

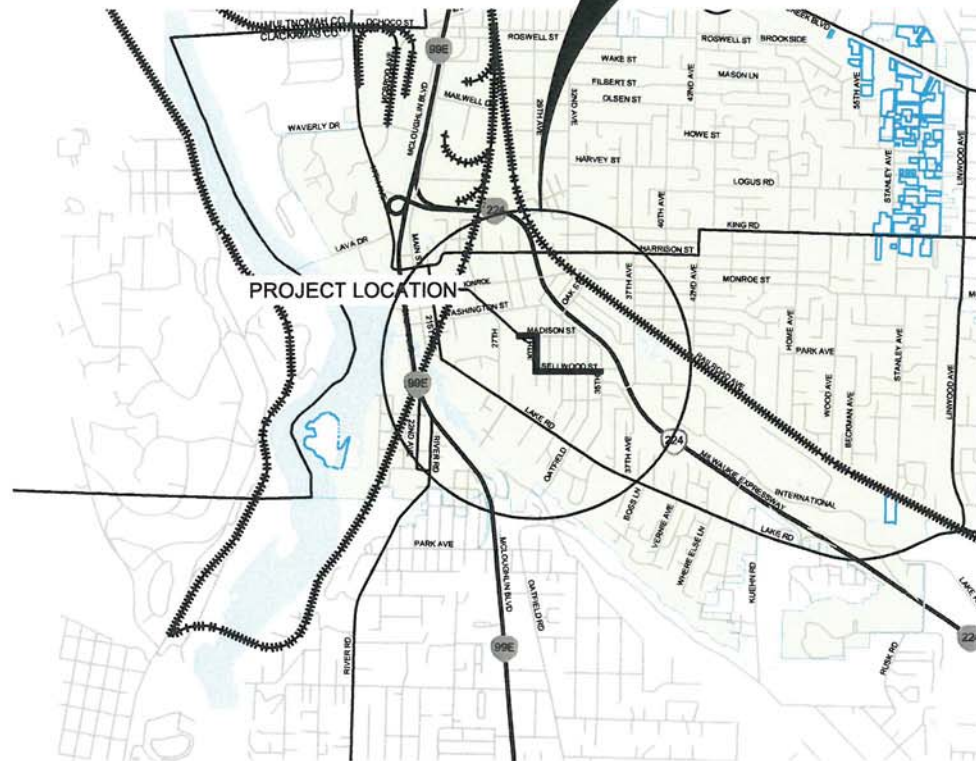
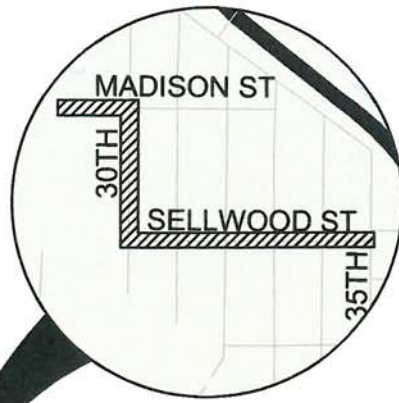
CITY OF MILWAUKIE, OREGON

SELLWOOD / 30TH AVE. / MADISON SAFE PROJECT

CIP2018-T41



CITY OF MILWAUKIE
ENGINEERING DEPARTMENT
 6101 SE JOHNSON CREEK BLVD
 MILWAUKIE, OR 97206
 PHONE (503) 786-7600
 FAX (503) 774-8236



PROJECT MAP
 Scale: N.T.S.

PROJECT DESCRIPTION
 THIS PROJECT WILL CONSIST OF FILLING IN SIDEWALK GAPS AND REPLACING PORTIONS OF EXISTING SIDEWALK ALONG MADISON STREET, PORTIONS OF 30TH AVENUE, AND SELLWOOD STREET. ALSO, THE PROJECT AIMS TO UPGRADE 25 EXISTING CURB RAMPS ALONG SELLWOOD AND MADISON STREETS. UPGRADING THE CURB RAMPS WILL INCLUDE CONCRETE CURB REMOVAL AND REPLACEMENT, CONCRETE SIDEWALK REMOVAL AND REPLACEMENT, INSTALLATION OF ADA-COMPLIANT TACTILE WARNING PAD, AND OTHER INCIDENTAL WORK REQUIRED TO COMPLETE THE WORK.

PROJECT MANAGER
 Name: Jennifer Garbely, PE
 Title: Assistant City Engineer
 Phone Number: 503-786-7534
 Email Address: GarbelyJ@milwaukieoregon.gov

PROJECT DESIGN LEAD
 NAME: Tessie Prentice
 PHONE NUMBER: 503-786-7548
 EMAIL ADDRESS: PrenticeT@milwaukieoregon.gov

MILWAUKIE OPERATIONS
 Name: Emergency On-Call
 Phone Number: 503-348-8833

PORTLAND GENERAL ELECTRIC
 Contact Name: Todd Jones
 Phone Number (Emergency): 503-464-7777
 Phone Number (Service): 503-736-5404
 Cell Number: 503-523-7131

NORTHWEST NATURAL
 Contact Name: Nina Carlson
 Phone Number: 503-226-4211

CENTURY LINK
 Contact Name: Scott Miller
 Phone Number: 503-242-4144
 Cell Number: 503-754-7289

COMCAST
 Contact Name: Chad Vaughn
 Phone Number: 503-813-0484
 Cell Number: 971-801-5813

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AVE	AVENUE
BMP	BEST MANAGEMENT PRACTICE
DEQ	OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
DTL	DETAIL
ESC	EROSION AND SEDIMENT CONTROL
F/C	FACE OF CURB
BES	BUREAU OF ENVIRONMENTAL SERVICES
OSD	OREGON STANDARD DRAWING
OSSC	OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION
RD	OREGON STANDARD DRAWING ROADWAY SECTION
R/W	RIGHT-OF-WAY
SHT	SHEET
ST	STREET
SW	STORMWATER
TM	OREGON STANDARD DRAWING TRAFFIC SECTION

SHEET INDEX	
SHEET NO	DESCRIPTION
CV01	COVER SHEET
CV02	NOTES SHEET
SHEET 1 OF 6	SURVEY - BY OTHERS
SHEET 2 OF 6	SURVEY - BY OTHERS
SHEET 3 OF 6	SURVEY - BY OTHERS
SHEET 4 OF 6	SURVEY - BY OTHERS
SHEET 5 OF 6	SURVEY - BY OTHERS
SHEET 6 OF 6	SURVEY - BY OTHERS
TR01	TRAFFIC CONTROL PLAN
TR02	TRAFFIC CONTROL PLAN
EC01	EROSION & SEDIMENT CONTROL PLAN COVER SHEET
EC02	EROSION & SEDIMENT CONTROL PLAN NOTES
EC03	MADISON STREET EROSION & SEDIMENT CONTROL PLAN
EC04	30TH AVENUE & SELLWOOD STREET EROSION & SEDIMENT CONTROL PLAN
EC05	SELLWOOD STREET EROSION & SEDIMENT CONTROL PLAN
EC06	EROSION & SEDIMENT CONTROL DETAILS
DP01	DEMOLITION PLAN - MADISON STREET
DP02	DEMOLITION PLAN - 30TH AVENUE
DP03	DEMOLITION PLAN - 30TH AVENUE
DP04	DEMOLITION PLAN - SELLWOOD STREET
DP05	DEMOLITION PLAN - SELLWOOD STREET
DP06	DEMOLITION PLAN - SELLWOOD STREET
CP01	CONSTRUCTION PLAN - MADISON STREET
CP02	CONSTRUCTION PLAN - 30TH AVENUE
CP03	CONSTRUCTION PLAN - 30TH AVENUE
CP04	CONSTRUCTION PLAN - SELLWOOD STREET
CP05	CONSTRUCTION PLAN - SELLWOOD STREET
CP06	CONSTRUCTION PLAN - SELLWOOD STREET
SN01	SIGNING AND MARKING PLAN
SN02	SIGNING AND MARKING PLAN
LS01	LANDSCAPE PLAN
XS01	TYPICAL SECTIONS - MADISON STREET & 30TH AVENUE
XS02	TYPICAL SECTIONS - SELLWOOD STREET
DT01	CONSTRUCTION DETAILS
DT02	CONSTRUCTION DETAILS
DT03	CONSTRUCTION DETAILS
DT04	CONSTRUCTION DETAILS
DT05	CONSTRUCTION DETAILS

Oregon law requires contractors to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through 952-001-0090. Contractors may obtain copies of the rules by calling the Oregon Utility Notification Center at 503-232-1987.



NO.	DATE	BY	REVISIONS

TP DESIGNED	6/12/2018	DATE
TP DRAFTED	9/12/2018	DATE
JG CHECKED	10/3/2018	DATE
CE APPROVED	10/1/2018	DATE



CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
 MILWAUKIE, OR 97206

PHONE: 503-786-7600
 FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

COVER SHEET

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: CV01

GENERAL REQUIREMENTS NOTES

1. THE LOCATION AND DESCRIPTION OF UTILITIES SHOWN ARE COMPILED FROM AVAILABLE RECORDS AND FIELD SURVEYS. THE CITY AND UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY NOR THE COMPLETENESS OF SUCH RECORDS.
2. THE CONTRACTOR SHALL TAKE NO ADVANTAGE OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES IN THE PLANS. WHEN ERRORS, OMISSIONS, OR DISCREPANCIES ARE FOUND, PROJECT DESIGNER SHALL BE NOTIFIED. WORK PERFORMED BY THE CONTRACTOR AS A RESULT OF THE ERROR, OMISSION, OR DISCREPANCY IN THE PLANS SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE WHEN SUCH ERROR, OMISSION, OR DISCREPANCY HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE PROJECT DESIGNER.
3. THE CONTRACTOR SHALL HAVE AT ALL TIMES ON-SITE, THE APPROVED CONSTRUCTION PLANS & SPECIAL SPECIFICATIONS, CITY OF MILWAUKIE STANDARD SPECIFICATIONS & STANDARD PLANS, AND ALL OTHER APPLICABLE SPECIFICATIONS BOOKS AND MANUALS.
4. CONTRACTOR SHALL COMPLY WITH THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, IN ITS ENTIRETY.
5. THE CONTRACTOR SHALL REMOVE ALL MATERIALS EXCAVATED FROM WORK IN THE RIGHT-OF-WAY AND DISPOSE AT A PROPER LANDFILL.
6. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF MILWAUKIE ENGINEERING DEPARTMENT PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL PROVIDE TWO (2) WEEKS NOTICE TO SCHEDULE A PRE-CONSTRUCTION MEETING.
7. CONTRACTOR SHALL CALL OREGON E-PERMITTING INSPECTION LINE AT 1-(888) 299-2821 AT LEAST 24-HOURS IN ADVANCE TO SCHEDULE INSPECTION FOR THE FOLLOWING WORK:
 - PUBLIC UTILITY EXCAVATION
 - STORM FACILITY STRUCTURES - INSTALLATION AND FORMS
 - STORM FACILITY BACKFILL
 - STORM FACILITY PLANTINGS
 - PUBLIC UTILITY INSTALLATION
 - PUBLIC UTILITY CONNECTIONS
 - STREET SUB-GRADE
 - STREET BASE AGGREGATE
 - STREET PAVEMENT INSTALLATION
 - CURB & SIDEWALK FORMS
 - FINAL INSPECTION
 - PUBLIC UTILITY TESTING
8. ANY LANDSCAPING/TREES DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED IN CONFORMANCE WITH THE CITY OF MILWAUKIE STANDARDS.
9. CONTRACTOR SHALL NOT USE THE PUBLIC RIGHT OF WAY FOR STORAGE OF EQUIPMENT, MATERIALS, CONSTRUCTION TRAILERS, AND CONSTRUCTION VEHICLES UNLESS OTHERWISE APPROVED.
10. IT IS THE OBLIGATION OF THE CONTRACTOR TO OBTAIN WRITTEN APPROVAL FROM PRIVATE PROPERTY OWNERS FOR USE OF PRIVATE PROPERTY FOR CONSTRUCTION STAGING AND TO RESTORE PRIVATE PROPERTY TO A CONDITION SATISFACTORY TO PROPERTY OWNER UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE A COPY OF ALL AGREEMENTS SIGNED WITH PRIVATE PROPERTY OWNERS.
11. PRIOR TO FINAL ACCEPTANCE AND FINAL PAYMENT, CONTRACTOR SHALL SUBMIT AN APPROVED SET OF "AS CONSTRUCTED" DRAWINGS TO THE CITY OF MILWAUKIE ENGINEERING DEPARTMENT SHOWING ANY CHANGES FROM THE ORIGINAL PLAN. THE CONTRACTOR SHALL KEEP A COMPLETE SET OF "AS BUILTS" ON SITE THAT MUST BE KEPT UP TO DATE AT ALL TIMES AND AVAILABLE FOR CITY INSPECTION.
12. CONTRACTOR SHALL INSTALL, UTILIZE, AND MAINTAIN EROSION PREVENTION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH THE EROSION PREVENTION & SEDIMENT CONTROL NOTES AND DETAILS.

UTILITY NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THESE REQUIREMENTS ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0100. NOTIFICATION TO THE CENTER SHALL OCCUR AT LEAST TWO (2) BUSINESS DAYS AND NOT MORE THAN TEN (10) BUSINESS DAYS PRIOR TO AN EXCAVATION.
2. UTILITY LOCATIONS SHALL BE VERIFIED BY OREGON UTILITIES NOTIFICATION CENTER IMMEDIATELY PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING UTILITY LOCATE MARKINGS FOR THE DURATION OF THE PROJECT. AND SHALL BE RESPONSIBLE FOR LOCATING NEW UTILITIES PRIOR TO CITY ACCEPTANCE.
3. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. THE UTILITY OWNER SHALL BE NOTIFIED IN THE EVENT OF DAMAGE. REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
4. FOR ANY EXISTING UNDERGROUND UTILITY CONFLICTING WITH THE PROPOSED WORK DESCRIBED HEREIN, CONTRACTOR SHALL NOTIFY CITY STAFF OF THE CONFLICTS.
5. UTILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION AND COORDINATION PURPOSES ONLY AND ARE NOT AUTHORIZED FOR INSTALLATION UNDER THE PUBLIC STREET IMPROVEMENT PERMIT, UTILITY COMPANIES ARE REQUIRED TO SECURE SEPARATE UTILITY PERMITS FROM THE CITY FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
6. UTILITIES OR INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. ABANDONED UTILITIES SHALL BE VERIFIED BY CITY STAFF PRIOR TO REMOVAL. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES WITH CONCRETE A MINIMUM OF TWO (2) FEET INTO THE PIPE.
7. ALL UTILITY CROSSINGS SHALL BE POTHOLED BY CONTRACTOR PRIOR TO EXCAVATION TO ALLOW FOR GRADE ADJUSTMENTS DUE TO ALIGNMENT CONFLICTS. THE USE OF BENDS TO AVOID ALIGNMENT CONFLICTS WILL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
8. EXISTING UTILITY SERVICES SHALL BE MAINTAINED AT ALL TIMES. WHEN SERVICE DISRUPTIONS ARE REQUIRED, CONTRACTOR SHALL NOTIFY AFFECTED BUSINESS OR RESIDENCE OF THE DATE AND DURATION OF THE DISRUPTION 48 HOURS IN ADVANCE OF THE DISRUPTION.
9. ALL UTILITY POINTS OF CONNECTION TO THE EXISTING SYSTEM SHALL BE POTHOLED PRIOR TO THE START OF NEW UTILITY INSTALLATION TO VERIFY ALIGNMENT, DEPTH, PIPE SIZE, AND PIPE MATERIAL. THE CONTRACTOR SHALL ARRANGE A PRE CONNECTION MEETING WITH THE CITY PRIOR TO THE START OF CONNECTION WORK.

STREET PAVEMENT NOTES

1. THE CONTRACTOR SHALL ADJUST ALL VALVE BOXES, MANHOLES AND WATER METERS TO FINISHED STREET, DRIVEWAY, OR SIDEWALK GRADE.
2. THE CONTRACTOR SHALL SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING PAVEMENT AND NEW PAVEMENT. SEAL ALL NEW PAVEMENT JOINTS WITH RUBBERIZED SEALANT.
3. ASPHALT CONCRETE SHALL BE COMPACTED TO OSSC STANDARDS.

PERMANENT SIGNAGE, MARKING AND STRIPING NOTES

1. CONTRACTOR SHALL NOT REMOVE ANY STREET SIGNAGE WITHOUT PRIOR CITY APPROVAL.
2. CONTRACTOR SHALL REPLACE DAMAGED SIGNS OR SIGN POLES.
3. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED PAVEMENT MARKINGS UPON COMPLETION OF FINAL PAVING.
4. CONTRACTOR SHALL REPLACE ANY WOODEN OR ROUND METAL SIGN POST IN THE PROJECT BOUNDARY WITH PERFORATED STEEL SQUARE TUBE (PSST) PER DETAIL OSD TM 681. POLES MOUNTED IN GROUND SHALL USE SLEEVES PER DETAIL TM 687.

CURB / SIDEWALK / DRIVEWAY NOTES

1. THE CONTRACTOR TO CONSTRUCT CURB, SIDEWALK, AND DRIVEWAYS IN ACCORDANCE WITH APPROVED OREGON STANDARD DRAWINGS.
2. CONTRACTOR TO PROTECT NEW CONCRETE FINISH. CONTRACTOR RESPONSIBLE FOR REMOVING, REPLACING, AND DISPOSING OF MATERIAL IF FINISH DOES NOT MEET ENGINEERING STANDARDS.

D
◆
C
◆
B
◆
A

NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE




CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

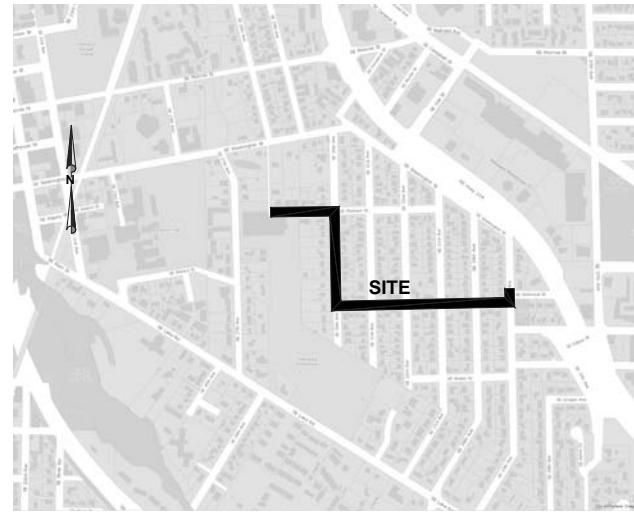
PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

NOTES SHEET

PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: CV02
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VICINITY MAP
NOT TO SCALE



LEGEND

- = FOUND MONUMENT AS NOTED
- ⊕ = FIRE HYDRANT
- ↓ = GUY ANCHOR
- ⊕ = GAS VALVE
- ⊕ = MAIL BOX
- ⊕ = PROJECT SCALE POINT
- ⊕ = STORM DRAIN MANHOLE
- ⊕ = SANITARY SEWER MANHOLE
- ⊕ = SIGN AS NOTED
- ⊕ = SWS SURVEY CONTROL POINT
- ⊕ = UTILITY POLE
- ⊕ = WATER METER
- ⊕ = WATER VALVE
- ⊕ = TELEPHONE JUNCTION BOX
- ⊕ = POWER METER
- ⊕ = CABLE JUNCTION BOX
- = YARD DRAIN
- = MAJOR CONTOUR LINE
- = MINOR CONTOUR LINE
- = CHAINLINK FENCE
- = RIGHT OF WAY—SURVEYED
- = WOOD FENCE
- = UNDERGROUND GAS LINE
- = UNDERGROUND POWER
- = UNDERGROUND STORMDRAIN LINE
- = UNDERGROUND SEWER LINE
- = UNDERGROUND WATER LINE
- = OVER—HEAD LINES
- = UNDERGROUND WATER LINE
- EP = EDGE OF PAVEMENT
- FL = FLOW LINE OF CURB
- I.E. = INVERT ELEVATION
- TC = TOP OF CURB

TREES

- TREES MEASURED AT BREAST HEIGHT(DBH)
- ⊕ = DECIDUOUS TREE
 - ⊕ = EVERGREEN TREE

SURFACES

- = ASPHALT SURFACE
- = CONCRETE SURFACE
- = GRAVEL SURFACE
- = BLOCK RETAINING WALL
- = CONCRETE RETAINING WALL
- = ROCK RETAINING WALL

NOTES

- 1) CONTOURS ARE AT 1' INTERVALS AND ARE COMPUTER GENERATED.
- 2) ALL MANHOLES WERE LOCATED AT CENTERLINE OF RIM.
- 3) UTILITIES SHOWN ON THE SURVEY HEREON WERE BASED UPON GROUND/VISUAL OBSERVATIONS OR AS MARKED ONLY. THERE MAY BE UTILITIES ON THE SITE THAT WERE NOT VISIBLE THEREFORE, THEY ARE NOT SHOWN. THE ACTUAL LOCATION OF THE UNDERGROUND UTILITIES MAY VARY.
- 4) DISTANCES IN THIS SURVEY ARE GROUND MEASURED
- 5) UTILITY LOCATES ARE PER TICKET NO. 18004827 AND 18004828
- 6) THIS IS NOT A BOUNDARY SURVEY. FOUND MONUMENTS HAVE NOT BEEN EVALUATED. LOCATION IS SHOWN IN MONUMENT TABLE.
- 7) PARCEL LINES AND DATA PER CLACKAMS COUNTY GIS

HORIZONTAL DATUM

NAD 83/2011 EPOCH 2010.0000 OREGON STATE PLANE
NORTH ZONE 3601 WITH UNITS INTERNATIONAL FEET
(DISTANCES SHOWN IN GROUND)

VERTICAL DATUM

NORTH AMERICAN VERTICAL DATUM OF 88
(NAVD88) (GEOID2012B)

SCALE FACTOR AND POSITION

AN AVERAGE POSITION FROM SURVEYED MEASUREMENTS WAS CALCULATED FOR THE TWO TOPOGRAPHIC SURVEY AREAS. POINT "AVERAGE" WAS HELD FOR THE GRID TO GROUND CONVERSION.

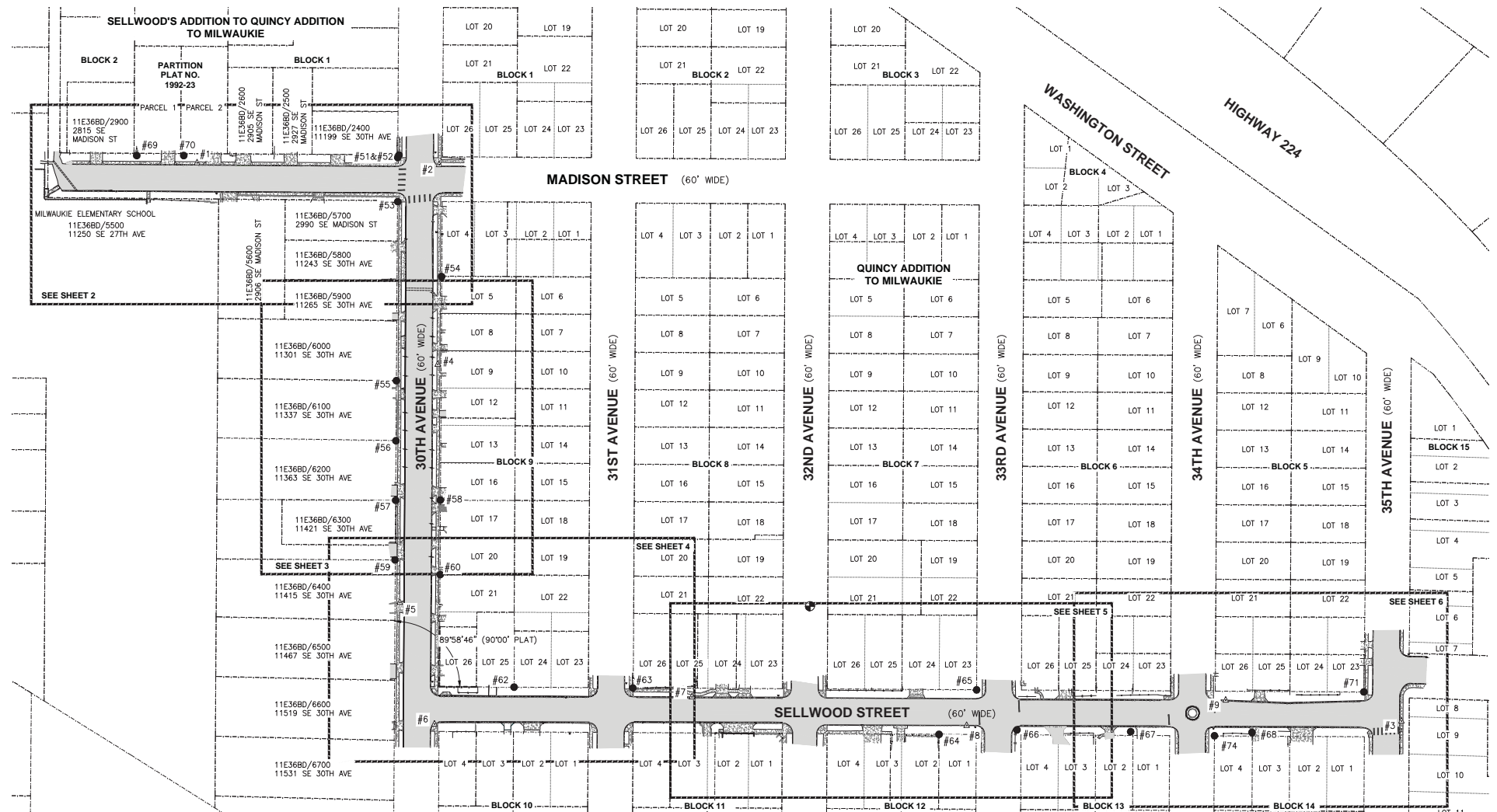
AVERAGE
N: 660248.213'
E: 7657028.725'
EL: 158.333'
N: 45°27'28.87382"
W: 122°37'28.29401"

COMBINED SCALE FACTOR: 1.0000966873 GRID TO GROUND
COMBINED SCALE FACTOR: 0.9999033220 GROUND TO GRID

SHEET INDEX

- SHEET 1 = INDEX, MONUMENTS, AND SURVEY CONTROL
- SHEET 2 = TOPOGRAPHY OF MADISON STREET AND 30TH AVENUE
- SHEET 3 = TOPOGRAPHY OF SE 30TH AVENUE
- SHEET 3 = TOPOGRAPHY OF SE 39TH AVENUE AND SELLWOOD STREET
- SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET
- SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET AND 35TH AVENUE

SCALE: 1" = 100'



MONUMENT TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION	ORIGIN
#51	654469.53	7654939.91	5/8" I.R.	SN 29287
#52	654469.39	7654939.82	1/2" I.P.	SN 29287, HELD
#53	654410.03	7654939.87	1/2" I.P.	SN 1345, EAST 0.40'
#54	654309.66	7654998.52	1/2" I.P.	SN 1345, WEST 0.34'
#55	654170.13	7654938.02	3/4" I.P.	UNKNOWN ORIGIN, HELD
#56	654089.60	7654937.37	1/2" I.P.	SN 29287, WEST 0.16'
#57	654009.79	7654937.06	1/2" I.P.	PP 2009-029, HELD
#58	654010.11	7654996.97	1/2" I.R.	SN 2449, HELD
#59	653929.89	7654936.20	1/2" I.R.	PP 2009-029, EAST 0.36'
#60	653910.14	7654996.68	1/2" I.R.	SN 1230, EAST 0.23'
#62	653759.44	7655095.78	5/8" I.R.	SN 2016-057, HELD
#63	653758.29	7655254.76	3/4" I.P.	SN 11716, SOUTH 0.25'

SURVEY CONTROL TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION	ORIGIN
#64	653696.03	7655665.10	3/4" I.P.	UNKNOWN ORIGIN, HELD
#65	653755.71	7655715.56	3/4" I.P.	UNKNOWN ORIGIN, SOUTH 0.21'
#66	653702.11	7655769.60	3/4" I.P.	UNKNOWN ORIGIN, NORTH 6.50'
#67	653699.67	7655922.04	3/4" I.P.	UNKNOWN ORIGIN, NORTH 4.92'
#68	653698.65	7656084.63	3/4" I.P.	UNKNOWN ORIGIN, NORTH 4.83'
#69	654471.84	7654590.16	1" I.P.	SN 29287
#70	654471.94	7654653.04	5/8" I.R.	SN 29287
#71	653752.96	7656234.51	1" I.P.	SN 9234, HELD
#74	653694.25	7656034.27	1/2" I.R.	SN 1082, NORTH 0.14'

RIGHT OF WAY NARRATIVE

S.E. 30TH STREET RIGHT-OF-WAY WAS DEFINED BY HOLDING THE 1/2" I.P. (#52) AT THE NORTHWEST CORNER OF THE INTERSECTION OF SAID S.E. 30TH STREET AND S.E. MADISON STREET AND THE 3/4" I.P. (#57) AT THE NORTHEAST CORNER OF PARCEL 1 OF PARTITION PLAT NO. 2009-029 AS SHOWN ON PARTITION MAP, THEN OFF-SETTING SAID LINE TO THE EAST AT A DISTANCE OF 60' TO ESTABLISH THE EAST RIGHT-OF-WAY LINE OF SAID S.E. 30TH STREET.

S.E. SELLWOOD STREET WAS DEFINED BY HOLDING THE 5/8" I.R. (#62) AT THE SOUTHEAST CORNER OF LOT 25, BLOCK 9, PLAT OF "QUINCY ADDITION TO MILWAUKIE" AND THE 1" I.P. AT THE SOUTHWEST CORNER OF LOT 23, BLOCK 5, OF SAID PLAT, THEN OFF-SETTING SAID LINE TO THE SOUTH AT A DISTANCE OF 60' TO ESTABLISH THE SOUTH RIGHT-OF-WAY LINE OF SAID SELLWOOD STREET AS SHOWN.

CONDITIONS SURVEY

FOR
CITY OF MILWAUKIE
OVER A PORTION OF SE ROSWELL STREET, SE 36TH AVENUE, SE WAKE STREET, AND SE 39TH AVENUE
SITUATED IN THE NORTHEAST QUARTER OF SECTION 25, TOWNSHIP 1 SOUTH, RANGE 1 EAST OF THE WILLAMETTE MERIDIAN, CITY OF MILWAUKIE, COUNTY OF CLACKAMAS, STATE OF OREGON.

