City of Woodburn
Community Development Department
270 Montgomery Street
Woodburn, OR 97071
Phone: 503-982-5246
Email: planning@ci.woodburn.or.us

OFFICE USE ONLY
File Number(s):

GRAD 25-09

Visit the City of Woodburn Planning webpage for the most current forms and applications.

Uniform Application

Project			
Name:	Popeye's Louisiana Kitchen		
Address(es):	T.B.D. (Mt. Hood Ave. & US-214)		
Tax Lot #(s):	1300		
Applicant			
Name:	Darren Drill	Title:	Project Manager
Phone:	720-290-1812	Firm:	James D. Smith, Architect
Mailing Address:	1418 Oakleaf Dr., St. Anne, IL 60964		
Email:	darren.drill@drilldesigngroup.com		
Applicant's Representative/Project Manager			
Name:	Santosh Abraham	Title:	Project Manager
Phone:	503-849-8989	Firm:	Timeless Foods Inc.
Mailing Address:	1600 NW 167th Pl., Ste #300, Beaverton, OR 97006		
Email:	sabraham@kaizenusa.com		
Landowner			
Name:	Syed J. Ahmad	Title:	President
Phone:	214-869-1262	Firm:	Zoya Properties, Inc
Mailing Address:	3405 Spectrum Blvd., Richardson, TX 75082		
Email:	kaizenj20@gmail.com		
Architect			
Name:	James D. Smith (c/o Darren Drill)	Title:	Architect
Phone:	508-367-8920	Firm:	James D. Smith, Architect
Mailing Address:	522 Bay Lane, Centerville, MA 02632		
Email:	jamesdsmith11@comcast.net		
Civil Engineer			
Name:	Jenna Sparrowgrove	Title:	Civil Engineer
Phone:	503-352-7697	Firm:	AAI Engineering
Mailing Address:	4875 SW Griffith Drive, Suite 100, Beaverton, OR 97005		
Email:	jennas@aaieng.com		
Landscape Architect			
Name:	Clement Walsh	Title:	Landscape Architect
Phone:	503-898-0130	Firm:	Clement Walsh Landscape Architect, Inc.
Mailing Address:	8215 SW Tualatin-Sherwood Rd. #200, Tualatin, OR 97062		
Email:	clement@clementwalsh.com		

Requested Review(s):

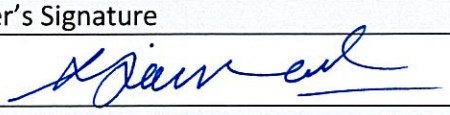
- ☐ Annexation
- ☐ Comprehensive Plan Amendment
- ☐ Conditional Use Permit
- ☐ Design Review
  - ☐ Type I
  - ☐ Type II
  - ■ Type III
- X ☐ Grading Permit
- ☐ Partition or Subdivision, Preliminary
- ☐ Other: _____
- ☐ Partition or Subdivision, Final
- ☐ Phasing Plan
- ☐ Property Line Adjustment / Consolidation of Lots
- ☐ Planned Unit Development (PUD), Preliminary
- ☐ PUD, Final
- ☐ RCWOD Permit
- ☐ Significant Tree Removal Permit
- ■ Street Adjustment (formally EXCP)
- ☐ Variance
- ☐ Zoning Adjustment
- ☐ Zoning Map Change

Certification:

I hereby declare that as applicant or landowner, I have read the foregoing application and know the contents of the application to be true.

If applying on behalf of a corporation, Manager certifies that Manager has full power and authority (corporate or otherwise) to enter into this Agreement and to consummate the transactions contemplated by it. This Agreement has been duly authorized by all necessary action on the part of Manager and no other corporate or other action on the part of Manager is necessary to authorize the execution and delivery of this Agreement. The individual executing this Agreement for Manager has full authority to do so and thereby to bind Manager to its terms.

If Applicant is different from Landowner, Applicant must also obtain Landowner certification.

Landowner's Signature	Applicant's Signature
	
Print Name	Print Name
Syed J. Ahmad	Darren Drill
Date	Date
02/27/26	02/27/26

- ☐ Landowner certification attached in lieu of form signature.
- ☐ Electronic versions of all application materials, which can be sent via zip folder in email or saved on a flash drive.

POPEYES WOODBURN

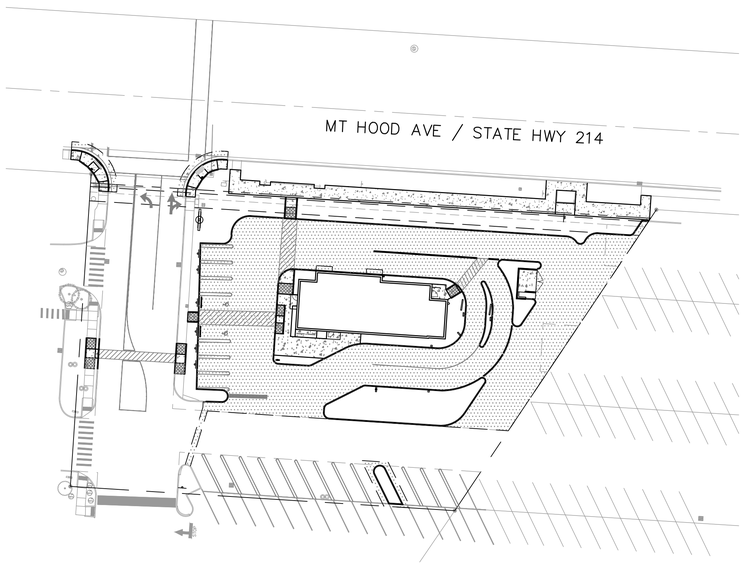
ADDRESS: TBD
WOODBURN, OR 97071
LATITUDE = 45° 19' 03.89"
LONGITUDE = -122° 50' 07.92"

LEGAL DESCRIPTION:

TAX LOT 1300
TAX MAP 051W08DB, W.M.

NORTH

VICINITY MAP
SCALE: NTS



NORTH

SITE PLAN
SCALE: 1" = 40'

AAI ENGINEERING — **CIVIL ENGINEER**

CONTACT: CHRISTOPHER THORNTON, PE
4875 SW GRIFFITH DRIVE, SUITE 100
BEAVERTON, OREGON 97005
PH: 503-620-3030
EMAIL: CHRISTOPHERT@AAIENG.COM

UDELL ENGINEERING AND LAND SURVEYING, LLC — **SURVEYOR**

CONTACT: KYLE LATIMER
65 EAST ASH ST
LEBANON, OR 97355
PH: 541-451-5125
EMAIL: KYLE@UDELLENG.COM

STUDIO 3 ARCHITECTURE — **ARCHITECT**

CONTACT: JIM TOPOREK
1820 S VERMONT ST, SUITE I
PORTLAND, OR 97219
PH: 503-390-6500
EMAIL: JIM@STUDIO3ARCHITECTURE.COM

CLEMENT WALSH LANDSCAPE ARCHITECT, INC — **LANDSCAPE ARCHITECT**

CONTACT: CLEMENT WALSH
8215 SW TUALATIN-SHERWOOD RD, SUITE 200
TUALATIN, OR 97062
PH: 503-8980130
EMAIL: CLEMENT@CLEMENTWALSH.COM

BENCHMARK NOTES

ALL ELEVATIONS ARE SHOWN ON THE VERTICAL DATUM OF NGVD 29.

SHEET INDEX

REGISTERED PROFESSIONAL ENGINEER
90035PE
OREGON
DEC. 10, 2024
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering, inc.
ENGINEERING
4875 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE
COVER SHEET

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C0.0

JOB NUMBER: A24112.10

12/3/25 - CD'S

F:\2024\A24112.10 - Popeyes - Woodburn\Civil Cad\Sheets\Onsite\A24112.C00-Cover ODOT.dwg : Dec. 3, 25 - 12:07 PM jsparrowgrove

NOTICE TO EXCAVATORS: ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).

POTENTIAL UNDERGROUND FACILITY OWNERS

DIG SAFELY

CALL THE OREGON ONE-CALL CENTER
1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS	
M-F 7am-5pm	503-226-4211 EXT.4313
AFTER HOURS	503-226-4211
PGE	503-464-7777
QWEST	1-800-573-1311
VERIZON	1-800-483-1000

811
Know what's **below.**
Call before you dig.

GENERAL NOTES

1. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
2. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
3. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
4. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED – DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
5. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
6. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
7. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2023 OREGON PLUMBING SPECIALTY CODE AND LOCAL JURISDICTION REQUIREMENTS.
8. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
9. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
10. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF AAI ENGINEERING, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
11. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
12. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
14. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO LOCAL JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.
16. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
17. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.
18. EXISTING SURVEY MONUMENTS ARE TO BE PROTECTED DURING CONSTRUCTION OR REPLACED IN ACCORDANCE WITH OREGON REVISED STATUTES 209.140 – 209.155.

CONSTRUCTION NOTES

DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
2. EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.
3. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.
4. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
5. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
6. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

UTILITIES

1. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.
2. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.
3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.
4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

STORM AND SANITARY

1. CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
2. BEGIN LAYING STORM DRAIN AND SANITARY SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM AND SANITARY SEWER PIPE USING A LASER.
3. ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 1 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.
4. ALL STORM AND SANITARY FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

WATER

1. ALL WATER AND FIRE PROTECTION PIPE SHALL HAVE A MINIMUM 36-INCH COVER TO THE FINISH GRADE.
2. ALL WATER AND FIRE PRESSURE FITTINGS SHALL BE PROPERLY RESTRAINED WITH THRUST BLOCKS PER DETAIL.
3. ALL WATER MAIN / SANITARY SEWER CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT REGULATIONS, CHAPTER 333.

EARTHWORKS

1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.
2. TRENCH BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE PIPE BEDDING AND BACKFILL DETAIL, THE PROJECT SPECIFICATIONS AND AS REQUIRED IN THE SOILS REPORT. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER WILL NOT BE PERMITTED.
3. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

PAVING

1. SEE ARCHITECTURAL PLANS FOR SIDEWALK FINISHING AND SCORING PATTERNS.

MATERIAL NOTES

1. GENERAL: MATERIALS SHALL BE NEW. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, AND USEFULNESS. PROPOSED SUBSTITUTIONS WILL REQUIRE WRITTEN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
2. STORM AND SANITARY SEWER PIPING SHALL BE PVC PIPE AS INDICATED IN THE PLANS. PIPES WITH LESS THAN 2' OF COVER SHALL BE C900/C905 PVC, HDPE OR DUCTILE IRON PIPE.
3. PRIVATE WATER MAINS 4-INCH DIAMETER AND LARGER SHALL BE DUCTILE IRON PIPE SCH 52 OR C900; AS INDICATED IN THE PLANS.
4. PRIVATE WATER LINES 3-INCH DIAMETER AND SMALLER SHALL BE TYPE K COPPER OR PVC; AS INDICATED IN THE PLANS.
5. CONCRETE FOR CURBS, SIDEWALK AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.

SEPARATION STATEMENT

ALL WATER MAIN CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT, CHAPTER 333. WATER MAINS SHALL CROSS OVER SANITARY SEWERS WITH A 18" MINIMUM CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPE WITH ALL PIPE JOINTS EQUIDISTANT FROM CROSSING. HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWERS IN PARALLEL INSTALLATIONS SHALL BE 10'. MAINTAIN 12" MINIMUM VERTICAL DISTANCE FOR ALL OTHER UTILITY CROSSINGS AND 12" HORIZONTAL PARALLEL DISTANCE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN THE MINIMUM 10' HORIZONTAL SEPARATION, THE WATER MAIN SHALL BE LAID ON A SEPARATE SHELF IN THE TRENCH 18" INCHES ABOVE THE SEWER.

LEGEND

PROPERTY LINE

CONCRETE SIDEWALK SURFACING

ASPHALT SURFACING

GRADING LABEL LEGEND

SPOT ELEVATION

XX.XX XX – DESCRIPTION LISTED BELOW.

DS	DOOR SILL
EX	EXISTING GRADE
FF	FINISHED FLOOR ELEVATION
LP	LOW POINT
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT

LEGEND

EXISTING CONTOUR MINOR 102

EXISTING CONTOUR MAJOR 100

PROPOSED CONTOUR MINOR 102

PROPOSED CONTOUR MAJOR 100

GRADE BREAK GB GB

SANITARY SEWER LINE SS SS

WATER LINE W W W

STORM LINE

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering, inc.
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

GENERAL NOTES

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS

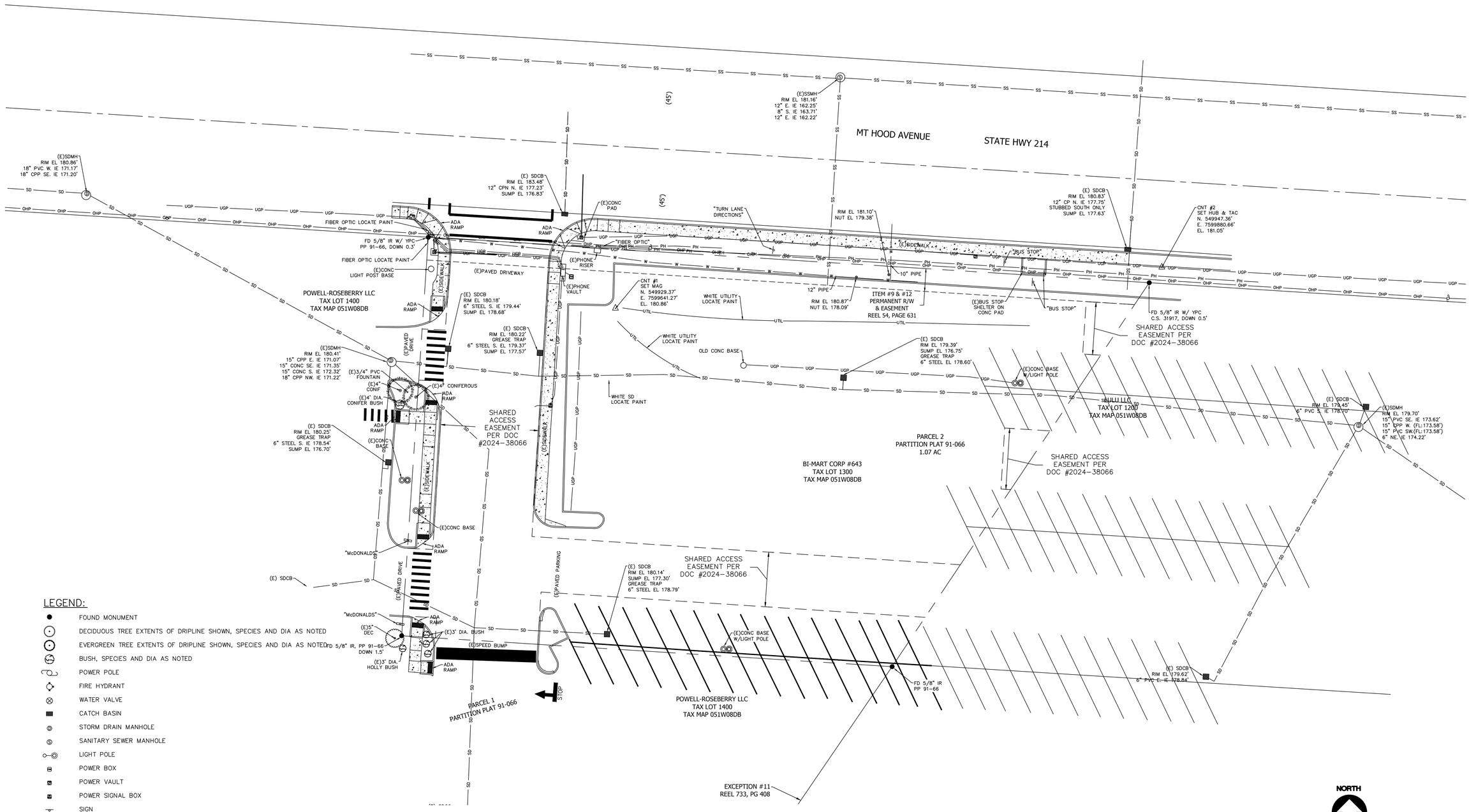
REVISIONS:

SHEET NUMBER

C0.1

JOB NUMBER: A24112.10

12/3/25 – CD'S



LEGEND:

- FOUND MONUMENT
- DECIDUOUS TREE EXTENTS OF DRIPLINE SHOWN, SPECIES AND DIA AS NOTED
- EVERGREEN TREE EXTENTS OF DRIPLINE SHOWN, SPECIES AND DIA AS NOTED
- BUSH, SPECIES AND DIA AS NOTED
- POWER POLE
- FIRE HYDRANT
- WATER VALVE
- CATCH BASIN
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- LIGHT POLE
- POWER BOX
- POWER VAULT
- POWER SIGNAL BOX
- SIGN
- LIGHT SIGNAL

- SD — UNDERGROUND STORM DRAIN PIPE
- W — WATER LINE LOCATE
- PH — PHONE LINE LOCATE
- SS — SEWER LINE LOCATE
- OHP — OVERHEAD POWER LINE
- UTIL — UTILITY LOCATE
- UGP — UNDERGROUND POWER LINE

(E) CONCRETE

(E) PAVEMENT

ABBREVIATIONS LEGEND:

(E)	– EXISTING
CONC	– CONCRETE
CB	– CATCH BASIN
FD	– FOUND
IR	– IRON ROD
MH	– MANHOLE
PP	– PARTITION PLAT
R/W	– RIGHT-OF-WAY
SS	– SANITARY SEWER
SD	– STORM DRAIN
W/	– WITH
YPC	– YELLOW PLASTIC CAP

PROJECT VERTICAL DATUM -- NGVD 29

ALL ELEVATIONS ARE SHOWN ON THE VERTICAL DATUM OF NGVD 29. THE VERTICAL BENCHMARK USED FOR ESTABLISHING ELEVATIONS WAS A GPS STATIC OBSERVATION POST-PROCESSED USING OPUS AND THEN ADJUSTED DOWN 3.38' PER NGS VERTCON . CONTRACTOR IS TO NOTIFY ENGINEER/SURVEYOR TWO WORKING DAYS PRIOR TO DISTURBING EXISTING SURVEY MONUMENT(S). SURVEYOR IS TO RESTORE PER COUNTY SURVEYOR REQUIREMENTS AND ORS 209.150.

