GENERAL NOTES

GENERAL

- 1. ERRORS AND OMISSIONS ARE THE RESPONSIBILITY OF THE "ENGINEER OF RECORD". IF ERRORS OR OMISSIONS ARE FOUND AFTER THE PERMIT HAS BEEN ISSUED, THE PERMITTEE OR ITS CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD (MARTHA WILLIAMSON OF HUMBER DESIGN GROUP, INC. AT 503-946-6690) TO HAVE THE CORRECTIONS MADE. ALL CHANGES WILL REQUIRE THE APPROVAL OF THE CITY ENGINEER PRIOR TO THE WORK
- 2. THE CONTRACTOR SHALL HAVE AT ALL TIMES ON-SITE THE APPROVED CONSTRUCTION DRAWINGS & SPECIAL SPECIFICATIONS, CITY OF PORTLAND STANDARD SPECIFICATIONS & STANDARD DRAWINGS, AND ALL OTHER APPLICABLE SPECIFICATIONS BOOKS AND MANUALS. ELECTRONIC EQUIVALENT ARE ACCEPTABLE.
- 3. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE DRAWINGS AND THE APPLICABLE REQUIREMENTS OF THE 2010 EDITION OF THE CITY OF PORTLAND STANDARD CONSTRUCTION SPECIFICATIONS AND ALL REVISIONS AND SPECIAL SPECIFICATIONS.
- 4. A PRECONSTRUCTION CONFERENCE WITH CITY STAFF AND AN APPROVED TEMPORARY TRAFFIC CONTROL PLAN (ISSUED IN CONJUNCTION WITH A STREET/SIDEWALK CLOSURE PERMIT) ARE REQUIRED BEFORE COMMENCING WORK. SEE PERMIT FOR SCHEDULING A PRECONSTRUCTION CONFERENCE AND ACQUISITION OF THE TTCP.
- 5. ELEVATIONS BASED ON CITY OF PORTLAND DATUM FROM BENCHMARK NO. 3538, ELEVATION: 43.92, BRASS DISK INSCRIBED SET IN TOP OF CONCRETE CONCRETE AT THE NORTHWEST CORNER OF THE INTERSECTION OF S.E. YAMHILL STREET AND S.E. 7TH AVENUE.
- 6. ATTENTION EXCAVATORS: 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 OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING [503.232.1987]. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CALL CENTER. YOU MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL [811 OR 1-800-332-2344].

7. STREET FURNISHINGS ARE SHOWN FOR REFERENCE ONLY. THE INSTALLATION OF ALL STREET FURNITURE INCLUDING BUT NOT LIMITED TO BENCHES, NON CITY INSTALLED BIKE RACKS, GARBAGE CANS, ELECTRICAL SYSTEMS (CONDUIT, CONDUCTORS, OUTLETS), AND PUBLIC ART, ARE NOT AUTHORIZED UNDER THIS PERMIT. A SEPARATE REVOCABLE PERMIT IS REQUIRED.

UNANTICIPATED CONTAMINATED MATERIAL

8. REMOVE AND DISPOSE (AT A PROPER LOCATION OR LANDFILL) ALL MATERIALS EXCAVATED FROM WORK IN THE RIGHT-OF-WAY. FOR DISPOSAL ON PRIVATE PROPERTY, SECURE A FILL PERMIT, PRIOR TO BEGINNING WORK FROM THE BUREAU OF DEVELOPMENT SERVICES (BDS). PROVIDE A COPY OF THE APPROVED FILL PERMIT TO THE STREET CONSTRUCTION INSPECTOR. FOR UNANTICIPATED CONTAMINATED MEDIA ENCOUNTERED, THE PERMITTEE/APPLICANT OR ITS AGENT SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE MANAGEMENT, AND DISPOSAL OF CONTAMINATED MEDIA ENCOUNTERED. THE PERMITTEE IS ALSO RESPONSIBLE FOR ALL RESULTANT DELAYS. THE PERMITTEE OR ITS AGENT SHALL PROVIDE THE CITY (ENGINEERING AND INSPECTION) WITH COPIES OF ALL DISPOSAL PERMITS FROM THE PERMITTED DISPOSAL FACILITY, ANALYTICAL RESULTS USED TO GAIN ACCEPTANCE OF THE CONTAMINATED MEDIA. AND DISPOSAL RECEIPTS/DAILY WEIGH SLIPS. DAILY WEIGH SLIP AMOUNTS SHALL BE CHECKED AGAINST INSPECTOR'S DAILY REPORTS. THE PERMITTEE MUST USE AN OREGON FACILITY FOR DISPOSAL OF THE CONTAMINATED MEDIA.

- 9. UTILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION AND COORDINATION PURPOSES ONLY AND ARE NOT AUTHORIZED FOR INSTALLATION UNDER THE PUBLIC STREET IMPROVEMENT PERMIT. PRIVATE AND PUBLIC UTILITY COMPANIES ARE REQUIRED TO SECURE SEPARATE UTILITY PERMITS FROM PBOT FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- 10. COORDINATION OF ALL UTILITY RELOCATES, REMOVALS, OR INSTALLATION WITHIN THE LIMITS OF WORK IS THE RESPONSIBILITY OF THE PERMITTEE/CONSTRACTOR.
- 11. STORM AND SANITARY SEWERS ARE BEING CONSTRUCTED PER SEPARATE BUREAU OF ENVIRONMENTAL SERVICES PERMIT.
- 12. WATER MAINS AND SERVICES ARE BEING CONSTRUCTED PER SEPARATE WATER BUREAU PERMIT.

13. ALL MANHOLE LIDS AND VALVE BOXES SHALL BE ADJUSTED TO FINISHED STREET GRADE.

- 14. THE STREET INSPECTOR WILL MAKE THE FINAL DETERMINATION OF THE LIMITS OF PAVEMENT RESTORATION, INCLUDING SAWCUT LINES AND SKIN PATCHING. THE PERMITTEE/CONTRACTOR SHALL CONSULT WITH THE STREET INSPECTOR PRIOR TO SAWCUTTING OR DEMOLISHING OF PAVEMENT.
- 15. SAWCUTS SHALL BE STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING PAVEMENT AND NEW PAVEMENT AND ALL NEW PAVEMENT JOINTS SHALL BE SAND SEALED.
- 16. EXISTING PAVEMENT SECTION WIDTHS OF 2 FEET OR LESS BETWEEN PROPOSED SAWCUT AND EXISTING PAVEMENT EDGE (I.E. UTILITY TRENCH REPAIR), SHALL BE RESTORED PER STD. DWG. P-505.
- 17. PAVEMENT SECTION SHALL BE AS SHOWN ON THE STREET TYPICAL SECTION(S) OR MATCH EXISTING PAVEMENT IF EXISTING IS A THICKER SECTION.

CURBS, SIDEWALKS, AND DRIVEWAYS

- 18. UTILITY LIDS, MANHOLE COVERS, VALVE COVERS (THAT ARE NOT SHOWN ON THESE CONSTRUCTION DRAWINGS) ARE NOT ALLOWED IN THE THROUGH PEDESTRIAN ZONE. THEY MUST BE PLACED IN THE SIDEWALK FURNISHING OR BUILDING ZONE IF THE PROPER PBOT UTILITY PERMIT HAS BEEN SECURED.
- 19. FULL HEIGHT CURBS SHALL BE CONSTRUCTED AT ALL LOCATIONS UNLESS A NEW DRIVEWAY IS CONSTRUCTED AT THE SAME TIME AS THE CURB.

NOTICE TO EXCAVATORS

ATTENTION: 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 OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER.

(NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).

Dig Safely.

POTENTIAL UNDERGROUND FACILITY OWNERS

Call the Oregon One-Call Center DIAL 811 or 1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS

VERIZON

M-F 7am-6pm 503-226-4211 Ext.4313 AFTER HOURS 503-226-4211 PGE 503-464-7777 CENTURYLINK 1-800-573-1311 CITY BUREAU OF MAINTENANCE 503-823-1700 CITY WATER 503-823-4874

1-800-483-1000

REVISIONS

- 20. ALL SIDEWALK CONTRACTION JOINTS SHALL BE PER SECTION 00759.49 - "CONTRACTION JOINTS" OF THE STANDARD CONSTRUCTION SPECIFICATION AND CITY STANDARD DWG P-551.
- 21. NO FUTURE DRIVEWAYS SHALL BE CONSTRUCTED UNLESS THERE IS A BUILDING PERMIT ISSUED FOR AN ON-SITE PARKING SPACE, OR OTHER APPROVAL FROM BDS.
- 22. CONTRACTOR MAY USE CONCRETE OR ASPHALT CONCRETE FROM THE PRE-APPROVED MIX DESIGNS LIST IF AVAILABLE. IF NOT. THE CONTRACTOR WILL NEED TO SUBMIT A MIX DESIGN FOR APPROVAL.
- 23. USE ONLY APPROVED DETECTABLE WARNING DEVICES FROM THE CITY'S CONSTRUCTION PRODUCTS LIST (CPL).
- 24. ALL DRIVEWAYS ARE REQUIRED TO HAVE A MINIMUM OF 3 FEET OF HARD SURFACING BEHIND SIDEWALK (SEE STD. DWG. P-536).

STORM SEWER PIPE

BACKFILL

- 25. THE ACCEPTABLE INLET LEAD PIPE MATERIALS ARE AS FOLLOWS: • C.S.P. ASTM C_14, CLASS 3 WITH CLASS 'B' BEDDING AND
 - HDPE D 3035 SDR 26 WITH FLEXIBLE PIPE BEDDING AND GRANULAR BACKFILL
 - PVC ASTM D 3034 SDR 35 WITH FLEXIBLE PIPE BEDDING AND
 - GRANULAR BACKFILL • PIPE BEDDING AND BACKFILL PER STANDARD PLAN NOS. P-100 AND P-101.
 - SURFACING PER STD. DWG. P-515, AND P-516.

FINAL MAP DATA

26. FOR PLUGGING OF ABANDONED SEWER PIPES, AND FILLING ABANDONED PIPES, MANHOLES, AND CATCH BASINS, SEE SECTIONS 00490.43 AND 00490.44 RESPECTIVELY OF THE STANDARD SPECIFICATION.

<u>CATCH BASINS AND INLETS</u>

27. ALL CATCH BASIN AND INLETS SHALL BE CAST-IN-PLACE, CONSTRUCT CAST-IN-PLACE CATCH BASINS AND INLETS ACCORDING TO SECTION 00470.

TRAFFIC AND PARKING CONTROL

- 28. THE CONTRACTOR MUST ACQUIRE AN APPROVED TEMPORARY STREET USE PERMIT (TSUP) PRIOR TO CLOSURE OF ANY STREET, SIDEWALK, TRAVEL LANE OR PARKING LANE. THE TSUP IS ACQUIRED FROM THE PERMIT CENTER LOCATED AT 1900 SW 4TH AVENUE.
- 29. THE CONTRACTOR SHALL NOT REMOVE OR COVER ANY TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, OR BARRICADES THAT ARE NOT IDENTIFIED ON THE APPROVED TEMPORARY TRAFFIC CONTROL PLAN.
- 30. THE CONTRACTOR SHALL MAINTAIN ALL NECESSARY TEMPORARY TRAFFIC CONTROL DEVICES (INCLUDING BUT NOT LIMITED TO THE FOLLOWING - SIGNS, PAVEMENT MARKINGS, AND BARRICADES) UNTIL THE PERMANENT TRAFFIC CONTROL DEVICES ARE INSTALLED.
- 31. WHEN WORK INTERFERES WITH THE OPERATION OF A TRIMET BUS OR BUS STOP, CONTACT TRIMET AT 503-962-4949 A MINIMUM OF 14 DAYS PRIOR TO CLOSING OR DISRUPTING TRIMET'S OPERATION.
- 32. THE CONTRACTOR SHALL INSTALL OR REINSTALL ALL PERMANENT TRAFFIC CONTROL SIGNING, CURB AND PAVEMENT MARKINGS, AND BARRICADES.
- 33. THE CONTRACTOR SHALL SUBMIT MATERIALS LIST FOR APPROVAL 14 DAYS PRIOR TO INSTALLING PERMANENT TRAFFIC CONTROL SIGNING, CURB AND PAVEMENT MARKINGS, AND BARRICADES.
- 34. ALL NEW SIGN MATERIALS SHALL COMPLY WITH SECTION 2910 OF THE CITY OF PORTLAND STANDARD CONSTRUCTION SPECIFICATIONS. ALL SIGNS SHALL BE TYPE III OR IV BACKGROUND SHEETING ON ALUMINUM SIGN BLANKS. SIGN TYPES FOR EACH SIGN, AS SPECIFIED IN SECTION 2910.02. ARE NOTED IN THE PLANS.
- 35. SIGNS AND SIGN POSTS REMOVED BY THE PERMITEE OR ITS AGENT SHALL BE DELIVERED TO THE BUREAU OF MAINTENANCE, ALBINA YARD, CALL 503-823-4056 TO ARRANGE A DELIVERY TIME. REMOVE ALL SIGNS, CONCRETE AND DEBRIS FROM THE POST PRIOR TO DELIVERY.
- 36. ALL CURB AND PAVEMENT MARKING MATERIALS SHALL BE ON THE CITY'S CONSTRUCTION PRODUCTS LIST (CPL) OR THE STATE'S QUALIFIED PRODUCTS LIST (QPL). ALL MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURERS APPROVED APPLICATION PROCEDURE.
- 37. ALL LONGITUDINAL LINE WORK TO BE METHOD B (NON-PROFILE) EXTRUDED THERMOPLASTIC, 120 MILS
- 38. ALL TRANSVERSE LINE WORK, LEGENDS, SYMBOLS, AND ARROWS SHALL BE TYPE B-HS PREFORMED THERMOPLASTIC. BIKE LANE STENCILS, GREEN BICYCLE LANE MARKINGS, AND BIKE PATH RAILROAD MARKINGS SHALL BE 90 MILS THICK. ALL OTHER TRANSVERSE PAVEMENT MARKINGS SHALL BE 120-125 MILS THICK.
- 39. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY CURB OR PAVEMENT MARKINGS DAMAGED. WORN OUT OR REMOVED DUE TO CONTRACTOR'S OPERATION.
- 40. OUTSIDE METERED DISTRICTS: PARKING CONTROL SIGNING WILL BE INSTALLED BY THE CONTRACTOR. CONTACT PARKING CONTROL AT 503-823-7275 14 DAYS PRIOR TO INSTALLATION TO IDENTIFY EXACT SIGN LOCATIONS.

DATE APPROVED

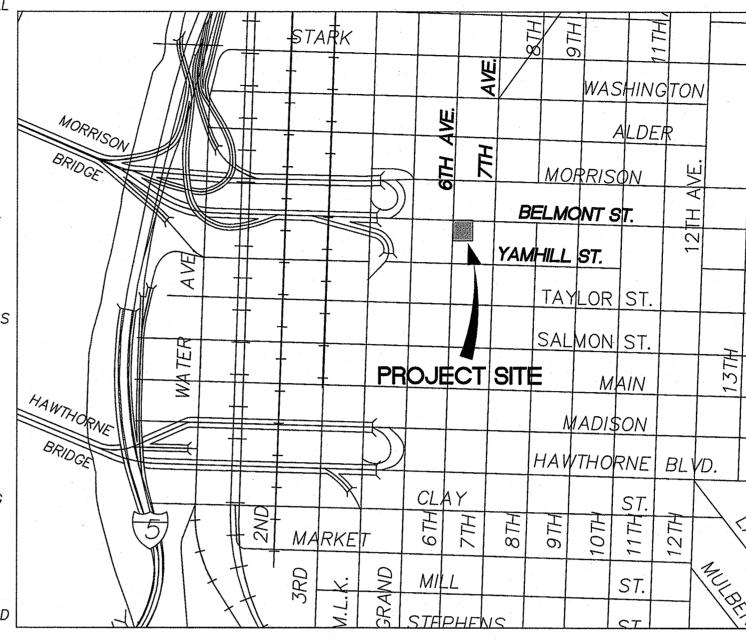
- 41. ALL TREE REMOVAL SHALL COMPLY WITH THE FEDERAL MIGRATORY BIRD TREATY ACT. SEE THE SPECIAL PROVISIONS FOR REQUIREMENTS PRIOR TO CUTTING OF ANY TREE.
- 42. ALL GROUND DISTURBANCES NEAR TREES REQUIRES ROOT INSPECTION!! CONTACT URBAN FORESTRY (URBAN FORESTRY AT 503-823-8733; FOR ROOT INSPECTIONS PRESS 3) PRIOR TO ALL EXCAVATIONS ADJACENT TO TREES. CONSULTATION WITH THE URBAN FORESTER IS REQUIRED BEFORE CUTTING OF ROOTS
- 43. FOR ALTERNATE TREE SPECIES OR ALTERNATE TREE PLANTING LOCATION APPROVAL (PRIOR TO PLANTING), CONTACT CASEY CLAPP WITH URBAN FORESTRY AT 503-823-4467.