REVISION: RIGHT OF WAY 3-29-18	SCALE: 1"=100'
REVISION:	JOB NUMBER: 2018-002
REVISION: 2/28/2018	DRAWN: K.D.C.
REVISION: 2/28/2018	REVIEWED: G.D.S.
REVISION: 2/5/2018	SHEET: 1 OF 6

STATEWIDE LAND SURVEYING INC.
43 NW AVE. GRESHAM, OR 97030
O: 503-666-7777 F: 503-665-7988
EMAIL: SURVEY@STATEWIDESURVEYING.COM
WEB: WWW.STATEWIDESURVEYING.COM

CLIENT: CITY OF MILWAUKIE

REGISTERED PROFESSIONAL LAND SURVEYOR
Gregory D. Spurlock
OREGON
JULY 29, 1988
GREGORY D. SPURLOCK
2370
EXPIRES: 06/30/18



SHEET INDEX

SHEET 1 = INDEX, MONUMENTS, AND SURVEY CONTROL
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 SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET
 SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET AND 35TH AVENUE

SEWER MANHOLES

SS-MH 1
 RIM=100.67
 8" IN(W) I.E.=93.37
 8" IN(S) I.E.=92.77
 8" OUT(N) I.E.=92.72

SS-MH 2
 RIM=103.07
 8" IN(S) I.E.=94.17
 8" OUT(N) I.E.=94.07

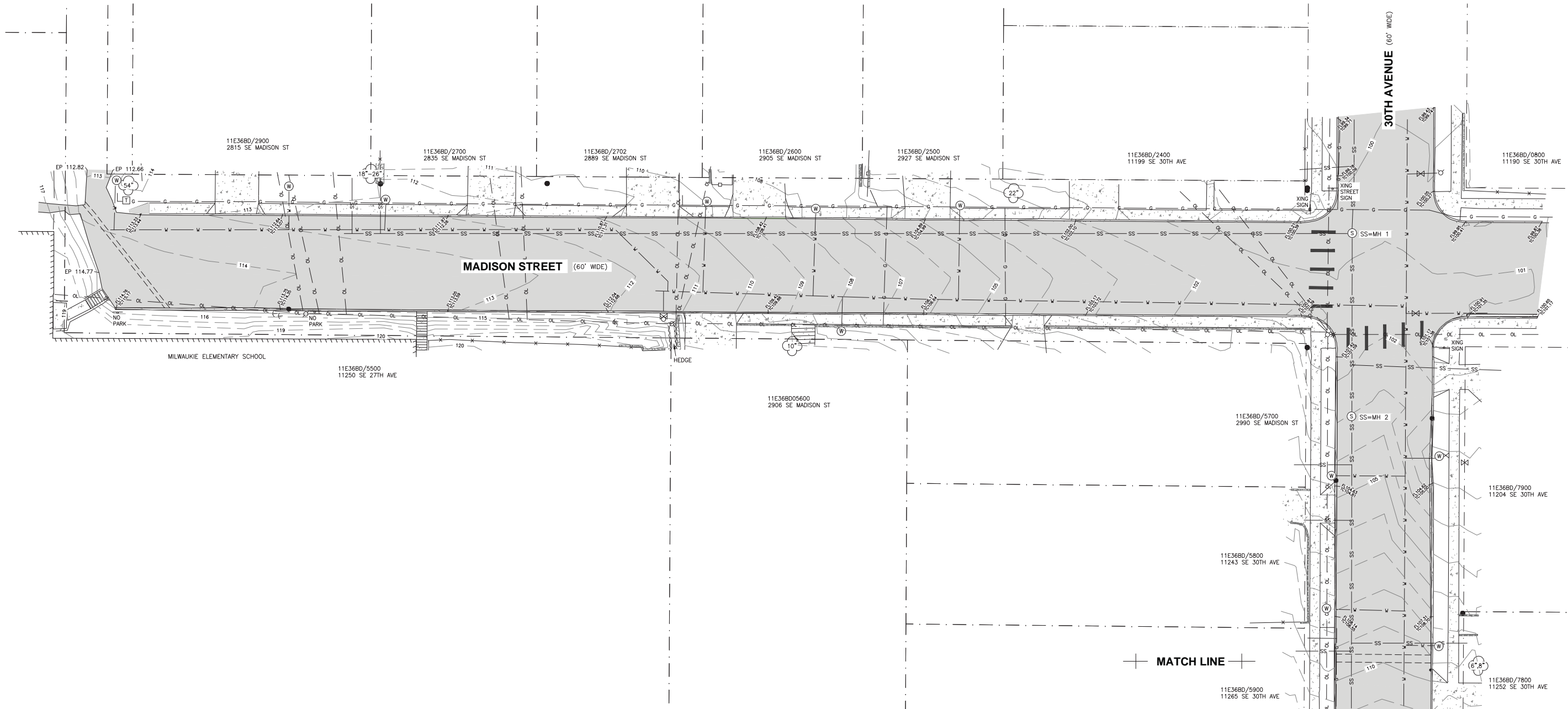
CONDITIONS SURVEY



FOR
CITY OF MILWAUKIE
OVER A PORTION OF SE ROSWELL STREET,
SE 36TH AVENUE, SE WAKE STREET, AND
SE 39TH AVENUE

SITUATED IN THE NORTHEAST QUARTER OF SECTION 25,
 TOWNSHIP 1 SOUTH, RANGE 1 EAST OF THE WILLAMETTE MERIDIAN,
 CITY OF MILWAUKIE, COUNTY OF CLACKAMAS, STATE OF OREGON.

SCALE: 1" = 20'



REVISION: RIGHT OF WAY 3-29-18	SCALE: 1"=20'	JOB NUMBER: 2018-002	STATEWIDE LAND SURVEYING INC.
REVISION:	DRAWN DATE: 2/28/2018	DRAWN: K.D.C.	43 NW AVA. AVE. GRESHAM, OR 97030
REVISION:	REVIEW DATE: 2/28/2018	REVIEWED: G.D.S.	C: 503-665-7777 F: 503-665-7988
REVISION:	SURVEY DATE: 2/5/2018	SHEET: 2 OF 6	EMAIL: SURVEY@STATEWIDESURVEYING.COM
			WEB: WWW.STATEWIDESURVEYING.COM
			CLIENT: CITY OF MILWAUKIE

REGISTERED PROFESSIONAL LAND SURVEYOR
Gregory D. Spurlock
 OREGON
 JULY 29, 1988
 GREGORY D. SPURLOCK
 2370
 EXPIRES: 06/30/18



SHEET INDEX

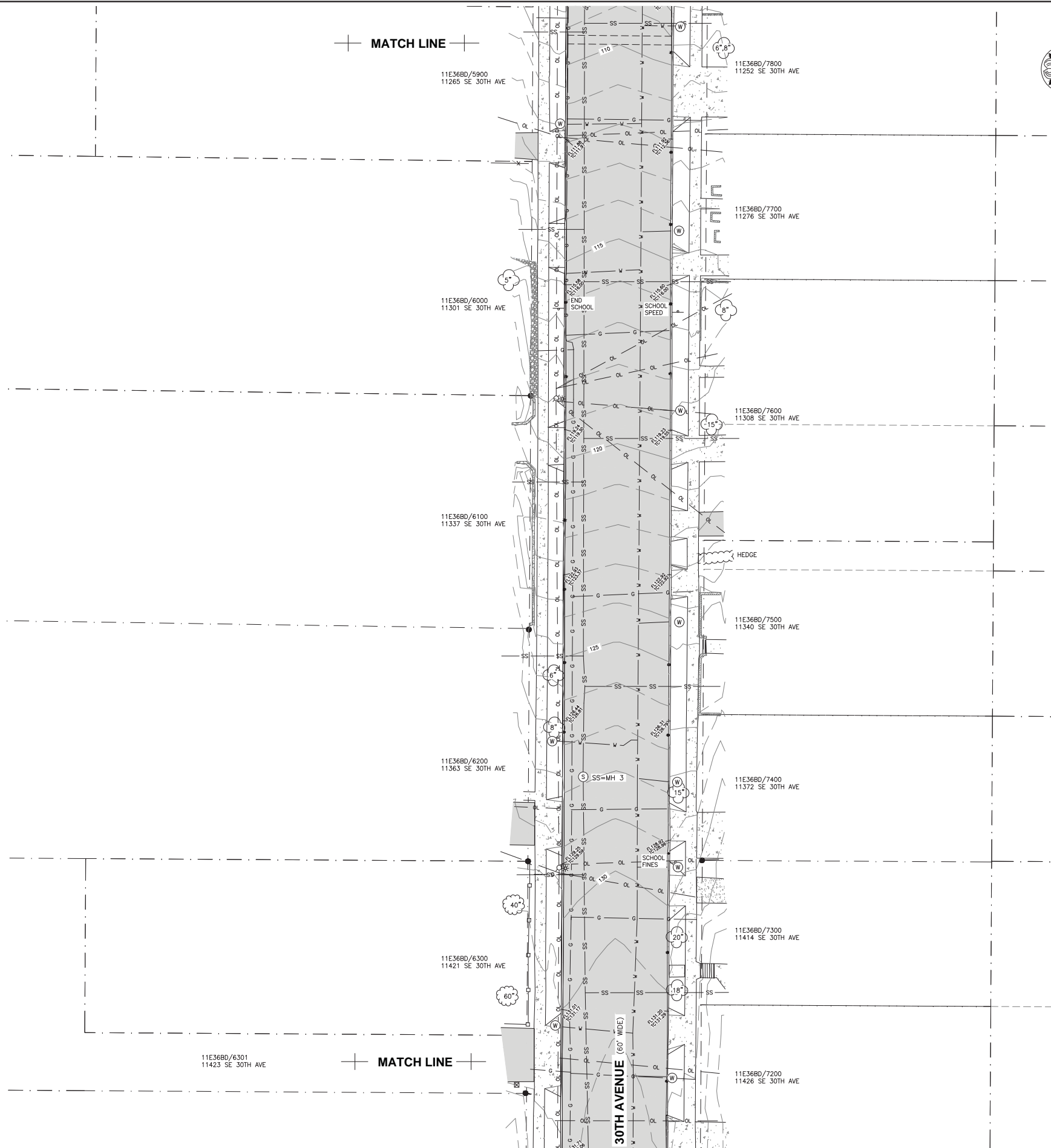
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SCALE: 1" = 20'



SEWER MANHOLES

- SS-MH 3
- RIM=127.81
- 8" IN(S) I.E.=118.81
- 8" OUT(N) I.E.=118.96



CONDITIONS SURVEY



FOR
CITY OF MILWAUKIE
OVER A PORTION OF SE ROSWELL STREET,
SE 36TH AVENUE, SE WAKE STREET, AND
SE 39TH AVENUE
 SITUATED IN THE NORTHEAST QUARTER OF SECTION 25,
 TOWNSHIP 1 SOUTH, RANGE 1 EAST OF THE WILLAMETTE MERIDIAN,
 CITY OF MILWAUKIE, COUNTY OF CLACKAMAS, STATE OF OREGON.

JOB NUMBER: 2018-002	SCALE: 1"=20'	REVISION: RIGHT OF WAY 3-29-18
DRAWN: K.D.C.	DRAWN DATE: 2/28/2018	REVISION:
REVIEWED: G.D.S.	REVIEW DATE: 2/28/2018	REVISION:
SHEET: 3 OF 6	SURVEY DATE: 2/5/2018	REVISION:

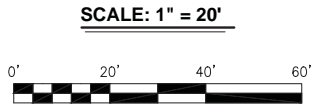
STATEWIDE LAND SURVEYING INC.
 43 NW AVA AVE. GRESHAM, OR 97030
 O: 503-665-7777 F: 503-665-7988
 EMAIL: SURVEY@STATEWIDESURVEYING.COM
 WEB: WWW.STATEWIDESURVEYING.COM
 CLIENT: CITY OF MILWAUKIE

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Gregory D. Spurlock
 OREGON
 JULY 29, 1988
 GREGORY D. SPURLOCK
 2370
 EXPIRES: 06/30/18



SHEET INDEX

- SHEET 1 = INDEX, MONUMENTS, AND SURVEY CONTROL
- SHEET 2 = TOPOGRAPHY OF MADISON STREET AND 30TH AVENUE
- SHEET 3 = TOPOGRAPHY OF SE 30TH AVENUE
- SHEET 3 = TOPOGRAPHY OF SE 39TH AVENUE AND SELLWOOD STREET
- SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET
- SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET AND 35TH AVENUE

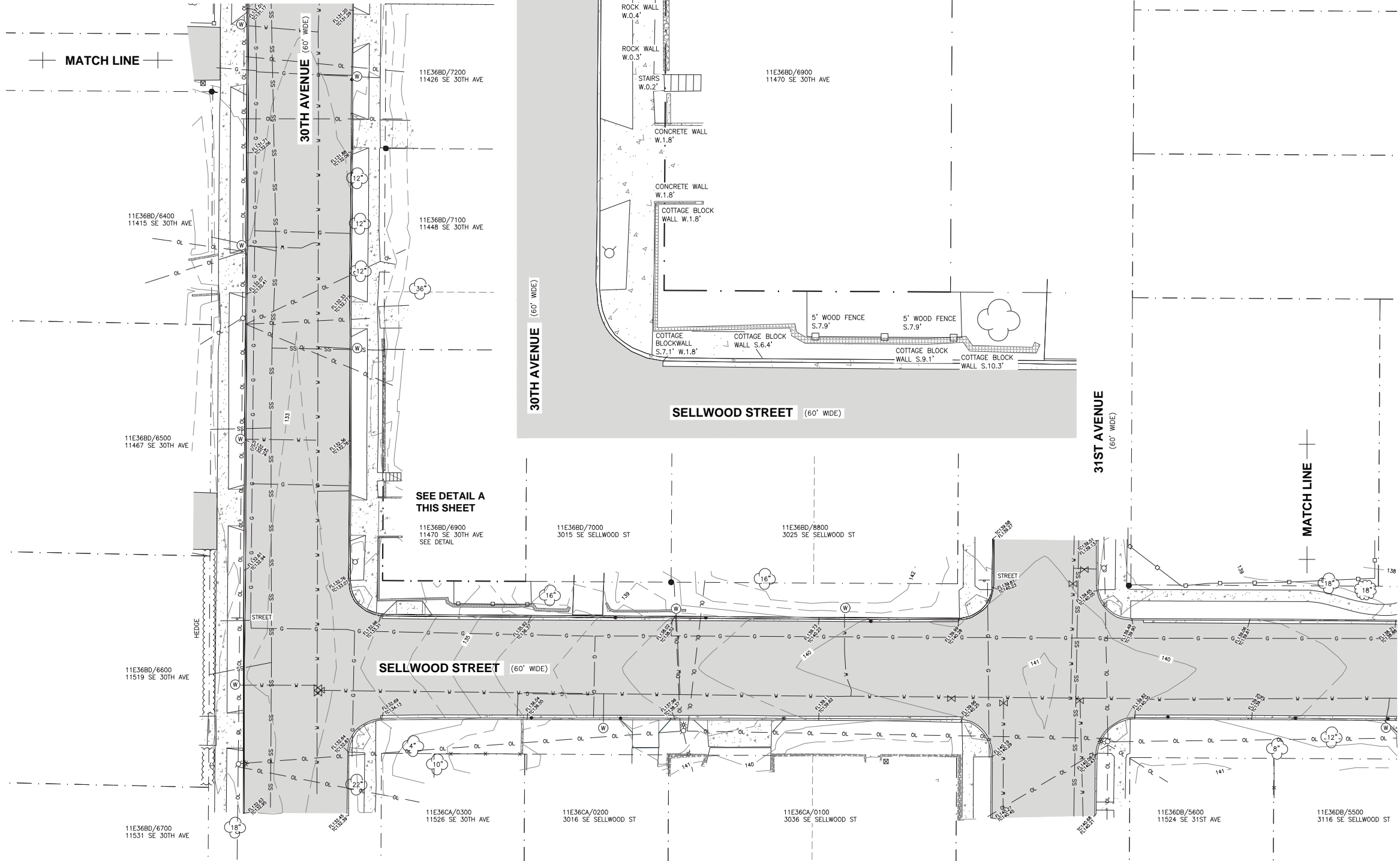
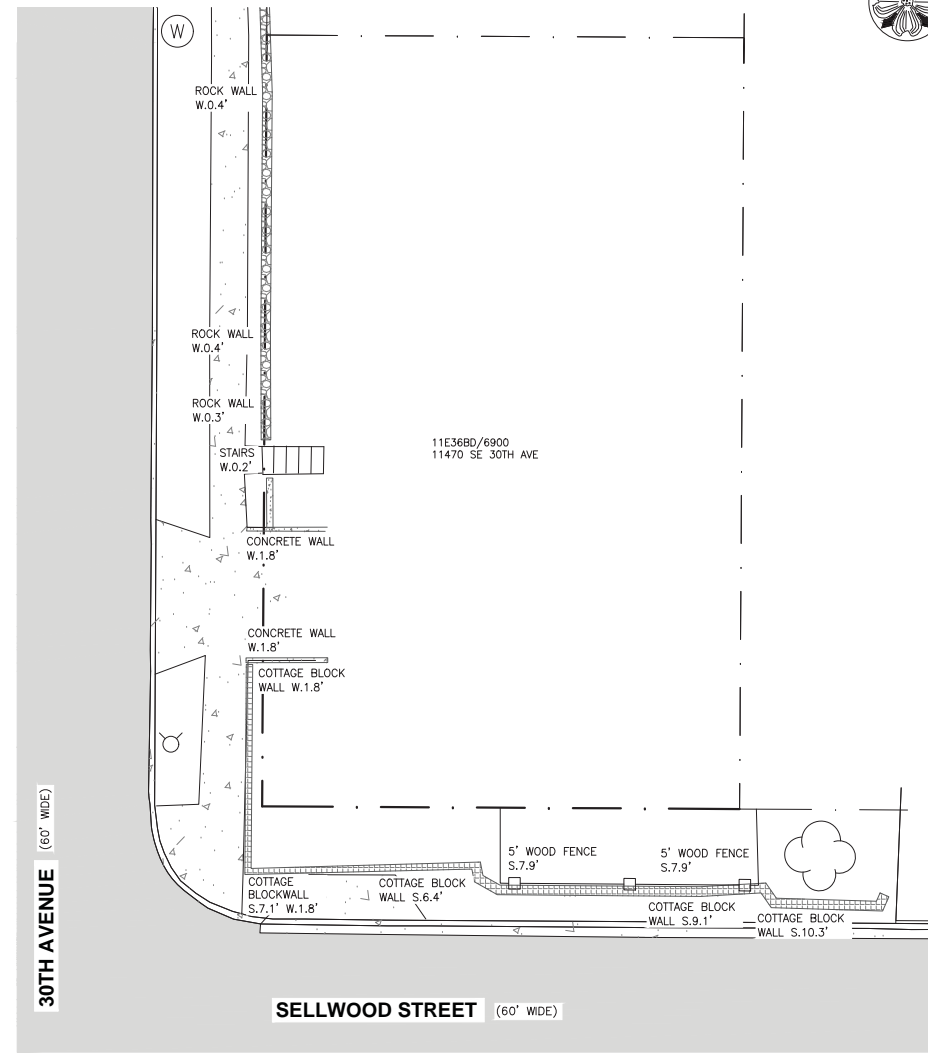


CONDITIONS SURVEY



FOR
CITY OF MILWAUKIE
OVER A PORTION OF SE ROSWELL STREET,
SE 36TH AVENUE, SE WAKE STREET, AND
SE 39TH AVENUE
 SITUATED IN THE NORTHEAST QUARTER OF SECTION 25,
 TOWNSHIP 1 SOUTH, RANGE 1 EAST OF THE WILLAMETTE MERIDIAN,
 CITY OF MILWAUKIE, COUNTY OF CLACKAMAS, STATE OF OREGON.

DETAIL A
 SCALE: 1"=10'



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Gregory D. Spurlock
 OREGON
 JULY 29, 1988
 GREGORY D. SPURLOCK
 2370
 EXPIRES: 06/30/18

JOB NUMBER: 2018-002	SCALE: 1"=20'	REVISION: RIGHT OF WAY 3-29-18
DRAWN: K.D.C.	DRAWN DATE: 2/28/2018	REVISION:
REVIEWED: G.D.S.	REVIEW DATE: 2/28/2018	REVISION:
SHEET: 4 OF 6	SURVEY DATE: 2/5/2018	REVISION:

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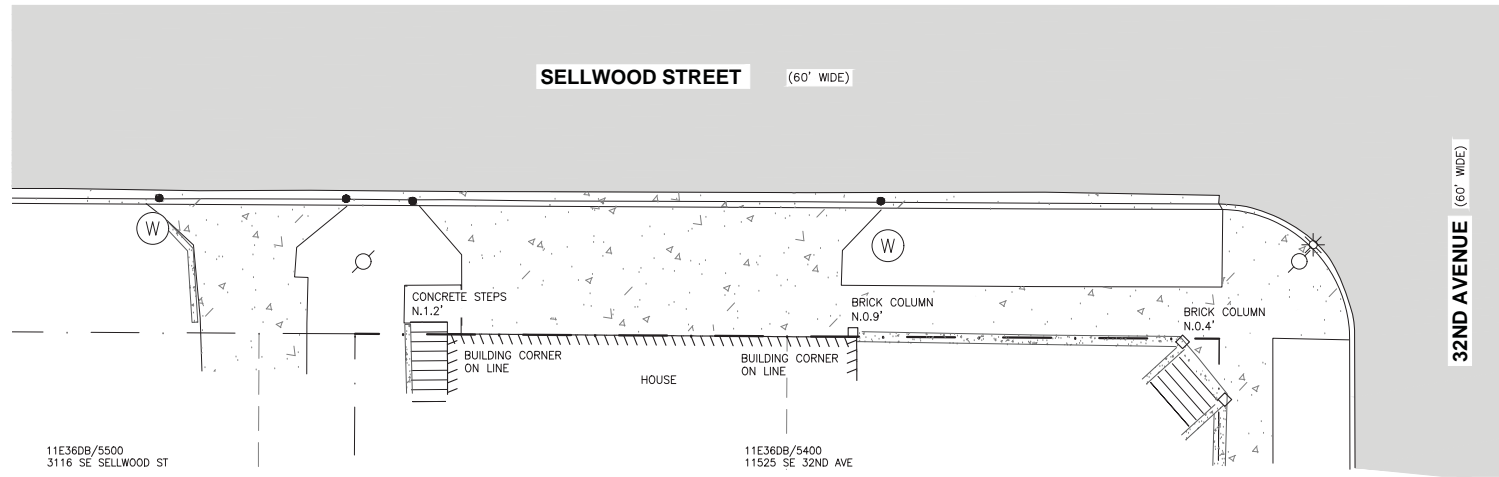


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- SHEET 3 = TOPOGRAPHY OF SELLWOOD STREET AND 35TH AVENUE

DETAIL A

SCALE 1"=10'



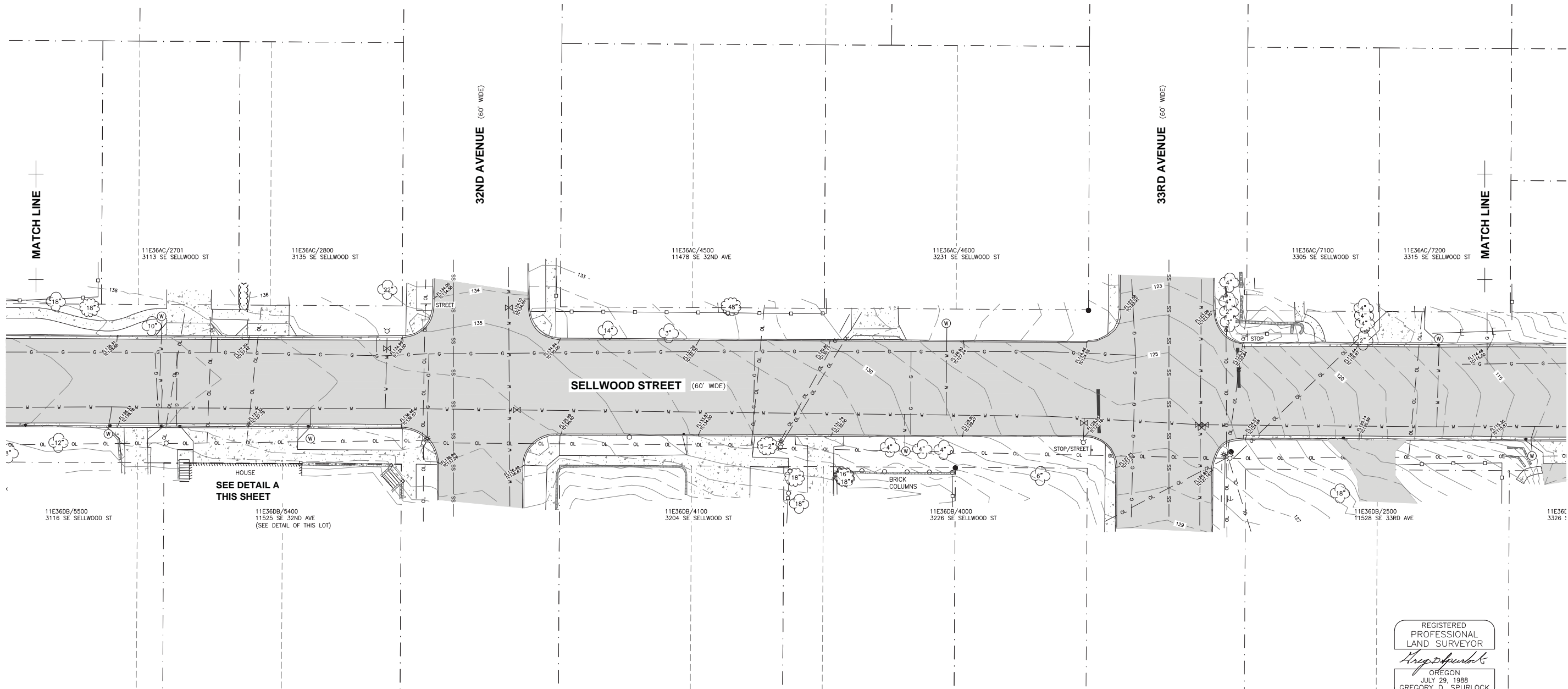
CONDITIONS SURVEY



FOR

**CITY OF MILWAUKIE
OVER A PORTION OF SE ROSWELL STREET,
SE 36TH AVENUE, SE WAKE STREET, AND
SE 39TH AVENUE**

SITUATED IN THE NORTHEAST QUARTER OF SECTION 25,
TOWNSHIP 1 SOUTH, RANGE 1 EAST OF THE WILLAMETTE MERIDIAN,
CITY OF MILWAUKIE, COUNTY OF CLACKAMAS, STATE OF OREGON.



SEE DETAIL A
THIS SHEET

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Gregory D. Spurlock
OREGON
JULY 29, 1988
GREGORY D. SPURLOCK
2370
EXPIRES: 06/30/18

JOB NUMBER: 2018-002	SCALE: 1"=20'	REVISION: RIGHT OF WAY 3-29-18
DRAWN: K.D.C.	DRAWN DATE: 2/28/2018	REVISION:
REVIEWED: G.D.S.	REVIEW DATE: 2/28/2018	REVISION:
SHEET: 5 OF 6	SURVEY DATE: 2/5/2018	REVISION:

STATEWIDE LAND SURVEYING INC.