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).

THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

NORTH

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 feet

12/3/25 - CD'S

AAI engineering, inc.
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

EXISTING CONDITIONS

DATE:	09/27/24
DRAWN:	AMW
CHECKED:	JMS

REVISIONS:

SHEET NUMBER

C0.2

JOB NUMBER: A24112.10

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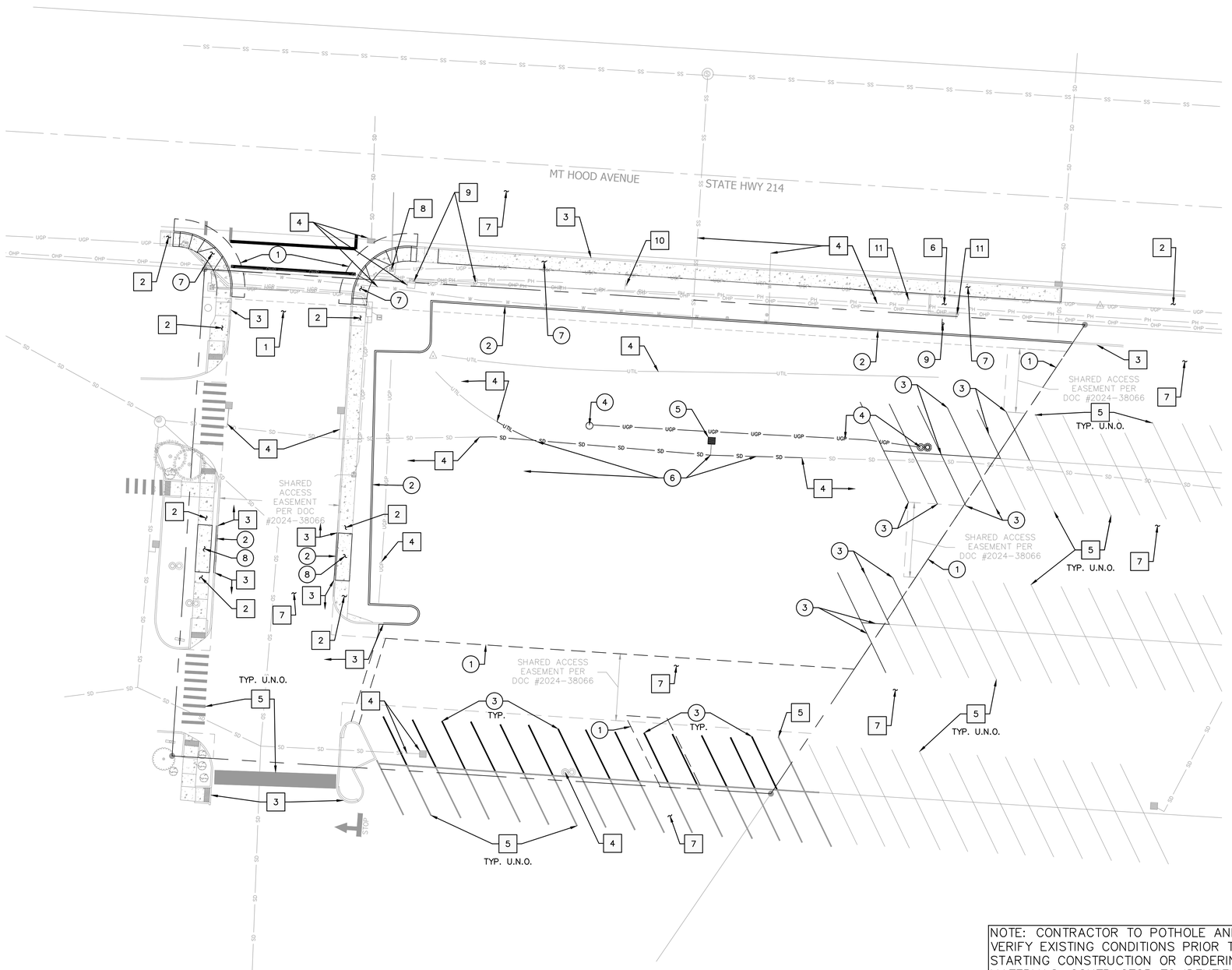


SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
3. REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS AS REQUIRED IN THE SPECIFICATIONS.
4. ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION.
5. THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING RIGHT-OF-WAY SURVEY MONUMENTATION DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT BY A LICENSED SURVEYOR OF ANY DAMAGED OR REMOVED MONUMENTS.
6. PROTECT ALL ITEMS ON ADJACENT PROPERTIES AND IN THE RIGHT OF WAY INCLUDING BUT NOT LIMITED TO SIGNAL EQUIPMENT, PARKING METERS, SIDEWALKS, STREET TREES, STREET LIGHTS, CURBS, PAVEMENT AND SIGNS. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DAMAGED ITEMS TO ORIGINAL CONDITION.
7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
8. SAWCUT STRAIGHT LINES IN SIDEWALK, AS NECESSARY.
9. CONTRACTOR IS RESPONSIBLE TO CONTROL DUST AND MUD DURING THE DEMOLITION PERIOD, AND DURING TRANSPORTATION OF DEMOLITION DEBRIS. ALL STREET SURFACES OUTSIDE THE CONSTRUCTION ZONE MUST BE KEPT CLEAN.
10. PROTECT ALL EXISTING UTILITY STRUCTURES AND UNDERGROUND MAINS TO REMAIN.
11. PROTECT ALL EXISTING VEGETATION TO REMAIN.

(X) PROTECTION NOTES

1 PROTECT EXISTING DRIVEWAY ENTRANCE
2 PROTECT EXISTING SIDEWALK
3 PROTECT EXISTING CURB
4 PROTECT EXISTING UTILITY
5 PROTECT EXISTING STRIPING
6 PROTECT EXISTING BUS STOP
7 PROTECT EXISTING ASPHALT
8 PROTECT EXISTING POLE
9 PROTECT EXISTING PGE UTILITY POLE AND GUY WIRE
10 PROTECT EXISTING DIRECTIONAL HIGHWAY SIGN
11 PROTECT EXISTING CAT BUS STOP SIGN

(X) DEMOLITION NOTES

1 SAWCUT AND REMOVE EXISTING ASPHALT
2 REMOVE EXISTING CURB
3 REMOVE EXISTING STRIPING
4 REMOVE EXISTING LIGHT POLE AND ASSOCIATED UTILITY
5 REMOVE EXISTING CATCH BASIN. SEE UTILITY PLAN FOR DETAILS.
6 REMOVE AND REROUTE EXISTING STORM LINE AROUND PROPOSED BUILDING. SEE UTILITY PLAN FOR DETAILS.
7 REMOVE EXISTING PUBLIC SIDEWALK. SEE HARDSCAPE PLAN FOR NEW LOCATION.
8 REMOVE EXISTING PRIVATE SIDEWALK.
9 RELOCATE EXISTING CAT TRANSIT SIGN. SEE C5.0 FOR DETAILS.

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

NORTH

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 feet

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering, inc.
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

DEMOLITION PLAN

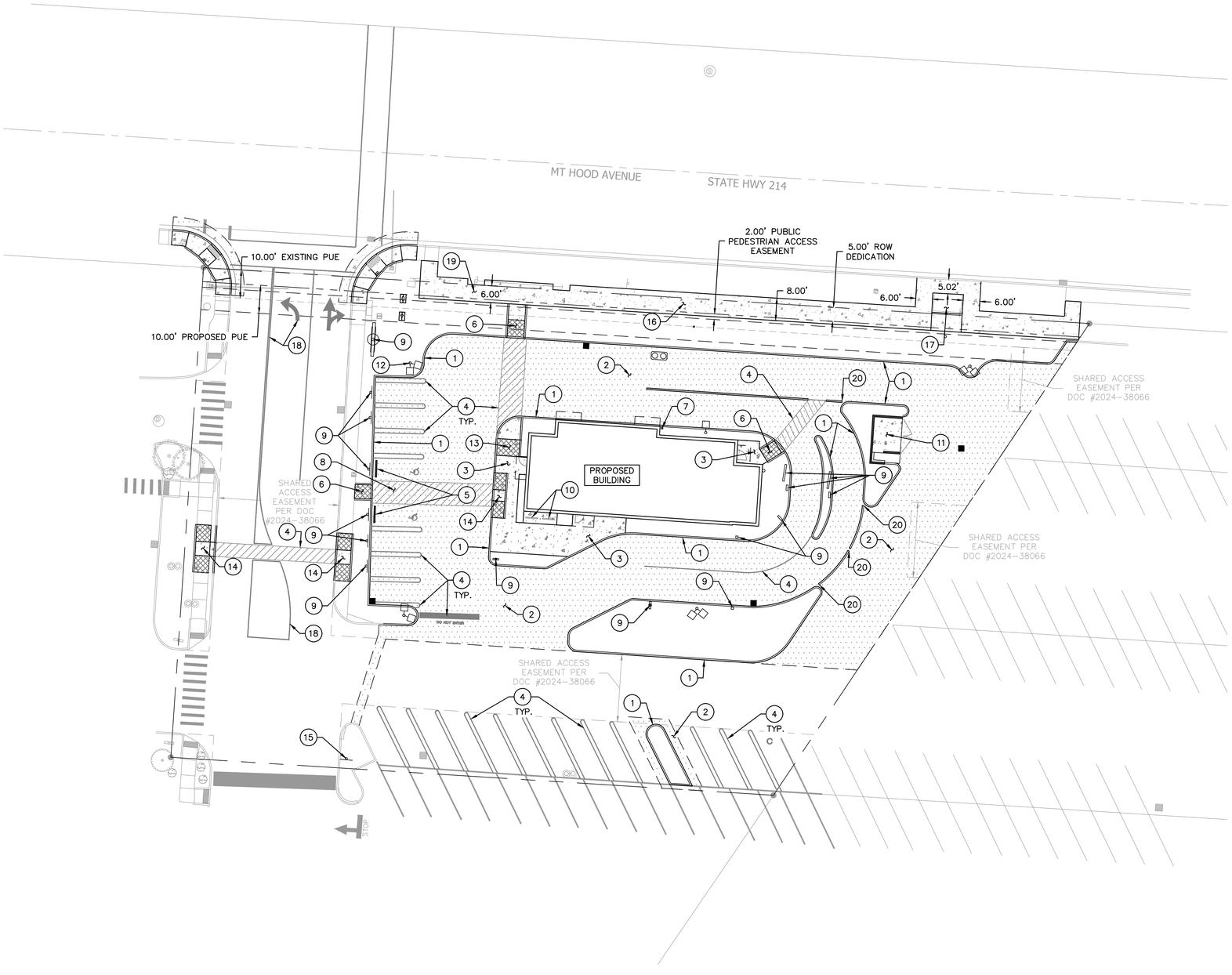
DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C0.3

JOB NUMBER: A24112.10

12/3/25 – CD'S



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. SEE ARCHITECTURAL PLANS FOR ADDITIONAL SITE INFORMATION.
3. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.

(X) CONSTRUCTION NOTES

1 INSTALL CURB PER DETAIL 1/C4.0
2 INSTALL ASPHALT SURFACE PER DETAIL 2/C4.0
3 INSTALL CONCRETE SIDEWALK PER DETAIL 3/C4.0
4 INSTALL STRIPING. SEE ARCHITECTURAL PLANS FOR DETAILS.
5 INSTALL WHEELSTOP PER DETAIL 7/C4.0
6 INSTALL ADA RAMP TYPE 2 PER DETAIL 5/C4.0
7 INSTALL BOLLARD. SEE ARCHITECTURAL PLANS FOR DETAILS.
8 INSTALL ADA PARKING PER DETAIL 6/C4.0
9 INSTALL SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS.
10 INSTALL BIKE PARKING. SEE ARCHITECTURAL PLANS FOR DETAILS.
11 INSTALL TRASH ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS.
12 INSTALL SITE LIGHTING. SEE ELECTRICAL PLANS FOR DETAILS.
13 INSTALL ADA RAMP TYPE 3 PER DETAIL 12/C4.0
14 INSTALL ADA RAMP TYPE 1 PER DETAIL 4/C4.0
15 INSTALL STOP SIGN PER DETAIL 1/C4.1
16 INSTALL 8' PUBLIC SIDEWALK. SEE C5.0 FOR DETAILS.
17 EXISTING BUS SHELTER TO REMAIN.
18 INSTALL SHARED ACCESS STRIPING. SEE C5.0 FOR DETAILS.
19 REDUCE PUBLIC SIDEWALK TO 6' WIDTH TO AVOID CONFLICT WITH EXISTING UTILITY POLE AND GUY WIRE.
20 INSTALL 1' WIDE CURB OPENING FOR POSITIVE DRAINAGE.
21 INSTALL CORNER ADA RAMP. SEE C5.2 FOR DETAILS.

LEGEND

PROPERTY LINE
CENTERLINE
CONCRETE SIDEWALK SURFACING
ASPHALT SURFACING

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

NORTH

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 feet

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POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

