SPLITTER ISLAND. SEE DETAIL SD-05
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-07
- 9 EXISTING SIDEWALK TO REMAIN IN PLACE
- 10 UTILITY POLE TO BE RELOCATED BY OTHERS
- 11 STA 4+85.54 TO STA 7+06.40 CONSTRUCT MODULAR GRAVITY BLOCK WALL. SEE DETAIL 1/SD-05.
- 12 PLACE 36" BOULDERS

SANITARY SEWER NOTES

- 1 ADJUST STRUCTURES TO GRADE TYP.
- 2 INSTALL 8" PVC SANITARY SEWER PER COB STD DWG S-1
- 3 STA 7+91.75 OFF 0.79' LT. INSTALL 50 LF 8" GRAVITY SEWER SERVICE AT 3% SLOPE PER COB STD DWG S-2. IE AT ROW = 3719.00

STORM SEWER NOTES

- 1 EXISTING CATCH BASIN AND CONNECTED PIPE TO BE REMOVED
- 2 EXISTING DRY WELL TO REMAIN IN PLACE. CLEAN INTERIOR AND REMOVE ANY DEBRIS AND SEDIMENT.
- 3 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-01
- 4 CONSTRUCT OVERFLOW STRUCTURE PER DETAIL ON SHEET SD-05
- 5 CONSTRUCT SEDIMENTATION MANHOLE PER COB STD DWGS STRM-7 AND STRM-8
- 6 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 7 CONSTRUCT 8" C900 STORM SEWER PIPE
- 8 CONSTRUCT 12" C900 STORM SEWER PIPE
- 9 CONSTRUCT CHECK DAM PER DETAIL 4/SD-05
- 10 CONSTRUCT DRY WELL PER COB STD DWG R-12 AND STRM-8

WATER NOTES

- 1 RELOCATE EXISTING WATER METER AND INSTALL NEW COMMERCIAL METER BOX PER COB STD DWGS W-5. FIELD VERIFY THE SERVICE SIZE IS 1" DIAMETER. NOTIFY OWNER IF DIFFERENT SIZE.
- 2 ADJUST STRUCTURES TO GRADE (TYP.)
- 3 EXISTING 2" WATER MAIN TO BE REMOVED AFTER NEW 12" MAIN IS IN SERVICE. NOTIFY ENGINEER OF ANY CONNECTIONS NOT SHOWN.
- 4 EXISTING FIRE HYDRANT TO REMAIN. PROTECT IN PLACE
- 5 INSTALL NEW 2" WATER SERVICE LINE CONNECTING TO 12" MAIN AND NEW METER BOX PER COB STD DWG W-5A. STUB SERVICE NEW BOX FOR FUTURE METER.
- 6 INSTALL 6" FIRE SERVICE LINE WITH GATE VALVE. EXTEND TO THE PROPERTY LINE
- 7 INSTALL NEW 12" DI WATERLINE

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

Signature: *William H. Brackett*
Date: 1/27/16
Expires: 12/31/17

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR PLAN AND PROFILE, STA 5+00 TO 9+50
CITY OF BEND, OREGON



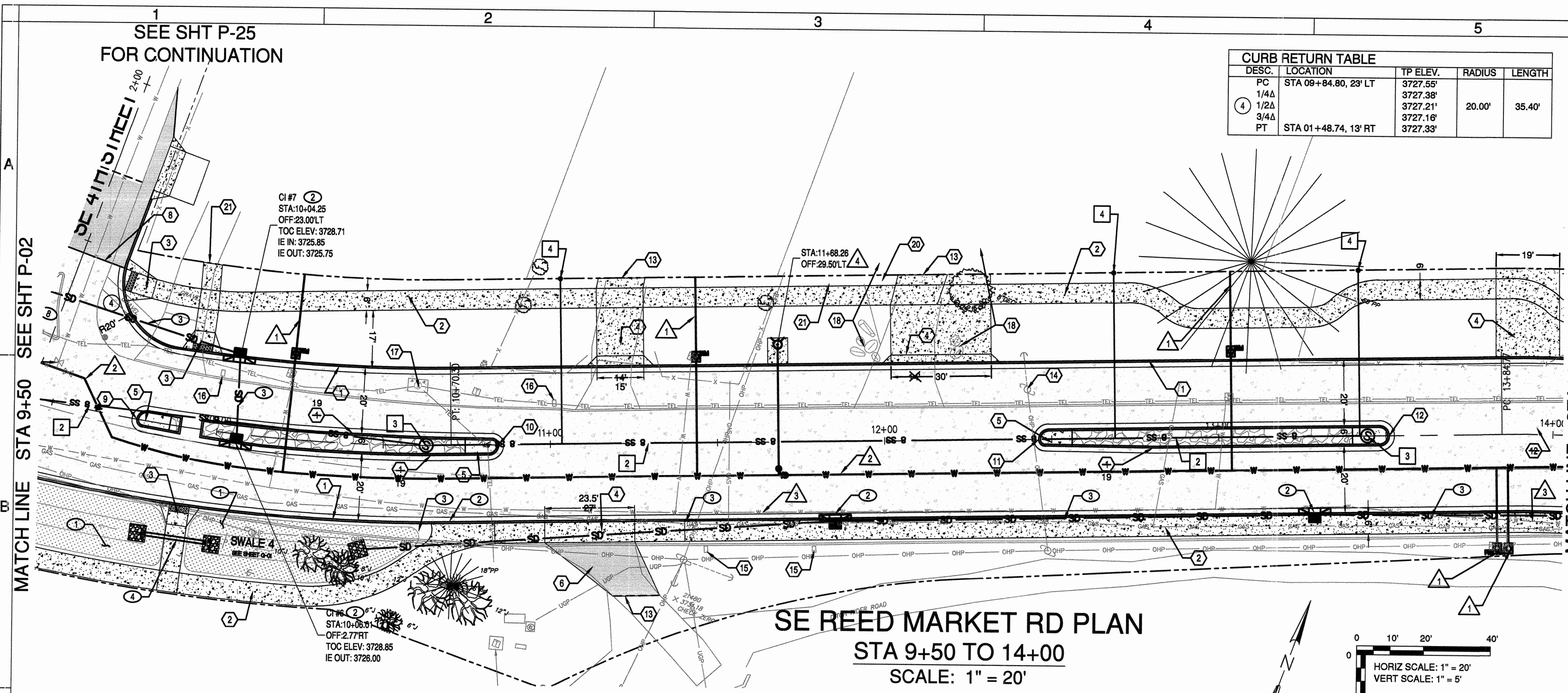
DESIGNED BY: JML	DATE: 04/21/2014
DRAWN BY: JML	SCALE: AS NOTED
CHECKED BY: JML	FILE: P-01_P-07
REVISIONS:	RECORD DRAWING

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BEND OFFICE 541.322.8962
1020 SW EMKAY DRIVE # 100 541.382.2423 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

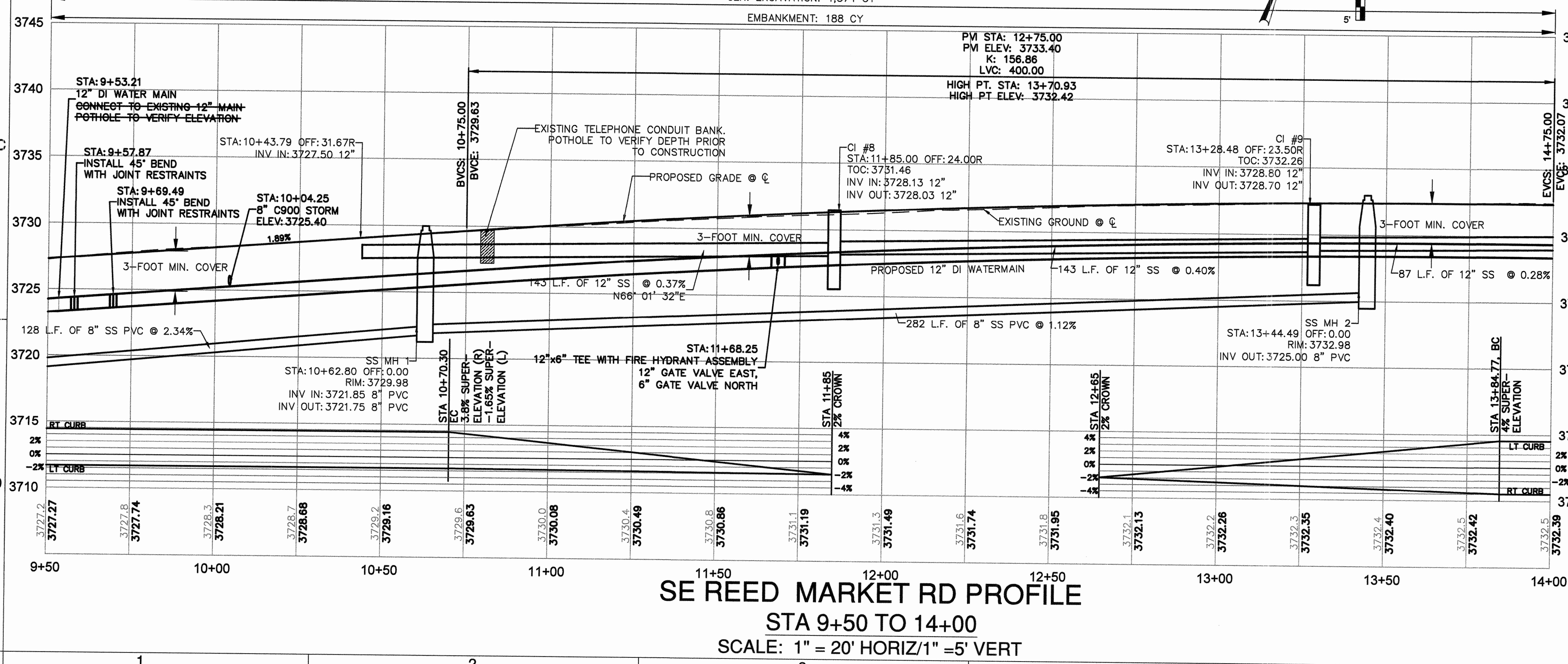
DESIGNED BY: JML
DRAWN BY: JML
CHECKED BY: JML
SCALE: AS NOTED
FILE: P-01_P-07
DATE: 04/21/2014

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

SHEET: **P-02**
COB # ST12CJ



SE REED MARKET RD PLAN
STA 9+50 TO 14+00
 SCALE: 1" = 20'



ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/ SD-08 GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-01
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT MEDIAN END DETAIL PER COB STANDARD DWG R-25
- 6 CONSTRUCT AC DRIVEWAY TRANSITION PER DETAIL 4/ SD-08. MATCH EXISTING GRADES
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-06
- 9 STA. 09+75.81 START RAISED MEDIAN
- 10 STA. 10+84.49 END RAISED MEDIAN
- 11 STA. 12+46.08 START RAISED MEDIAN
- 12 STA. 13+51
- 13 STA. 14+06.14 END RAISED MEDIAN
- 14 MATCH EXISTING DRIVEWAY GRADE
- 15 UTILITY POLE TO BE RELOCATED BY OTHERS
- 16 RELOCATE EXISTING MAILBOX BEHIND CURB
- 17 REMOVE EXISTING MAILBOX AND RETURN TO HOMEOWNER. NEW MAILBOX LOCATION TO BE ON 5TH STREET. SEE SHEET P-26
- 18 EXISTING CENTURY LINK JUNCTION MANHOLE. ADJUST RIM TO MATCH FINISHED GRADE. EXISTING RIM 3730.25. NEW RIM: 3728.79 COORDINATE WITH CENTURY LINK PRIOR TO WORK
- 19 RELOCATE EXISTING LANDSCAPE BOULDERS. COORDINATE WITH HOMEOWNERS FOR NEW LOCATIONS
- 20 CONSTRUCT CONCRETE CURB (H=16", E=7").
- 21 CONSTRUCT ROCK WALL
- 22 CONSTRUCT GRAVEL PATH

SANITARY SEWER NOTES

- 1 ADJUST STRUCTURES TO GRADE TYP.
- 2 INSTALL 8" PVC SANITARY SEWER PER COB STD DWG S-1
- 3 INSTALL 48" CONCRETE STANDARD MANHOLE PER COB STD DWGS S-3A AND S-3B
- 4 INSTALL GRAVITY SANITARY SEWER SERVICE PER COB STD DWG S-2

STORM SEWER NOTES

- 1 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-01
- 2 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 3 CONSTRUCT 12" C 900 STORM SEWER PIPE
- 4 CONSTRUCT 19' L.F. OF 12" C 900 DRAINAGE CULVERT AT 1.7%. IE IN: 3728.70. IE OUT: 3726.38

WATER NOTES

- 1 REPLACE EXISTING 1" WATER METER AND BOX AND CONNECT SERVICE TO NEW 12" WATER MAIN PER COB STD DWGS W-4 AND W-4A
- 2 INSTALL NEW 12" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 3 2" WATER MAIN TO BE REMOVED. NOTIFY ENGINEER OF ANY CONNECTIONS NOT SHOWN.
- 4 INSTALL FIRE HYDRANT ASSEMBLY AND CONCRETE PAD PER COB STD DWGS W-7 AND W-8

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 9+50 TO 14+00
 CITY OF BEND, OREGON



REVISIONS:

1. JML 5.12.14	
2. JML 9.16.14	
3. WHB 12.18.15	RECORD DRAWING

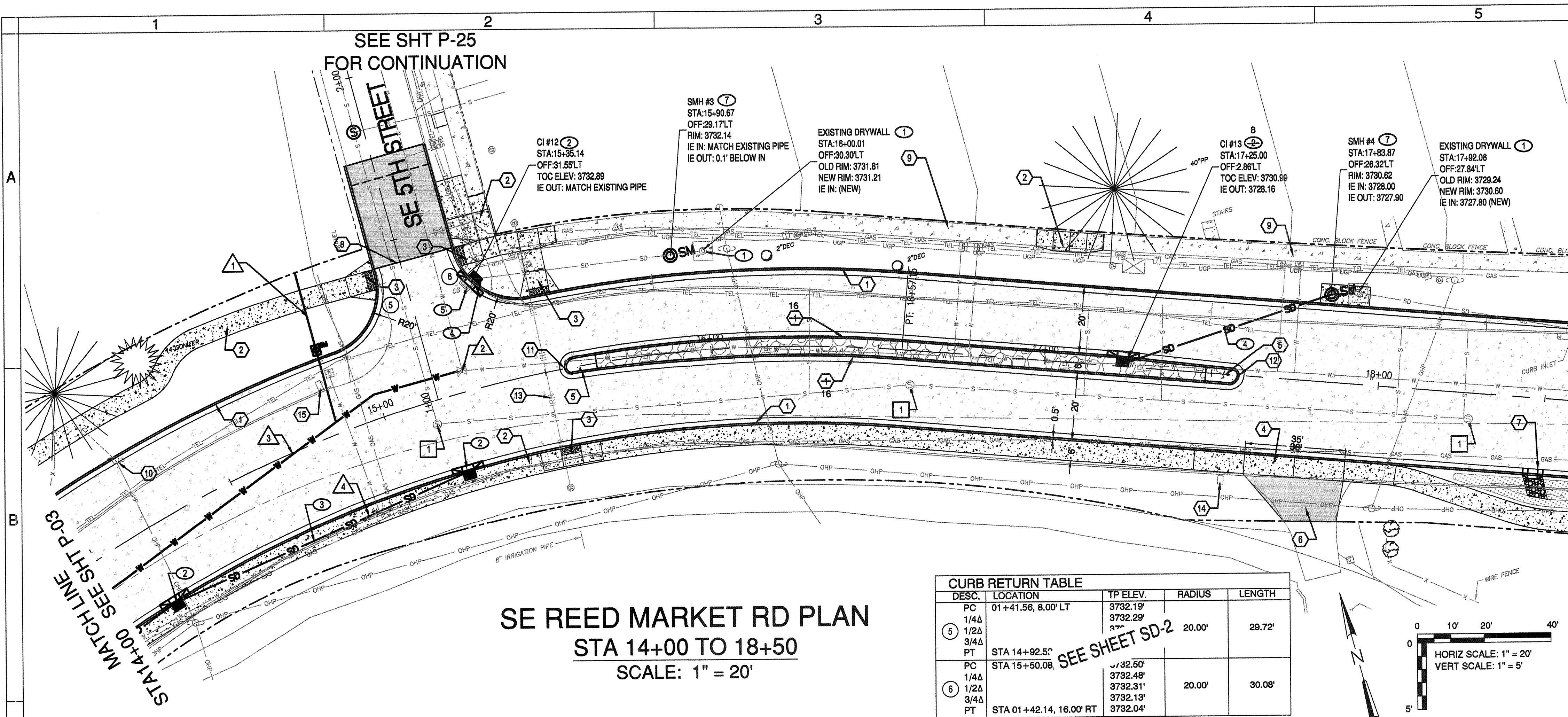
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 ENGINEERING CORPORATION
 BEND OFFICE 1541 323 8863
 1020 SW EMMA DRIVE #100 541 383 2033 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-01 P-06
 DATE: 04/21/2014

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

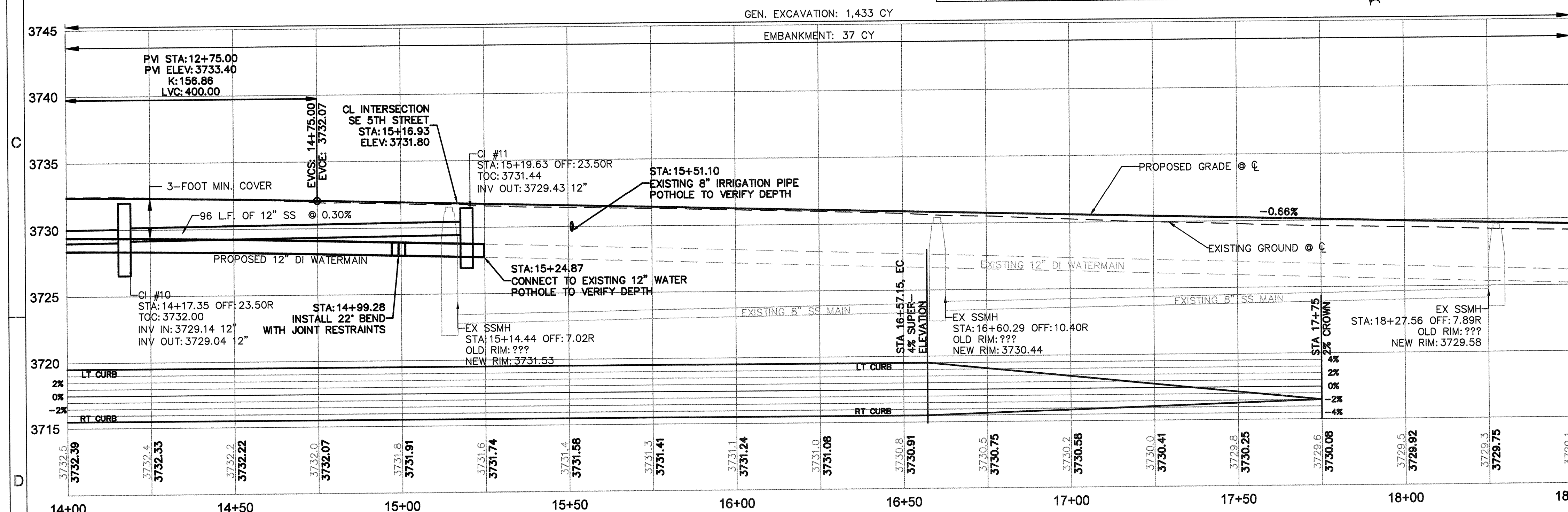
SHEET:
P-03

COB# ST12CJ



SE REED MARKET RD PLAN
STA 14+00 TO 18+50
SCALE: 1" = 20'

CURB RETURN TABLE				
DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH
5	PC 01+41.56, 8.00' LT	3732.19'	20.00'	29.72'
1/4A		3732.29'		
3/4A		3732.29'		
PT	STA 14+92.50'			
6	PC STA 15+50.08	3732.50'	20.00'	30.08'
1/4A		3732.48'		
3/4A		3732.31'		
PT	STA 01+42.14, 16.00' RT	3732.04'		



SE REED MARKET RD PROFILE
STA 14+00 TO 18+50
SCALE: 1" = 20' HORIZ
1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/ SD-06
GUTTER PAN = 18". E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT CURB RAMP PER COB STD DWGS R-6A OR R-6B. SEE SHEET SD-02
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
- 6 CONSTRUCT DRIVEWAY ASPHALT TRANSITION PER DETAIL 4/ SD-08. MATCH EXISTING GRADES
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-07
- 9 EXISTING SIDEWALK TO REMAIN IN PLACE
- 10 UTILITY POLE TO BE RELOCATED BY OTHERS
- 11 STA. 15+55.89 START RAISED MEDIAN
- 12 STA. 17+58.20 END RAISED MEDIAN
- 13 EXISTING IRRIGATION LINE CROSSING TO REMAIN IN PLACE. POT HOLE TO VERIFY DEPTH PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF CONFLICTS.
- 14 RELOCATE EXISTING MAILBOX BEHIND SIDEWALK
- 15 REMOVE EXISTING MAILBOX AND RETURN TO HOMEOWNER. NEW MAILBOX LOCATION TO BE ON 5TH STREET. SEE SHEET P-26
- 16 CONSTRUCT CONCRETE CURB (H=16", E=7").

SANITARY SEWER NOTES

- 1 ADJUST STRUCTURES TO GRADE TYP.

STORM SEWER NOTES

- 1 EXISTING DRY WELL TO REMAIN IN PLACE. CLEAN AND REMOVE ANY SEDIMENT AND DEBRIS.
- 2 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 3 CONSTRUCT 12" C 900 STORM SEWER PIPE
- 4 CONSTRUCT 8" C 900 STORM SEWER PIPE. 64 LF @ 0.5%
- 5 EXISTING STORM SEWER PIPE TO BE REMOVED
- 6 EXISTING CATCH BASIN TO BE REMOVED
- 7 CONSTRUCT SEDIMENTATION MANHOLE PER COB STD DWGS STRM-7 AND STRM-8
- 8 CONSTRUCT MODIFIED CURB INLET PER COB

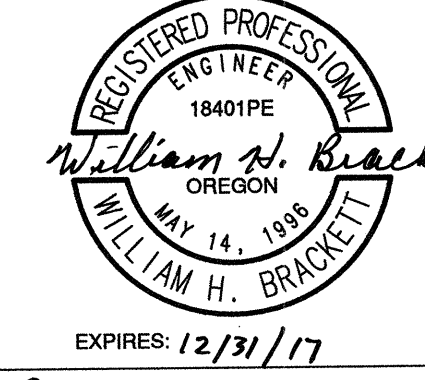
WATER NOTES

- 1 REPLACE EXISTING WATER METER/SERVICE WITH NEW 1" WATER METER AND SERVICE. CONNECT TO NEW 12" WATER MAIN PER COB STD DWGS W-4 AND W-4A
- 2 ADJUST STRUCTURES TO GRADE TYP.
- 3 INSTALL NEW 12" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 4 2" WATER MAIN TO BE REMOVED. NOTIFY ENGINEER OF ANY CONNECTIONS NOT SHOWN.

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR PLAN & PROFILE, STA 14+00 TO 18+50
 CITY OF BEND, OREGON

REVISIONS:

1. JML 5.12.14	2. JML 9.16.14	3. WHB 12.18.15
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RECORD DRAWING

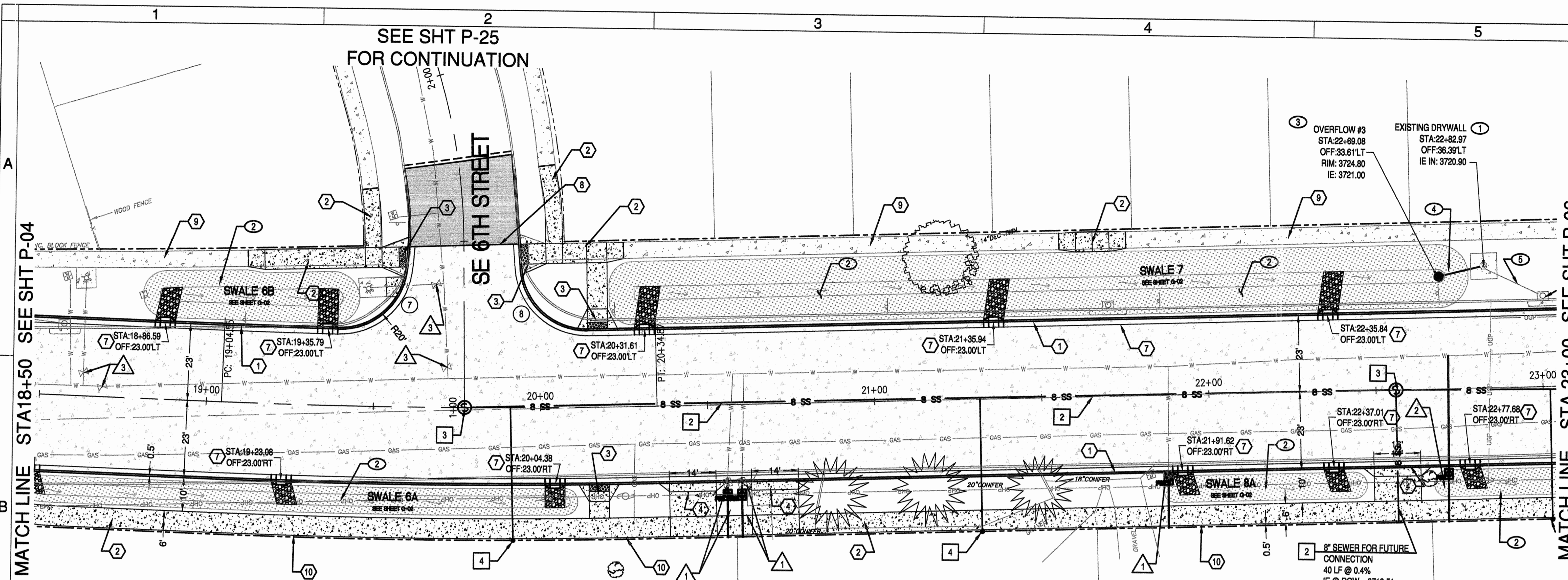
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8962
 1020 SW EMKAY DRIVE # 100 541.382.2423 (FAX)
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DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-01 P-06
 DATE: 04/21/2014

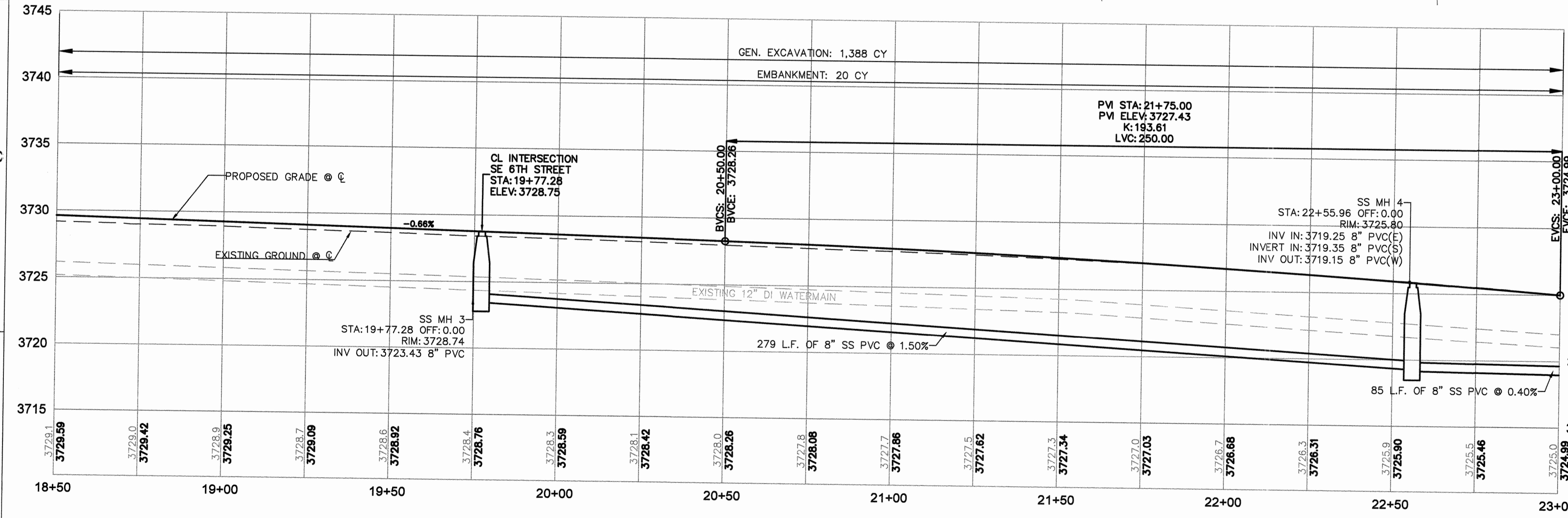
VERIFY SCALES
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 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET: **P-04**

COB # ST12CJ



SE REED MARKET RD PLAN
STA 18+50 TO 23+00
 SCALE: 1" = 20'



SE REED MARKET RD PROFILE
STA 18+50 TO 23+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/SD-06
GUTTER PAN = 18" E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-02
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 NOT USED
- 6 NOT USED
- 7 CONSTRUCT CURB CUT PER DETAIL SHEET SD-05
- 8 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-06
- 9 EXISTING SIDEWALK TO REMAIN IN PLACE
- 10 MATCH BACK OF SIDEWALK GRADE TO EXISTING GROUND (TYP).

SANITARY SEWER NOTES

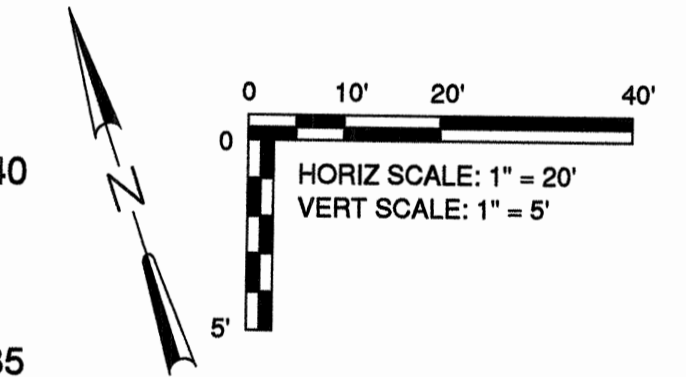
- 1 ADJUST STRUCTURES TO GRADE (TYP).
- 2 INSTALL 8" PVC SANITARY SEWER MAIN PER COB STD DWG S-1
- 3 INSTALL 48" CONCRETE STANDARD MANHOLE PER COB STD DWGS S-3A AND S-3B
- 4 INSTALL SANITARY SEWER SERVICE PER COB STD DWG S-2 AT MINIMUM GRADE TO ROW

STORM SEWER NOTES

- 1 EXISTING DRY WELL TO REMAIN IN PLACE.
- 2 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-02
- 3 CONSTRUCT OVERFLOW STRUCTURE PER DETAIL ON SHEET SD-06B
- 4 CONSTRUCT 8" C 900 STORM SEWER PIPE
- 5 EXISTING STORM PIPE TO BE REMOVED

WATER NOTES

- 1 RELOCATE EXISTING WATER METER PER COB STD DWG W-4 AND W-4A
- 2 INSTALL 1" WATER METER AND BOX AND CONNECT SERVICE TO EXISTING 12" WATER MAIN PER COB STD DWGS W-4 AND W-4A
- 3 ADJUST STRUCTURES TO GRADE (TYP.)



RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



EXPIRES: 12/31/17

CURB RETURN TABLE				
DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH
7	PC	01+40.51, 17.12' LT	3727.77'	
	1/4A		3727.89'	
	1/2A		3728.15'	28.72'
	3/4A		3728.41'	
8	PT	STA 19+39.06, 23.00' LT	3728.53'	
	PC	STA 14+32.00, 23.00' LT	3728.04'	
	1/4A		3728.04'	30.26'
	1/2A		3727.95'	
3/4A		3727.84'		
	PT	STA 01+41.61, 16.82' RT	3727.77'	

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 18+50 TO 23+00
 CITY OF BEND, OREGON



REVISIONS:
 1. JML 9.16.14
 2. WHB 12.18.15
 RECORD DRAWING

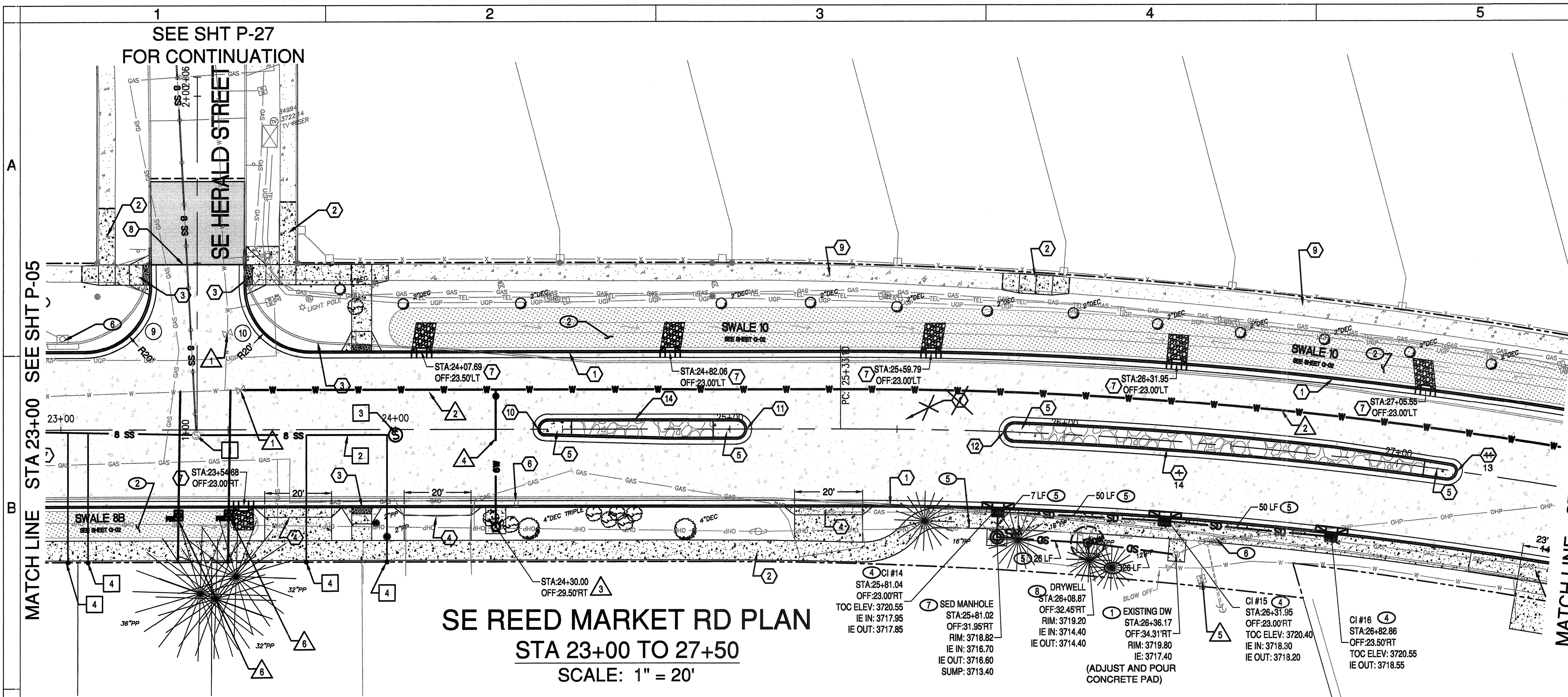
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8962
 1020 SW EMKAY DRIVE # 100 541.382.2423 (FAX)
 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-01_P-06
 DATE: 04/21/2014

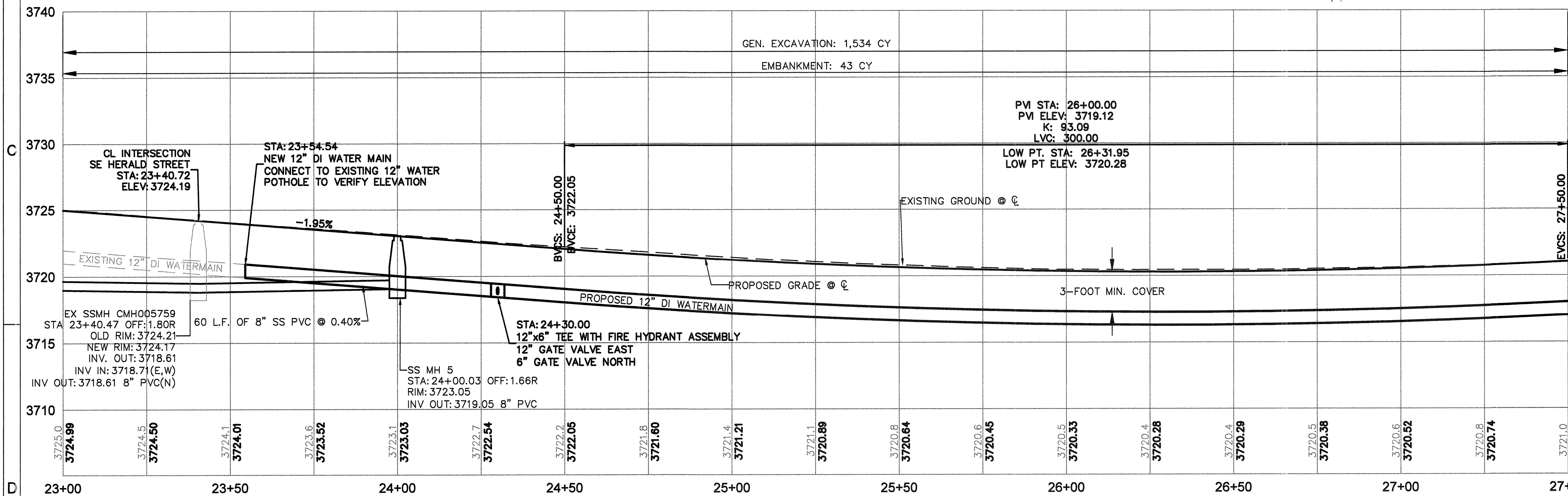
VERIFY SCALES
 0 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
P-05

COB # ST12CJ



SE REED MARKET RD PLAN
STA 23+00 TO 27+50
 SCALE: 1" = 20'



SE REED MARKET RD PROFILE
STA 23+00 TO 27+50
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

CURB RETURN TABLE				
DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH
PC	01+43.22, 13.70' LT	3723.03'		
1/4A		3723.29'		
1/2A		3723.72'	20.00'	31.64'
3/4A		3724.14'		
PT	STA 23+07.03, 23.00' LT	3724.39'		
PC	STA 23+74.75, 23.00' LT	3723.06'		
1/4A		3723.17'		
1/2A		3723.20'	20.00'	31.53'
3/4A		3723.15'		
PT	STA 01+43.12, 14.01' RT	3723.02'		

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/ SD-06
GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-02
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
- 6 RELOCATE EXISTING MAILBOX BEHIND NEW CURB
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL 1/ SD-07
- 9 EXISTING SIDEWALK TO REMAIN IN PLACE
- 10 STA. 24+42.66 START RAISED MEDIAN
- 11 STA. 25+05 END RAISED MEDIAN
- 12 STA 25+82 START RAISED MEDIAN
- 13 STA 27+36 END RAISED MEDIAN
- 14 CONSTRUCT CONCRETE CURB (H=16", E=7").