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SEWER MANHOLES

- SS-MH 4
RIM=109.65
12" IN(S) I.E.=95.15
12" OUT(N) I.E.=95.05
- SS-MH 5
RIM=102.46
10" IN(S) I.E.=94.86
10" IN(E) I.E.=94.96
10" OUT(N) I.E.=94.76
- SS-MH 6
RIM=102.11
10" IN(S) I.E.=94.71
12" OUT(N) I.E.=94.71

STORM MANHOLES

- ST-MH 1
RIM=106.30
12" IN(W) I.E.=103.20
12" IN(S) I.E.=103.20
12" OUT(N) I.E.=103.00
- ST-MH 2
RIM=102.39
FULL OF WATER
BOTTOM =97.49
- ST-MH 3
RIM=102.11
12" IN(W) I.E.=99.61
12" IN(S) I.E.=99.61
12" OUT(N) I.E.=99.56

STORM CATCH BASINS

- ST-CB 1
RIM=106.53
12" IN(S) I.E.=103.73
12" OUT(E) I.E.=103.68
- ST-CB 2
RIM=107.28
12" OUT(N) I.E.=105.18
- ST-CB 3
RIM=107.65
12" IN(W) I.E.=105.85
12" OUT(N) I.E.=105.85
- ST-CB 4
RIM=107.73
12" OUT(E) I.E.=105.03
- ST-CB 5
RIM=102.26
12" OUT(NW) I.E.=99.56
- ST-CB 6
RIM=101.58
8" IN(W) I.E.=100.08
8" IN(S) I.E.=100.08
8" OUT(E) I.E.=99.98
- ST-CB 7
RIM=101.73
12" IN(S) I.E.=99.93
8" OUT(E) I.E.=100.38
- ST-CB 8
RIM=102.19
OUT(N) I.E.=100.49
- ST-CB 9
RIM=101.93
12" OUT(E) I.E.=99.83
- ST-CB 10
RIM=101.93
12" IN(S) I.E.=99.63
12" OUT(N) I.E.=99.68

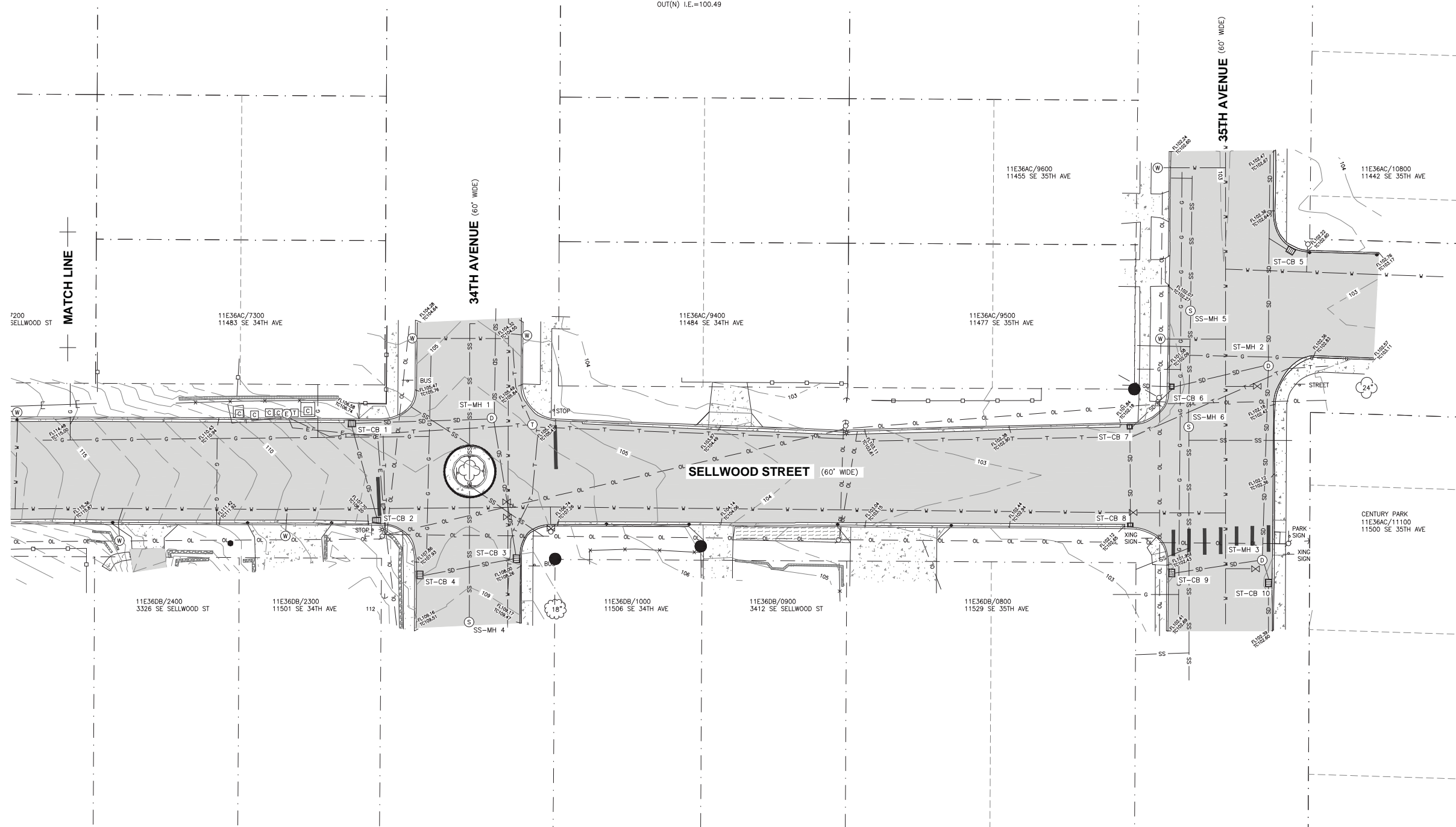
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REVISION:	DRAWN: K.D.C.
REVISION:	REVIEWED: G.D.S.
REVISION:	SHEET: 6 OF 6

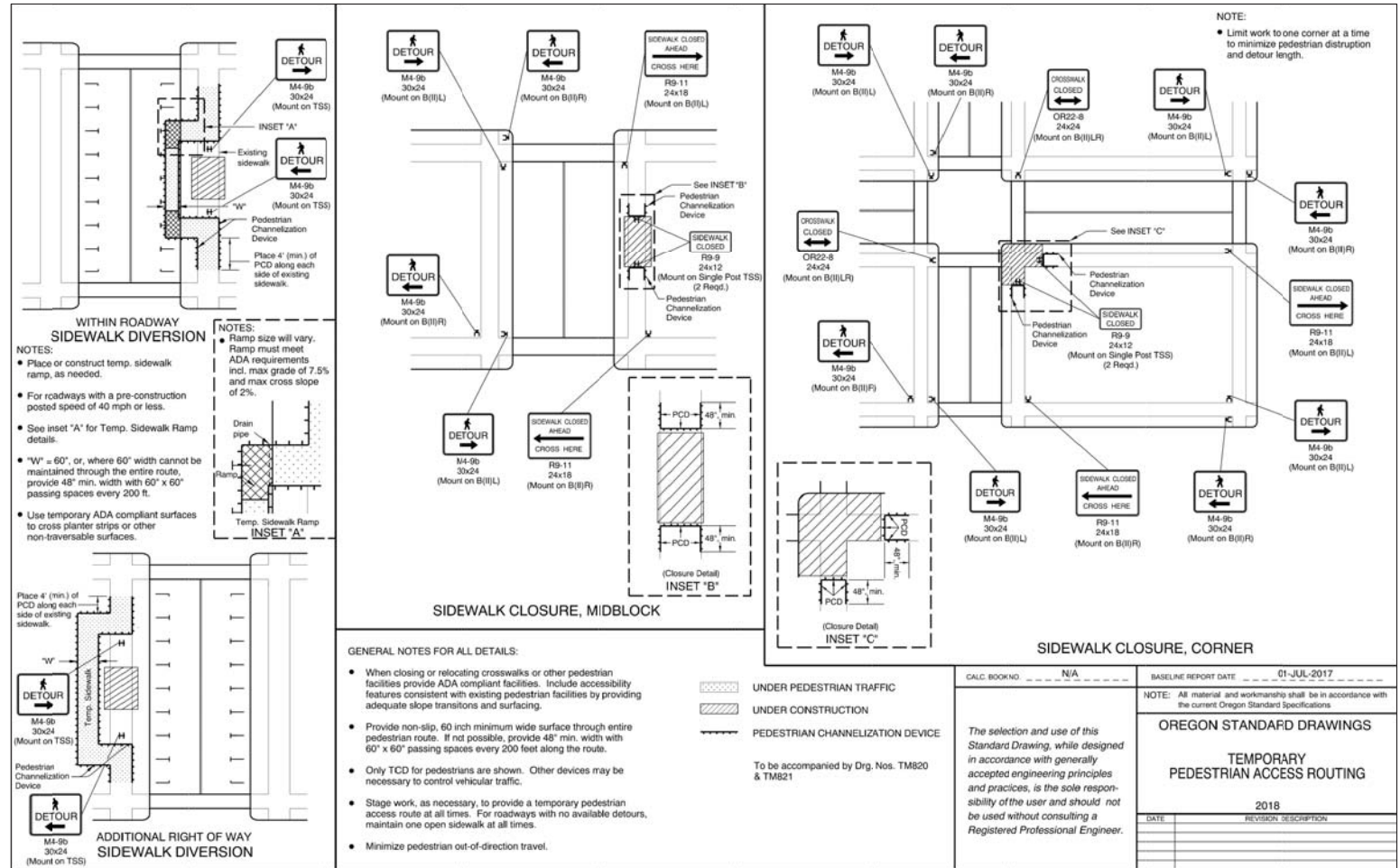
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CLIENT: CITY OF MILWAUKIE

REGISTERED
 LAND SURVEYOR
Gregory D. Spurlock
 OREGON
 JULY 29, 1988
 GREGORY D. SPURLOCK
 2370
 EXPIRES: 06/30/18





OSD TM 844
scale: NTS

TRAFFIC CONTROL NOTES

1. ALL SIGNING, STRIPING, AND PERMANENT BARRICADES TO BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS FOR THE WORK IN THE RIGHT-OF-WAY AT THE PRE-CONSTRUCTION MEETING.
2. ALL TRAFFIC CONTROL MEASURES SHALL CONFORM WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LATEST EDITION OF THE OREGON TEMPORARY TRAFFIC CONTROL HANDBOOK (OTTC) FOR OPERATIONS OF THREE DAYS OR LESS.
3. THESE TRAFFIC CONTROL PLANS ARE SCHEMATIC IN NATURE AND ARE CONSIDERED THE MINIMUM NECESSARY TO ADEQUATELY MANAGE TRAFFIC DURING CONSTRUCTION. CONTRACTOR TO PROVIDE FINAL TRAFFIC CONTROL PLAN BEFORE STARTING CONSTRUCTION.
4. EACH TRAFFIC CONTROL DETAIL IS TO BE IMPLEMENTED WITH THE ASSOCIATED TYPE OF WORK. FOR EXAMPLE, THE "LANE CLOSURE AT INTERSECTION WITH FLAGGING" DETAIL CAN BE FLIPPED TO USE ON ANY OF THE FOUR INTERSECTION CORNERS.
5. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN THROUGHOUT THE DURATION OF CONSTRUCTION.
6. ALL TRAVEL LANES, STREETS, SIDEWALKS, DRIVEWAYS, AND POINTS OF ACCESS SHALL BE OPENED TO VEHICULAR TRAFFIC AT THE END OF EACH WORK DAY. ALL AREAS OF EXCAVATION WITHIN THE TRAVELED WAY SHALL BE TEMPORARILY COVERED WITH STEEL PLATES OR BACKFILLED AND TEMPORARILY SURFACED WITH ASPHALT CONCRETE PATCHING UNTIL FINAL PAVING.
7. CONTRACTOR SHALL PROVIDE VEHICULAR ACCESS TO SIDE STREETS AND DRIVEWAYS TO THE EXTENT PRACTICABLE. WHEN VEHICULAR ACCESS CANNOT BE PROVIDED, THE CONTRACTOR WILL NOTIFY THE AFFECTED BUSINESS / PROPERTY OWNER OF THE DATE AND DURATION OF THE INTERRUPTION, 14 DAYS IN ADVANCE OF THE CLOSURE.
8. TRAFFIC CONTROL DEVICE LOCATIONS ARE APPROXIMATE. FINAL SIGN LOCATION SHALL BE DETERMINED BY CITY ENGINEER IN THE FIELD.
9. TRAFFIC CONTROL SIGNS SHALL BE SIZED IN ACCORDANCE WITH CONVENTIONAL ROADWAY STANDARDS OF THE MUTCD.
10. TRAFFIC CONTROL SIGNS SHALL BE SPACED IN ACCORDANCE WITH THE MUTCD AND OTTC FOR 25 MPH VEHICULAR SPEEDS.
11. LANE SHIFTING AND MERGER TAPERS SHALL HAVE A LENGTH NECESSARY TO ACCOMMODATE 25 MPH VEHICULAR SPEEDS, UNLESS OTHERWISE SPECIFIED IN THE PROJECT PLANS OR AS DIRECTED BY THE PROJECT MANAGER.
12. CONE LOCATIONS ARE SCHEMATIC AND DENOTE LANE LOCATIONS, LANE TAPERS, AND WORK AREAS AND DO NOT INDICATE THE NUMBER OF CONES TO BE PLACED. CONTRACTOR WILL PLACE CONES IN A NUMBER SUFFICIENT TO ADEQUATELY DELINEATE AND DIRECT TRAFFIC AROUND WORK AREAS PER THE MUTCD.
13. THE MINIMUM VEHICLE TRAVEL LANE WIDTH SHALL BE A 10-FOOT CLEAR DISTANCE PERPENDICULAR TO THE DIRECTION OF TRAVEL.

NO.	DATE	BY	REVISIONS

TP 6/12/2018
DESIGNED DATE

TP 9/12/2018
DRAFTED DATE

JG 10/3/2018
CHECKED DATE

CE 10/1/2018
APPROVED DATE

REGISTERED PROFESSIONAL ENGINEER
80169PE
OREGON
SEPT. 11, 2007
JENNIFER ANN CARROLL
EXPIRES: 06/30/2019

CITY OF MILWAUKIE

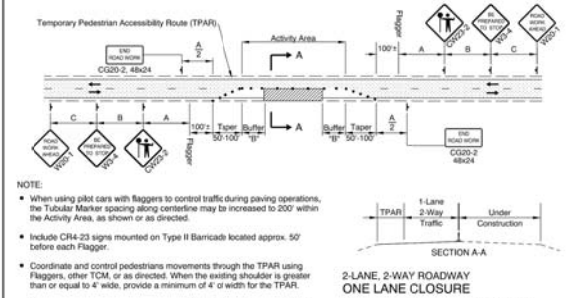
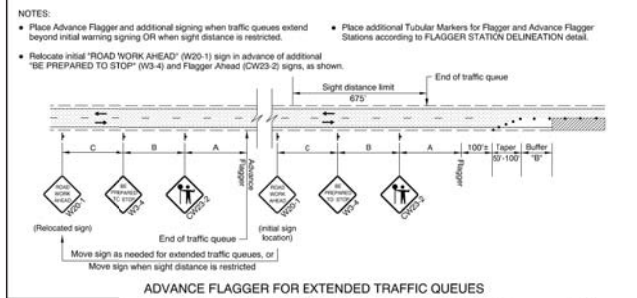
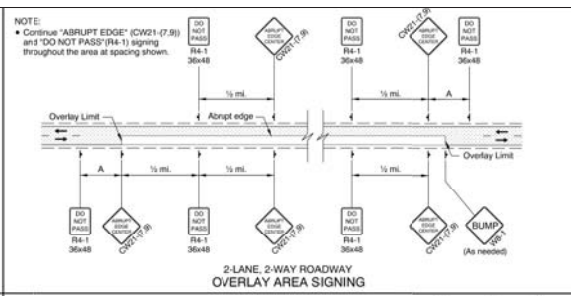
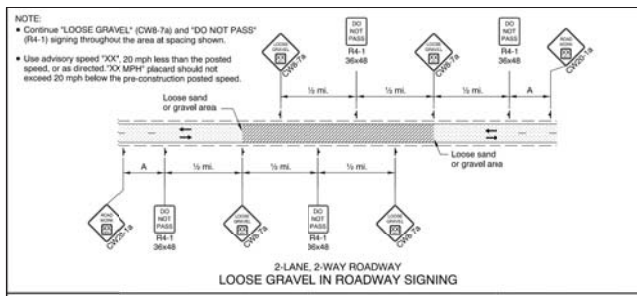
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

TRAFFIC CONTROL PLAN

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: TR01



GENERAL NOTES FOR ALL DETAILS:

- The "FLAGGER" (CW23-2) symbol sign shall be used only in conjunction with the "BE PREPARED TO STOP" (W9-4) sign.
- Cover existing passing zone signing, as directed.
- Install temporary striping as required.
- To determine Taper Length (L) and Buffer Length (B), use the "MINIMUM LENGTHS TABLE" on Drg. No. TM800.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Drg. No. TM800.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.

28" Tubular Markers on 20' max. spacing for flagger tapers and stations.

28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC
UNDER CONSTRUCTION
CONSTRUCTION UNDER TRAFFIC

To be accompanied by Drg. Nos. TM821 & TM840

NOTE: Use a minimum of 3 tubular markers in shoulder taper on 10' spacing for flagger station delineation.

FLAGGER STATION DELINEATION

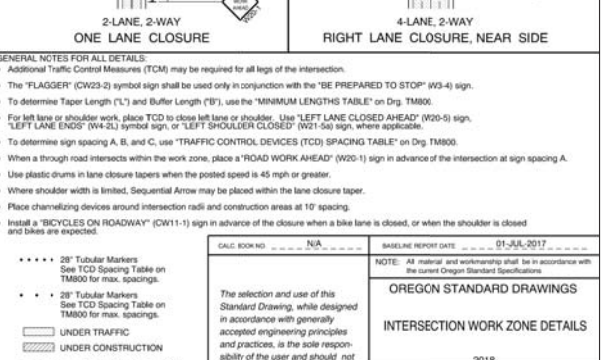
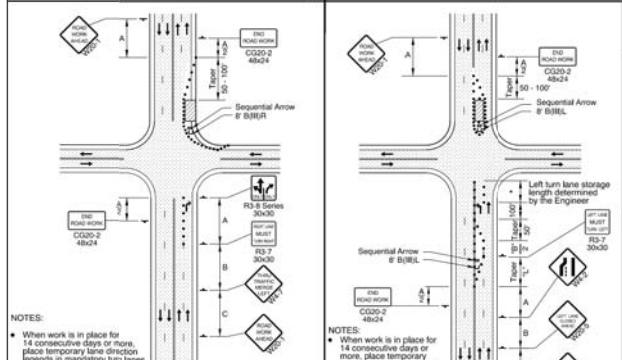
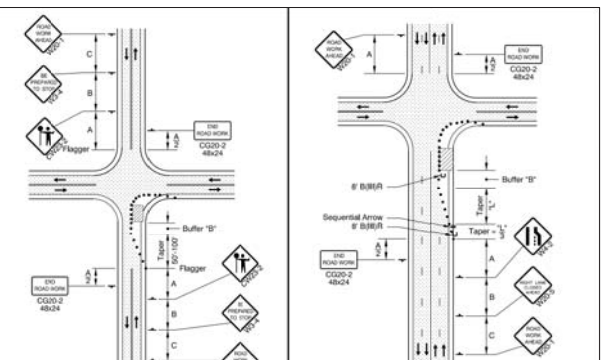
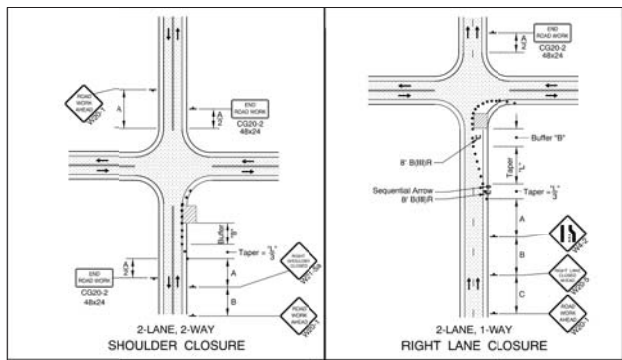
OREGON STANDARD DRAWINGS

2-LANE, 2-WAY ROADWAYS

CLOSURE DETAILS

2018

OSD TM 850
scale: NTS



GENERAL NOTES FOR ALL DETAILS:

- Additional Traffic Control Measures (TCM) may be required for all legs of the intersection.
- The "FLAGGER" (CW23-2) symbol sign shall be used only in conjunction with the "BE PREPARED TO STOP" (W9-4) sign.
- To determine Taper Length (L) and Buffer Length (B), use the "MINIMUM LENGTHS TABLE" on Drg. TM800.
- For left lane or shoulder work, place TCD to close left lane or shoulder. Use "LEFT LANE CLOSED AHEAD" (W20-5) sign, "LEFT LANE ENDS" (W4-2L) symbol sign, or "LEFT SHOULDER CLOSED" (W21-5a) sign, where applicable.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Drg. TM800.
- When a through road intersects within the work zone, place a "ROAD WORK AHEAD" (W20-1) sign in advance of the intersection at sign spacing A.
- Use plastic drums in lane closure tapers when the posted speed is 45 mph or greater.
- Where shoulder width is limited, Sequential Arrow may be placed within the lane closure taper.
- Place channelizing devices around intersection radii and construction areas at 10' spacing.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.

28" Tubular Markers See TCD Spacing Table on TM800 for max. spacings.

28" Tubular Markers See TCD Spacing Table on TM800 for max. spacings.

UNDER TRAFFIC
UNDER CONSTRUCTION

To be accompanied by Drg. Nos. TM820, TM821 & TM840

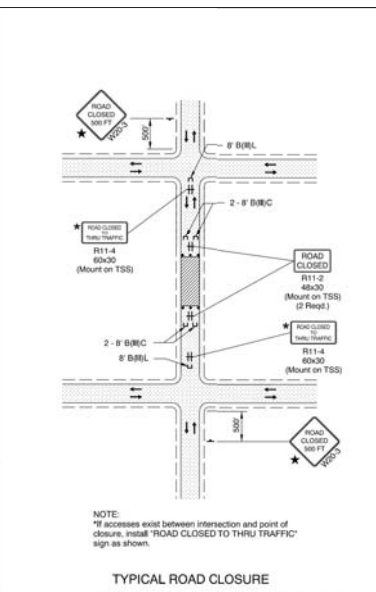
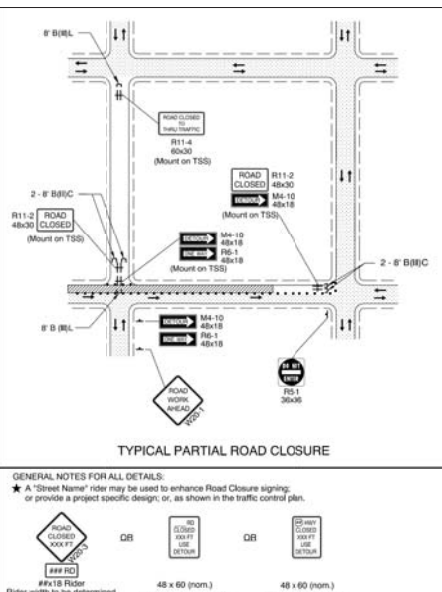
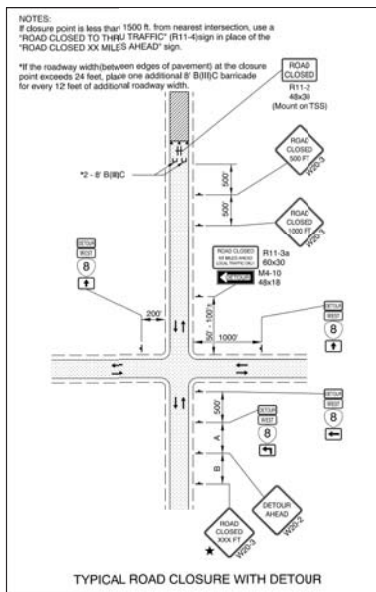
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

INTERSECTION WORK ZONE DETAILS

2018

OSD TM 841
scale: NTS



GENERAL NOTES FOR ALL DETAILS:

- A "Street Name" rider may be used to enhance Road Closure signing, or provide a project specific design, or, as shown in the traffic control plan.
- Use a minimum of two Type III barricades for a road closure. For roads 2'36" wide between curbs or edge of pavement, use a minimum of three Type III barricades for the closure point.
- For full road closures, the C or LR barricade may be used.
- Place additional signing as directed.
- To determine sign spacing A, B, & C, use the "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Drg. TM800.

28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC
UNDER CONSTRUCTION

To be accompanied by Drg. Nos. TM820 & TM821

NOTE: Rider width to be determined by width of street name.

48 x 60 (nom.)
Project Specific Design

48 x 60 (nom.)
Project Specific Design

OREGON STANDARD DRAWINGS

CLOSURE DETAILS

2018

NOTE: If accesses exist between intersection and point of closure, install "ROAD CLOSED TO TRAFFIC" sign as shown.

OREGON STANDARD DRAWINGS

CLOSURE DETAILS

2018

OSD TM 840
scale: NTS

NO.	DATE	BY	REVISIONS

TP DESIGNED	6/12/2018	DATE
TP DRAFTED	9/12/2018	DATE
JG CHECKED	10/3/2018	DATE
CE APPROVED	10/1/2018	DATE

REGISTERED PROFESSIONAL ENGINEER
JENNIFER ANN CARROLL
SEPT. 11, 2007
EXPIRES: 06/30/2019

CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

Sellwood / 30th Ave / Madison SAFE Project

TRAFFIC CONTROL PLAN

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: TR02

PHONE: 503-786-7600 FAX: 503-774-8236

SELLWOOD / 30TH AVE. / MADISON SAFE PROJECT

CIP2018-T41

EROSION AND SEDIMENT CONTROL PLANS

DEVELOPER:

NAME CITY OF MILWAUKIE
 ADDRESS 10722 SE MAIN STREET
 MILWAUKIE OR 97222
 PHONE: 503-786-7548
 CONTACT: TESSIE PRENTICE

ENGINEERING:

NAME CITY OF MILWAUKIE
 ADDRESS 10722 SE MAIN STREET
 MILWAUKIE OR 97222
 PHONE: 503-786-7548
 CONTACT: TESSIE PRENTICE

PROPERTY LOCATION:

ADDRESS: CITY OF MILWAUKIE
 LATITUDE: 45°26'24"N
 LONGITUDE: 122°37'55"W

SURVEY FIRM:

NAME STATEWIDE LAND SURVEYING, INC
 ADDRESS 43 NW AVA AVENUE
 GRESHAM OR 97030
 PHONE: 503-665-7777

NARRATIVE DESCRIPTION:

EXISTING SITE CONDITIONS:

EXISTING CONDITION ON PROJECT SITE IS PAVED ROAD CURBS BOTH SIDES OF THE ROAD. A STORM SYSTEM EXISTS AT THE INTERSECTIONS OF 34TH AVE AND SELLWOOD ST AND 35TH AVE AND SELLWOOD ST. RUNOFF ACCUMULATES AT THE INTERSECTION OF MADISON ST AND 30TH AVE.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

*CLEARING AND DEMOLITION: 12/17/18 TO 7/1/19
 *GRADING: 12/17/18-8/2/19
 *CONSTRUCTION: 12/17/18 TO 7/31/19
 *FINAL STABILIZATION: 8/23/19

TOTAL SITE AREA: 150,130 SF = 3.45 ACRES
 TOTAL DISTURBED AREA: 27,000 SF = 0.62 ACRES

DEVELOPED CONDITIONS:

ADDITION OF 3,880 SF NEW IMPERVIOUS SIDEWALK

SITE SOIL CLASSIFICATION:

53B - LATOURELL LOAM, 3 TO 8 PERCENT SLOPES
 91B - WOODBURN SILT LOAM, 3 TO 8 PERCENT SLOPES

RECEIVING WATER BODIES:

LOWER JOHNSON CREEK AND KELLOGG CREEK

INSPECTION FREQUENCY

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING.
2. PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE.
3. INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY TWO (2) WEEKS.
4. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.

- * HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL, INCLUDING THE INSPECTOR, TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.
- * ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH 1200-CN PERMIT REQUIREMENTS.
- * INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH 1200-CN PERMIT REQUIREMENTS.
- * RETAIN A COPY OF THE ESC PLAN AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESC PLAN AT THE CONSTRUCTION SITE.
- * CHANGES TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ IN THE FORM OF AN ACTION PLAN.

BMP MATRIX FOR CONSTRUCTION PHASES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.

	CLEARING AND DEMOLITION	GRADING	CONSTRUCTION	FINAL STABILIZATION	WET WEATHER (OCT 1-MAY 31)
EROSION PREVENTION					
PRESERVE NATURAL VEGETATION	**X	X	X	X	X
GROUND COVER				X	X
HYDRAULIC APPLICATIONS					
PLASTIC SHEETING					
MATTING					
DUST CONTROL					
TEMPORARY/ PERMANENT SEEDING				X	X
BUFFER ZONE					
OTHER:					
SEDIMENT CONTROL					
SEDIMENT FENCE					
STRAW WATTLES	X	X	X	X	X
FILTER BERM					
INLET PROTECTION	**X	X	X	X	X
DEWATERING					
SEDIMENT TRAP					
OTHER:					
RUN OFF CONTROL					
CONSTRUCTION ENTRANCE					
PIPE SLOPE DRAIN					
OUTLET PROTECTION					
SURFACE ROUGHENING					
CHECK DAMS					
OTHER:					
POLLUTION PREVENTION					
PROPER SIGNAGE					
HAZ WASTE MGMT					
SPILL KIT ON-SITE					
CONCRETE WASHOUT AREA					
OTHER:					

** SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

RATIONALE STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS, TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

INITIAL _____ TAP _____

PERMITTEE'S SITE INSPECTOR:

CONTRACTOR TO PROVIDE THE FOLLOWING INFORMATION -

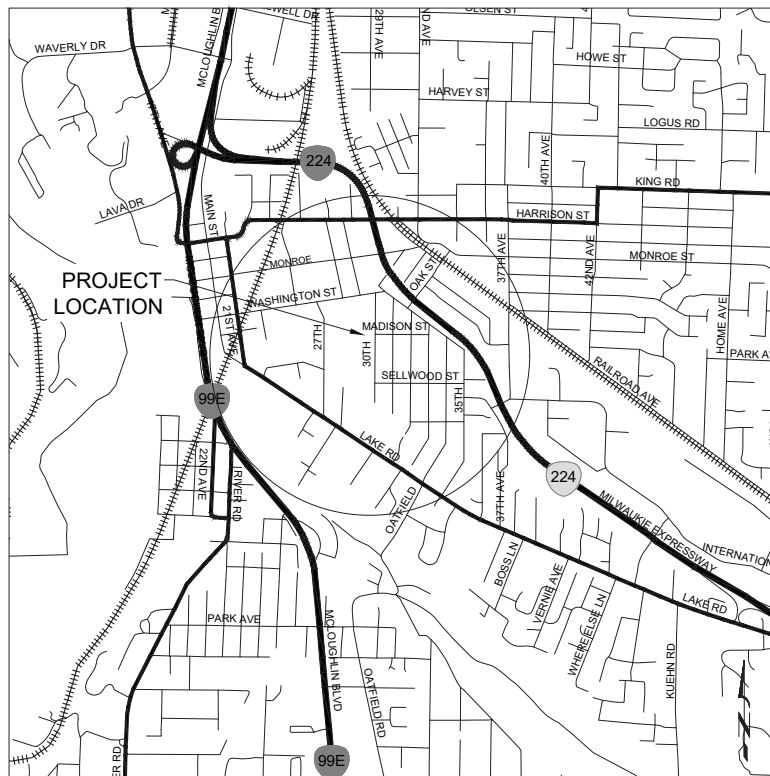
COMPANY NAME:
 PHONE:
 FAX:
 CONTACT:
 E-MAIL:

DESCRIPTION OF EXPERIENCE:

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE DEQ 1200-CN PERMIT. THE ESC PLAN AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-CN PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-CN PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

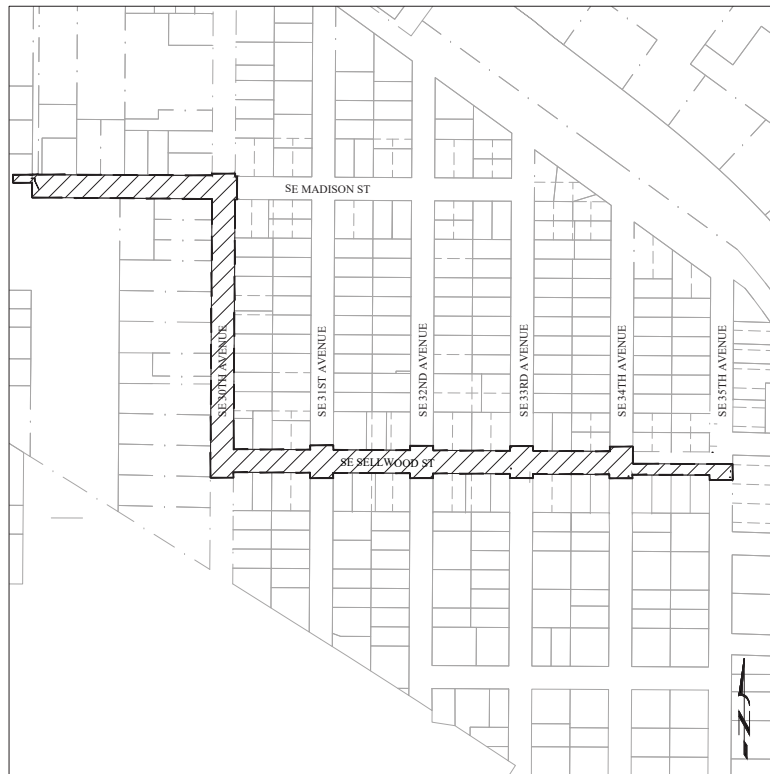
ATTENTION EXCAVATORS

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 CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.