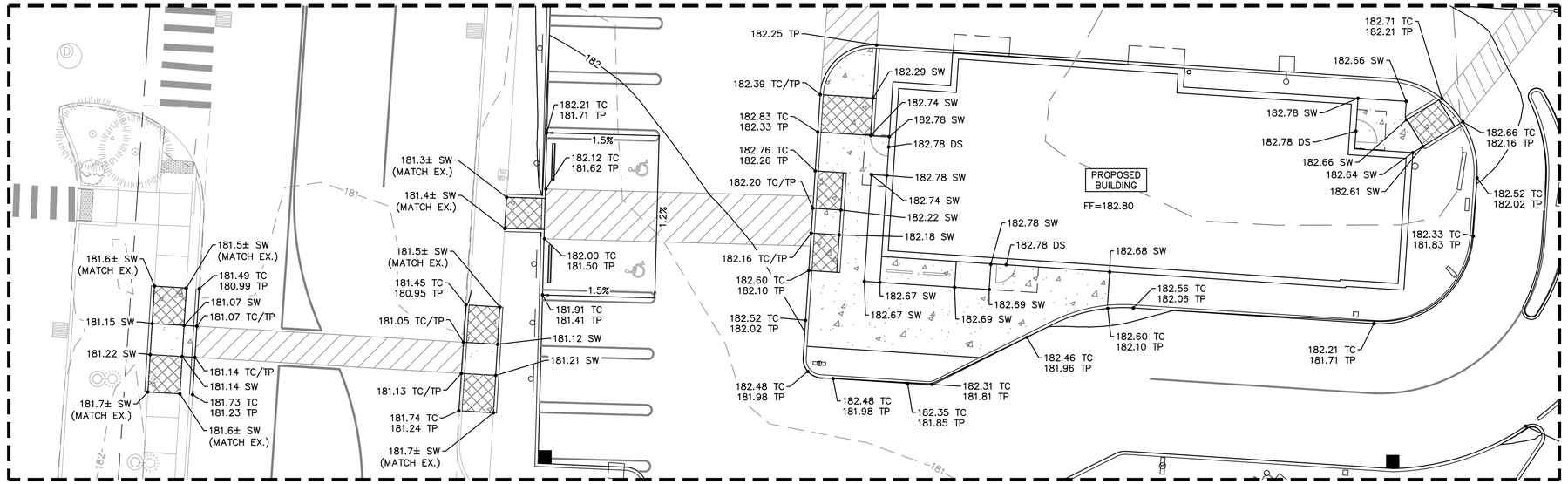
SHEET TITLE
HARDSCAPE PLAN

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER
C1.0

JOB NUMBER: A24112.10

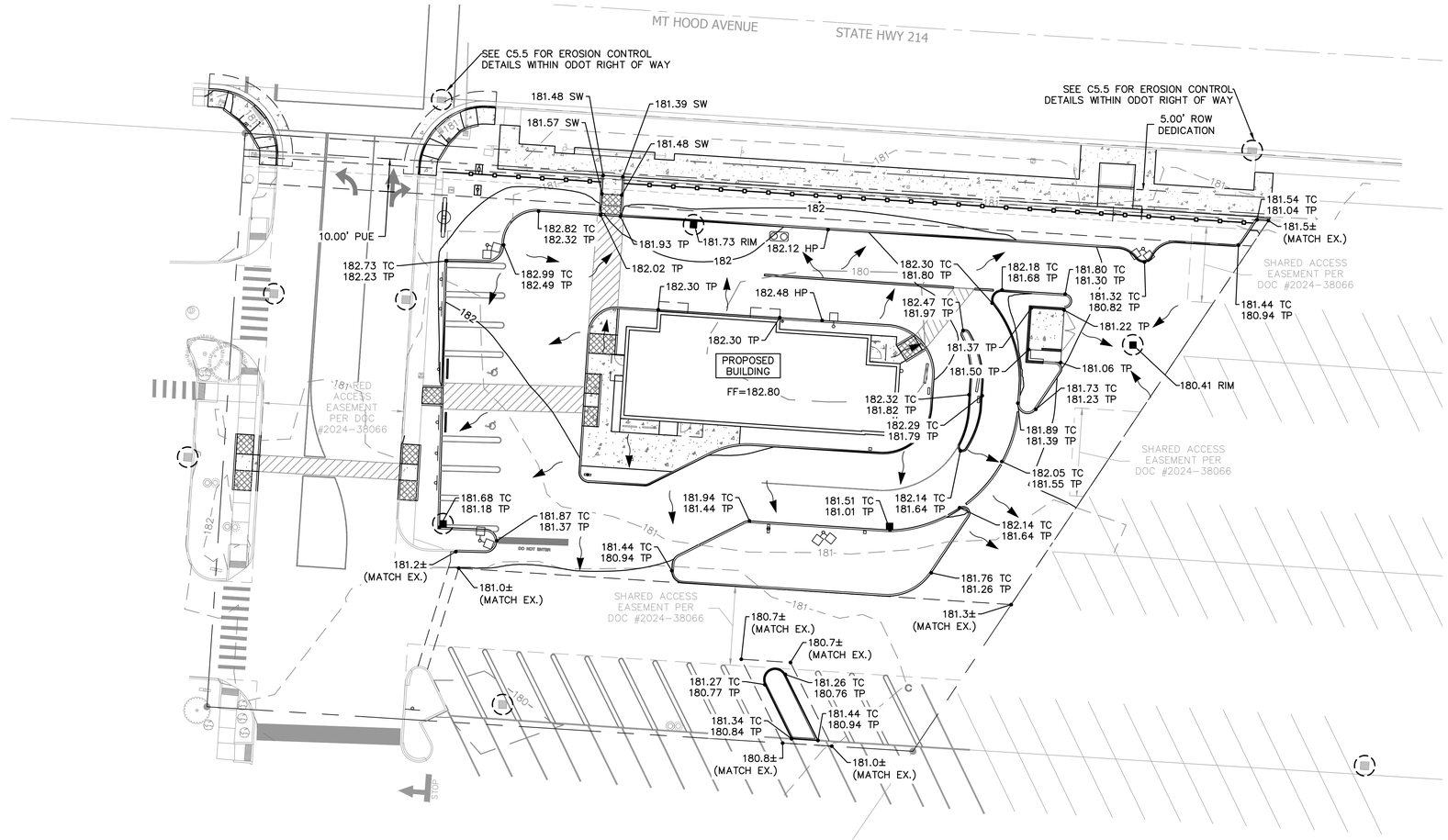
12/3/25 - CD'S



NORTH

BUILDING GRADING ENLARGEMENT

SCALE: 1" = 10'



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. CURB HEIGHTS ARE 6" UNLESS NOTED OTHERWISE.
3. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
4. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).
5. ALL WALKWAYS FROM ACCESSIBLE UNITS ARE DESIGNED TO NOT REQUIRE HANDRAILS. THEREFORE, RAMPS WITH SLOPES STEEPER THAN 5.0% AND LESS THAN 8.33% SHALL NOT EXCEED 0.5" RISE OR 6.0" LENGTH.
6. FINISH GRADES ARE TO BE BROUGHT TO WITHIN 0.08 FT IN 10 FT OF THE GRADES SHOWN AT SUBGRADE AND TO WITHIN 0.03 FT IN 10 FT AT FINISH GRADE. CONTRACTOR TO ALLOW FOR PLACEMENT OF REQUIRED TOPSOIL IN ROUGH GRADING.
7. GRADING ELEVATIONS AS SHOWN ON SITE AND LANDSCAPE PLANS ARE FINISHED GRADE WHICH INCLUDES SUBGRADE SOIL, TOPSOIL, SOIL AMENDMENTS, ROCKERY AND RUNOFF PROTECTION CONTRACTOR IS RESPONSIBLE TO COORDINATE GRADING WITH BOTH EXCAVATOR AND LANDSCAPE CONTRACTOR.

GRADING LABEL LEGEND

XX.XX XX — SPOT ELEVATION; DESCRIPTION LISTED BELOW.

DS	DOOR SILL
EX	EXISTING GRADE
FF	FINISHED FLOOR ELEVATION
HP	HIGH POINT
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT

LEGEND

- EXISTING CONTOUR MINOR — 102
- EXISTING CONTOUR MAJOR — 100
- PROPOSED CONTOUR MINOR — 102
- PROPOSED CONTOUR MAJOR — 100
- GRADE BREAK — GB — GB
- SEDIMENT FENCE PER DETAIL 1/C4.2
- INLET PROTECTION PER DETAIL 2/C4.2
- FLOW ARROW

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

NORTH

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 feet

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POPEYES WOODBURN

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SHEET TITLE

GRADING & EROSION CONTROL PLAN

DATE:	09/27/24
DRAWN:	AMW
CHECKED:	JMS
REVISIONS:	

SHEET NUMBER

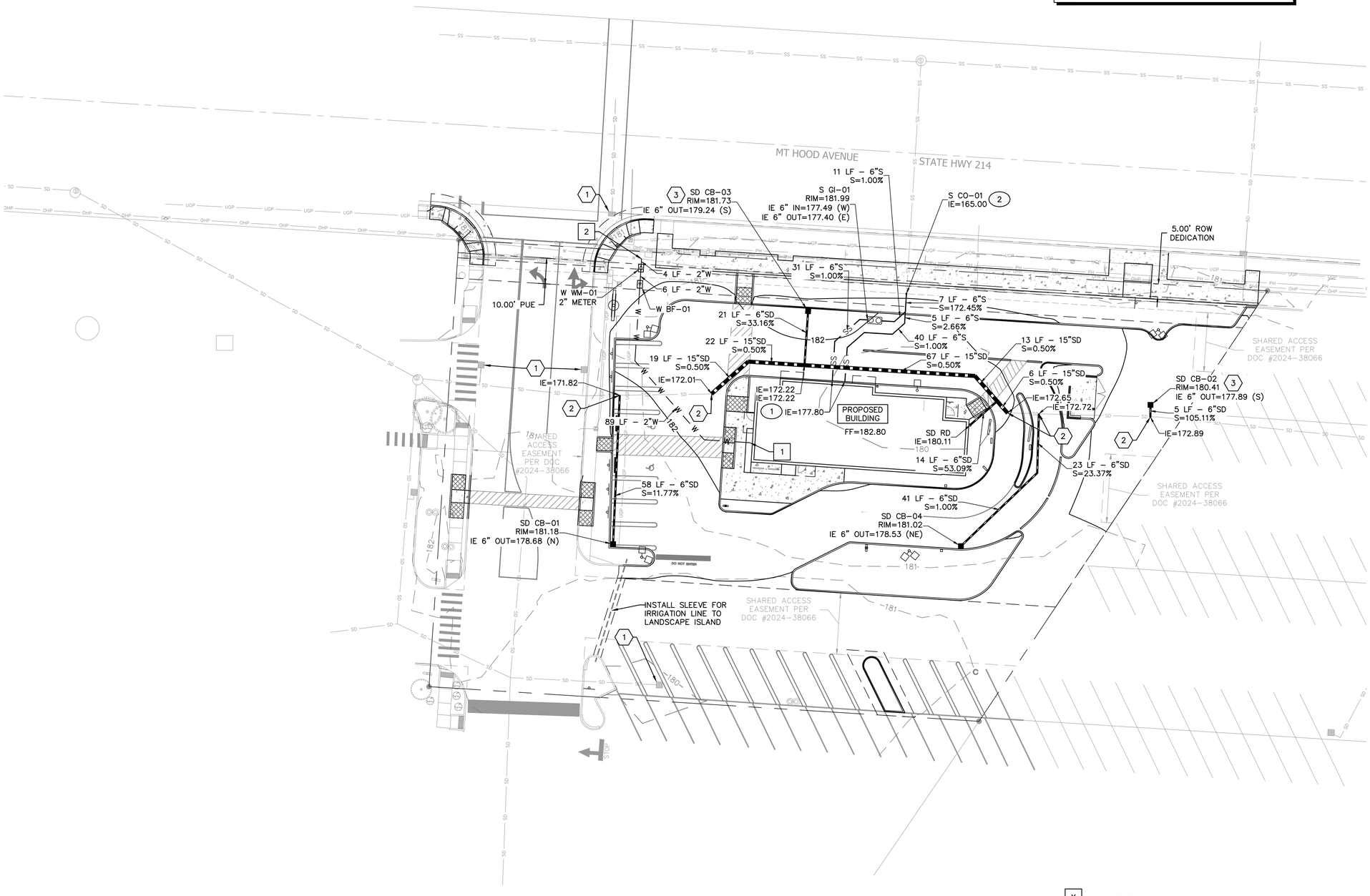
C2.0

JOB NUMBER: A24112.10

12/3/25 – CD'S

NOTE: WATER METER SIZE ASSUMED TO BE 2" UNTIL THE EXACT DOMESTIC WATER SYSTEM DEMANDS ARE KNOWN.

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. STRUCTURES HORIZONTAL LOCATIONS AND PIPE INVERTS ARE BASED ON THE CENTER OF THE STRUCTURE.
3. PIPE BEDDING AND BACKFILL UTILITIES SHALL BE DONE PER DETAIL 9/C4.0.
4. INSTALL THRUST BLOCKS ON FIRE AND WATER LINES PER DETAIL 10/C4.0.
5. ALL SANITARY PIPING SHALL BE PVC 3034 OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
6. THIS PLAN IS GENERALLY DIAGRAMMATIC. IT DOES NOT SHOW EVERY JOINT, BEND, FITTING, OR ACCESSORY REQUIRED FOR CONSTRUCTION.
7. CLEAN OUTS SHALL BE INSTALLED IN CONFORMANCE WITH UPC CHAPTER SEVEN, SECTION 707 AND SECTION 719. THIS PLAN MAY NOT SHOW ALL REQUIRED CLEAN OUTS.
8. DOMESTIC WATER AND FIRE LINES AND ACCESSORIES BETWEEN THE WATER METER AND THE BUILDING SHALL BE INSTALLED BY A LICENSED PLUMBER EMPLOYED BY A LICENSED PLUMBING CONTRACTOR.
9. UTILITIES WITHIN FIVE FEET OF A BUILDING SHALL BE CONSTRUCTED OF MATERIALS APPROVED FOR INTERIOR USE AS DESCRIBED IN THE CURRENT EDITION OF THE UPC.
10. INLETS AND OUTLETS TO ON-SITE MANHOLES SHALL HAVE FLEXIBLE CONNECTION NO CLOSER THAN 12" AND NO FARTHER THAN 36" FROM THE MANHOLE.
11. CONTRACTOR TO VERIFY SANITARY AND WATER SIZING AND INVERTS WITH APPROVED PLUMBING PLANS PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF SAID UTILITIES.
12. ALL STORM AND SANITARY FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

LABEL LEGEND

PIPE LABELS

UTILITY LENGTH
UTILITY SIZE
XXLF – XX" XX — UTILITY TYPE
S=X.XX% — SLOPE (WHERE APPLICABLE)

STRUCTURE LABELS

UTILITY TYPE (FP=FIRE PROTECTION, S=SANITARY, SD=STORM DRAINAGE, W=WATER)
STRUCTURE TYPE (SEE BELOW)
XX XX–XX — ID NUMBER (WHERE APPLICABLE)
RIM=XX.XX
IE IN=XX.X
IE OUT=XX.X — STRUCTURE INFO (WHERE APPLICABLE)

STRUCTURE TYPES

TYPE	DESCRIPTION
BF	REDUCED PRESSURE BACKFLOW ASSEMBLY PER DETAIL 11/C4.0
CB	CATCH BASIN PER DETAIL 13/C4.0
CO	CLEANOUT PER CITY DETAIL 6200-1/C4.1
GI	GREASE INTERCEPTOR PER DETAIL G12-GGI-2500/C4.1
RD	ROOF DRAIN CONNECTION
WM	WATER METER PER CITY DETAILS 5000-4 & 5050-1/C4.1

LEGEND

SANITARY SEWER LINE — ss — ss —
WATER LINE — W — W — W —
FIRE LINE — FP — FP — FP — FP —
STORM LINE

(X) STORM NOTES

1 EXISTING CATCH BASIN TO REMAIN.
2 CONNECT TO EXISTING 15" ONSITE STORM PIPE. EXISTING IE AT EACH CONNECTION NOT ENTIRELY KNOW. MAINTAIN MINIMUM 0.5% PIPE SLOPE.
3 INSTALL CATCH BASIN AT NEW LOW POINT.

(X) SANITARY NOTES

1 SANITARY BUILDING POINT OF CONNECTION
2 CONNECT TO EXISTING 8" SANITARY LATERAL ON-SITE. CONTRACTOR TO VERIFY EXISTING IE AND CONDITION OF EXISTING LATERAL.

[X] WATER NOTES

1 WATER BUILDING POINT OF CONNECTION
2 WET HOT TAP EXISTING 12" WATER MAIN.

NORTH

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(IN FEET)
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POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

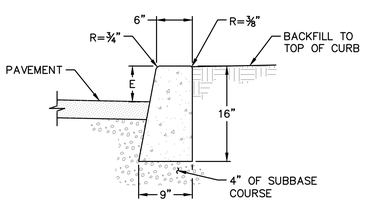
SHEET TITLE
UTILITY PLAN

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER
C3.0

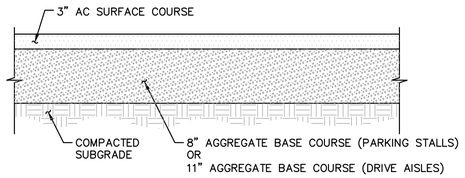
JOB NUMBER: A24112.10

12/3/25 – CD'S

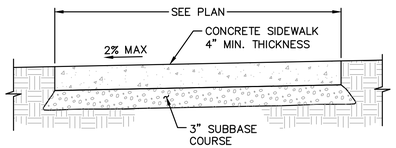


NOTES:
1. CURB EXPOSURE 'E' = 6", TYP. VARY AS SHOWN ON PLANS OR AS DIRECTED.
2. CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY.
3. TOPS OF ALL CURBS SHALL SLOPE TOWARD THE ROADWAY AT 2% UNLESS OTHERWISE SHOWN OR AS DIRECTED.
4. DIMENSIONS ARE NOMINAL AND MAY VARY TO CONFORM WITH CURB MACHINE AS APPROVED BY THE ENGINEER.

1 CONCRETE CURB - STANDARD
SCALE: NTS

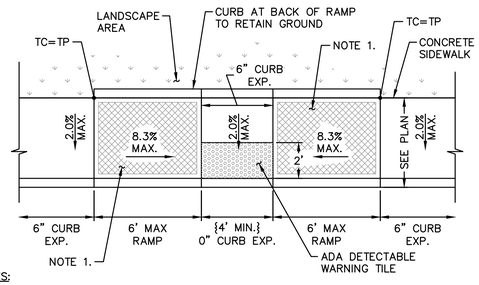


2 STANDARD ASPHALT PAVEMENT SECTION
SCALE: NTS



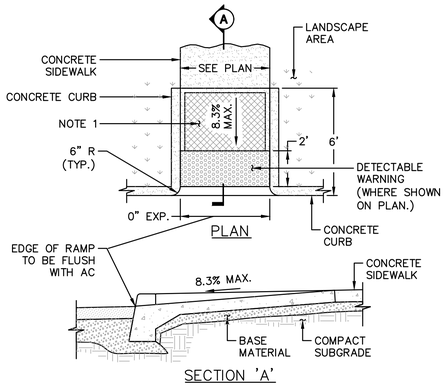
NOTES:
1. CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING, AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY, UNLESS NOTED OTHERWISE.
2. CONCRETE SHALL BE 3000 P.S.I AT 28 DAYS, 6 SACK MIX, SLUMP RANGE OF 1–1/2" TO 3".
3. PANELS SHALL BE 5 FEET LONG.
4. EXPANSION JOINTS TO BE PLACED AT SIDES OF DRIVEWAY APPROACHES, UTILITY VAULTS, WHEELCHAIR RAMPS, AND AT SPACING NOT TO EXCEED 45 FEET.
5. FOR SIDEWALKS ADJACENT TO THE CURB AND POURED AT THE SAME TIME AS THE CURB, THE JOINT BETWEEN THEM SHALL BE A TROWELED JOINT WITH A MINIMUM 1/2" RADIUS.
6. SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES IF MOUNTABLE CURB IS USED OR IF SIDEWALK IS INTENDED AS PORTION OF DRIVEWAY. OTHERWISE SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 4 INCHES.
7. DRAIN BLOCKOUTS IN CURBS SHALL BE EXTENDED TO BACK OF SIDEWALK WITH 3" DIA. PVC PIPE AT 2% SLOPE. CONTRACTION JOINT TO BE PLACED OVER PIPE.