SANITARY SEWER NOTES

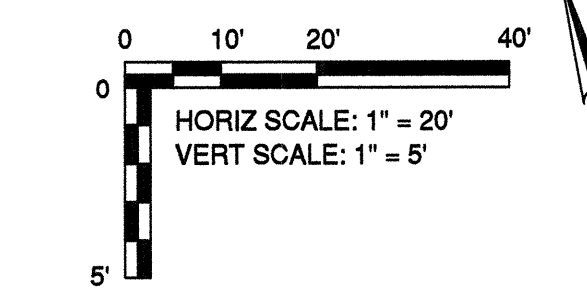
- 1 ADJUST STRUCTURES TO GRADE TYP.
- 2 INSTALL 8" PVC SANITARY SEWER PER COB STD DWG S-1
- 3 INSTALL 48" CONCRETE STANDARD MANHOLE PER COB STD DWGS S-3A AND S-3B
- 4 INSTALL SANITARY SEWER SERVICE PER COB STD DWG S-2

STORM SEWER NOTES

- 1 EXISTING DRY WELL TO REMAIN IN PLACE (ADJUST AND POUR PAD)
- 2 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-02
- 3 CONSTRUCT OVERFLOW STRUCTURE PER DETAIL ON SHEET SD-05
- 4 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 5 CONSTRUCT 8" STORM SEWER PIPE
- 6 EXISTING CURB INLET TO BE REMOVED
- 7 CONSTRUCT SEDIMENTATION MANHOLE PER COB STD DWGS STRM- 7 AND STRM-8
- 8 CONSTRUCT DRY WELL PER COB STD DWG R-12 AND STRM-8

WATER NOTES

- 1 ADJUST STRUCTURES TO GRADE (TYP.)
- 2 INSTALL NEW 12" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 3 INSTALL FIRE HYDRANT ASSEMBLY AND CONCRETE PAD PER COB STD DWGS W-7 AND W-8
- 4 INSTALL NEW 6" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 5 EXISTING AVION WATER CO. METER TO REMAIN IN PLACE
- 6 INSTALL 1" WATER METER AND BOX AND 1" SERVICE PER COB STD DWGS W-4 AND W-4A



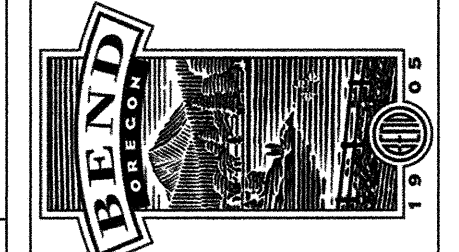
RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 23+00 TO 27+50
 CITY OF BEND, OREGON



REVISIONS:

1. JML 9.16.14	2. JML 2.19.15
3. WHB 12.18.15	RECORD DRAWING

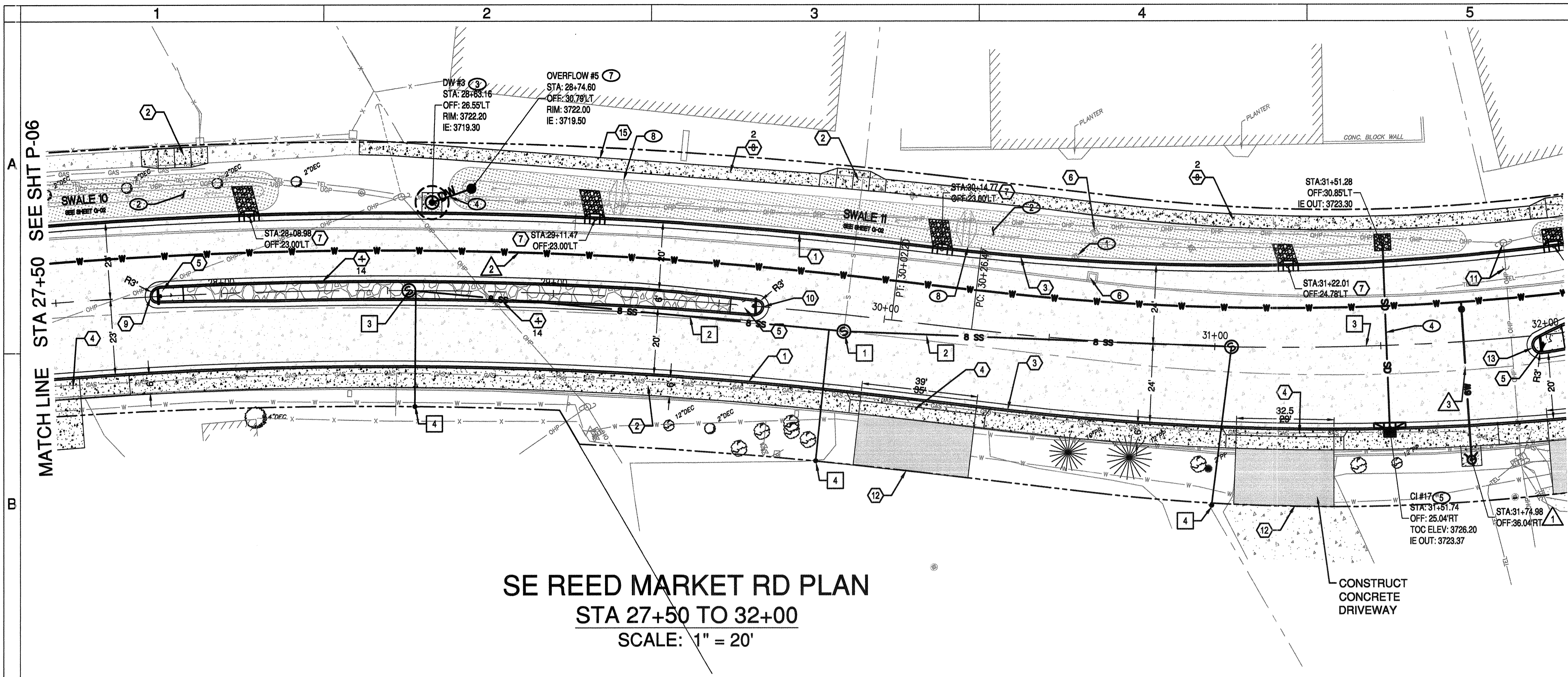
CENTURY WEST ENGINEERING CORPORATION
 BEND OFFICE 541.323.8963
 1020 SW EMKAY DRIVE #100 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JUB
 SCALE: AS NOTED
 FILE: P-01 P-06
 DATE: 04/21/2014

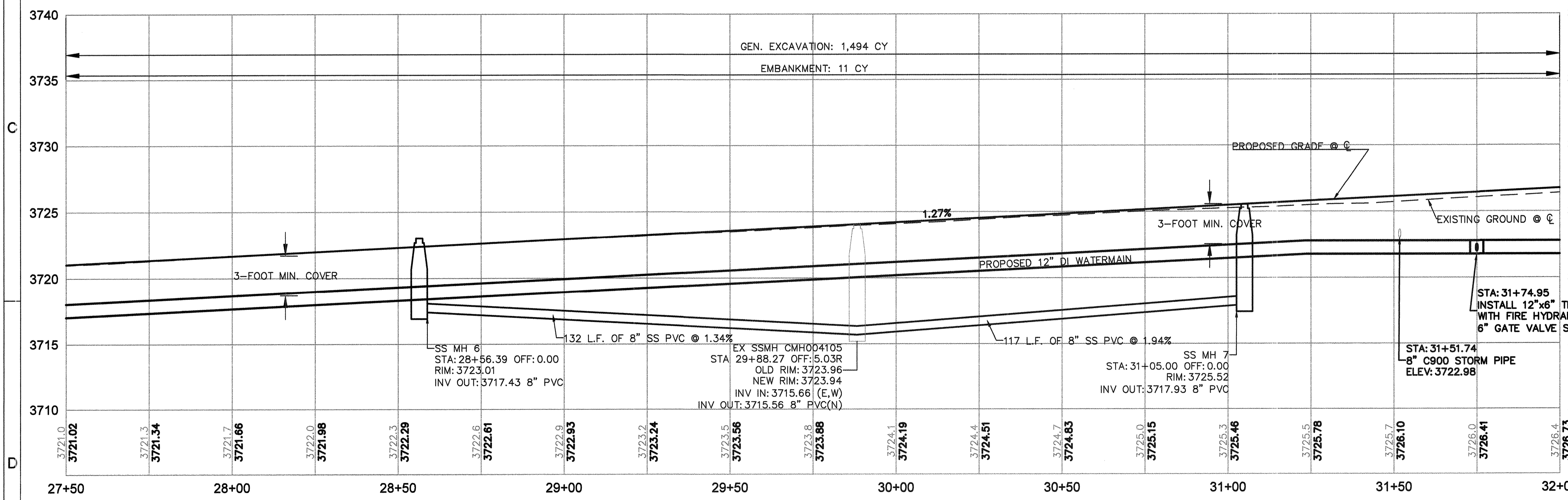
VERIFY SCALES
 0 1"
 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
P-06

COB # ST12CJ



SE REED MARKET RD PLAN
 STA 27+50 TO 32+00
 SCALE: 1" = 20'



SE REED MARKET RD PROFILE
 STA 27+50 TO 32+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/SD-06 GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 STA 30+39.78. BEGIN TRANSITION FROM 46' WIDE STREET TO 58' WIDE STREET
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 TELEPHONE RISER TO REMAIN IN PLACE
- 6 CONSTRUCT CONCRETE CURB PER COB STD DWG R-3 (H=16", E=7")
- 7 CONSTRUCT CURB CUT PER DETAIL 2 ON SHEET SD-05
- 8 EXISTING SIDEWALK TO REMAIN IN PLACE
- 9 STA. 27+78.47 START RAISED MEDIAN
- 10 STA. 29+63.47 END RAISED MEDIAN
- 11 UTILITY GUY WIRE TO BE RELOCATED BY OTHERS. POLE TO REMAIN
- 12 MATCH EXISTING DRIVEWAY GRADES
- 13 STA 31+95.41 START RAISED MEDIAN
- 14 CONSTRUCT CONCRETE CURB (H=16", E=7").
- 15 CONSTRUCT LANDSCAPE BLOCK WALL (STA 28+60± TO 29+50±)

SANITARY SEWER NOTES

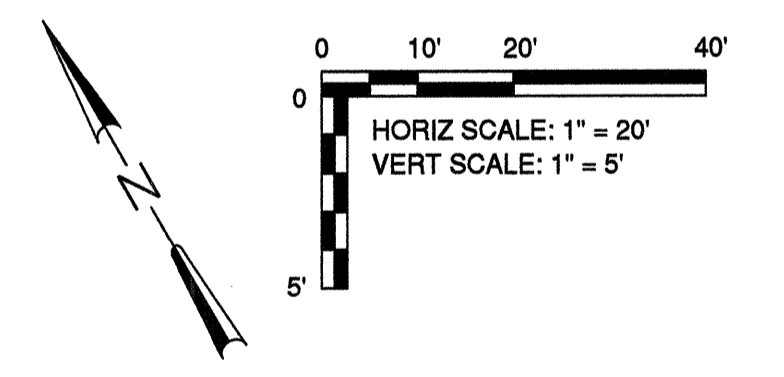
- 1 ADJUST STRUCTURES TO GRADE TYP.
- 2 INSTALL 8" PVC SANITARY SEWER PER COB STD DWG S-1
- 3 INSTALL 48" CONCRETE STANDARD MANHOLE PER COB STD DWGS S-3A AND S-3B
- 4 INSTALL SANITARY SEWER SERVICE AT MINIMUM GRADE PER COB STD DWG S-2

STORM SEWER NOTES

- 1 EXISTING DRY WELL TO BE REMOVED
- 2 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-02
- 3 CONSTRUCT DRY WELL PER COB STD DWG R-12 AND STRM-8
- 4 CONSTRUCT 8" STORM SEWER PIPE
- 5 CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- 6 EXISTING CATCH BASIN AND PIPING TO BE TO BE REMOVED
- 7 CONSTRUCT OVERFLOW STRUCTURE PER DETAIL ON SHEET SD-05
- 8 CONSTRUCT CHECK DAM PER DETAIL 4 ON SHEET SD-05

WATER NOTES

- 1 INSTALL NEW FIRE HYDRANT ASSEMBLY PER COB STD DWGS W-7 AND W-8
- 2 INSTALL NEW 12" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 3 INSTALL NEW 6" DUCTILE IRON WATER MAIN PER COB STD DWG W-1



RECORD DRAWING CERTIFICATION

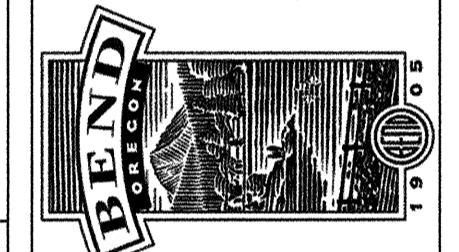
I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature

1/27/16
 Date

William H. Brackett
 REGISTERED PROFESSIONAL ENGINEER
 18401 PE
 OREGON
 MAY 14, 1988
 WILLIAM H. BRACKETT
 EXPIRES: 12/31/17

REED MARKET ROAD
 3RD STREET TO NEWBERRY DRIVE
 RMR PLAN AND PROFILE, STA 27+50 TO 32+00
 CITY OF BEND, OREGON



REVISIONS:

1. JML 5.12.14	2. JML 9.3.14	3. WHB 12.18.15
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RECORD DRAWING

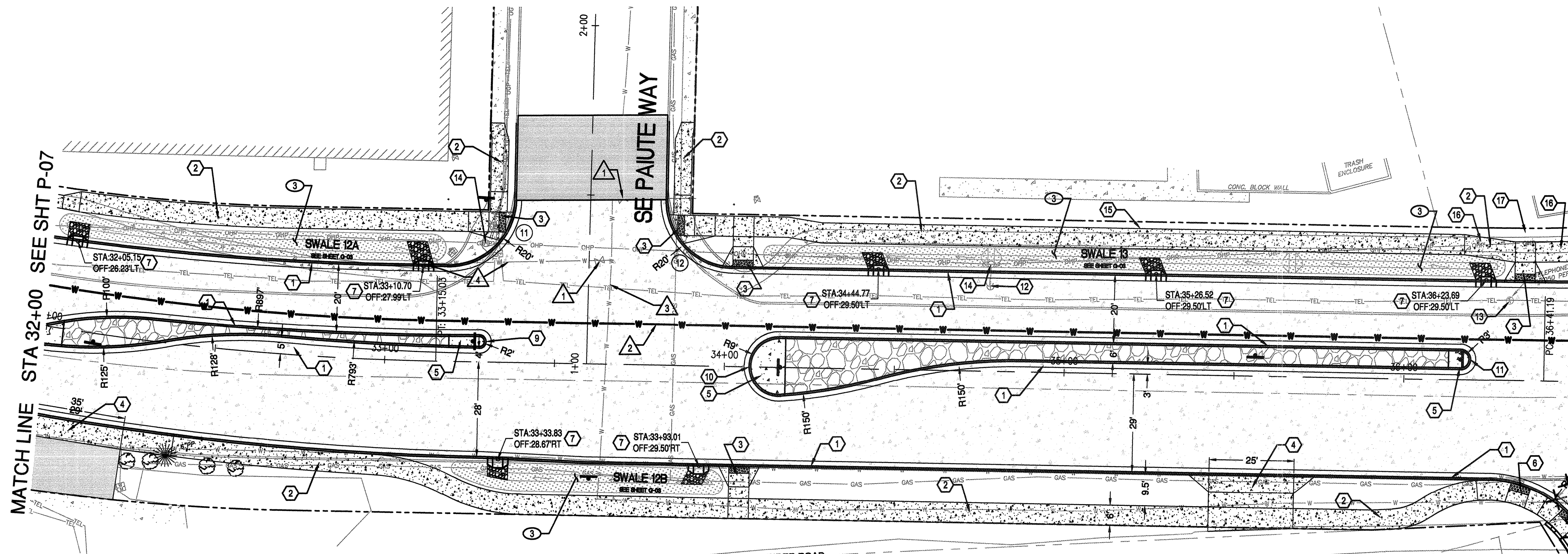
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE | 541.322.8963
 1020 SW EMMA DRIVE #100 | BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-07 P-11
 DATE: 04/21/2014

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

SHEET: P-07

COB # ST12CJ



SE REED MARKET RD PLAN
STA 32+00 TO 36+50
 SCALE: 1" = 20'

ROAD AND SIDEWALK CONSTRUCTION NOTES:

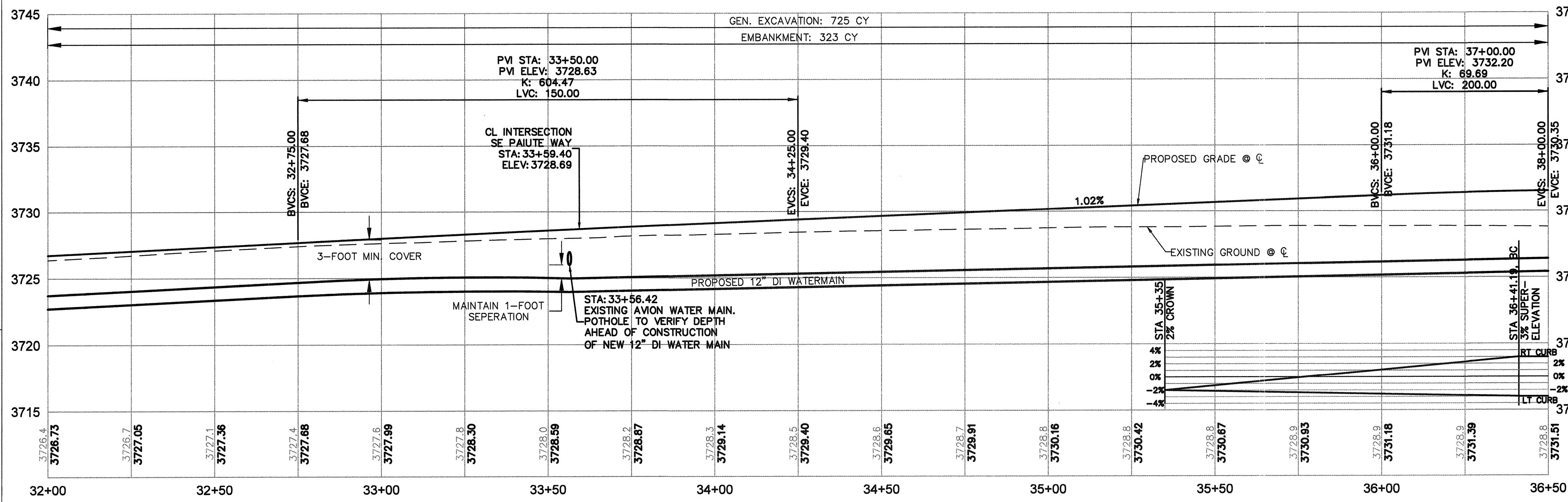
- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/SD-06
GUTTER PAN = 18", E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-03
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
- 6 CONSTRUCT PARALLEL CURB RAMP PER COB STD DWG R-6B. SEE SHEET SD-03
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 STA. 31+95.41 START RAISED MEDIAN
- 9 STA. 33+29.71 END RAISED MEDIAN
- 10 STA. 34+07.29 START RAISED MEDIAN
- 11 STA. 36+19.54 END RAISED MEDIAN
- 12 UTILITY POLE GUY WIRES TO BE RELOCATED BY OTHERS
- 13 TELEPHONE MANHOLE TO REMAIN IN PLACE. CONTACT CENTURY LINK IF ANY CONFLICTS. ADJUST RIM TO MATCH GRADE. EXISTING RIM: 3728.75 NEW RIM: 3730.96
- 14 UTILITY POLE TO REMAIN. PROTECT IN PLACE.
- 15 PLACE LANDSCAPE BOULDERS (4 TOTAL-SPACED EVENLY)
- 16 1" THICKENED SIDEWALK
- 17 CONSTRUCT LANDSCAPE BLOCK WALL.

STORM SEWER NOTES

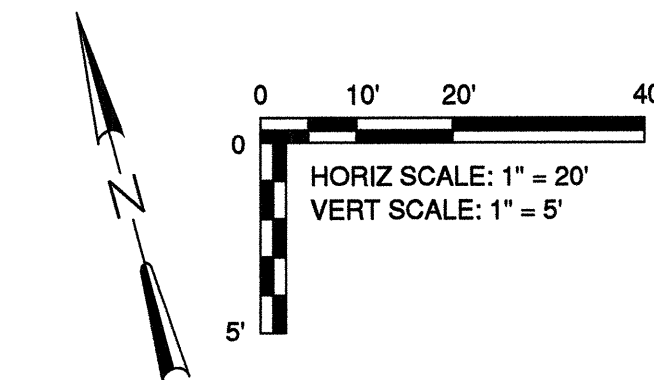
- 1 NOT USED - NOTE REMOVED IN REV 1
- 2 NOT USED - NOTE REMOVED IN REV 1
- 3 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET G-03

WATER NOTES

- 1 ADJUST STRUCTURES TO GRADE (TYP.)
- 2 INSTALL NEW 12" DUCTILE IRON WATER MAIN PER COB STD DWG W-1
- 3 EXISTING AVION WATER MAIN TO REMAIN IN PLACE. CONTACT AVION WATER IF CONFLICT
- 4 EXISTING AVION WATER COMPANY FIRE HYDRANT TO BE REMOVED AND RETURNED TO AVION WATER COMPANY. CUT AND CAP EXISTING FIRE LINE AT THE HYDRANT. INSTALL THRUST BLOCK AT CAP.



SE REED MARKET RD PROFILE
STA 32+00 TO 36+50
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT



RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



CURB RETURN TABLE				
DESC	LOCATION	TP ELEV.	RADIUS	LENGTH
11	PC	01+47.85, 21.87° LT		
	1/4Δ	3726.90'		
	3/4Δ	3727.15'	20.00'	31.40'
	PT	3727.35'		
12	PC	STA 33+17.83, 28.00° LT		
	1/4Δ	3728.58'		
	3/4Δ	3728.44'	20.00'	31.38'
	PT	3727.74'		

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 32+00 TO 36+50
 CITY OF BEND, OREGON



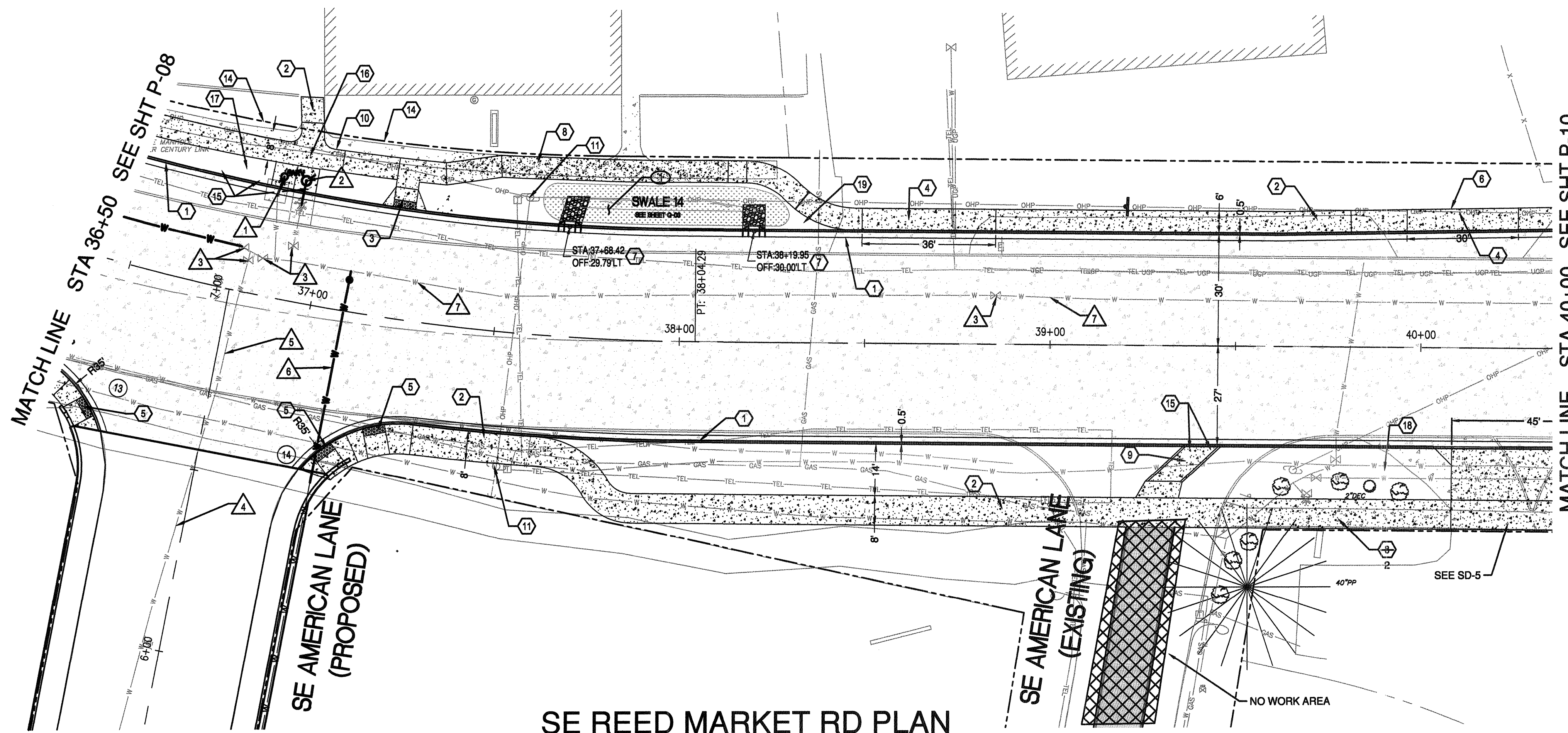
REVISIONS:

1. JML 5.12.14	RECORD DRAWING
2. JML 9.18.14	REVISIONS
3. WHB 12.18.15	REVISIONS

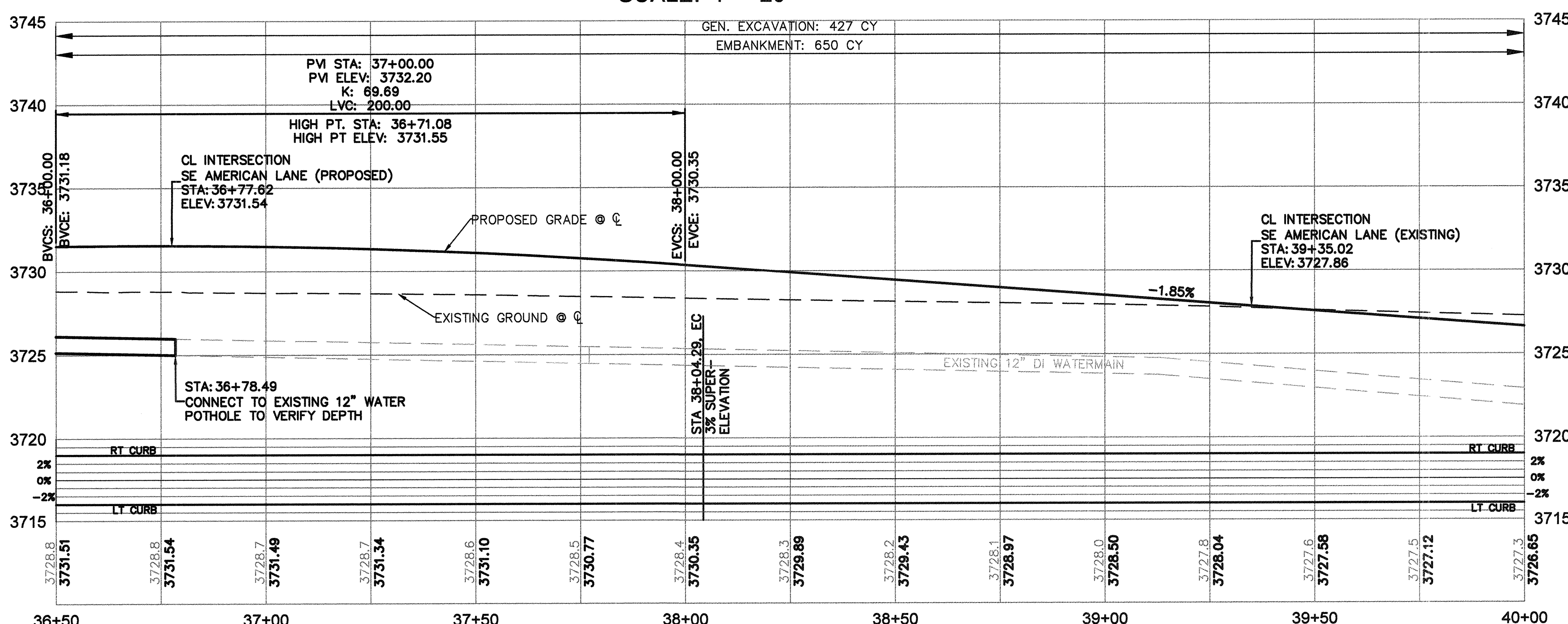
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.9953 (FAX)
 1020 SW EMKAH DRIVE SUITE 200
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JUB
 SCALE: AS NOTED
 FILE: P-07 P-11
 DATE: 04/21/2014

VERIFY SCALES
 0 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING
 SHEET: **P-08**
 COB # ST12CJ



SE REED MARKET RD PLAN
 STA 36+50 TO 40+00
 SCALE: 1" = 20'



SE REED MARKET RD PROFILE
 STA 36+50 TO 40+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

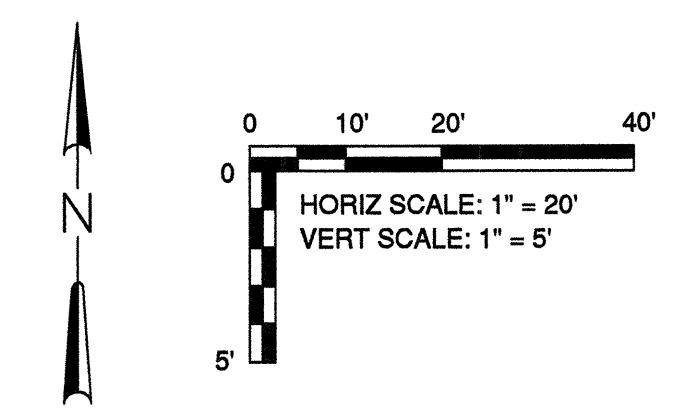
- 1 CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/SD-06
GUTTER PAN = 18". E = 7"
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-03
- 4 CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT PARALLEL CURB RAMP PER COB STD DWG R-6B. SEE SHEET SD-03
- 6 MATCH EXISTING DRIVEWAY GRADES
- 7 CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
- 8 EXISTING SIDEWALK TO REMAIN
- 9 CONSTRUCT BICYCLE PULL OFF RAMP. SEE DETAIL SHEET SD-04
- 10 CONSTRUCT 8' SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 11 EXISTING UTILITY POLE TO REMAIN. PROTECT IN PLACE
- 12 STA 36+88.89 START RAISED MEDIAN (FACE OF CURB)
- 13 CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
- 14 INSTALL LANDSCAPE BLOCK WALL
- 15 INSTALL BOLLARDS
- 16 CONSTRUCT 1" THICKENED SIDEWALK
- 17 CONSTRUCT ROCK GALLEY
- 18 PLACE ROCK MULCH/FABRIC
- 19 INSTALL MAILBOX AND SUPPORT

STORM SEWER NOTES

- 1 CONSTRUCT STORMWATER INFILTRATION SWALE PER DETAILS ON SHEET SD-05

WATER NOTES

- 1 RELOCATE EXISTING WATER MANHOLE WITH AIR RELEASE VALVE. EXISTING STA 36+58.12 OFF 27.41' LT. NEW STA 36+86.11 OFF 32.88' LT
- 2 RELOCATE EXISTING FIRE HYDRANT PER COB STD DWGS W-7 & W-8 EXISTING STA 36+92.33 OFF 26.16' LT. NEW STA 36+92.42 OFF 32.66' LT. CONSTRUCT RETAINING WALL AROUND HYDRANT.
- 3 ADJUST STRUCTURES TO GRADE (TYP.)
- 4 EXISTING WATER MAIN TO BE PLUGGED AND ABANDONED ACROSS CANAL
- 5 EXISTING WATER MAIN AND VALVES TO BE REMOVED, SEE SHEET P-28
- 6 INSTALL 12" DI WATER MAIN PER COB STD DWG W-1. SEE SHEET P-28
- 7 EXISTING WATER MAIN TO REMAIN

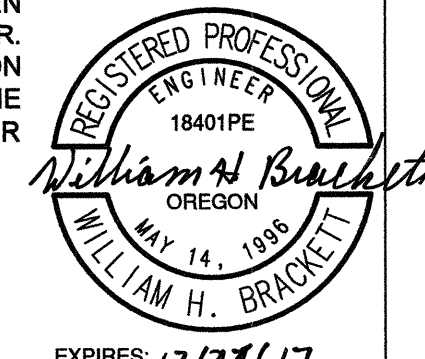


CURB RETURN TABLE					
DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH	
13	PC	36+25.26, 29.00 RT	3732.19'	35.00'	51.81'
	1/4A		3732.27'		
	3/4A		3732.34'		
	PT	STA 06+39.89, 23.00' LT	3732.42'		
14	PC	STA 06+38.53, 23.00' RT	3732.49'	35.00'	52.86'
	1/4A		3732.51'		
	1/2A		3732.39'		
	3/4A		3732.27'		
PT	STA 37+31.67, 27.43' RT	3732.15'			

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 36+50 TO 40+00
 CITY OF BEND, OREGON



REVISIONS:	1. WHB 9.29.15
ADJ. MED.	2. WHB 12.18.15
RECORD DRAWING	3.

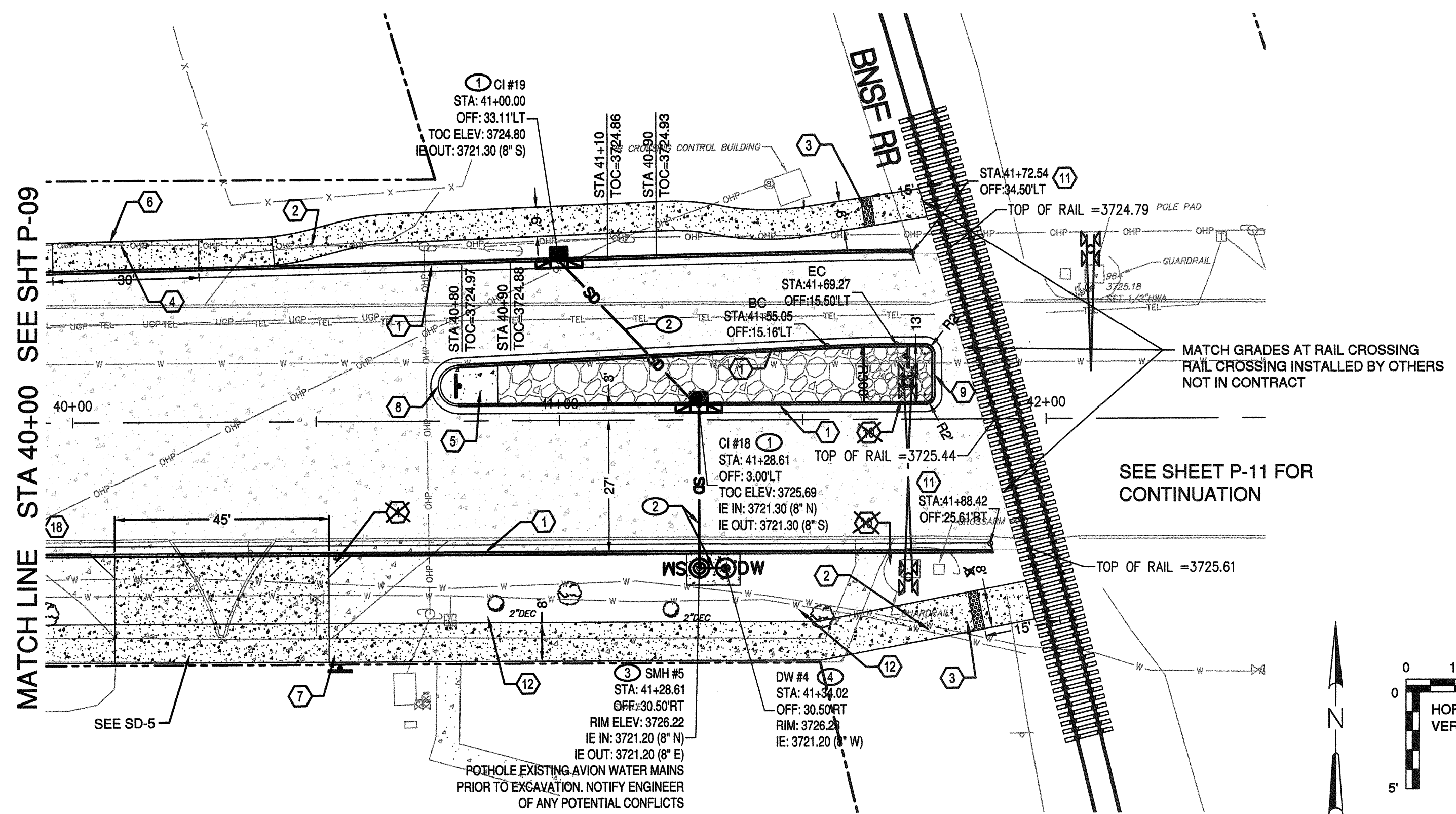
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8963
 1020 SW EMKAY DRIVE #1100
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-07 P-11
 DATE: 04/21/2014

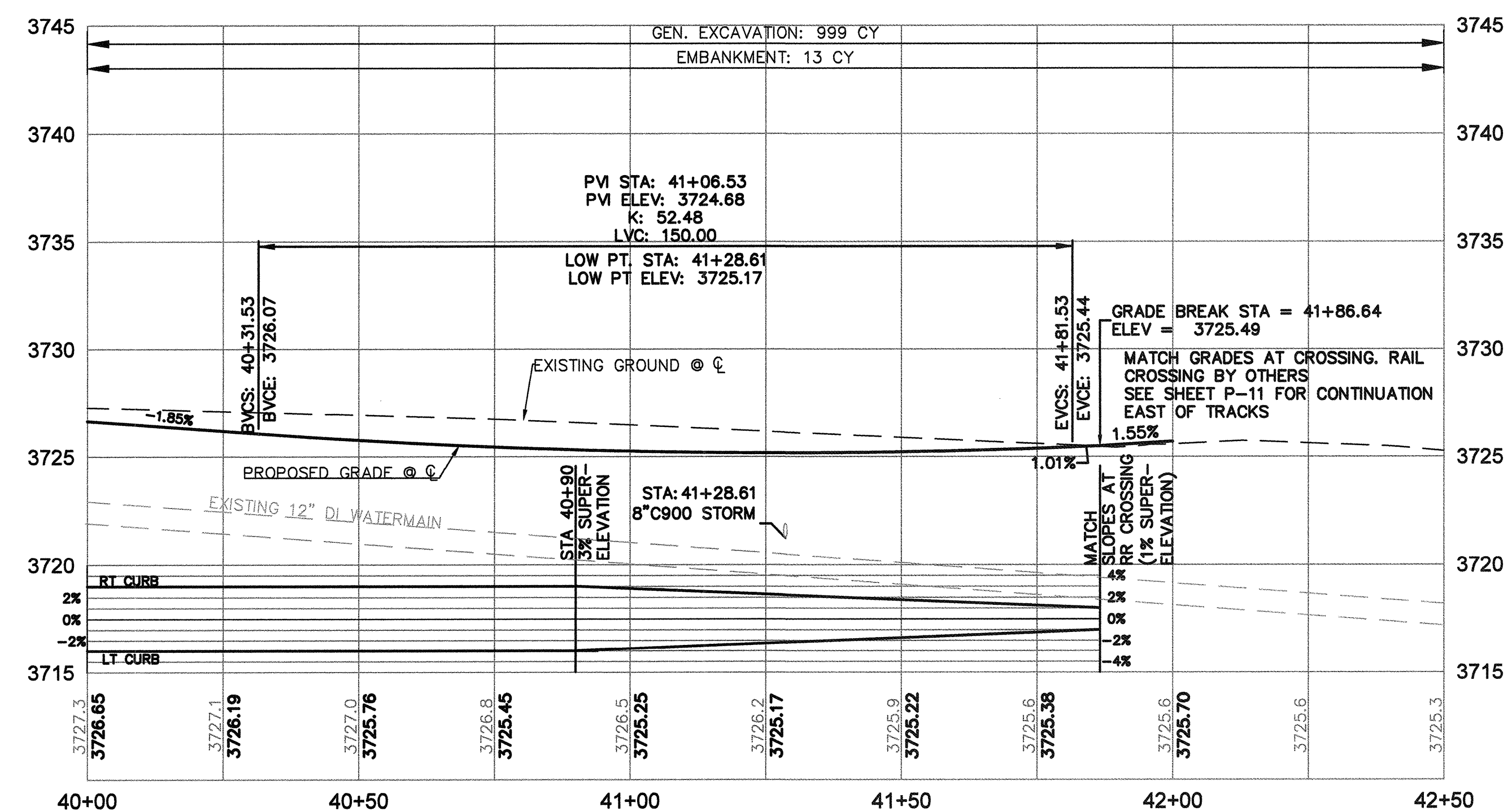
VERIFY SCALES
 0 1"
 BAR EQUALS ONE INCH
 ON ORIGINAL DRAWING

SHEET:
P-09

COB # ST12CJ



SE REED MARKET RD PLAN
STA 40+00 TO 41+86.64
 SCALE: 1" = 20'