VICINITY MAP

not to scale



SITE MAP

not to scale

NO.	DATE	BY	REVISIONS

TP	DESIGNED	6/12/2018	DATE
TP	DRAFTED	9/12/2018	DATE
JG	CHECKED	10/3/2018	DATE
CE	APPROVED	10/1/2018	DATE



CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
 MILWAUKIE, OR 97206

PHONE: 503-786-7600
 FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

EROSION & SEDIMENT CONTROL PLAN COVER SHEET

Cover Sheet

PROJECT NO.:	CIP2018-T41	CONTRACT NO.:		DATE:	9/24/2018	SHEET NO.:	EC01
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1

2

3




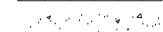

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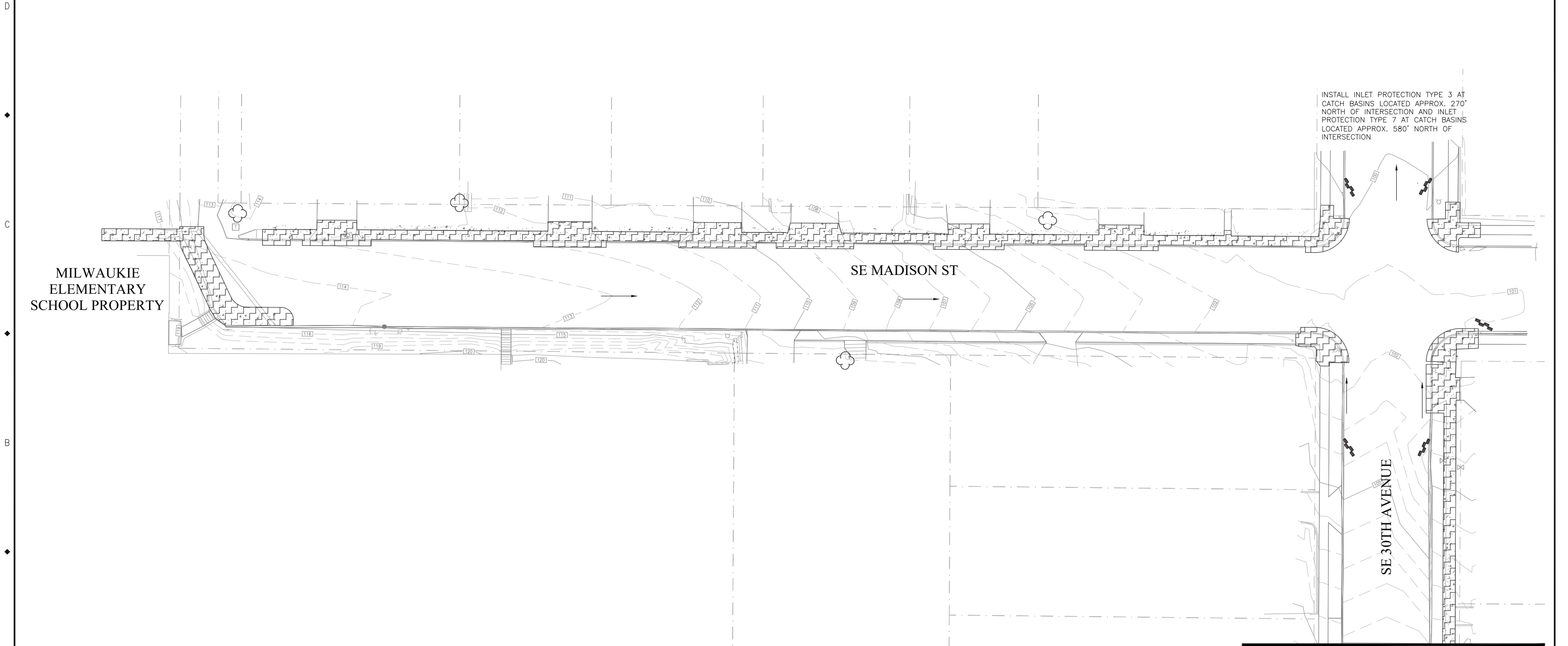
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6

7

LEGEND

-  SEDIMENT BARRIER, TYPE 2
-  INLET PROTECTION, TYPE 3
-  AREA OF DEMOLITION
-  AREA OF CONSTRUCTION
-  FLOW ARROW



MADISON STREET AND NORTH PORTION OF 30TH AVENUE
 scale: 1" = 20'



NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
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DRAFTED	DATE
JG	10/3/2018
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APPROVED	DATE



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MADISON STREET EROSION & SEDIMENT CONTROL PLAN

PROJECT NO.:	CIP2018-T41	CONTRACT NO.:		DATE:	9/24/2018	SHEET NO.:	EC03
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1

2

3






4

5

6

7

LEGEND

-  SEDIMENT BARRIER, TYPE 2
-  INLET PROTECTION, TYPE 3
-  AREA OF DEMOLITION
-  AREA OF CONSTRUCTION
-  FLOW ARROW

MATCH LINE - SEE SHEET EC05

MATCH LINE - SEE SHEET EC03

D

C

B

A

SE 30TH AVENUE

SE SELLWOOD ST

SOUTH PORTION OF 30TH AVENUE AND SELLWOOD STREET FROM 30TH AVENUE TO WEST OF 31ST AVENUE
scale: 1" = 20'



SCALE
0 20 40 FEET

NO.	DATE	BY	REVISIONS

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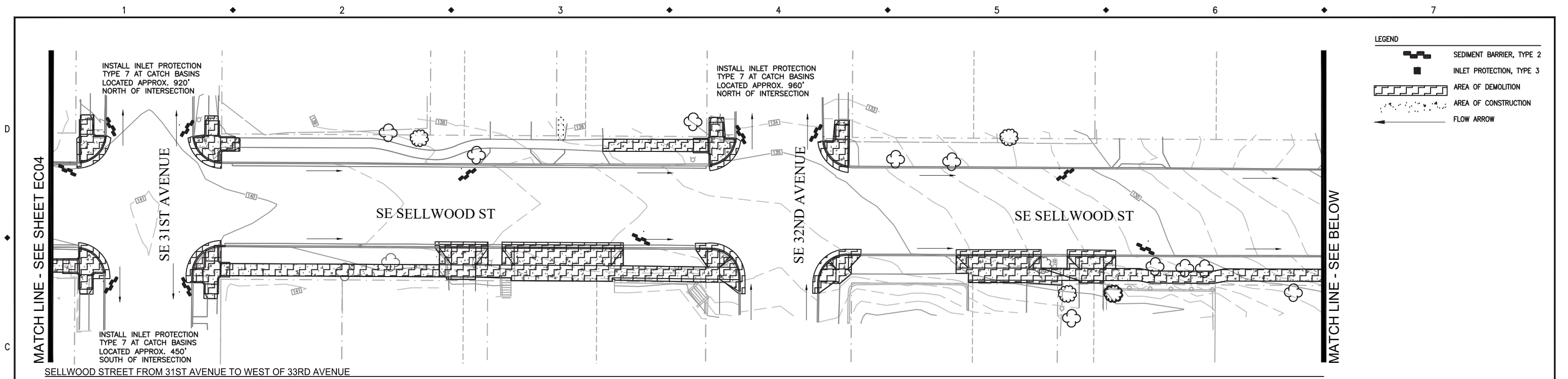
30TH AVENUE & SELLWOOD STREET EROSION & SEDIMENT CONTROL PLAN

PROJECT NO.: CIP2018-T41

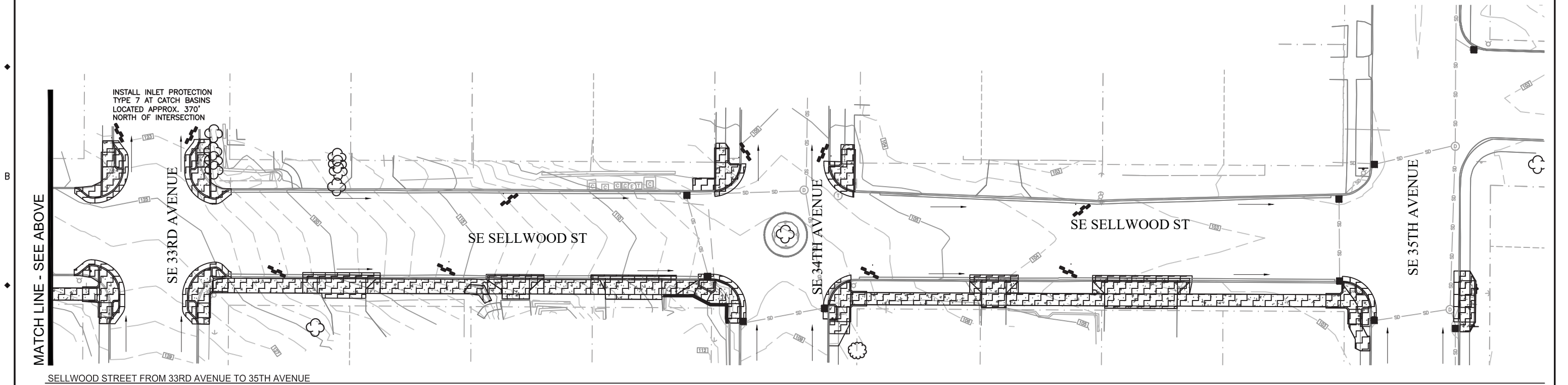
CONTRACT NO.:

DATE: 9/24/2018

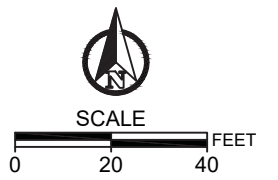
SHEET NO.: EC04



SELLWOOD STREET FROM 31ST AVENUE TO WEST OF 33RD AVENUE
scale: 1" = 20'



SELLWOOD STREET FROM 33RD AVENUE TO 35TH AVENUE
scale: 1" = 20'



NO.	DATE	BY	REVISIONS

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CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

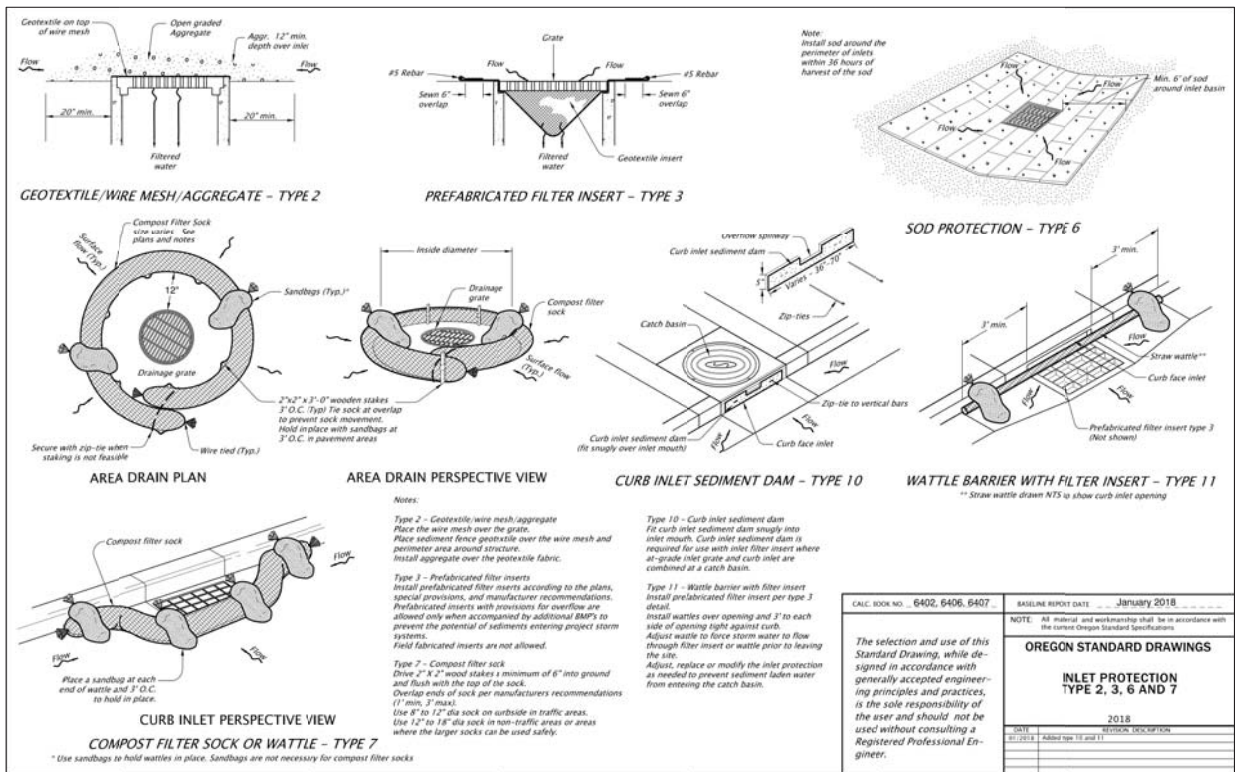
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

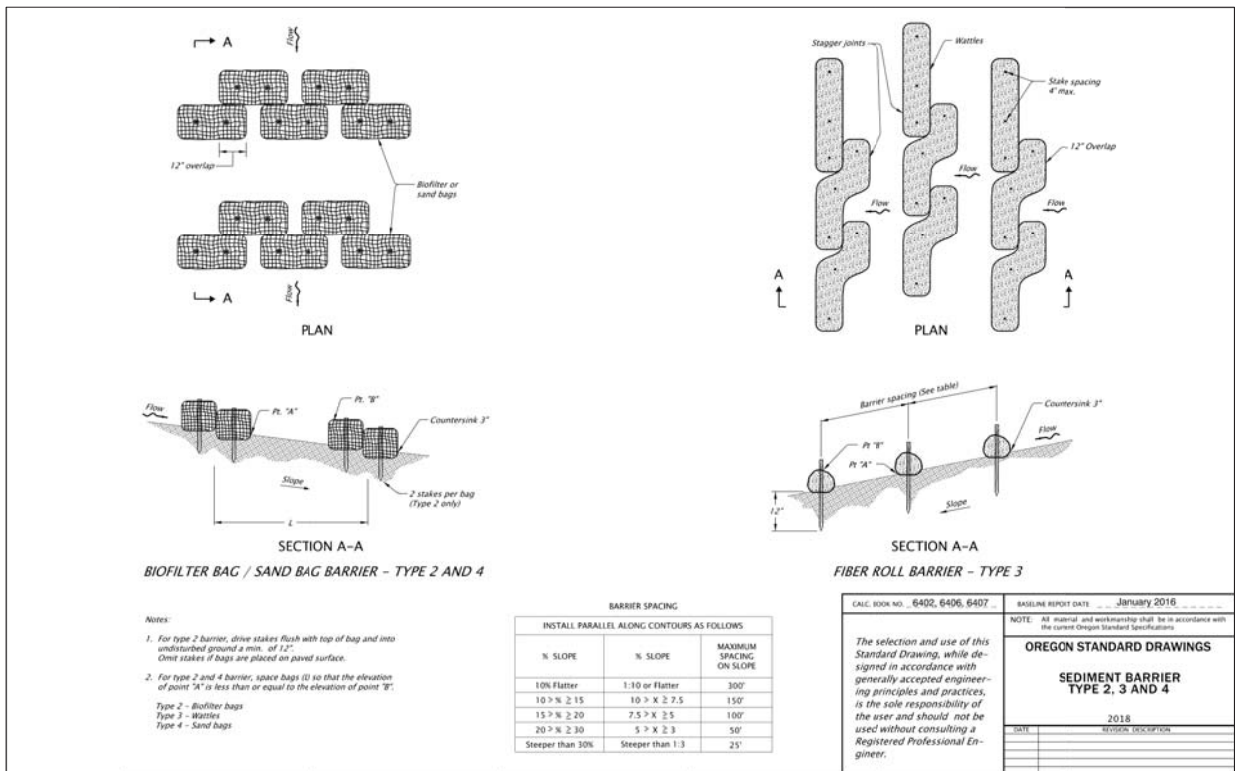
Sellwood / 30th Ave / Madison SAFE Project

SELLWOOD STREET EROSION & SEDIMENT CONTROL PLAN

PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: EC05
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OSD RD 1010
scale: NTS



OSD RD 1030
scale: NTS

NO.	DATE	BY	REVISIONS

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DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

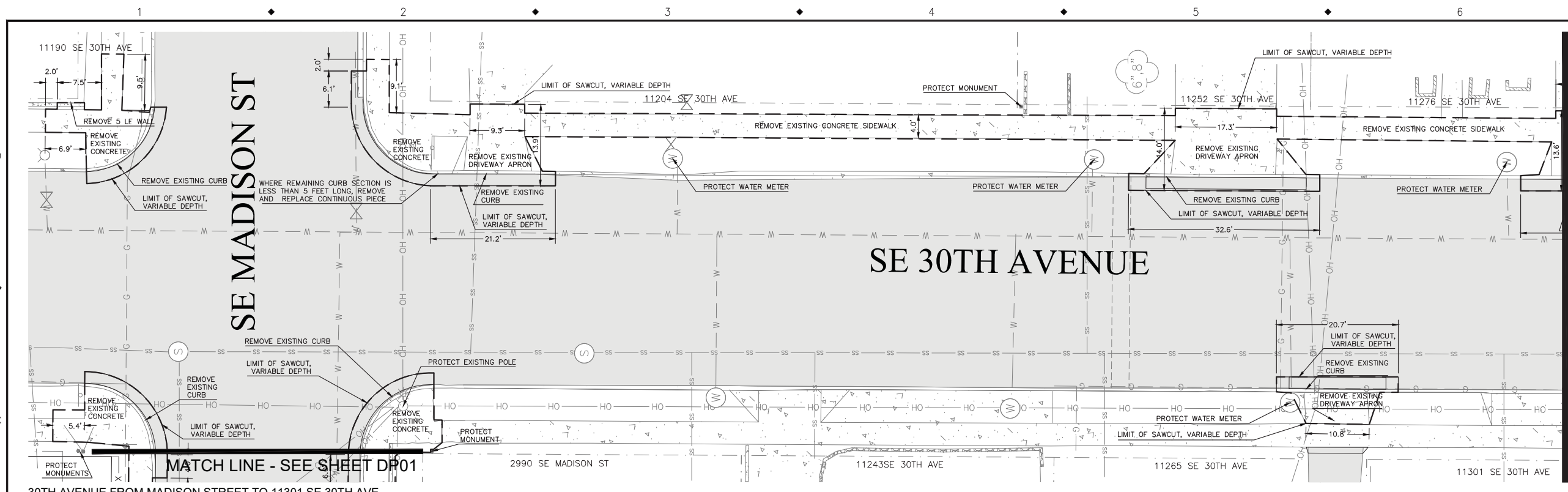
6101 SE JOHNSON CREEK BLVD.
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PHONE: 503-786-7600
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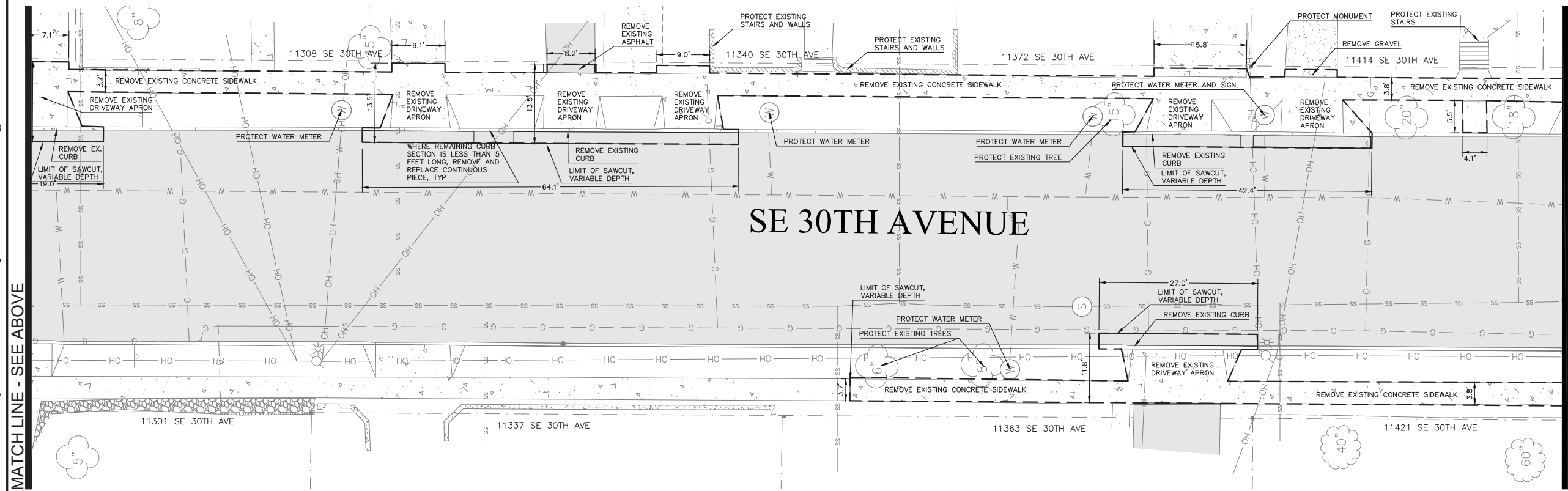
Sellwood / 30th Ave / Madison SAFE Project

EROSION & SEDIMENT CONTROL DETAILS

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: EC06



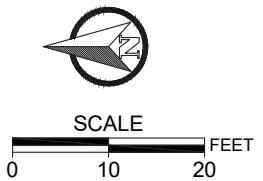
30TH AVENUE FROM MADISON STREET TO 11301 SE 30TH AVE
scale: 1" = 10'



30TH AVENUE FROM 11301 SE 30TH AVE TO 11421 SE 30TH AVE
scale: 1" = 10'

- DEMOLITION NOTES:**
1. LIMITS OF SAWCUT ARE APPROXIMATE, FIELD ADJUSTMENTS MAY BE NECESSARY TO MEET FINAL GRADE AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. LIMITS OF SAWCUT ARE TYPICALLY TWO FEET BEHIND FACE OF CURB.
 2. REMOVE EXISTING ASPHALT, CURB, CONCRETE SIDEWALK, DRIVEWAY APRON AS NOTED. DISPOSE AT A PROPER LANDFILL.
 3. PROTECT IN PLACE ALL EXISTING VALVE / METER, SURVEY MONUMENT, FIRE HYDRANT, UTILITY POLE, DRAIN PIPE, SIGNAGE, FENCE, AND RETAINING WALL, UNLESS SPECIFICALLY NOTED FOR REMOVAL.

- LEGEND**
- = FOUND MONUMENT
 - ⊙ = FIRE HYDRANT
 - ⌵ = GUY ANCHOR
 - ⊕ = GAS VALVE
 - ⊞ = MAIL BOX
 - ⊕ = STORM DRAIN MANHOLE
 - ⊕ = SANITARY SEWER MANHOLE
 - ⊕ = SIGN AS NOTED
 - ⊕ = UTILITY POLE
 - ⊕ = WATER METER
 - ⊕ = WATER VALVE
 - ⊕ = TELEPHONE JUNCTION BOX
 - ⊕ = POWER METER
 - ⊕ = CABLE JUNCTION BOX
 - ⊕ = YARD DRAIN
 - X - X - X - = CHAINLINK FENCE
 - - - - - = RIGHT OF WAY-SURVEYED
 - X - X - X - = WOOD FENCE
 - G - G - G - = UNDERGROUND GAS LINE
 - E - E - E - = UNDERGROUND POWER
 - SD - SD - = UNDERGROUND STORMDRAIN LINE
 - SS - SS - = UNDERGROUND SEWER LINE
 - FO - FO - = UNDERGROUND COMMUNICATION LINE
 - W - W - = UNDERGROUND WATER LINE
 - - - - - = AREA OF DEMOLITION



NO.	DATE	BY	REVISIONS

TP	6/12/2018	DESIGNED	DATE
TP	9/12/2018	DRAFTED	DATE
JG	10/3/2018	CHECKED	DATE
CE	10/1/2018	APPROVED	DATE



CITY OF MILWAUKIE

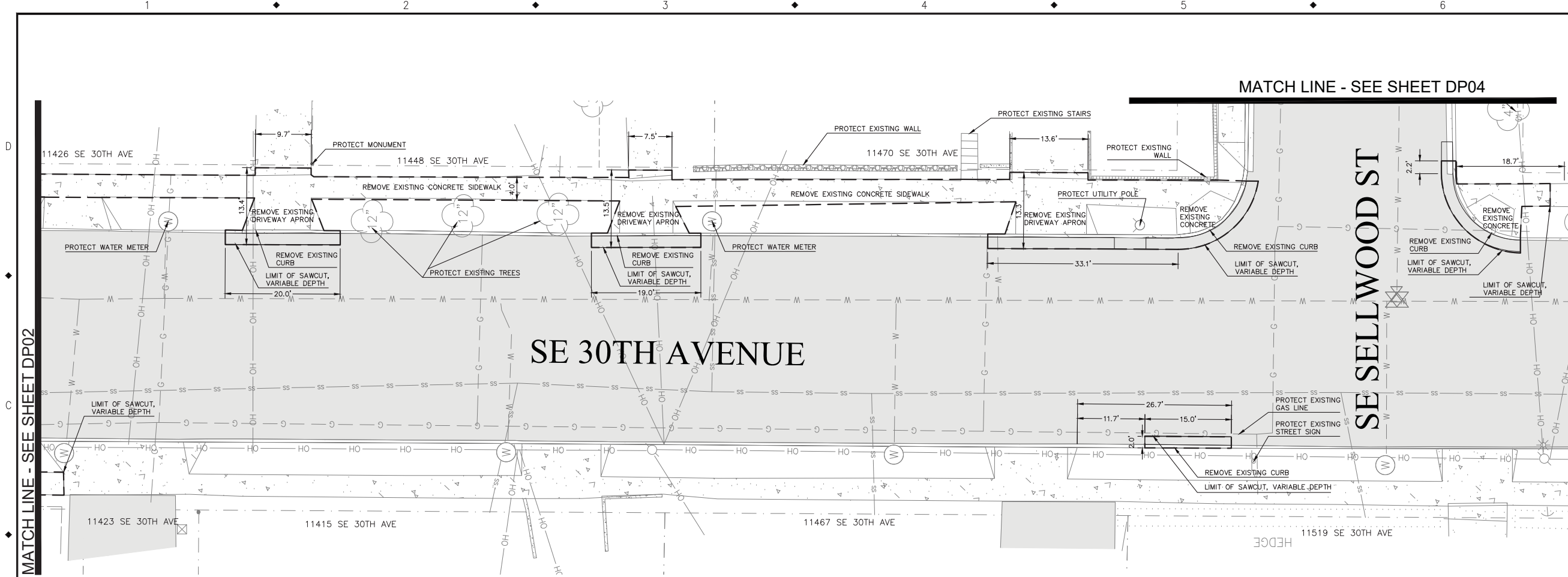
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MILWAUKIE, OR 97206

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FAX: 503-774-8236

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DEMOLITION PLAN - 30TH AVENUE

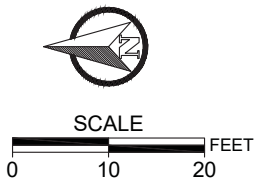
PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: DP02



- DEMOLITION NOTES:**
1. LIMITS OF SAWCUT ARE APPROXIMATE, FIELD ADJUSTMENTS MAY BE NECESSARY TO MEET FINAL GRADE AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. LIMITS OF SAWCUT ARE TYPICALLY TWO FEET BEHIND FACE OF CURB.
 2. REMOVE EXISTING ASPHALT, CURB, CONCRETE SIDEWALK, DRIVEWAY APRON AS NOTED. DISPOSE AT A PROPER LANDFILL.
 3. PROTECT IN PLACE ALL EXISTING VALVE / METER, SURVEY MONUMENT, FIRE HYDRANT, UTILITY POLE, DRAIN PIPE, SIGNAGE, FENCE, AND RETAINING WALL, UNLESS SPECIFICALLY NOTED FOR REMOVAL.

- LEGEND**
- = FOUND MONUMENT
 - ⊕ = FIRE HYDRANT
 - ⌵ = GUY ANCHOR
 - ⊕ = GAS VALVE
 - ⊕ = MAIL BOX
 - ⊕ = STORM DRAIN MANHOLE
 - ⊕ = SANITARY SEWER MANHOLE
 - ⊕ = SIGN AS NOTED
 - ⊕ = UTILITY POLE
 - ⊕ = WATER METER
 - ⊕ = WATER VALVE
 - ⊕ = TELEPHONE JUNCTION BOX
 - ⊕ = POWER METER
 - ⊕ = CABLE JUNCTION BOX
 - ⊕ = YARD DRAIN
 - X — X — X — = CHAINLINK FENCE
 - — — — — = RIGHT OF WAY—SURVEYED
 - X — X — X — = WOOD FENCE
 - G — G — G — = UNDERGROUND GAS LINE
 - E — E — E — = UNDERGROUND POWER
 - SD — SD — = UNDERGROUND STORMDRAIN LINE
 - SS — SS — = UNDERGROUND SEWER LINE
 - FO — FO — = UNDERGROUND COMMUNICATION LINE
 - W — W — W — = UNDERGROUND WATER LINE
 - --- --- = AREA OF DEMOLITION

30TH AVENUE FROM 11423 SE 30TH AVE TO SELLWOOD ST
scale: 1" = 10'



NO.	DATE	BY	REVISIONS

TP	6/12/2018
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JG	10/3/2018
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APPROVED	DATE



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DEMOLITION PLAN - 30TH AVENUE

PROJECT NO.:	CIP2018-T41	CONTRACT NO.:		DATE:	9/24/2018	SHEET NO.:	DP03
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MATCH LINE - SEE SHEET DP05

SELLWOOD ST FROM 34TH AVE TO 35TH AVE
scale: 1" = 10'

DEMOLITION NOTES:

- LIMITS OF SAWCUT ARE APPROXIMATE, FIELD ADJUSTMENTS MAY BE NECESSARY TO MEET FINAL GRADE AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. LIMITS OF SAWCUT ARE TYPICALLY TWO FEET BEHIND FACE OF CURB.
- REMOVE EXISTING ASPHALT, CURB, CONCRETE SIDEWALK, DRIVEWAY APRON AS NOTED. DISPOSE AT A PROPER LANDFILL.
- PROTECT IN PLACE ALL EXISTING VALVE / METER, SURVEY MONUMENT, FIRE HYDRANT, UTILITY POLE, DRAIN PIPE, SIGNAGE, FENCE, AND RETAINING WALL, UNLESS SPECIFICALLY NOTED FOR REMOVAL.