3 CONCRETE SIDEWALK
SCALE: NTS



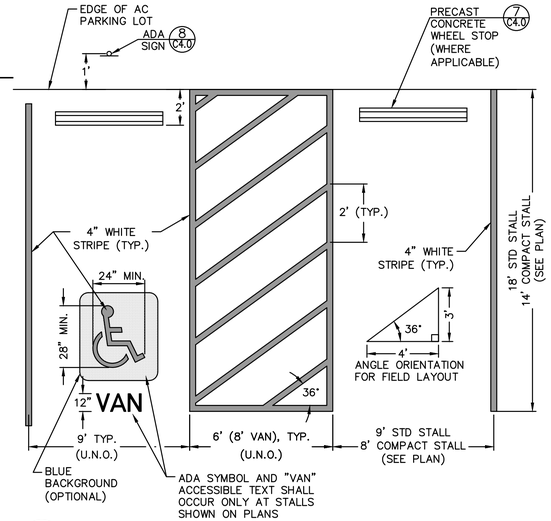
NOTES:
1. PROVIDE RAMP TEXTURING WITH AN EXPANDED METAL GRATE PLACED ON AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. EACH DIAMOND SHALL BE 1¼" LONG BY ½" WIDE WITH THE LONG SECTION AXIS ORIENTED PERPENDICULAR TO THE CURB. THE GROOVES SHALL BE ⅛" DEEP BY ¼" WIDE.

4 CURB RAMP - TYPE 1
SCALE: NTS

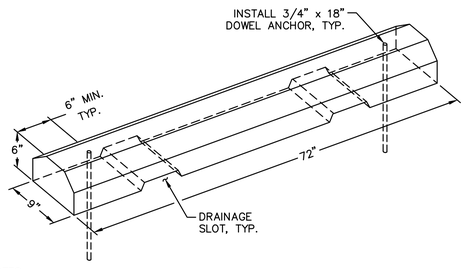


NOTES:
1. PROVIDE RAMP TEXTURING WITH AN EXPANDED METAL GRATE PLACED ON AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. EACH DIAMOND SHALL BE 1 1/4" LONG BY 1/2" WIDE WITH THE LONG SECTION AXIS ORIENTED PERPENDICULAR TO THE CURB. THE GROOVES SHALL BE 1/8" DEEP BY 1/4" WIDE.

5 CURB RAMP - TYPE 2
SCALE: NTS

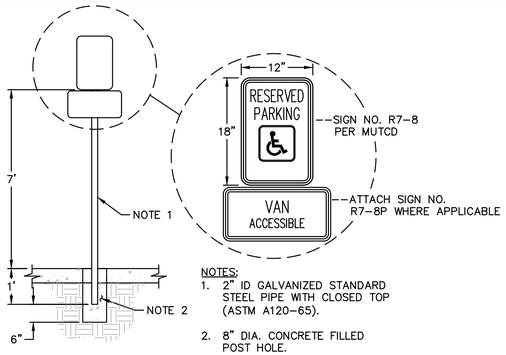


6 TYPICAL PARKING LAYOUT
SCALE: NTS



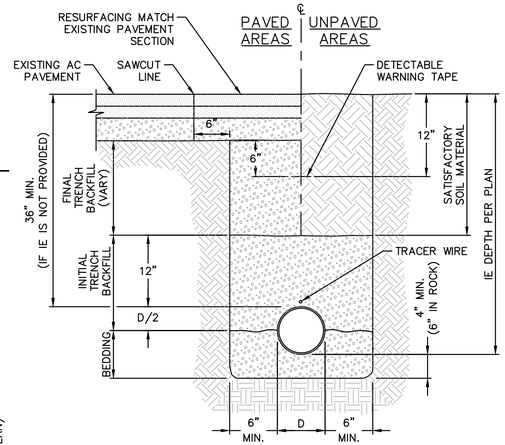
NOTES:
1. DIMENSIONS ARE NOMINAL AND MAY VARY TO CONFORM TO MANUFACTURER'S PRODUCTS APPROVED BY ENGINEER.

7 PRECAST CONCRETE WHEEL STOP
SCALE: NTS

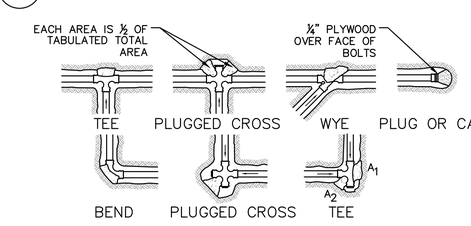


NOTES:
1. 2" ID GALVANIZED STANDARD STEEL PIPE WITH CLOSED TOP (ASTM A120–65).
2. 8" DIA. CONCRETE FILLED POST HOLE.

8 ADA PARKING SIGN - TYPE 1
SCALE: NTS



9 TYPICAL PIPE BEDDING AND BACKFILL
SCALE: NTS



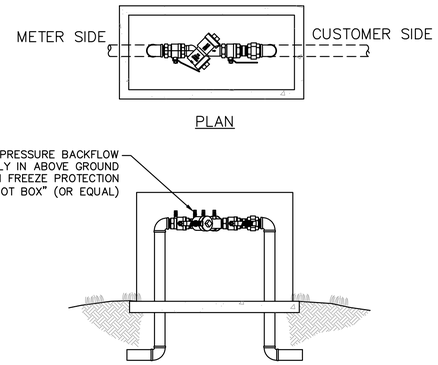
1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCIRCLED ON THE PLAN; e.g. (15) INDICATES 15 SQUARE FEET BEARING AREA REQUIRED.
4. IF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUST IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS (ES) STATED IN THE SPECIAL SPECIFICATIONS.
5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.

BEARING AREA OF THRUST BLOCK IN SQUARE FOOT

FITTING SIZE	TEE, WYE, PLUG, OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN A1	TEE PLUGGED ON RUN A2	45° BEND	22½° BEND	11¼° BEND
4	1.0	1.4	1.9	1.4	1.0		
6	2.1	3.0	4.3	3.0	1.6	1.0	
8	3.8	5.3	7.6	5.4	2.9	1.5	1.0
10	5.9	8.4	11.8	8.4	4.6	2.4	1.2

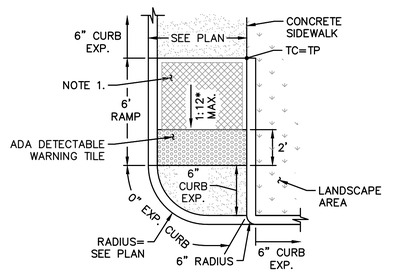
NOTE:
ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 p.s.i. AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 PSF. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURE AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESSURE/150)X(2000/ SOIL BEARING STRESS)X(TABLE VALUE).

10 THRUST BLOCK
SCALE: NTS



NOTES:
1. REFER TO THE MANUFACTURES CUT SHEETS FOR MODEL BASED ON BACKFLOW ASSEMBLY SIZE AND REQUIRED CLEARANCES.
2. CONTRACTOR TO PROVIDE POWER TO ENCLOSURE FOR FREEZE PROTECTION.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM BACKFLOW ENCLOSURE.

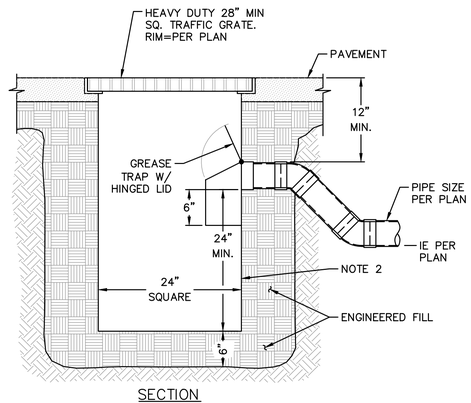
11 REDUCED PRESSURE BACKFLOW ASSEMBLY
SCALE: NTS



PLAN

NOTES:
1. PROVIDE RAMP TEXTURING WITH AN EXPANDED METAL GRATE PLACED ON AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. EACH DIAMOND SHALL BE 1¼" LONG BY ½" WIDE WITH THE LONG SECTION AXIS ORIENTED PERPENDICULAR TO THE CURB. THE GROOVES SHALL BE ⅛" DEEP BY ¼" WIDE.

12 CURB RAMP - TYPE 3
SCALE: NTS



SECTION

NOTES:
1. CONTRACTOR TO WIDEN EXCAVATION AS REQUIRED TO OBTAIN COMPACTION WITH CONTRACTORS COMPACTION EQUIPMENT.
2. 1/4" STEEL PLATE, BITUMINOUS COATED. AS MANUFACTURED BY GIBSON STEEL BASINS OR APPROVED EQUAL.

13 TRAPPED CATCH BASIN
SCALE: NTS

REGISTERED PROFESSIONAL ENGINEER
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EXPIRES: 6/30/2026

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POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE
DETAILS

DATE: 09/27/24
DRAWN: AMW
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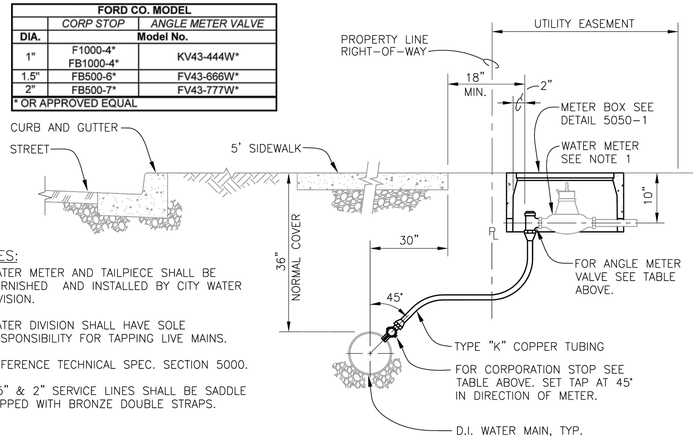
SHEET NUMBER
C4.0

JOB NUMBER: A24112.10

12/3/25 – CD'S

FORD CO. MODEL		
	CORP STOP	ANGLE METER VALVE
DIA.	Model No.	
1"	F1000-4* FB1000-4*	KV43-444W*
1.5"	FB500-6*	FV43-666W*
2"	FB500-7*	FV43-777W*
* OR APPROVED EQUAL		



NOTES:

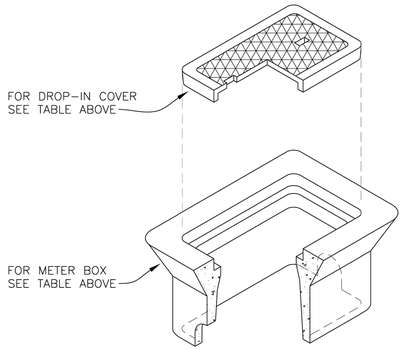
1. WATER METER AND TAILPIECE SHALL BE FURNISHED AND INSTALLED BY CITY WATER DIVISION.
2. WATER DIVISION SHALL HAVE SOLE RESPONSIBILITY FOR TAPPING LIVE MAINS.
3. REFERENCE TECHNICAL SPEC. SECTION 5000.
4. 1.5" & 2" SERVICE LINES SHALL BE SADDLE TAPPED WITH BRONZE DOUBLE STRAPS.

WOODBURN OREGON Incorporated 1889
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

WATER SERVICE CONNECTION

REV: MAY 2011
SCALE: NTS
DET No. 5000-4

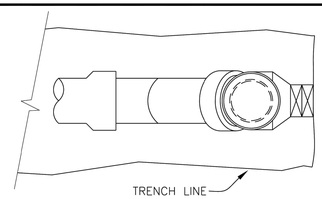
BROOKS PRODUCTS		
	COVER	METER BOX
DIA.	MODEL NO.	
1"	No. 37-T CAST IRON COVER*	No. 37 MB-BODY*
2"	No. 65-TF STEEL COVER (FLUSH)*	No. 65 MB-BODY*
* OR APPROVED EQUAL		



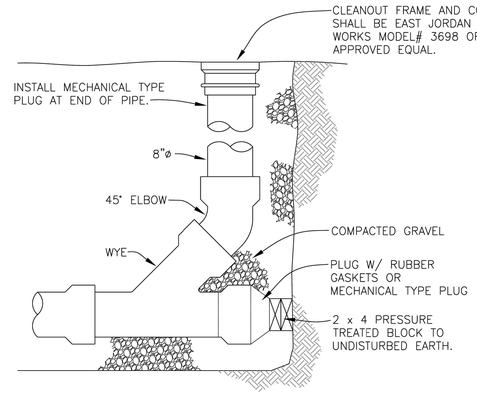
WOODBURN OREGON Incorporated 1889
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

METER BOX

REV: FEB 2020
SCALE: NTS
DET No. 5050-1



PLAN VIEW



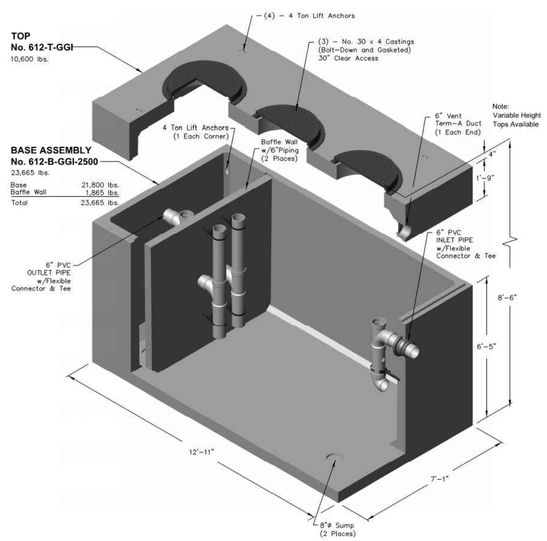
ELEVATION VIEW

WOODBURN OREGON Incorporated 1889
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

MAIN LINE CLEANOUT

REV: DEC. 2007
SCALE: NTS
DET No. 6200-1

612-GGI-2500 6" PIPING



Note:
– Contractor is responsible for supplying crane to set vault.

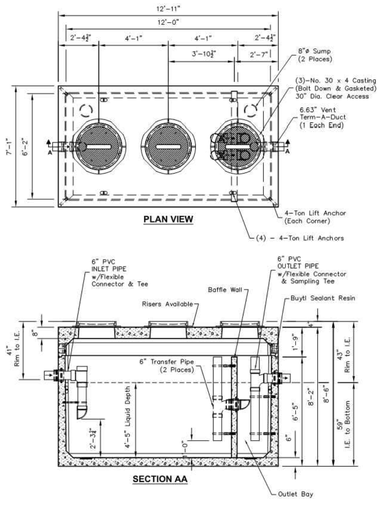
Note: Designed for 0 to 5'-0" of Cover

"IAPMO Listed"

Oldcastle Precast®	612-GGI-2500	612-GGI-2500 GRAVITY GREASE INTERCEPTOR 2500 GALLON
PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657	File Name: 020-612GGI-2500 Issue Date: 2018 oldcastleprecast.com/wilsonville	

21.0

612-GGI-2500 6" PIPING

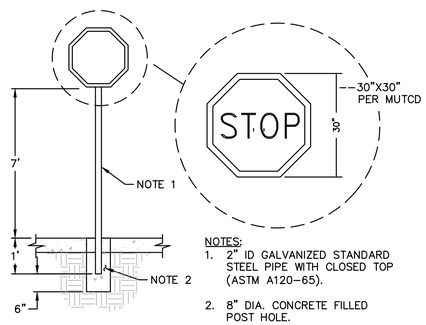


Gravity Grease Interceptor:
– Designed in accordance with IAPMO/ANSI Z1001, Manufactured per ASTM C1613
– Loading per ASTM C890 for AASHTO HS20–44 vehicle loading and maximum soil cover of 5'–0"
– Maximum allowable DFUs (Drainage Fixture Units) = 307 (equivalent to 2,500 gallon size)
– Corrosion resistant plastic liner available to extend the life of the tank.

Manufacturer's recommendations:
– Fill lift anchor pockets with grout.
– Ventilate each end to open atmosphere.
– Prior to "Start Up" of System, fill with clean water through inlet bay to bottom of transfer pipe (approx. one foot deep).
– Follow Regular Inspection, Cleaning, & Maintenance Schedule (See Clean Out & Maintenance Instructions).

Oldcastle Precast®	612-GGI-2500	612-GGI-2500 GRAVITY GREASE INTERCEPTOR 2500 GALLON
PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657	File Name: 020-612GGI-2500 Issue Date: 2018 oldcastleprecast.com/wilsonville	

21.1



NOTES:
1. 2" ID GALVANIZED STANDARD STEEL PIPE WITH CLOSED TOP (ASTM A120–65).
2. 8" DIA. CONCRETE FILLED POST HOLE.