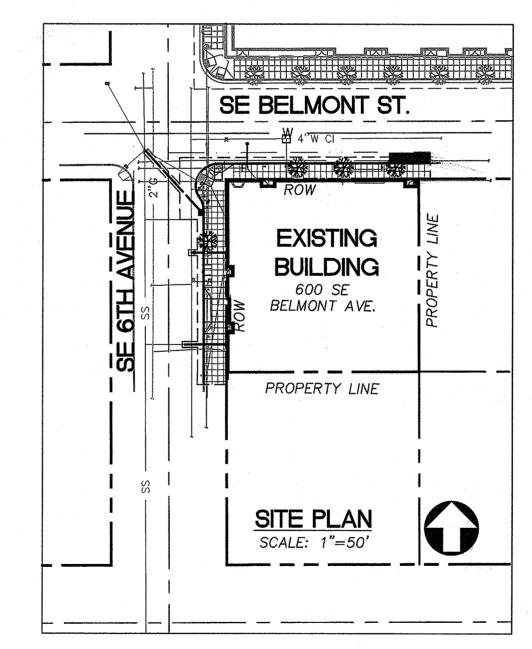
EROSION CONTROL

44. EROSION/SEDIMENTATION CONTROL (ESC) IS REQUIRED ON THIS PROJECT. IMPLEMENTATION OF THE ESC AND THE CONSTRUCTION. MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE PERMITTEE OR ITS AGENT UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED. THE PERMITTEE OR ITS AGENT SHALL PROVIDE INLET PROTECTION TO DOWNSTREAM INLETS FROM THE SITE PER THE EROSION CONTROL MANUAL [MARCH 2008]. CATCH BASIN AND STORM DRAIN INLET PROTECTION SHALL BE INSTALLED PER DETAIL DRAWINGS 4.3-B AND 4.3-G.

PUBLIC STREET **IMPROVEMENTS**

SE BELMONT STREET, SE 6TH AVENUE





STORMWATER NARRATIVE

PUBLIC STREET IMPROVEMENTS:

STORMWATER MANAGEMENT IS NOT REQUIRED FOR THE IMPROVEMENTS TO THE PUBLIC SIDEWALKS IN THE PUBLIC RIGHT OF WAY. THE EXISTING STORMWATER DRAINAGE FOR THE RIGHT OF WAY WILL BE PROTECTED DURING CONSTRUCTION.

WATER VALVE FIRE DEPARTMENT CONNECTION FIRE HYDRANT **MANHOLE** CATCH BASIN SIGN STREET LIGHT UTILITY POLE GAS VALVE TREE PROPERTY LINE CENTERLINE ---- SAWCUT LINE EDGE OF PAVEMENT SANITARY SEWER COMBINED SEWER STORM SEWER TELEPHONE LINE POWER LINE CONCRETE SIDEWALK

PROPOSED

DESCRIPTION

WATER METER

ABBREVIATIONS

LEGEND

EXISTING

			 	
AC BZ BC BW CL	ASPHALTIC CONCRETE BUILDING ZONE BOTTOM OF CURB BACK OF WALK CENTERLINE		MAX MIN NO NTS ODOT	MAXIMUM MINIMUM NUMBER NOT TO SCALE OREGON DEPARTMENT OF
CONC	CONCRETE			TRANSPORTATION
CONST	CONSTRUCT CITY OF PORTLAND		PBOT	PORTLAND BUREAU OF TRANSPORTATION
d	DISTANCE		PC	POINT OF CURVATURE
DTL EXIST/(E)	DETAIL EXISTING	1	PROP PT	PROPOSED POINT OF TANGENCY
EG	EXISTING GROUND		PVMT	PAVEMENT
FF FS	FINISHED FLOOR FIRE SERVICE		PZ R	PEDESTRIAN ZONE RADIUS
FW	FRONT OF WALK		ROW	RIGHT OF WAY
FZ	FURNISHING ZONE GUTTER		RT SD	RIGHT STORM DRAIN
G/GUT GB H	GRADE BREAK		STA	STATION
H HP	HORIZONTAL HIGH POINT		STD TC	STANDARD TOP OF CURB
IE	INVERT ELEVATION		TP	TOP OF PAVEMENT
LT	LENGTH LEFT		TYP	TYPICAL VERTICAL
LI	imim!!		v	VLI IIUAL

SHEET INDEX

SHEET # SHEET TITLE

COVER SHEET TYPICAL STREET SECTIONS

SE 6TH AVENUE PLAN AND PROFILE SE BELMONT STREET PLAN AND PROFILE ENLARGED CORNER PLAN AND PROFILE STANDARD DETAILS

STANDARD DETAILS STANDARD DETAILS STANDARD DETAILS

STANDARD DETAILS EROSION CONTROL PLAN

DESIGNED BY KAMCONSTRUCTED B' CAD BY DIV. ENGINEER ROJECT COMPLETED MDR AP CORRECTED BY HECKED BY PBOT REVIEWER CHECKED E MSW NO. DATE DESCRIPTION



APPROVALS: PBOT PRINCIPAL ENGINEER

BOT CITY ENGINEER

100000000

REG. PROF. ENGR. 75155PE

REG. PROF. ENGR. 51538PE

PORTLAND **BUREAU OF TRANSPORTATION**

CHLOE EUDALY COMMISSIONER STEVE TOWNSEN, P.E. CITY ENGINEER



Humber Design Group, Inc.



FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

COVER SHEET

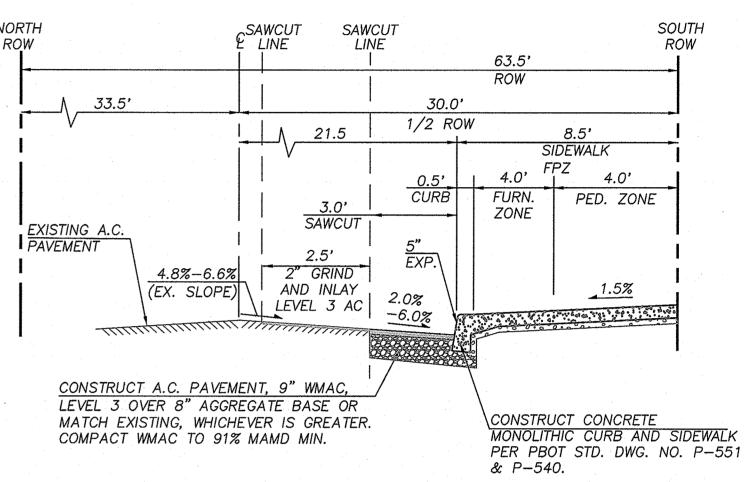
1 of 10

SHEET NO.

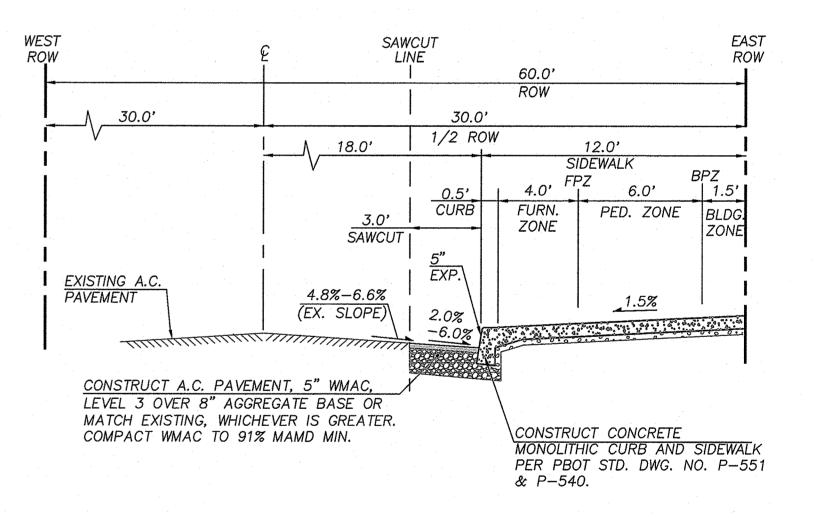
PBOT JOB NO.

TH0742

			-		SIGN	AND POST DA	TA TABLE		
		SIGN DII	MENSION	SIGN	CODE	SIGN TYPE	TYPE OF SUPPORT		
SIGN NO.	QTY. USED	WIDTH (INCHES)	HEIGHT (INCHES)	PBOT	MUTCD	(PER STD. 2910.02 COP STD. SPRECS.)	MOUNT	FOOTING TYPE	SIGN LEGEND/OTHER REMARKS
1.	1	12	18	P3800					[2 HOURS PARKING] + RIGHT ARROW
2	2			P4440L					2 HOUR VISITOR PARKING 7AM-6PM MON-FRI EXCEPT BY ZONE G PERMIT + [LEFT ARROW]
3	2	12	18	P1000					[NO PARKING SYMBOL] + [LEFT ARROW]
4	1.	12	18	P1000					[NO PARKING SYMBOL] + [RIGHT ARROW]
5	2			P4440R					2 HOUR VISITOR PARKING 7AM-6PM MON-FRI EXCEPT BY ZONE G PERMIT + [RIGHT ARROW]
6	2	30	30	R1010	R1-1				STOP
7	1	36	12	R500	R6-1L				[ONE WAY] + RIGHT ARROW
8	1	36	12	R5020	R6-1R			•	[ONE WAY] + LEFT ARROW
9	1			G2600					[OMSI NEXT RIGHT]
10	1	12	18	P1000					[NO PARKING SYMBOL] + BOTH ARROWS
11	1	30	36	R4037					YIELD TO BIKES IN BIKE LANE SYMBOL

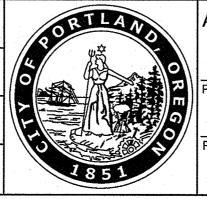


SE BELMONT STREET TYPICAL STREET SECTION



SE 6TH AVENUE TYPICAL STREET SECTION

					DESIGNED BY		DATE APPROVED	
				CONSTRUCTED BY	KAM			
				PROJECT COMPLETED	CAD BY	1	DIV. ENGINEER	П
				MAP CORRECTED BY	MDR	i		
					CHECKED BY	1	PBOT REVIEWER	
				CHECKED BY	MSW	j	VM	
NO.	DATE	DESCRIPTION	APPD.					П
		REVISIONS		FINAL MAP DATA				



REG. PROF. ENGR. 75155PE BOT CITY ENGINEER REG. PROF. ENGR. 51538PE

PORTLAND **BUREAU OF TRANSPORTATION**

COMMISSIONER

CITY ENGINEER

CHLOE EUDALY STEVE TOWNSEN, P.E. Portland, OR • 503.946.6690 • hdgpdx.com

Humber Design Group, Inc. EXPIRES 6-30-2020

FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

TH0742 SHEET NO.

PBOT JOB NO.

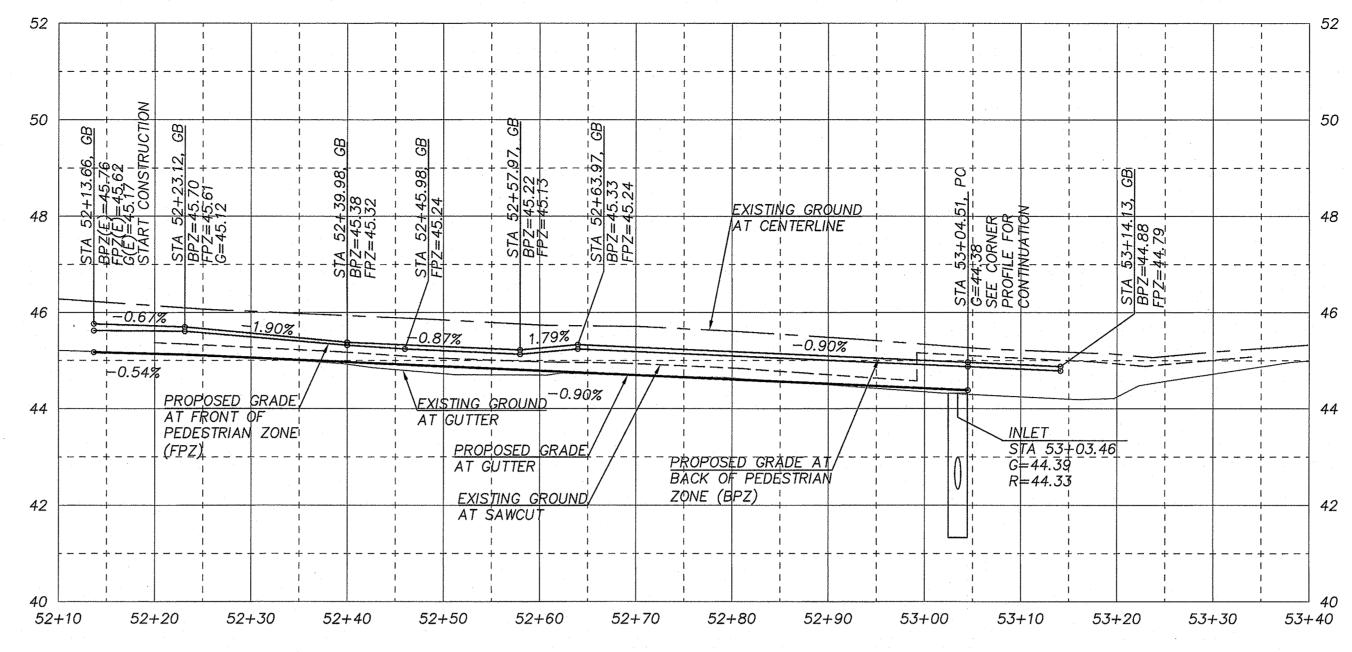
TYPICAL STREET SECTIONS

CONSTRUCTION NOTES

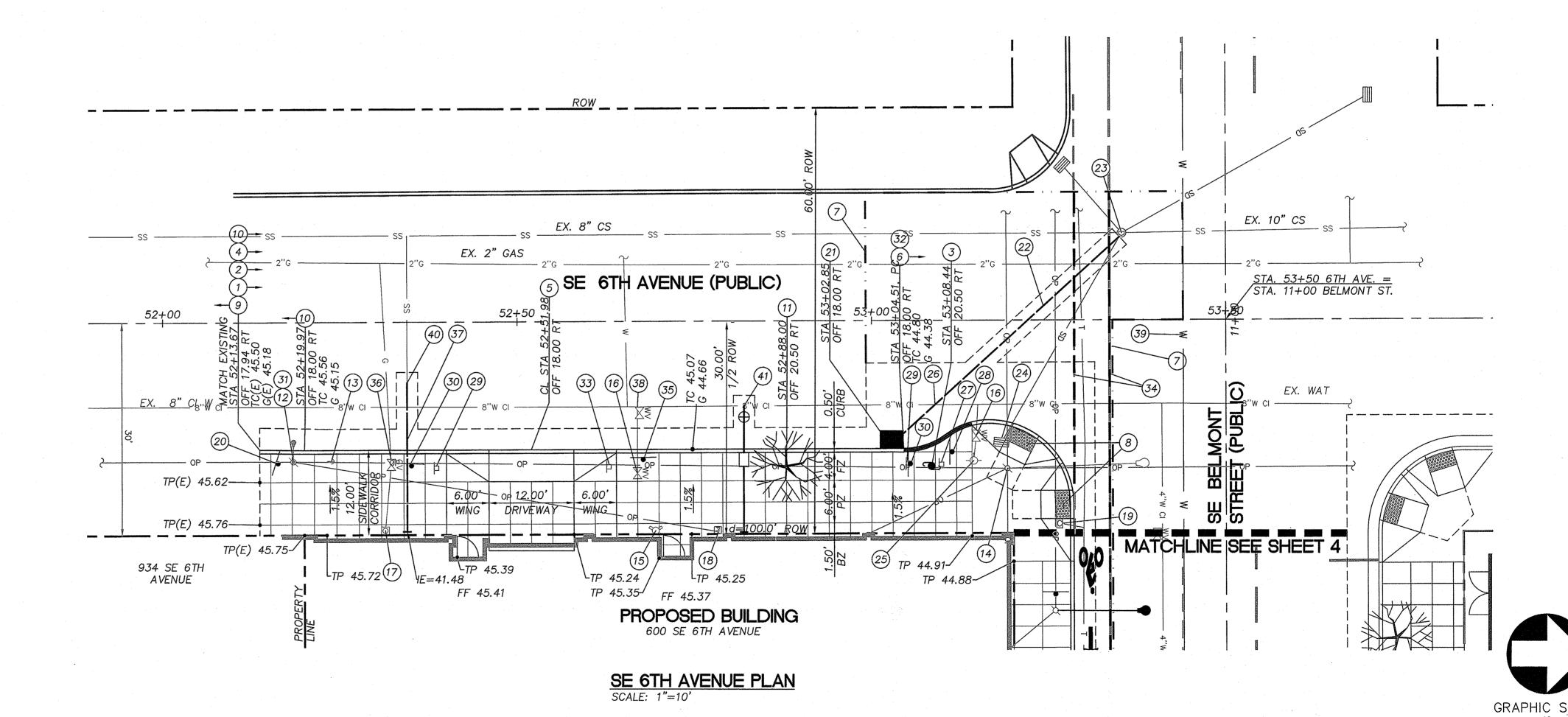
- (1) CONSTRUCT MONOLITHIC CONCRETE CURB AND SIDEWALK PER PBOT STD. DWG. NO. P-540 & P-551, AND TYPICAL SECTION, DETAIL 1, SHEET 2.
- (2) SAWCUT 3.0' FROM NEW CURB LOCATION PER PBOT STD. DWG. NO. P-506. REMOVE EXISTING AC PAVEMENT, CURB, AND SIDEWALK TO CUT LINE. SEE TYPICAL SECTION, DETAIL 1, SHEET 2.
- (3) INSTALL NEW WOOD POLE, COORDINATE WITH PGE, CONTACT RILEY BAKER (503–438–0220).
- (4) CONSTRUCT A.C. PAVEMENT PER TYPICAL SECTION, DETAIL 1, SHEET 2.
- (5) CONSTRUCT 12.0' WIDE CONCRETE DRIVEWAY PER ENLARGED DRIVEWAY PLAN, AND PBOT STD. DWG. NO. P-529.
- (6) CONSTRUCT 4.0' WIDE CURB EXTENSION PER ENLARGED CORNER PLAN AND PROFILE, DETAILS 1 & 2, SHEET 5.
- (7) LIMITS OF ASPHALT RESTORATION. 2" GRIND AND INLAY WITH LEVEL 3 AC, PER PBOT STD. DWG. NO. P-518.
- (8) CONSTRUCT ACCESSIBLE CURB RAMP PER ENLARGED CORNER PLAN DETAILS 1 & 2 SHEET 5, AND PBOT STD. DWG. NO. P-548. ENTIRE CONCRETE ADA RAMP AREA (INCLUDING CURBS, RAMPS, LANDINGS, AND FLARES/WINGS) ARE TO BE CONSTRUCTED MONOLITHICALLY.
- (9) PROTECT EXISTING CURB AND SIDEWALK.
- (10) CONSTRUCT TRANSITION PANEL, MATCH EXISTING.
- (11) PLANT PERSIAN IRONWOOD, 2.5" CALIPER, CENTERED IN 4'X6' TREEWELL PER PBOT STD. DWG. NO. P-581.
- (12) PROTECT UTILITY POLE WITH COBRAHEAD STREET LIGHT.
- (13) PROTECT EXISTING GUY WIRE.
- (14) REMOVE EXISTING UTILITY POLE AND RELOCATE COBRAHEAD STREET LIGHT. COORDINATE WITH PGE. CONTACT RILEY BAKER, (503-438-0220). COORDINATE STREET LIGHT RELOCATION WITH CITY OF PORTLAND, CONTACT DAN SPOELSTRA, (503-823-4111).
- (15) PROTECT EXISTING FDC ON BUILDING FACE.
- (16) PROTECT EXISTING WATER VALVE, ADJUST EXISTING CIV TO GRADE, BY CONTRACTOR PER PBOT STD. DWG. P-805.
- (17) PROTECT EXISTING GAS METER.
- (18) PROTECT EXISTING ELECTRICAL METER CONNECTION.
- (19) RELOCATE EXISTING TRAFFIC SIGNAL SIDEWALK PULL BOX OUT OF RAMP THROAT.
- 20 INSTALL NEW SIGNS 1 & 2 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (21) CONSTRUCT NEW CG-2 INLET. PER ODOT STD. DWG. NO. RD-365 & RD-366. G = 44.45RIM = 44.33
 - IE(E) = 38.5412" SUMP=37.54
- (22) INSTALL 43LF 10" HDPE STORM LATERAL, S=0.0774
- (23) CONNECT TO EXIST STORM DRAINAGE MANHOLE #ABQ987
 - RIM = 45.20'
 - IE IN 8" CONC (NW)=38.30' IE IN 8" CONC (SW)=40.00"