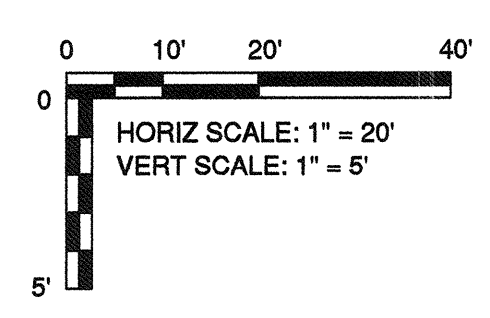
SE REED MARKET RD PROFILE
STA 40+00 TO 42+50±
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- ① CONSTRUCT CONCRETE CURB AND GUTTER PER DETAIL 2/ SD-06
GUTTER PAN = 18", E = 7"
- ② CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- ③ INSTALL TRUNCATED DOME DETECTABLE WARNINGS 15' FROM CENTER OF TRACKS
TRUNCATED DOME DETECTABLE WARNINGS - 24 SF
- ④ CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- ⑤ CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
- ⑥ CONSTRUCT CONCRETE CURB PER COB STD DWG R-3 (H=16", E=7")
- ⑦ EXISTING SIDEWALK TO REMAIN IN PLACE
- ⑧ STA. 40+74.80 START RAISED MEDIAN
- ⑨ STA. 41+77.10 END RAISED MEDIAN (FACE OF CURB)
- ⑩ INSTALL GUARDRAIL PER ODOT DETAIL RD448, AFTER RR CROSSING GATE INSTALLED.
RAILROAD CROSSING GATE BY OTHERS
- GUARDRAIL TYPE 3
- GUARDRAIL END PIECES, TYPE B
- ⑪ END CURB AND GUTTER
- ⑫ ROCK MULCH/FABRIC

STORM SEWER NOTES

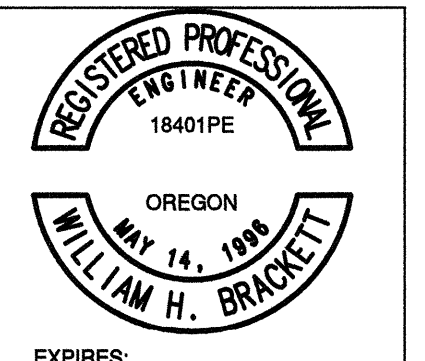
- ① CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371
WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE
LID PER COB STD DWG STRM-8
- ② CONSTRUCT 8" C 900 STORM SEWER PIPE
- ③ CONSTRUCT SEDIMENTATION MANHOLE PER COB STD DWGS STRM-7 AND STRM-8
- ④ CONSTRUCT DRYWELL PER COB STD DWG R-12 AND STRM -8



RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 RMR PLAN & PROFILE, STA 40+00 TO 41+75
 CITY OF BEND, OREGON



REVISIONS:
1. JML 5-12-14
2. WHB 2-27-15
ADJ. SD & CURB
3. WHB 9-29-15
ADJ. MED. & GFDRAIL
WHB 12-18-15
RECORD DRAWING

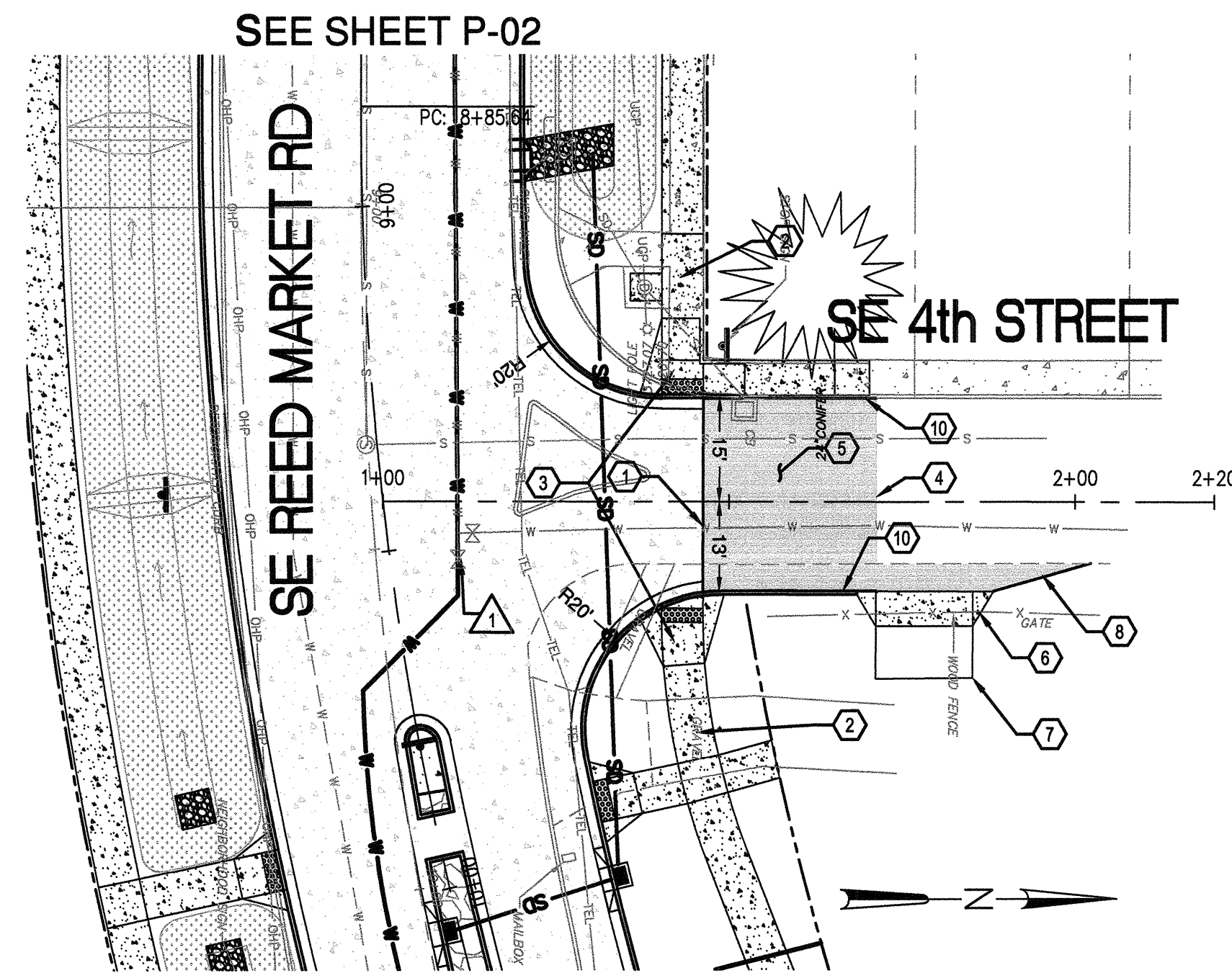
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 1541 322 8663
 BEND OFFICE 1541 322 3232 (FAX)
 1020 SW EMKAY DRIVE #110
 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-07 P-10
 DATE: 04/21/2014

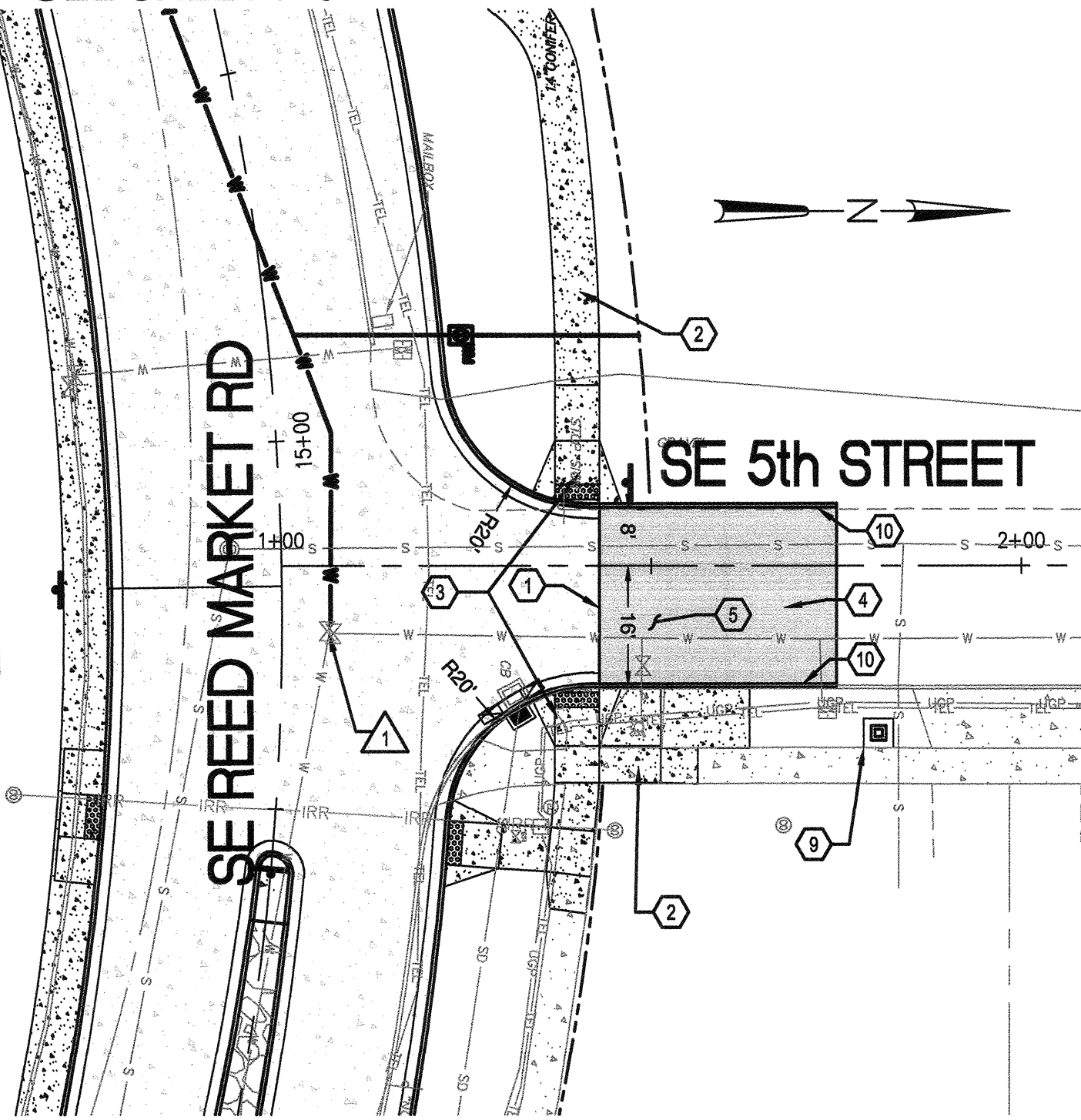
VERIFY SCALES
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 BAR EQUALS ONE INCH
 ON ORIGINAL DRAWING

SHEET:
P-10

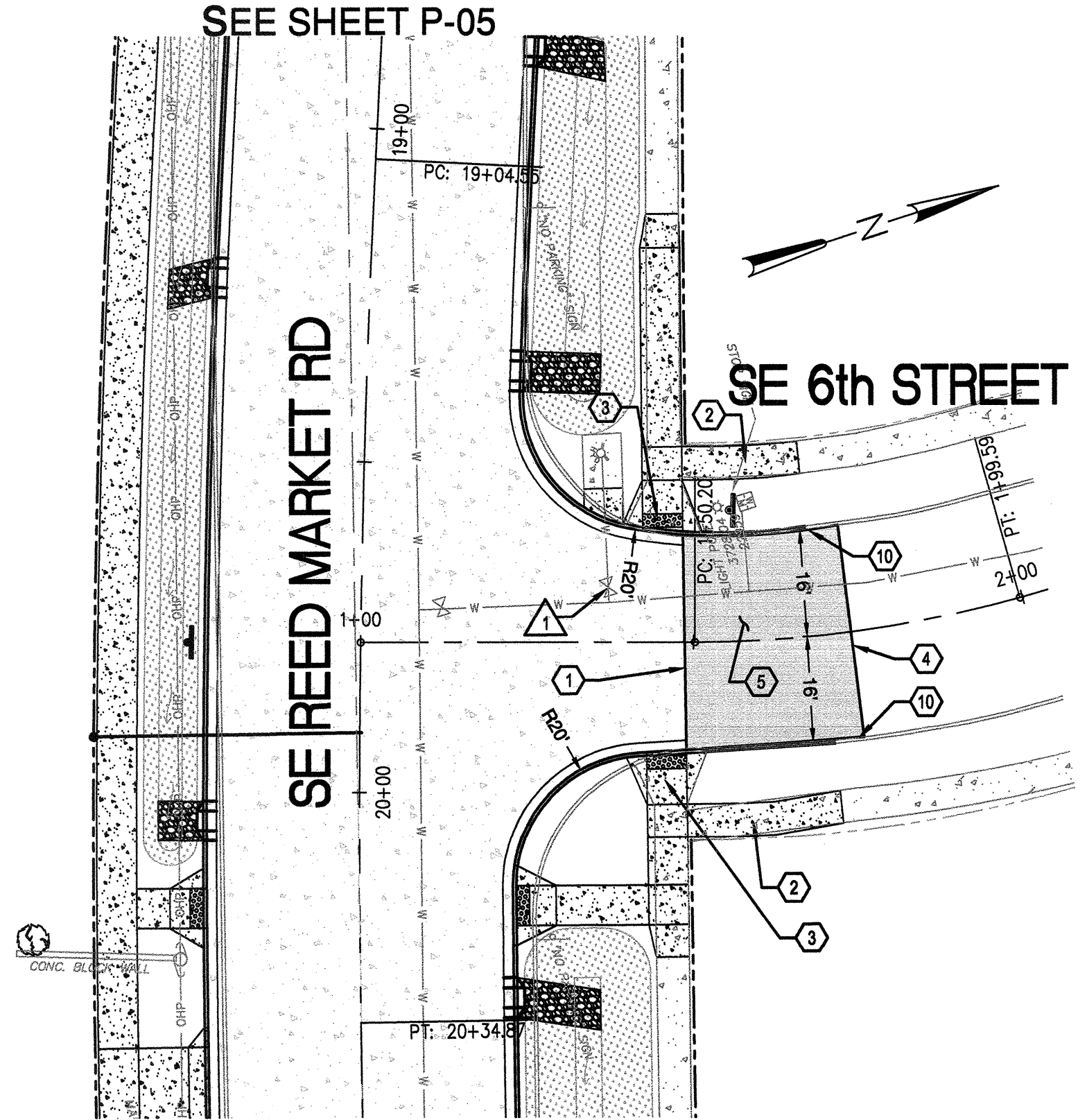
COB # ST12CJ



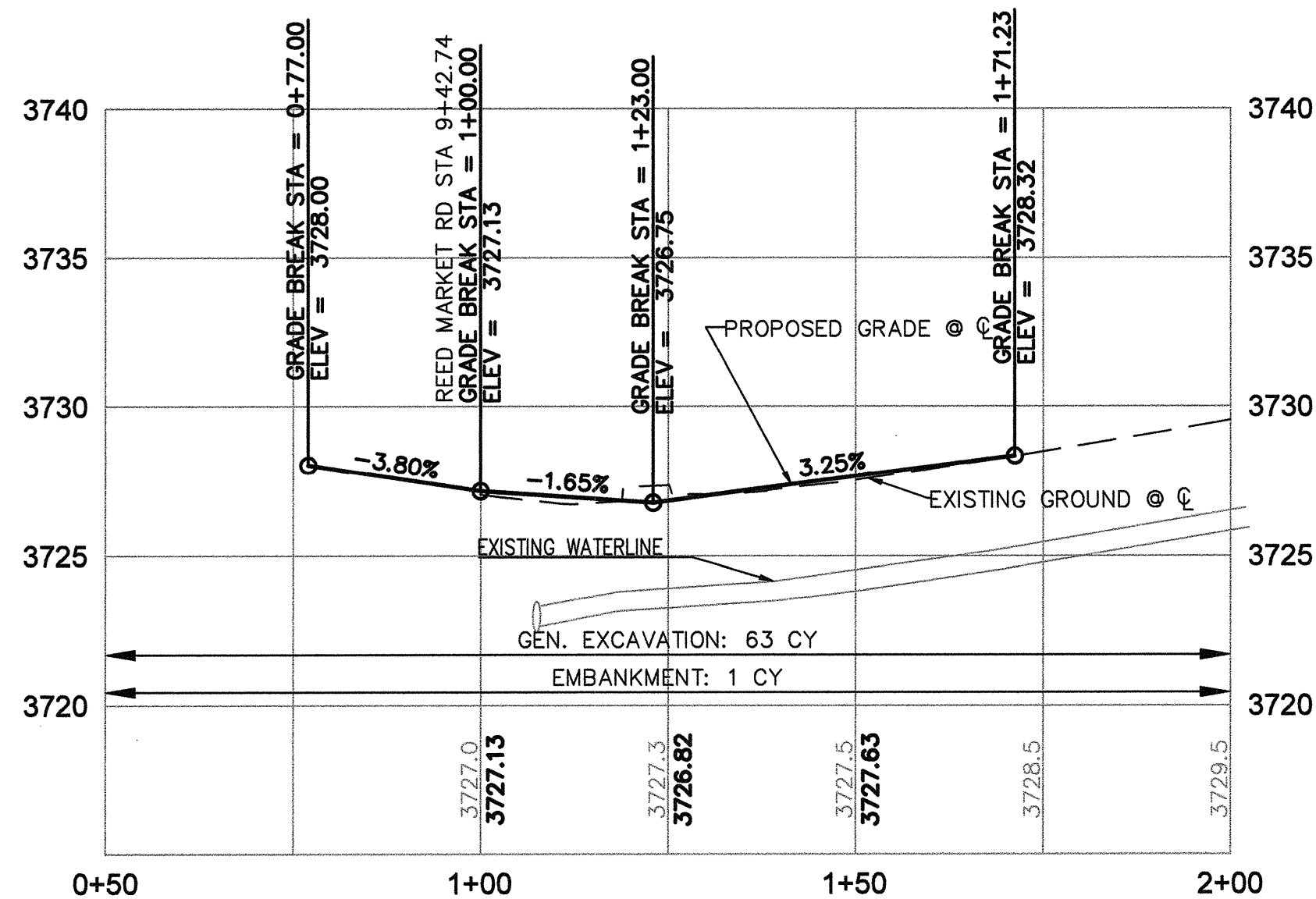
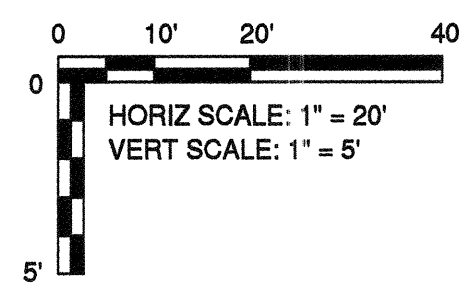
SEE SHEET P-03
SE 4th STREET PLAN
 STA 1+00 TO 2+00
 SCALE: 1" = 20'



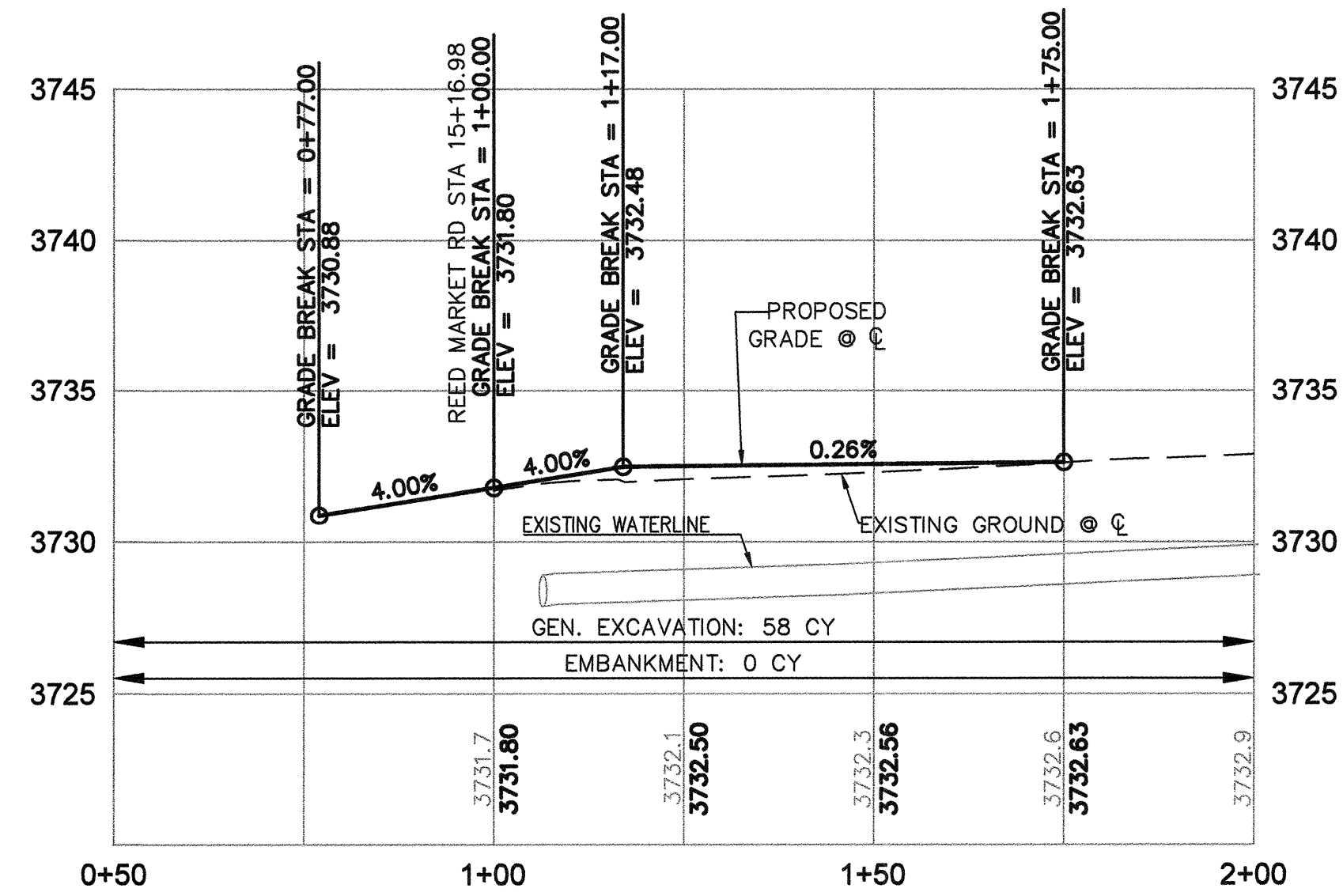
SEE SHEET P-04
SE 5th STREET PLAN
 STA 1+00 TO 2+00
 SCALE: 1" = 20'



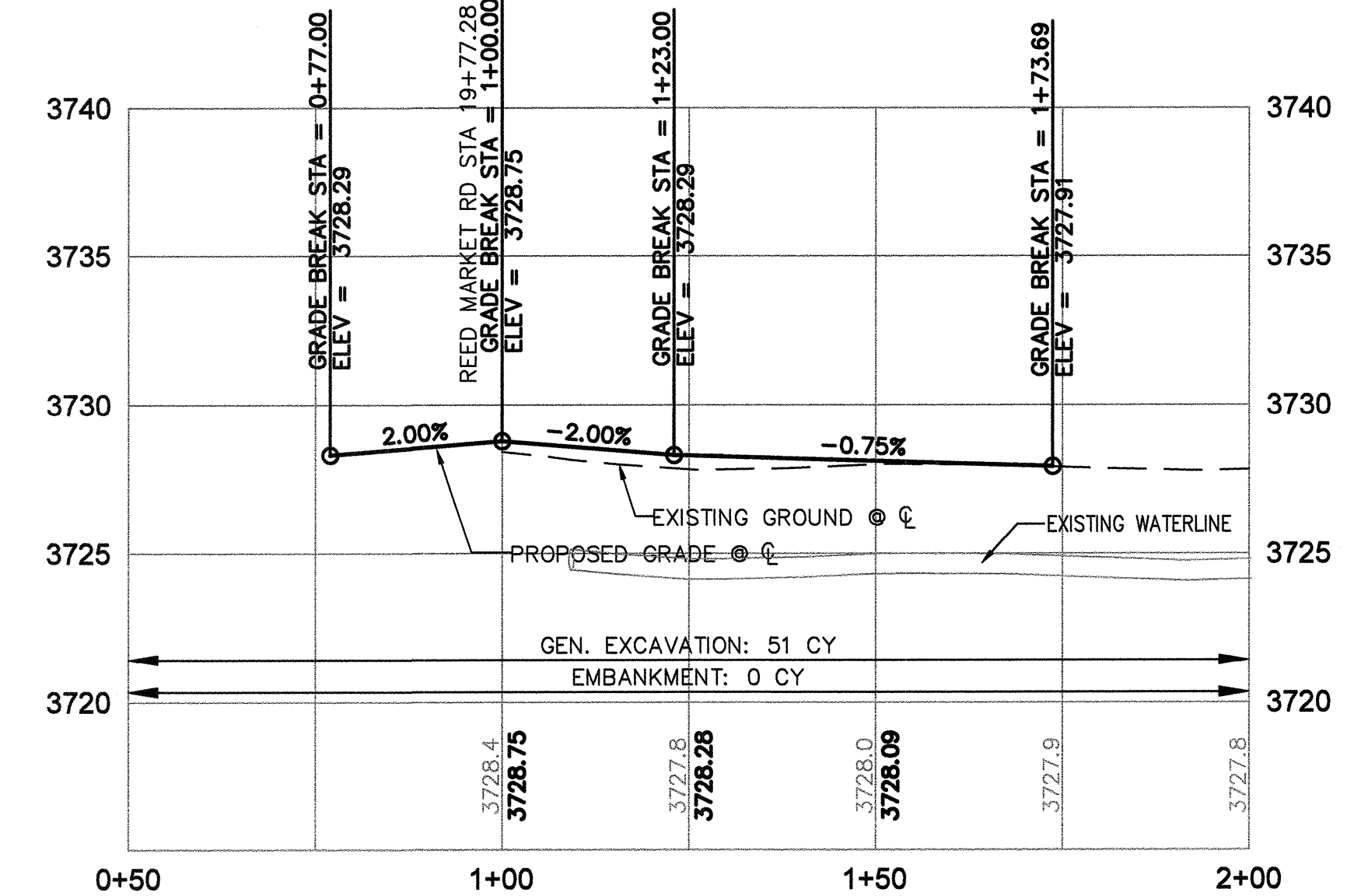
SEE SHEET P-05
SE 6th STREET PLAN
 STA 1+00 TO 2+00
 SCALE: 1" = 20'



SE 4th STREET PROFILE
 STA 1+00 TO 2+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT



SE 5th STREET PROFILE
 STA 1+00 TO 2+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT



SE 6th STREET PROFILE
 STA 1+00 TO 2+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

- 1 END PCC SURFACE, BEGIN ASPHALT SURFACE. SEE DETAIL 1/SD07
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEET SD-01
- 4 SAWCUT EXISTING PAVEMENT, END CONSTRUCTION, AND MATCH EXISTING GRADES. SEE DETAIL 4/SD06
- 5 CONSTRUCT ASPHALT CONCRETE AND AGGREGATE BASE PER TYPICAL SECTION. SEE SHEET C-06

- 6 CONSTRUCT CONCRETE DRIVEWAY APRON PER COB STD DWG R-5A. FIELD LOCATE TO MATCH EXISTING PRIVATE GATE
- 7 CONNECT EXISTING PRIVATE DRIVEWAY TO NEW DRIVEWAY APRON. ALIGN DRIVEWAY WITH EXISTING GATE. MATCH EXISTING GRADES.
- 8 TAPER ASPHALT TO MATCH EXISTING
- 9 INSTALL LOCAL CLUSTER POSTAL DELIVERY BOX AND CONCRETE SIDEWALK PER COB STD DWGS R-18A, R-18E, & R-18F
- 10 CONSTRUCT CURB PER DETAIL 1/SD06

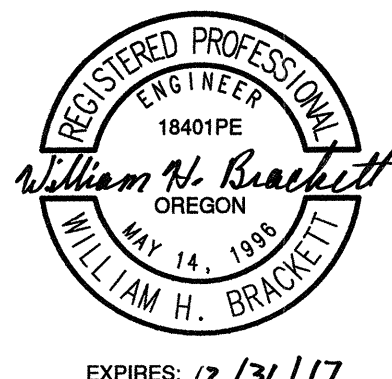
WATER NOTES:

- 1 ADJUST WATER VALVE TO MATCH FINISH GRADE

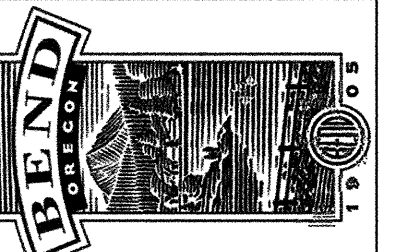
RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BE VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

Signature: *William H. Brackett*
 Date: 1/27/16



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 4th, 5th AND 6th ST PLAN & PROFILE
 CITY OF BEND, OREGON



REVISIONS:

1. WHB 12.16.15	RECORD DRAWING
2.	
3.	

CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.322.8962
 1020 SW EMKAN DRIVE #100 BEND, OR 97702 | WWW.CENTURYWEST.COM

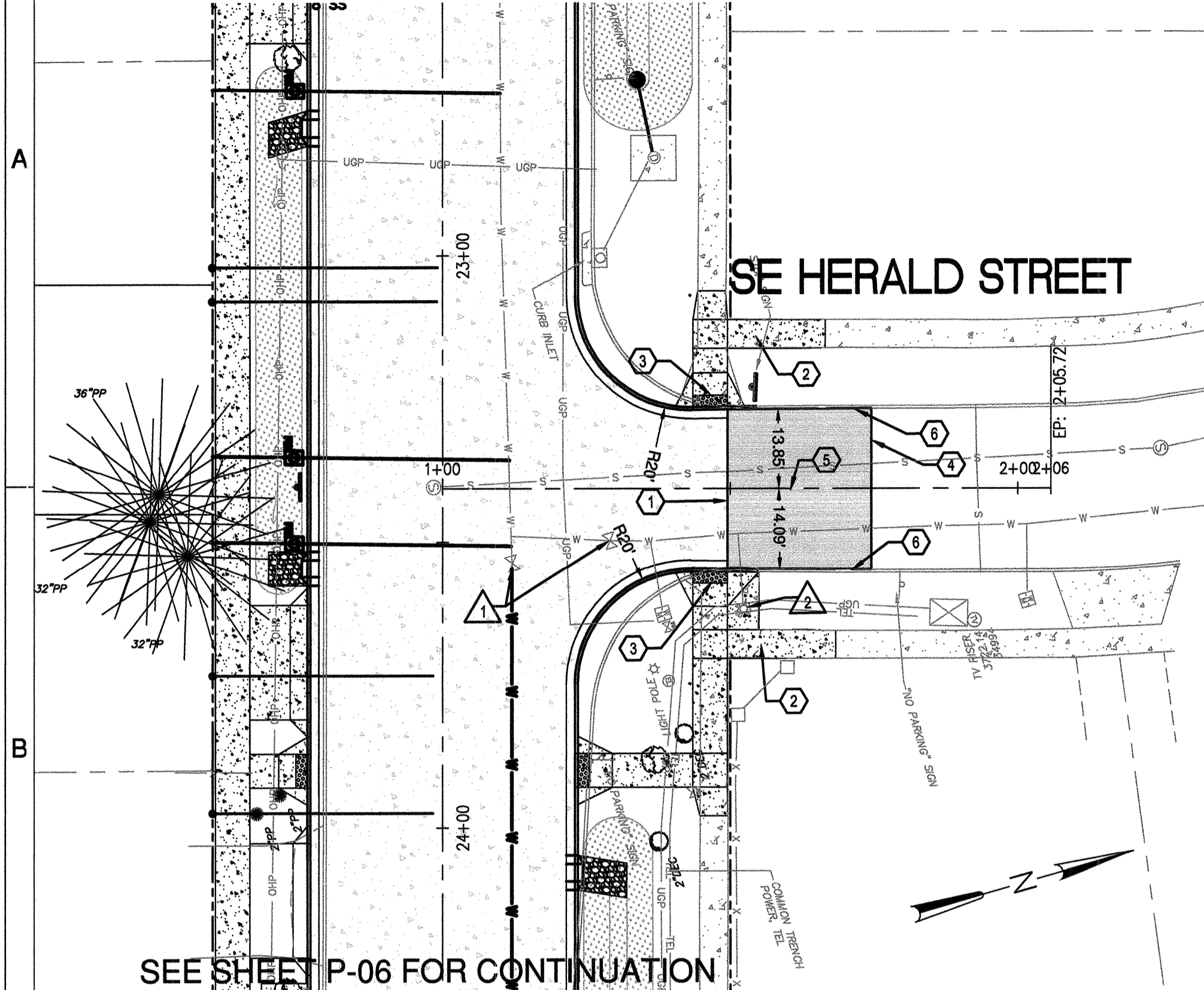
DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-26 P-30
 DATE: 04/21/2014

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

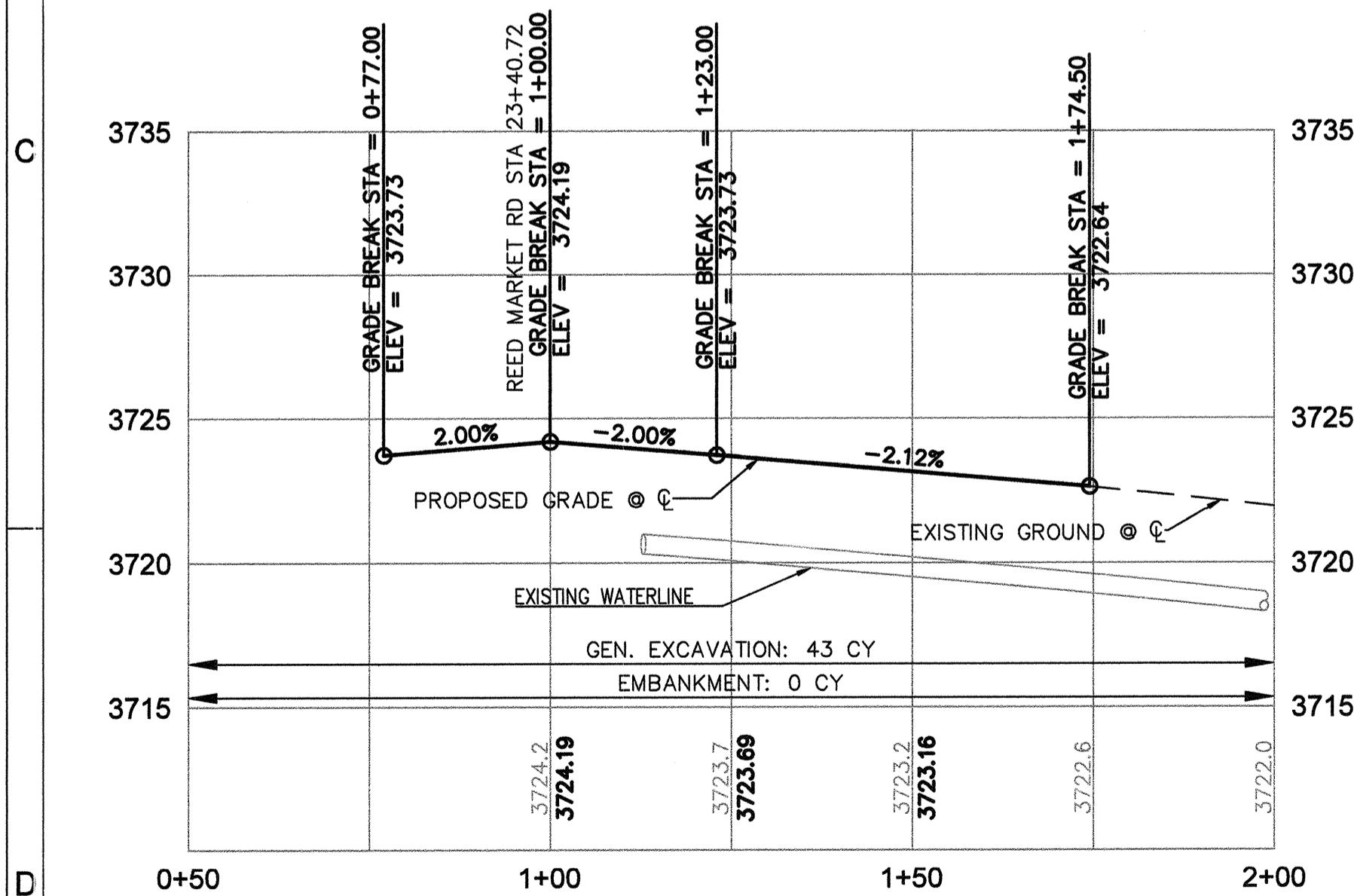
SHEET:
P-26

COB # ST12CJ

SEE SHEET P-06 FOR CONTINUATION



SE HERALD STREET PLAN
STA 1+00 TO 1+75
 SCALE: 1" = 20'



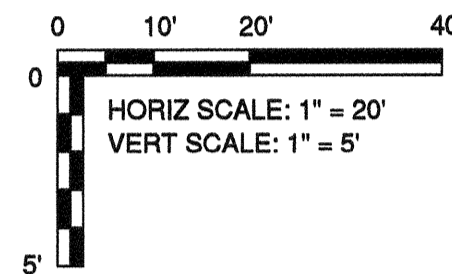
SE HERALD STREET PROFILE
STA 1+00 TO 1+75
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

ROAD AND SIDEWALK CONSTRUCTION NOTES:

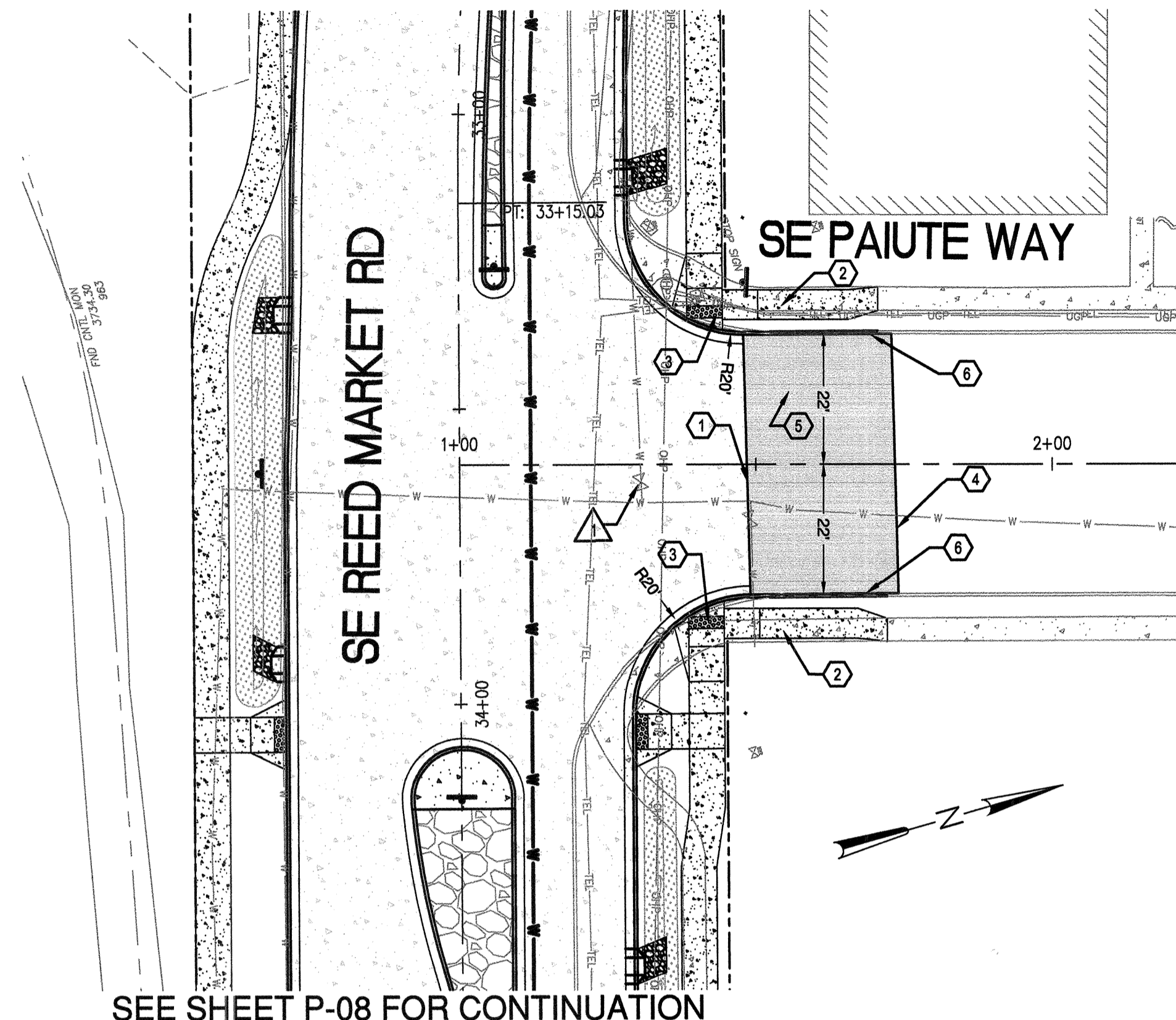
- ① END PCC SURFACE, BEGIN ASPHALT SURFACE. SEE DETAIL 1/SD07
- ② CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- ③ CONSTRUCT PERPENDICULAR CURB RAMP PER COB STD DWG R-6A. SEE SHEETS SD-02 AND SD-03
- ④ SAWCUT EXISTING PAVEMENT, END CONSTRUCTION, AND MATCH EXISTING GRADES. SEE DETAIL 4/SD06
- ⑤ CONSTRUCT ASPHALT CONCRETE AND AGGREGATE BASE PER TYPICAL SECTION. SEE SHEETS C-06 AND C-07
- ⑥ CONSTRUCT CURB PER DETAIL 1/SD06

WATER NOTES:

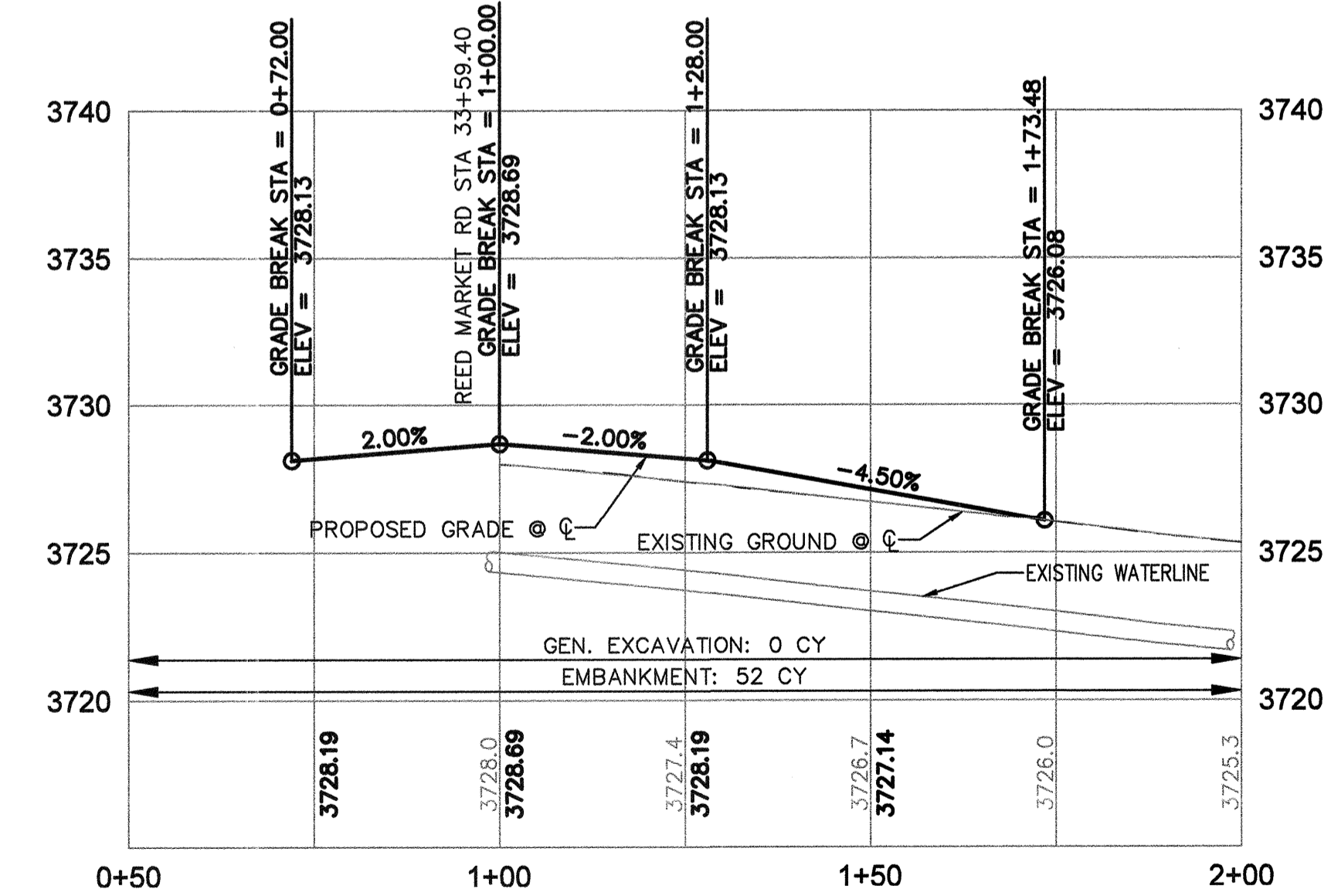
- ① ADJUST WATER VALVE TO MATCH FINISH GRADE.
- ② FIRE HYDRANT TO REMAIN. SET NEW CONCRETE PAD.



SEE SHEET P-08 FOR CONTINUATION



SE PAIUTE WAY PLAN
STA 1+00 TO 2+00
 SCALE: 1" = 20'



SE PAIUTE WAY PROFILE
STA 1+00 TO 2+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BE VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature

1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
HERALD ST & PAIUTE WY PLAN & PROFILE
 CITY OF BEND, OREGON



REVISIONS:

1.	JML 9.11.14
2.	WHB 12.18.15
3.	RECORD DRAWING

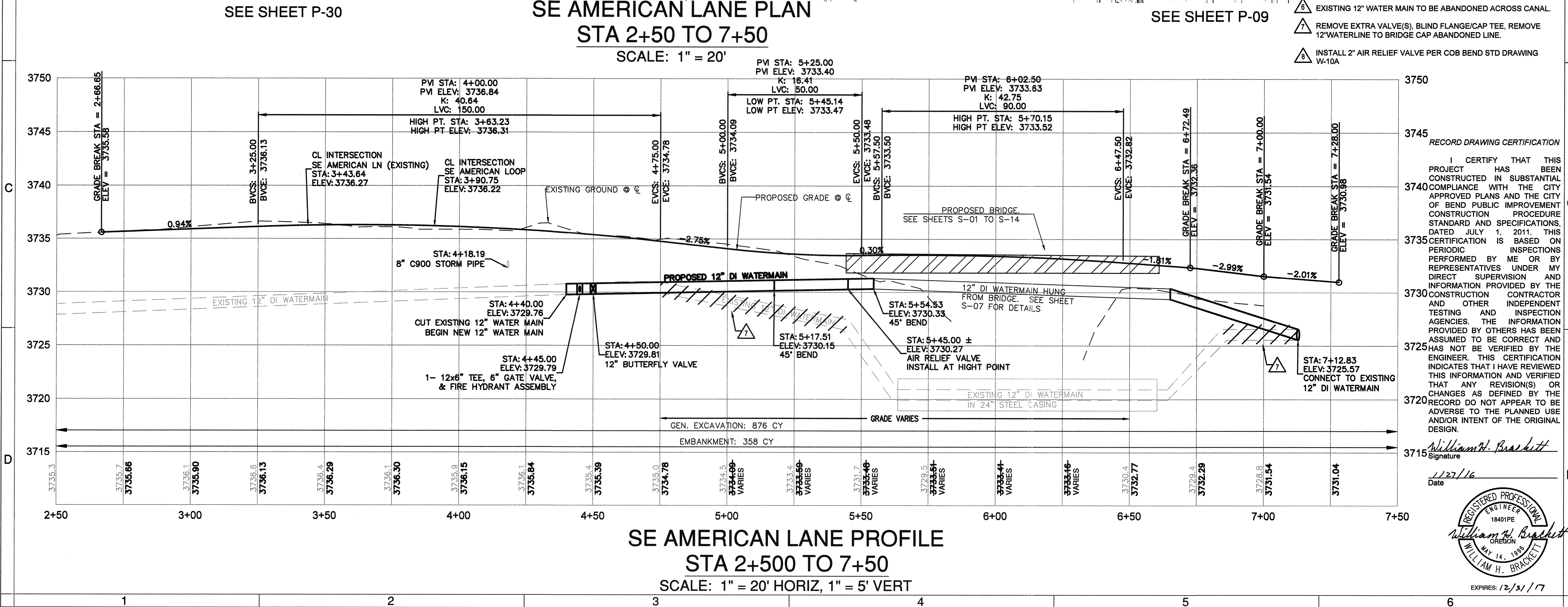
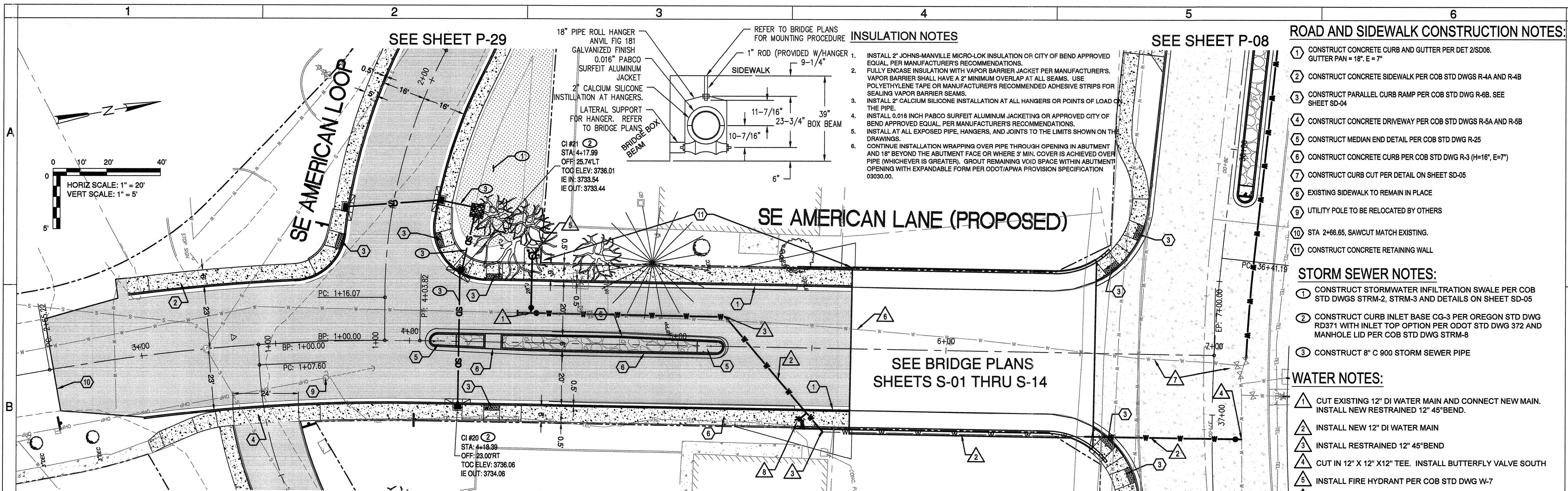
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE | 541.323.8963
 1020 SW EMMAWAY DRIVE #110 | 541.323.2995 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JUB
 SCALE: AS NOTED
 FILE: P-26 P-30
 DATE: 04/21/2014

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

SHEET:
P-27

COB # ST12CJ



INSULATION NOTES

1. INSTALL 2" JOHNS-MANVILLE MICRO-LOK INSULATION OR CITY OF BEND APPROVED EQUAL, PER MANUFACTURER'S RECOMMENDATIONS. FULLY ENCASE INSULATION WITH VAPOR BARRIER JACKET PER MANUFACTURER'S. VAPOR BARRIER SHALL HAVE A 2" MINIMUM OVERLAP AT ALL SEAMS. USE POLYETHYLENE TAPE OR MANUFACTURER'S RECOMMENDED ADHESIVE STRIPS FOR SEALING VAPOR BARRIER SEAMS.
2. INSTALL 2" CALCIUM SILICONE INSTALLATION AT ALL HANGERS OR POINTS OF LOAD ON THE PIPE.
3. INSTALL 0.018 INCH PABCO SURFEIT ALUMINUM JACKETING OR APPROVED CITY OF BEND APPROVED EQUAL, PER MANUFACTURER'S RECOMMENDATIONS.
4. INSTALL AT ALL EXPOSED PIPE, HANGERS, AND JOINTS TO THE LIMITS SHOWN ON THE DRAWINGS.
5. CONTINUE INSTALLATION WRAPPING OVER PIPE THROUGH OPENING IN ABUTMENT AND 18" BEYOND THE ABUTMENT FACE OR WHERE 3' MIN. COVER IS ACHIEVED OVER PIPE (WHICHEVER IS GREATER). GROUT REMAINING VOID SPACE WITHIN ABUTMENT OPENING WITH EXPANDABLE FORM PER ODOT/APWA PROVISION SPECIFICATION 03030.00.

- ROAD AND SIDEWALK CONSTRUCTION NOTES:**
1. CONSTRUCT CONCRETE CURB AND GUTTER PER DET 2/SD06. GUTTER PAN = 18", E = 7"
 2. CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
 3. CONSTRUCT PARALLEL CURB RAMP PER COB STD DWG R-6B. SEE SHEET SD-04
 4. CONSTRUCT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
 5. CONSTRUCT MEDIAN END DETAIL PER COB STD DWG R-25
 6. CONSTRUCT CONCRETE CURB PER COB STD DWG R-3 (H=16", E=7")
 7. CONSTRUCT CURB CUT PER DETAIL ON SHEET SD-05
 8. EXISTING SIDEWALK TO REMAIN IN PLACE
 9. UTILITY POLE TO BE RELOCATED BY OTHERS
 10. STA 2+66.65, SAWCUT MATCH EXISTING.
 11. CONSTRUCT CONCRETE RETAINING WALL
- STORM SEWER NOTES:**
1. CONSTRUCT STORMWATER INFILTRATION SWALE PER COB STD DWGS STRM-2, STRM-3 AND DETAILS ON SHEET SD-05
 2. CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
 3. CONSTRUCT 8" C 900 STORM SEWER PIPE
- WATER NOTES:**
1. CUT EXISTING 12" DI WATER MAIN AND CONNECT NEW MAIN. INSTALL NEW RESTRAINED 12" 45° BEND.
 2. INSTALL NEW 12" DI WATER MAIN
 3. INSTALL RESTRAINED 12" 45° BEND
 4. CUT IN 12" X 12" X 12" TEE. INSTALL BUTTERFLY VALVE SOUTH
 5. INSTALL FIRE HYDRANT PER COB STD DWG W-7
 6. EXISTING 12" WATER MAIN TO BE ABANDONED ACROSS CANAL.
 7. REMOVE EXTRA VALVE(S), BLIND FLANGE/CAP TEE, REMOVE 12" WATERLINE TO BRIDGE CAP ABANDONED LINE.
 8. INSTALL 2" AIR RELIEF VALVE PER COB BEND STD DRAWING W-10A

**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
AMERICAN LN PLAN & PROFILE, STA 2+50 TO 7+50**
CITY OF BEND, OREGON

REVISIONS:
1. JML 5.12.14
2. WHB 12.18.15
3.

**CENTURY WEST
ENGINEERING CORPORATION**
BEND OFFICE | 541.323.8963
1020 SW EMKAY DRIVE #100 | 541.383.2633 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: P-26 P-30
DATE: 04/21/2014

RECORD DRAWING CERTIFICATION
I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

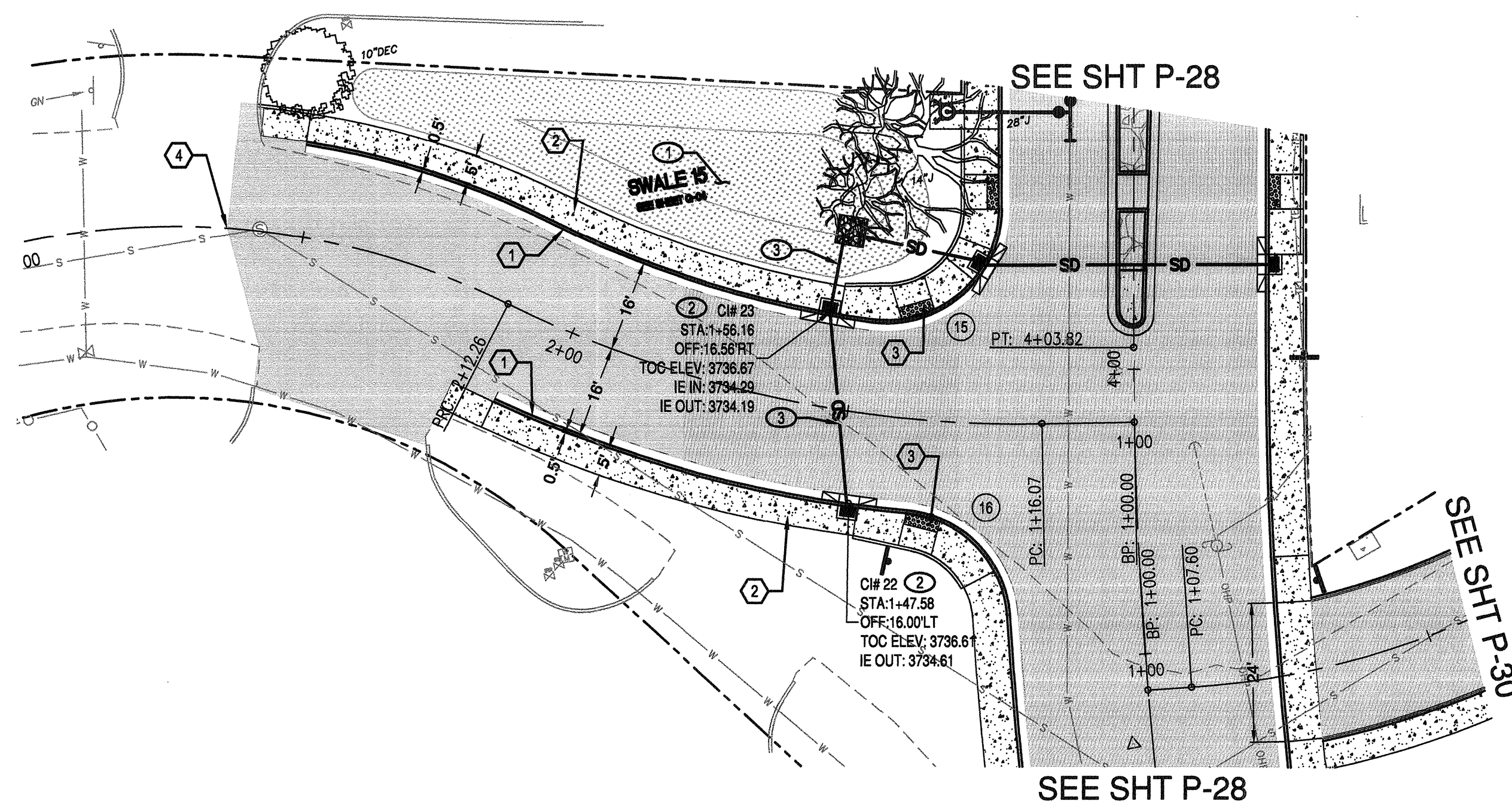
William H. Brackett
Signature
11/27/16
Date

REGISTERED PROFESSIONAL ENGINEER
18401PE
OREGON
William H. Brackett
WILLIAM H. BRACKETT
EXPIRES: 12/31/17

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

SHEET:
P-28

COB # ST12CJ



SE AMERICAN LOOP PLAN
 STA 0+50 TO 3+00
 SCALE: 1" = 20'

ROAD AND SIDEWALK CONSTRUCTION NOTES:

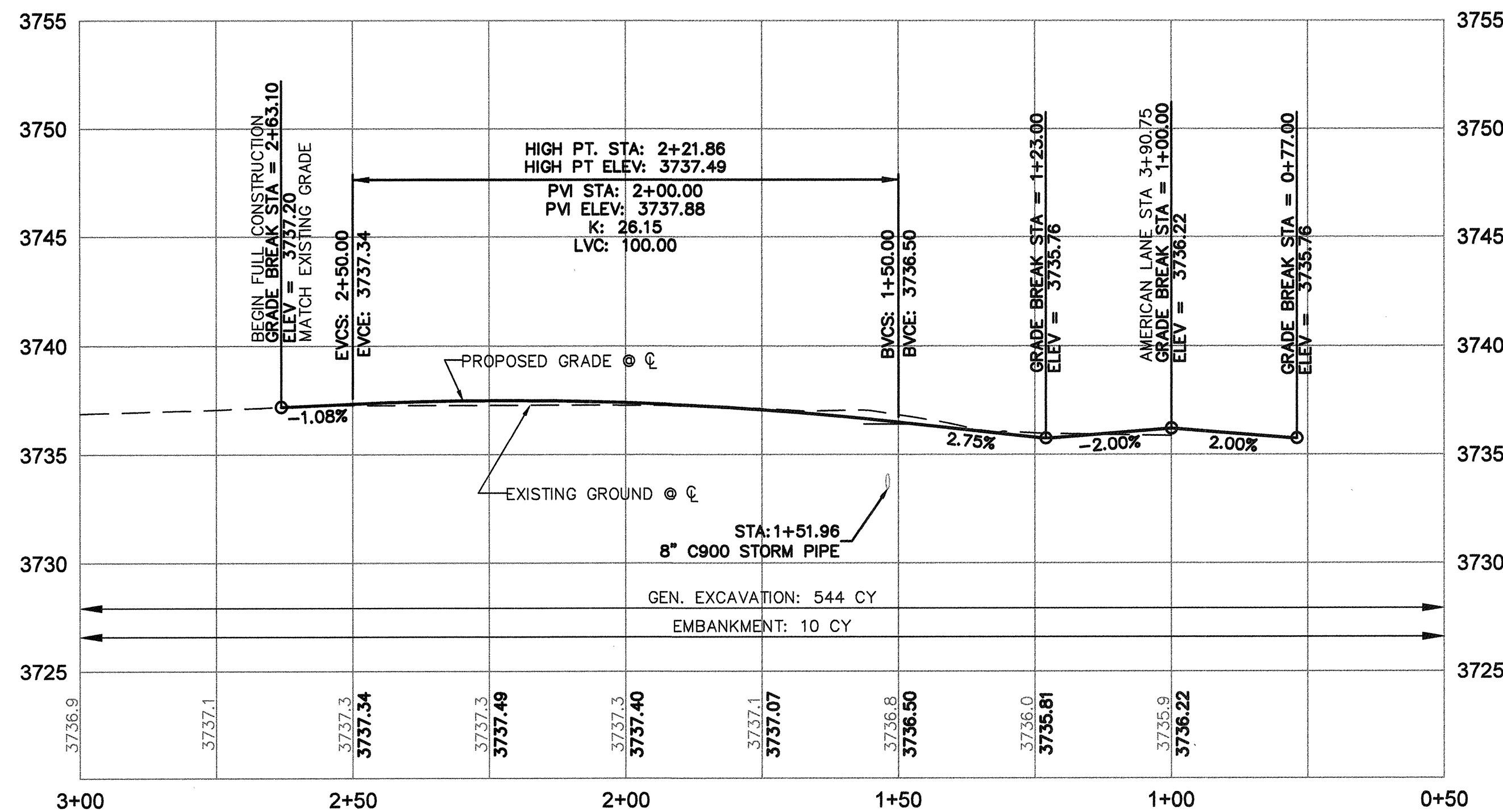
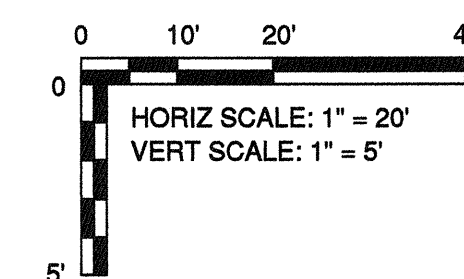
- ① CONSTRUCT CONCRETE CURB AND GUTTER PER ODOT STD. DWG RD700. GUTTER PAN = 18", E = 7"
- ② CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- ③ CONSTRUCT CURB RAMP PER COB STD DWGS R-6A AND R-6B. SEE SHEET SD-04
- ④ SAWCUT STA 2+63.10, EXISTING PAVEMENT. END CONSTRUCTION. MATCH EXISTING GRADES

STORM SEWER NOTES:

- ① CONSTRUCT STORMWATER INFILTRATION SWALE PER COB STD DWGS STRM-2, STRM-3 AND DETAILS ON SHEET SD-05
- ② CONSTRUCT CURB INLET BASE CG-3 PER OREGON STD DWG RD371 WITH INLET TOP OPTION PER ODOT STD DWG 372 AND MANHOLE LID PER COB STD DWG STRM-8
- ③ CONSTRUCT 8" C 900 STORM SEWER PIPE

CURB RETURN TABLE

DESC.	LOCATION	TP ELEV.	RADIUS	LENGTH
PC	04+28.10, 23.00' LT	3735.34'		
1/4A		3735.50'	20.00'	34.27'
1/2A		3735.69'		
3/4A		3735.91'		
PT	STA 01+48.36, 16.00' RT	3736.14'		
PC	STA 01+38.27, 16.00' LT	3735.86'	20.00'	28.28'
1/4A		3735.73'		
1/2A		3735.74'		
3/4A		3735.81'		
PT	STA 03+58.15, 23.00' LT	3735.85'		



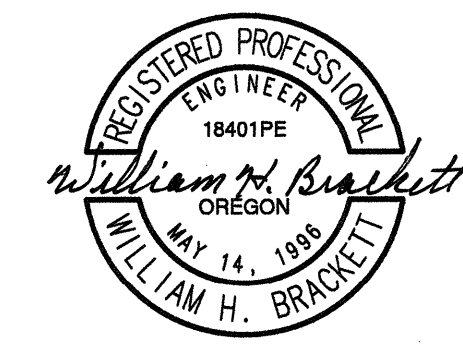
SE AMERICAN LOOP PROFILE
 STA 0+50 TO 3+00
 SCALE: 1" = 20' HORIZ
 1" = 5' VERT

RECORD DRAWING CERTIFICATION

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William H. Brackett
 Signature

1/27/16
 Date



EXPIRES: 12/31/17

REED MARKET ROAD
 3RD STREET TO NEWBERRY DRIVE
 AMERICAN LP PLAN & PROFILE, STA 0+50 TO 3+00
 CITY OF BEND, OREGON



REVISIONS:

1. WHB 12.18.15	RECORD DRAWING
2.	
3.	

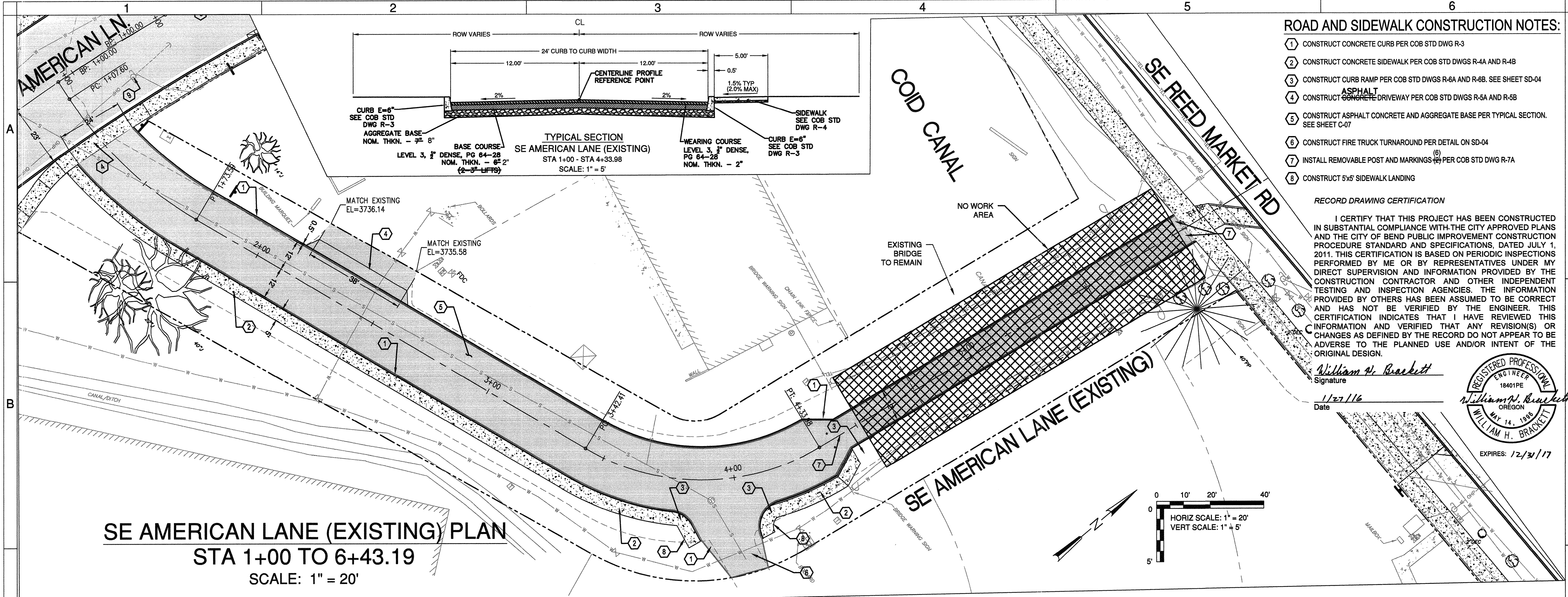
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE | 541.322.8962
 1020 SW EMKAY DRIVE # 100 | 541.322.2433 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE: P-26_P-30
 DATE: 04/21/2014

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

SHEET:
P-29

COB # ST12CJ



ROAD AND SIDEWALK CONSTRUCTION NOTES:

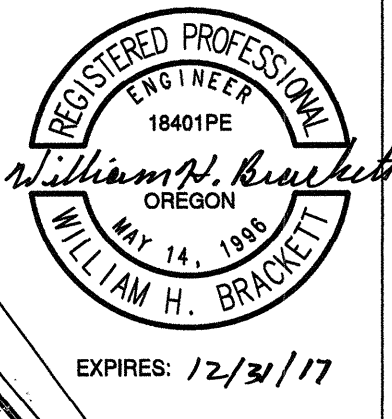
- 1 CONSTRUCT CONCRETE CURB PER COB STD DWG R-3
- 2 CONSTRUCT CONCRETE SIDEWALK PER COB STD DWGS R-4A AND R-4B
- 3 CONSTRUCT CURB RAMP PER COB STD DWGS R-6A AND R-6B. SEE SHEET SD-04
- 4 CONSTRUCT ASPHALT CONCRETE DRIVEWAY PER COB STD DWGS R-5A AND R-5B
- 5 CONSTRUCT ASPHALT AND AGGREGATE BASE PER TYPICAL SECTION. SEE SHEET C-07
- 6 CONSTRUCT FIRE TRUCK TURNAROUND PER DETAIL ON SD-04
- 7 INSTALL REMOVABLE POST AND MARKINGS PER COB STD DWG R-7A
- 8 CONSTRUCT 5'x5' SIDEWALK LANDING

RECORD DRAWING CERTIFICATION

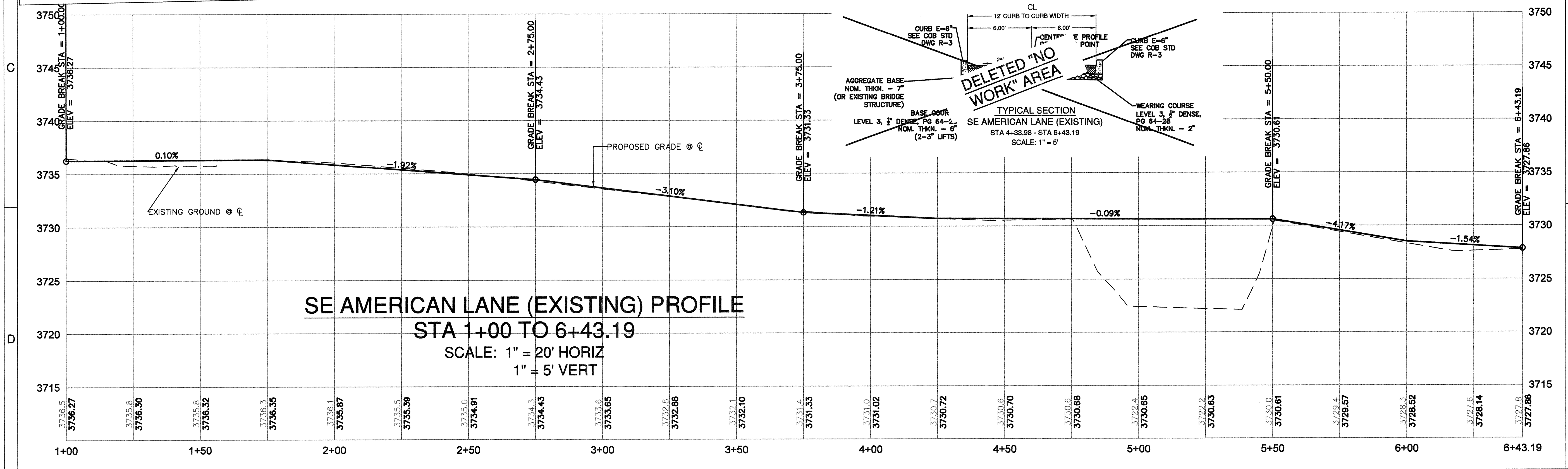
I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature

11/27/16
Date



SE AMERICAN LANE (EXISTING) PLAN
STA 1+00 TO 6+43.19
SCALE: 1" = 20'



SE AMERICAN LANE (EXISTING) PROFILE
STA 1+00 TO 6+43.19
SCALE: 1" = 20' HORIZ
1" = 5' VERT

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
AMERICAN LN PLAN & PROFILE, STA 1+00 TO 6+43.19
CITY OF BEND, OREGON



REVISIONS:
1. JML 5.12.14
2. WHB 12.18.15
3. RECORD DRAWING

CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE 541.322.8962
1020 SW EMKAT DRIVE # 100 541.382.2423 (FAX)
BEND, OR 97702 WWW.CENTURYWEST.COM

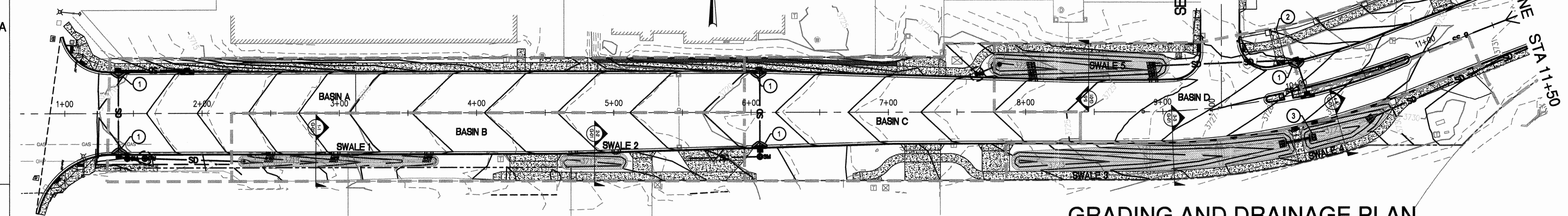
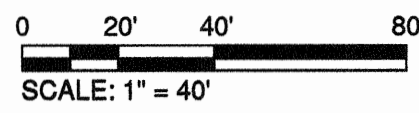
DESIGNED BY: JML
DRAWN BY: JUB
SCALE: AS NOTED
FILE: P-26_P-30
DATE: 04/21/2014

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

SHEET: **P-30**
COB # ST12CJ

GRADING GENERAL NOTES:

1. ALL GRADING TO BE PER CITY OF BEND GRADING ORDINANCE
2. SEE DEMOLITION PLANS FOR EXISTING TREES TO BE PROTECTED IN PLACE
3. CONSTRUCT STORMWATER SWALES PER CITY DETAIL STRM-2 AND SHEET LA-1



GRADING AND DRAINAGE PLAN

REED MKT RD STA 1+00 TO 11+50

SCALE: 1"=40'

EROSION CONTROL GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADJUSTMENT, MAINTENANCE, AND ANY UPGRADING OF THESE EROSION CONTROL FACILITIES FOR THE DURATION OF THE PROJECT.
2. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE FOR ANTICIPATED SITE CONDITIONS, AND ARE THE MINIMUM ANTICIPATED MEASURES NEEDED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADJUSTING OR UPGRADING THESE MEASURES AS NEEDED TO DEAL WITH VARYING CONDITIONS, TO ENSURE THAT SEDIMENT OR SEDIMENT LADEN WATERS DO NOT LEAVE THE SITE.
3. THE CONTRACTOR SHALL DEVELOP A REVISED PLAN OF THE EROSION CONTROL MEASURES PROPOSED AS REQUIRED IN SECTION 00280. IMPLEMENT THIS PLAN FOR ALL CLEARING AND GRADING OPERATIONS.
4. INSTALL EROSION CONTROL MEASURES WITH RIGHT-OF-WAY UNLESS DIRECTED OTHERWISE.
5. INSTALL CONSTRUCTION ENTRANCES AT THE BEGINNING OF CONSTRUCTION AND MAINTAIN FOR THE DURATION. THIS APPLIES TO EACH CONSTRUCTION STAGE. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN.
6. CONSTRUCT PERIMETER EROSION CONTROL MEASURES DOWNSLOPE OF ANY FILL SLOPES EXCEEDING 18-INCH IN HEIGHT AT 5-FEET FROM THE TOE OF THE SLOPE BUT WITHIN THE RIGHT-OF-WAY
7. PROTECT ALL INLETS DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM DRAIN SYSTEMS
8. THE USE OF STRAW BALES IS NOT ALLOWED ON THIS PROJECT