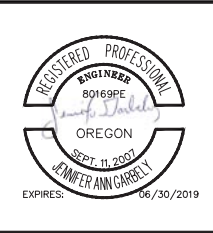
LEGEND

- = FOUND MONUMENT
- ⊕ = FIRE HYDRANT
- ⌵ = GUY ANCHOR
- ⊠ = GAS VALVE
- ⊞ = MAIL BOX
- ⊝ = STORM DRAIN MANHOLE
- ⊙ = SANITARY SEWER MANHOLE
- ⊕ = SIGN AS NOTED
- ⊕ = UTILITY POLE
- ⊕ = WATER METER
- ⊕ = WATER VALVE
- ⊞ = TELEPHONE JUNCTION BOX
- ⊕ = POWER METER
- ⊞ = CABLE JUNCTION BOX
- = YARD DRAIN
- X - X - X - = CHAINLINK FENCE
- - - - - = RIGHT OF WAY - SURVEYED
- X - X - X - = WOOD FENCE
- G - G - G - = UNDERGROUND GAS LINE
- E - E - E - = UNDERGROUND POWER
- SD - SD - SD - = UNDERGROUND STORM DRAIN LINE
- SS - SS - SS - = UNDERGROUND SEWER LINE
- FO - FO - FO - = UNDERGROUND COMMUNICATION LINE
- W - W - W - = UNDERGROUND WATER LINE
- - - - - = AREA OF DEMOLITION



NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
TP	9/12/2018
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CITY OF MILWAUKIE

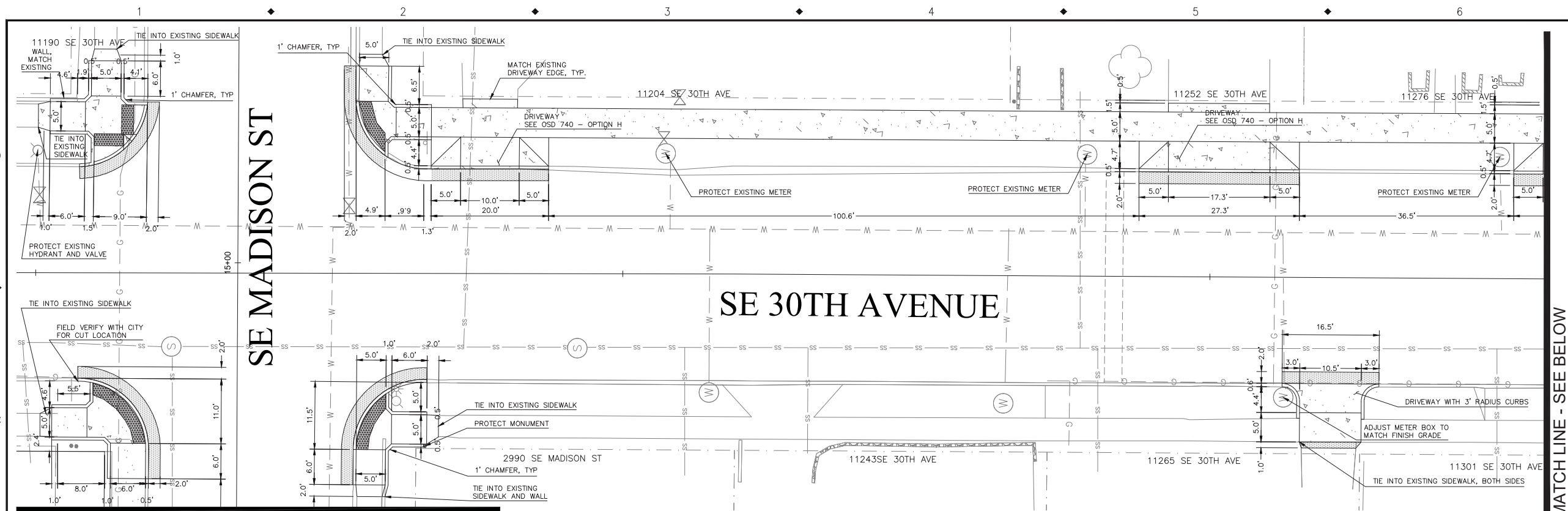
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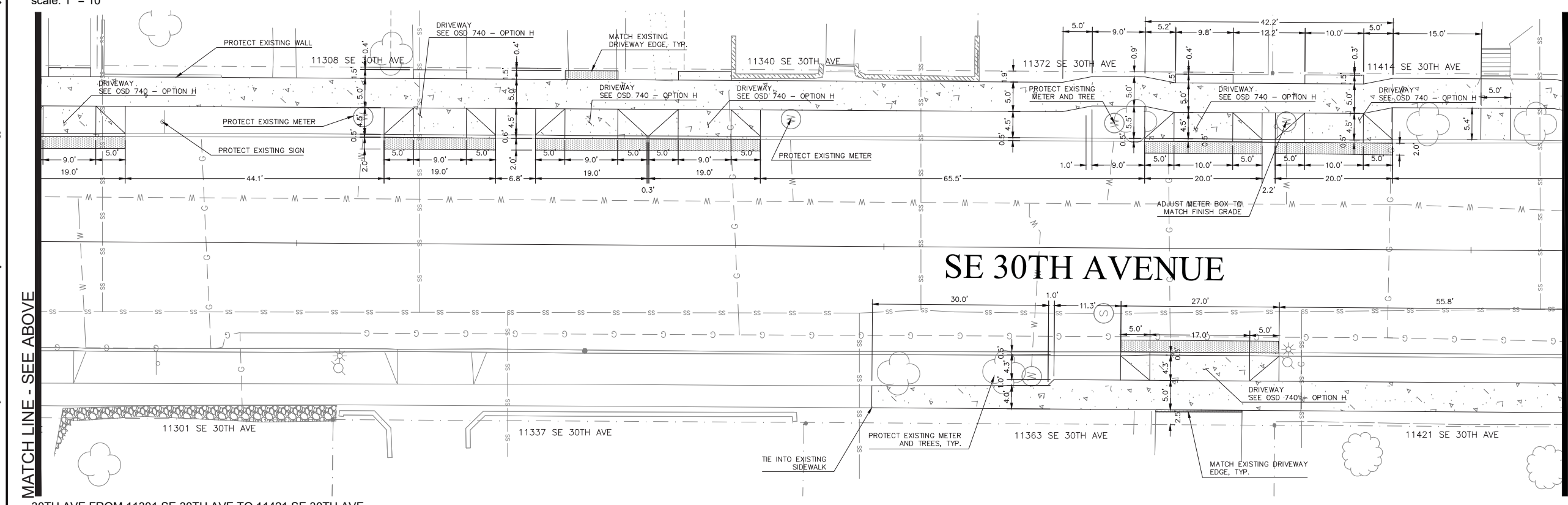
DEMOLITION PLAN - SELLWOOD STREET

PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: DP06
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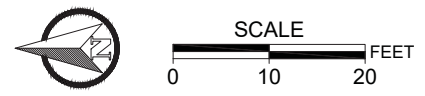
- CONSTRUCTION NOTES:**
- 4" MINIMUM OR MATCH EXISTING THICKNESS FOR ASPHALT CONCRETE, WHICHEVER IS GREATER.
 - ALL CORNER RADII ARE TO MATCH EXISTING DIMENSIONS (12' TO FACE OF CURB), UNLESS OTHERWISE NOTED ON PLAN.
 - USE RUBBERIZED SEALANT AT ALL ASPHALT JOINTS.
 - SEE OSD RD 700 FOR CURBS DETAILS. FOLLOW DETAILS FOR STANDARD CURB, AND CURB AND GUTTER FOR LOCATIONS NOTED ON PLAN. NEW CURB HEIGHT IS TO BE 6" MEASURED FROM TOP OF PAVEMENT (OR AS NOTED), WIDTH TO BE 6". MATCH EXISTING HEIGHT, WIDTH, AND GRADE WHERE ABUTTING EXISTING CURB.
 - SEE OSD RD 720 CONCRETE SIDEWALK DETAIL. SEPARATED SIDEWALK CROSS SECTION IS FIVE FEET UNLESS OTHERWISE NOTED ON PLAN. CURB LINE SIDEWALK CROSS SECTION IS SIX FEET UNLESS OTHERWISE NOTED ON PLAN.
 - SIDEWALK CROSS SLOPE 1.5% MAX AND SIDEWALK RAMP SLOPE 7.5% MAX, PER OSD RD 720, 740, 750, 756. SIDEWALK TURNING SPACE SLOPE 1.5% MAX, PER OSD RD 756. DIMENSIONS ON PLAN ARE SUBJECT TO CHANGE IN THE FIELD TO MEET SLOPE REQUIREMENTS.
 - SEE OSD RD 759 FOR TRUNCATED DOME DETAILS AND LOCATIONS. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE MASCO CAST-IN-TACT (BLACK) OR APPROVED EQUAL.
 - ADJUST ALL VALVES, METERS, MANHOLES, AND CATCH BASIN GRATES TO FINISHED GRADE, AS NECESSARY.
 - PROTECT ALL EXISTING TREES TO REMAIN AND ALL UTILITIES.

MATCH LINE - SEE SHEET CP01
 30TH AVE FROM MADISON TO 11301 SE 30TH AVE
 scale: 1" = 10'

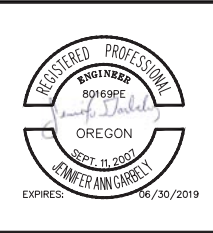


- LEGEND**
- = FOUND MONUMENT
 - ⊕ = FIRE HYDRANT
 - ⌵ = GUY ANCHOR
 - ⊕ = GAS VALVE
 - ⊕ = MAIL BOX
 - ⊕ = STORM DRAIN MANHOLE
 - ⊕ = SANITARY SEWER MANHOLE
 - ⊕ = SIGN AS NOTED
 - ⊕ = UTILITY POLE
 - ⊕ = WATER METER
 - ⊕ = WATER VALVE
 - ⊕ = TELEPHONE JUNCTION BOX
 - ⊕ = POWER METER
 - ⊕ = CABLE JUNCTION BOX
 - ⊕ = YARD DRAIN
 - ⊕ = TRUNCATED DOME
 - ⊕ = RIGHT OF WAY-SURVEYED
 - ⊕ = FENCE
 - ⊕ = UNDERGROUND GAS LINE
 - ⊕ = UNDERGROUND POWER
 - ⊕ = UNDERGROUND STORM/RAIN LINE
 - ⊕ = UNDERGROUND SEWER LINE
 - ⊕ = UNDERGROUND COMM. LINE
 - ⊕ = OVER-HEAD LINES
 - ⊕ = UNDERGROUND WATER LINE
 - ⊕ = UNDERGROUND UTILITY
 - ⊕ = ASPHALT
 - ⊕ = CONCRETE

MATCH LINE - SEE SHEET CP03
 30TH AVE FROM 11301 SE 30TH AVE TO 11421 SE 30TH AVE
 scale: 1" = 10'



TP	6/12/2018
DESIGNED	DATE
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DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

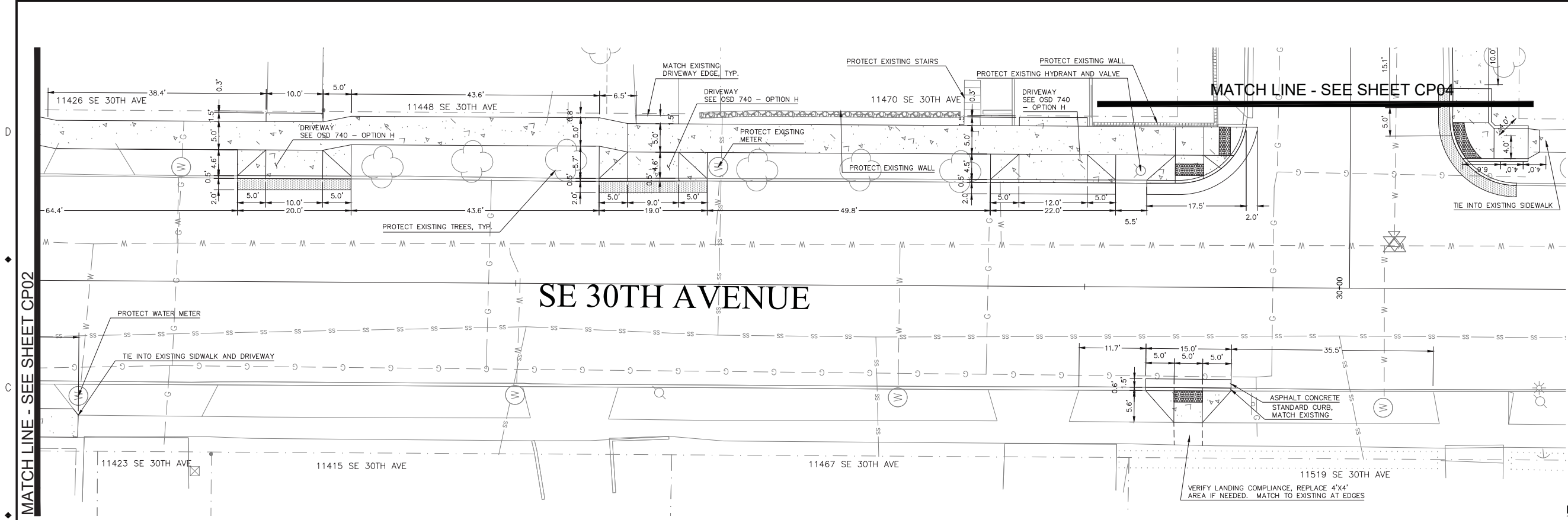
6101 SE JOHNSON CREEK BLVD.
 MILWAUKIE, OR 97206

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Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION PLAN - 30TH AVENUE

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: CP02



CONSTRUCTION NOTES:

- 4" MINIMUM OR MATCH EXISTING THICKNESS FOR ASPHALT CONCRETE, WHICHEVER IS GREATER. ALL CORNER RADII ARE TO MATCH EXISTING DIMENSIONS (12' TO FACE OF CURB), UNLESS OTHERWISE NOTED ON PLAN.
- USE RUBBERIZED SEALANT AT ALL ASPHALT JOINTS.
- SEE OSD RD 700 FOR CURBS DETAILS. FOLLOW DETAILS FOR STANDARD CURB, AND CURB AND GUTTER FOR LOCATIONS NOTED ON PLAN. NEW CURB HEIGHT IS TO BE 6" MEASURED FROM TOP OF PAVEMENT (OR AS NOTED), WIDTH TO BE 6". MATCH EXISTING HEIGHT, WIDTH, AND GRADE WHERE ABUTTING EXISTING CURB.
- SEE OSD RD 720 CONCRETE SIDEWALK DETAIL. SEPARATED SIDEWALK CROSS SECTION IS FIVE FEET UNLESS OTHERWISE NOTED ON PLAN. CURB LINE SIDEWALK CROSS SECTION IS SIX FEET UNLESS OTHERWISE NOTED ON PLAN.
- SIDEWALK CROSS SLOPE 1.5% MAX AND SIDEWALK RAMP SLOPE 7.5% MAX, PER OSD RD 720, 740, 750, 756. SIDEWALK TURNING SPACE SLOPE 1.5% MAX, PER OSD RD 756. DIMENSIONS ON PLAN ARE SUBJECT TO CHANGE IN THE FIELD TO MEET SLOPE REQUIREMENTS.
- SEE OSD RD 759 FOR TRUNCATED DOME DETAILS AND LOCATIONS. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE MASCO CAST-IN-TACT (BLACK) OR APPROVED EQUAL.
- ADJUST ALL VALVES, METERS, MANHOLES, AND CATCH BASIN GRATES TO FINISHED GRADE, AS NECESSARY.
- PROTECT ALL EXISTING TREES TO REMAIN AND ALL UTILITIES.

MATCH LINE - SEE SHEET CP02

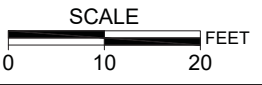
MATCH LINE - SEE SHEET CP04

SE 30TH AVENUE

30TH AVENUE FROM 11423 SE 30TH AVE TO SELLWOOD ST
scale: 1" = 10'

LEGEND

- = FOUND MONUMENT
- ⊕ = FIRE HYDRANT
- ⌵ = GUY ANCHOR
- ⊠ = GAS VALVE
- ⊠ = MAIL BOX
- ⊕ = STORM DRAIN MANHOLE
- ⊕ = SANITARY SEWER MANHOLE
- ⊕ = SIGN AS NOTED
- ⊕ = UTILITY POLE
- ⊕ = WATER METER
- ⊕ = WATER VALVE
- ⊠ = TELEPHONE JUNCTION BOX
- ⊠ = POWER METER
- ⊠ = CABLE JUNCTION BOX
- ⊕ = YARD DRAIN
- ⊠ = TRUNCATED DOME
- = RIGHT OF WAY - SURVEYED
- X --- X --- X --- = FENCE
- G --- G --- = UNDERGROUND GAS LINE
- E --- E --- = UNDERGROUND POWER
- SD --- SD --- = UNDERGROUND STORM DRAIN LINE
- SS --- SS --- = UNDERGROUND SEWER LINE
- FO --- FO --- = UNDERGROUND COMM. LINE
- OH --- OH --- = OVER-HEAD LINES
- W --- W --- = UNDERGROUND WATER LINE
- --- = UNDERGROUND UTILITY
- = ASPHALT
- = CONCRETE



NO.	DATE	BY	REVISIONS

TP	DESIGNED	6/12/2018	DATE
TP	DRAFTED	9/12/2018	DATE
JG	CHECKED	10/3/2018	DATE
CE	APPROVED	10/1/2018	DATE



CITY OF MILWAUKIE

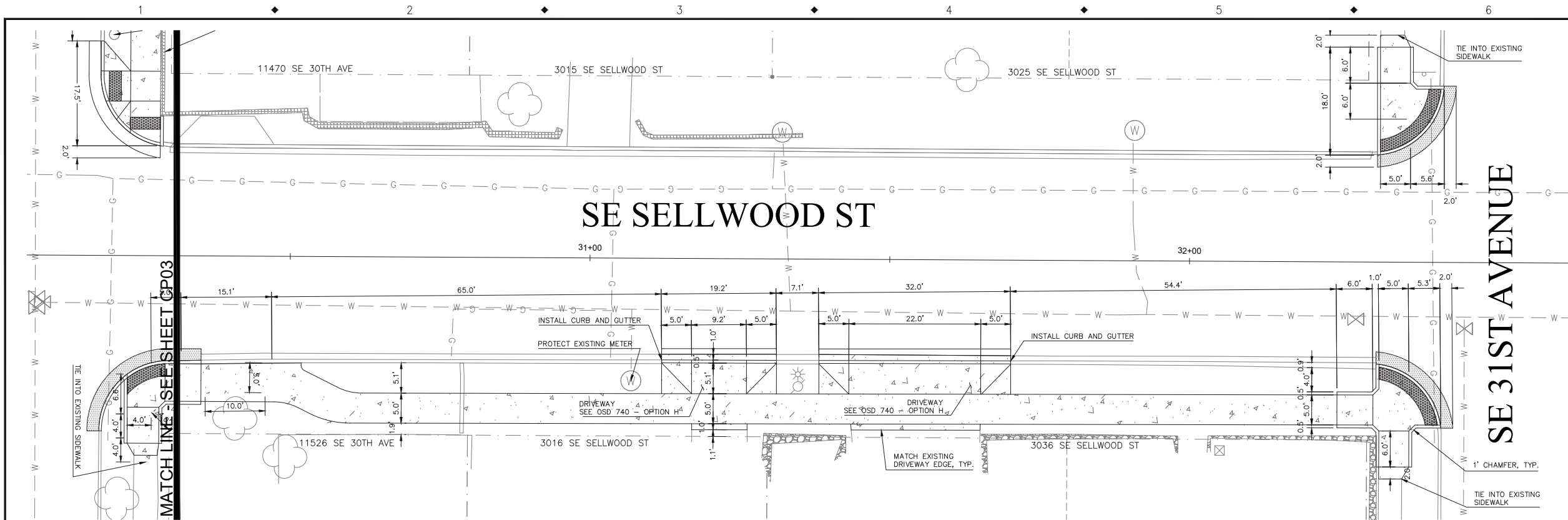
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

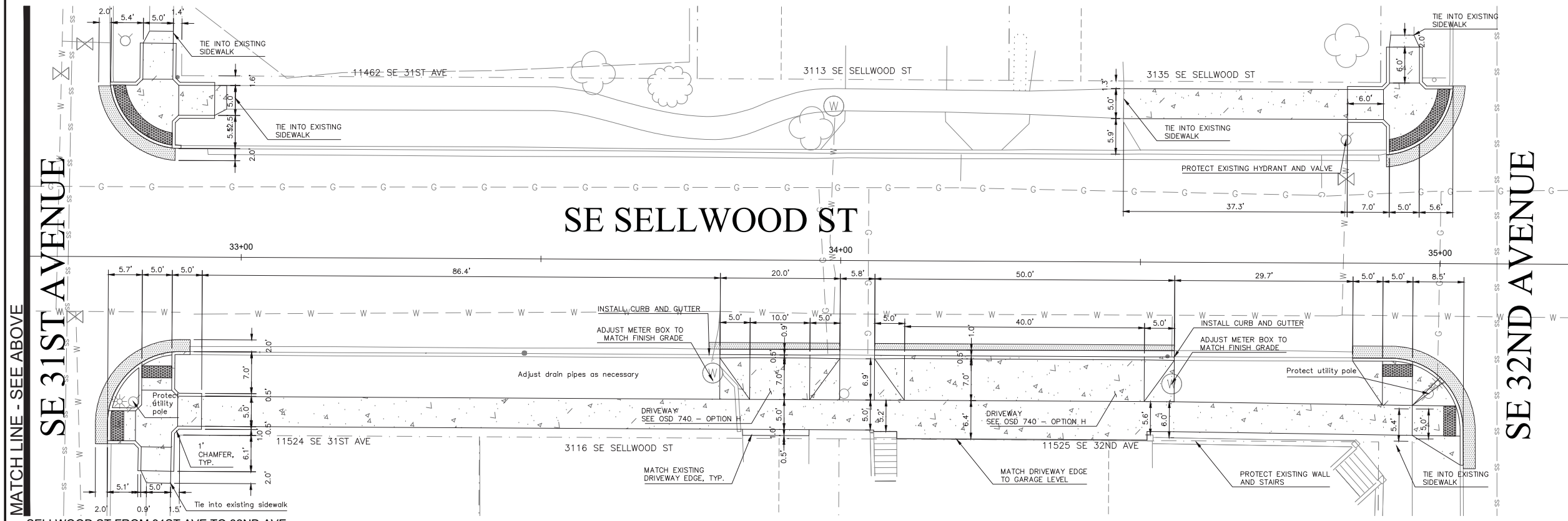
Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION PLAN - 30TH AVENUE

PROJECT NO.:	CIP2018-T41	CONTRACT NO.:		DATE:	9/24/2018	SHEET NO.:	CP03
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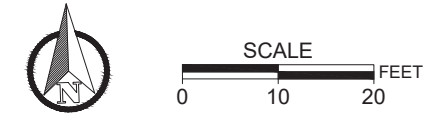
SELLWOOD ST FROM 11470 SE 30TH AVE TO 31ST AVE
scale: 1" = 10'



SELLWOOD ST FROM 31ST AVE TO 32ND AVE
scale: 1" = 10'

- CONSTRUCTION NOTES:**
- 4" MINIMUM OR MATCH EXISTING THICKNESS FOR ASPHALT CONCRETE, WHICHEVER IS GREATER. ALL CORNER RADII ARE TO MATCH EXISTING DIMENSIONS (12' TO FACE OF CURB), UNLESS OTHERWISE NOTED ON PLAN.
 - USE RUBBERIZED SEALANT AT ALL ASPHALT JOINTS.
 - SEE OSD RD 700 FOR CURBS DETAILS. FOLLOW DETAILS FOR STANDARD CURB, AND CURB AND GUTTER FOR LOCATIONS NOTED ON PLAN. NEW CURB HEIGHT IS TO BE 6" MEASURED FROM TOP OF PAVEMENT (OR AS NOTED), WIDTH TO BE 6". MATCH EXISTING HEIGHT, WIDTH, AND GRADE WHERE ABUTTING EXISTING CURB.
 - SEE OSD RD 720 CONCRETE SIDEWALK DETAIL. SEPARATED SIDEWALK CROSS SECTION IS FIVE FEET UNLESS OTHERWISE NOTED ON PLAN. CURB LINE SIDEWALK CROSS SECTION IS SIX FEET UNLESS OTHERWISE NOTED ON PLAN.
 - SIDEWALK CROSS SLOPE 1.5% MAX AND SIDEWALK RAMP SLOPE 7.5% MAX, PER OSD RD 720, 740, 750, 756. SIDEWALK TURNING SPACE SLOPE 1.5% MAX, PER OSD RD 756. DIMENSIONS ON PLAN ARE SUBJECT TO CHANGE IN THE FIELD TO MEET SLOPE REQUIREMENTS.
 - SEE OSD RD 759 FOR TRUNCATED DOME DETAILS AND LOCATIONS. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE MASCO CAST-IN-TACT (BLACK) OR APPROVED EQUAL.
 - ADJUST ALL VALVES, METERS, MANHOLES, AND CATCH BASIN GRATES TO FINISHED GRADE, AS NECESSARY.
 - PROTECT ALL EXISTING TREES TO REMAIN AND ALL UTILITIES.