IE IN 12" CONC (S)=34.90'

- IE IN 8" CONC (SE)=39.00' OLD
- IE IN 10" CONC (SE)=37.68' NEW
- IE OUT 12" CONC (N)=34.80'
- (24) REMOVE EXISTING PUBLIC INLET AND CAP AND ABANDON EXISTING INLET LATERAL.
- (25) PROTECT EXISTING HYDRANT.
- (26) A UTILITY PROTECTION PLAN IS REQUIRED TO BE SUBMITTED TO ROY MARTINEZ FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. (503-823-4518, ROY.MARTINEZ@PORTLANDOREGON.GOV). SEE PWB GUIDELINE FOR UTILITY PROTECTION AT WWW.PORTLANDOREGON.GOV/WATER/ARTICLE/415225 FOR DETAILS
- (27) REMOVE AND DISCARD EXISTING SIGNS 6, 7 & 8 PER PBOT STD. DWG. NO. P-400. SEE SIGN TABLE SHEET 2.
- (28) INSTALL NEW SIGNS 6, 7 & 8 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (29) REMOVE AND DISCARD EXISTING SIGNS 3 & 5 AND POST, REFERENCE SIGN DATA TABLE, SHEET 2.
- (30) INSTALL NEW SIGNS 3 & 5 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (31) REMOVE AND DISCARD EXISTING SIGNS 1 & 2 PER PBOT STD. DWG. NO. P-400. SEE SIGN TABLE SHEET 2.
- (32) INSTALL CURB EXTENSION STRIPING AND REFLECTORS (CE-CNR/R2) PER PBOT STD. DWG. NO. P-434.
- (33) REMOVE AND DISCARD EXISTING SIGNS 2 & 4 AND POST, REFERENCE SIGN DATA TABLE, SHEET 2.
- (34) REPAIR OR REPLACE DAMAGED 8" WHITE DOTTED LINE STRIPING, PER ODOT STD. DWG. TM-500 (WD2).
- 35) INSTALL NEW SIGNS 2 & 4 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (36) ADJUST EXISTING GAS VALVE TO FINISHED GRADE, COORDINATE WITH NW NATURAL, JODI WRIGHT 503.367-4984.
- (37) INSTALL APPROX. 21LF 4" SANITARY LATERAL, S=0.0200 MIN, UNDER SEPARATE BES CONNECTION PERMIT.
- (38) PROTECT EXISTING 6" FIRE LINE.
- (39) FUTURE 8" DI WATERLINE BY PWB CAPITAL PROJECT WO2287. NOT ASSOCIATED WITH THIS PROJECT.
- (40) NEW CONNECTION TO EXISTING 4" SANITARY LATERAL UNDER SEPARATE BES CONNECTION PERMIT.
- (41) INSTALL 1" WATER METER BY CITY WATER BUREAU.



SE 6TH AVENUE PROFILE SCALE: H: 1"=10" V: 1"=2'



DESIGNED BY KAM CONSTRUCTED BY CAD BY DIV. ENGINEER MDR IAP CORRECTED BY CHECKED BY PBOT REVIEWER CHECKED BY. MSW NO. DATE DESCRIPTION REVISIONS FINAL MAP DATA



APPROVALS: PBOT CITY ENGINEER REG. PROF. ENGR. 51538PE

PORTLAND **BUREAU OF TRANSPORTATION**

CHLOE EUDALY COMMISSIONER STEVE TOWNSEN, P.E. CITY ENGINEER



Humber Design Group, Inc. Ithhull. EXPIRES 6-30-2020

FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

SHEET NO.

1 inch = 10 ft.

SE 6TH AVENUE PLAN AND PROFILE

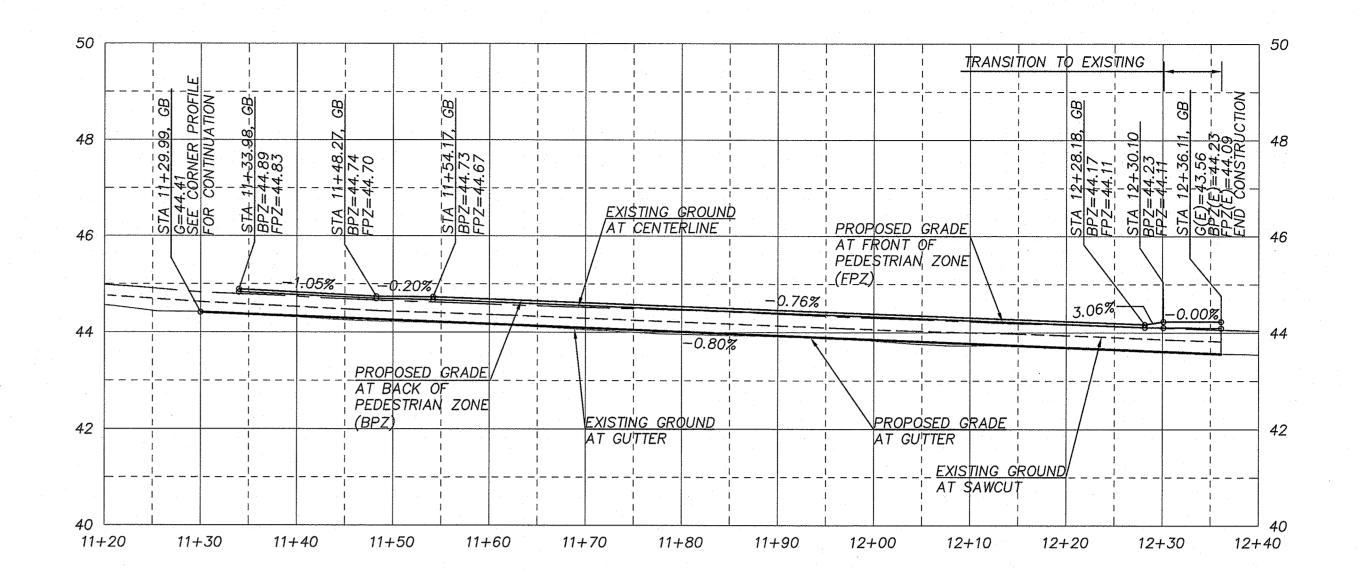
3 of 10

PBOT JOB NO.

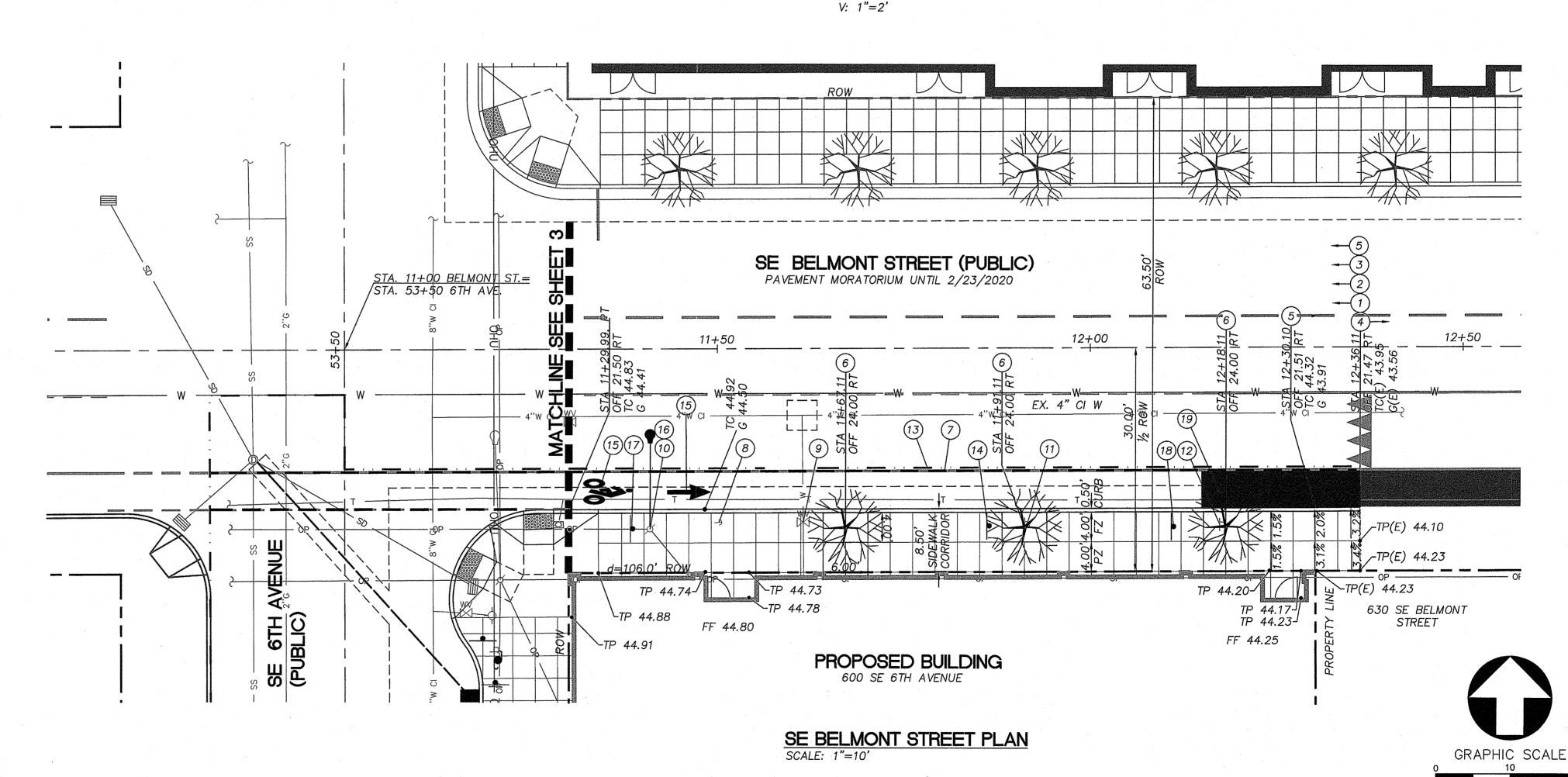
TH0742

CONSTRUCTION NOTES

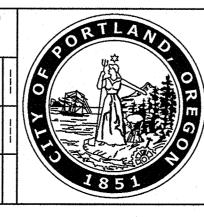
- (1) CONSTRUCT MONOLITHIC CONCRETE CURB AND SIDEWALK PER PBOT STD. DWG. NO. P-540 & P-551, AND TYPICAL SECTION, DETAIL 2, SHEET 2.
- 2 SAWCUT 3.0' FROM NEW CURB LOCATION PER PBOT STD. DWG. NO. P-506. REMOVE EXISTING AC PAVEMENT, CURB, AND SIDEWALK TO CUT LINE. SEE TYPICAL SECTION, DETAIL 2, SHEET 2.
- (3) CONSTRUCT A.C. PAVEMENT PER TYPICAL SECTION, DETAIL 2, SHEET 2.
- (4) PROTECT EXISTING CURB AND SIDEWALK.
- 5 CONSTRUCT TRANSITION PANEL, MATCH EXISTING.
- (6) PLANT PERSIAN IRONWOOD, 2.5" CALIPER, CENTERED IN 4'X6' TREEWELL PER PBOT STD. DWG. NO. P-581.
- (7) REPAIR OR REPLACE DAMAGED 8" WHITE DOTTED LINE STRIPING, PER ODOT STD. DWG. TM-500(WD2).
- 8 PROTECT EXISTING GUY WIRE.
- (9) EXISTING 3/4" WATER METER TO BE KILLED BY CITY WATER BUREAU.
- (10) PROTECT EXISTING WOOD POLE. INSTALL COBRAHEAD STREETLIGHT. COORDINATE STREET LIGHT RELOCATION WITH CITY OF PORTLAND DAN SPOELSTRA, (503)823-4111.
- (11) REMOVE AND SAVE EXISTING SIGN 10 AND EXISTING BREAKAWAY DOME, REFERENCE SIGN DATA TABLE, SHEET 2. .
- (12) REMOVE AND SAVE EXISTING SIGN 11 AND EXISTING BREAKAWAY DOME, REFERENCE SIGN DATA TABLE, SHEET 2.
- (13) LIMITS OF ASPHALT RESTORATION. 2" GRIND AND INLAY WITH LEVEL 3 AC.
- 14 INSTALL NEW SIGN 10 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (15) REPAIR OR REPLACE DAMAGED BIKE LANE STRIPING, SEE ODOT STD. DWG. NO. TM-500 & TM-503 (BS & WD2).
- (16) REMOVE AND SAVE EXISTING SIGN 9 ON EXISTING WOODEN UTILITY POLE, REFERENCE SIGN DATA TABLE, SHEET 2.
- (17) REINSTALL SIGN 9 ON NEW PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- 18 REINSTALL SIGN 11 ON PIPE POST SIGN MOUNT WITH BREAKAWAY DOME SIGN SUPPORT. SEE STD. DWG. NO. P-400, P-406, & P-410, REFERENCE SIGN DATA TABLE, SHEET 2.
- (19) REPAIR DAMAGED BIKE LANE STRIPING, SEE PBOT STD. DWG. NO. P-436 (GRN).



SE BELMONT STREET PROFILE SCALE: H: 1"=10'



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			CONSTRUCTED BY	KAM		
			PROJECT COMPLETED	CAD BY		DIV. ENGINEER
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			CHECKED BY	MSW		VM
NO.	DATE	DESCRIPTION APPD.				
		REVISIONS	FINAL MAP DATA			



APPROVALS: BOT CITY ENGINEER REG. PROF. ENGR. 51538PE

PORTLAND **BUREAU OF TRANSPORTATION**

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FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

SE BELMONT STREET PLAN AND PROFILE

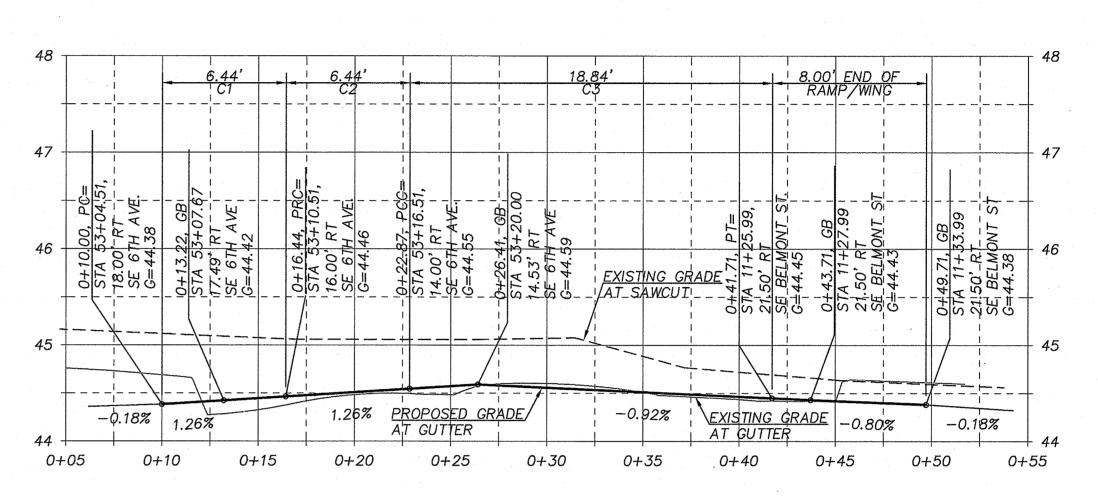
TH0742 SHEET NO.