EROSION CONTROL NOTES:

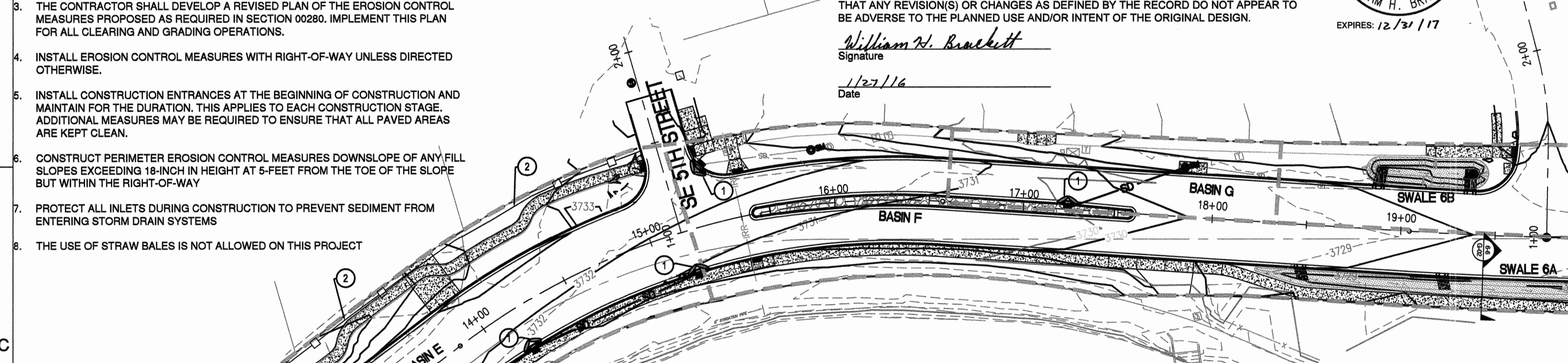
1. INSTALL INLET PROTECTION, TYPE 3 (SEE COB DWG E-2)
2. INSTALL SEDIMENT FENCE (SEE COB DWG E-1)
3. INSTALL STORM SEWER OUTFALL (SEE DETAIL SHEET SD-08)

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature

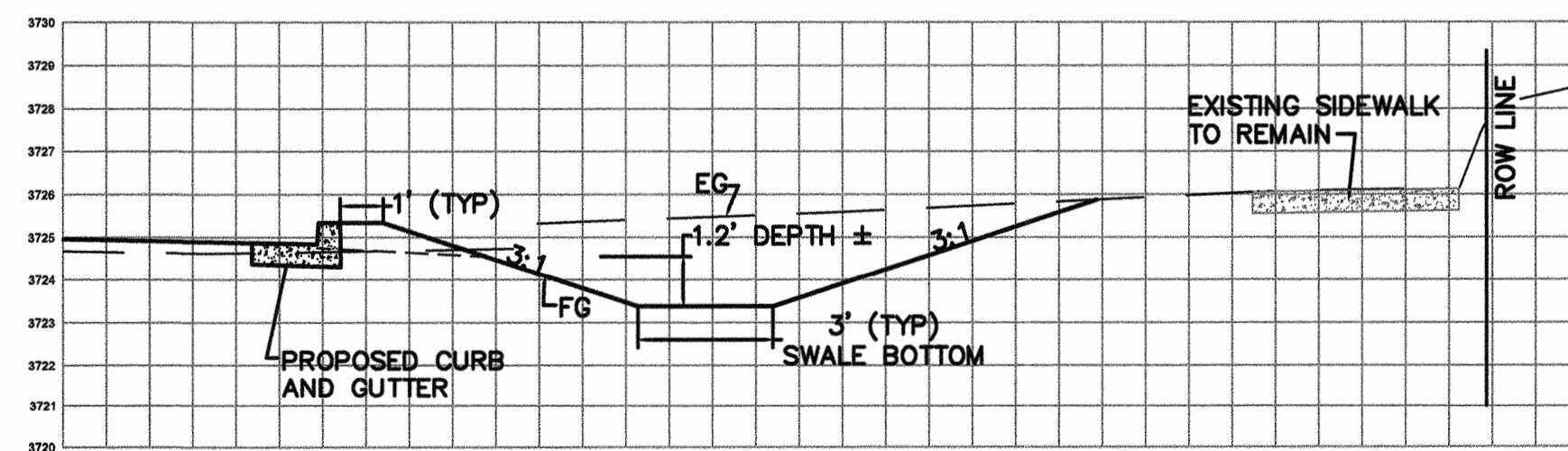
1/27/16
Date



GRADING AND DRAINAGE PLAN

REED MKT RD STA 11+50 TO 20+00

SCALE: 1"=40'



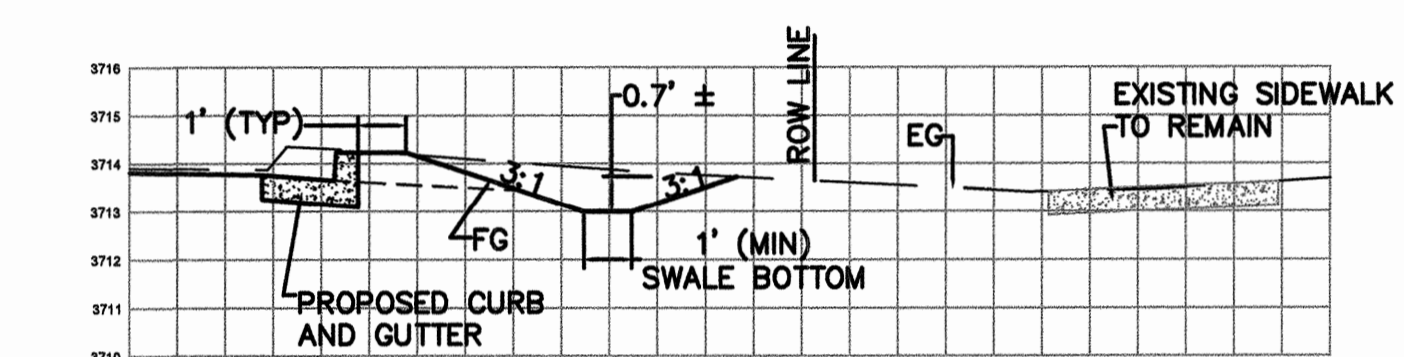
SWALE 5 SECTION (5-5)
HORIZ. AND VERT. SCALE 1"=4' (G-01)

EROSION CONTROL LEGEND

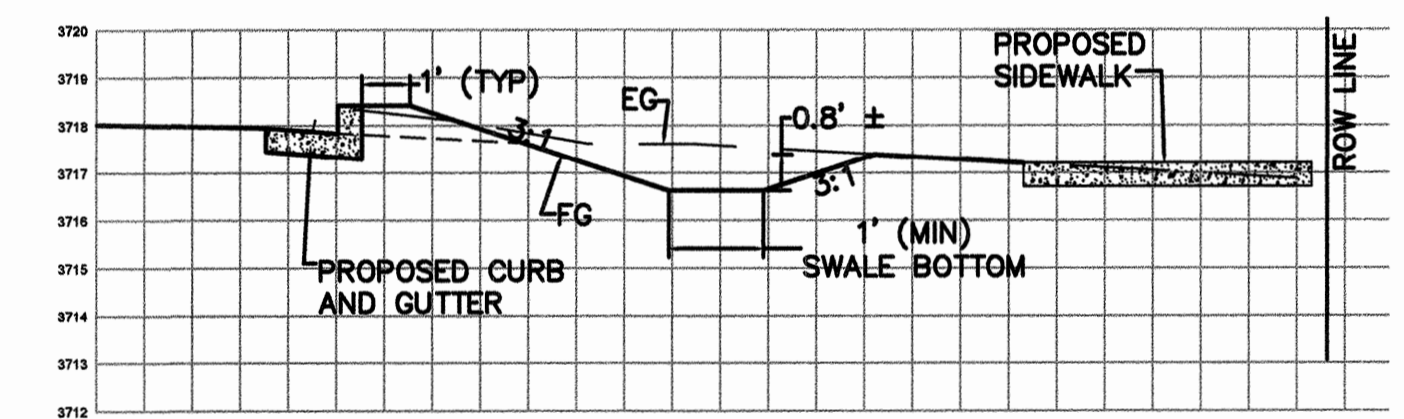
- INLET PROTECTION
- SEDIMENT FENCE

REED MARKET ROAD - STORMWATER CALCULATION SUMMARY

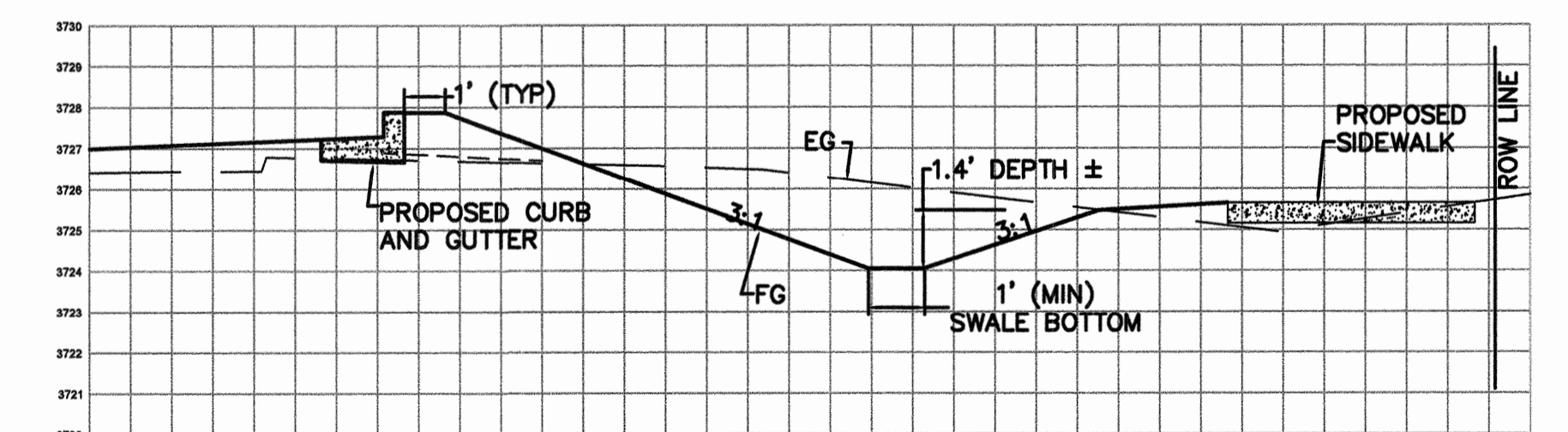
BASIN	AREA(SF)	IMPERVIOUS	Q25 (CFS)	Q100 (CFS)	V25(CF)	V100 (CF)
A	23,022	95%	0.59	0.74	3,454	4,316
B	16,683	95%	0.43	0.54	2,503	3,127
C	18,490	90%	0.48	0.60	2,774	3,466
D	17,800	90%	0.46	0.57	2,671	3,337
E	41,873	95%	1.08	1.35	6,283	7,849
F	25,536	95%	0.66	0.82	3,832	4,787
G	7,168	95%	0.18	0.23	1,076	1,344



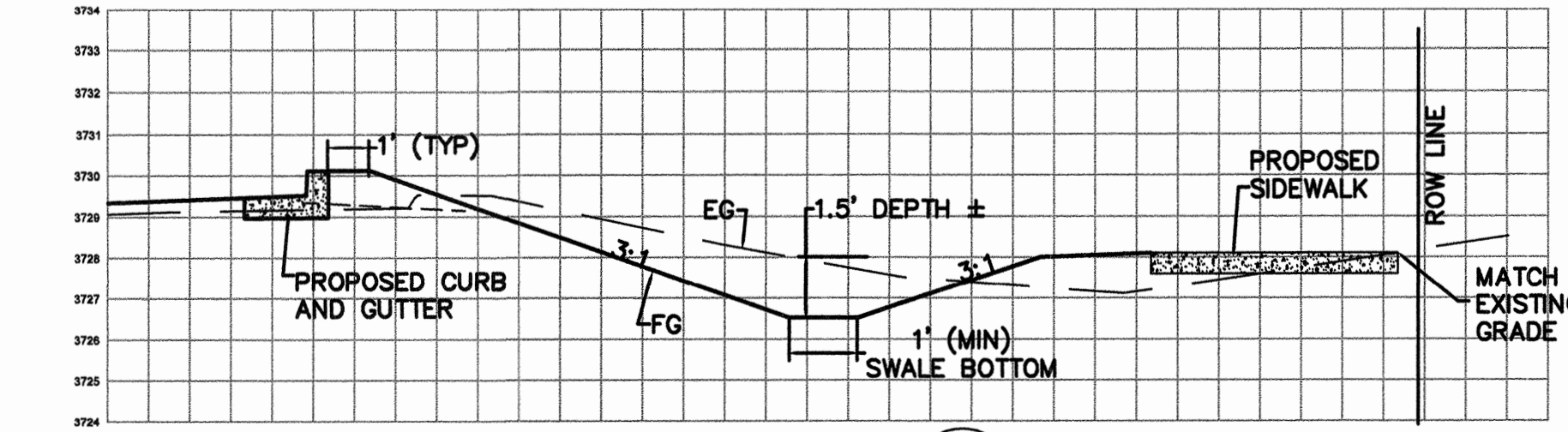
SWALE 1 SECTION (1-1)
HORIZ. AND VERT. SCALE 1"=4' (G-01)



SWALE 2 SECTION (2-2)
HORIZ. AND VERT. SCALE 1"=4' (G-01)



SWALE 3 SECTION (3-3)
HORIZ. AND VERT. SCALE 1"=4' (G-01)



SWALE 4 SECTION (4-4)
HORIZ. AND VERT. SCALE 1"=4' (G-01)

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR GRADING & DRAINAGE PLANS, STA1+00 TO 20+00
 CITY OF BEND, OREGON



REVISIONS:

1. LDB 12.18.15	RECORD DRAWING
2.	
3.	

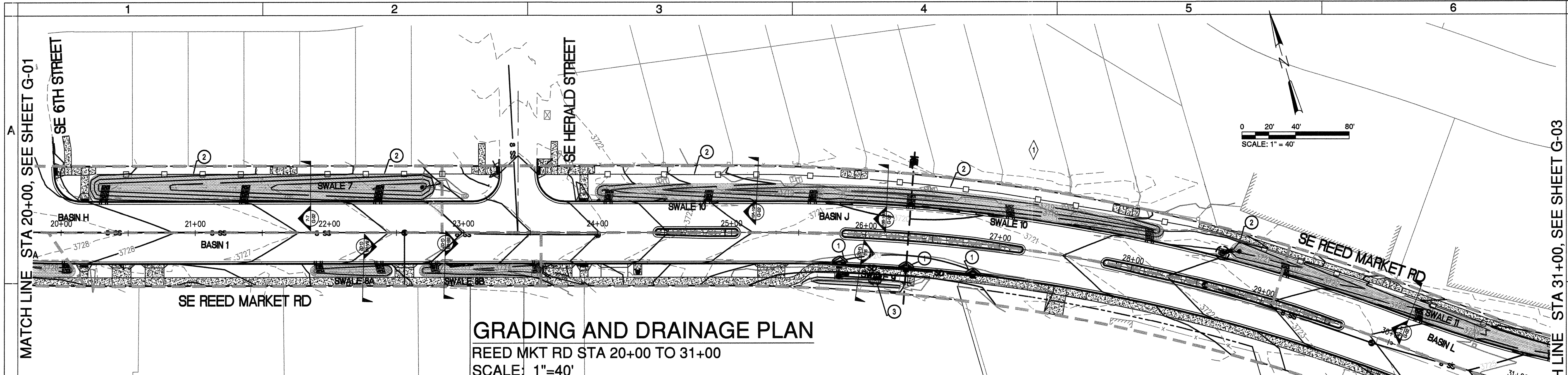
CENTURY WEST
ENGINEERING CORPORATION
 BEND OFFICE 541.322.8662
 1020 SW EMERY DRIVE # 100 541.382.2423 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: 1"=20'
 FILE: G-01 G-04
 DATE: 04/21/2014

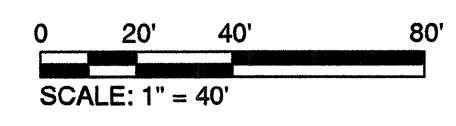
VERIFY SCALES
 0 1"
 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

G-01

COB # ST12CJ



GRADING AND DRAINAGE PLAN
 REED MKT RD STA 20+00 TO 31+00
 SCALE: 1"=40'



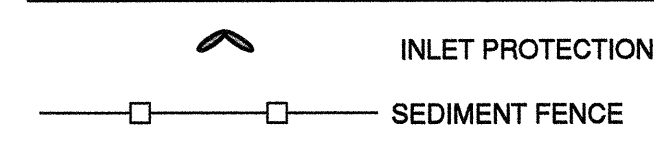
EROSION CONTROL NOTES:

- ① INSTALL INLET PROTECTION, TYPE 3 (SEE COB DWG E-2)
- ② INSTALL SEDIMENT FENCE (SEE COB DWG E-1)
- ③ INSTALL STORM SEWER OUTFALL (SEE DETAIL SHEET SD-08)

REED MARKET ROAD - STORMWATER CALCULATION SUMMARY

BASIN	AREA(SF)	IMPERVIOUS	Q25 (CFS)	Q100 (CFS)	V25(CF)	V100 (CF)
H	21,742	90%	0.56	0.70	3,262	4,076
I	14,073	90%	0.36	0.45	2,112	2,638
J	30,169	90%	0.78	0.97	4,527	5,655
K	33,843	90%	0.87	1.09	5,078	6,344
L	13,798	95%	0.36	0.44	2,070	2,587

EROSION CONTROL LEGEND



GRADING GENERAL NOTES:

- 1. ALL GRADING TO BE PER CITY OF BEND GRADING ORDINANCE
- 2. SEE DEMOLITION PLANS FOR EXISTING TREES TO BE PROTECTED IN PLACE
- 3. CONSTRUCT STORMWATER SWALES PER CITY DETAIL STRM-2 AND SHEET LA-1

EROSION CONTROL GENERAL NOTES:

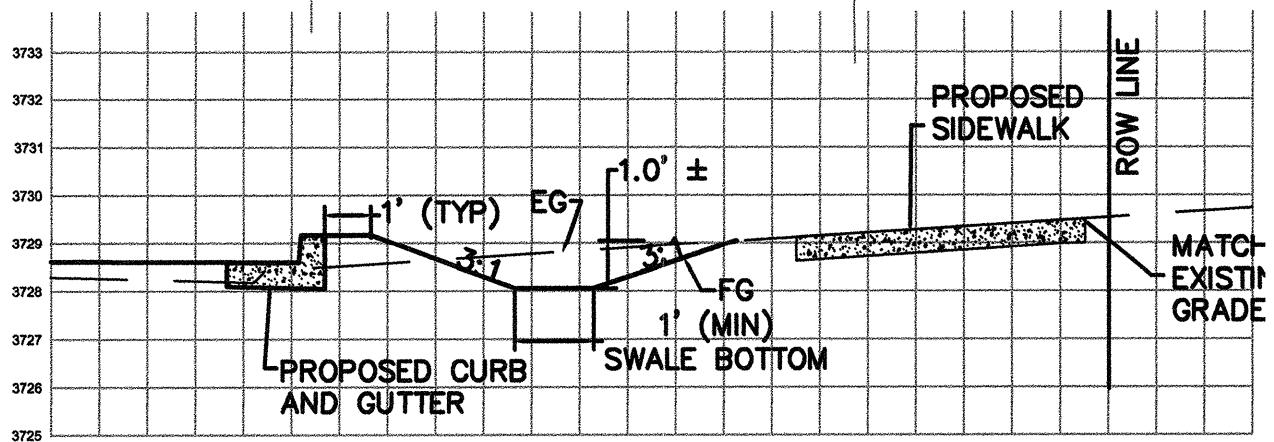
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- 4. INSTALL EROSION CONTROL MEASURES WITH RIGHT-OF-WAY UNLESS DIRECTED OTHERWISE.
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- 7. PROTECT ALL INLETS DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM DRAIN SYSTEMS
- 8. THE USE OF STRAW BALES IS NOT ALLOWED ON THIS PROJECT
RECORD DRAWING CERTIFICATION

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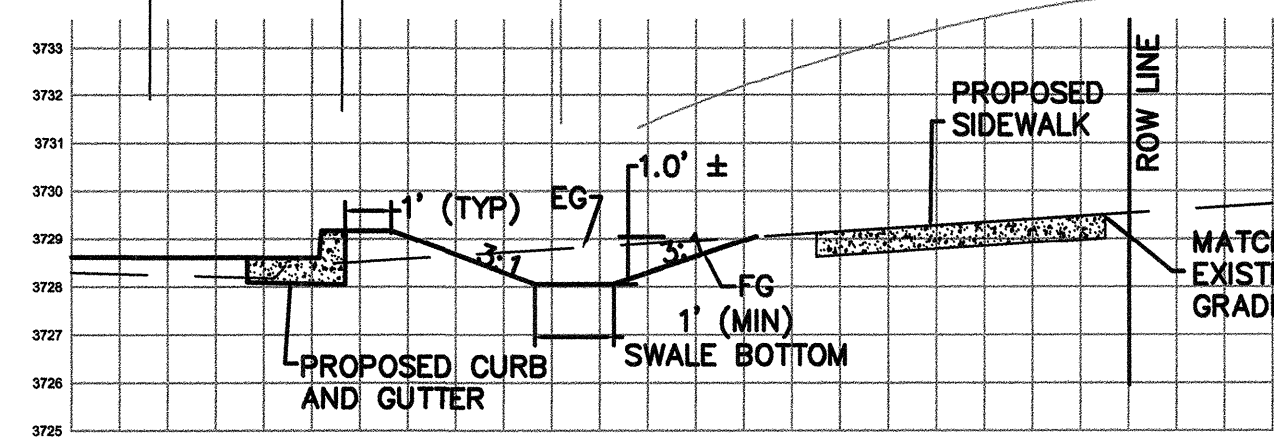
William H. Brackett
 Signature
 1/27/16
 Date



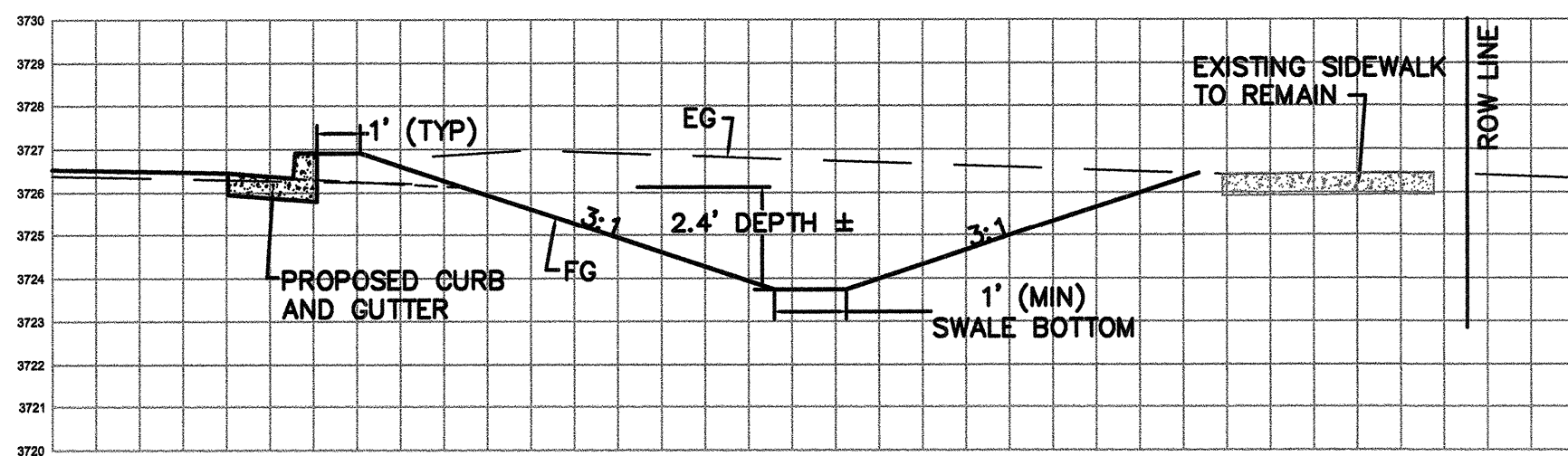
SWALE 6A SECTION (6A-6A) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



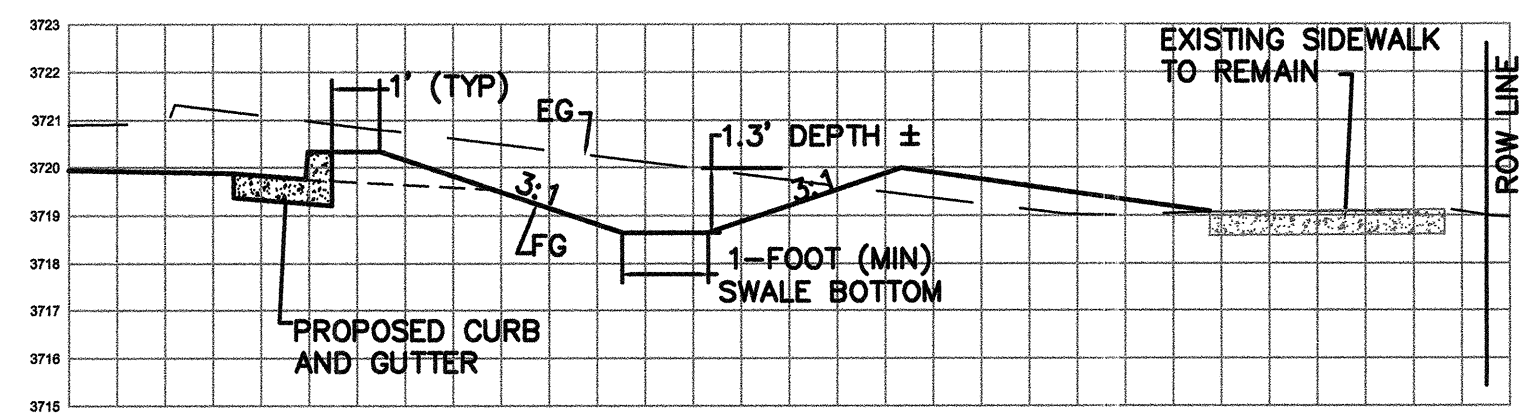
SWALE 6B SECTION (6B-6B) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



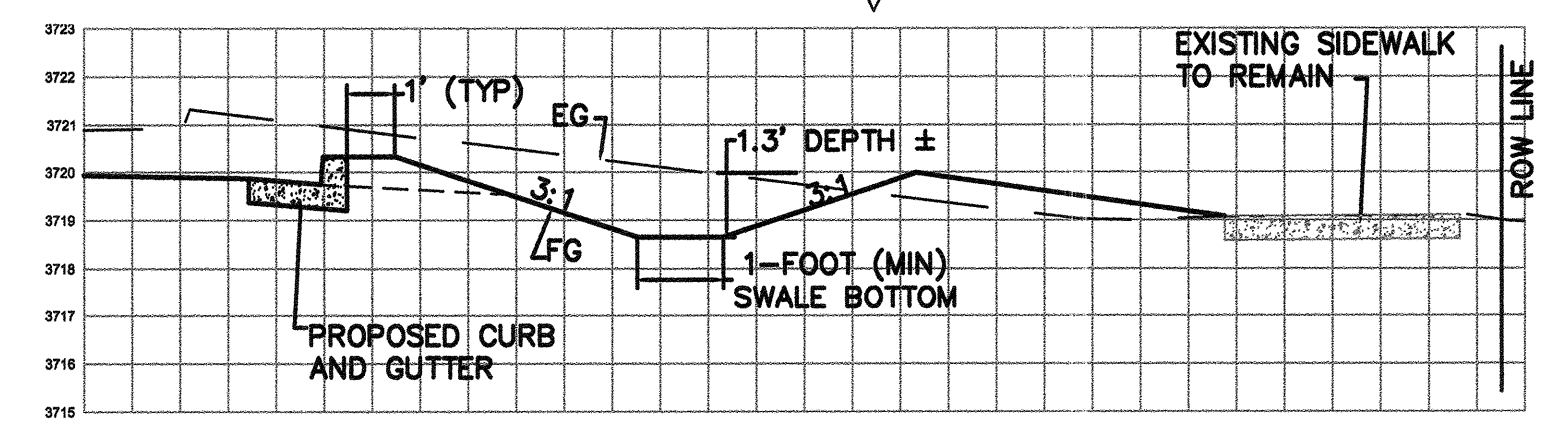
SWALE 7 SECTION (7-7) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



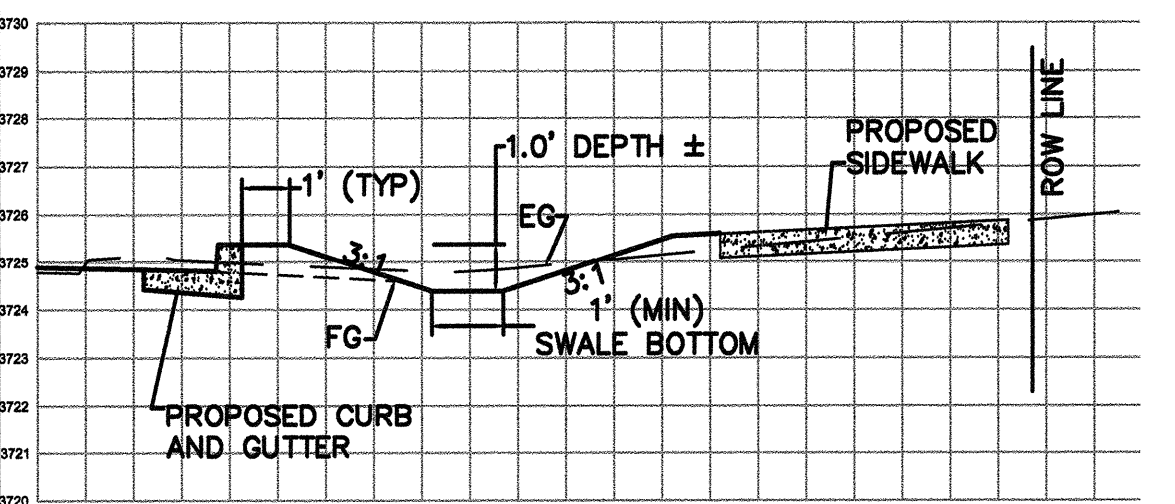
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 HORIZ. AND VERT. SCALE 1"=4'



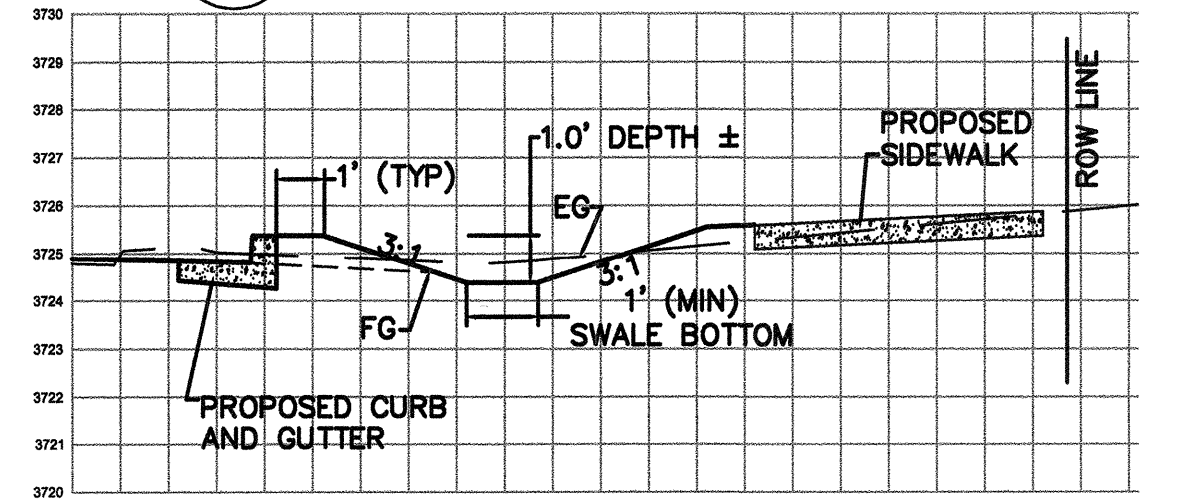
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 HORIZ. AND VERT. SCALE 1"=4'



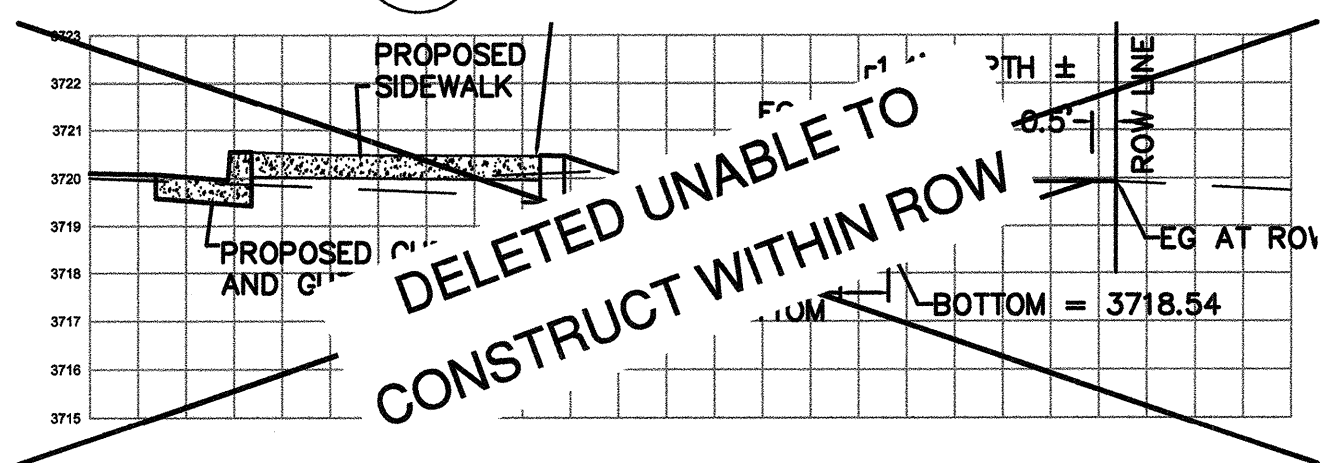
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 HORIZ. AND VERT. SCALE 1"=4'



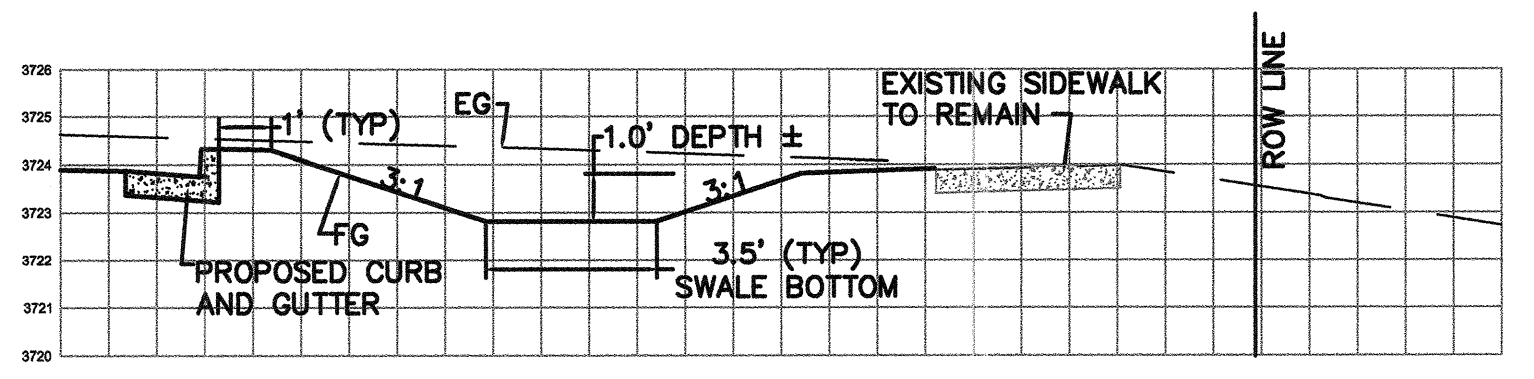
SWALE 8B SECTION (8B-8B) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



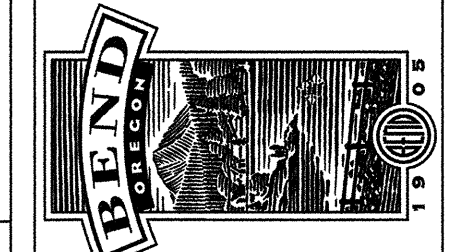
SWALE 9 SECTION (9-9) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



SWALE 11 SECTION (11-11) (G-02)
 HORIZ. AND VERT. SCALE 1"=4'



REED MARKET ROAD
 3RD STREET TO NEWBERRY DRIVE
 RMR GRADING & DRAINAGE PLANS, STA 20+00 TO 31+00
 CITY OF BEND, OREGON



REVISIONS:

1.	JML 9.16.14
2.	LDB 12.18.15
3.	RECORD DRAWING

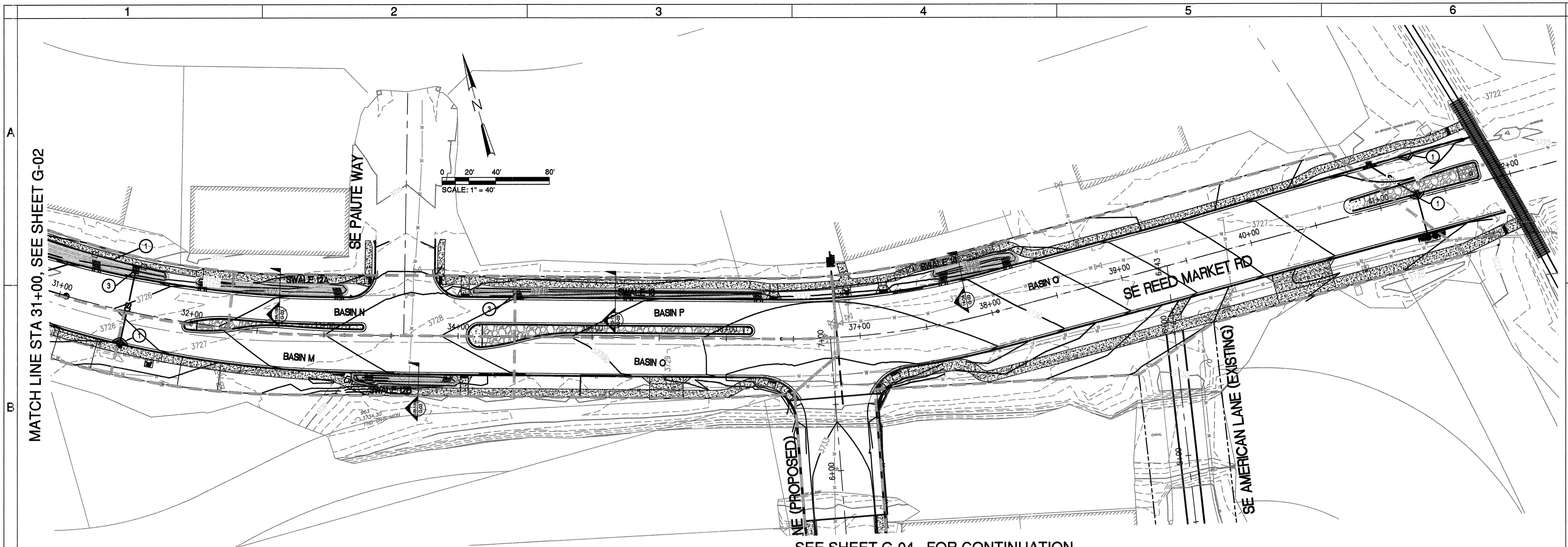
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 1541.322.8662
 1020 SW EMMA DRIVE #100 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: 1"=20'
 FILE: G-01 G-04
 DATE: 04/21/2014