- LEGEND**
- = FOUND MONUMENT
 - ⊕ = FIRE HYDRANT
 - ⊥ = GUY ANCHOR
 - ⊕ = GAS VALVE
 - ⊕ = MAIL BOX
 - ⊕ = STORM DRAIN MANHOLE
 - ⊕ = SANITARY SEWER MANHOLE
 - ⊕ = SIGN AS NOTED
 - ⊕ = UTILITY POLE
 - ⊕ = WATER METER
 - ⊕ = WATER VALVE
 - ⊕ = TELEPHONE JUNCTION BOX
 - ⊕ = POWER METER
 - ⊕ = CABLE JUNCTION BOX
 - ⊕ = YARD DRAIN
 - ⊕ = TRUNCATED DOME
 - - - - - = RIGHT OF WAY - SURVEYED
 - X - X - X - = FENCE
 - G - G - G - = UNDERGROUND GAS LINE
 - E - E - E - = UNDERGROUND POWER
 - SD - SD - SD - = UNDERGROUND STORM/RAIN LINE
 - SS - SS - SS - = UNDERGROUND SEWER LINE
 - FO - FO - FO - = UNDERGROUND COMM. LINE
 - OH - OH - OH - = OVER-HEAD LINES
 - W - W - W - = UNDERGROUND WATER LINE
 - - - - - = UNDERGROUND UTILITY
 - ▨ = ASPHALT
 - ▨ = CONCRETE



NO.	DATE	BY	REVISIONS

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DESIGNED	DATE
TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

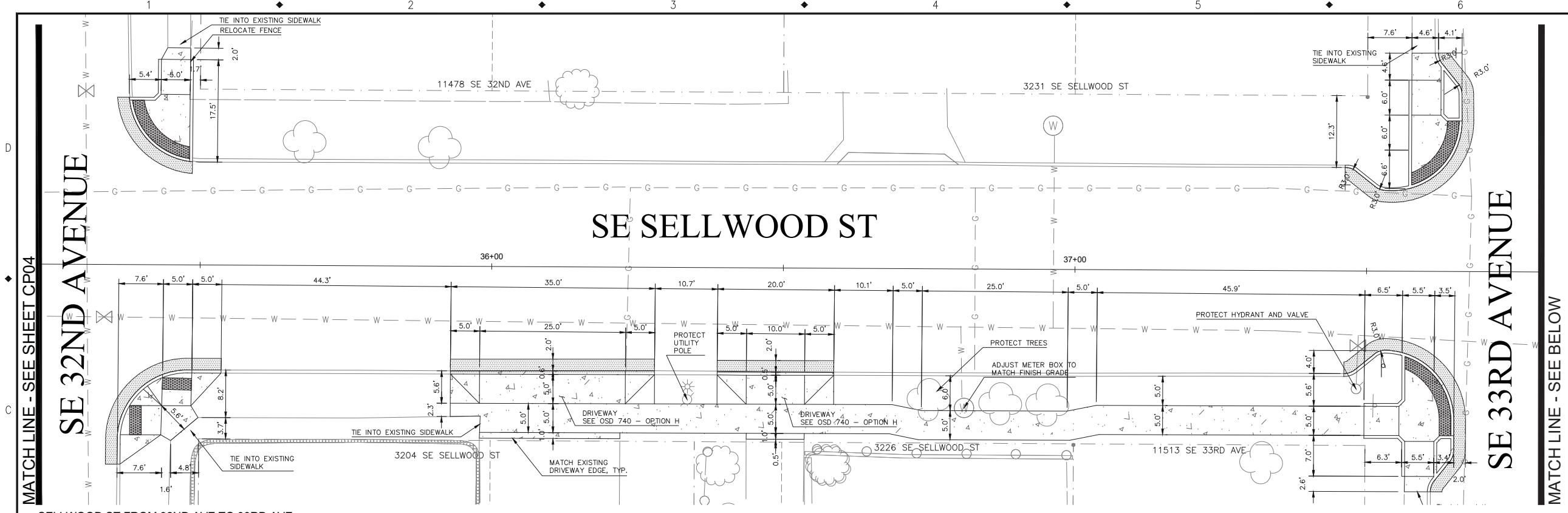
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

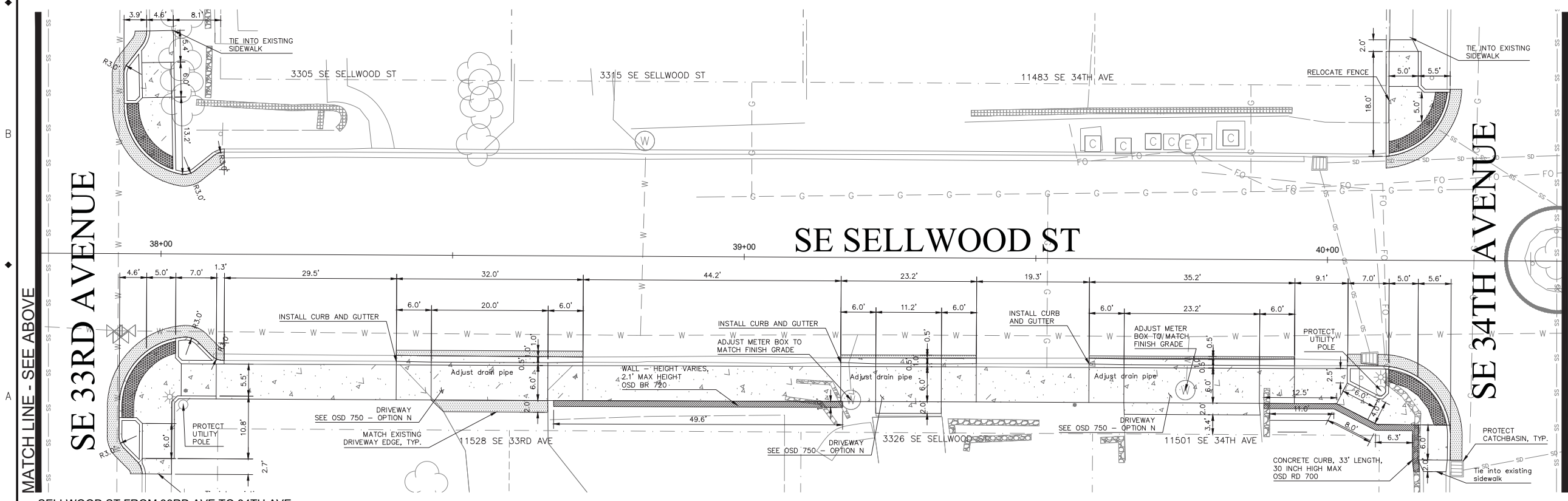
Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION PLAN - SELLWOOD STREET

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: CP04



SELLWOOD ST FROM 32ND AVE TO 33RD AVE
scale: 1" = 10'



SELLWOOD ST FROM 33RD AVE TO 34TH AVE
scale: 1" = 10'

- CONSTRUCTION NOTES:**
- 4" MINIMUM OR MATCH EXISTING THICKNESS FOR ASPHALT CONCRETE, WHICHEVER IS GREATER.
 - ALL CORNER RADII ARE TO MATCH EXISTING DIMENSIONS (12' TO FACE OF CURB), UNLESS OTHERWISE NOTED ON PLAN.
 - USE RUBBERIZED SEALANT AT ALL ASPHALT JOINTS.
 - SEE OSD RD 700 FOR CURBS DETAILS. FOLLOW DETAILS FOR STANDARD CURB, AND CURB AND GUTTER FOR LOCATIONS NOTED ON PLAN. NEW CURB HEIGHT IS TO BE 6" MEASURED FROM TOP OF PAVEMENT (OR AS NOTED), WIDTH TO BE 6". MATCH EXISTING HEIGHT, WIDTH, AND GRADE WHERE ABUTTING EXISTING CURB.
 - SEE OSD RD 720 CONCRETE SIDEWALK DETAIL. SEPARATED SIDEWALK CROSS SECTION IS FIVE FEET UNLESS OTHERWISE NOTED ON PLAN. CURB LINE SIDEWALK CROSS SECTION IS SIX FEET UNLESS OTHERWISE NOTED ON PLAN.
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 - SEE OSD RD 759 FOR TRUNCATED DOME DETAILS AND LOCATIONS. TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE MASCO CAST-IN-TACT (BLACK) OR APPROVED EQUAL.
 - ADJUST ALL VALVES, METERS, MANHOLES, AND CATCH BASIN GRATES TO FINISHED GRADE, AS NECESSARY.
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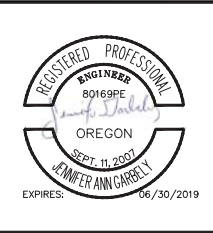
LEGEND

- = FOUND MONUMENT
- ⊕ = FIRE HYDRANT
- ⊥ = GUY ANCHOR
- ⊕ = GAS VALVE
- ⊕ = MAIL BOX
- ⊕ = STORM DRAIN MANHOLE
- ⊕ = SANITARY SEWER MANHOLE
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- ⊕ = WATER METER
- ⊕ = WATER VALVE
- ⊕ = TELEPHONE JUNCTION BOX
- ⊕ = POWER METER
- ⊕ = CABLE JUNCTION BOX
- ⊕ = YARD DRAIN
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- X — X — X — = RIGHT OF WAY - SURVEYED
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- G — G — G — = UNDERGROUND GAS LINE
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- OH — OH — OH — = OVER-HEAD LINES
- W — W — W — = UNDERGROUND WATER LINE
- — — — — = UNDERGROUND UTILITY
- — — — — = ASPHALT
- — — — — = CONCRETE

SCALE 0 10 20 FEET

NO.	DATE	BY	REVISIONS

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DESIGNED	DATE
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DRAFTED	DATE
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CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

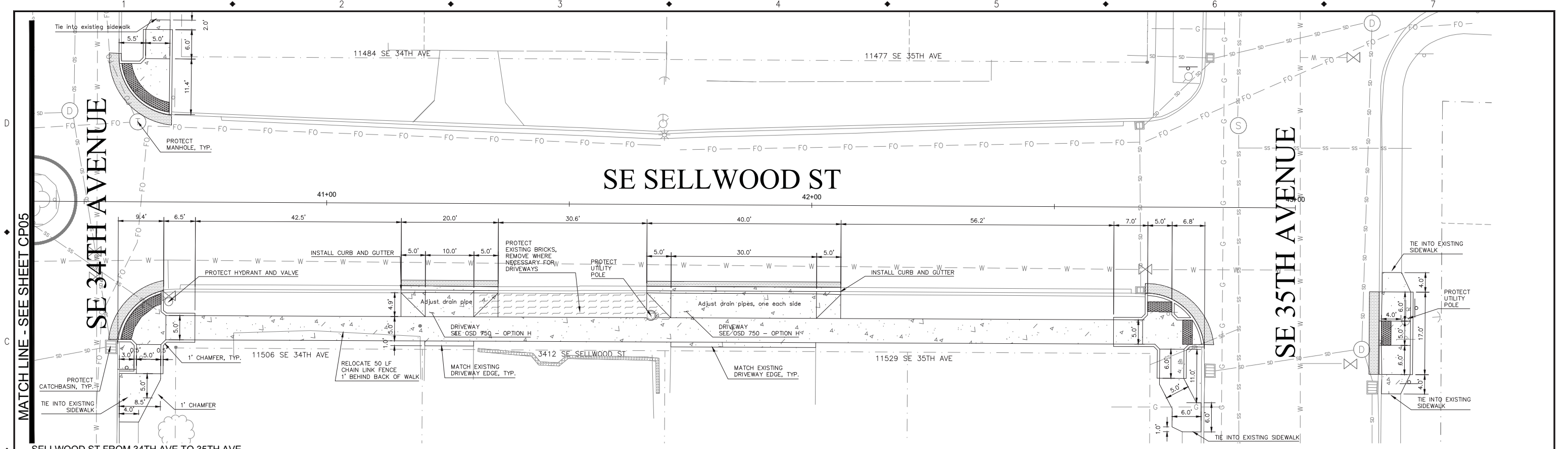
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION PLAN - SELLWOOD STREET

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: CP05



SELLWOOD ST FROM 34TH AVE TO 35TH AVE
scale: 1" = 10'

CONSTRUCTION NOTES:

- 4" MINIMUM OR MATCH EXISTING THICKNESS FOR ASPHALT CONCRETE, WHICHEVER IS GREATER.
- ALL CORNER RADII ARE TO MATCH EXISTING DIMENSIONS (12' TO FACE OF CURB), UNLESS OTHERWISE NOTED ON PLAN.
- USE RUBBERIZED SEALANT AT ALL ASPHALT JOINTS.
- SEE OSD RD 700 FOR CURBS DETAILS. FOLLOW DETAILS FOR STANDARD CURB, AND CURB AND GUTTER FOR LOCATIONS NOTED ON PLAN. NEW CURB HEIGHT IS TO BE 6" MEASURED FROM TOP OF PAVEMENT (OR AS NOTED), WIDTH TO BE 6". MATCH EXISTING HEIGHT, WIDTH, AND GRADE WHERE ABUTTING EXISTING CURB.
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- ADJUST ALL VALVES, METERS, MANHOLES, AND CATCH BASIN GRATES TO FINISHED GRADE, AS NECESSARY.
- PROTECT ALL EXISTING TREES TO REMAIN AND ALL UTILITIES.

LEGEND

- = FOUND MONUMENT
- ⊕ = FIRE HYDRANT
- ⊙ = GUY ANCHOR
- ⊕ = GAS VALVE
- ⊕ = MAIL BOX
- ⊕ = STORM DRAIN MANHOLE
- ⊕ = SANITARY SEWER MANHOLE
- ⊕ = SIGN AS NOTED
- ⊕ = UTILITY POLE
- ⊕ = WATER METER
- ⊕ = WATER VALVE
- ⊕ = TELEPHONE JUNCTION BOX
- ⊕ = POWER METER
- ⊕ = CABLE JUNCTION BOX
- ⊕ = YARD DRAIN
- ⊕ = TRUNCATED DOME
- = RIGHT OF WAY--SURVEYED
- X X X = FENCE
- G G = UNDERGROUND GAS LINE
- E E = UNDERGROUND POWER
- SD SD = UNDERGROUND STORMDRAIN LINE
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- = ASPHALT
- = CONCRETE



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TP	DRAFTED	9/12/2018	DATE
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CITY OF MILWAUKIE

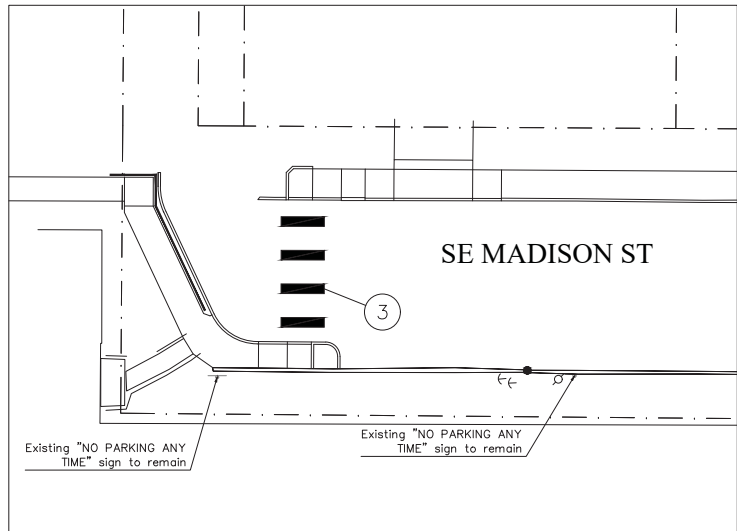
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
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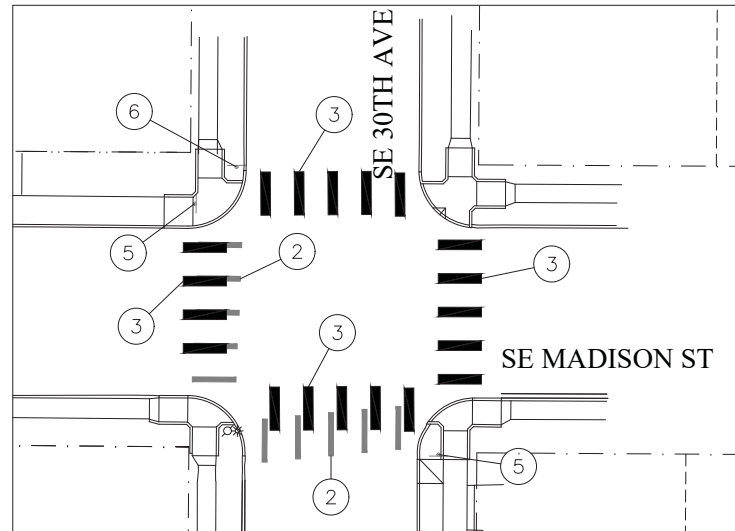
Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION PLAN - SELLWOOD STREET

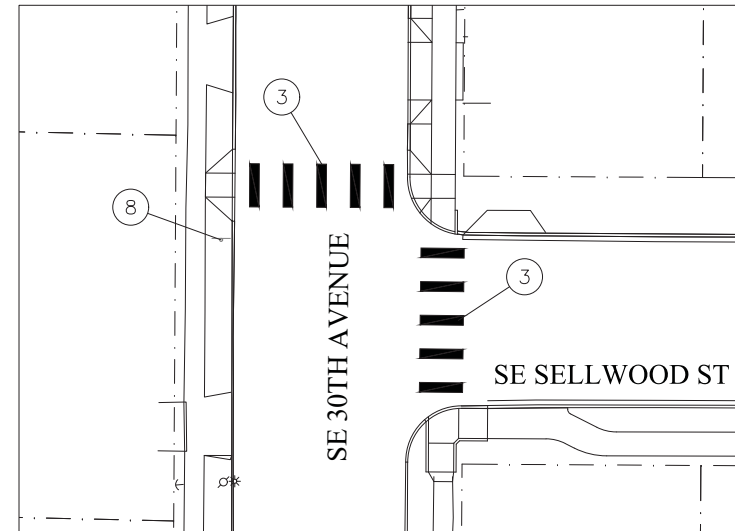
PROJECT NO.:	CIP2018-T41	CONTRACT NO.:		DATE:	9/24/2018	SHEET NO.:	CP06
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WEST END OF MADISON STREET
scale: 1" = 20'

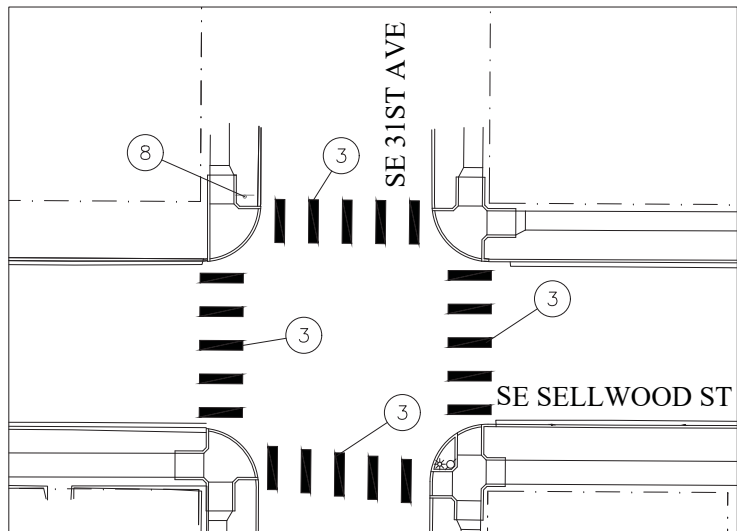


MADISON STREET AND 30TH AVENUE
scale: 1" = 20'

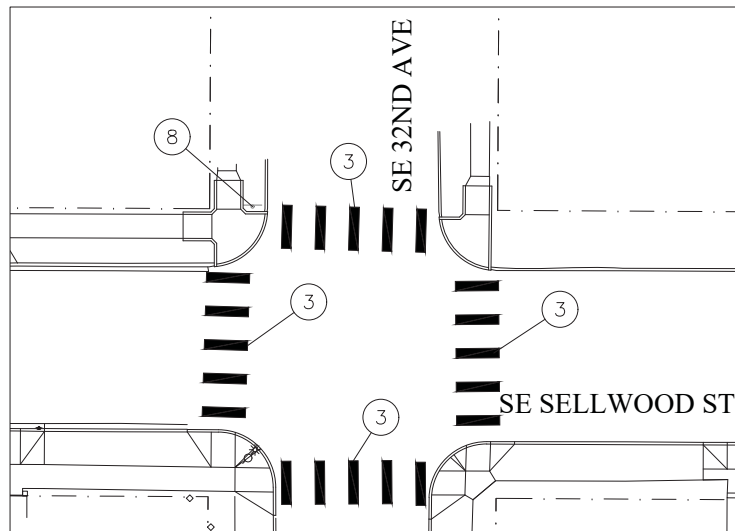


SELLWOOD STREET AND 30TH AVENUE
scale: 1" = 20'

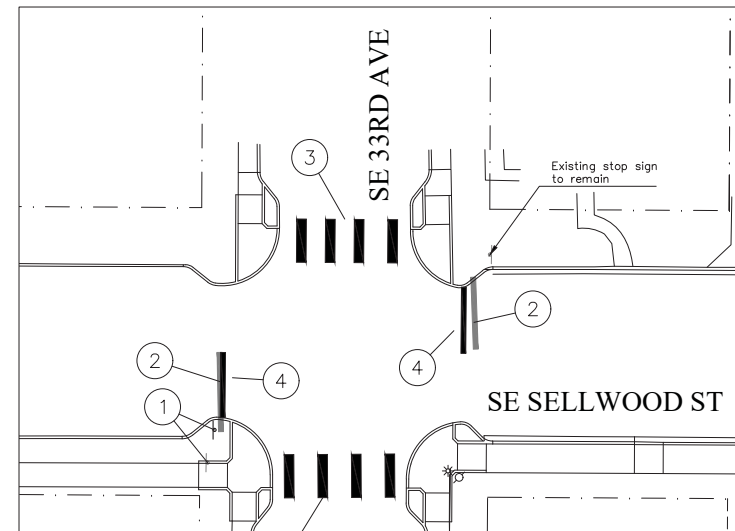
- CONSTRUCTION NOTES:**
- ① REMOVE EXISTING STREET SIGN. REPLACE POST PER DETAIL OSD TM 681. INSTALL PER THE OREGON STANDARD DRAWING (OSD) TM 200 - SIGN INSTALLATION DETAIL, AS MODIFIED.
 - ② REMOVE EXISTING STRIPING.
 - ③ WHITE THERMOPLASTIC STRIPE (STAGGERED CONTINENTAL CROSSWALK 2" WHITE BARS), PER THE OSD TM 503 - PAVEMENT MARKINGS STANDARD DETAIL BLOCKS.
 - ④ WHITE THERMOPLASTIC STRIPE (STOP BAR 1' WHITE BAR), PER THE OSD TM 503 - PAVEMENT MARKINGS STANDARD DETAIL BLOCKS.
 - ⑤ REMOVE EXISTING SIGN
 - ⑥ REPLACE POST WITH PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT. SEE DETAIL OSD TM 681.
 - ⑦ RELOCATE EXISTING SIGN. INSTALL PER THE OSD TM 200 - SIGN INSTALLATION DETAIL, AS MODIFIED.
 - ⑧ REPLACE POST WITH PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT. SEE DETAIL OSD TM 681. UPDATE AND REPLACE SIGN PER MUTCD.



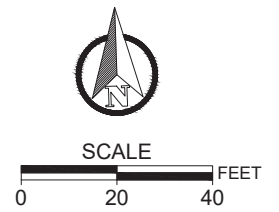
SELLWOOD STREET AND 31ST AVENUE
scale: 1" = 20'



SELLWOOD STREET AND 32ND AVENUE
scale: 1" = 20'



SELLWOOD STREET AND 33RD AVENUE
scale: 1" = 20'



NO.	DATE	BY	REVISIONS

TP	6/12/2018
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TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

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MILWAUKIE, OR 97206

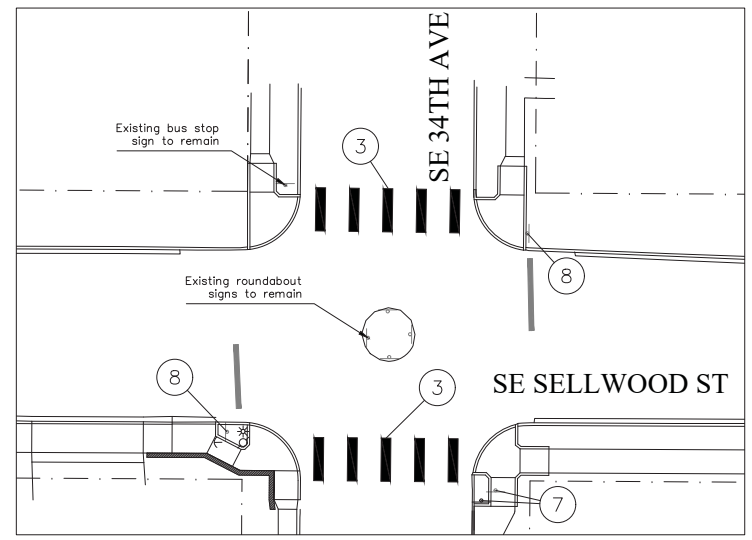
PHONE: 503-786-7600
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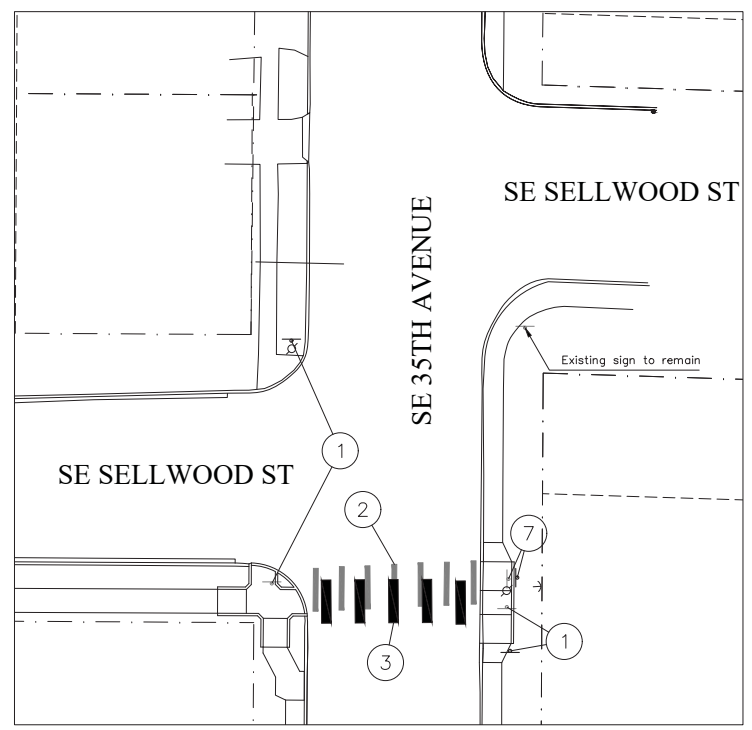
SIGNING AND MARKING PLAN

PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: SN01
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C
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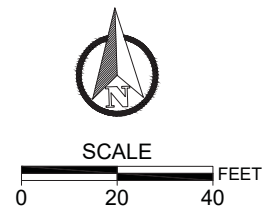


SELLWOOD STREET AND 34TH AVENUE
scale: 1" = 20'



SELLWOOD STREET AND 35TH AVENUE
scale: 1" = 20'

- CONSTRUCTION NOTES:**
- ① REMOVE EXISTING STREET SIGN. REPLACE POST PER DETAIL OSD TM 681. INSTALL PER THE OREGON STANDARD DRAWING (OSD) TM 200 - SIGN INSTALLATION DETAIL, AS MODIFIED.
 - ② REMOVE EXISTING STRIPING.
 - ③ WHITE THERMOPLASTIC STRIPE (STAGGERED CONTINENTAL CROSSWALK 2" WHITE BARS), PER THE OSD TM 503 - PAVEMENT MARKINGS STANDARD DETAIL BLOCKS.
 - ④ WHITE THERMOPLASTIC STRIPE (STOP BAR 1' WHITE BAR), PER THE OSD TM 503 - PAVEMENT MARKINGS STANDARD DETAIL BLOCKS.
 - ⑤ REMOVE EXISTING SIGN
 - ⑥ REPLACE POST WITH PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT. SEE DETAIL OSD TM 681.
 - ⑦ RELOCATE EXISTING SIGN. INSTALL PER THE OSD TM 200 - SIGN INSTALLATION DETAIL, AS MODIFIED.
 - ⑧ REPLACE POST WITH PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT. SEE DETAIL OSD TM 681. UPDATE AND REPLACE SIGN PER MUTCD.



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TP	DRAFTED	9/12/2018	DATE
JG	CHECKED	10/3/2018	DATE
CE	APPROVED	10/1/2018	DATE



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MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

SIGNING AND MARKING PLAN

PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: SN02
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1

2

3

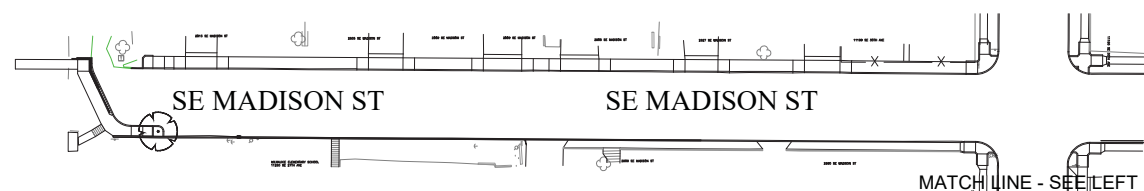
4

5

6

7

MATCH LINE - SEE RIGHT



MADISON STREET
scale: 1" = 50'

PLANT LEGEND							
TYPE	QTY.	SIZE	SPACING	BOTANIC NAME	COMMON NAME	REMARKS	
TREES:							
🏠	05	2" CAL	AS SHOWN	Malus 'Prairifire'	Prairifire Crabapple		
🌳	12	2" CAL	AS SHOWN	Prunus cerasifera 'Newport'	Newport Plum		

PROJECT INCLUDES TOPSOIL AND BARK MULCH WITHIN NEW PLANTERS AT THE INTERSECTION OF 33RD & SELLWOOD AND THE WEST END OF MADISON AND TOPSOIL AS NEEDED ADJACENT TO ALL SIDEWALK.

LANDSCAPE NOTES:

1. FRACTURE AND LOOSEN SOIL TO A DEPTH OF 12" BELOW GRADE BEFORE INSTALLING BLENDED SOIL OR AGGREGATE. SO NOT TILL.
2. TO THE MAXIMUM EXTENT POSSIBLE SET TREE ROOT BALL ON "PEDESTAL" OF NATIVE/UNDISTURBED SOIL TO AVOID SETTLING.
3. SET TRUNK FLARE TWO INCHES ABOVE THE FINISHED SOIL SURFACE.
4. REMOVE ALL TWINE, WIRE, ROOT BAGS, BURLAP, AND ALL OTHER NURSERY MATERIALS FROM TREE PRIOR TO BACKFILLING.