4 of 10

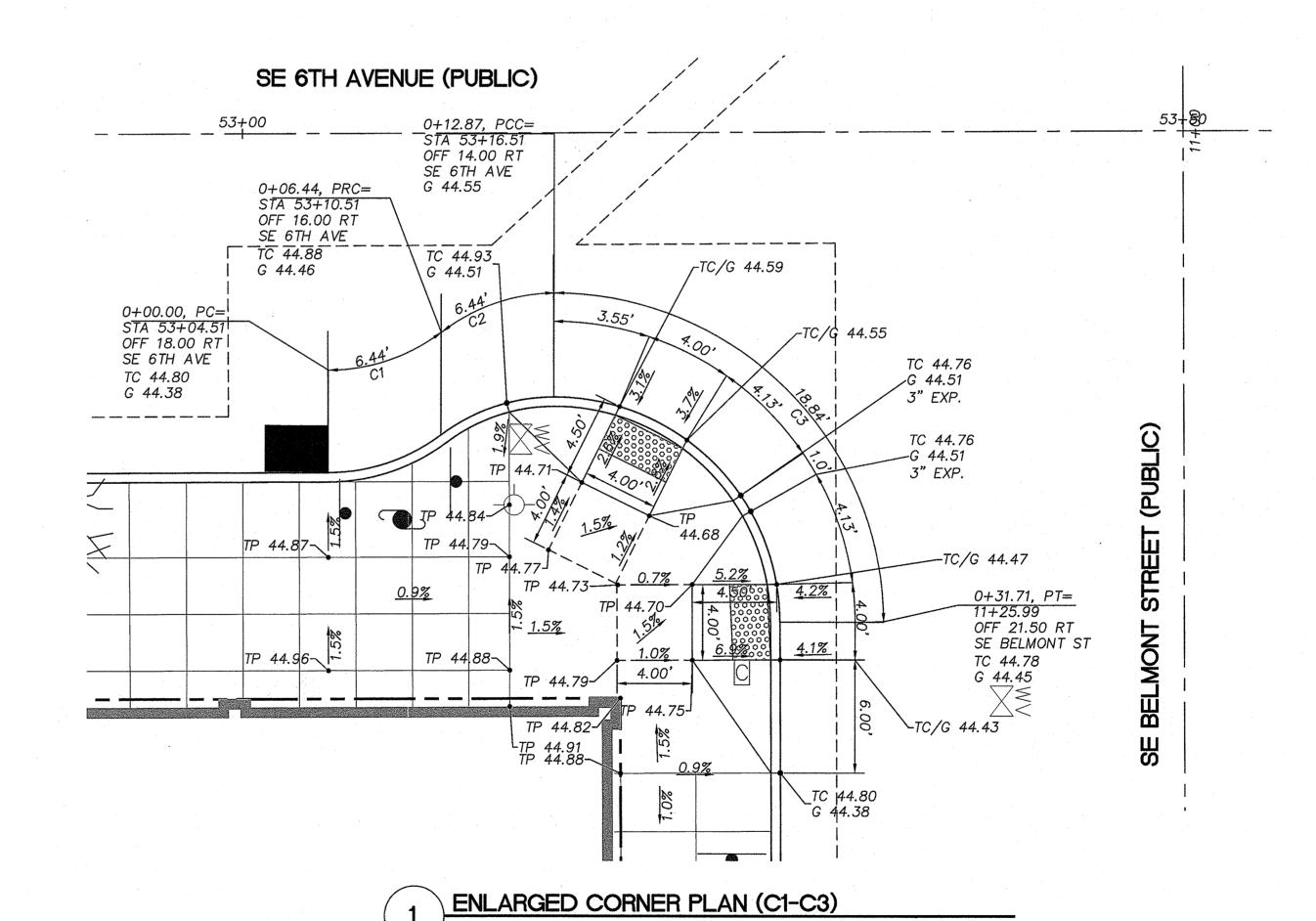
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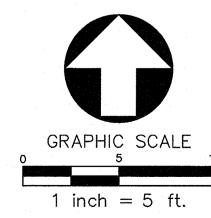
1 inch = 10 ft.

CURVE TABLE							
CURVE	LENGTH	RADIUS	DELTA				
C1	6.44	10.00	036°52'12"				
C2	6.44	10.00	036°52'12"				
C3	18.84	12.00	089°58'34"				



CORNER PROFILE (C1-C3) SCALE: 1"=5"





ENLARGED DRIVEWAY PLAN

TP 45.39-

52+50

SE 6TH AVENUE (PUBLIC)

12.00'

<u>DRIVEWAY</u>

0.9%

PROPOSED BUILDING

600 SE BELMONT ST.

TP 45.13-

TP 45.22~

TC 44.88 G 44.80

6.00'

__WING __

TP 45.24-

`TP 45.26

1.8%

TC 45.17 G 44.75

 $\mathbb{Z} \lesssim$

0.9%

TC 44.99 G 44.91

_TP 45.24

__TP 45.32

KAM CONSTRUCTED BY CAD BY PROJECT COMPLETED. MDR CHECKED BY CHECKED BY MSW NO. DATE DESCRIPTION REVISIONS FINAL MAP DATA

TC 45.39 G 44.97

6.00'

►TP 45.32

__WING____

APPROVALS: 3/20/19 REG. PROF. ENGR. 51538PE PBOT CITY ENGINEER

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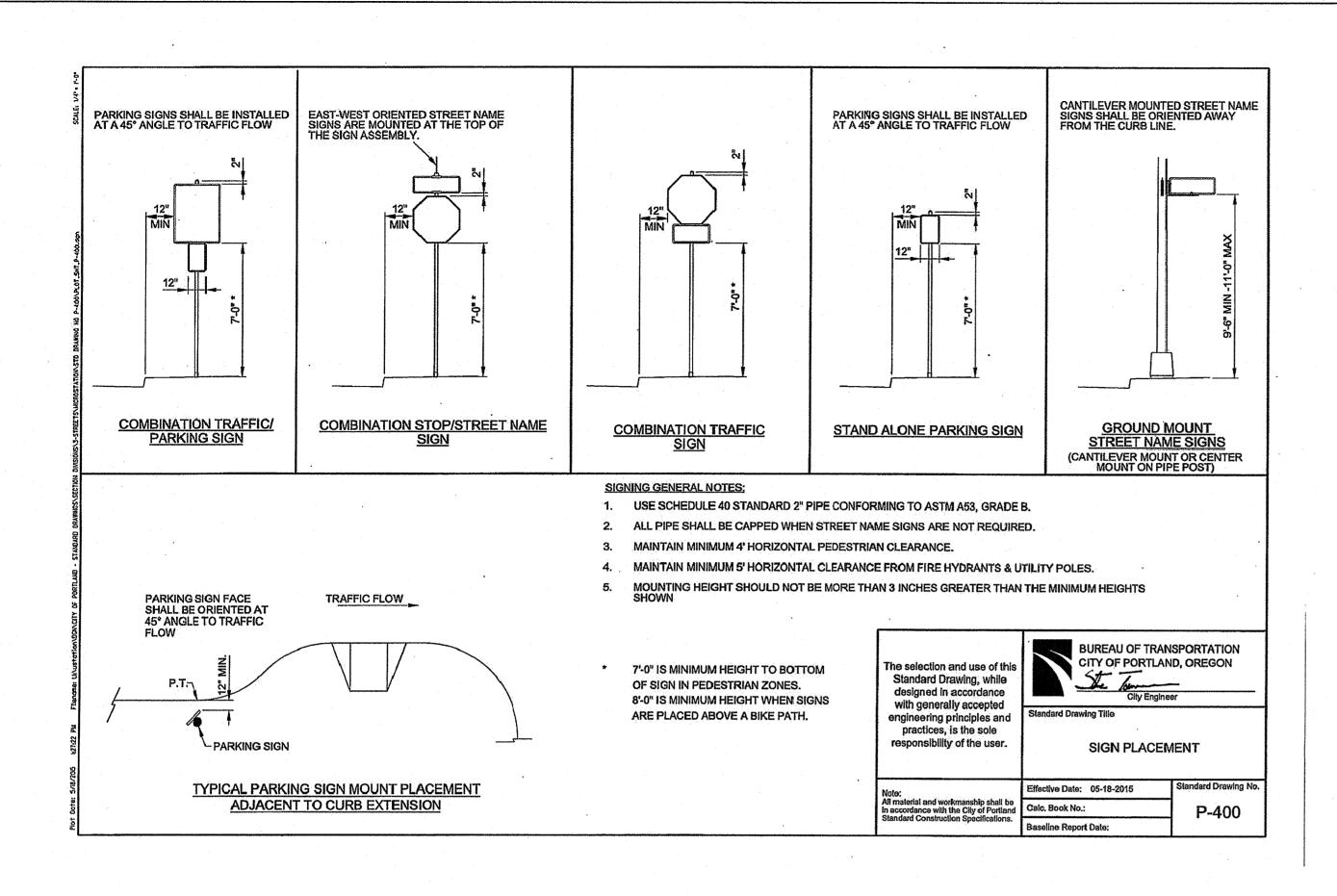
FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

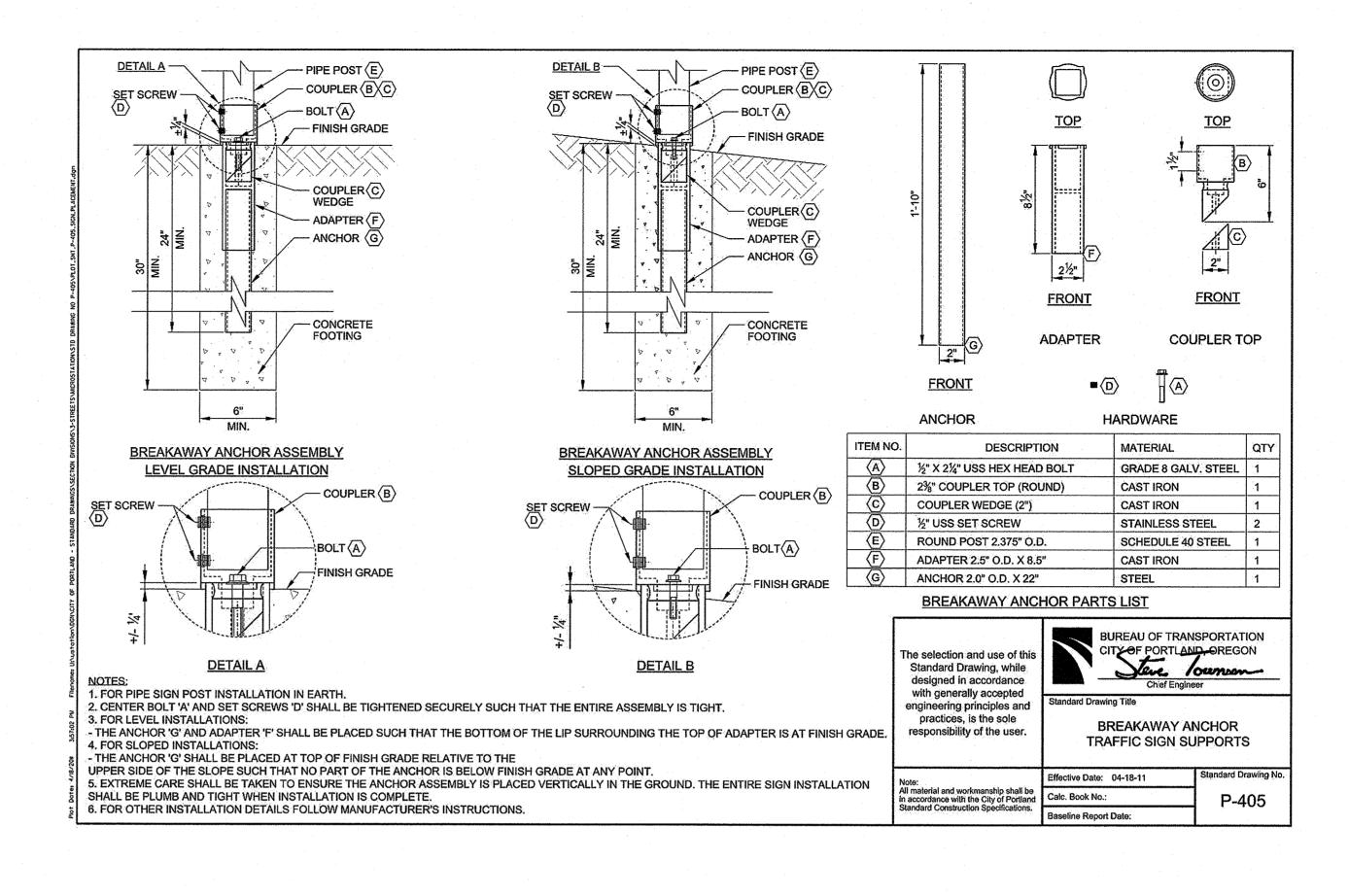
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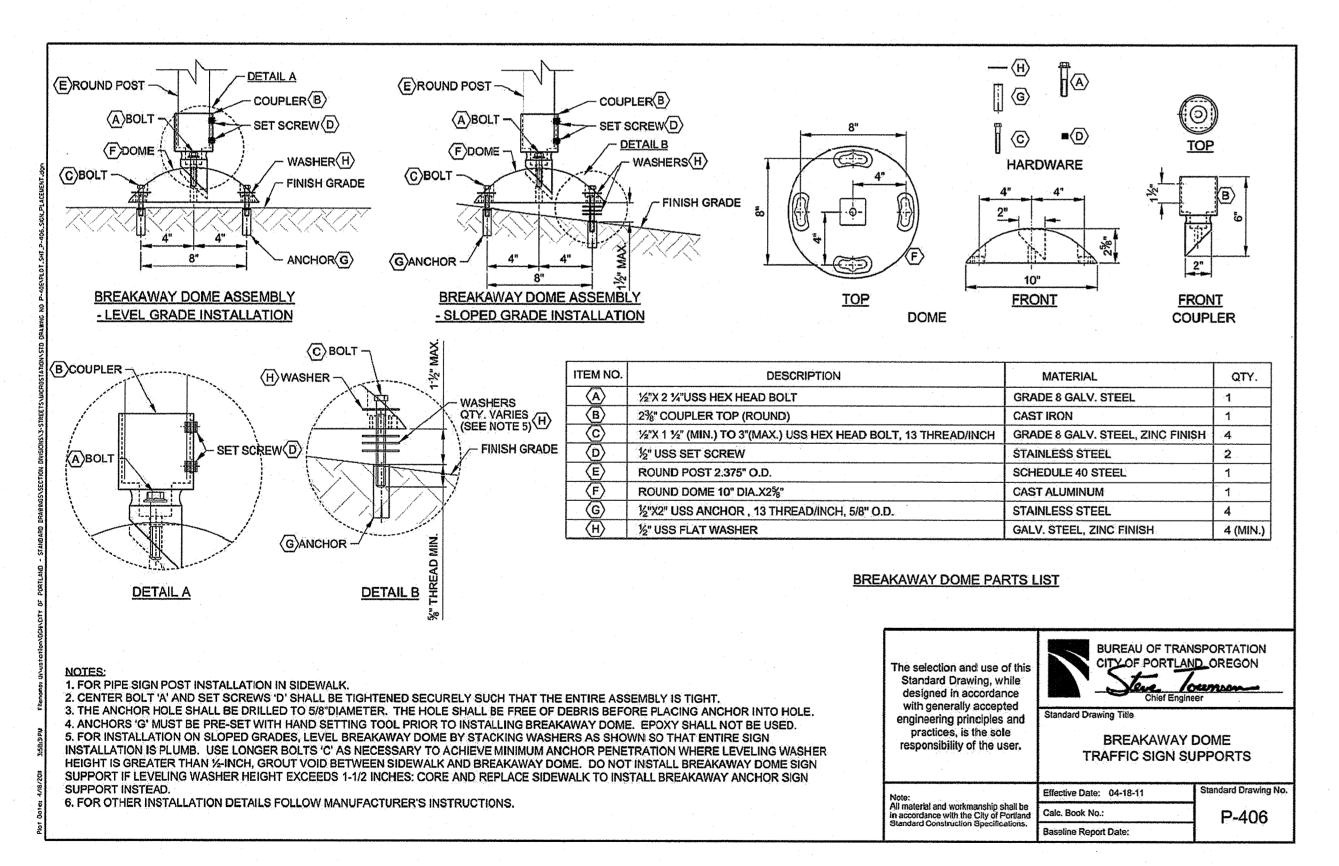
ENLARGED CORNER PLAN AND PROFILE