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

SHEET: **G-02**

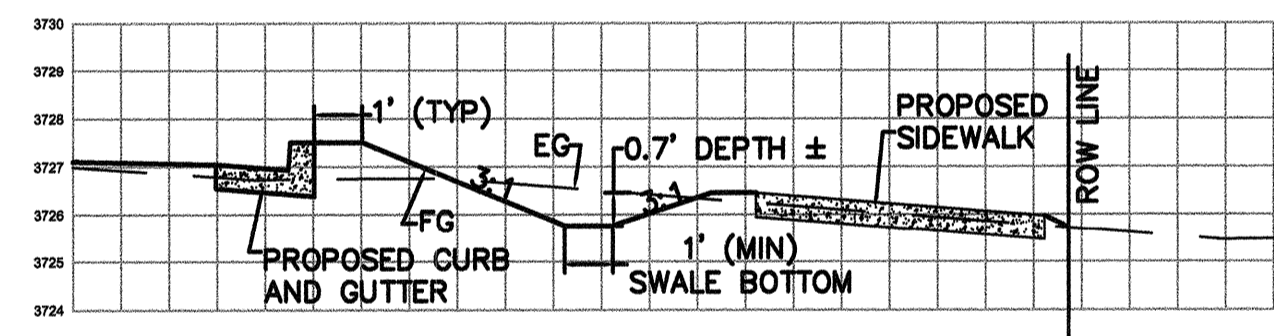
COB # ST12CJ



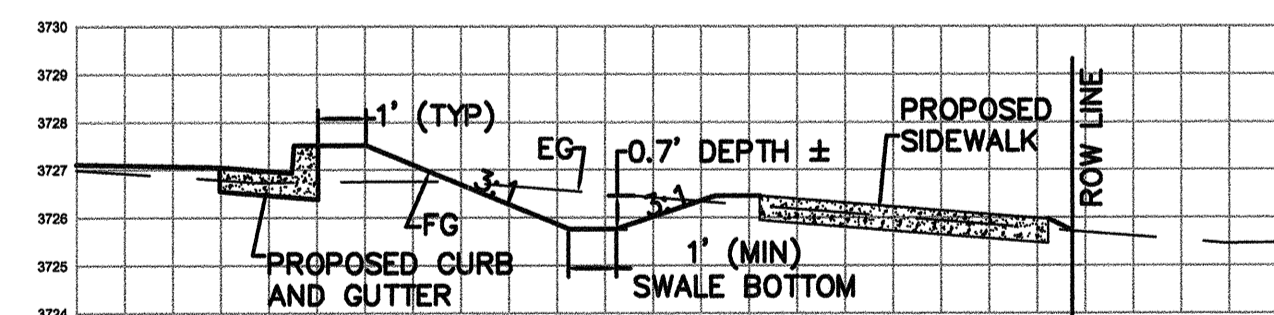
SEE SHEET G-04 FOR CONTINUATION

GRADING AND DRAINAGE PLAN

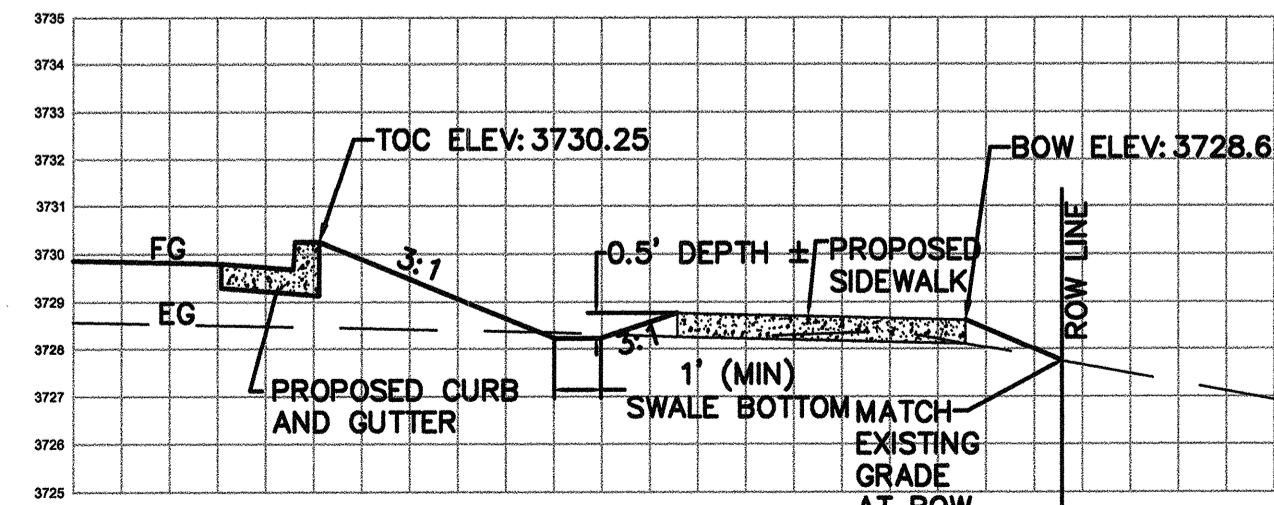
REED MKT RD STA 31+00 TO 42+00
SCALE: 1"=40'



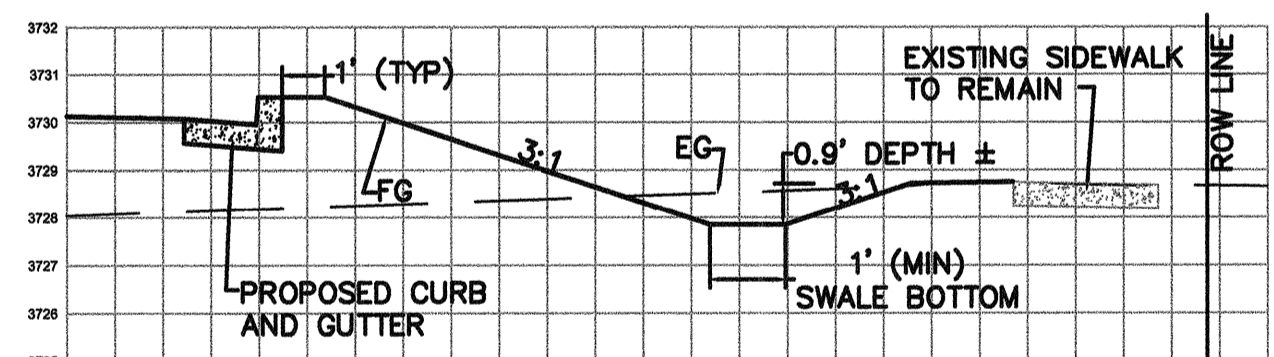
SWALE 12A SECTION (12A-12A)
G-03
HORIZ. AND VERT. SCALE 1"=4'



SWALE 12B SECTION (12B-12B)
G-03
HORIZ. AND VERT. SCALE 1"=4'



SWALE 13 SECTION (13-13)
G-03
HORIZ. AND VERT. SCALE 1"=4'

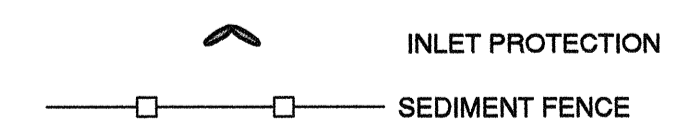


SWALE 14 SECTION (14-14)
G-03
HORIZ. AND VERT. SCALE 1"=4'

EROSION CONTROL NOTES:

- ① INSTALL INLET PROTECTION, TYPE 3 (SEE COB DWG E-2)
- ② INSTALL SEDIMENT FENCE (SEE COB DWG E-1)
- ③ INSTALL STORM SEWER OUTFALL (SEE DETAIL SHEET SD-08)

EROSION CONTROL LEGEND



REED MARKET ROAD - STORMWATER CALCULATION SUMMARY

BASIN	AREA(SF)	IMPERVIOUS	Q25 (CFS)	Q100 (CFS)	V25(CF)	V100 (CF)
M	13,820	95%	0.35	0.44	2,044	2,553
N	9,465	95%	0.24	0.31	1,420	1,774
O	10,118	95%	0.26	0.33	1,518	1,897
P	10,632	95%	0.27	0.34	1,595	1,993
Q	57,326	95%	1.48	1.85	8,601	10,746

GRADING GENERAL NOTES:

1. ALL GRADING TO BE PER CITY OF BEND GRADING ORDINANCE
2. SEE DEMOLITION PLANS FOR EXISTING TREES TO BE PROTECTED IN PLACE
3. CONSTRUCT STORMWATER SWALES PER CITY DETAIL STRM-2 AND SHEET LA-1

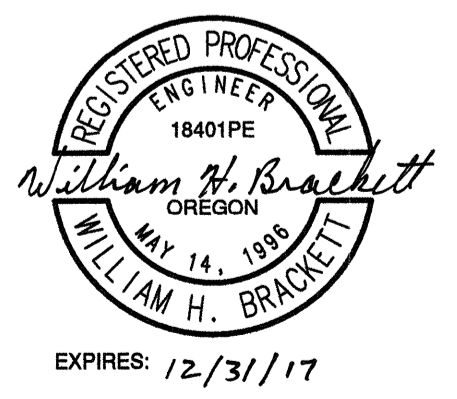
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4. INSTALL EROSION CONTROL MEASURES WITH RIGHT-OF-WAY UNLESS DIRECTED OTHERWISE.
5. INSTALL CONSTRUCTION ENTRANCES AT THE BEGINNING OF CONSTRUCTION AND MAINTAIN FOR THE DURATION. THIS APPLIES TO EACH CONSTRUCTION STAGE. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN.
6. CONSTRUCT PERIMETER EROSION CONTROL MEASURES DOWNSLOPE OF ANY FILL SLOPES EXCEEDING 18-INCH IN HEIGHT AT 5-FEET FROM THE TOE OF THE SLOPE BUT WITHIN THE RIGHT-OF-WAY.
7. PROTECT ALL INLETS DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM DRAIN SYSTEMS.
8. THE USE OF STRAW BALES IS NOT ALLOWED ON THIS PROJECT

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
11/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR GRADING & DRAINAGE PLANS, STA 31+00 TO 42+00
CITY OF BEND, OREGON



REVISIONS:

1. LDB 12.18.15	RECORD DRAWING
2.	
3.	

CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE | 541.332.9952
1020 SW EMKAY DRIVE #100 | BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: 1"=20'
FILE: G-01 G-04
DATE: 04/21/2014

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

SHEET:
G-03

COB # ST12CJ

SEE SHEET G-03 FOR CONTINUATION

GRADING GENERAL NOTES:

1. ALL GRADING TO BE PER CITY OF BEND GRADING ORDINANCE
2. SEE DEMOLITION PLANS FOR EXISTING TREES TO BE PROTECTED IN PLACE
3. CONSTRUCT STORMWATER SWALES PER CITY DETAIL STRM-2 AND SHEET LA-1

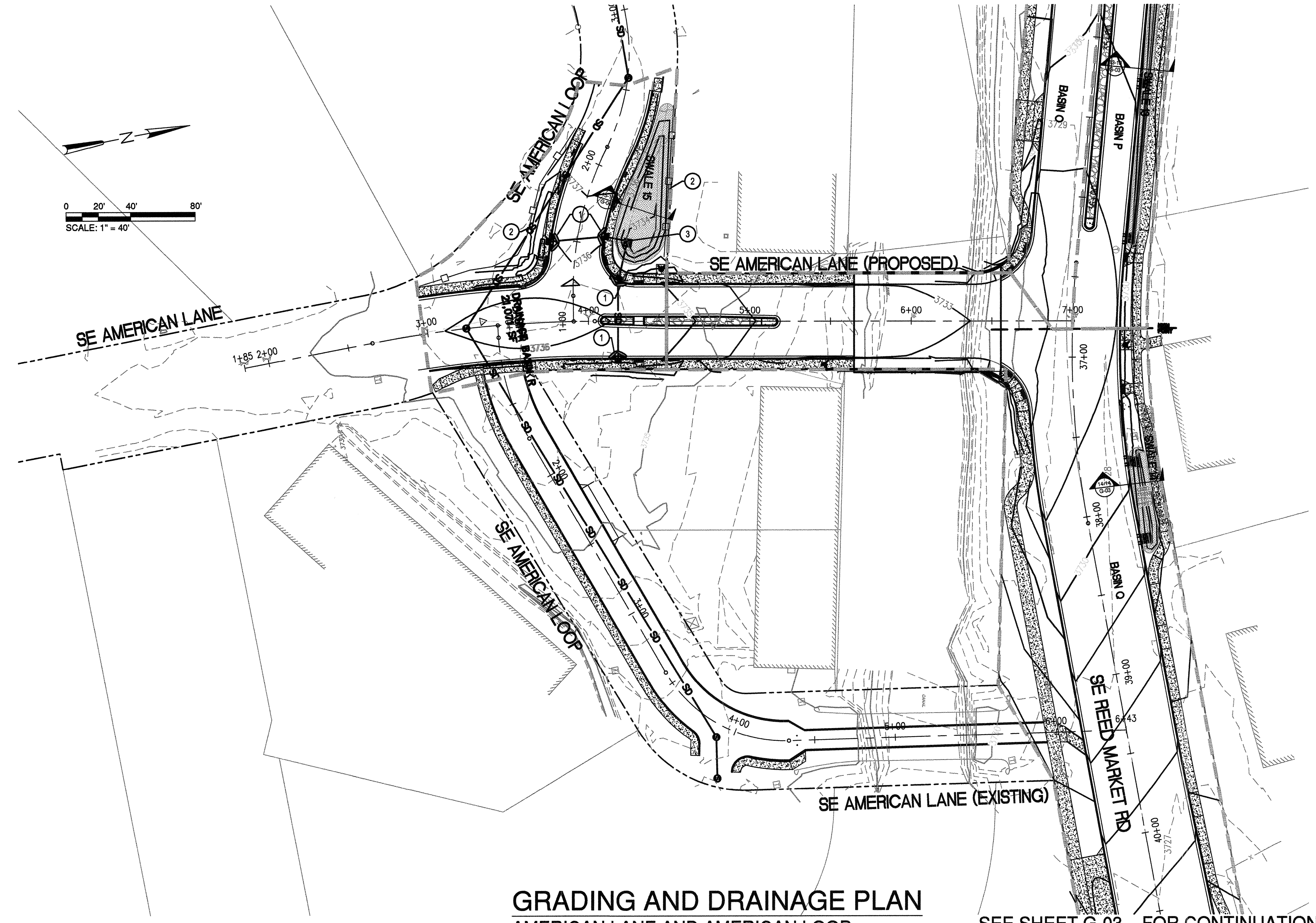
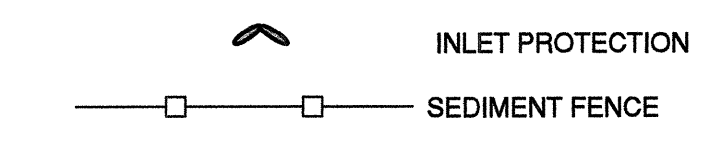
EROSION CONTROL GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADJUSTMENT, MAINTENANCE, AND ANY UPGRADING OF THESE EROSION CONTROL FACILITIES FOR THE DURATION OF THE PROJECT.
2. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE FOR ANTICIPATED SITE CONDITIONS, AND ARE THE MINIMUM ANTICIPATED MEASURES NEEDED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADJUSTING OR UPGRADING THESE MEASURES AS NEEDED TO DEAL WITH VARYING CONDITIONS, TO ENSURE THAT SEDIMENT OR SEDIMENT LADEN WATERS DO NOT LEAVE THE SITE.
3. THE CONTRACTOR SHALL DEVELOP A REVISED PLAN OF THE EROSION CONTROL MEASURES PROPOSED AS REQUIRED IN SECTION 00280. IMPLEMENT THIS PLAN FOR ALL CLEARING AND GRADING OPERATIONS.
4. INSTALL EROSION CONTROL MEASURES WITH RIGHT-OF-WAY UNLESS DIRECTED OTHERWISE.
5. INSTALL CONSTRUCTION ENTRANCES AT THE BEGINNING OF CONSTRUCTION AND MAINTAIN FOR THE DURATION. THIS APPLIES TO EACH CONSTRUCTION STAGE. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN.
6. CONSTRUCT PERIMETER EROSION CONTROL MEASURES DOWNSLOPE OF ANY FILL SLOPES EXCEEDING 18-INCH IN HEIGHT AT 5-FEET FROM THE TOE OF THE SLOPE BUT WITHIN THE RIGHT-OF-WAY
7. PROTECT ALL INLETS DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM DRAIN SYSTEM.
8. THE USE OF STRAW BALES IS NOT ALLOWED ON THIS PROJECT

EROSION CONTROL NOTES:

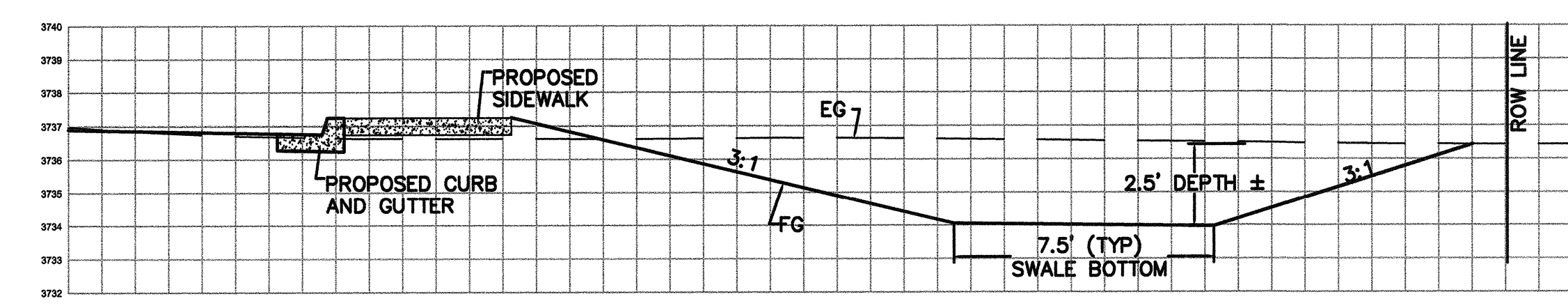
- ① INSTALL INLET PROTECTION, TYPE 3 (SEE COB DWG E-2)
- ② INSTALL SEDIMENT FENCE (SEE COB DWG E-1)
- ③ INSTALL STORM SEWER OUTFALL (SEE DETAIL SHEET SD-08)

EROSION CONTROL LEGEND



GRADING AND DRAINAGE PLAN
 AMERICAN LANE AND AMERICAN LOOP
 SCALE: 1"=40'

SEE SHEET G-03 FOR CONTINUATION



SWALE 15 SECTION
 HORIZ. AND VERT. SCALE 1"=4'
 15-15
 G-04

REED MARKET ROAD - STORMWATER CALCULATION SUMMARY

BASIN	AREA(SF)	IMPERVIOUS	Q25 (CFS)	Q100 (CFS)	V25(CF)	V100 (CF)
R	21,071	90%	0.54	0.68	3,162	3,950

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William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 AMER. LN & LP GRADING & DRAINAGE PLANS
 CITY OF BEND, OREGON



REVISIONS:

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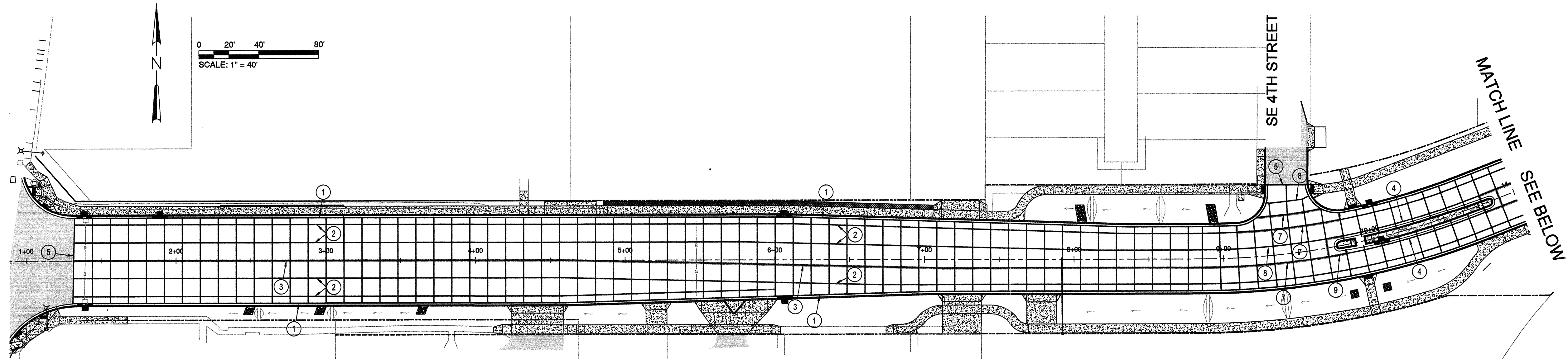
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 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: 1"=40'
 FILE: G-01 G-04
 DATE: 04/21/2014

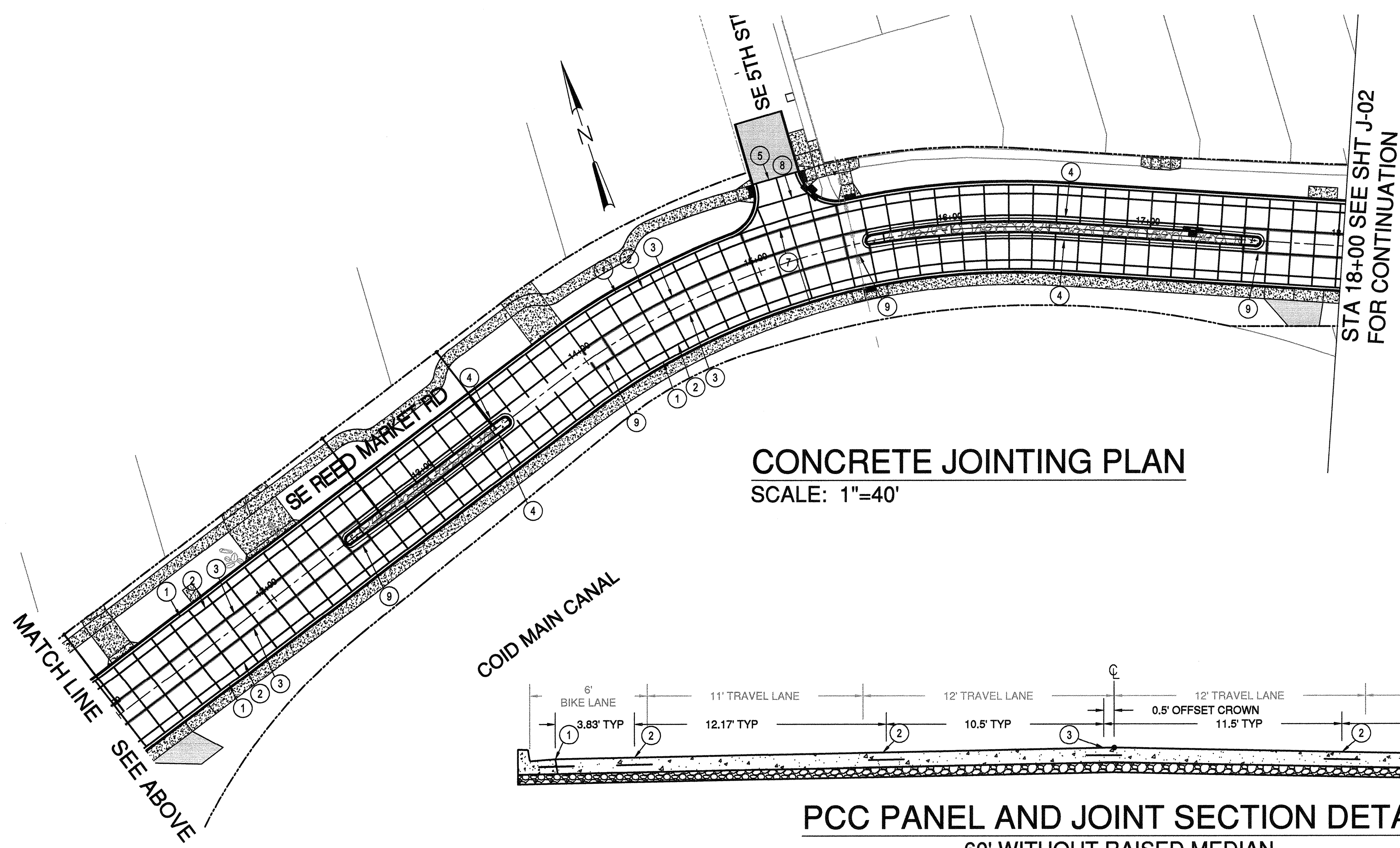
VERIFY SCALES
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SHEET:
G-04

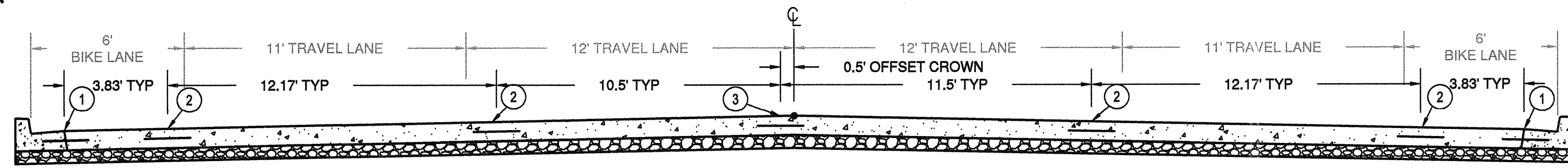
COB # ST12CJ



CONCRETE JOINTING PLAN
SCALE: 1"=40'



CONCRETE JOINTING PLAN
SCALE: 1"=40'



PCC PANEL AND JOINT SECTION DETAIL
60' WITHOUT RAISED MEDIAN
NOT TO SCALE

JOINTING NOTES:

- 1 CONSTRUCT TIED CONTACT JOINT BETWEEN GUTTER AND BIKE LANE PER DETAIL SECTION F-F OF STD. DWG. DET 1600
- 2 CONSTRUCT SAWN AND TIED LONGITUDINAL JOINT PER SECTION FF OF STD. DWG. DET 1600 AND DETAIL SHEET SD-05.
- 3 CONSTRUCT TIED LONGITUDINAL CONSTRUCTION JOINT PER STD. DWG. DET 1600
- 4 CONSTRUCT ISOLATION JOINT WITH PREFORMED EXPANSION JOINT FILLER PER DETAIL ON SHEET SD-05
- 5 CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-05
- 6 CONSTRUCT TRANSVERSE CONSTRUCTION JOINT PER DETAIL SECTION D-D OF STD. DWG. DET 1600. REMOVE EXISTING TRANSITION AND DRILL IN DOWELL BARS.
- 7 CONSTRUCT DOWELLED LONGITUDINAL CONSTRUCTION JOINT. DOWEL DETAILS PER SECTION D-D OF STD. DWG.
- 8 CONSTRUCT DOWELLED LONGITUDINAL SAWN JOINT. DOWEL DETAILS PER SECTION D-D, JOINT DETAILS PER SECTION F-F OF STD. DWG. DET 1600.
- 9 CONSTRUCT TIED LONGITUDINAL CONSTRUCTION JOINT PER STD. DWG. DET 1600, WITH BITUMINOUS BOND BREAKER (COATING OR BUILDING PAPER) APPLIED TO THE TRAVEL LANE JOINT FACE WHERE TRANSVERSE JOINTS ON EITHER SIDE OF THE CONSTRUCTION JOINT DO NOT LINE UP.
- 10 CONSTRUCTION JOINTS CROSSING TRAVEL LANES SHALL BE THICKENED EDGE ISOLATION JOINTS PER DETAIL 6 SHEET SD-08.
- 11 CONSTRUCT TIED CONTACT JOINT BETWEEN CURB OR GUTTER AND TRAVEL LANE PER DETAIL SECTION F-F OF STD. DWG. DET 1600.

GENERAL NOTES:

1. TRANSVERSE JOINT SPACING WITHIN TRAVEL LANES AND BIKE LANES SHALL BE 12-FOOT MAXIMUM.
2. TRANSVERSE JOINTS SHALL BE DOWELLED PER ODOT RD600, EXCEPT DOWELS ARE NOT REQUIRED (SAWN ONLY) IN THE BIKE LANES AND THE SMALL PANELS ADJACENT TO THE MEDIANS.
3. THE RATIO OF MAXIMUM TO MINIMUM SLAB DIMENSIONS SHALL NOT EXCEED 1.25.
4. JOINT DETAILS SHALL BE PER ODOT DET 1600 AND SHEET SD-05.
5. CURB AND GUTTER JOINTS SHALL MATCH ROAD PANEL JOINTS.
6. PCC JOINTS SHALL BE 4-INCH MIN. OFFSET TO PARALLEL MMA INLAID STRIPING.
7. CONSTRUCTION JOINT LOCATIONS MAY NEED TO BE ADJUSTED FOR CONTRACTOR'S CONSTRUCTION STAGING PLANS.

RECORD DRAWING CERTIFICATION

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William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR CONCRETE JOINTING PLAN
CITY OF BEND, OREGON



REVISIONS:

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3.	

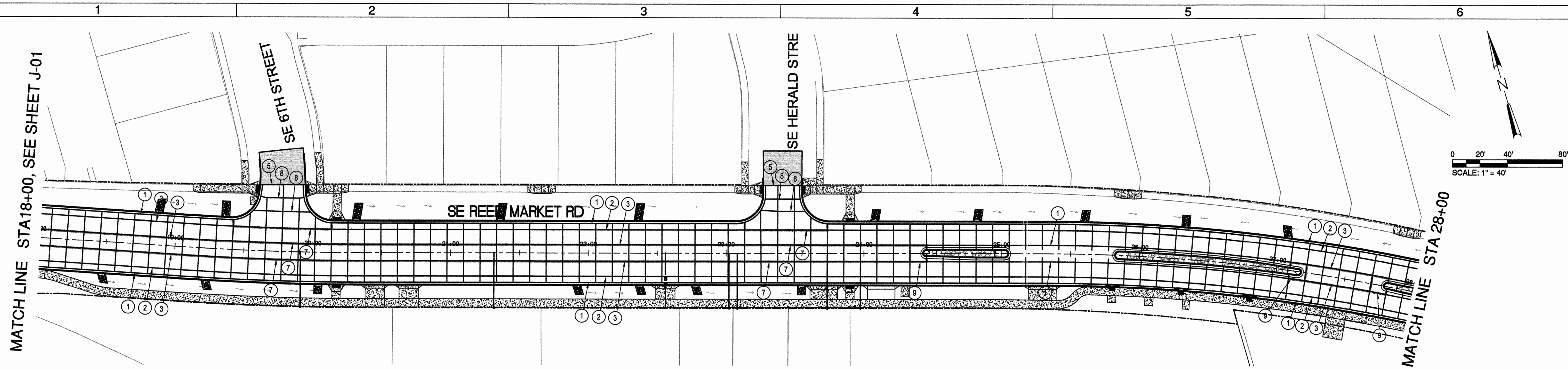
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BEND OFFICE 541.322.8965
1020 SW EMKAY DRIVE #100 541.362.2425 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE: J-01 J-03
DATE: 04/21/2014

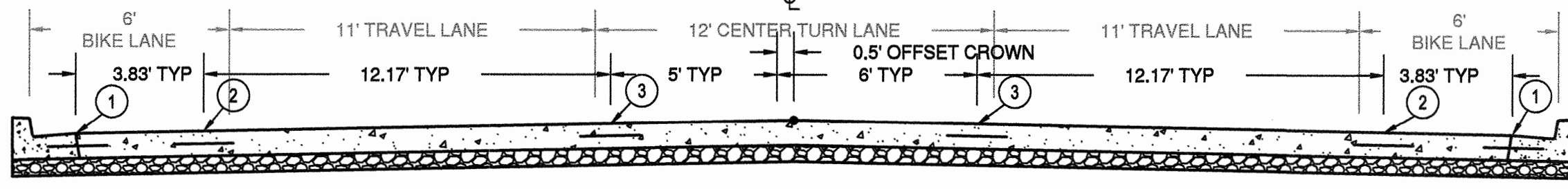
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SHEET:
J-01

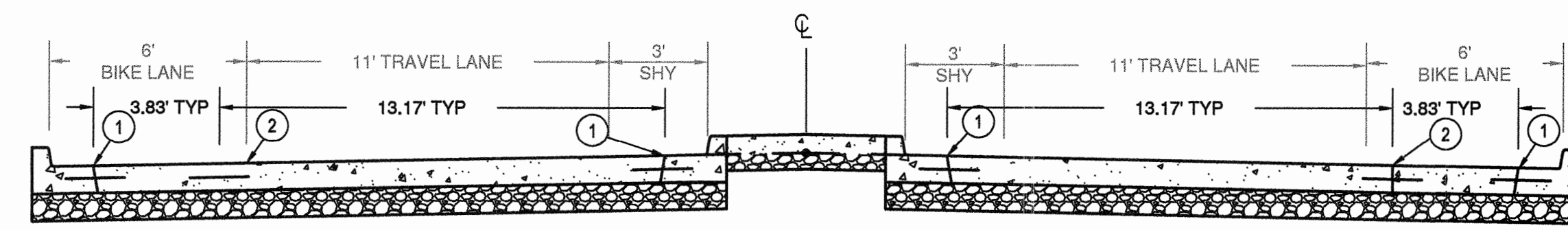
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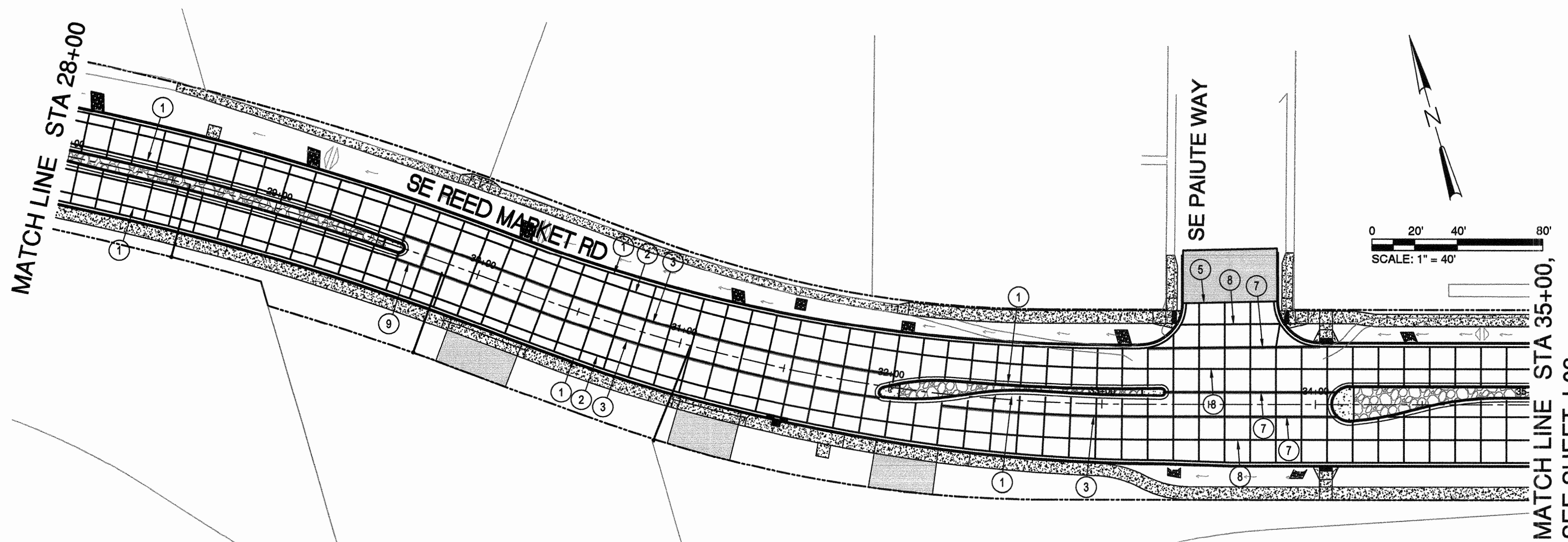
CONCRETE JOINTING PLAN
SCALE: 1"=40'



PCC PANEL AND JOINT SECTION DETAIL
WITHOUT RAISED MEDIAN
NOT TO SCALE



PCC PANEL AND JOINT SECTION DETAIL
WITH RAISED MEDIAN
NOT TO SCALE



CONCRETE JOINTING PLAN
SCALE: 1"=40'

JOINTING NOTES:

1. CONSTRUCT TIED CONTACT JOINT BETWEEN GUTTER AND BIKE LANE PER DETAIL SECTION F-F OF STD. DWG. DET 1600
2. CONSTRUCT SAWN AND TIED LONGITUDINAL JOINT PER SECTION FF OF STD. DWG. DET 16 AND DETAIL SHEET SD-05.
3. CONSTRUCT TIED LONGITUDINAL CONSTRUCTION JOINT PER STD. DWG. DET 1600
4. CONSTRUCT ISOLATION JOINT WITH PREFORMED EXPANSION JOINT FILLER PER DETAIL ON SHEET SD-05
5. CONSTRUCT ASPHALT CONCRETE TO PCC TRANSITION PER DETAIL ON SHEET SD-05
6. CONSTRUCT TRANSVERSE CONSTRUCTION JOINT PER DETAIL SECTION D-D OF STD. DWG. DET 1600. REMOVE EXISTING TRANSITION AND DRILL IN DOWELL BARS.
7. CONSTRUCT DOWELLED LONGITUDINAL CONSTRUCTION JOINT. DOWEL DETAILS PER SECTION D-D OF STD. DWG. FOR USE AT ROADWAY INTERSECTIONS.
8. CONSTRUCT DOWELLED LONGITUDINAL SAWN JOINT. DOWEL DETAILS PER SECTION D-D, JOINT DETAILS PER SECTION F-F OF STD. DWG. DET 1600. FOR USE AT ROADWAY INTERSECTIONS.
9. CONSTRUCT TIED LONGITUDINAL CONSTRUCTION JOINT PER STD. DWG. DET 1600, WITH BITUMINOUS BOND BREAKER (COATING OR BUILDING PAPER) APPLIED TO THE TRAVEL LANE JOINT FACE WHERE TRANSVERSE JOINTS ON EITHER SIDE OF THE CONSTRUCTION JOINT DO NOT LINE UP.
10. CONSTRUCTION JOINTS CROSSING TRAVEL LANES SHALL BE THICKENED EDGE ISOLATION JOINTS PER DETAIL 6 SHEET SD-08.
11. CONSTRUCT TIED CONTACT JOINT BETWEEN CURB OR GUTTER AND TRAVEL LANE PER DETAIL SECTION F-F OF STD. DWG. DET 1600.

GENERAL NOTES:

1. TRANSVERSE JOINT SPACING WITHIN TRAVEL LANES AND BIKE LANES SHALL BE 12-FOOT MAXIMUM.
2. TRANSVERSE JOINTS SHALL BE DOWELLED PER ODOT RD600, EXCEPT DOWELS ARE NOT REQUIRED (SAWN ONLY) IN THE BIKE LANES AND THE SMALL PANELS ADJACENT TO THE MEDIANS.
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William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR CONCRETE JOINTING PLAN
CITY OF BEND, OREGON



REVISIONS:	DATE	BY
1. LLD 12.18.15		
2.		
3.		