D

◆

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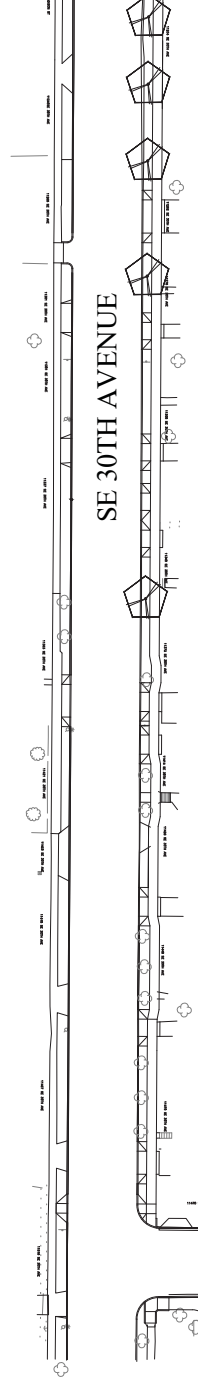
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◆

B

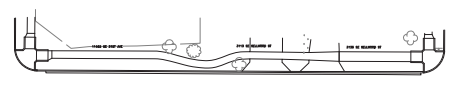
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A



SE 30TH AVENUE

SE 31ST AVENUE



SE 32ND AVENUE



SE 33RD AVENUE

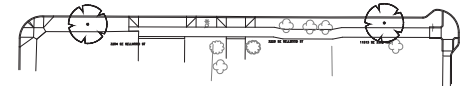


SE 34TH AVENUE

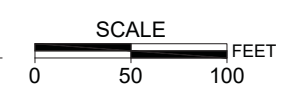


SE 35TH AVENUE

SE SELLWOOD ST



STREET TREE PLANTING PLAN
scale: 1" = 50'



NO.	DATE	BY	REVISIONS

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DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
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MILWAUKIE, OR 97206

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Sellwood / 30th Ave / Madison SAFE Project

LANDSCAPE PLAN

PROJECT NO.: CIP2018-T41

CONTRACT NO.:

DATE: 9/24/2018

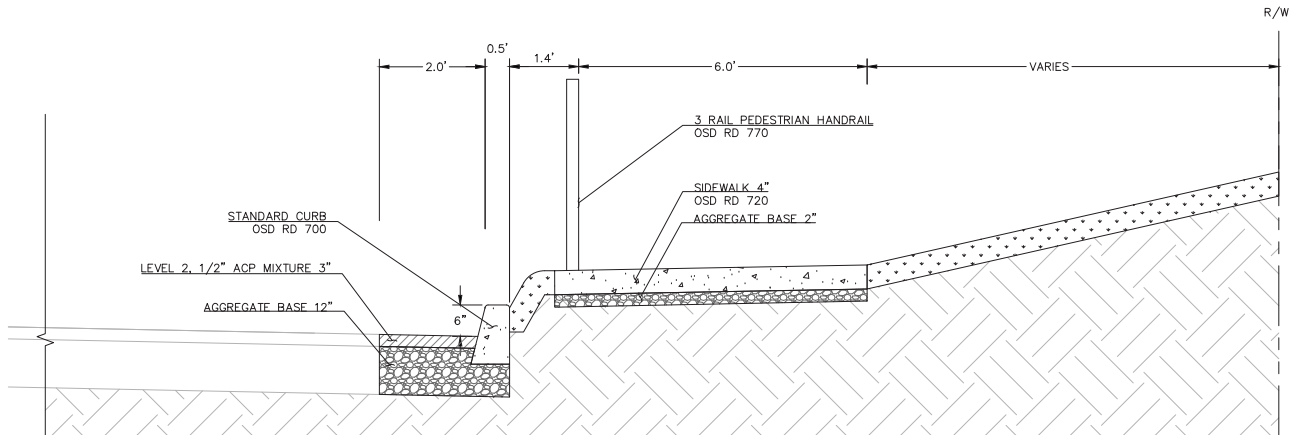
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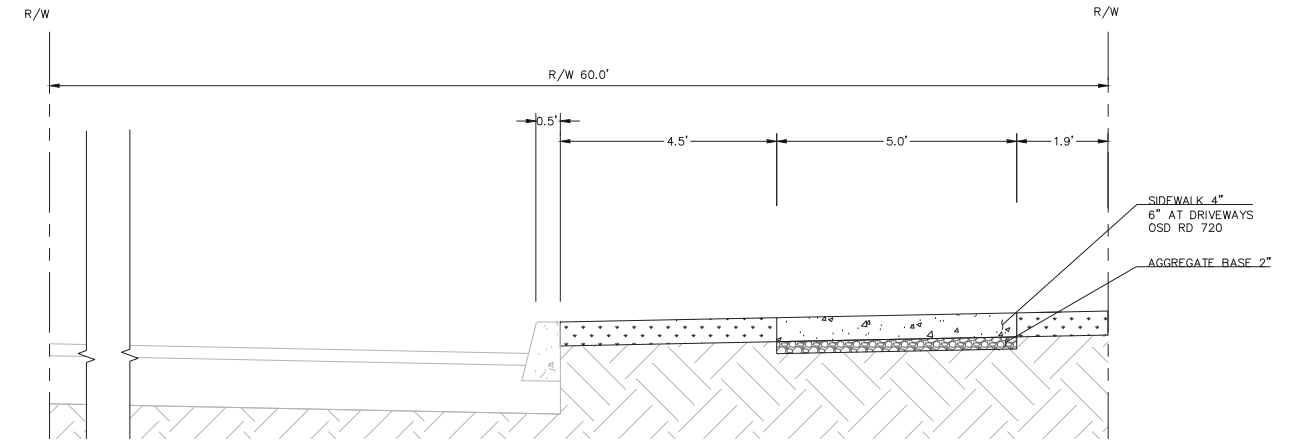
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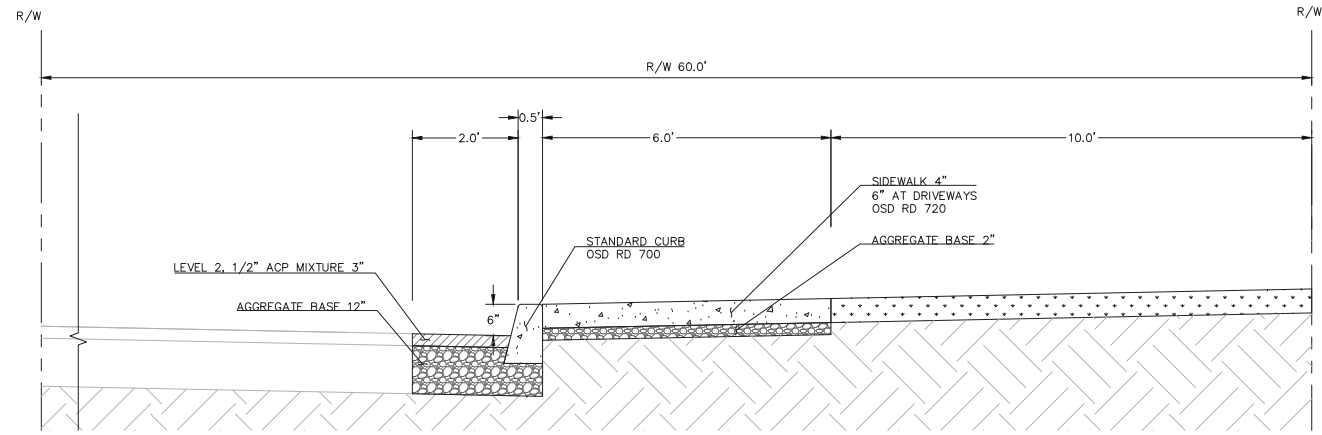
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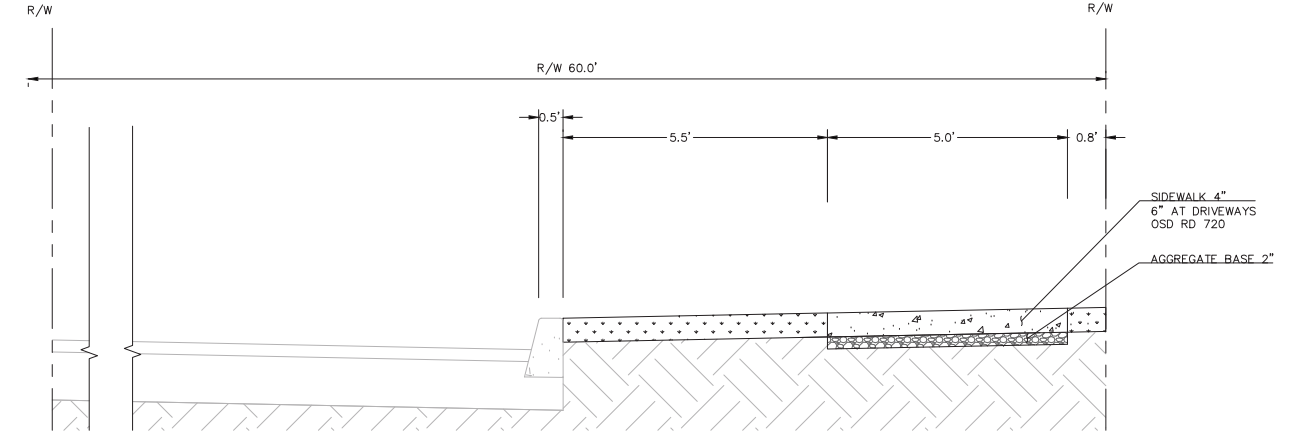
② SE MADISON SEPARATED SIDEWALK
 STA: 10+0.45 TO 10+40.09
 scale: NTS



① SE 30TH SEPARATED SIDEWALK
 STA: 21+17.34 TO 24+84.30, 24+94.29 TO 25+36.54, 25+66.57 TO 26+20.91, 26+64.51 TO 27+65.80
 scale: NTS



② SE MADISON CURB TIGHT SIDEWALK
 STA: 10+34.07 TO 14+63.15
 scale: NTS



② SE 30TH SEPARATED SIDEWALK
 STA: 25+36.54 TO 25+66.57, 26+20.91 TO 26+64.51
 scale: NTS

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PHONE: 503-786-7600
 FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

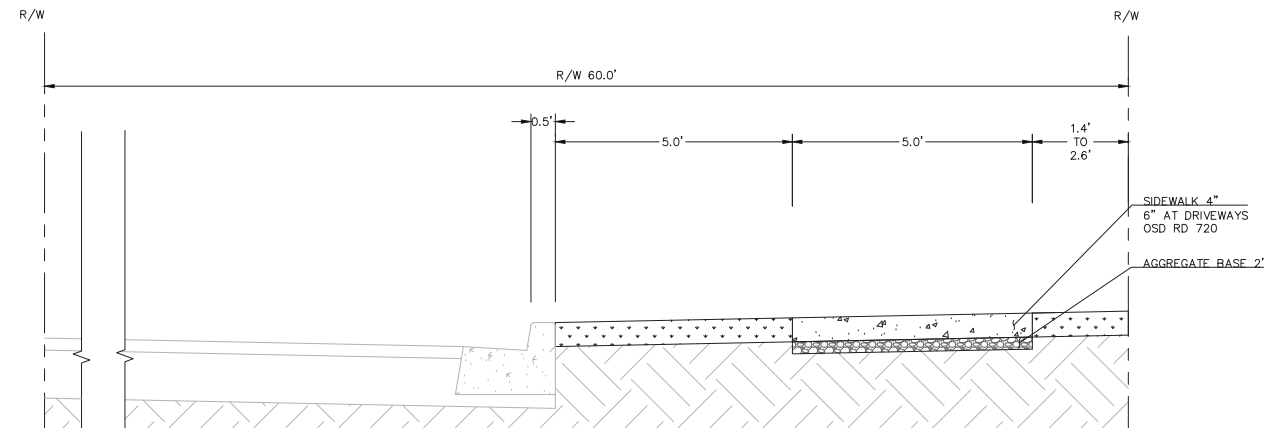
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PROJECT NO.: CIP2018-T41

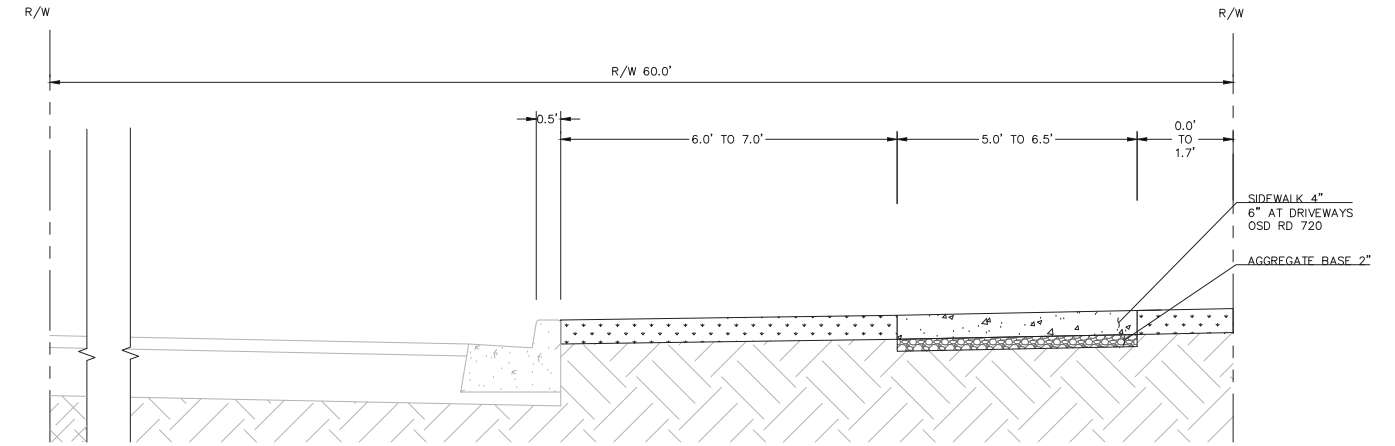
CONTRACT NO.:

DATE: 9/24/2018

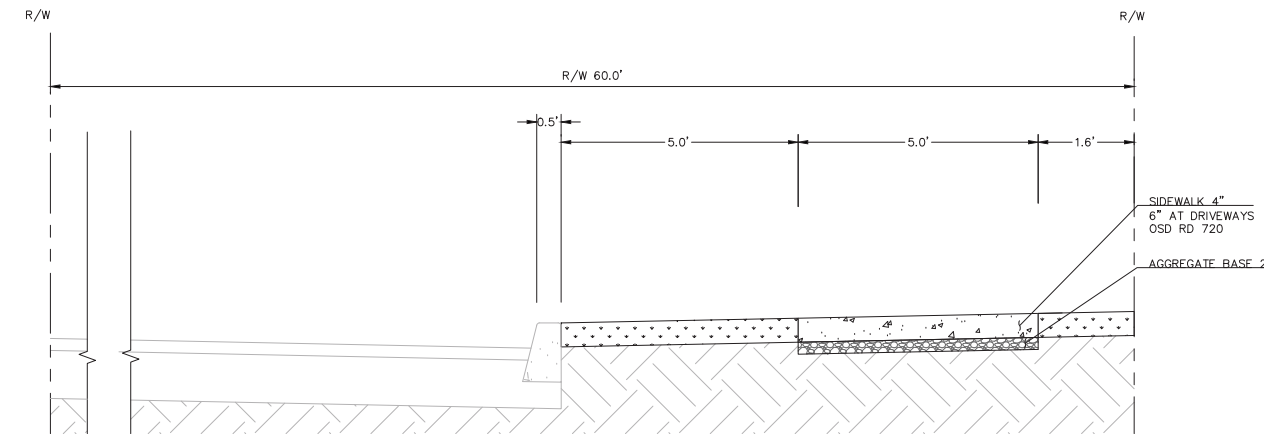
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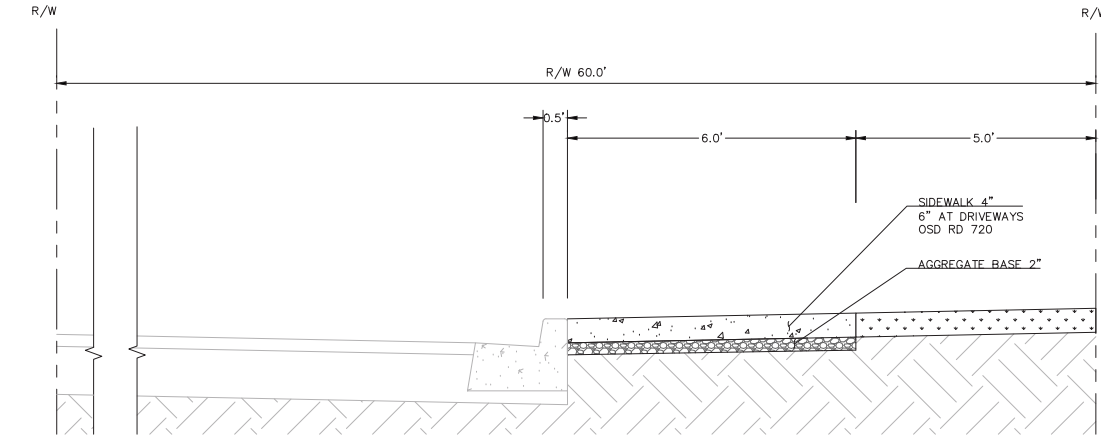
1 SE SELLWOOD SEPARATED SIDEWALK
 STA: 30+28.93 TO 32+30.72, 32+89.54 TO 34+95.48, 40+66.97 TO 42+68.33
 scale: NTS



3 SE SELLWOOD SEPARATED SIDEWALK
 STA: 32+89.54 TO 34+05.65, 34+05.65 TO 34+95.48, 36+68.78 TO 37+03.78
 scale: NTS



2 SE SELLWOOD SEPARATED SIDEWALK
 STA: 35+98.01 TO 36+68.78, 37+03.78 TO 37+55.69
 scale: NTS



4 SE SELLWOOD CURB TIGHT SIDEWALK
 STA: 38+08.95 TO 40+01.70
 scale: NTS

NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

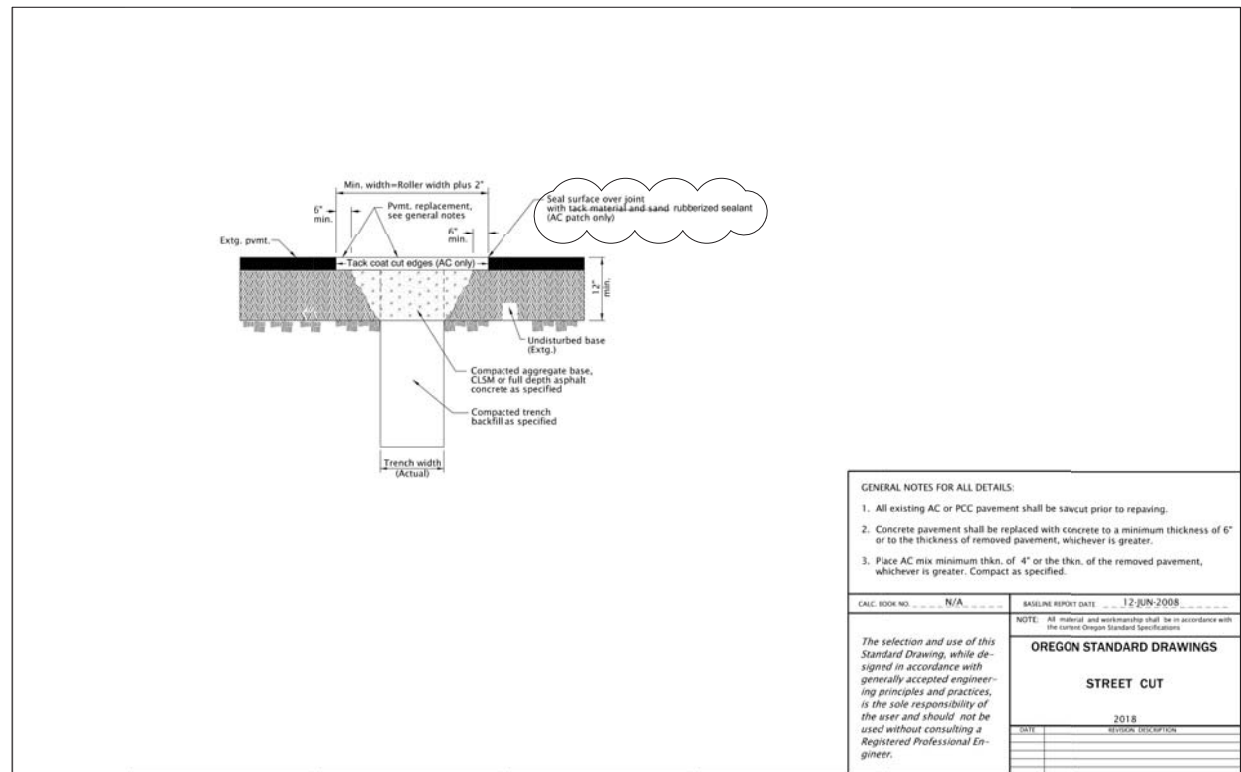
6101 SE JOHNSON CREEK BLVD.
 MILWAUKIE, OR 97206

PHONE: 503-786-7600
 FAX: 503-774-8236

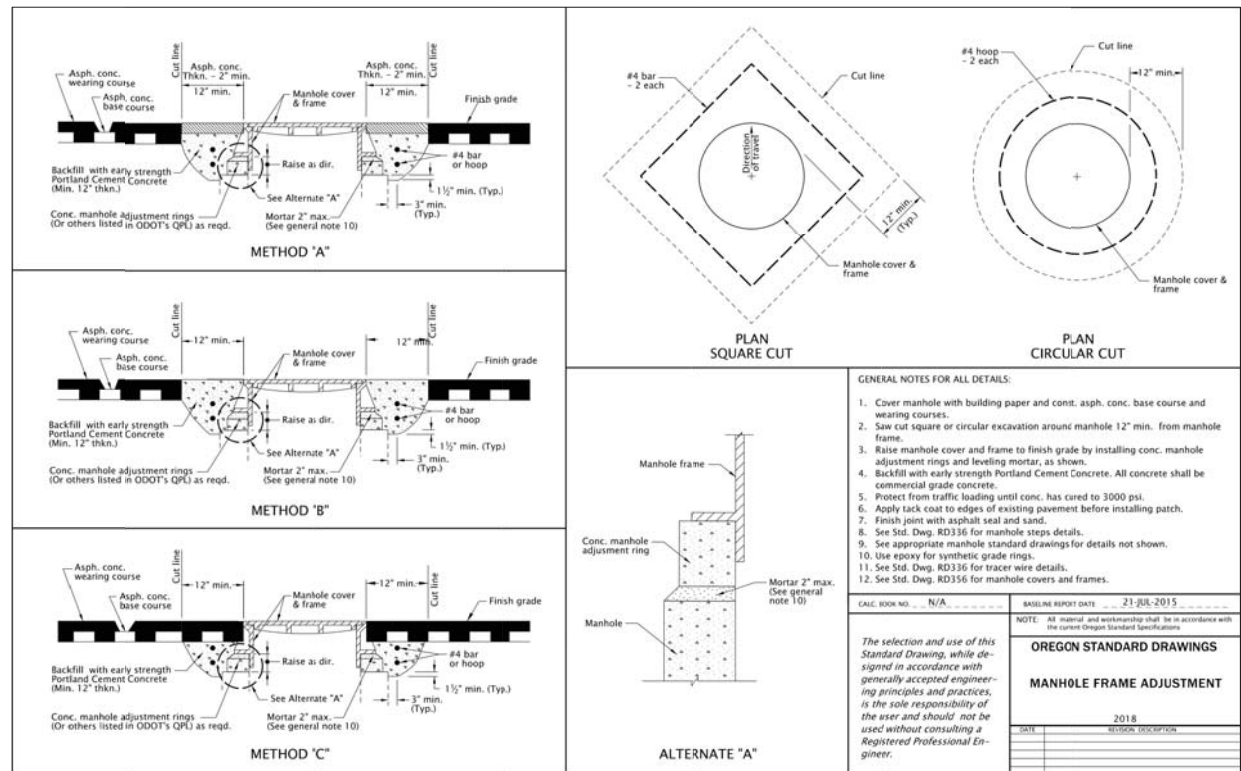
Sellwood / 30th Ave / Madison SAFE Project

TYPICAL SECTIONS - SELLWOOD STREET

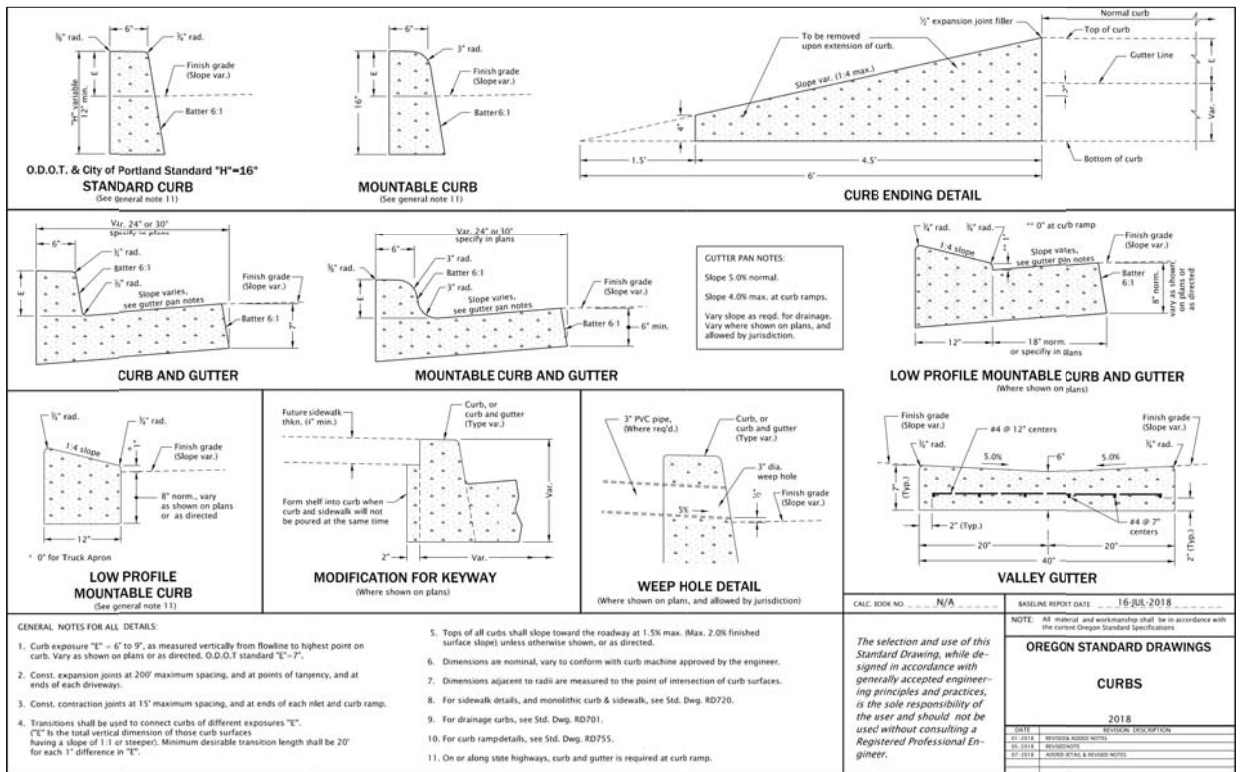
PROJECT NO.:	CIP2018-T41	CONTRACT NO.:	
DATE:	9/24/2018	SHEET NO.:	XS02



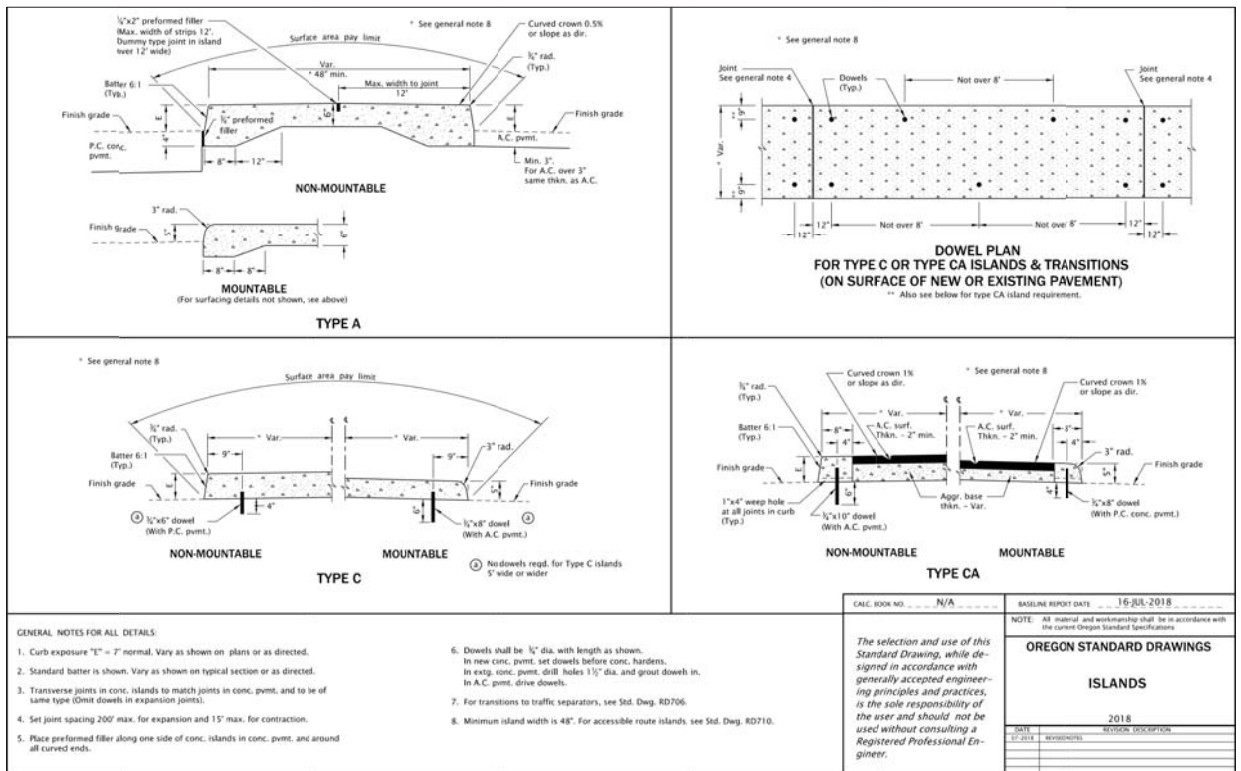
OSD RD 302, AS MODIFIED
scale: NTS



OSD RD 360
scale: NTS



OSD RD 700
scale: NTS



OSD RD 705
scale: NTS

NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

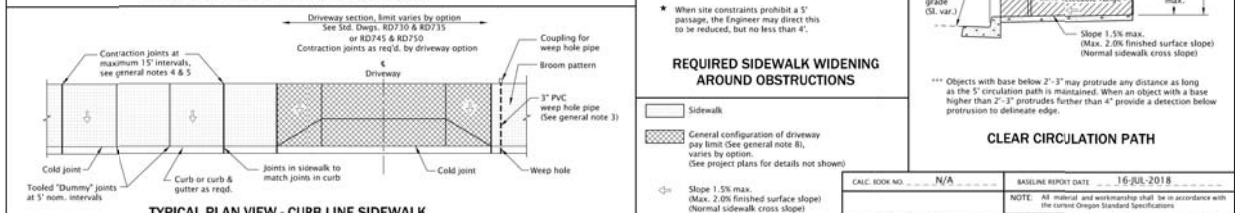
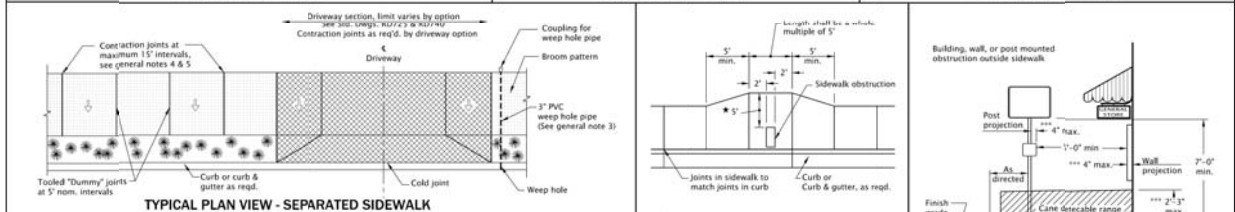
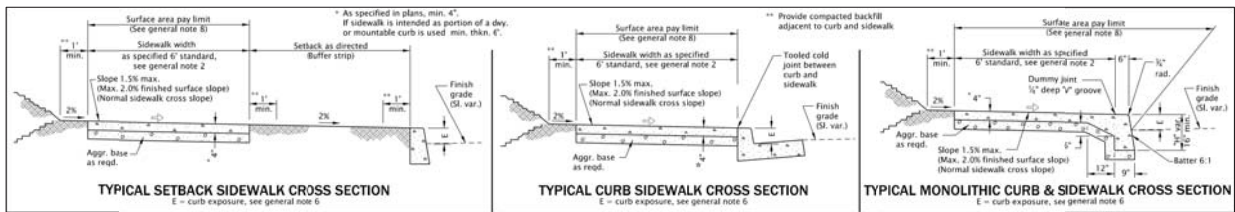
6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION DETAILS

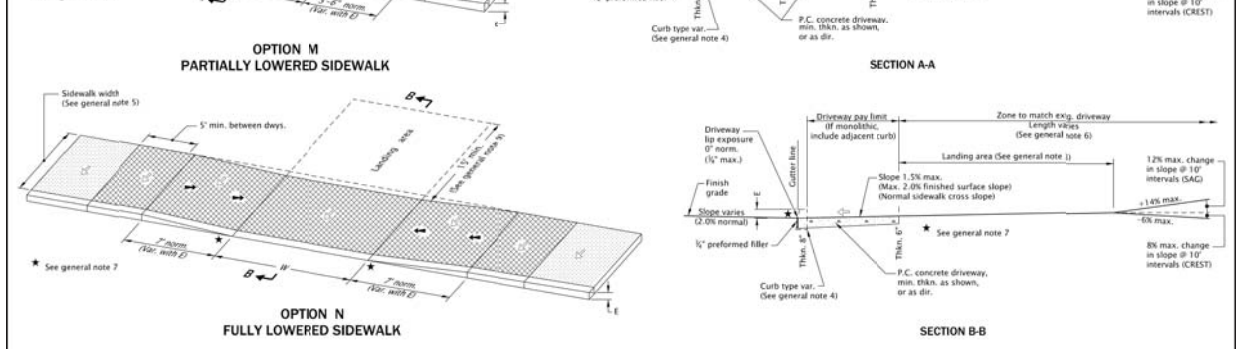
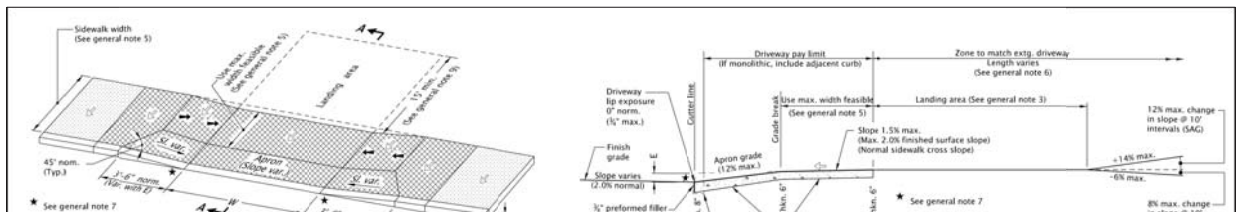
PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: DT01



GENERAL NOTES FOR ALL DETAILS:

- Include additional paving or unopened 2" clearance to vertical faces higher than 5" such as retaining walls, sound walls, fences and buildings.
- Curb type and sidewalk width as shown on plans or as directed.
- On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
- Install 3" PVC weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joints over top of pipe. See Std. Dwg. RD700 for weep hole detail.
- Const. expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveway.
- For monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing.
- Const. contraction joints at 15' maximum spacing, and at ends of each driveway and curb ramp.
- For curb details, see Std. Dwg. RD700 & RD701.
- Sidewalk details are based on ODOT applicable standards.
- For driveway details not shown, see Std. Dwg. RD725, RD730, RD735, RD740, RD745 & RD750.
- See project plans for details not shown.