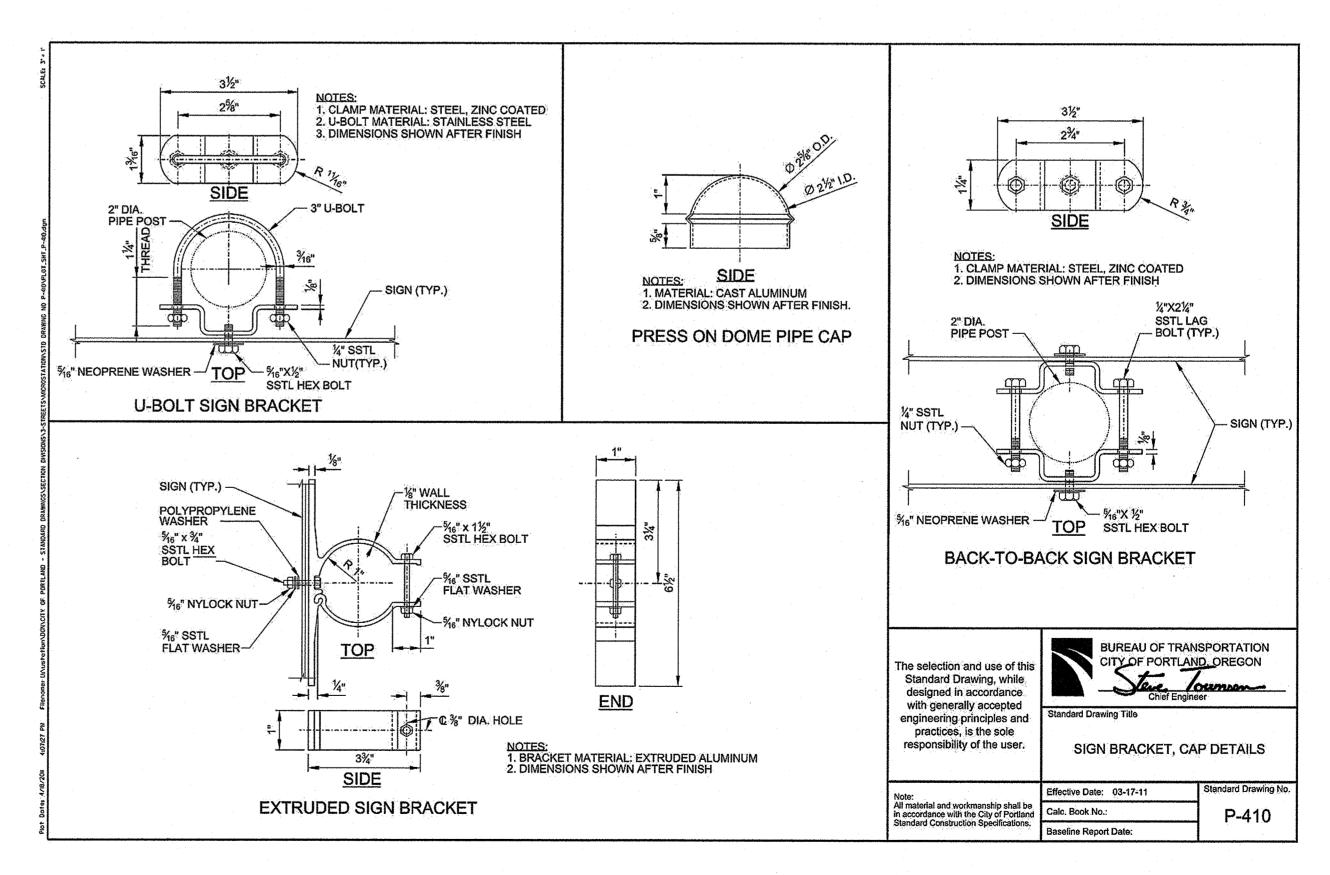
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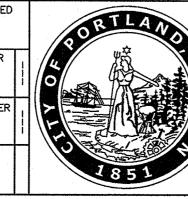








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					PROJECT COMPLETED	CAD BY	DIV. ENGINEER
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					CHECKED BY	MSW	VM
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ı			REVISIONS		FINAL MAP DATA		



APPROVALS: REG. PROF. ENGR. 75155PE REG. PROF. ENGR. 51538PE

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COMMISSIONER CITY ENGINEER



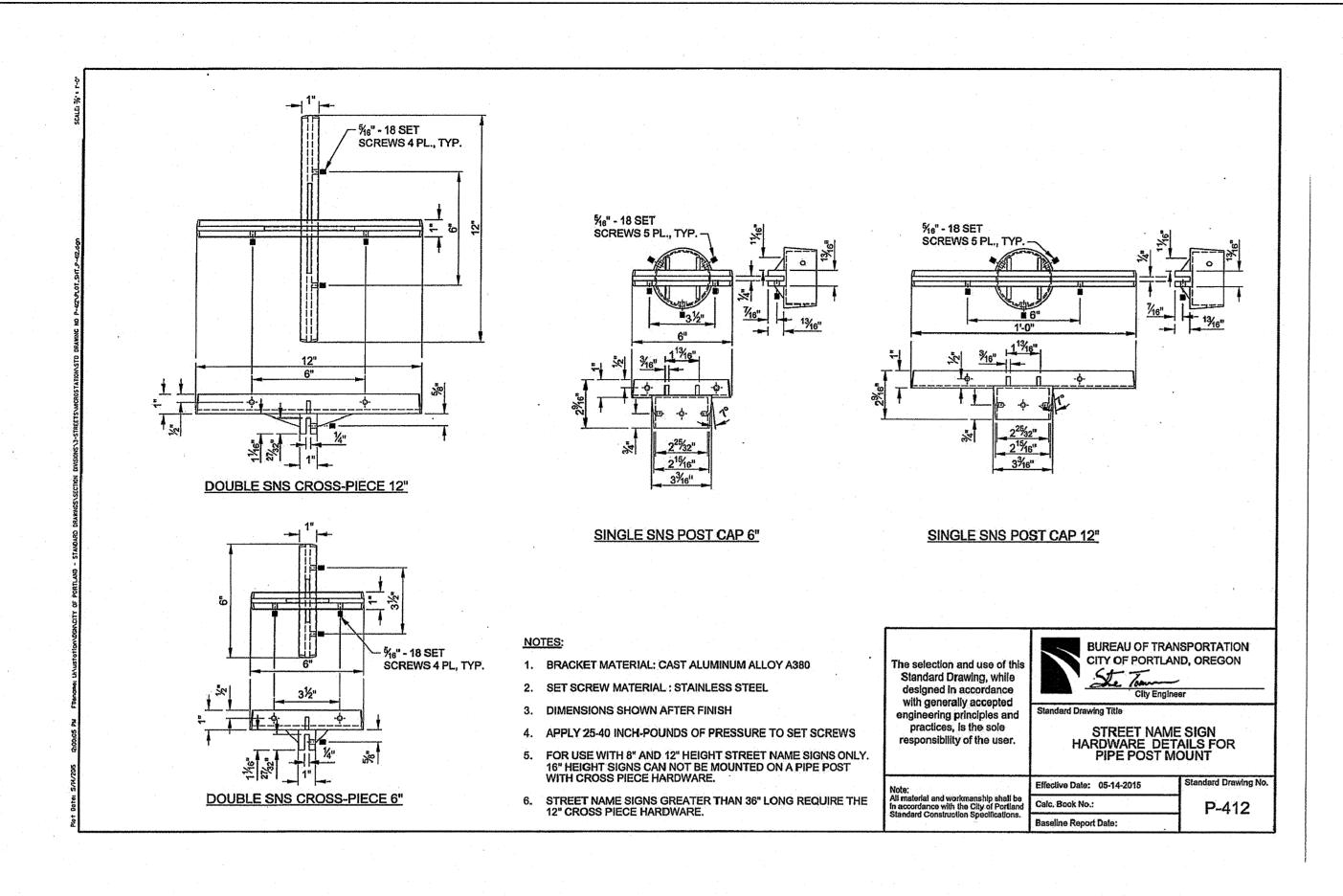
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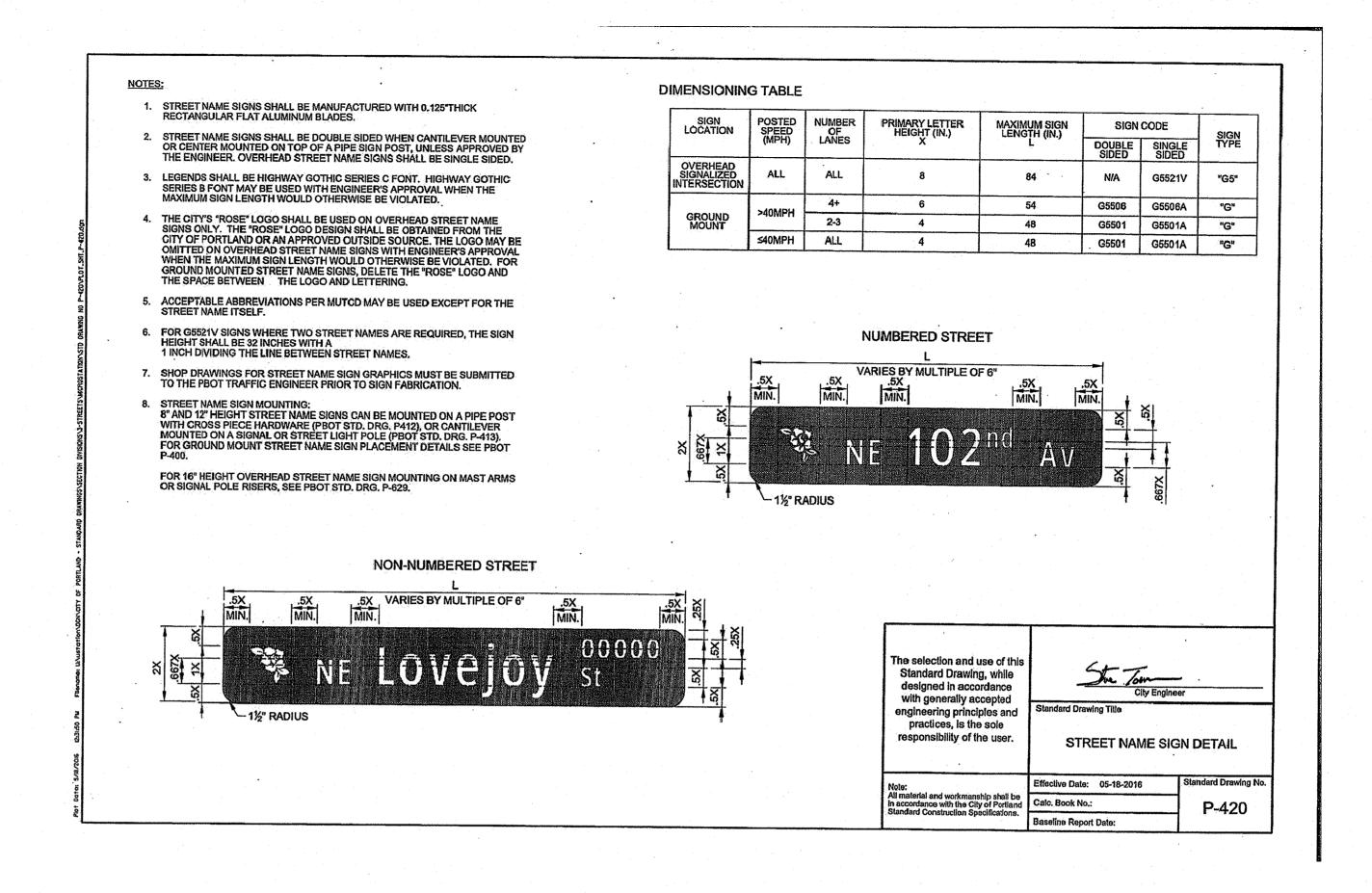


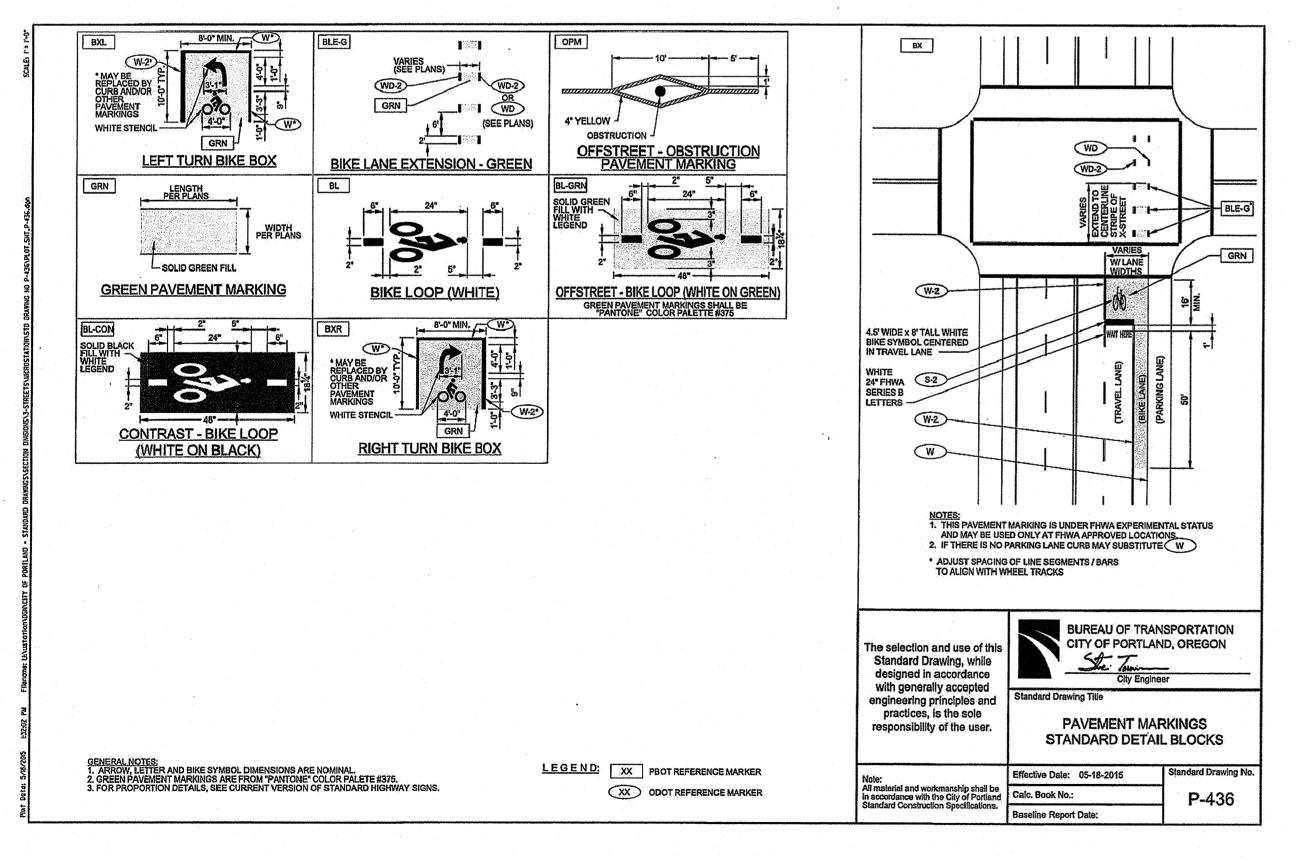
FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

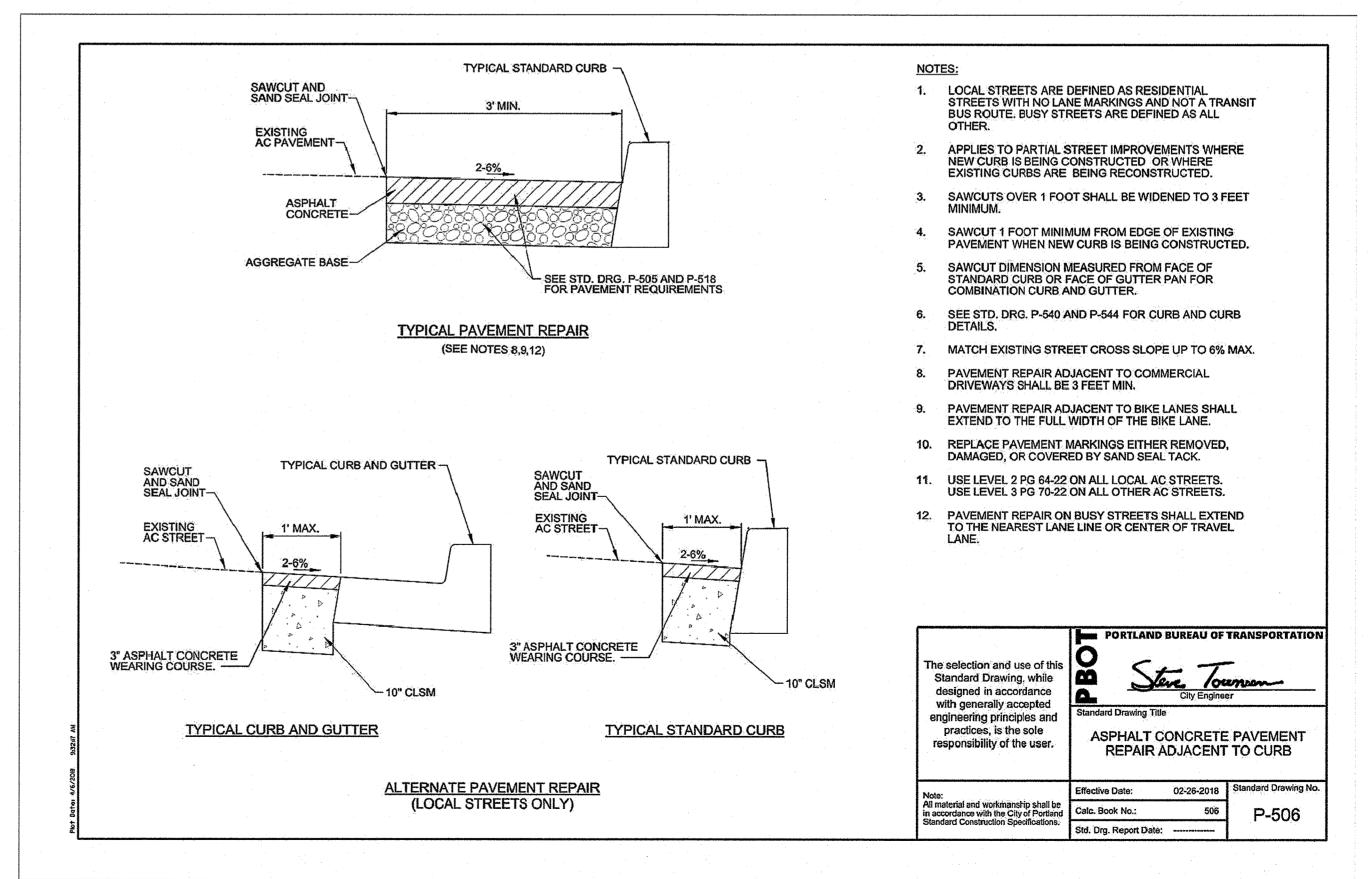
STANDARD DETAILS

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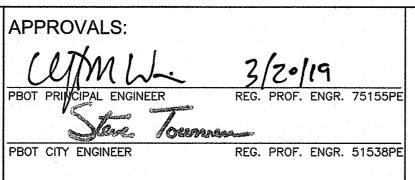