CENTURY WEST
ENGINEERING CORPORATION
BEND OFFICE: 541.322.8963
1020 SW EMKAY DRIVE #100 BEND, OR 97702
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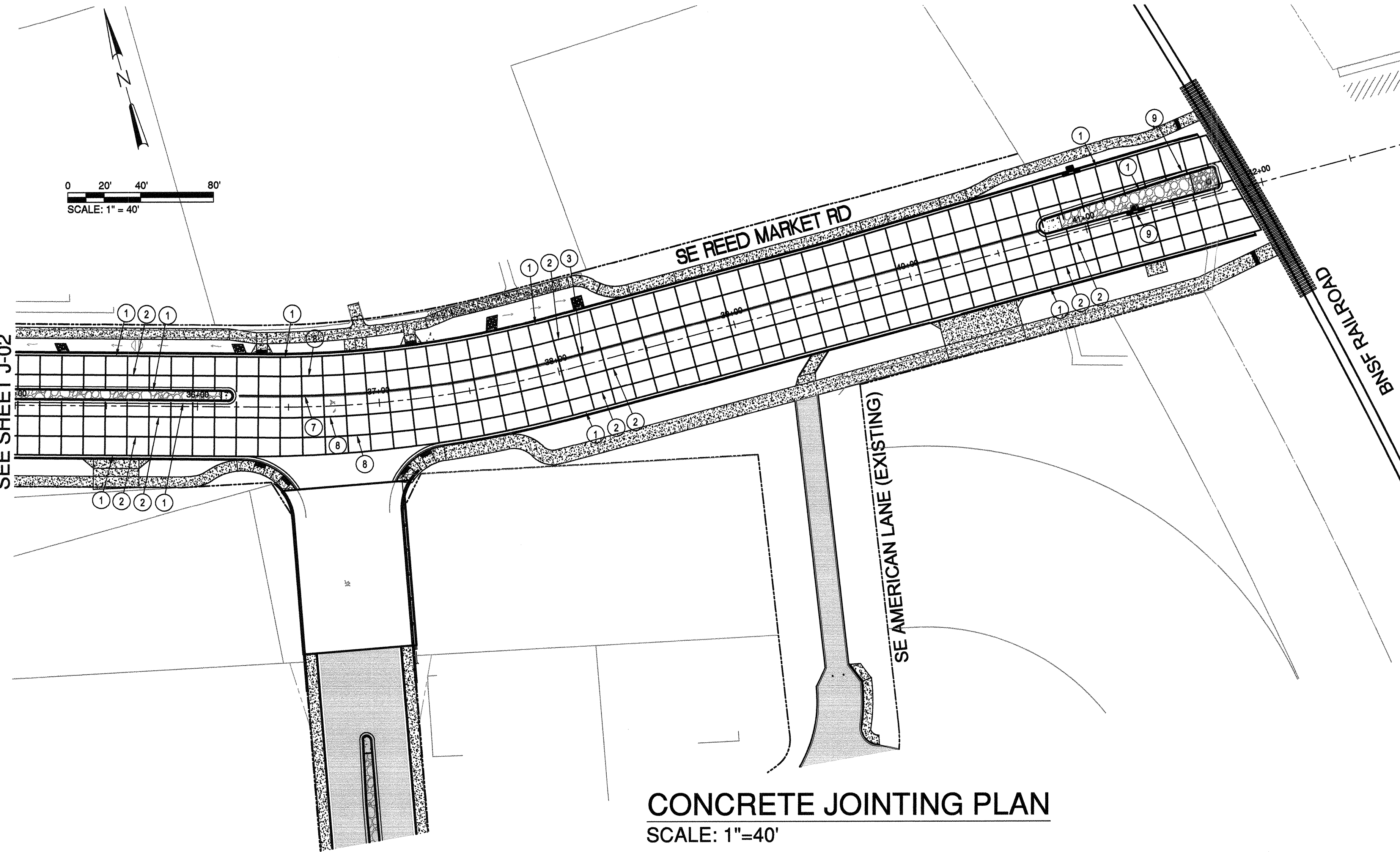
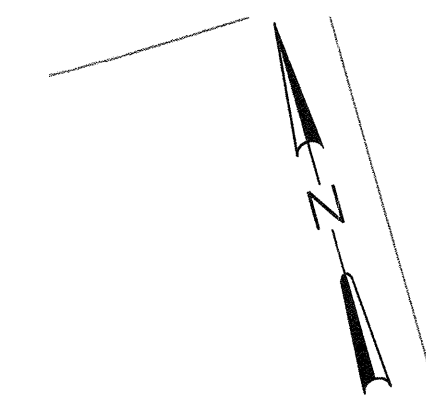
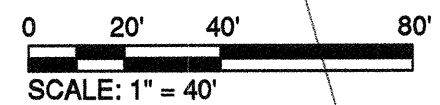
DESIGNED BY: JML
DRAWN BY: JUB
SCALE: AS NOTED
FILE: J-01 J-03
DATE: 04/21/2014

VERIFY SCALES
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SHEET:

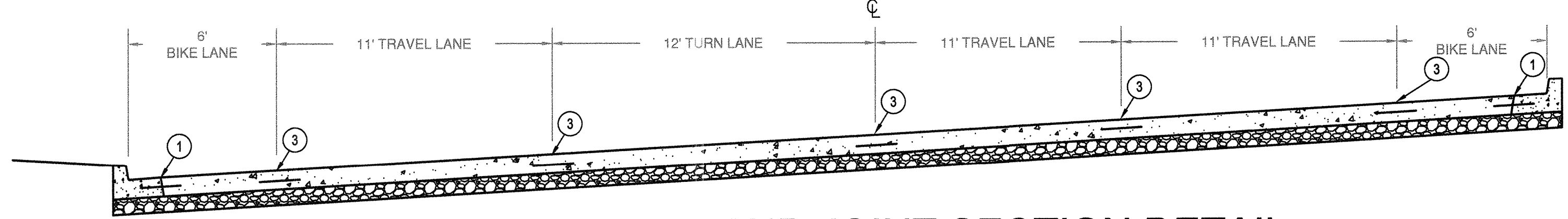
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COB # ST12CJ

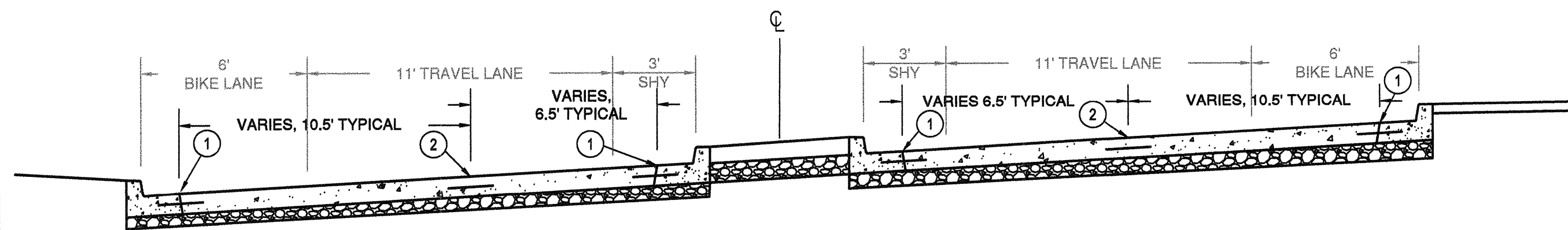
MATCH LINE STA 35+00,
SEE SHEET J-02



CONCRETE JOINTING PLAN
SCALE: 1"=40'



PCC PANEL AND JOINT SECTION DETAIL
WITHOUT RAISED MEDIAN
NOT TO SCALE



PCC PANEL AND JOINT SECTION DETAIL
WITH RAISED MEDIAN
NOT TO SCALE

GENERAL NOTES:

1. TRANSVERSE JOINT SPACING WITHIN TRAVEL LANES AND BIKE LANES SHALL BE 12-FOOT MAXIMUM.
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JOINTING NOTES:

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- ② CONSTRUCT SAWN AND TIED LONGITUDINAL JOINT PER SECTION FF OF STD. DWG. DET 1600 AND DETAIL SHEET SD-05.
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William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR CONCRETE JOINTING PLAN
 CITY OF BEND, OREGON



REVISIONS:

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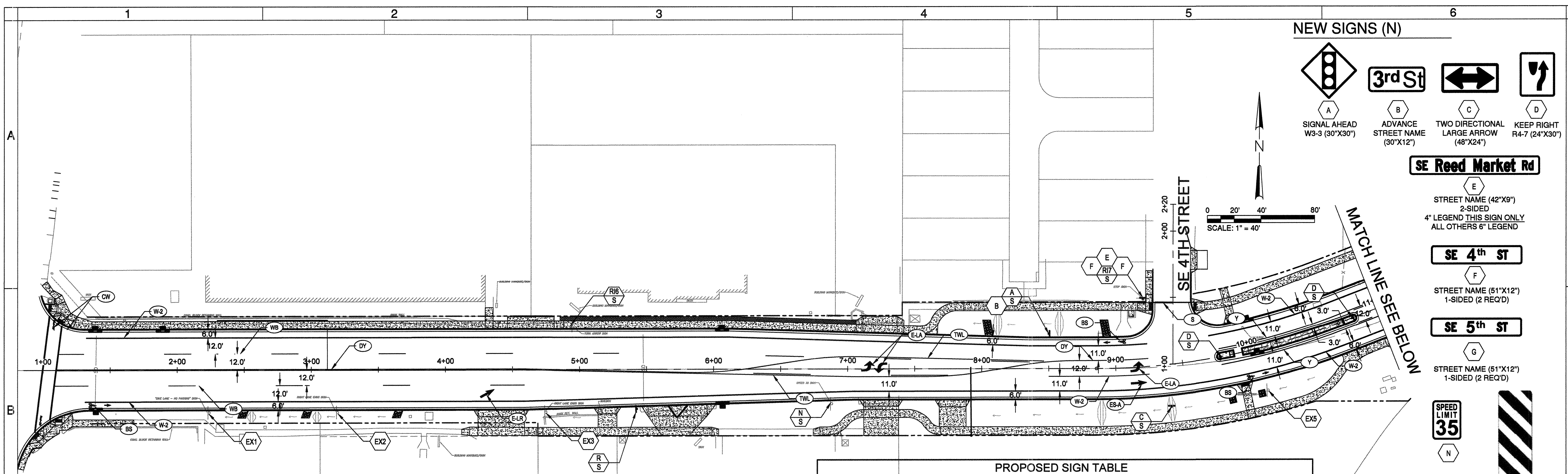
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VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
J-03

COB # ST12CJ



NEW SIGNS (N)

- A** SIGNAL AHEAD W3-3 (30"x30")
- B** ADVANCE STREET NAME (30"x12")
- C** TWO DIRECTIONAL LARGE ARROW (48"x24")
- D** KEEP RIGHT R4-7 (24"x30")
- E** STREET NAME (42"x9") 2-SIDED
- F** STREET NAME (51"x12") 1-SIDED (2 REQ'D)
- G** STREET NAME (51"x12") 1-SIDED (2 REQ'D)
- N** SPEED LIMIT 35
- R** TYPE 3 OBJECT MARKER OM3-R (36" x 12") 1-SIDED

- ### GENERAL NOTES
- STRIPING ON CONCRETE SHALL BE METHOD C, METHYL METHACRYLATE PROTECTED INLAID, EXTRUDED.
 - STRIPING ON ASPHALT SHALL BE LONGITUDINAL PAVEMENT MARKING PAINT. IF BUDGET ALLOWS USE MMA.
 - SEE CITY OF BEND STD. DWG R-8 FOR STANDARD STREET NAME SIGN DIMENSIONS.
 - SEE CITY OF BEND STD. DWG R-9 FOR SIGN PLACEMENT DETAILS.
 - THE LOCATIONS OF SIGN INSTALLATION SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
 - ALL SIGNS TO BE DESIGNED AND INSTALLED PER MUTCD, OREGON DEPARTMENT OF TRANSPORTATION, AND CITY OF BEND STANDARDS AND SPECIFICATIONS.

- ### STRIPING NOTES
- WB** 4" WHITE BROKEN LINE (SEE DRG. R-40)
 - W-2** 8" WHITE LINE (SEE DRG. R-40)
 - Y** 4" YELLOW LINE (SEE DRG. R-40)
 - S** STOP BAR - 1" WHITE BAR (SEE DRG. R-40)
 - DY** DOUBLE YELLOW NO-PASS TWO 4" YELLOW LINES (SEE DRG. R-41)
 - TWL** TWO-WAY LEFT TURN 4" YELLOW LINES (SEE DRG. R-41)
 - BS** BIKE LANE STANDARD STENCIL (WHITE) (SEE DRG. R-42)
 - E-SA** ELONGATED STRAIGHT ARROW (WHITE) (SEE DRG. R-43)
 - E-LA** ELONGATED LEFT TURN ARROW (WHITE) (SEE DRG. R-43)
 - E-LR** ELONGATED LANE REDUCTION ARROW (WHITE)

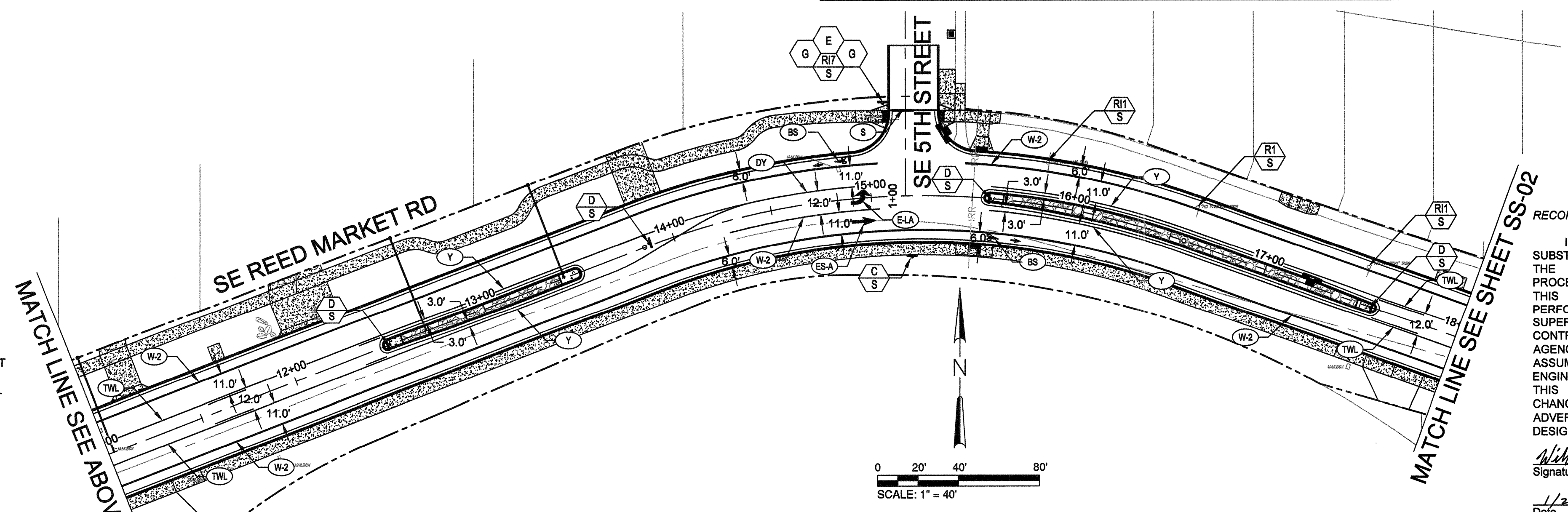
- ### SIGNING NOTES
- N** INSTALL NEW SIGN (N) ON NEW (M) SIGN SUPPORT
 - EXN** MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT
 - RM** REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT

SIGNING & STRIPING PLANS

SCALE: 1"=40'

- (N) EXISTING SIGNS ARE:
- NO PARKING
 - RIGHT LANE ENDS
 - RIGHT LANE ENDS SYMBOL
 - SPEED 35
 - "WELCOME TO OLD FARM NEIGHBORHOOD"
 - TWO LANE TURN ARROW
 - STOP
- (M) MATERIAL OPTIONS ARE:
- S = REMOVABLE PERFORATED STEEL SQUARE POST (PSST)

SIGN NO.	SIGN DESIGNATION	SIGN TYPE	SIZE		DESCRIPTION	APPROX. LOCATION	ORIENTATION
			X	Y			
R	OM3-R		12"	36"	TYPE 3 OBJECT MARKER	STA 5+43 RT.	EAST
N	R2-1	"W1"	24"	30"	SPEED LIMIT S35	STA 6+88 RT.	WEST
A	W3-3	"Y2"	30"	30"	SIGNAL AHEAD SYMBOL	STA 8+50 LT.	EAST
B	W16-8	"Y1"	30"	12"	ADVANCE STREET NAME	STA 8+50 LT. BELOW SIGN A	EAST
E	D3-1	"G"	42"	9"	SE REED MARKET RD.	STA 9+24 LT. ABOVE SIGN F AND 7	NORTH
F	D3-1	"G"	51"	12"	SE 4TH ST (2 REQ'D)	STA 9+24 LT. BELOW SIGN E	EAST/WEST
C	W1-7	"Y1"	48"	24"	TWO-DIRECTIONAL ARROW	STA 9+38 RT.	NORTH
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 9+79 €	WEST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 10+81 €	EAST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 12+49 €	WEST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 13+87 €	EAST
E	D3-1	"G"	42"	9"	SE REED MARKET RD.	STA 15+08 LT. ABOVE SIGN G AND 7	NORTH
G	D3-1	"G"	51"	12"	SE 5TH ST. (2 REQ'D)	STA 15+08 LT. BELOW SIGN E	EAST/WEST
C	W1-7	"Y1"	48"	24"	TWO-DIRECTIONAL ARROW	STA 15+20 RT.	NORTH
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 15+59 €	WEST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 17+55 €	EAST



EXISTING SIGNS (N)

- 1** NO PARKING ANY TIME
- 2** RIGHT LANE ENDS
- 3** RIGHT LANE ENDS SYMBOL
- 4** SPEED LIMIT 35
- 5** WELCOME TO OLD FARM NEIGHBORHOOD
- 6** TWO LANE TURN ARROW
- 7** STOP

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date

REGISTERED PROFESSIONAL ENGINEER
18401PE
WILLIAM H. BRACKETT
MAY 14, 1998
EXPIRES: 12/31/17

SIGNING & STRIPING PLANS

SCALE: 1"=40'

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR SIGNING & STRIPING PLANS, STA 1+00 TO 18+00
CITY OF BEND, OREGON



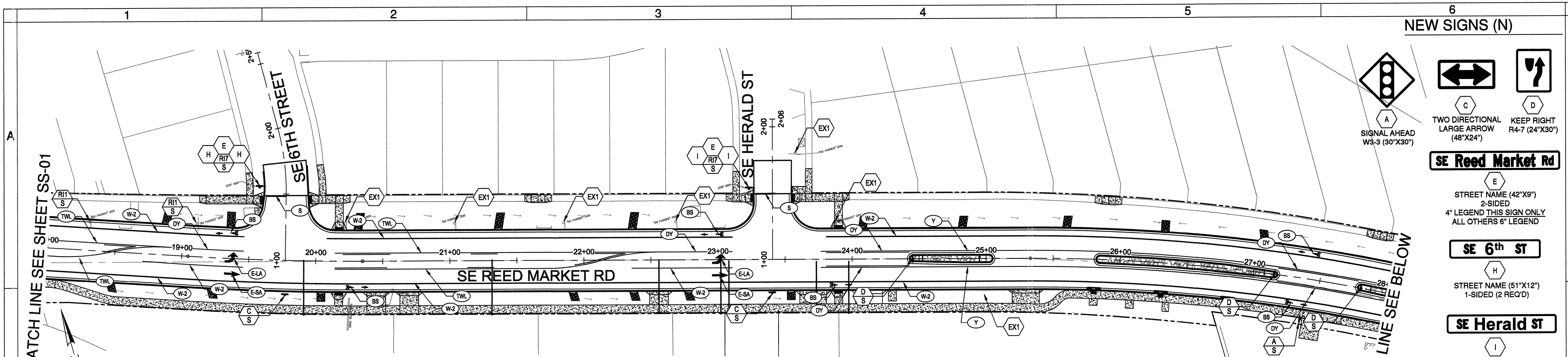
REVISIONS:

1	L.LDB 12.18.15
2	RECORD DRAWING
3	

CENTURY WEST ENGINEERING CORPORATION
BEND OFFICE 1541.322.8962
1020 SW EMKAY DRIVE #100 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JUB
SCALE: 1"=40'
FILE: SS-01_SS-04
DATE: 04/21/2014

VERIFY SCALES
0 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING
SHEET: SS-01
COB # ST12CJ



SIGNING & STRIPING PLANS

SCALE: 1"=40'

PROPOSED SIGN TABLE							
SIGN NO.	SIGN DESIGNATION	SIGN TYPE	SIZE	DESCRIPTION	APPROX. LOCATION	ORIENTATION	
E	D3-1	"G"	42" 9"	SE REED MARKET RD.	STA 19+56 LT. ABOVE SIGN H AND 7	NORTH	
H	D3-1	"G"	51" 12"	SE 6TH ST (2 REQ'D).	STA 19+56 LT BELOW SIGN E	EAST/WEST	
C	W1-7	"Y1"	48" 24"	TWO-DIRECTIONAL ARROW	STA 19+78 RT.	NORTH	
E	D3-1	"G"	42" 9"	SE REED MARKET RD.	STA 23+23 LT. ABOVE SIGN I AND 7	NORTH	
I	D3-1	"G"	51" 12"	SE HERALD ST (2 REQ'D).	STA 23+23 LT BELOW SIGN E	EAST/WEST	
C	W1-7	"Y1"	48" 24"	TWO-DIRECTIONAL ARROW	STA 23+40 RT.	NORTH	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 24+46 €	WEST	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 27+15 €	EAST	
A	W3-3	"Y2"	30" 30"	SIGNAL AHEAD SYMBOL	STA 27+40 RT.	EAST	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 27+82 €	WEST	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 29+60 €	EAST	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 31+99 €	WEST	
P	R6-1R	"W1"	36" 12"	ONE WAY	STA 32+14 €	SOUTH	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 33+26 €	EAST	
E	D3-1	"G"	42" 9"	SE REED MARKET RD.	STA 33+29 LT. ABOVE SIGN J AND 7	NORTH	
J	D3-1	"G"	51" 12"	SE PAUTE WAY (2 REQ'D).	STA 33+29 LT BELOW SIGN E	EAST/WEST	
C	W1-7	"Y1"	48" 24"	TWO-DIRECTIONAL ARROW	STA 33+81 RT.	NORTH	
D	R4-7	"W1"	24" 30"	KEEP RIGHT SYMBOL	STA 34+16 €	WEST	

GENERAL NOTES

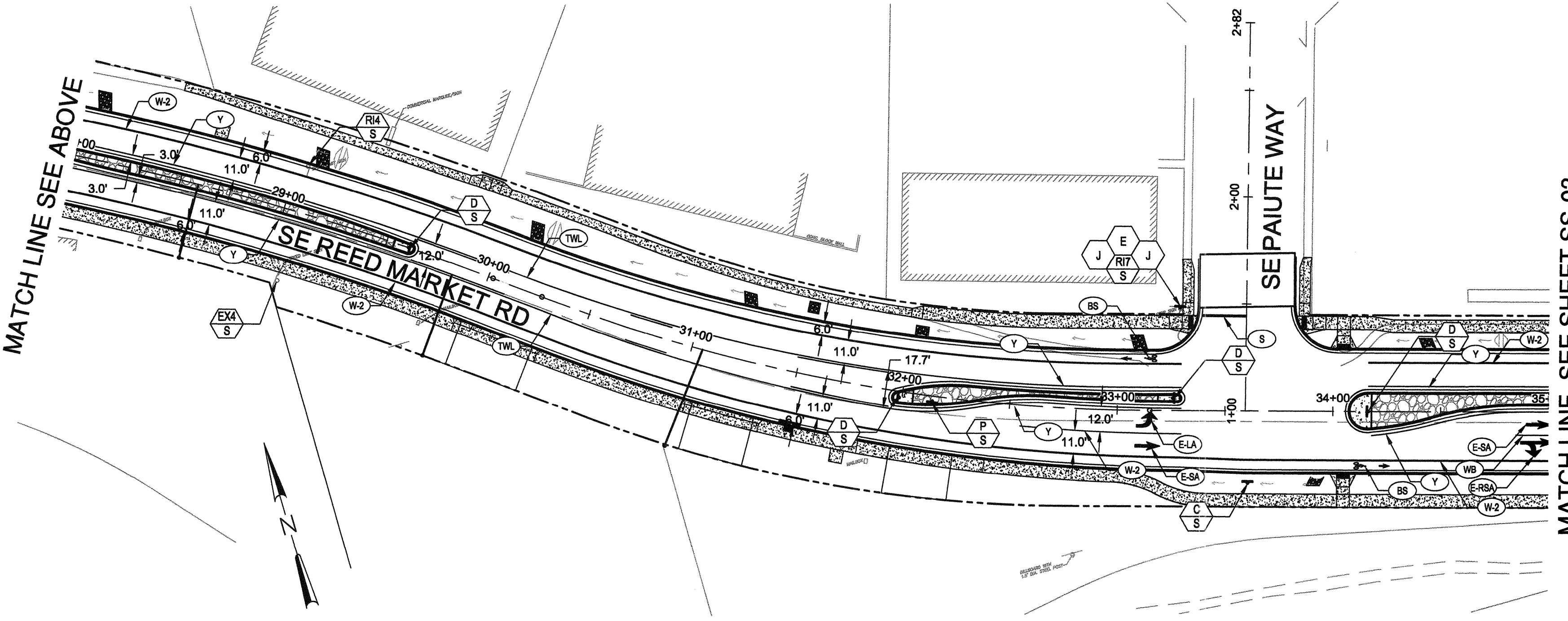
- STRIPING ON CONCRETE SHALL BE METHOD C, METHYL METHACRYLATE PROTECTED INLAID, EXTRUDED.
- STRIPING ON ASPHALT SHALL BE LONGITUDINAL PAVEMENT MARKING PAINT. IF BUDGET ALLOWS USE MMA.
- SEE CITY OF BEND STD. DWG R-8 FOR STANDARD STREET NAME SIGN DIMENSIONS.
- SEE CITY OF BEND STD. DWG R-9 FOR SIGN PLACEMENT DETAILS.
- THE LOCATIONS OF SIGN INSTALLATION SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- ALL SIGNS TO BE DESIGNED AND INSTALLED PER MUTCD, OREGON DEPARTMENT OF TRANSPORTATION, AND CITY OF BEND STANDARDS AND SPECIFICATIONS.

STRIPING NOTES

- W-2 4" WHITE BROKEN LINE (SEE DRG. R-40)
- Y 8" WHITE LINE (SEE DRG. R-40)
- S 4" YELLOW LINE (SEE DRG. R-40)
- S STOP BAR - 1" WHITE BAR (SEE DRG. R-40)
- DY DOUBLE YELLOW NO-PASS TWO 4" YELLOW LINES (SEE DRG. R-41)
- TWL TWO-WAY LEFT TURN 4" YELLOW LINES (SEE DRG. R-41)
- BS BIKE LANE STANDARD STENCIL (WHITE) (SEE DRG. R-42)
- E-SA ELONGATED STRAIGHT ARROW (WHITE) (SEE DRG. R-43)
- E-LA ELONGATED LEFT TURN ARROW (WHITE) (SEE DRG. R-43)
- E-LR ELONGATED LANE REDUCTION ARROW (WHITE)
- E-RSA ELONGATED RIGHT TURN STRAIGHT (WHITE) (SEE DRG. R-43)

SIGNING NOTES

- N M INSTALL NEW SIGN (N) ON NEW (M) SIGN SUPPORT
- EXN MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT
- RIN M REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT



SIGNING & STRIPING PLANS

SCALE: 1"=40'

NEW SIGNS (N)

SE Reed Market Rd
STREET NAME (42"X30")
2-SIDED
4" LEGEND THIS SIGN ONLY
ALL OTHERS 6" LEGEND

SE 6th St
STREET NAME (51"X12")
1-SIDED (2 REQ'D)

SE Herald St
STREET NAME (51"X12")
1-SIDED (2 REQ'D)

SE Paute St
STREET NAME (51"X12")
1-SIDED (2 REQ'D)

ONE WAY
R6-1R (36"X12")

SPEED LIMIT 35
R2-1 (24"X30")

(N) EXISTING SIGNS ARE:
1 = BIKE LANE NO PARKING
2 = RIGHT LANE ENDS
3 = RIGHT LANE ENDS SYMBOL
4 = SPEED 35
5 = "WELCOME TO OLD FARM NEIGHBORHOOD"
6 = TWO LANE TURN ARROW
7 = STOP

(M) MATERIAL OPTIONS ARE:
S = REMOVABLE PERFORATED STEEL SQUARE POST (PSST)

EXISTING SIGNS (N)

NO PARKING ANY TIME
1

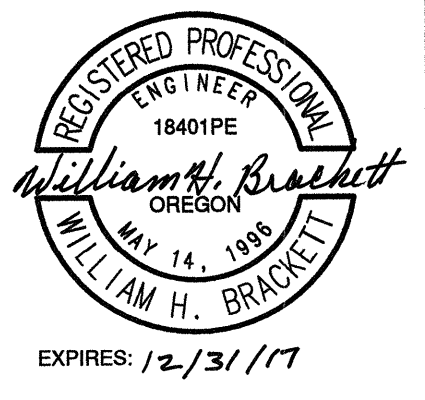
SPEED LIMIT 35
4

STOP
7

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
RMR SIGNING & STRIPING PLANS, STA 18+00 TO 35+00
CITY OF BEND, OREGON



REVISIONS:
1. LDB 12.18.15
RECORD DRAWING

DESIGNED BY: JML
DRAWN BY: JUB
SCALE: 1"=40'
FILE: SS-01 SS-04
DATE: 04/21/2014

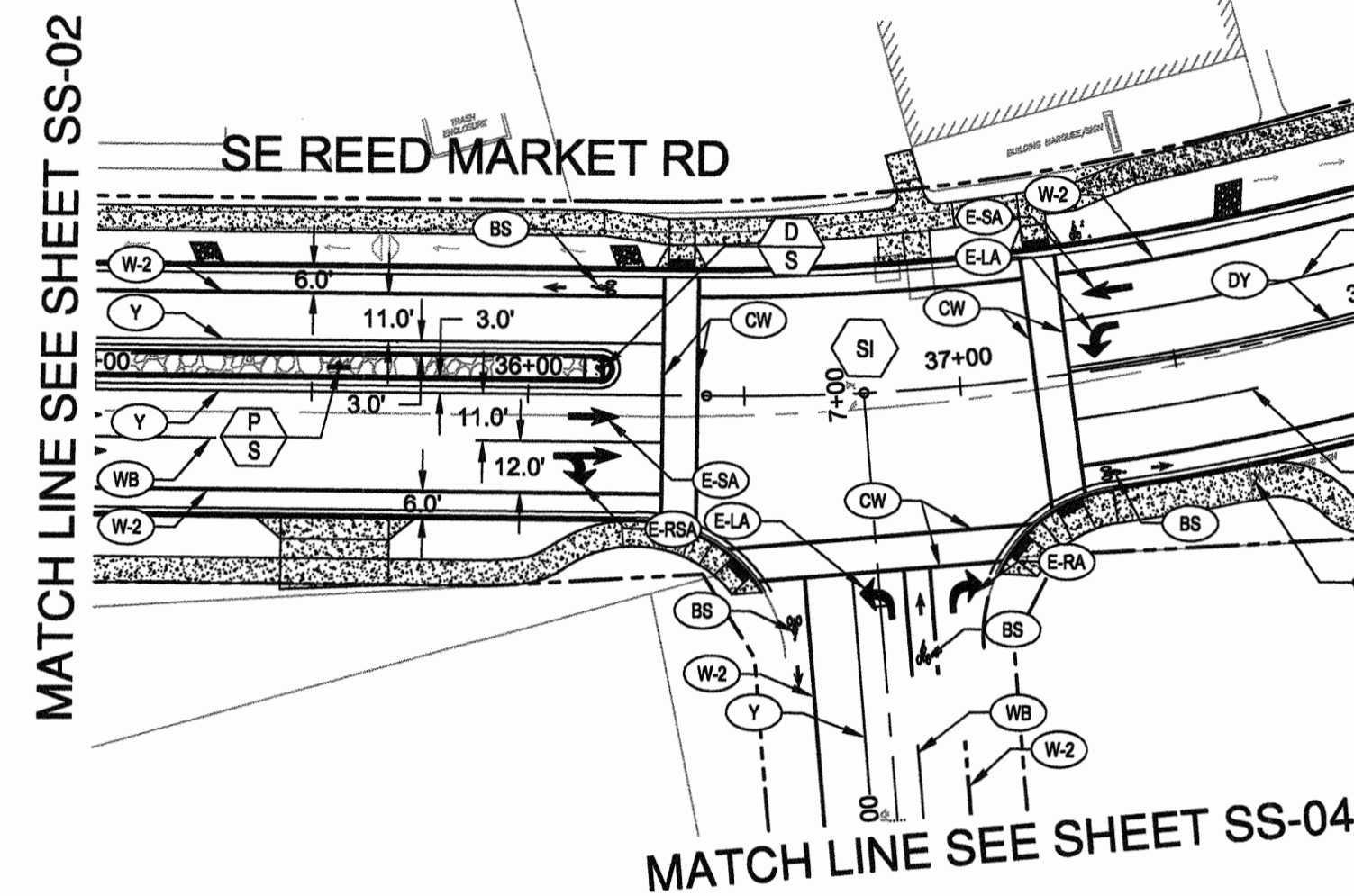
REGISTERED PROFESSIONAL ENGINEER
18401PE
WILLIAM H. BRACKETT
OREGON
MAY 14, 1998
EXPIRES: 12/31/17

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

SHEET: **SS-02**

COB# ST12CJ

MATCH LINE SEE SHEET SS-02



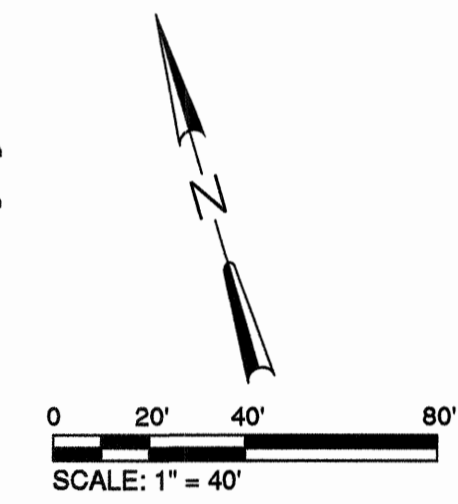
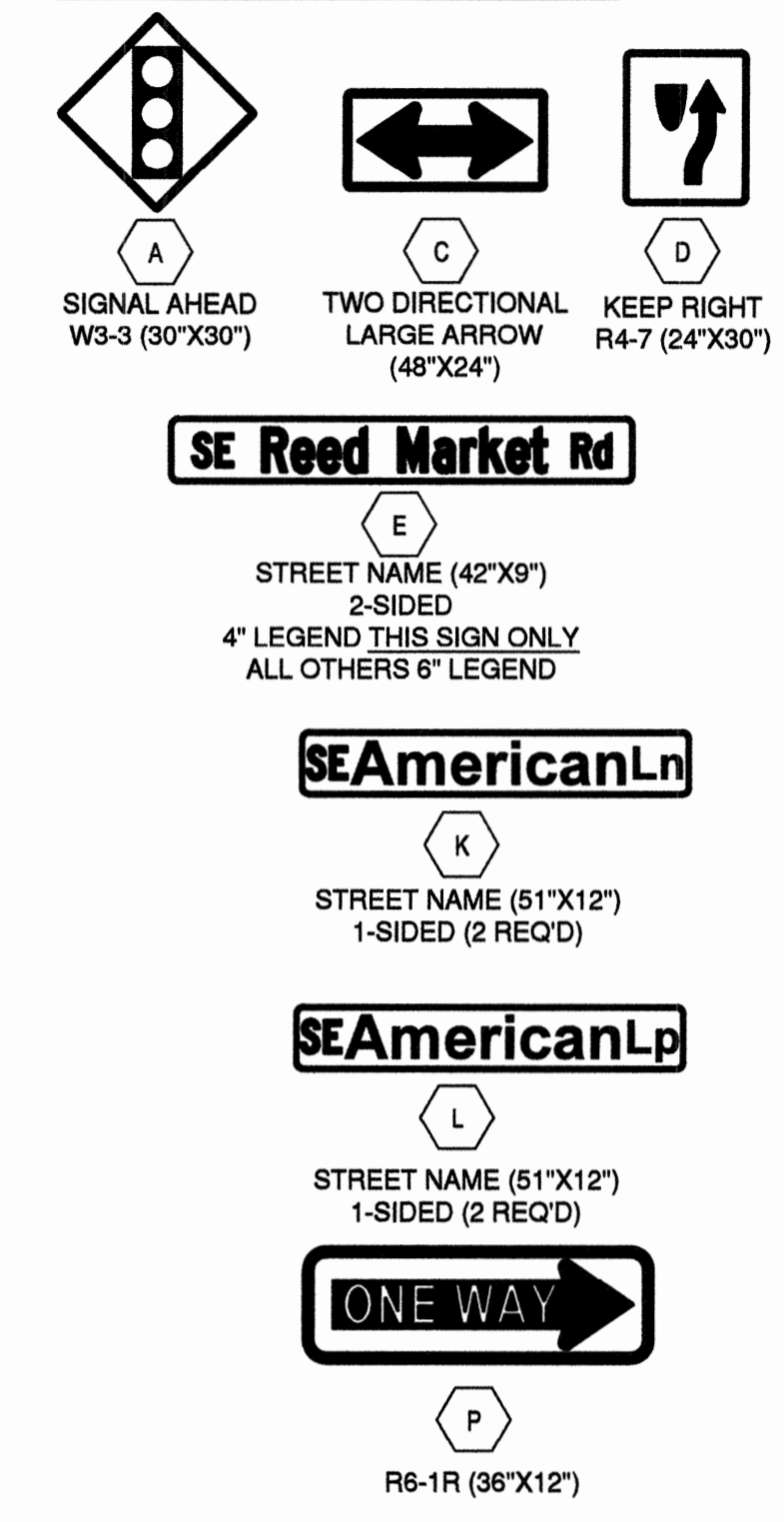
MATCH LINE SEE SHEET SS-04

Alignment=Reed Market CL Proposed
 Station=39+19.96
 A Offset=-37.495
 Northing=370090.6478
 Easting=389822.6558

SIGNING & STRIPING PLANS

SCALE: 1"=40'

NEW SIGNS (N)



GENERAL NOTES

- STRIPING ON CONCRETE SHALL BE METHOD C, METHYL METHACRYLATE PROTECTED INLAID, EXTRUDED.
- STRIPING ON ASPHALT SHALL BE LONGITUDINAL PAVEMENT MARKING PAINT. IF BUDGET ALLOWS USE MMA.
- SEE CITY OF BEND STD. DWG R-8 FOR STANDARD STREET NAME SIGN DIMENSIONS.
- SEE CITY OF BEND STD. DWG R-9 FOR SIGN PLACEMENT DETAILS.
- THE LOCATIONS OF SIGN INSTALLATION SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- ALL SIGNS TO BE DESIGNED AND INSTALLED PER MUTCD, OREGON DEPARTMENT OF TRANSPORTATION, AND CITY OF BEND STANDARDS AND SPECIFICATIONS.