1 STOP SIGN
SCALE: NTS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI aghan associates, inc. ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

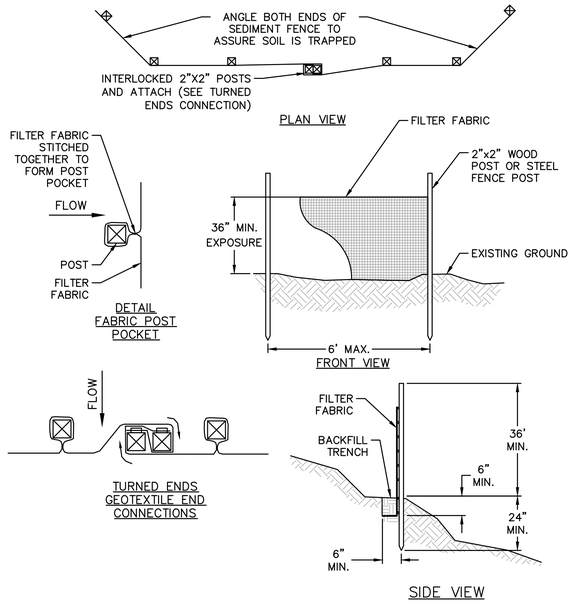
SHEET TITLE
DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER
C4.1

JOB NUMBER: A24112.10

12/3/25 – CD'S

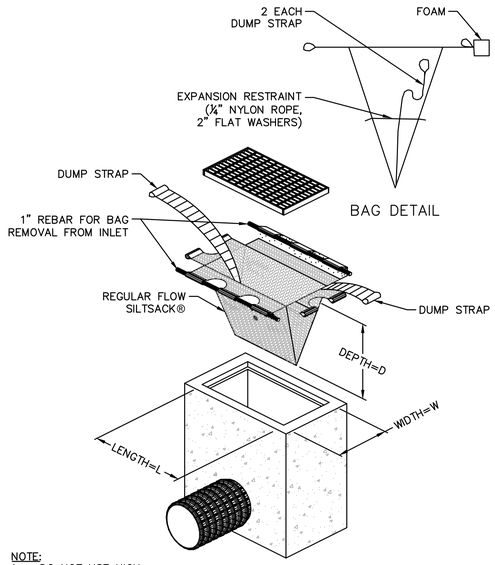


NOTES:

1. THE FILTER FABRIC SHALL BE (36" MIN. WIDTH) PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6–INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST, OR OVERLAP 2"x2" POSTS AND ATTACH AS SHOWN ON DETAIL SHEET.
2. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE. THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF 6–FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 24–INCHES.
3. THE FILTER FABRIC SHALL HAVE A MINIMUM VERTICAL BURIAL OF 6–INCHES. ALL EXCAVATED MATERIAL FROM FILTER FABRIC FENCE INSTALLATION, SHALL BE BACKFILLED AND COMPACTED, ALONG THE ENTIRE DISTURBED AREA.
4. STANDARD OR HEAVY DUTY FILTER FABRIC SHALL HAVE MANUFACTURED STITCHED LOOPS FOR 2"x2" POST INSTALLATION. STITCHED LOOPS WITH STAKES SHALL BE INSTALLED ON THE DOWN–HILL SIDE OF THE SLOPED AREA.
5. FILTER FABRIC FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UP–SLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
6. FILTER FABRIC FENCES SHALL BE INSPECTED BY CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

1 SEDIMENT FENCE

SCALE: NTS



NOTE:

1. DO NOT USE HIGH FLOW INSERT BAGS.

2 INLET SEDIMENT PROTECTION

SCALE: NTS

AAI engineering
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

DETAILS

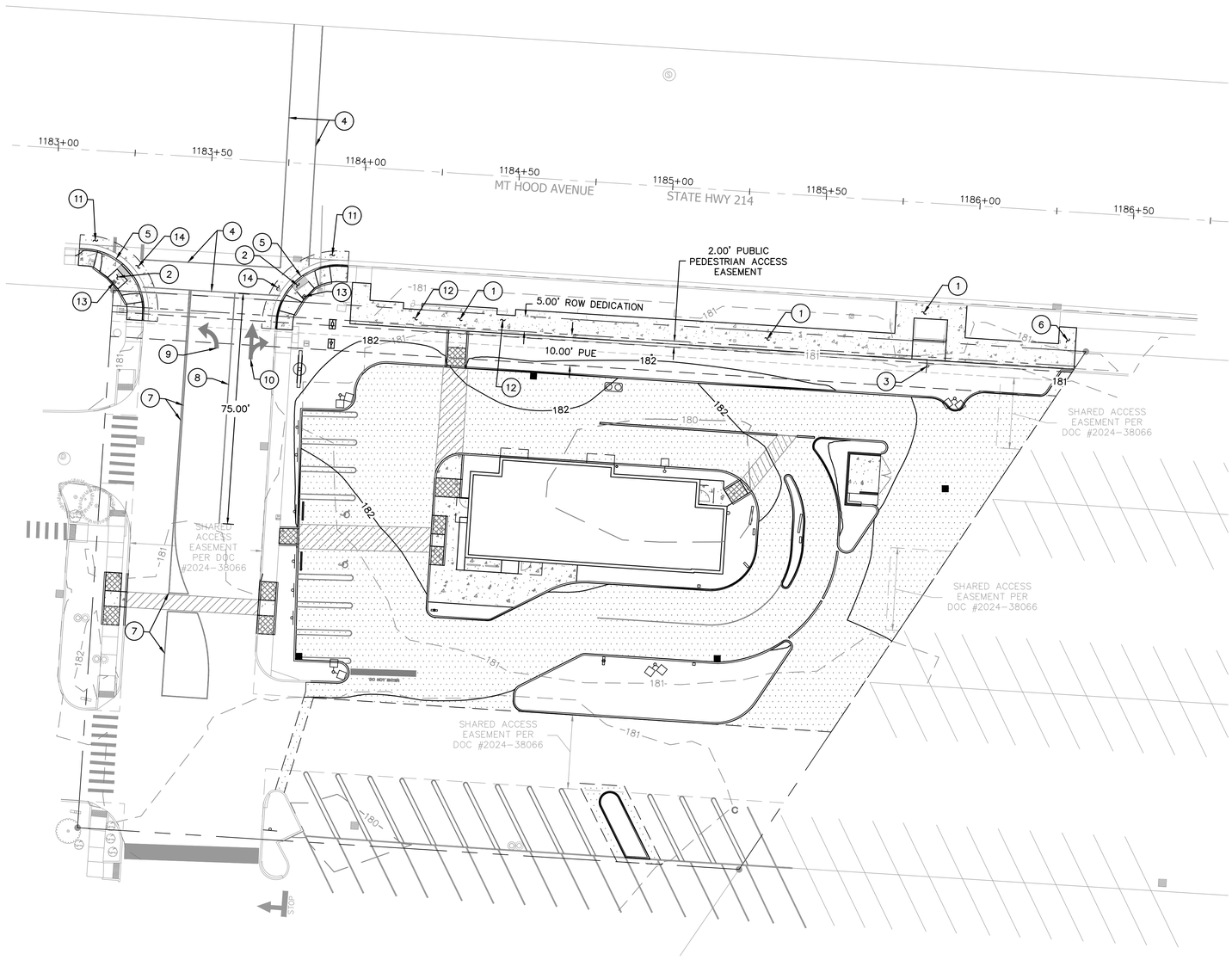
DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C4.2

JOB NUMBER: A24112.10

12/3/25 – CD'S



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. SEE ONSITE PLANS FOR ADDITIONAL SITE INFORMATION.
3. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.
5. POSTED SPEED LIMIT ON US 214/STATE HWY 140 IS 35 MPH.
6. STATIONING BASED ON REFERENCE STA 1195+53.10 AT THE CENTERLINE INTERSECTION WITH HWY 99 E/PACIFIC HWY FROM ODOT INVENTORY DETAIL FOR US ROUTE 214/STATE HWY 140 MILEPOINT DETAIL 39.1. REFERENCE ROW MAP 09B-08-0014.

HARDSCAPE LEGEND

PROPERTY LINE	
CENTERLINE	
CONCRETE SIDEWALK SURFACING	
EXISTING CONTOUR MINOR	102
EXISTING CONTOUR MAJOR	100
PROPOSED CONTOUR MINOR	102
PROPOSED CONTOUR MAJOR	100

(X) CONSTRUCTION NOTES

1 INSTALL 8' WIDE CONCRETE SIDEWALK PER DETAILS RD720 & RD721/C5.3
2 INSTALL DIAGONAL PARALLEL CURB RAMP PER DETAILS RD920 &RD922/C5.4 WITH DETECTABLE WARNING SURFACE PER DETAIL RD902/C5.4
3 RELOCATE EXISTING CAT TRANSIT SIGN BEHIND PUBLIC SIDEWALK.
4 INSTALL "CW" CROSSWALK STRIPING PER DETAIL TM503/C5.4
5 INSTALL CONCRETE CURB AND GUTTER PER DETAIL RD700/C5.3
6 INSTALL SIDEWALK TRANSITION PANEL PER DETAIL RD722/ C5.3
7 INSTALL "Y" YELLOW LINE STRIPING PER DETAIL TM500/C5.5
8 INSTALL "W" WHITE LINE STRIPING PER DETAIL TM500/C5.5
9 INSTALL "LA" LEFT TURN ARROW STRIPING PER DETAIL TM501/C5.5
10 INSTALL "RSA" RIGHT TURN STRAIGHT ARROW STRIPING PER DETAIL TM501/C5.5
11 SAWCUT AND INSTALL AC PAVEMENT PER DETAIL RD610/C5.6
12 REDUCE PUBLIC SIDEWALK WIDTH TO AVOID CONFLICT WITH EXISTING UTILITY POLE AND GUY WIRE.
13 INSTALL STANDARD PEDESTRIAN PUSH BUTTON ON METAL POLE PER DETAILS DET 4422 & TM 467/C5.6. FACE SURFACE OF BUTTON IS PARALLEL TO CROSSING DIRECTION.
14 INSTALL PCC APPROACH CONNECTION SURFACING PER DETAIL RD715/C5.6

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

NORTH

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 feet

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

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ENGINEERING
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503.620.0039 tel | 503.620.5539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

MT HOOD AVE PLAN

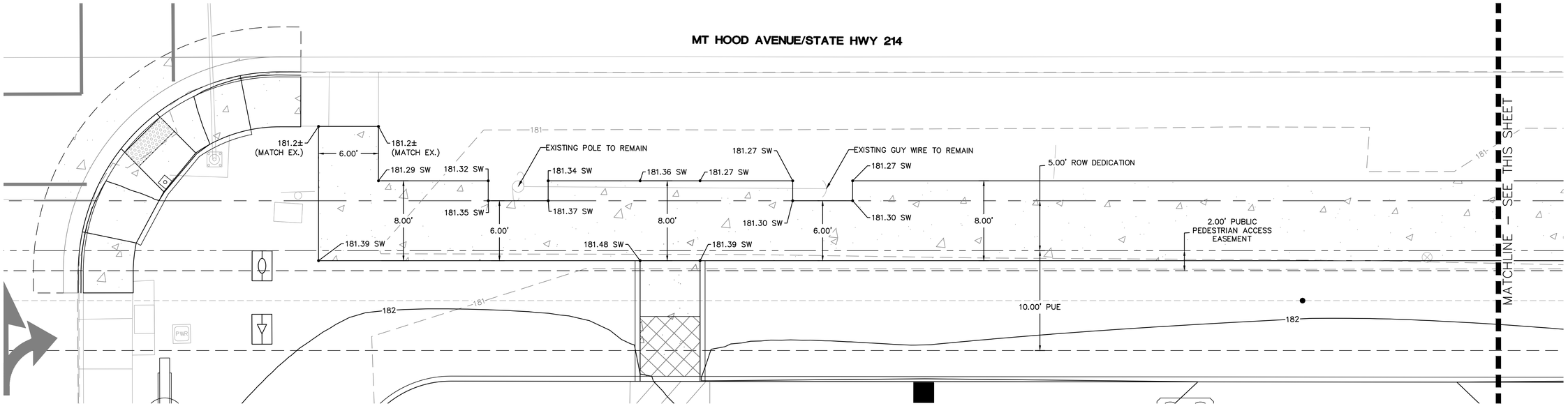
DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

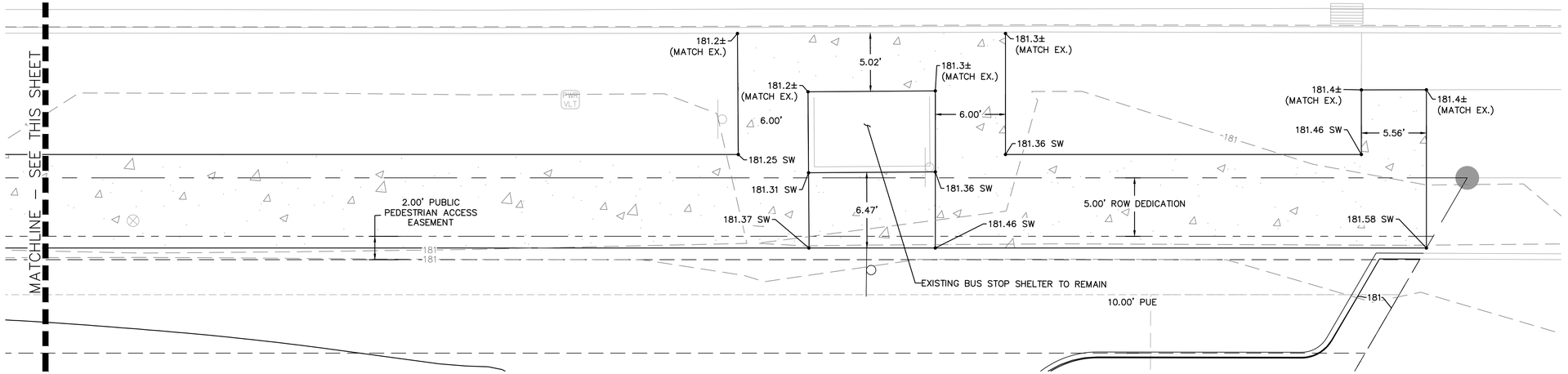
SHEET NUMBER

C5.0

JOB NUMBER: A24112.10

12/3/25 - CD'S





HARDSCAPE LEGEND

PROPERTY LINE	
CENTERLINE	
CONCRETE SIDEWALK SURFACING	
EXISTING CONTOUR MINOR	102
EXISTING CONTOUR MAJOR	100
PROPOSED CONTOUR MINOR	102
PROPOSED CONTOUR MAJOR	100
GRADE BREAK	GB GB

GRADING LABEL LEGEND

SPOT ELEVATION

XX.XX XX — DESCRIPTION LISTED BELOW.

EX	EXISTING GRADE
HP	HIGH POINT
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT

NORTH

GRAPHIC SCALE

5 0 2.5 5 10 20

(IN FEET)
1 inch = 5 feet

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

GRADING SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. CURB HEIGHTS ARE 6" UNLESS NOTED OTHERWISE.
3. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
4. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).
5. ALL WALKWAYS FROM ACCESSIBLE UNITS ARE DESIGNED TO NOT REQUIRE HANDRAILS. THEREFORE, RAMPS WITH SLOPES STEEPER THAN 5.0% AND LESS THAN 8.33% SHALL NOT EXCEED 0.5' RISE OR 6.0' LENGTH.
6. FINISH GRADES ARE TO BE BROUGHT TO WITHIN 0.08 FT IN 10 FT OF THE GRADES SHOWN AT SUBGRADE AND TO WITHIN 0.03 FT IN 10 FT AT FINISH GRADE. CONTRACTOR TO ALLOW FOR PLACEMENT OF REQUIRED TOPSOIL IN ROUGH GRADING.
7. GRADING ELEVATIONS AS SHOWN ON SITE AND LANDSCAPE PLANS ARE FINISHED GRADE WHICH INCLUDES SUBGRADE SOIL, TOPSOIL, SOIL AMENDMENTS, ROCKERY AND RUNOFF PROTECTION CONTRACTOR IS RESPONSIBLE TO COORDINATE GRADING WITH BOTH EXCAVATOR AND LANDSCAPE CONTRACTOR.