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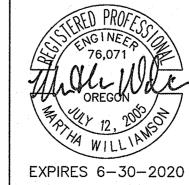
PORTLAND BUREAU OF TRANSPORTATION

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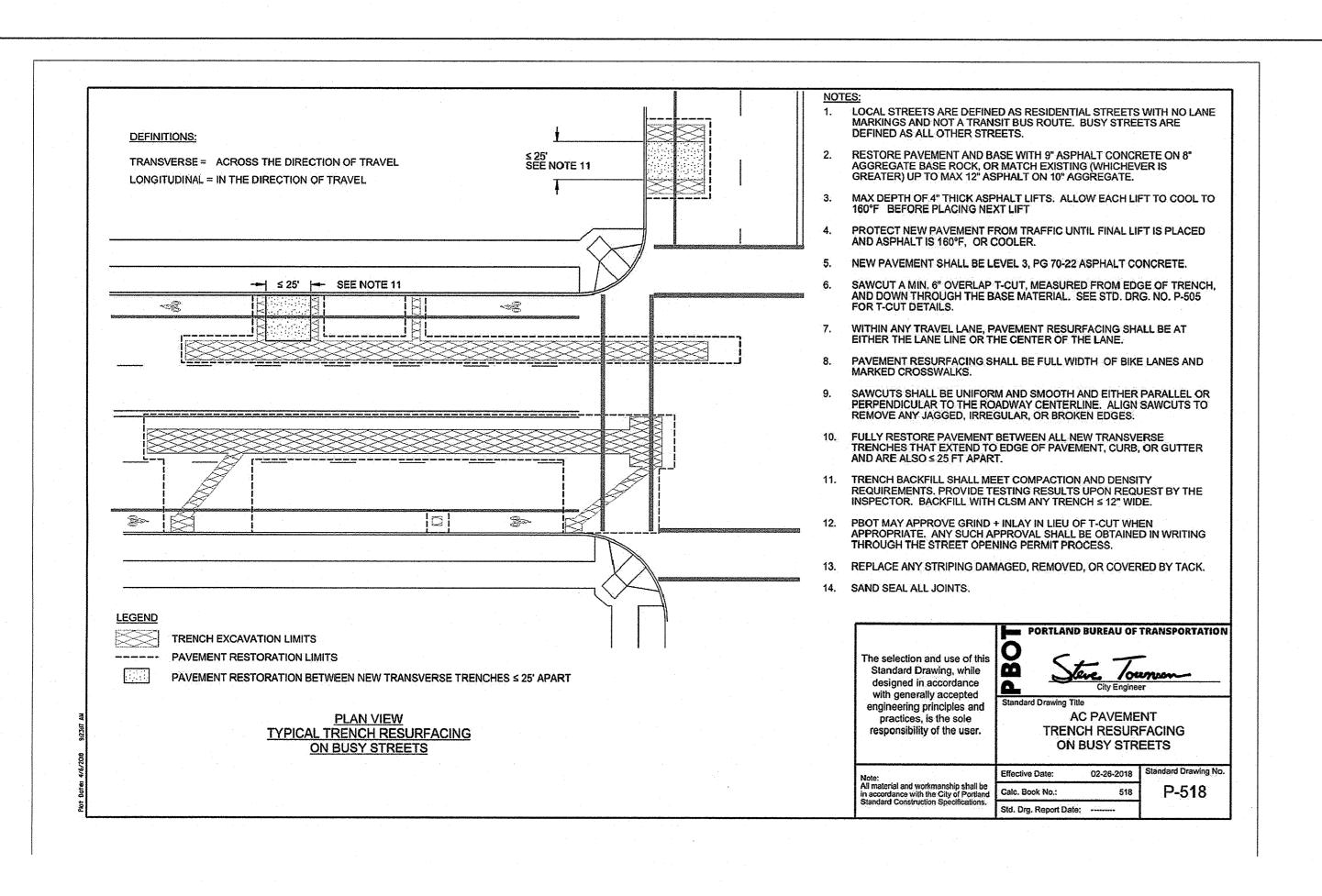
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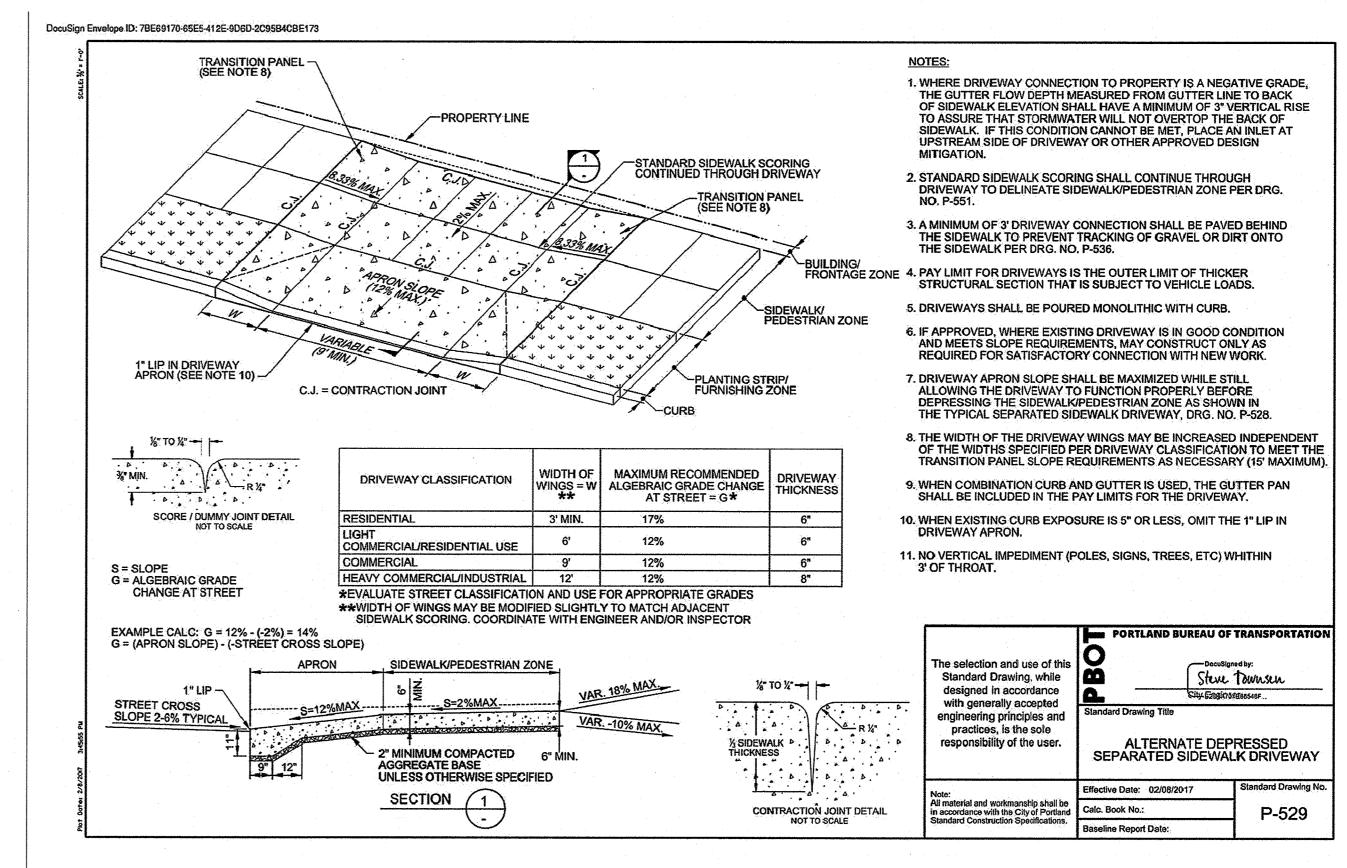


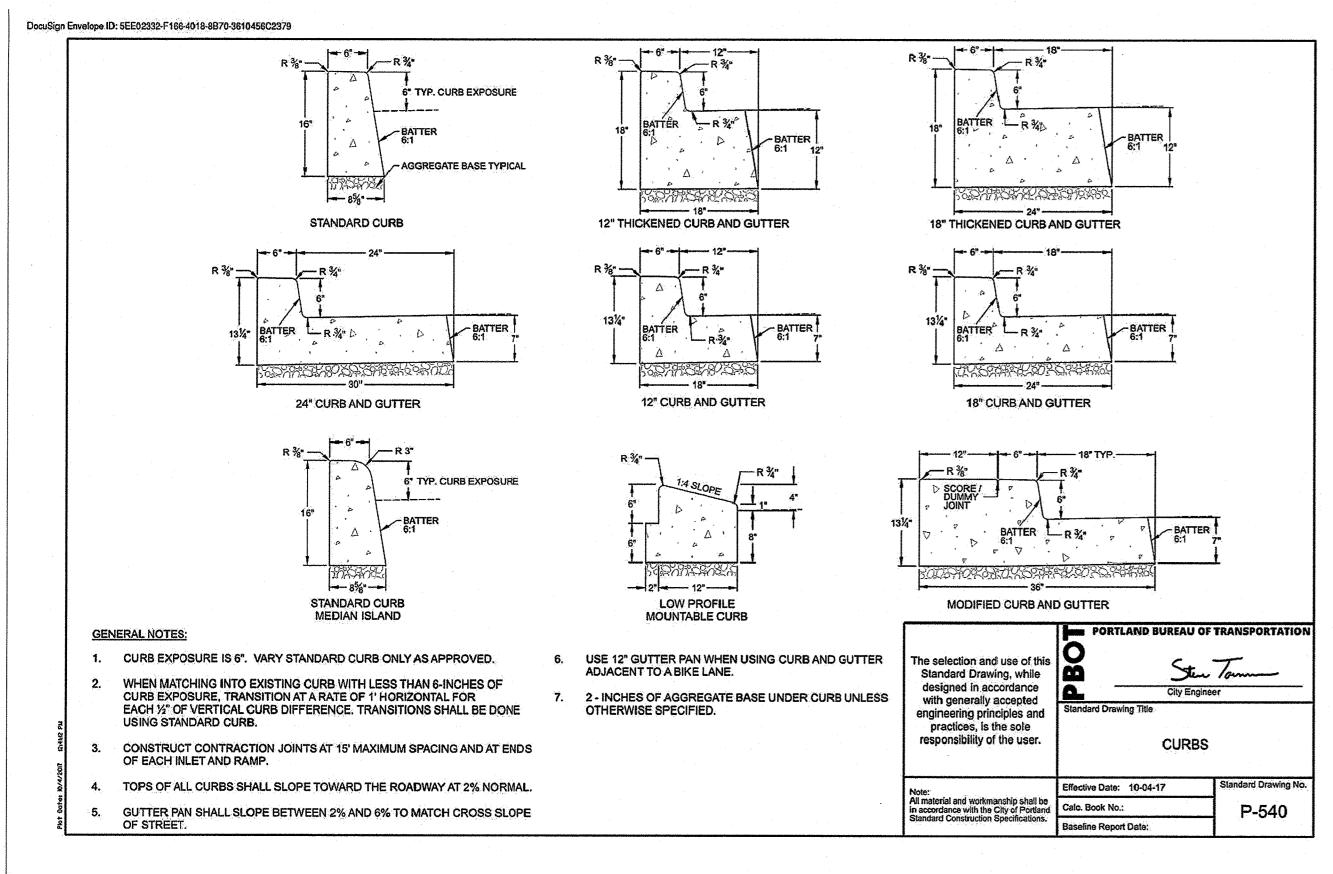
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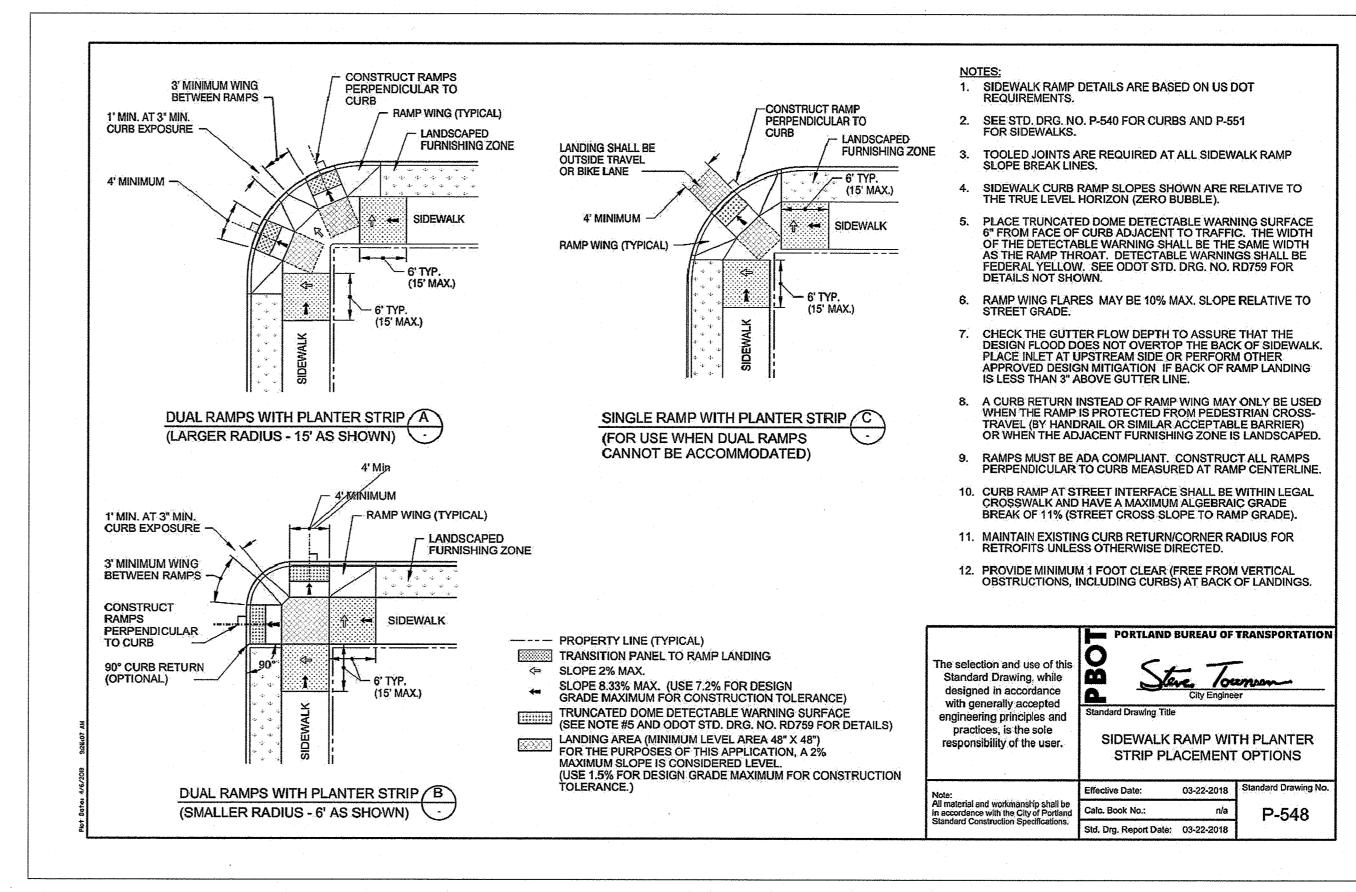
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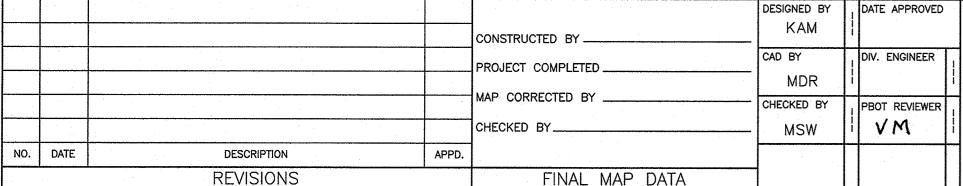
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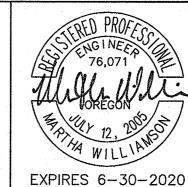
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CITY ENGINEER

CHLOE EUDALY COMMISSIONER STEVE TOWNSEN, P.E.