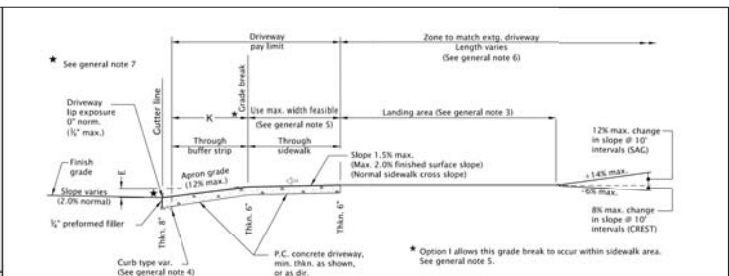
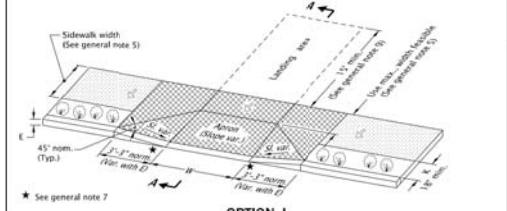
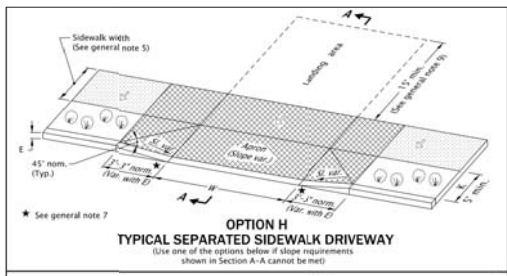
OSD RD 720
scale: NTS



GENERAL NOTES FOR ALL DETAILS:

- Details are based on ODOT applicable standards.
- Only use details allowed by jurisdiction.
- The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
- Curb, gutter, and sidewalk types varies, see plans. See Std. Dwg. RD700 & RD701 for curb details. See Std. Dwg. RD720 for sidewalk details.
- 4' unobstructed clear passage with slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
- Where existing driveway is in good condition, and meets slope requirements, construct only as much as required for satisfactory connection with new work.
- Check the gutter flow depth at driveway locations to assure that the design flood does not overlap the back of sidewalk at driveway. If overlapping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
- Tooled joints are required at all driveway slope break lines.
- 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
- Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accommodate driveway use. See Std. Dwg. RD720 for details.
- Any dimensions except those of general note 5 may be amended by local agencies for their use.
- On or along state highways, curb and gutter is required at curb ramps.

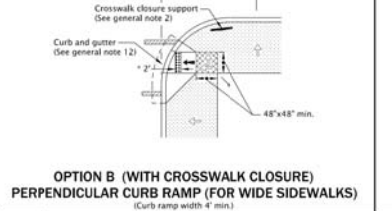
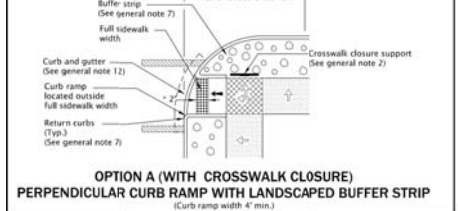
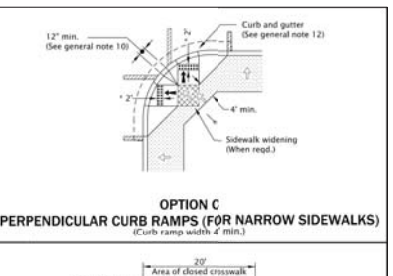
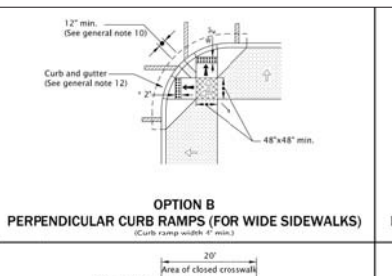
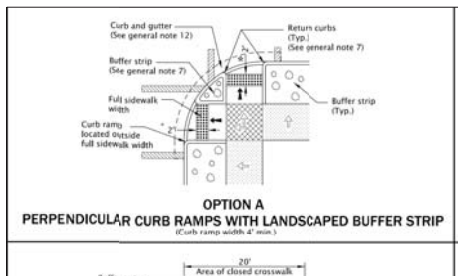
OSD RD 750
scale: NTS



GENERAL NOTES FOR ALL DETAILS:

- Details are based on ODOT applicable standards.
- Only use details allowed by jurisdiction.
- The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, buffer strip width, curb exposure, driveway lip exposure, landing area length and width. See project plans for details not shown.
- Curb, gutter, and sidewalk types varies, see plans. See Std. Dwg. RD700 & RD701 for curb details. See Std. Dwg. RD720 for sidewalk details.
- 4' unobstructed clear passage with slope 1.5% max. (Max. 2.0% finished surface slope) is required behind driveway apron.
- Where existing driveway is in good condition, and meets slope requirements, construct only as much as required for satisfactory connection with new work.
- Check the gutter flow depth at driveway locations to assure that the design flood does not overlap the back of sidewalk at driveway. If overlapping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
- Tooled joints are required at all driveway slope break lines.
- 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
- Any dimensions except those of general note 5 may be amended by local agencies for their use.
- On or along state highways, curb and gutter is required at curb ramps.

OSD RD 740
scale: NTS



GENERAL NOTES FOR ALL DETAILS:

- Curb ramp details are based on ODOT applicable standards.
- See project plans for details not shown.
- See Std. Dwg. RD700 & RD701 for curbs. See Std. Dwg. RD725 for sidewalks. See Std. Dwg. TM501 & TM510 for crosswalk marking, widths, etc. See Std. Dwg. RD751 for curb ramp details. See Std. Dwg. TM490 for crosswalk closure detail. See Traffic Standard Drawings for signal pole and pedestrian details.
- Tooled joints are required at all curb ramp slope break lines.
- Curb ramp slopes shall be relative to the true level horizon (zero bubble).
- Place detectable warning surface in the lower 2' adjacent to traffic of throat of curb ramp only. For details not shown, see Std. Dwg. RD751 & RD759.
- Check the gutter flow depth to assure that the design flood does not overlap the back of sidewalk. If overlapping occurs place an inlet at upstream side or perform other approved design mitigation.
- Return curbs may be provided in lieu of flared slope only if protected from traverse by landscaping or fixed barrier. Return curbs shall not reduce width of approaching sidewalk.
- For the purpose of this drawing, a curb ramp is considered "perpendicular" if the angle between the longitudinal axis of the curb ramp and a line tangent to the curb at the curb ramp center is 75° or greater.
- Curb ramps for paths intersecting a roadway should be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp should be 8' wide.
- When 2 curb ramps are immediately adjacent as in Options B & C, the curb exposure (s) between the adjacent side flares may range between 3' and full design exposure.
- Only use options allowed by jurisdiction.
- On or along state highways, curb and gutter is required at curb ramps.
- Grade breaks at the top and bottom of curb ramps shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

OSD RD 756
scale: NTS

NO.	DATE	BY	REVISIONS

TP 6/12/2018
DESIGNED DATE

TP 9/12/2018
DRAFTED DATE

JG 10/3/2018
CHECKED DATE

CE 10/1/2018
APPROVED DATE

REGISTERED PROFESSIONAL ENGINEER
OREGON
SEPT. 11, 2007
EXPIRES: 06/30/2019

CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

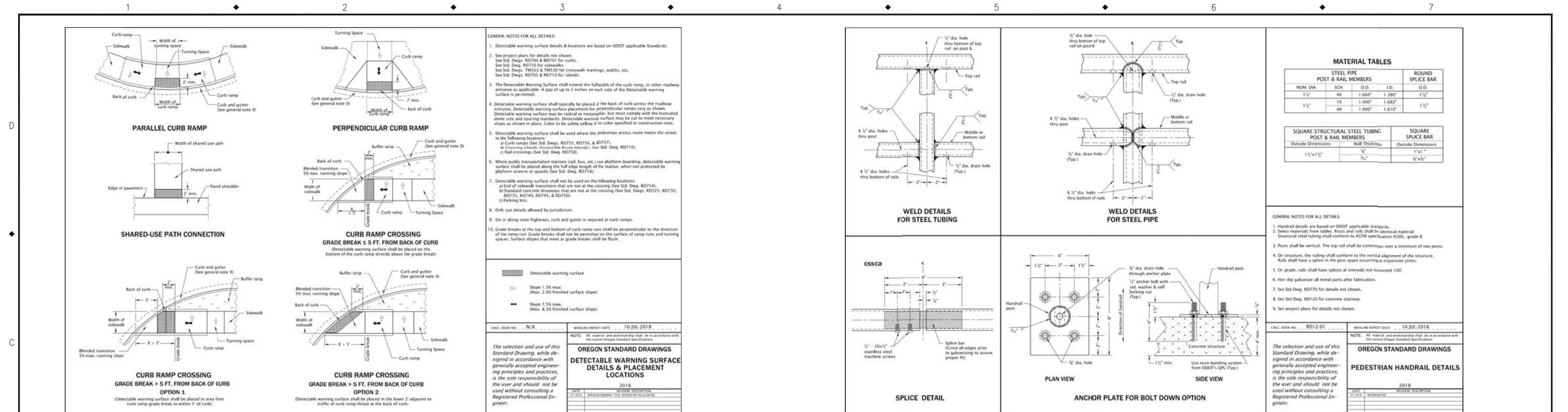
PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION DETAILS

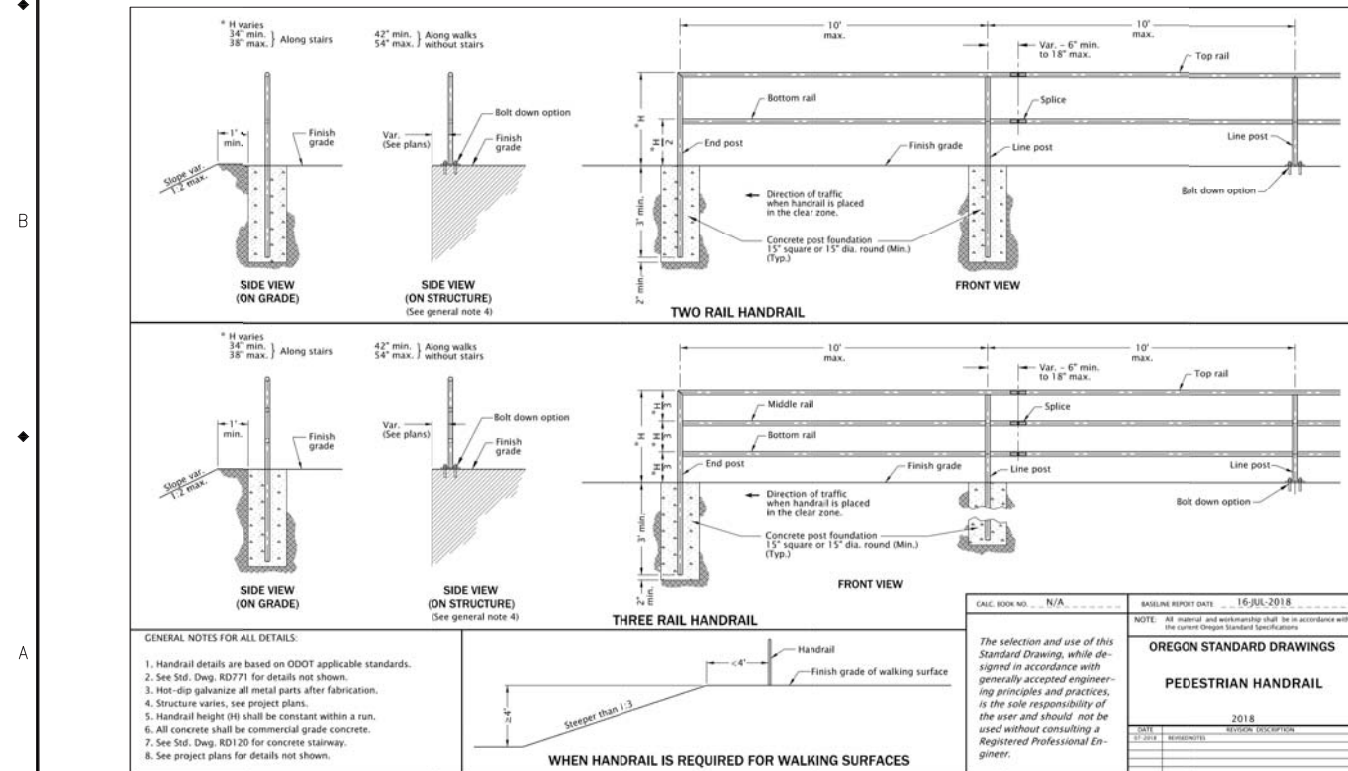
PROJECT NO.: CIP2018-T41 CONTRACT NO.:

DATE: 9/24/2018 SHEET NO.: DT02

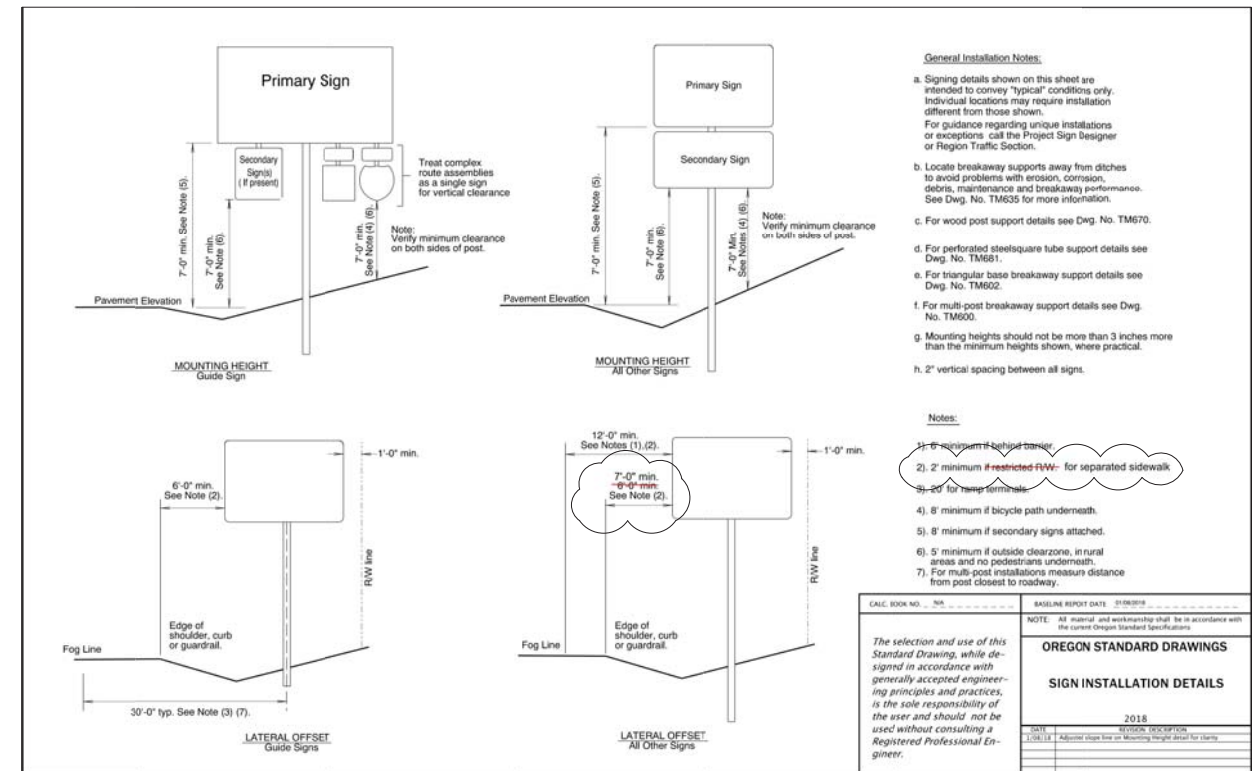


OSD RD 759
scale: NTS

OSD RD 771
scale: NTS



OSD RD 770
scale: NTS



OSD TM 200, AS MODIFIED
scale: NTS

NO.	DATE	BY	REVISIONS

TP	6/12/2018
DESIGNED	DATE
TP	9/12/2018
DRAFTED	DATE
JG	10/3/2018
CHECKED	DATE
CE	10/1/2018
APPROVED	DATE



CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
MILWAUKIE, OR 97206

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FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION DETAILS

PROJECT NO.: CIP2018-T41 CONTRACT NO.: DATE: 9/24/2018 SHEET NO.: DT03

OSD TM 503
scale: NTS

GENERAL NOTES:

- Arrow, letter, and bike symbol dimensions nominal.
- The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
PAVEMENT MARKING STANDARD DETAIL BLOCKS
2018

OSD TM 681
scale: NTS

GENERAL NOTES:

- Perforated Steel Square Supports are designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 4th Edition, 2001, 2002, 2003, and 2006 interim revisions.
- The design basic wind speed (3 second gust) shall be according to the wind map shown on TM571.
- Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.
- Use 1/2" diameter holes at 1" spacing on each of the 4 sides.
- Steel shall have a minimum yield stress of 50 k.s.i.
- Steel shall be galvanized according to ASTM A653 with coating designation G90.
- General design parameters are $K_2 = 0.87$, Cd (sign) = 1.20, and $C = 1.14$.
- Permanent signing uses an $n = 0.75$ for a recurrence interval of 10 years.
- Temporary signing uses an $n = 0.45$ for a recurrence interval of 3 years.
- The sign width to sign height or sign height to sign width ratio shall not exceed 5.0.
- For horizontal and vertical clearances of permanent signs refer to TM200 and of temporary signs refer to TM222.
- Posts protected by barrier or guardrail do not require slip bases.

PERMANENT PERFORATED STEEL SQUARE TUBE TABLE

Square Tube Size	1.8" x 1.8" (2) in.Ø - Maximum 3 Second Gust Wind Speed (TM671)					
	85 MPH		95 MPH		105 or 110 MPH	
	Number of Posts	Number of Posts	Number of Posts	Number of Posts	Number of Posts	Number of Posts
2"-12 ga.	79	158	237	63	126	189
2½"-12 ga.	136	272	408	109	218	327
2½"-10 ga.	163	326	495	132	264	396
2½" & 2½"-12 ga.	231	462	693	185	370	555

TEMPORARY PERFORATED STEEL SQUARE TUBE TABLE

Square Tube Size	1.8" x 1.8" (2) in.Ø - Maximum 3 Second Gust Wind Speed (TM671)					
	85 MPH		95 MPH		105 or 110 MPH	
	Number of Posts	Number of Posts	Number of Posts	Number of Posts	Number of Posts	Number of Posts
2"-12 ga.	123	246	370	100	200	300
2½"-12 ga.	213	426	640	172	344	516
2½"-10 ga.	267	534	799	209	418	627
2½" & 2½"-12 ga.	364	728	1092	292	584	876

BASE REQUIREMENTS

- Anchor - See Drawing TM687 for PSST anchor foundation details.
- Slip - See Drawing TM688 for PSST slip base foundation details.
- N/A - Do not use this option.

OREGON STANDARD DRAWINGS
PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT INSTALLATION
2018

OSD TM 503
scale: NTS

GENERAL NOTES:

- Install crosswalk bars such that the throat of the ADA ramp is entirely within crosswalk markings, or 5' back of extended fog line, edge of pavement, or curb face.
- The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
INTERSECTION PAVEMENT MARKINGS (CROSSWALK, STOP BAR & BIKE LANE STENCIL)
2018

OSD TM 687
scale: NTS

GENERAL NOTES:

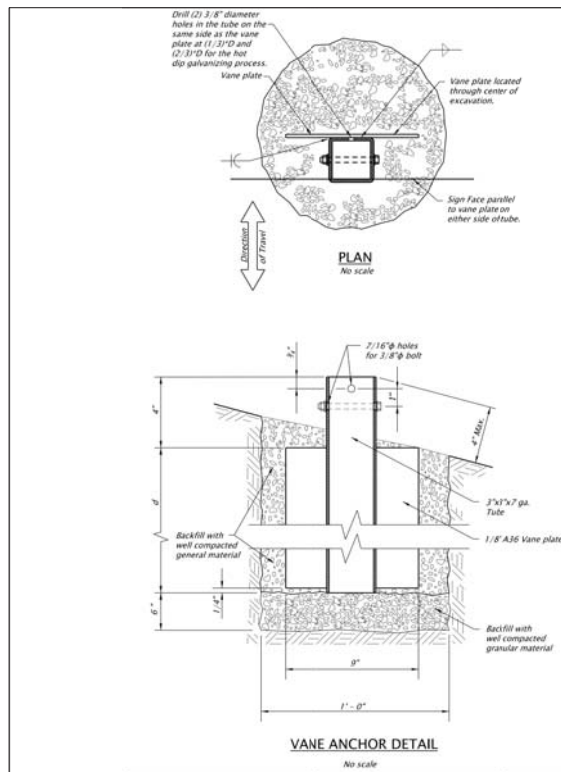
- Material grade for base hardware connection shall be according to the manufacturer's recommendation and based on crash testing.
- Anchor steel shall be hot dip galvanized or approved equal.
- Footing concrete shall be Commercial Grade Concrete ($f_c = 3000$ psi) per Specification 03440. The C/C mixture may be accepted at the site of placement according to 03040.14.
- The estimated concrete volume is .09 cubic yards.

OREGON STANDARD DRAWINGS
PERFORATED STEEL SQUARE TUBE (PSST) ANCHOR FOUNDATION
2018

DESIGNED	6/12/2018			CITY OF MILWAUKIE 6101 SE JOHNSON CREEK BLVD. MILWAUKIE, OR 97206	PHONE: 503-786-7600 FAX: 503-774-8236	PROJECT NO.: CIP2018-T41	CONTRACT NO.:	DATE: 9/24/2018	SHEET NO.: DT04
DRAFTED	9/12/2018								
CHECKED	10/3/2018								
APPROVED	10/1/2018								
DATE									

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION DETAILS



General Notes:

1. Reference TM681, TM687, and TM688 for additional PSST detail.
2. Reference TM622 for temporary sign placement.
3. PSST Vane anchor design in accordance with the 5th Edition 2009 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.
4. Use the 3 second gust wind speeds shown on TM671 for the site specific sign location. General design parameters are $K_z = 0.87$, $C_d(\text{sign}) = 1.20$, $G = 1.14$, and $I = 0.45$ for a recurrence interval of 1.5 years.
5. Use this design only for Temporary applications.
6. The PSST Vane anchor shall not remain permanently in place.
7. The temporary PSST vane anchor shall be hot-dip galvanized after fabrication.

Post Embedment Installation:

1. Excavate the hole to 6" deeper than the required depth and backfill the bottom 6" with well compacted granular material meeting the requirements of 00330.14.
2. Align the vane anchor in the hole to a vertical position.
3. The space around the vane anchor shall be backfilled to finished ground surface.
4. Backfill with selected general backfill meeting the requirements of 00330.13.
5. Place backfill in layers not greater than 6 inches.
6. Solidly ram and tamp the layers into the excavation area around the post.
7. Compact during placement if too dry to compact properly.
8. Replace and finish the surface around the vane anchor to match the surrounding surface.

Square Tube Size	d
2"-12 ga.	2"-6"
2 1/2"-12 ga.	3"-6"
2 1/2"-10 ga.	3"-6"
2 3/8"-12 ga.	3"-6"

Requires a 2 1/2" x 2 1/2" x 7 ga. tube installed in the 3" x 3" x 7 ga. anchor.

Accompanied by sheets: TM200, TM671, TM681, TM687, TM688, TM622

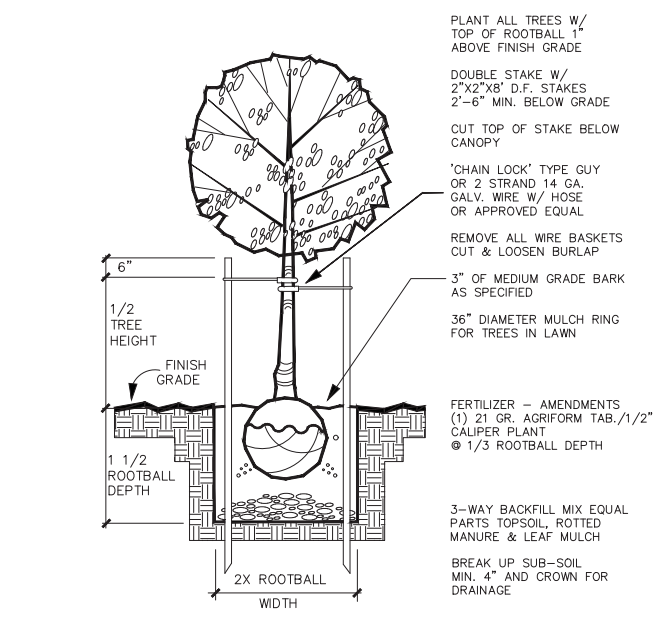
CALC. BOOK NO. 6634 BASELINE REPORT DATE 06-JAN-2017

OREGON STANDARD DRAWINGS

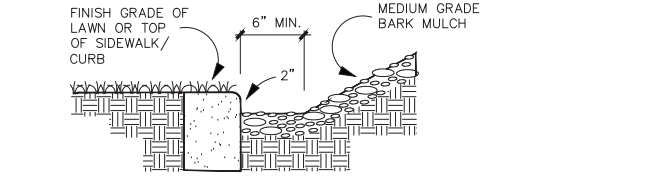
TEMPORARY PSST VANE ANCHOR INSTALLATION

2018

OSD TM 689
scale: NTS



DECIDUOUS TREE PLANTING DETAIL
scale: NTS



BARK CATCH DETAIL
scale: NTS

GRAVITY WALL FOR LEVEL FILL WITH SURCHARGE
NTS

GRAVITY WALL FOR 1V:2H SLOPE
NTS

GRAVITY WALL FOR 1V:1 3/4 H SLOPE
NTS

H ¹	Steel req'd 100 L.F.	12% H Front Face Batter			Vertical Front Face		
		Concrete	As. Soil	Press. Depth	Concrete	As. Soil	Press. Depth
2'-0"	4.7	1'-10"	096	270	1'-8"	090	280
3'-0"	6.8	2'-2"	162	400	2'-1"	117	410
4'-0"	8.9	2'-6"	241	520	2'-6"	241	550
5'-0"	11.0	2'-10"	331	640	2'-11"	340	680
6'-0"	13.1	3'-2"	435	760	3'-4"	454	810
7'-0"	15.2	3'-6"	551	880	3'-9"	583	950
8'-0"	17.4	3'-10"	679	1000	4'-3"	741	1060

Note: Average soil pressure is for the condition without surcharge.

EXPANSION JOINT
NTS

CONTRACTION JOINT
NTS

BACKFILL AND DRAINAGE DETAILS
NTS

GENERAL NOTES:

1. All reinforcing steel shall conform to AASHTO M31, Grade 60, ASTM Specification A706 or A615, grade 60. All #4 bar splices shall be 1'-4".
2. All concrete shall be "Commercial Grade Concrete".
3. Place expansion joints at approx. 96'-0" cts. and contraction joints at approx. 32'-0" cts. unless otherwise shown.
4. Dimension "B" varies linearly for intermediate values of "H".
5. For cases not covered by this drawing, including sloping fill at front of wall see sketch below and backslopes steeper than 1V:1 1/4 H, a special design wall be required.

OSD BR 720
scale: NTS

NO.	DATE	BY	REVISIONS

TP	6/12/2018	DESIGNED	DATE
TP	9/12/2018	DRAFTED	DATE
JG	10/3/2018	CHECKED	DATE
CE	10/1/2018	APPROVED	DATE

REGISTERED PROFESSIONAL ENGINEER
00169PE
JENNIFER ANN CARROLL
OREGON
SEPT. 11, 2007
EXPIRES: 06/30/2019

CITY OF MILWAUKIE

6101 SE JOHNSON CREEK BLVD.
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PHONE: 503-786-7600
FAX: 503-774-8236

Sellwood / 30th Ave / Madison SAFE Project

CONSTRUCTION DETAILS

PROJECT NO.: CIP2018-T41
CONTRACT NO.:
DATE: 9/24/2018
SHEET NO.: DT05