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

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4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

OFFSITE GRADING PLAN

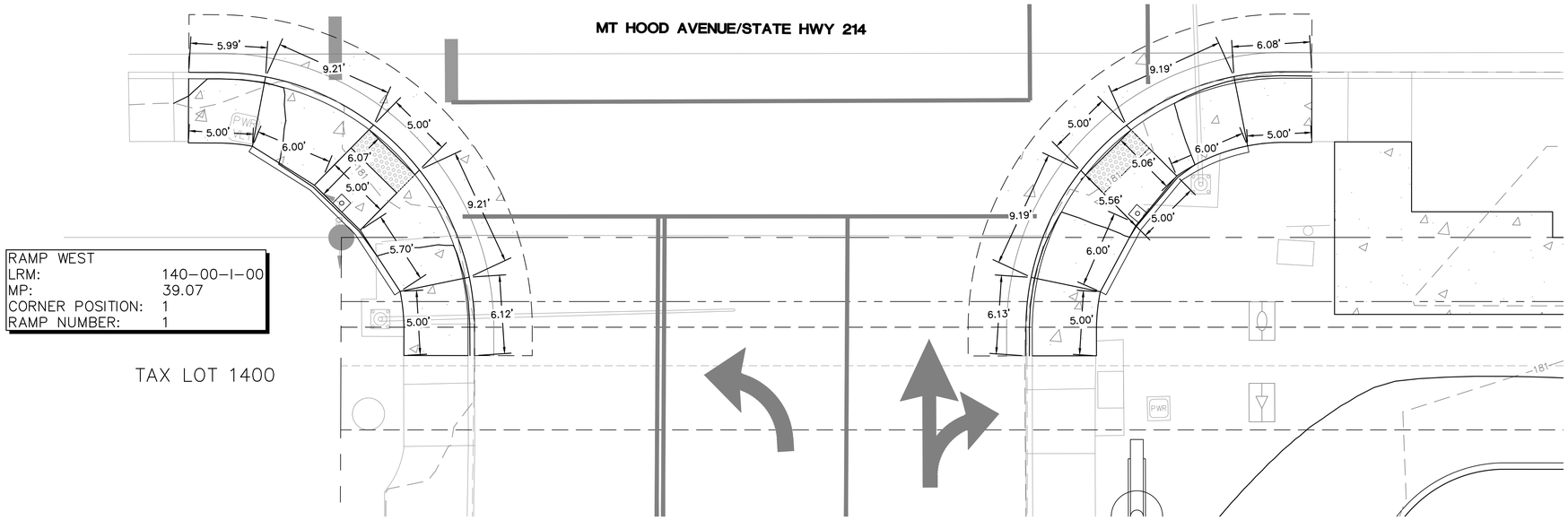
DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C5.1

JOB NUMBER: A24112.10

12/3/25 – CD'S



RAMP WEST	
LRM:	140–00–I–00
MP:	39.07
CORNER POSITION:	1
RAMP NUMBER:	1

RAMP EAST	
LRM:	140–00–I–00
MP:	39.07
CORNER POSITION:	2
RAMP NUMBER:	1

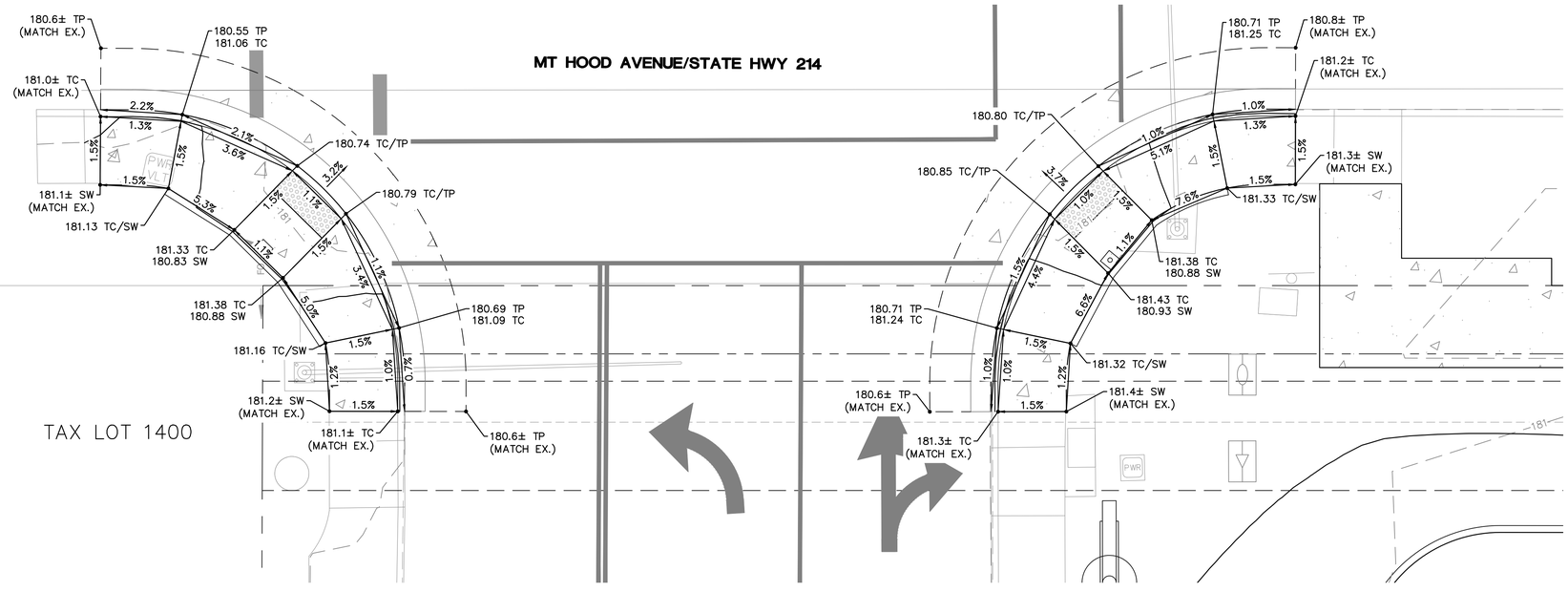
NORTH

RAMP DIMENSIONAL PLAN

SCALE: 1" = 5'

SHEET NOTES

1. POSTED SPEED LIMIT ON US 214/STATE HWY 140 IS 35 MPH.
2. STATIONING BASED ON REFERENCE STA 1195+53.10 AT THE CENTERLINE INTERSECTION WITH HWY 99 E/PACIFIC HWY FROM ODOT INVENTORY DETAIL FOR US ROUTE 214/STATE HWY 140 MILEPOINT DETAIL 39.1. REFERENCE ROW MAP 09B–08–0014.
3. SLOPES HOLD OVER ELEVATIONS.
4. SEE STD DWS RD900 AND RD901 FOR DETAILS NOT SHOWN.
5. CONSTRUCT CONCRETE JOINTS AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.



NORTH

RAMP GRADING PLAN

SCALE: 1" = 5'

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK SURFACING
- ASPHALT SURFACING
- TRUNCATED DOME DETECTABLE WARNING SURFACE

GRADING LABEL LEGEND

SPOT ELEVATION

XX.XX XX — DESCRIPTION LISTED BELOW.

EX	EXISTING GRADE
HP	HIGH POINT
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT

NORTH

GRAPHIC SCALE

5 0 2.5 5 10 20

(IN FEET)
1 inch = 5 feet

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

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503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

CURB RAMP DETAILS

DATE:	09/27/24
DRAWN:	AMW
CHECKED:	JMS

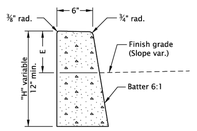
REVISIONS:

SHEET NUMBER

C5.2

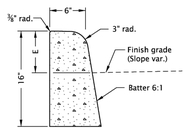
JOB NUMBER: A24112.10

12/3/25 – CD'S

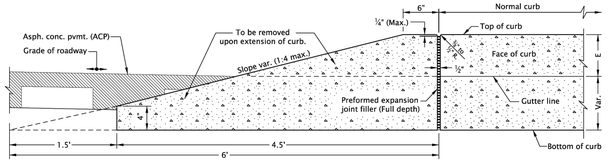


O.D.O.T. & City of Portland Standard "H"=16"

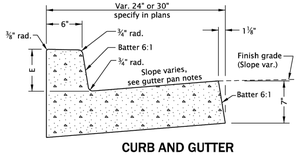
STANDARD CURB
(See general note 11)



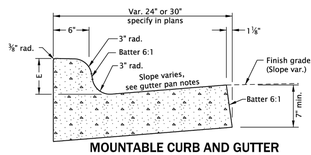
MOUNTABLE CURB
(See general note 11)



CURB ENDING DETAIL



CURB AND GUTTER



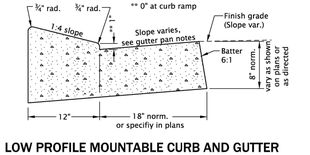
MOUNTABLE CURB AND GUTTER

GUTTER PAN NOTES:

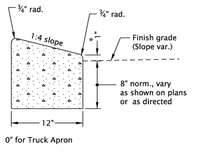
Slope 5.0% normal.

Slope 4.0% max. at curb ramps.

Vary slope as reqd. for drainage. Vary where shown on plans, and allowed by jurisdiction.

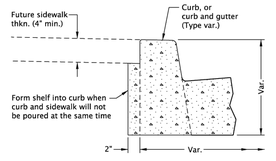


LOW PROFILE MOUNTABLE CURB AND GUTTER
(Where shown on plans)

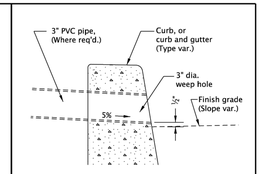


* 0" for Truck Apron

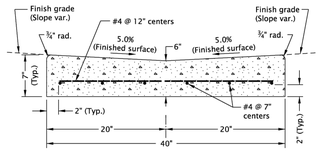
LOW PROFILE MOUNTABLE CURB
(See general note 11)



MODIFICATION FOR KEYWAY
(Where shown on plans)



WEEP HOLE DETAIL
(Where shown on plans, and allowed by jurisdiction)



VALLEY GUTTER

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb exposure "E" = 6" to 9", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.O.T standard "E"=7".
2. Const. curb expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveways.
3. Const. curb contraction joints at 15' maximum spacing, and at ends of each inlet and curb ramp.
4. Transitions shall be used to connect curbs of different exposures "E". ("E" is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper). Minimum desirable transition length shall be 20' for each 1" difference in "E".
5. Tops of all curbs shall slope toward the roadway at 1.5% max. (Max. 2.0% finished surface slope), unless otherwise shown, or as directed.
6. Dimensions are nominal, vary to conform with curb machine approved by the engineer.
7. Dimensions adjacent to radii are measured to the point of intersection of curb surfaces.
8. For sidewalk details, and monolithic curb & sidewalk, see Std. Dwgs. RD720 & RD721.
9. For drainage curbs, see Std. Dwg. RD701.
10. For curb ramp details, see Std. Dwgs. RD900 series.
11. On or along state highways, curb and gutter is required at curb ramp.

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

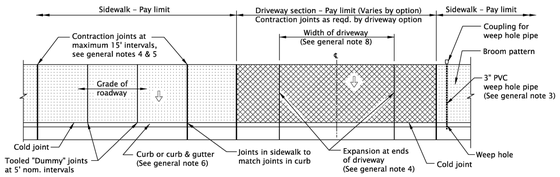
CURBS

2024

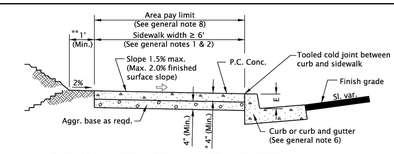
DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A | SDR DATE 20-JUL-2020 | **RD700**

Effective Date: June 1, 2025 – November 30, 2025



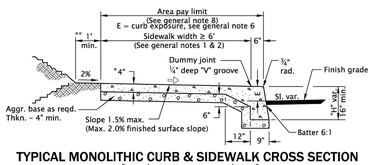
TYPICAL PLAN VIEW - CURB LINE SIDEWALK



TYPICAL CURB SIDEWALK CROSS SECTION

* Min. 4" or as specified in plans. A thickness ≥ 6" if sidewalk is intended as portion of a driveway or mountable curb is used.

** Provide compacted backfill adjacent to curb and sidewalk



TYPICAL MONOLITHIC CURB & SIDEWALK CROSS SECTION
E = curb exposure, see general note 6

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joints details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joints details.
6. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on applicable ODOT standards.
8. Fully lowered sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.

LEGEND

- Sidewalk pay limit.
- Driveway pay limit, varies by option, (See general note 8).
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

CURB LINE SIDEWALKS

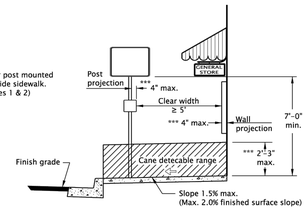
2024

DATE	REVISION DESCRIPTION

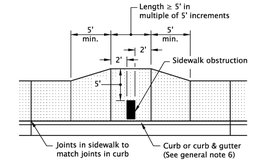
CALC. BOOK NO. N/A | SDR DATE 21-JUN-2019 | **RD720**

Effective Date: June 1, 2025 – November 30, 2025

*** Objects with base below 2'-3" may protrude any distance as long as the 5' circulation path is maintained. When an object with a base higher than 2'-3" protrudes further than 4" provide a detection below protrusion to delineate edge.



CLEAR CIRCULATION PATH



REQUIRED SIDEWALK WIDENING AROUND OBSTRUCTIONS

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joints details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joints details.
6. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on applicable ODOT standards.
8. Fully lowered sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.

LEGEND

- Sidewalk pay limit.
- Driveway pay limit, varies by option, (See general note 8).
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

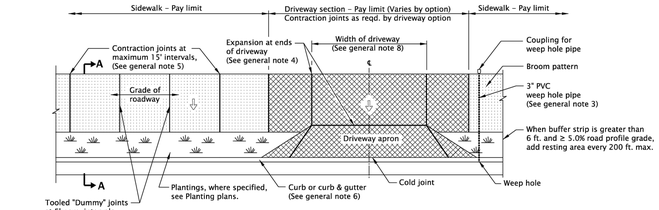
CURB LINE SIDEWALKS

2024

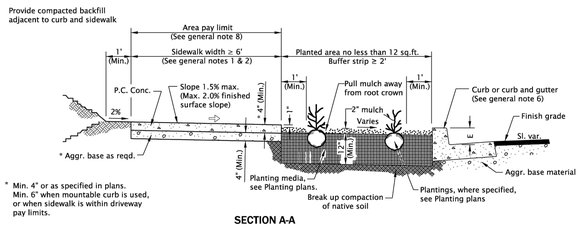
DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A | SDR DATE 21-JUN-2019 | **RD720**

Effective Date: June 1, 2025 – November 30, 2025



TYPICAL PLAN VIEW - SEPARATED SIDEWALK



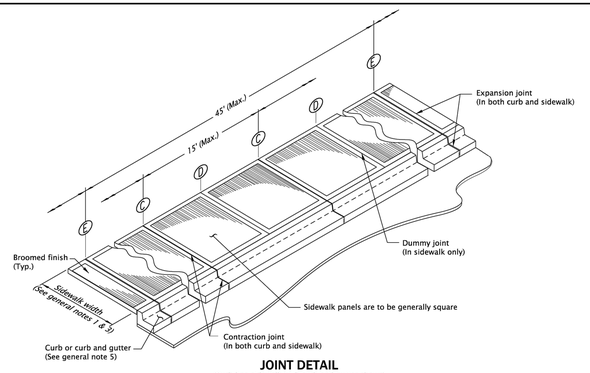
* Min. 4" or as specified in plans. Min. 6" when mountable curb is used, or when sidewalk is within driveway pay limits.

SECTION A-A

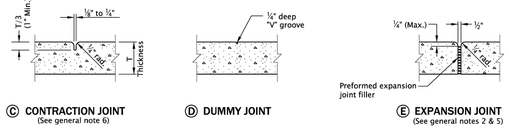
TYPICAL SETBACK SIDEWALK CROSS SECTION
E = curb exposure, see general note 6

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Include additional paved or unpaved 2' shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 3" pvc weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.
4. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joints details.
5. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joint details.
6. Curb and gutter shown; see project plans for the curb design specified. For curb details, see Std. Dwgs. RD700 & RD701. ODOT standard E=7".
7. Sidewalk details are based on ODOT applicable standards.
8. Driveway encroaches into sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwgs. RD725, RD730, RD735, RD740, RD745 & RD750.
9. See project plans for details not shown.
10. Provide plantings in areas 12 SF or greater, as shown or directed. Treat areas less than 12 SF with mulch surfacing.



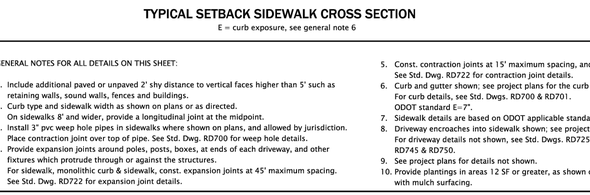
JOINT DETAIL
(Curb line sidewalk with curb and gutter shown)



Ⓒ CONTRACTION JOINT (See general note 6)

Ⓓ DUMMY JOINT

Ⓔ EXPANSION JOINT (See general notes 2 & 5)



NON-PLANTED SOFTSCAPE CROSS SECTION

NOTES:
1 Use softscape materials allowed by jurisdiction.
2. Approved softscape materials:
   a) Loose, durable round rock 2"–4"in diameter
   b) Lava rock 2"–4"diameter
   c) Wood chips/bark mulch
   d) Sand
3. No crushed aggregate or pea gravel allowed.
4. Install softscape material flush with the top of sidewalk.

LEGEND

- Sidewalk pay limit.
- Driveway pay limit, varies by option, (See general note 8).
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See Std. Dwgs. RD720 and RD721 for concrete sidewalk details. See project plans for sidewalk width, placement and design specified.
2. Provide expansion joints around poles, boxes, at ends of each driveway and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb and sidewalk, provide construction expansion joints at 45 feet maximum spacing.
3. On sidewalks 8 feet and wider, provide a longitudinal joint at the midpoint of sidewalk panel.
4. See Std. Dwgs. RD700 and RD701 for concrete curb details. See project plans for the curb design specified.
5. Do not place expansion joints between separate concrete pours for curb ramp system components construction. Place expansion joints outside of curb ramp runs when required. Install expansion joints flush with surface for structures protruding through the curb ramp system. See Std. Dwg. RD900.
6. Construct contraction joints at 15 feet maximum spacing, and at each curb ramp, driveway, sidewalk and curb.