Humber Design

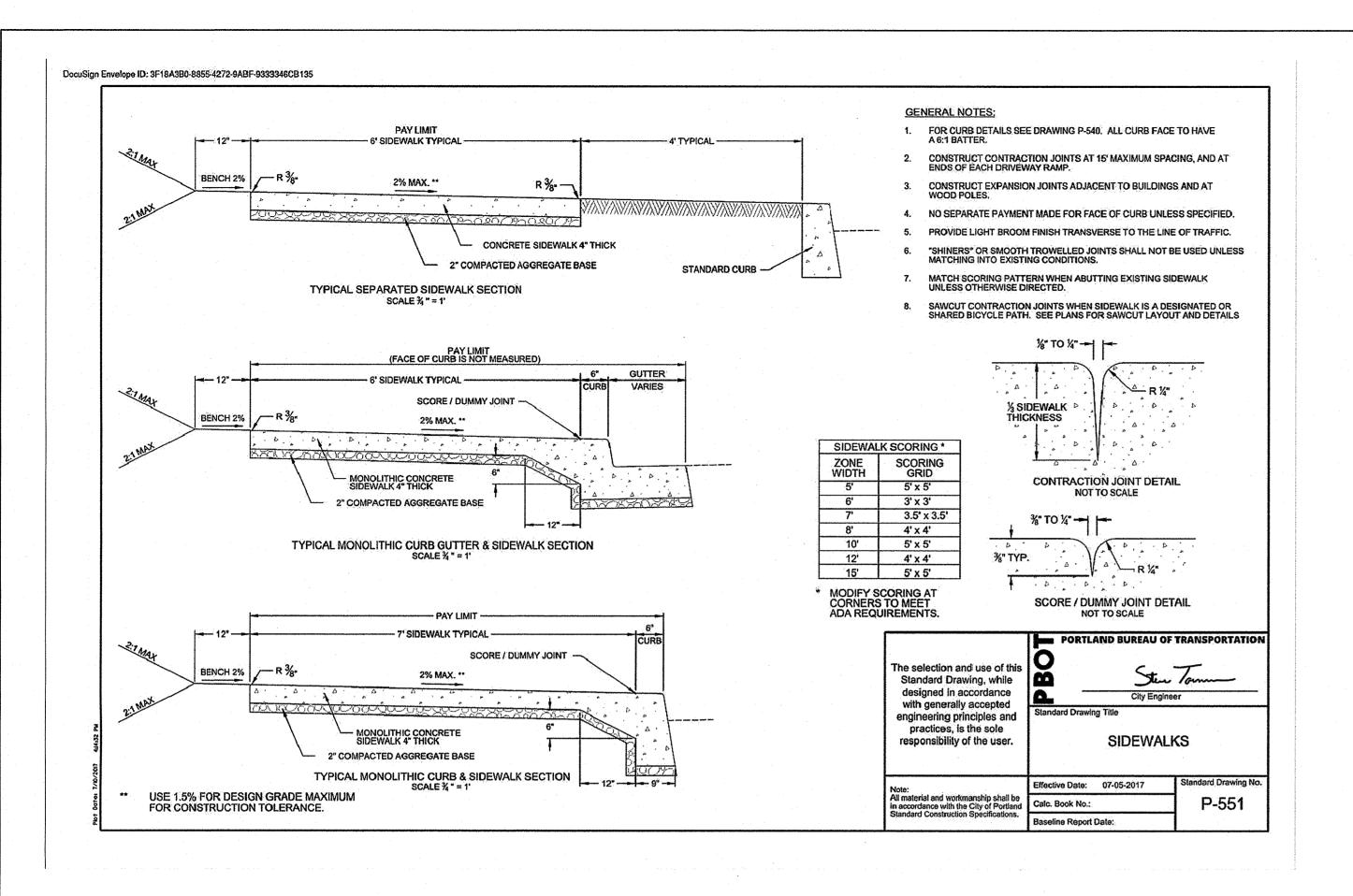


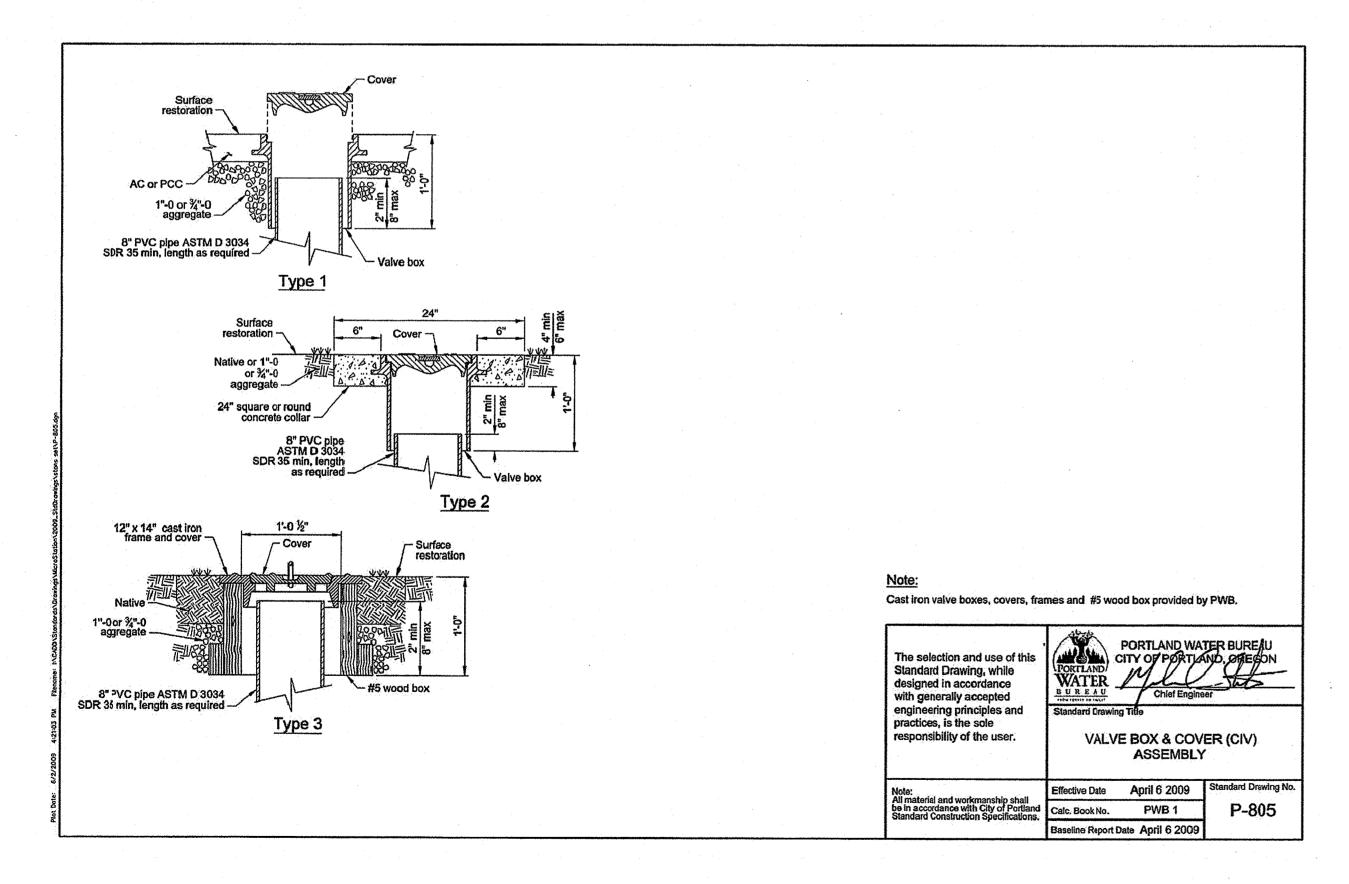
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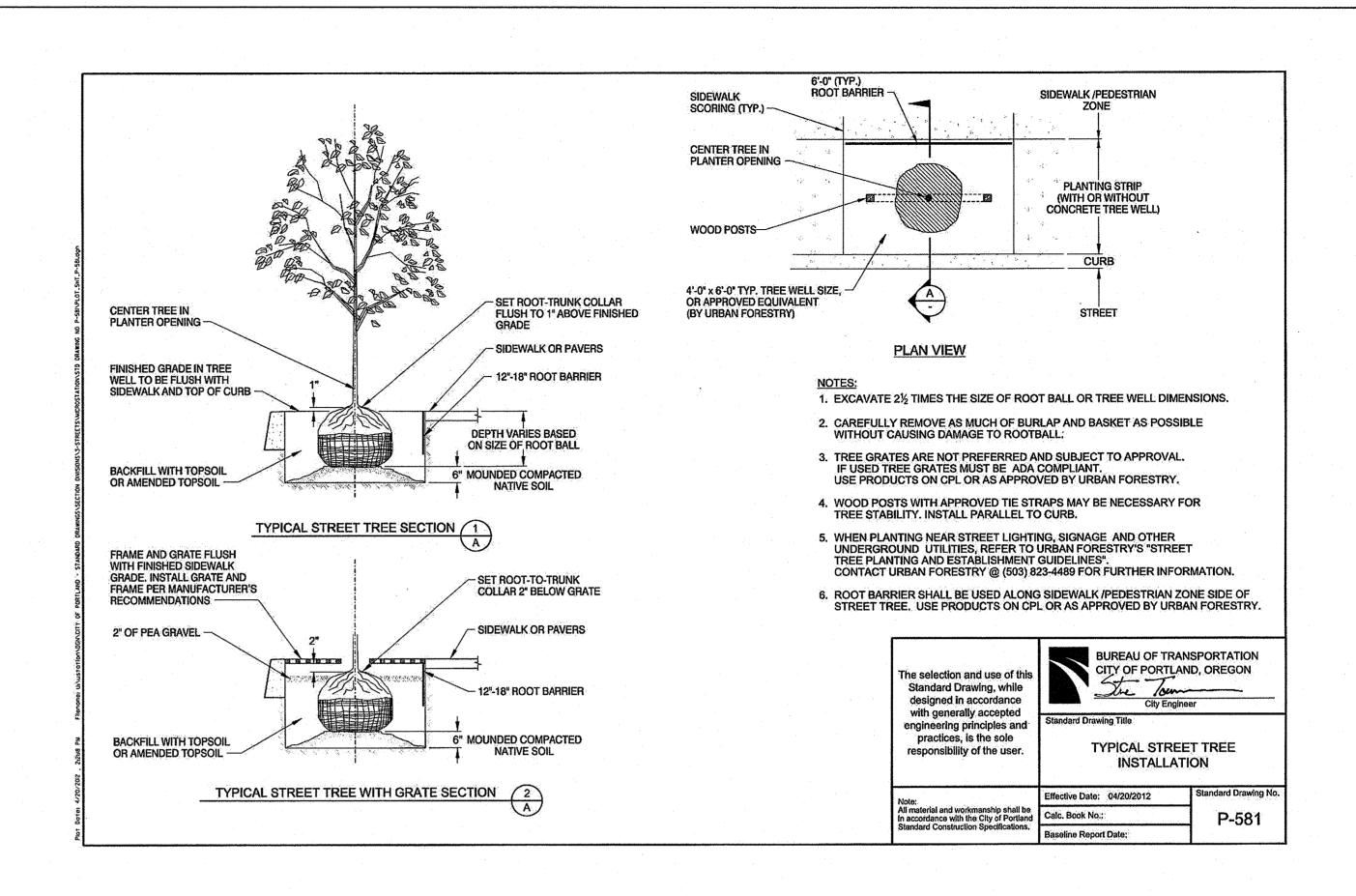
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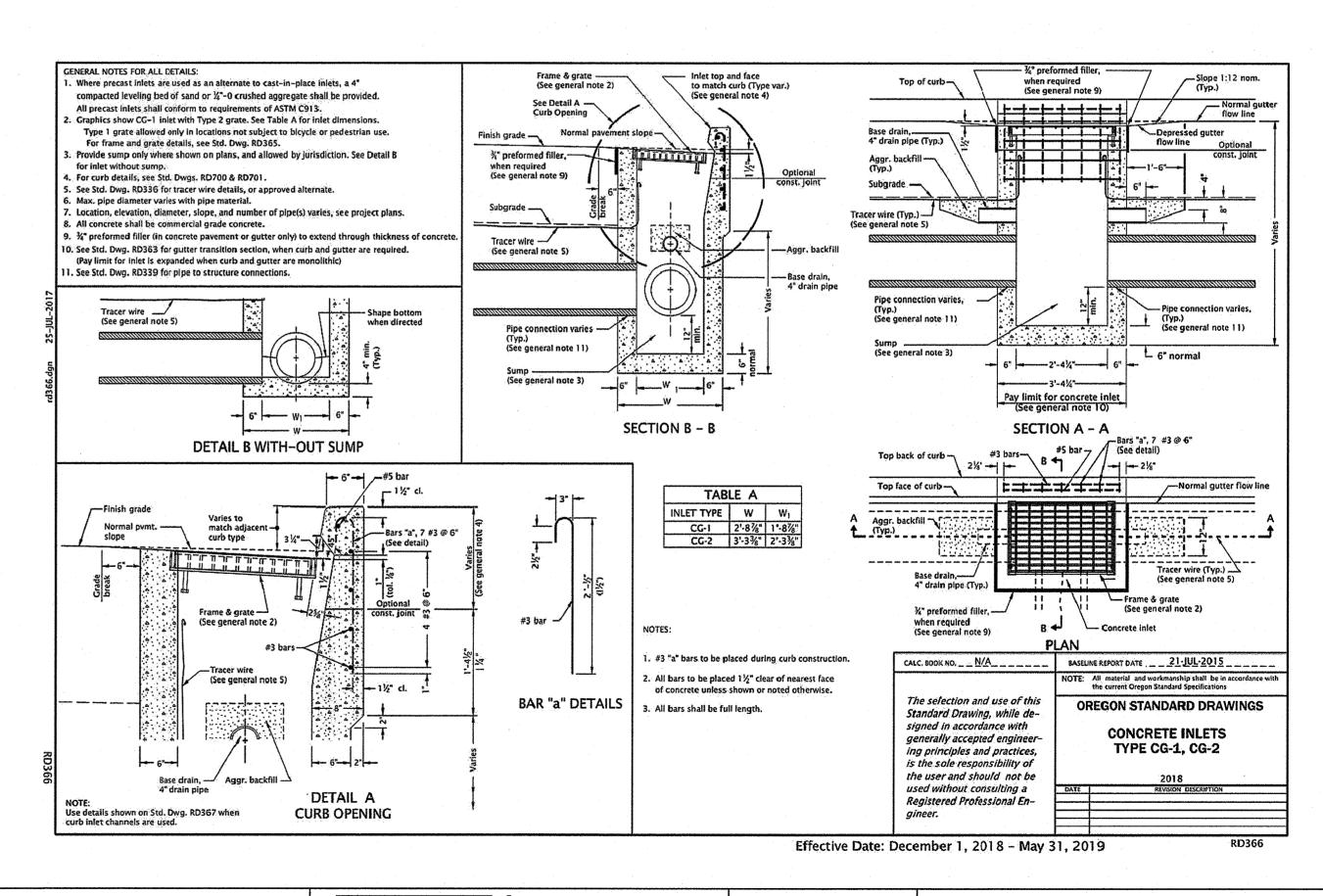
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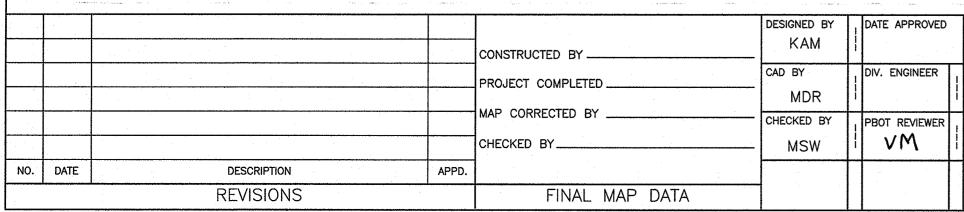
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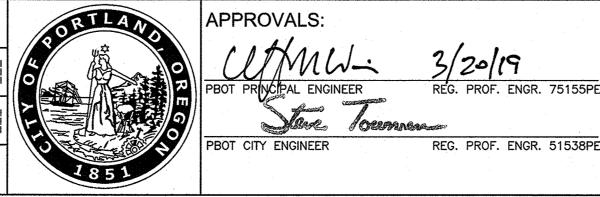












PORTLAND BUREAU OF TRANSPORTATION

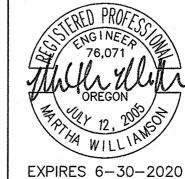
COMMISSIONER

CITY ENGINEER

CHLOE EUDALY
STEVE TOWNSEN, P.E.