STRIPING NOTES

- WB** 4" WHITE BROKEN LINE (SEE DRG. R-40)
- W-2** 8" WHITE LINE (SEE DRG. R-40)
- Y** 4" YELLOW LINE (SEE DRG. R-40)
- S** STOP BAR - 1' WHITE BAR (SEE DRG. R-40)
- DY** DOUBLE YELLOW NO-PASS TWO 4" YELLOW LINES (SEE DRG. R-41)
- BS** BIKE LANE STANDARD STENCIL (WHITE) (SEE DRG. R-42)
- E-SA** ELONGATED STRAIGHT ARROW (WHITE) (SEE DRG. R-43)
- E-LA** ELONGATED LEFT TURN ARROW (WHITE) (SEE DRG. R-43)
- E-RA** ELONGATED RIGHT TURN ARROW (WHITE) (SEE DRG. R-43)
- E-RSA** ELONGATED RIGHT TURN STRAIGHT ARROW (WHITE) (SEE DRG. R-43)

SIGNING NOTES

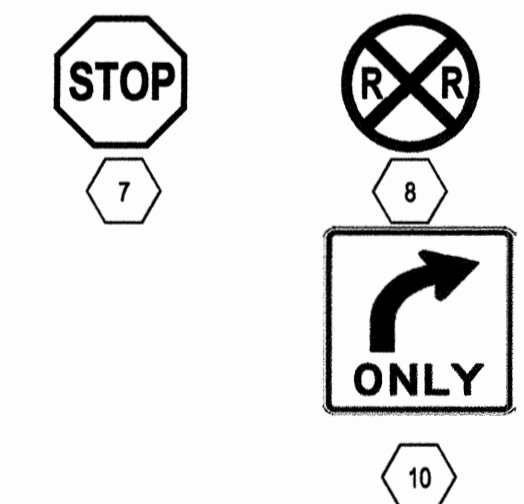
- N** INSTALL NEW SIGN (N) ON NEW (M) SIGN SUPPORT
- EXN** MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT
- RIN** REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT
- SI** SIGNALLED INTERSECTION BY OTHERS SEE SHEETS TS01-TS12
- RXN** REMOVE EXISTING

PROPOSED SIGN TABLE							
SIGN NO.	SIGN DESIGNATION	SIGN TYPE	SIZE		DESCRIPTION	APPROX. LOCATION	ORIENTATION
			X	Y			
P	R6-1R	"W1"	36"	12"	ONE WAY	STA 35+56 €	SOUTH
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 39+20 RT.	EAST
A	W3-3	"Y2"	30"	30"	SIGNAL AHEAD SYMBOL	STA 40+77 €	WEST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 40+77 €	WEST
D	R4-7	"W1"	24"	30"	KEEP RIGHT SYMBOL	STA 41+71 €	EAST

- (N) EXISTING SIGNS ARE:
- NO PARKING
 - RIGHT LANE ENDS
 - RIGHT LANE ENDS SYMBOL
 - SPEED 35
 - "WELCOME TO OLD FARM NEIGHBORHOOD"
 - TWO LANE TURN ARROW
 - STOP
 - RR XING SIGN
 - OBJECT MARKERS
 - RIGHT TURN ONLY

- (M) MATERIAL OPTIONS ARE:
- S = PERFORMED STEEL SQUARE POST (PSST)
 - P = STEEL POLE

EXISTING SIGNS (N)



RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
 REED MARKET ROAD
 3RD STREET TO NEWBERRY DRIVE
 RMR SIGNING & STRIPING PLANS, STA 35+00 TO 42+25±
 CITY OF BEND, OREGON



REVISIONS:

1	LDL 12.18.15	RECORD DRAWING
2		
3		

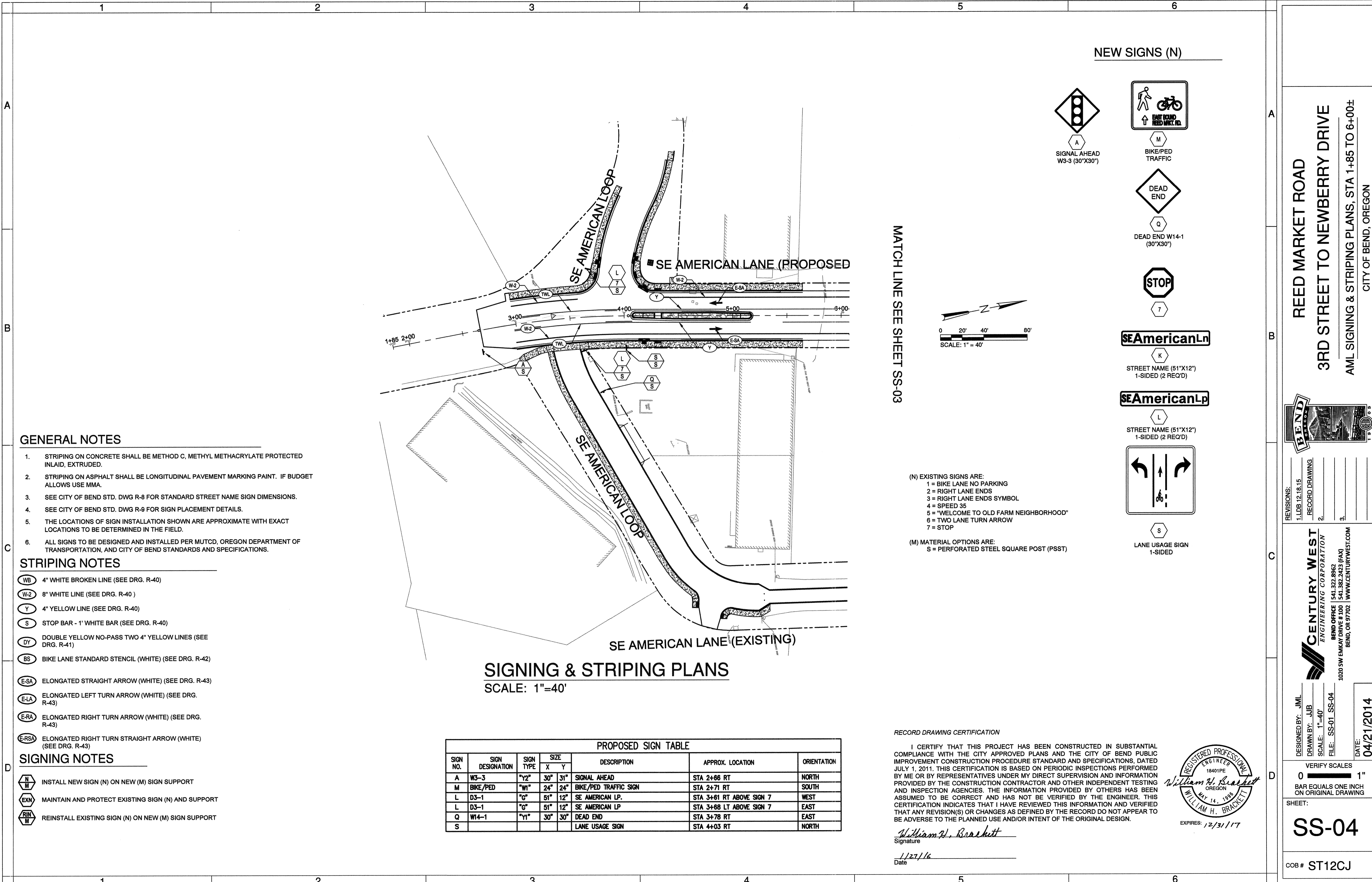
DESIGNED BY: JML
 DRAWN BY: JLB
 SCALE: 1"=40'
 FILE: SS-01_SS-04
 DATE: 04/21/2014

CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 1541 322 8863
 1020 SW EMMAWAY DRIVE #102 BEND, OR 97702 WWW.CENTURYWEST.COM

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

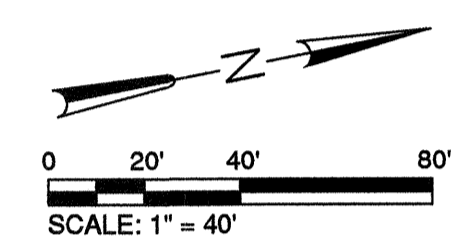
SHEET:
SS-03

COB # ST12CJ



NEW SIGNS (N)

- SIGNAL AHEAD W3-3 (30"x30")
- BIKE/PED TRAFFIC
- DEAD END
- DEAD END W14-1 (30"x30")
- STOP
- SE American Ln STREET NAME (51"x12") 1-SIDED (2 REQ'D)
- SE American Ln STREET NAME (51"x12") 1-SIDED (2 REQ'D)
- LANE USAGE SIGN 1-SIDED



MATCH LINE SEE SHEET SS-03

- (N) EXISTING SIGNS ARE:
 1 = BIKE LANE NO PARKING
 2 = RIGHT LANE ENDS
 3 = RIGHT LANE ENDS SYMBOL
 4 = SPEED 35
 5 = "WELCOME TO OLD FARM NEIGHBORHOOD"
 6 = TWO LANE TURN ARROW
 7 = STOP
- (M) MATERIAL OPTIONS ARE:
 S = PERFORATED STEEL SQUARE POST (PSST)

GENERAL NOTES

1. STRIPING ON CONCRETE SHALL BE METHOD C, METHYL METHACRYLATE PROTECTED INLAID, EXTRUDED.
2. STRIPING ON ASPHALT SHALL BE LONGITUDINAL PAVEMENT MARKING PAINT. IF BUDGET ALLOWS USE MMA.
3. SEE CITY OF BEND STD. DWG R-8 FOR STANDARD STREET NAME SIGN DIMENSIONS.
4. SEE CITY OF BEND STD. DWG R-9 FOR SIGN PLACEMENT DETAILS.
5. THE LOCATIONS OF SIGN INSTALLATION SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
6. ALL SIGNS TO BE DESIGNED AND INSTALLED PER MUTCD, OREGON DEPARTMENT OF TRANSPORTATION, AND CITY OF BEND STANDARDS AND SPECIFICATIONS.

STRIPING NOTES

- 4" WHITE BROKEN LINE (SEE DRG. R-40)
- 8" WHITE LINE (SEE DRG. R-40)
- 4" YELLOW LINE (SEE DRG. R-40)
- STOP BAR - 1' WHITE BAR (SEE DRG. R-40)
- DOUBLE YELLOW NO-PASS TWO 4" YELLOW LINES (SEE DRG. R-41)
- BIKE LANE STANDARD STENCIL (WHITE) (SEE DRG. R-42)
- ELONGATED STRAIGHT ARROW (WHITE) (SEE DRG. R-43)
- ELONGATED LEFT TURN ARROW (WHITE) (SEE DRG. R-43)
- ELONGATED RIGHT TURN ARROW (WHITE) (SEE DRG. R-43)
- ELONGATED RIGHT TURN STRAIGHT ARROW (WHITE) (SEE DRG. R-43)

SIGNING NOTES

- INSTALL NEW SIGN (N) ON NEW (M) SIGN SUPPORT
- MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT
- REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT

SIGNING & STRIPING PLANS
SCALE: 1"=40'

SIGN NO.	SIGN DESIGNATION	SIGN TYPE	SIZE		DESCRIPTION	APPROX. LOCATION	ORIENTATION
			X	Y			
A	W3-3	"Y2"	30"	31"	SIGNAL AHEAD	STA 2+66 RT	NORTH
M	BIKE/PED	"W1"	24"	24"	BIKE/PED TRAFFIC SIGN	STA 2+71 RT	SOUTH
L	D3-1	"G"	51"	12"	SE AMERICAN LP.	STA 3+61 RT ABOVE SIGN 7	WEST
L	D3-1	"G"	51"	12"	SE AMERICAN LP	STA 3+68 LT ABOVE SIGN 7	EAST
Q	W14-1	"Y1"	30"	30"	DEAD END	STA 3+78 RT	EAST
S					LANE USAGE SIGN	STA 4+03 RT	NORTH

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BE VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
1/27/16
Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 AML SIGNING & STRIPING PLANS, STA 1+85 TO 6+00±
 CITY OF BEND, OREGON



REVISIONS:

1. L.LDB 12.18.15	RECORD DRAWING
2.	
3.	

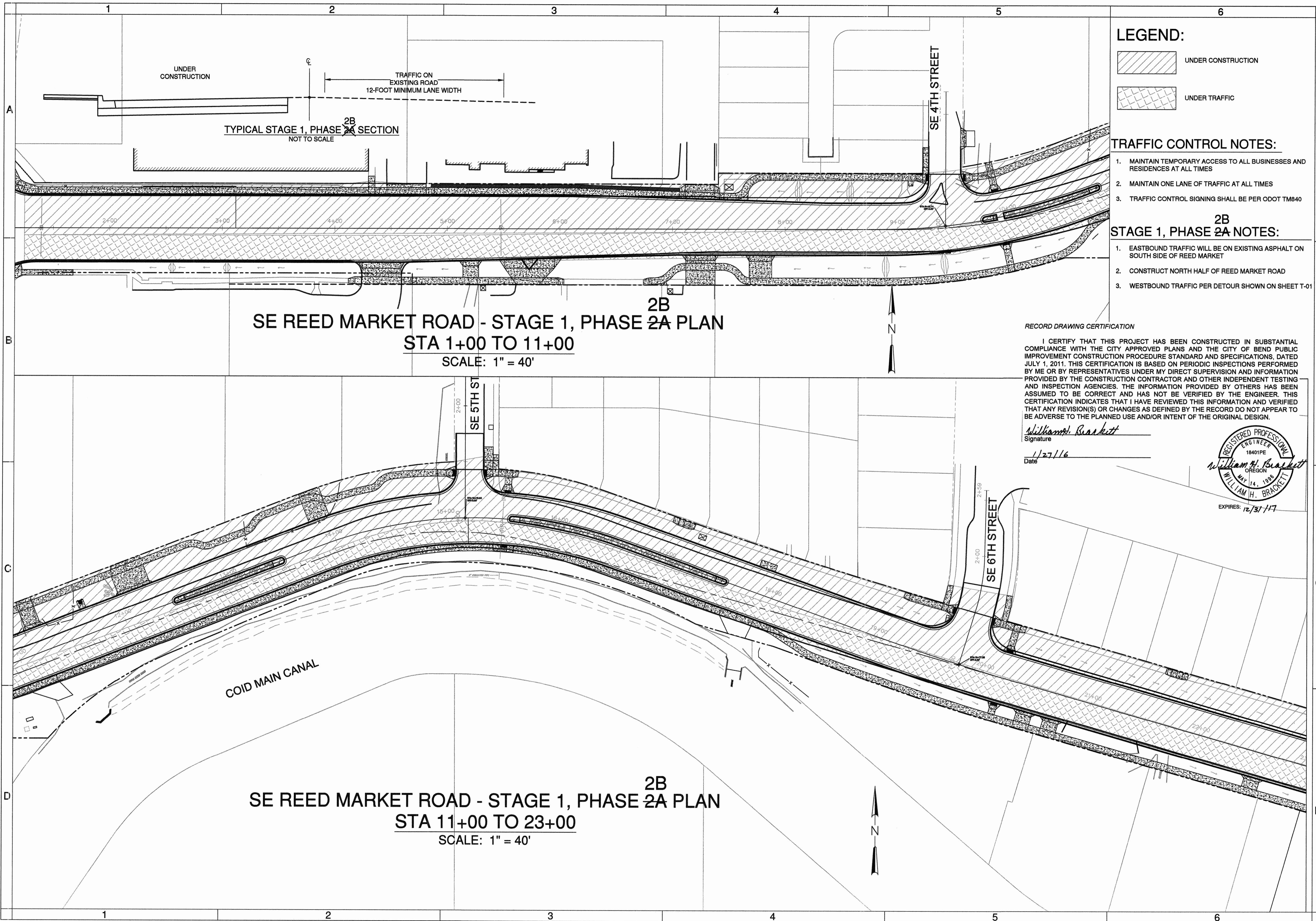
CENTURY WEST ENGINEERING CORPORATION
 BEND OFFICE | 541.333.8063
 1020 SW EMKAN DRIVE #100 | 541.333.2023 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JUB
 SCALE: 1"=40'
 FILE: SS-01 SS-04
 DATE: 04/21/2014

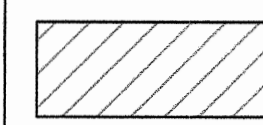
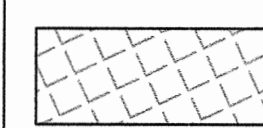
VERIFY SCALES
 0 1"
 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
SS-04

COB # ST12CJ



LEGEND:

-  UNDER CONSTRUCTION
-  UNDER TRAFFIC

TRAFFIC CONTROL NOTES:

1. MAINTAIN TEMPORARY ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES
2. MAINTAIN ONE LANE OF TRAFFIC AT ALL TIMES
3. TRAFFIC CONTROL SIGNING SHALL BE PER ODOT TM840

2B STAGE 1, PHASE 2A NOTES:

1. EASTBOUND TRAFFIC WILL BE ON EXISTING ASPHALT ON SOUTH SIDE OF REED MARKET
2. CONSTRUCT NORTH HALF OF REED MARKET ROAD
3. WESTBOUND TRAFFIC PER DETOUR SHOWN ON SHEET T-01

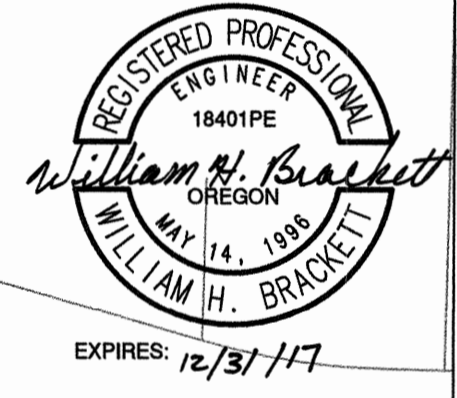
**SE REED MARKET ROAD - STAGE 1, PHASE 2A PLAN
STA 1+00 TO 11+00
SCALE: 1" = 40'**

**SE REED MARKET ROAD - STAGE 1, PHASE 2A PLAN
STA 11+00 TO 23+00
SCALE: 1" = 40'**

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
Signature
Date: 1/27/16



**REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
TRAFFIC CONTROL PLANS - STAGE 1, PHASE 2A PLAN
CITY OF BEND, OREGON**



REVISIONS:

1.	LDB 12.18.15	RECORD DRAWING
2.		
3.		

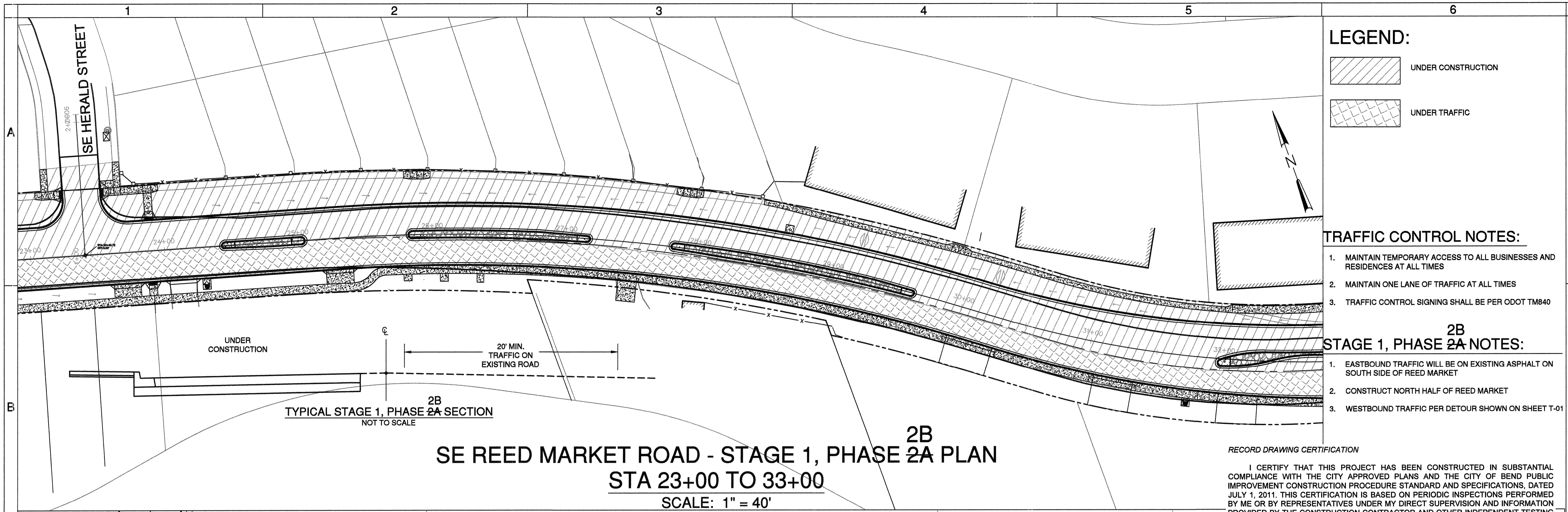
**CENTURY WEST
ENGINEERING CORPORATION**
BEND OFFICE | 541.322.8963
1020 SW EMKAY DRIVE # 100 | 541.322.2433 (FAX)
BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
DRAWN BY: JJB
SCALE: AS NOTED
FILE:
DATE: 04/21/2014

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

SHEET:
T-04

COB # ST12CJ



SE REED MARKET ROAD - STAGE 1, PHASE 2A PLAN
STA 23+00 TO 33+00
 SCALE: 1" = 40'

LEGEND:

UNDER CONSTRUCTION

UNDER TRAFFIC

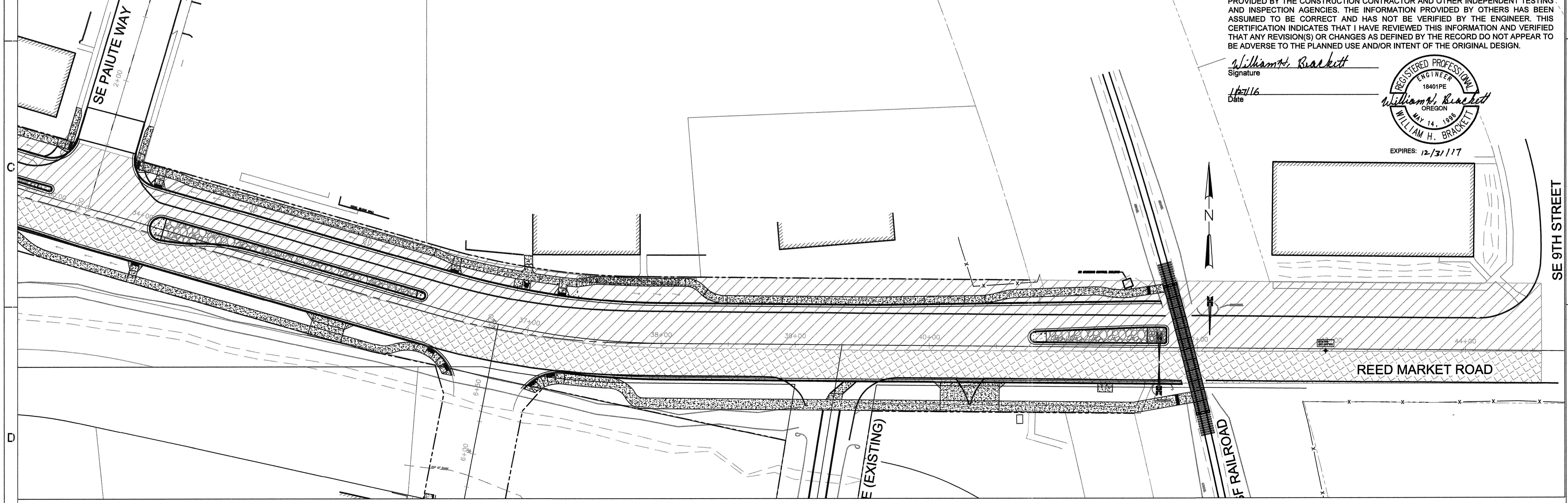
- TRAFFIC CONTROL NOTES:**
1. MAINTAIN TEMPORARY ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES
 2. MAINTAIN ONE LANE OF TRAFFIC AT ALL TIMES
 3. TRAFFIC CONTROL SIGNING SHALL BE PER ODOT TM840
- STAGE 1, PHASE 2A NOTES:**
1. EASTBOUND TRAFFIC WILL BE ON EXISTING ASPHALT ON SOUTH SIDE OF REED MARKET
 2. CONSTRUCT NORTH HALF OF REED MARKET
 3. WESTBOUND TRAFFIC PER DETOUR SHOWN ON SHEET T-01

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BE VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature

11/27/16
 Date



SE REED MARKET ROAD - STAGE 1, PHASE 2A PLAN
STA 33+00 TO 44+00
 SCALE: 1" = 40'

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 TRAFFIC CONTROL PLANS - STAGE 1, PHASE 2A PLAN
 CITY OF BEND, OREGON

REVISIONS:

1.	LDB 12.18.15	RECORD DRAWING
2.		
3.		

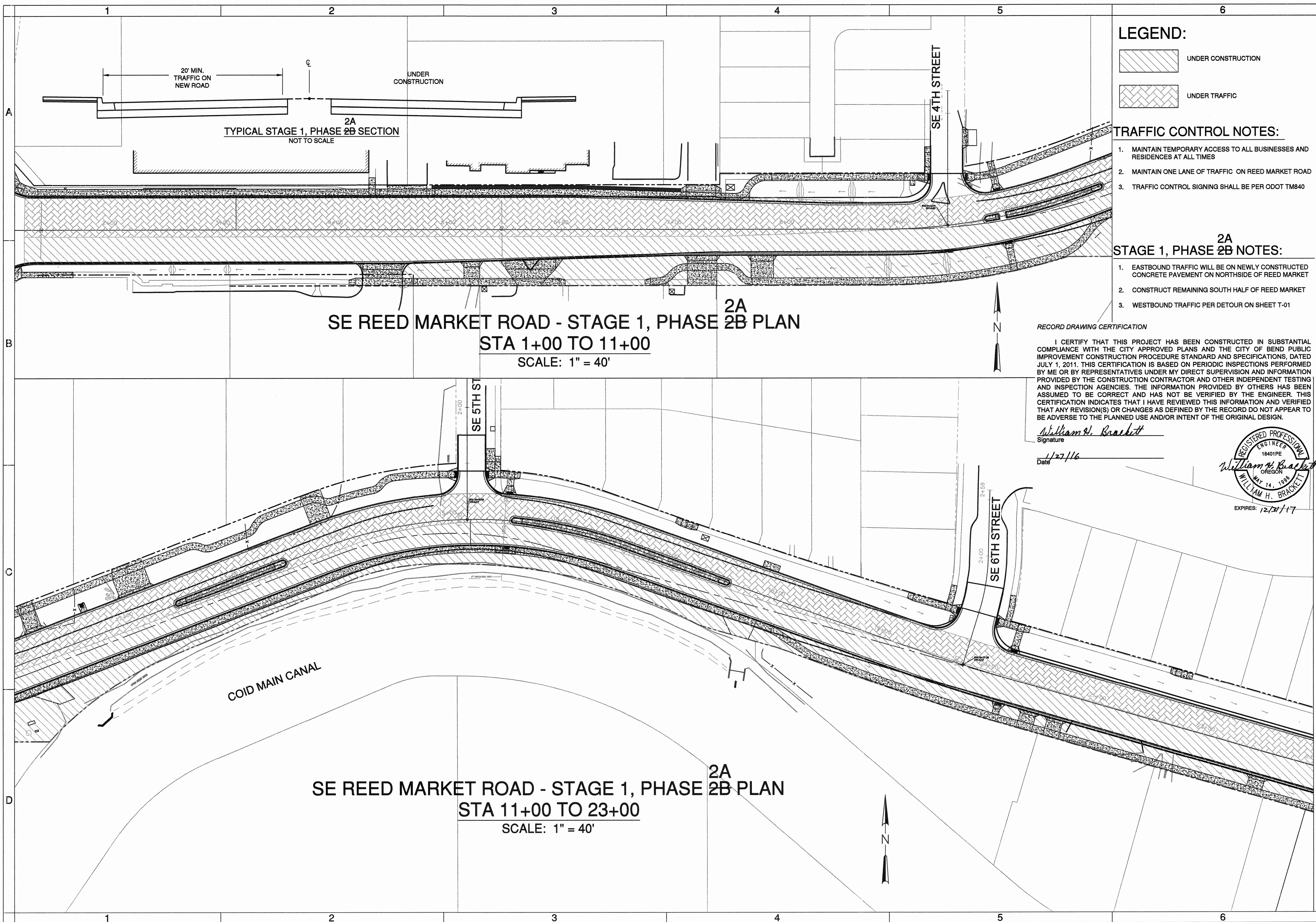
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE | 541.322.8962
 1020 SW EMKAY DRIVE #100 | 541.382.2423 (FAX)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE:
 DATE: 04/21/2014

VERIFY SCALES

 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
T-05
 COB # ST12CJ



LEGEND:

- UNDER CONSTRUCTION
- UNDER TRAFFIC

TRAFFIC CONTROL NOTES:

1. MAINTAIN TEMPORARY ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES
2. MAINTAIN ONE LANE OF TRAFFIC ON REED MARKET ROAD
3. TRAFFIC CONTROL SIGNING SHALL BE PER ODOT TM840

2A STAGE 1, PHASE 2B NOTES:

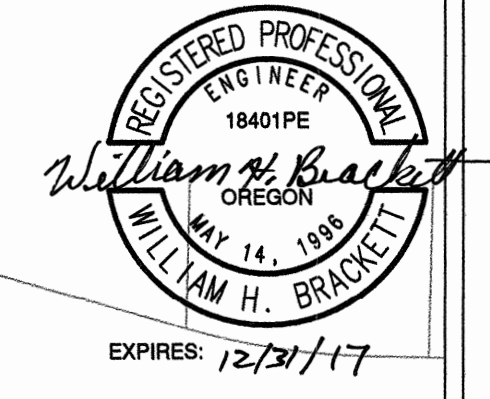
1. EASTBOUND TRAFFIC WILL BE ON NEWLY CONSTRUCTED CONCRETE PAVEMENT ON NORTHSIDE OF REED MARKET
2. CONSTRUCT REMAINING SOUTH HALF OF REED MARKET
3. WESTBOUND TRAFFIC PER DETOUR ON SHEET T-01

SE REED MARKET ROAD - STAGE 1, PHASE 2B PLAN
STA 1+00 TO 11+00
 SCALE: 1" = 40'

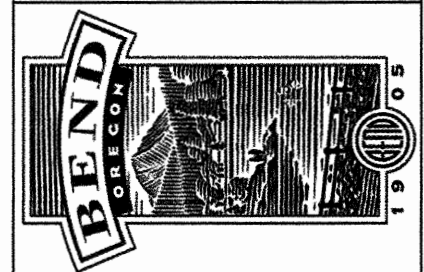
SE REED MARKET ROAD - STAGE 1, PHASE 2B PLAN
STA 11+00 TO 23+00
 SCALE: 1" = 40'

RECORD DRAWING CERTIFICATION
 I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 1/27/16
 Date



REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 TRAFFIC CONTROL PLANS - STAGE 1, PHASE 2B PLAN
 CITY OF BEND, OREGON



REVISIONS:	RECORD DRAWING
1. LDB.12.18.15	2.
	3.

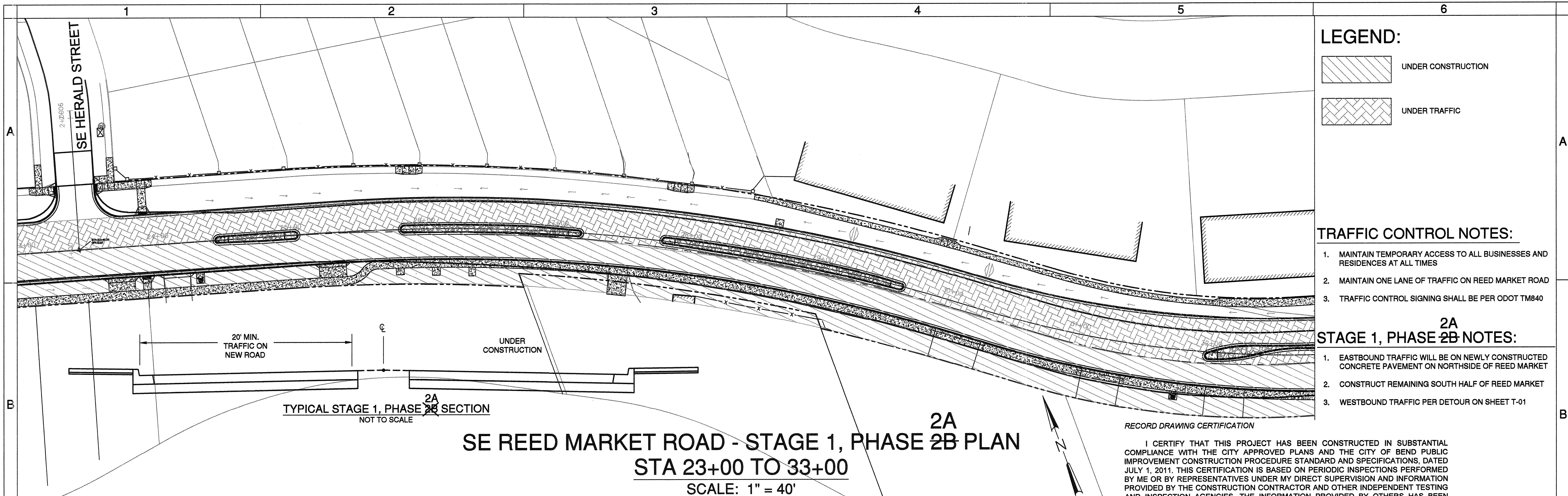
CENTURY WEST
 ENGINEERING CORPORATION
 BEND OFFICE 541.332.8962
 1020 SW EMKAY DRIVE # 100 541.332.2423 (FAX)
 BEND, OR 97702 WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE:
 DATE: 04/21/2014

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

SHEET:
T-06

COB # ST12CJ



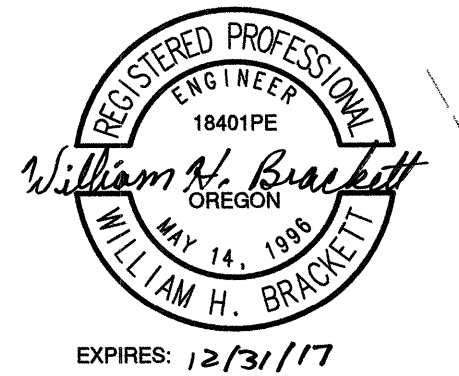
TYPICAL STAGE 1, PHASE 2A SECTION
NOT TO SCALE

SE REED MARKET ROAD - STAGE 1, PHASE 2B PLAN
STA 23+00 TO 33+00
 SCALE: 1" = 40'

RECORD DRAWING CERTIFICATION

I CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE CITY APPROVED PLANS AND THE CITY OF BEND PUBLIC IMPROVEMENT CONSTRUCTION PROCEDURE STANDARD AND SPECIFICATIONS, DATED JULY 1, 2011. THIS CERTIFICATION IS BASED ON PERIODIC INSPECTIONS PERFORMED BY ME OR BY REPRESENTATIVES UNDER MY DIRECT SUPERVISION AND INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND OTHER INDEPENDENT TESTING AND INSPECTION AGENCIES. THE INFORMATION PROVIDED BY OTHERS HAS BEEN ASSUMED TO BE CORRECT AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THIS CERTIFICATION INDICATES THAT I HAVE REVIEWED THIS INFORMATION AND VERIFIED THAT ANY REVISION(S) OR CHANGES AS DEFINED BY THE RECORD DO NOT APPEAR TO BE ADVERSE TO THE PLANNED USE AND/OR INTENT OF THE ORIGINAL DESIGN.

William H. Brackett
 Signature
 Date: 1/27/16



LEGEND:

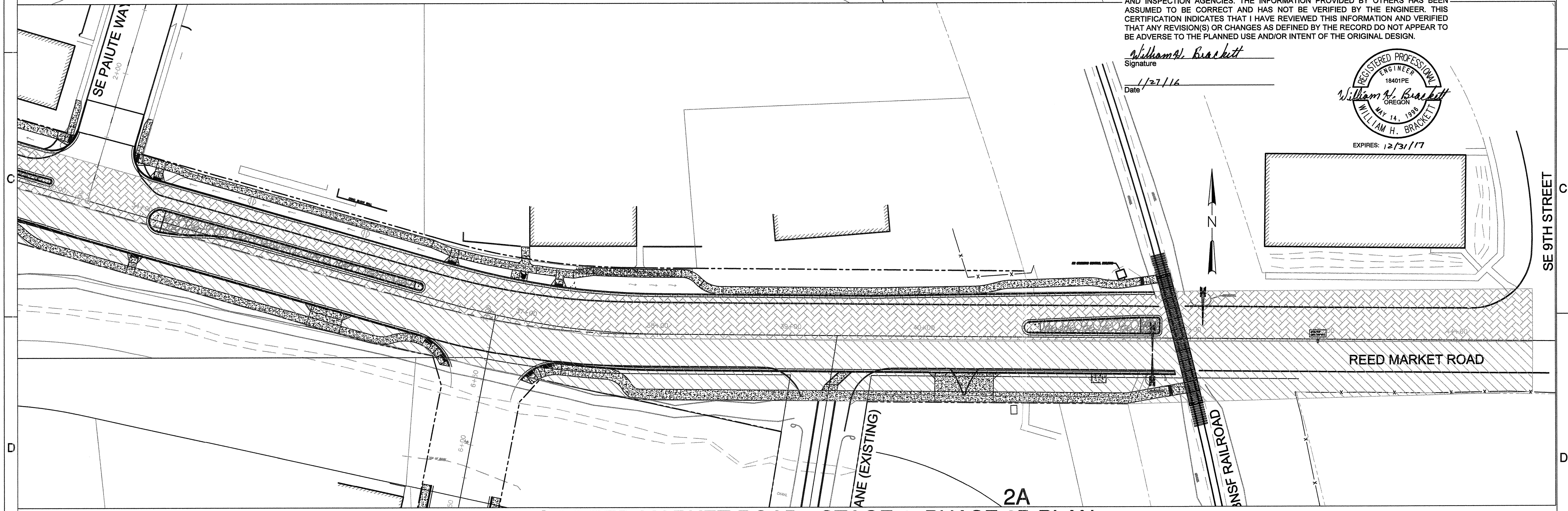
- UNDER CONSTRUCTION
- UNDER TRAFFIC

TRAFFIC CONTROL NOTES:

1. MAINTAIN TEMPORARY ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES
2. MAINTAIN ONE LANE OF TRAFFIC ON REED MARKET ROAD
3. TRAFFIC CONTROL SIGNING SHALL BE PER ODOT TM840

2A STAGE 1, PHASE 2B NOTES:

1. EASTBOUND TRAFFIC WILL BE ON NEWLY CONSTRUCTED CONCRETE PAVEMENT ON NORTHSIDE OF REED MARKET
2. CONSTRUCT REMAINING SOUTH HALF OF REED MARKET
3. WESTBOUND TRAFFIC PER DETOUR ON SHEET T-01



SE REED MARKET ROAD - STAGE 1, PHASE 2B PLAN
STA 33+00 TO 44+00
 SCALE: 1" = 40'

REED MARKET ROAD
3RD STREET TO NEWBERRY DRIVE
 TRAFFIC CONTROL PLANS - STAGE 1, PHASE 2B PLAN
 CITY OF BEND, OREGON



REVISIONS:

1.	LDB 12.18.15
2.	RECORD DRAWING
3.	

CENTURY WEST
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 BEND OFFICE | 541.323.8953
 1020 SW EMERY DRIVE #100 | 541.323.2423 (EXT)
 BEND, OR 97702 | WWW.CENTURYWEST.COM

DESIGNED BY: JML
 DRAWN BY: JJB
 SCALE: AS NOTED
 FILE:
 DATE: 04/21/2014

VERIFY SCALES

 BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
T-07

COB # ST12CJ