LEGEND:

- New sidewalk or ramp run
- Slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Slope 7.5% max. (Max. 8.3% finished surface slope)
- Zero exposure

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

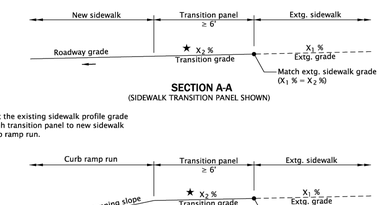
SEPARATED SIDEWALKS

2024

DATE	REVISION DESCRIPTION

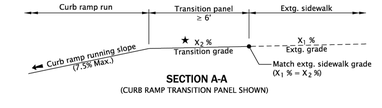
CALC. BOOK NO. N/A | SDR DATE 20-JUL-2020 | **RD721**

Effective Date: June 1, 2025 – November 30, 2025

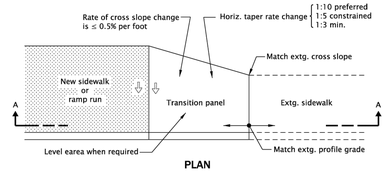


SECTION A-A
(SIDEWALK TRANSITION PANEL SHOWN)

★ Project the existing sidewalk profile grade through transition panel to new sidewalk or curb ramp run.



SECTION A-A
(CURB RAMP TRANSITION PANEL SHOWN)



PLAN

SIDEWALK AND CURB RAMP TRANSITION PANELS

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See Std. Dwgs. RD720 and RD721 for concrete sidewalk details. See project plans for sidewalk width, placement and design specified.
2. Provide expansion joints around poles, boxes, at ends of each driveway and other fixtures which protrude through or against the structures. For sidewalk, monolithic curb and sidewalk, provide construction expansion joints at 45 feet maximum spacing.
3. On sidewalks 8 feet and wider, provide a longitudinal joint at the midpoint of sidewalk panel.
4. See Std. Dwgs. RD700 and RD701 for concrete curb details. See project plans for the curb design specified.
5. Do not place expansion joints between separate concrete pours for curb ramp system components construction. Place expansion joints outside of curb ramp runs when required. Install expansion joints flush with surface for structures protruding through the curb ramp system. See Std. Dwg. RD900.
6. Construct contraction joints at 15 feet maximum spacing, and at each curb ramp, driveway, sidewalk and curb.

LEGEND:

- New sidewalk or ramp run
- Slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Slope 7.5% max. (Max. 8.3% finished surface slope)
- Zero exposure

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

SIDEWALK JOINTS AND TRANSITION PANELS

2024

DATE	REVISION DESCRIPTION
07-2022	REVISED NOTES

CALC. BOOK NO. N/A | SDR DATE 08-JUL-2022 | **RD722**

Effective Date: June 1, 2025 – November 30, 2025

REGISTERED PROFESSIONAL ENGINEER
OREGON
10 - 23221
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering
ENGINEERING
4875 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

ODOT DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS

REVISIONS:

SHEET NUMBER

C5.3

JOB NUMBER: A24112.10

12/3/25 – CD'S

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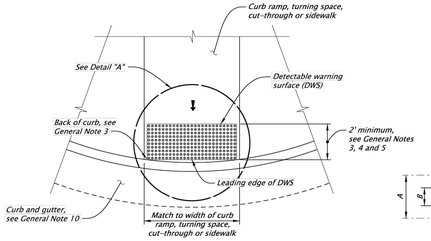
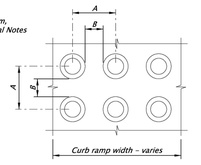
RD721.dgn 20-JUL-2020

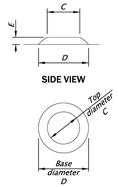


DETECTABLE WARNING SURFACE DETAIL

TRUNCATED DOME SIZE/SPACING DIMENSIONS					
	A	B	C	D	E
MINIMUM (IN.)	1.60	0.65	0.45	0.90	0.20
MAXIMUM (IN.)	2.40	--	0.91	1.40	0.20

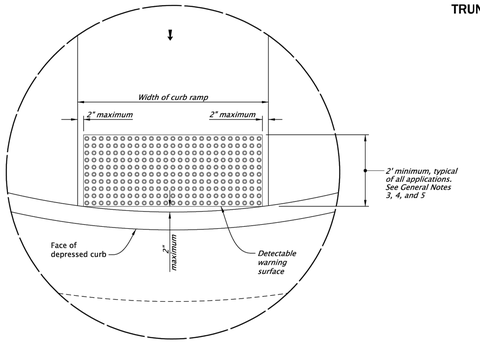


TRUNCATED DOME SPACING



TRUNCATED DOME

TRUNCATED DOME DETAILS



DETAIL "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Detectable warning surface details and locations are based on applicable ODOT Standards.*
2. *See project plans for details not shown. See drawings RD700 and RD701 for curbs.*
3. *The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").*
4. *Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place abutting panels within1/4 -inch of each other and install anchors, as specified by manufacturers, along cut edge.*
5. *Color to be safety yellow, if no color specified in construction note. Alternative colors require a design exception on or along state highways.*
6. *Detectable warning surface shall be used in the following locations:*
   a) *Curb ramps at street crossings*
   b) *Crossing islands (Accessible Route Islands)*
   c) *Rail crossings*
7. *Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards. See drawing RD908.*
8. *Detectable warning surface shall not be used on the following locations:*
   a) *End of sidewalk transitions that are not at a crosswalk. See drawings RD950, RD952 and RD960.*
   b) *Driveways, unless constructed with curb return or are signalized.*
   c) *Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.*
9. *Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.*
10. *On or along state highways, curb and gutter is required at curb ramps.*

LEGEND:

- *Detectable warning surface*
- *Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)*
- *Running slope 7.5% maximum (Maximum 8.3% finished surface slope)*

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

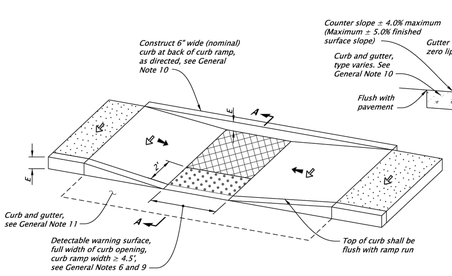
DETECTABLE WARNING SURFACE DETAILS

2024

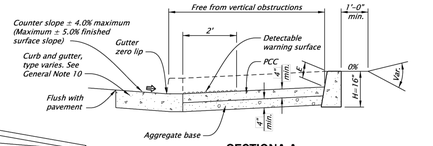
DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

CALC BOOK NO. N/A | SDR DATE 10-JAN-2025 | **RD902**

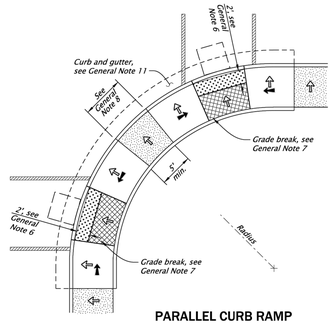
Effective Date: June 1, 2025 – November 30, 2025



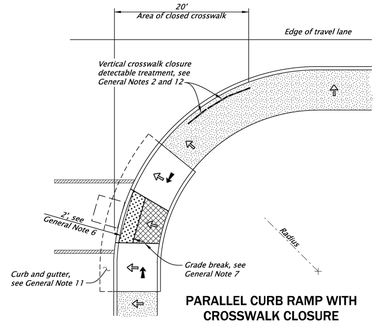
PARALLEL CURB RAMP DETAIL



SECTIONA-A



PARALLEL CURB RAMP OPTION "PL-1"



PARALLEL CURB RAMP WITH CROSSWALK CLOSURE OPTION "PL-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Curb ramp details are based on applicable ODOT Standards.*
2. *See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface installation details. See drawing TM240 for crosswalk closure detail.*
3. *Site conditions normally require a project specific design. See project plans for details not shown.*
4. *Tooled dummy joints are required at all curb ramp grade break lines, see drawing RD722.*
5. *Curb ramp slopes shown are relative to the true level horizon (zero bubble).*
6. *Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.*
7. *Grade breaks at the top and bottom of curb ramp runs 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.*
8. *When two ramp runs are immediately adjacent, the curb exposure (E) between the adjacent side may range between 3 inches and full design exposure.*
9. *Curb ramps for shared use paths intersecting a roadway shall 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 opening will be greater than or equal to 8 feet wide. See drawing RD909 for additional details.*
10. *Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.*
11. *On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.*
12. *Install crashworthy vertical crosswalk closure detectable treatment approved by road authority.*

LEGEND:

- *Sidewalk*
- *Detectable warning surface (DWS)*
- *Level area (Turning space/landing) Unobstructed 4.5' x 4.5'*
- *With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).*
- *For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.*
- *4'x4' clear space*
- *Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)*
- *Running slope 7.5% maximum (Maximum 8.3% finished surface slope)*
- *Counter slope 4.0% maximum ascending or descending (Maximum 5.0% finished surface slope) (Slope as required for drainage)*

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

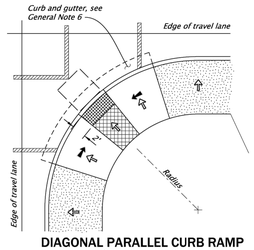
PARALLEL CURB RAMP

2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

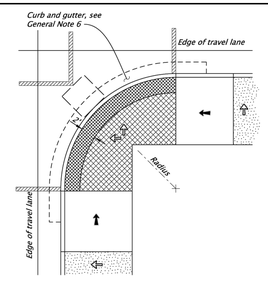
CALC BOOK NO. N/A | SDR DATE 10-JAN-2025 | **RD920**

Effective Date: June 1, 2025 – November 30, 2025



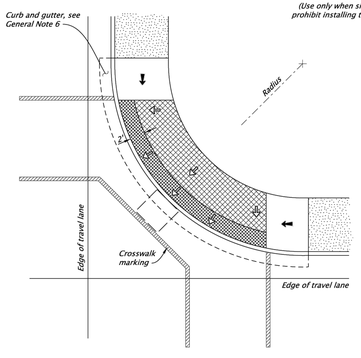
DIAGONAL PARALLEL CURB RAMP OPTION "PL-3"

(Use only when site constraints prohibit installing two curb ramps and both crosswalks are open)



DEPRESSED CURB RAMP SMALL RADIUS OPTION "PL-4"

(Use only when site constraints prohibit installing two curb ramps)



DEPRESSED CURB RAMP LARGE RADIUS OPTION "PL-5"

(Use only when site constraints prohibit installing two curb ramps)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Curb ramp details are based on applicable ODOT Standards.*
2. *See project plans for details not shown. See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface installation details. See drawing RD920 for parallel curb ramp details.*
3. *Tooled dummy joints are required at all curb ramp slope break lines. See drawing RD722.*
4. *Curb ramp slopes shown are relative to the true level horizon (zero bubble).*
5. *Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.*
6. *On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.*
7. *Grade breaks at the top and bottom of curb ramp runs 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.*
8. *Only use curb ramp options allowed by jurisdiction. Single ramps requires design exception on or along state highways.*

LEGEND:

- *Marked or intended crossing location*
- *Sidewalk*
- *Detectable warning surface (DWS)*
- *Level area (Turning space/landing) Unobstructed 4.5' x 4.5'*
- *With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).*
- *For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.*
- *Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)*
- *Running slope 7.5% maximum (Maximum 8.3% finished surface slope)*
- *4'x4' clear space*

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

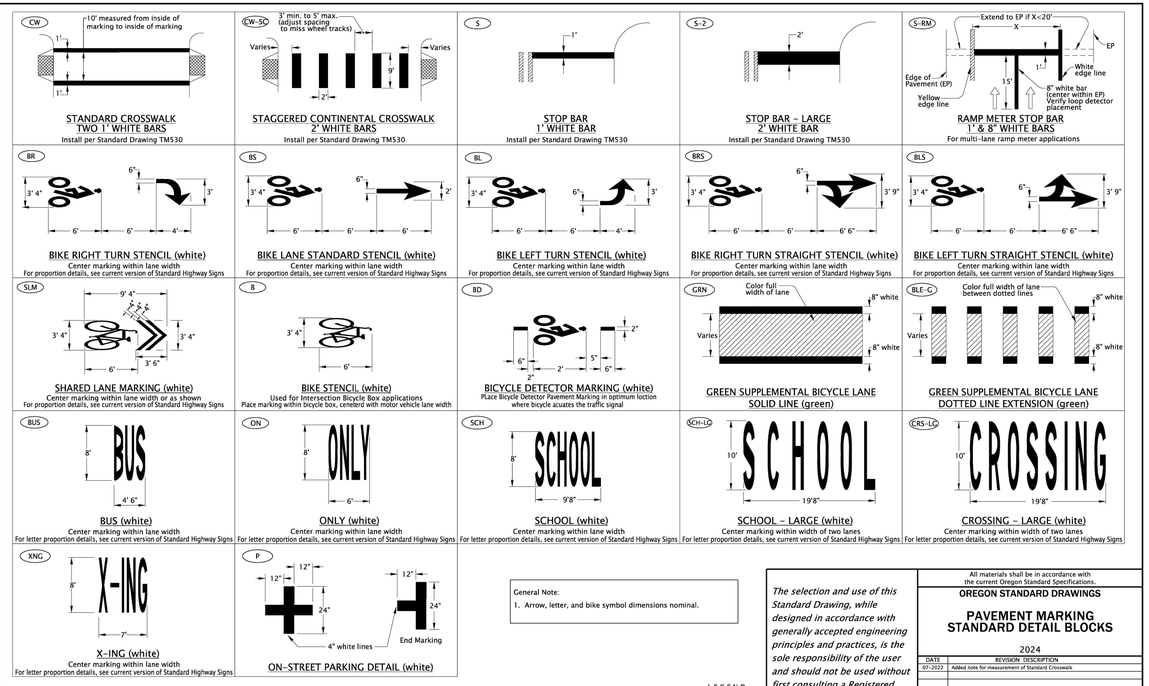
PARALLEL CURB RAMP SINGLE RAMP

2024

DATE	REVISION DESCRIPTION
01-2025	UPDATED CAD STANDARDS

CALC BOOK NO. N/A | SDR DATE 10-JAN-2025 | **RD922**

Effective Date: June 1, 2025 – November 30, 2025



General Note:

1. Arrow, letter, and bike symbol dimensions nominal.

LEGEND

Direction of Travel

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 first consulting a Registered Professional Engineer.

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OREGON STANDARD DRAWINGS

PAVEMENT MARKING STANDARD DETAIL BLOCKS

2024

DATE	REVISION DESCRIPTION
07-2022	Added note for measurement of Standard Crosswalk

CALC BOOK NO. N/A | SDR DATE 07-08-2022 | **TM503**

Effective Date: June 1, 2025 – November 30, 2025

12/3/25 – CD'S

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2020
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering, inc.
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

ODOT DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C5.4

JOB NUMBER: A24112.10

F:\2024\A24112.10 – Popeyes – Woodburn\Civil Cad\Sheets\Onsite\A24112.C55-Details.dwg : Dec. 3, 25 – 12:08 PM jsparrowgrove

07-01-2020

TM500.dgn

W

4" WHITE LINE

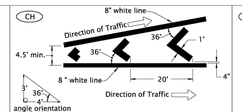
W-2

8" WHITE LINE

Y

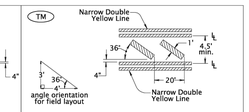
4" YELLOW LINE

CH



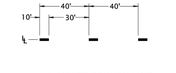
CHEVRON BARS
1' WHITE BARS AT 20' SPACING

TM



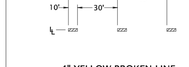
TRANSVERSE MEDIAN BARS
1' YELLOW BARS AT 20' SPACING

WB



4" WHITE BROKEN LINE

YB



4" YELLOW BROKEN LINE

WD

4" WHITE DOTTED LINE
For lane extensions

WD-2

8" WHITE DOTTED LINE
For lane extensions and bike lane extensions

YD

4" YELLOW DOTTED LINE
For lane extensions

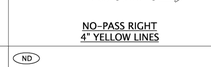
DLL

4" WHITE DOTTED LANE LINE
For lane lines in acceleration/deceleration lanes

DLL-2

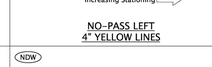
8" WHITE DOTTED LANE LINE
For lane lines in drop lanes

NPR



NO-PASS RIGHT
4" YELLOW LINES

NPL

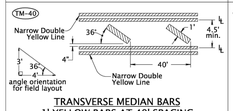


NO-PASS LEFT
4" YELLOW LINES

TWL

TWO-WAY LEFT TURN
4" YELLOW LINES

TM-40

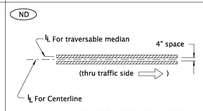


TRANSVERSE MEDIAN BARS
1' YELLOW BARS AT 40' SPACING
For use at painted medians where distance between left turn refuges exceeds 200'