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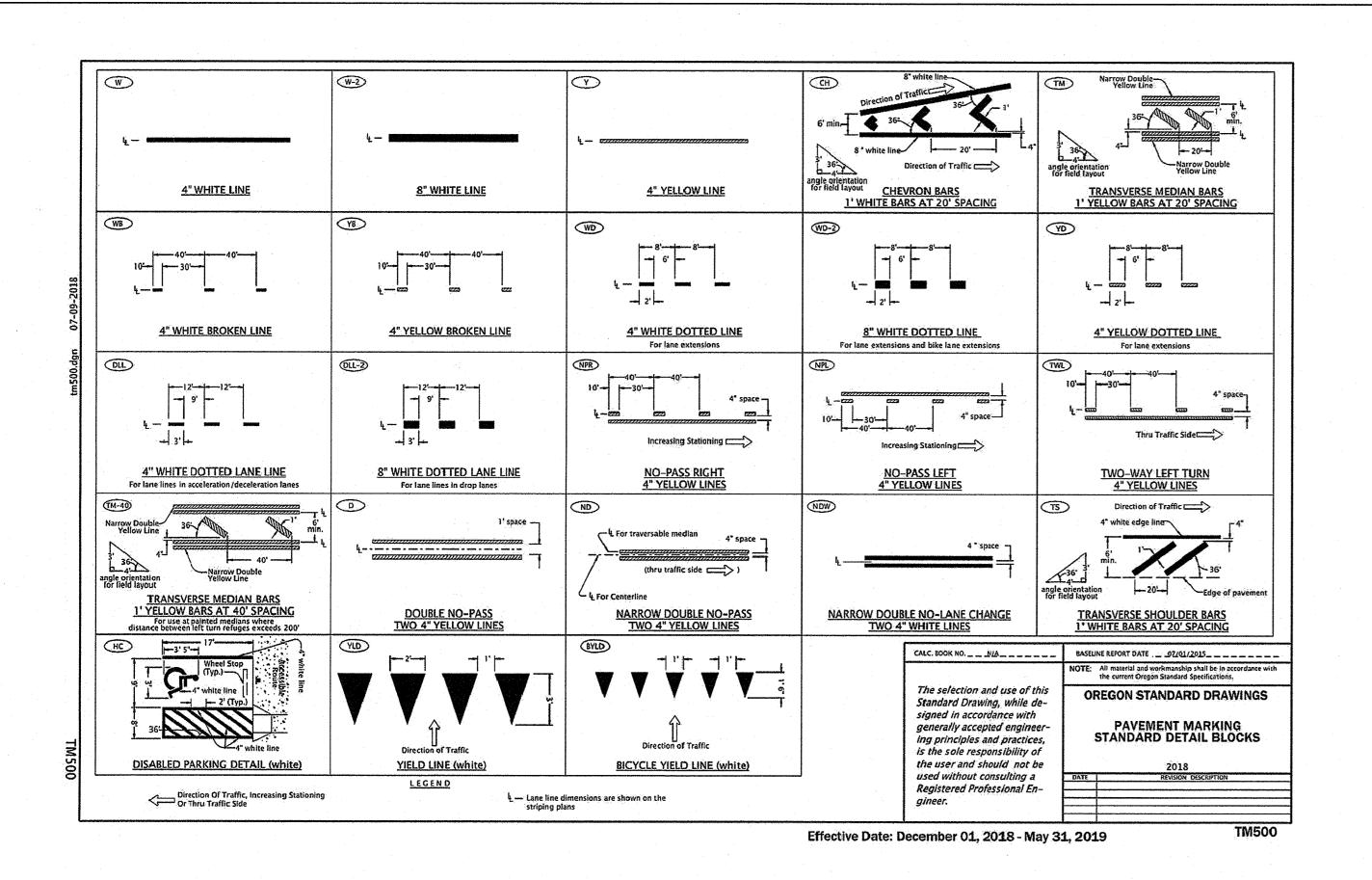
FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

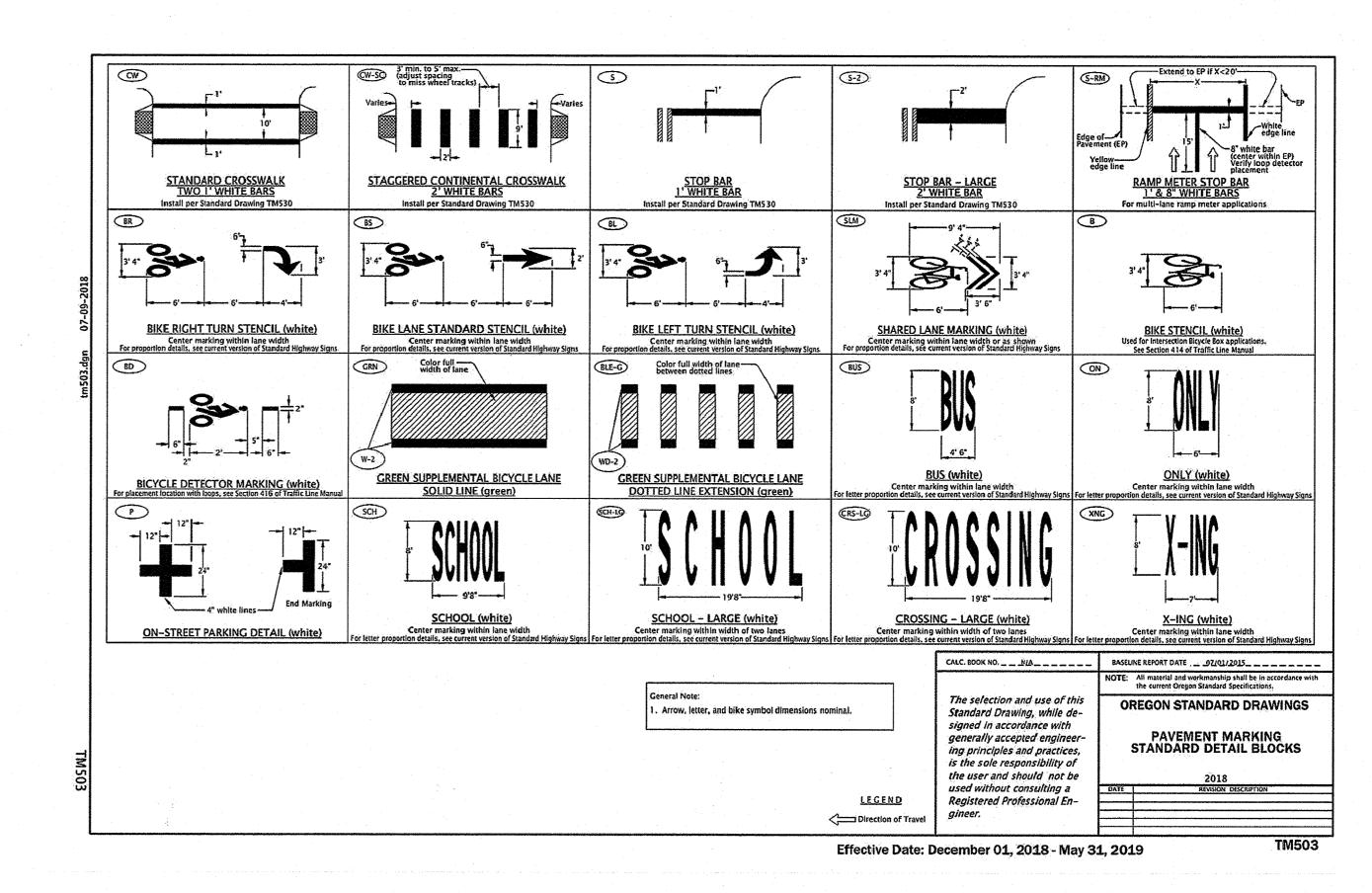
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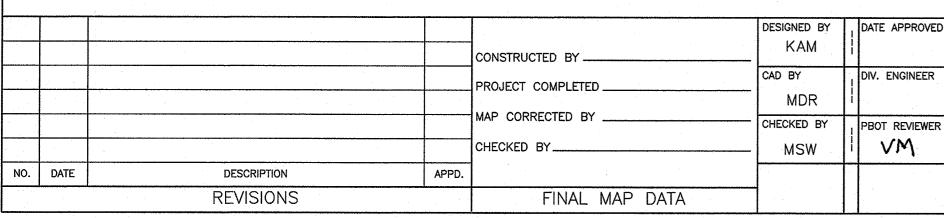
TH0742

SHEET NO.

STANDARD DETAILS









APPROVALS: BOT CITY ENGINEER REG. PROF. ENGR. 51538PE

PORTLAND **BUREAU OF TRANSPORTATION**

CHLOE EUDALY COMMISSIONER STEVE TOWNSEN, P.E. CITY ENGINEER



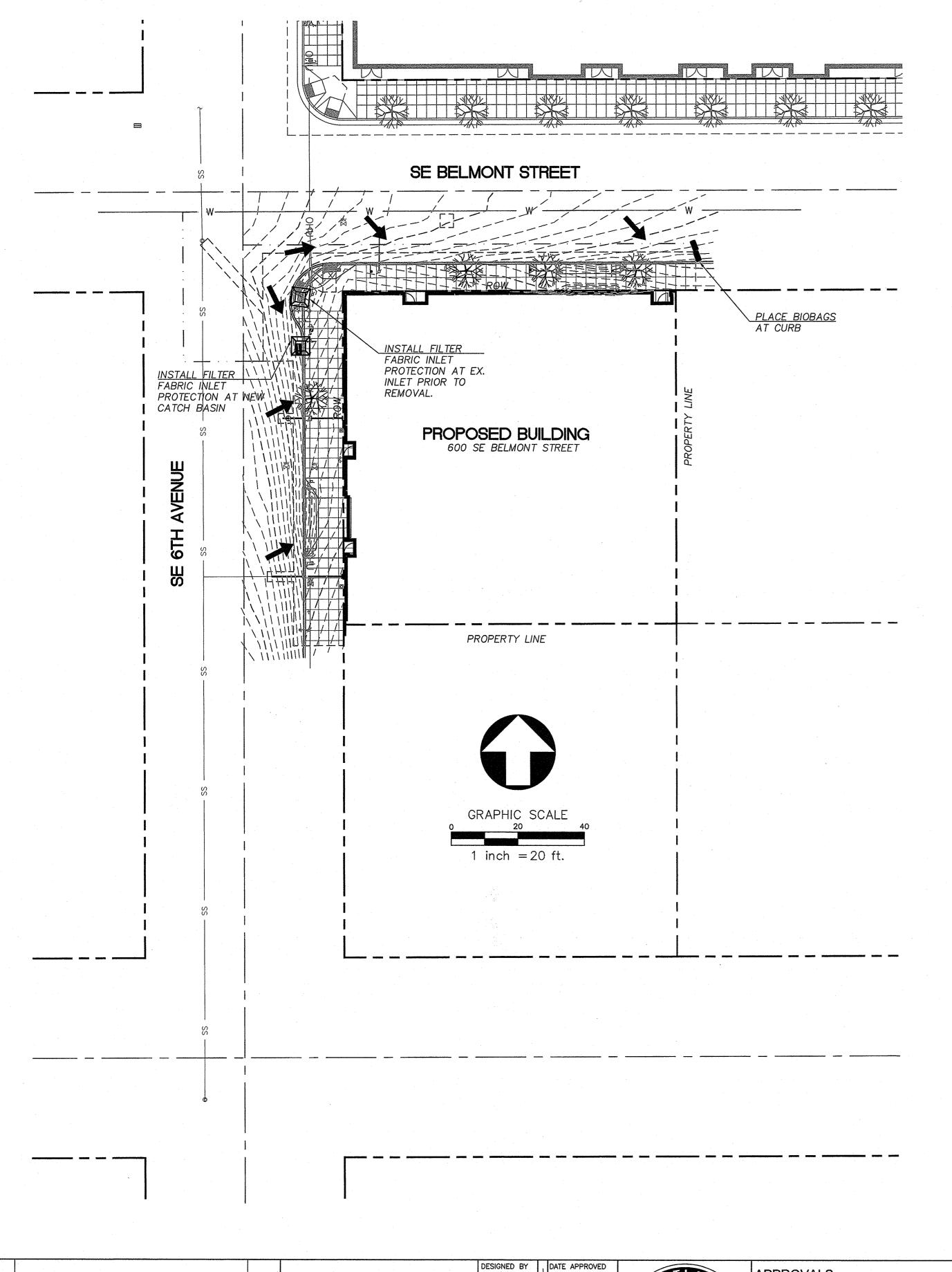
Humber Design Group, Inc.

EXPIRES 6-30-2020

FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

PBOT JOB NO. TH0742 SHEET NO.

STANDARD DETAILS



EROSION CONTROL NOTES

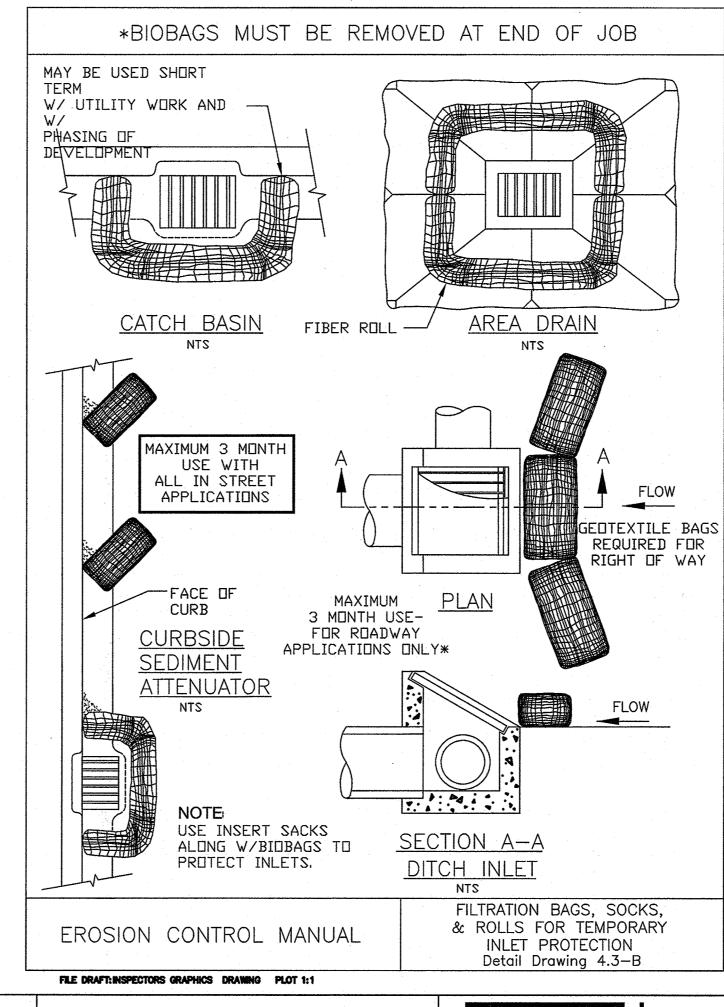
- 1. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROL DURING CONSTRUCTION (ANY TIME OF THE YEAR) PER THE CITY OF PORTLAND'S "EROSION CONTROL MANUAL" DATED MARCH, 2008.
- 2. APPROVAL OF THIS EROSION SEDIMENTATION AND POLLUTION CONTROL (ESPCP) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- 3. THE IMPLEMENTATION OF THIS ESPCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESPCP FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, VEGETATION/LANDSCAPING IS ESTABLISHED.
- 4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- 5. THE ESPCP FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO ENTER THE DRAINAGE SYSTEM ROADWAYS OR VIOLATE APPLICABLE WATER STANDARDS.
- 6. THE ESPCP FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESPCP FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
- 7. THE ESPCP FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 8. THE ESPCP FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A WEEK OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
- 9. ALL EXPOSED SOILS SHALL BE PROTECTED FROM EROSION.
- 10. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 11. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 12. APPLICANT/CONTRACTOR TO PUT UP ALL REQUIRED EROSION CONTROL SIGNAGE PRIOR TO GROUND DISTURBANCE. A CD WITH ALL REQUIRED EROSION CONTROL SIGNS WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING.

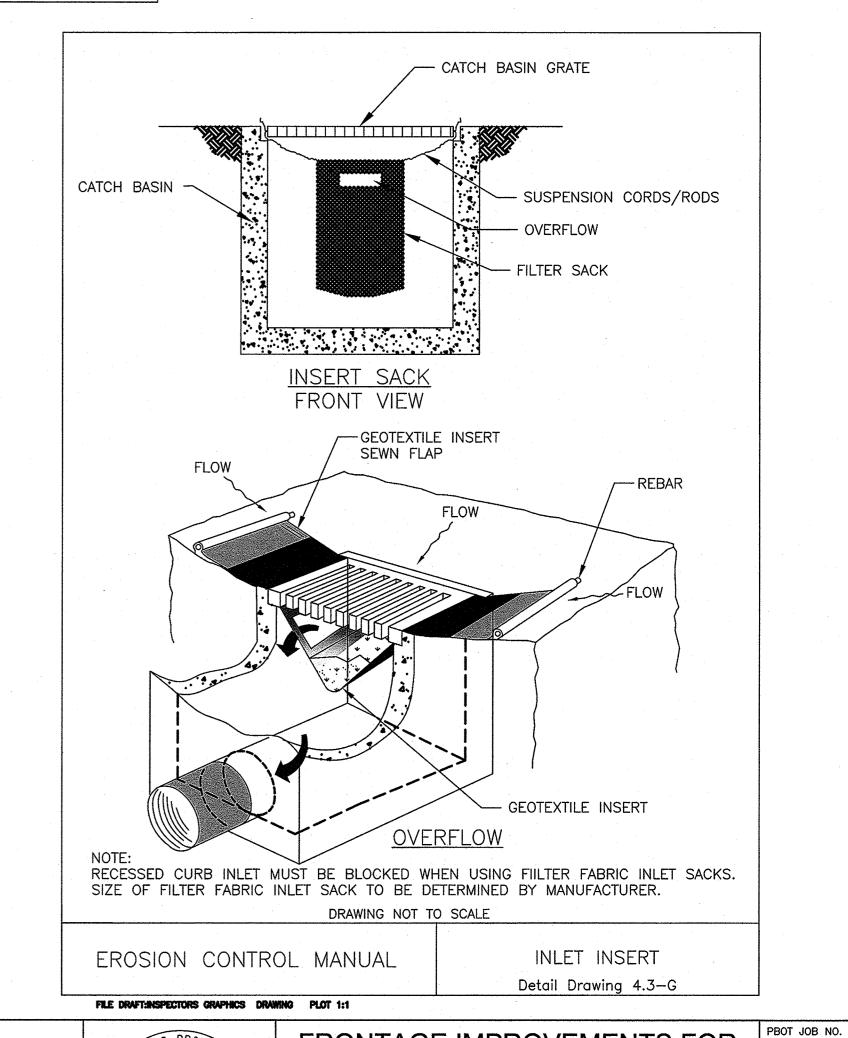
SHEET LEGEND								
ITEM	DESCRIPTION							
	FILTER FABRIC INLET PROTECTION							
+	DRAINAGE FLOW DIRECTION							
— — 142 — — —	EXISTING CONTOUR							
	BIOBAG							

24 HOUR EMERGENCY CONTACT

NAME: RANDY FORTISH, DEACON CONSTRUCTION

PHONE: (503)-709-2088





						DESIGNED BY	DATE APPROVED
					CONSTRUCTED BY	KAM	<u> </u>
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NO.	DATE	DESCRIPTION		APPD.			
		REVISIONS			FINAL MAP DATA		



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FRONTAGE IMPROVEMENTS FOR SE BELMONT STREET & SE 6TH AVENUE

SHEET NO.

EROSION CONTROL PLAN

EC-01

TH0742