D

DOUBLE NO-PASS
TWO 4" YELLOW LINES

ND

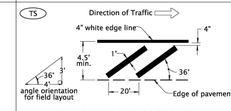


NARROW DOUBLE NO-PASS
TWO 4" YELLOW LINES

NDW

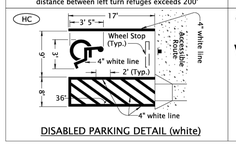
NARROW DOUBLE NO-LANE CHANGE
TWO 4" WHITE LINES

TS



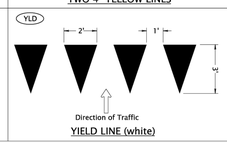
TRANSVERSE SHOULDER BARS
1' WHITE BARS AT 20' SPACING

HC



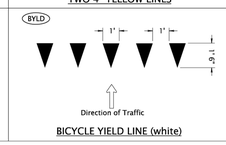
DISABLED PARKING DETAIL (white)

YLD



YIELD LINE (white)

BYLD



BICYCLE YIELD LINE (white)

LEGEND

Direction Of Traffic, Increasing Stationing Or Thru Traffic Side

Lane line dimensions are shown on the striping plans

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All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

PAVEMENT MARKING STANDARD DETAIL BLOCKS

2024

DATE	REVISION DESCRIPTION
07-2020	Changed Min. widths for CH, TM, TM-40, and TS

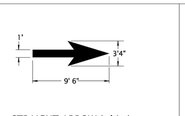
CALC. BOOK NO. _ _ _ N/A _ _ _ SDR DATE 07-01-2020 **TM500**

Effective Date: June 1, 2025 – November 30, 2025

01-03-2022

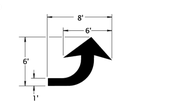
TM501.dgn

SA



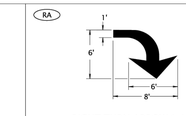
STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

LA



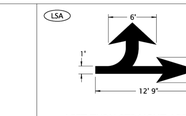
LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

RA



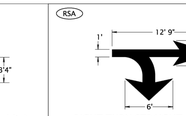
RIGHT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

LSA



LEFT TURN STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

RSA

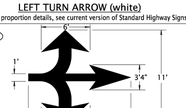


RIGHT TURN STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

RALA

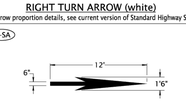
RIGHT TURN LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

RSLA



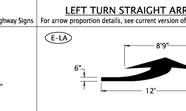
RIGHT TURN STRAIGHT LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-SA



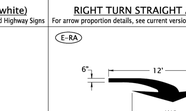
ELONGATED STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-LA



ELONGATED LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-RA



ELONGATED RIGHT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

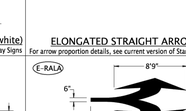
E-LSA

ELONGATED LEFT TURN STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-RSA

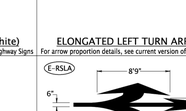
ELONGATED RIGHT TURN STRAIGHT ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-RALA



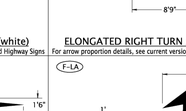
ELONGATED RIGHT TURN LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

E-RSLA



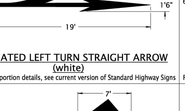
ELONGATED RIGHT TURN STRAIGHT LEFT TURN ARROW (white)
For arrow proportion details, see current version of Standard Highway Signs

F-LA



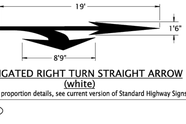
FISH-HOOK LEFT TURN ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

F-RALA



FISH-HOOK RIGHT TURN LEFT TURN ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

F-SA



FISH-HOOK STRAIGHT ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

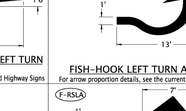
F-RSA

FISH-HOOK RIGHT TURN SRAIGHT ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

F-LSA

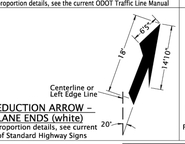
FISH-HOOK LEFT TURN STRAIGHT ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

F-RSLA



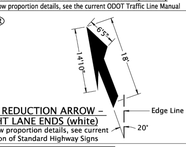
FISH-HOOK RIGHT TURN STRAIGHT LEFT TURN ARROW (white)
For arrow proportion details, see the current ODOT Traffic Line Manual

LRA-L



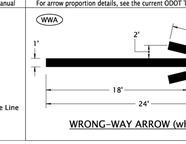
LANE REDUCTION ARROW – LEFT LANE ENDS (white)
For arrow proportion details, see current version of Standard Highway Signs

LRA-R



LANE REDUCTION ARROW – RIGHT LANE ENDS (white)
For arrow proportion details, see current version of Standard Highway Signs

WWA



WRONG-WAY ARROW (white)

General Note:
1. Center pavement markings within the lane width.
2. Arrow and letter dimensions nominal, excluding WWA.

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

PAVEMENT MARKING STANDARD DETAIL BLOCKS

2024

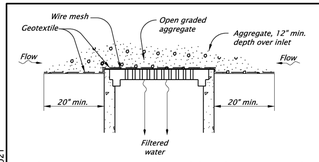
DATE	REVISION DESCRIPTION
07-2020	Some Detail Blocks moved to new Std. Drawing TM504
	Fish-hook Arrows added, LRA split into LRA-L and LRA-R
01-2022	Corrected bubble callout of LRA-L and typo in LRA-R

CALC. BOOK NO. _ _ _ N/A _ _ _ SDR DATE 01-03-2022 **TM501**

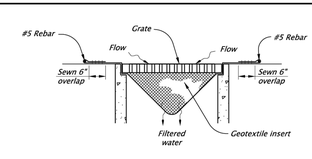
Effective Date: June 1, 2025 – November 30, 2025

20-JAN-2021

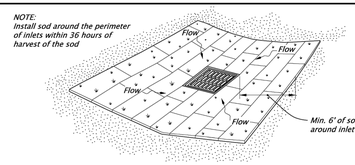
RD1010.dgn



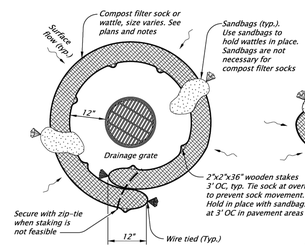
GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2
NOT TO SCALE



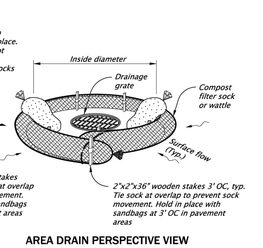
PREFABRICATED FILTER INSERT - TYPE 3
NOT TO SCALE



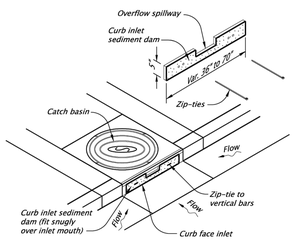
SOD PROTECTION - TYPE 6
NOT TO SCALE



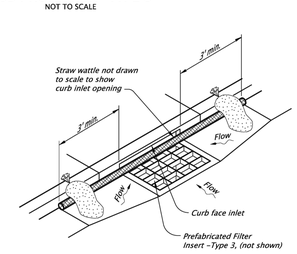
AREA DRAIN PLAN



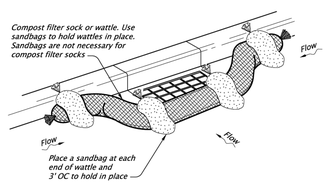
AREA DRAIN PERSPECTIVE VIEW



CURB INLET SEDIMENT DAM - TYPE 10
NOT TO SCALE



WATTLE BARRIER WITH FILTER INSERT - TYPE 11
NOT TO SCALE



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7
NOT TO SCALE

NOTES:
Type 2 – Geotextile/wire mesh/aggregate
Place the wire mesh over the grate.
Place sediment fence geotextile over the wire mesh and perimeter area around structure.
Install aggregate over the geotextile fabric.

Type 3 – Prefabricated filter inserts
Install prefabricated filter inserts according to the plans, special provisions, and manufacturer recommendations.
Prefabricated inserts with provisions for overflow are allowed only when accompanied by additional BMP's to prevent the potential of sediments entering project storm systems.
Field fabricated inserts are not allowed.

Type 7 – Compost filter sock
Drive 2"x2" wood stakes a minimum of 6" into ground and flush with the top of the sock.
Overlap ends of sock per manufacturers recommendations (12"min., 36" max.).
Use 8" to 12" dia sock on curbside in traffic areas.

(Type 7 cont.)
Use 12" to 18" dia sock in non-traffic areas or areas where the larger socks can be used safely.
use synthetic mesh socks for temporary installations.

Type 10 – Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet mouth. Curb inlet sediment dam is required for use with inlet filter insert where at-grade inlet grate and curb inlet are combined at a catch basin.

Type 11 – Wattle barrier with filter insert
Install prefabricated filter insert per Type 3 detail.
Install wattles over opening and 36" to each side of opening tight against curb. Adjust wattle to force storm water to flow through filter insert or wattle prior to leaving the site.
Adjust, replace or modify the inlet protection as needed to prevent sediment laden water from entering the catch basin.

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

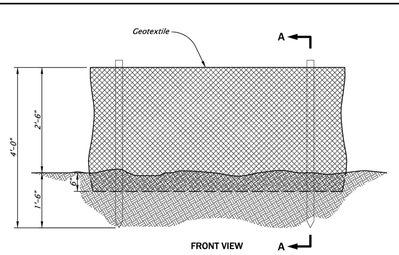
INLET PROTECTION TYPE 2, 3, 6, 7, 10 AND 11

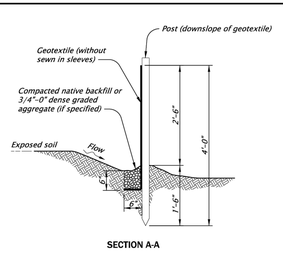
2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC. BOOK NUMBERS
01-2021	MOVED NOTES UP FROM OVERLAPPING THE SHEET BORDER

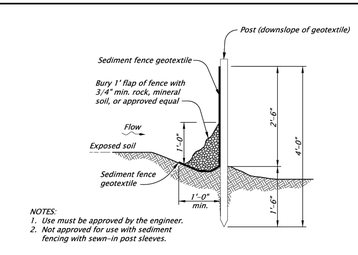
CALC. BOOK NO. _ _ _ N/A _ _ _ SDR DATE 20-JAN-2021 **RD1010**

Effective Date: June 1, 2025 – November 30, 2025



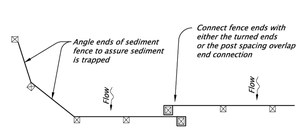


SEDIMENT FENCE AND GEOTEXTILE BURY DETAIL - TYPE 1
NOT TO SCALE

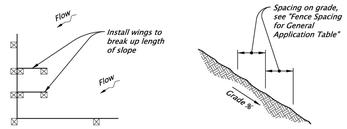


NOTES:
1. Use must be approved by the engineer.
2. Not approved for use with sediment fencing with sewn-in post sleeves.

ALTERNATE SEDIMENT FENCE WITHOUT TRENCHING - TYPE 2
NOT TO SCALE



PLAN VIEW



TERMINATION AT CORNER OR PROPERTY LINE

GENERAL NOTES:
1. Use 2"x2" wood fence posts.
2. Posts to be installed on downhill side of sediment fence geotextile. Position posts to prevent separation from geotextile.
3. Compact fiber fabric trench backfill and soil on uphill side of fence.
4. Locate fence no closer than three feet to the toe of a slope.
5. Wing spacing shall comply with "Fence Spacing for General Application Table".

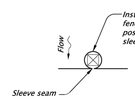
FENCE SPACING FOR GENERAL APPLICATION TABLE

INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

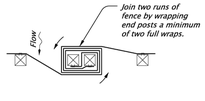
GRADE	*MAXIMUM SPACING ON GRADE*
Grade < 10%	*300'*
10% ≤ Grade < 15%	*150'*
15% ≤ Grade < 20%	*100'*
20% ≤ Grade < 30%	*50'*
30% ≤ Grade	*25'*

POST SPACING TABLE

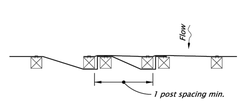
6'	*Sediment Fence with Geotextile elongation less than 50%*
4'	*Sediment Fence with Geotextile elongation 50% or more*



GEOTEXTILE WITH POST SLEEVES



TURNED ENDS CONNECTION



POST SPACING OVERLAP CONNECTION

GEOTEXTILE END CONNECTIONS
NOT TO SCALE

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

SEDIMENT FENCE

2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC. BOOK NUMBERS

CALC. BOOK NO. _ _ _ N/A _ _ _ SDR DATE 20-JAN-2021 **RD1040**

Effective Date: June 1, 2025 – November 30, 2025

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI aqua associates, inc. ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3039 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

ODOT DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

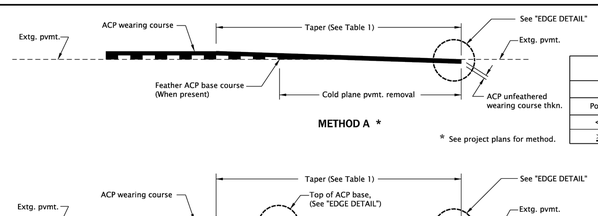
SHEET NUMBER

C5.5

JOB NUMBER: A24112.10

12/3/25 – CD'S

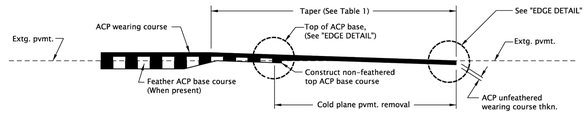
F:\2024\A24112.10 – Popeyes – Woodburn\Civil Cad\Sheets\Onsite\A24112.C55-Details.dwg : Dec. 3, 25 – 12:09 PM jsparrowgrove



METHOD A *

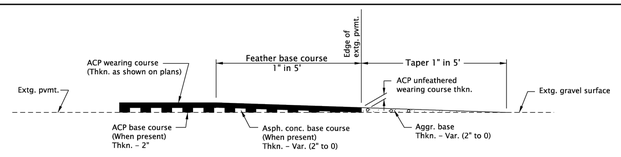
* See project plans for method.

TABLE 1	
TAPER LENGTHS	
Posted Speed	Taper Length
< 45 mph	1" per 50'
≥ 45 mph	1" per 100'

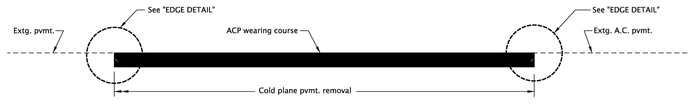


METHOD B *

ACP PAVEMENT MATCH AT PROJECT ENDS OR BRIDGE ENDS WHEN NOT OVERLAYING THE BRIDGE

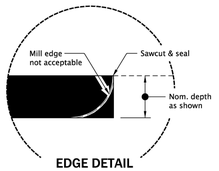


METHOD OF FEATHERING ACP PAVEMENT AT GRAVEL APPROACHES



METHOD OF MATCHING EXTG. ACP INLAY SURFACING

(Inlay to extg. asphalt conc. pvmt.)



EDGE DETAIL

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

ASPHALT CONCRETE PAVEMENT (ACP) DETAILS

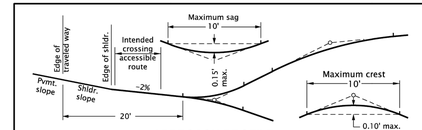
2024

DATE	REVISION DESCRIPTION

CALC BOOK NO. - - - N/A - - - SDR DATE 25-JUL-2017 | **RD610**

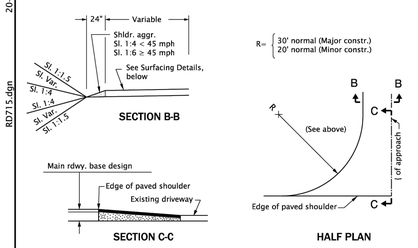
20-JUL-2020 RD610.dgn

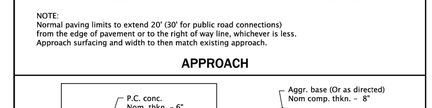
Effective Date: December 1, 2025 - May 31, 2026



APPROACH PROFILE

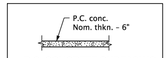
NOTE:
When grades on approaches meet without vertical curves the maximum algebraic difference on crests should be 8% and on sags 12%. Grades steeper than 15% should not be used without prior approval of the engineer of record. Any driveways with slopes exceeding 12% shall be paved.





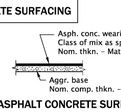
NOTE:
Normal paving limits to extend 20' (30' for public road connections) from the edge of pavement or to the right of way line, whichever is less. Approach surfacing and width to then match existing approach.

APPROACH



P.C. CONCRETE SURFACING

GRAVEL SURFACING

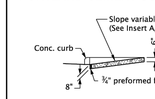


ASPHALT CONCRETE SURFACING

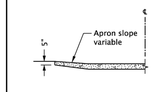
APPROACH AND DRIVEWAY CONNECTION SURFACING DETAILS

20-JUL-2020 RD715.dgn

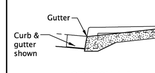
TYPE A PORTLAND CEMENT CONCRETE



SECTION D-D

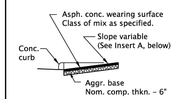


SECTION E-E



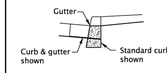
SECTION A-A FOR MONOLITHIC DRIVEWAYS

TYPE A-1 ASPHALT CONCRETE

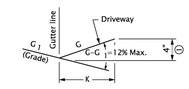


SECTION D-D

SECTION E-E

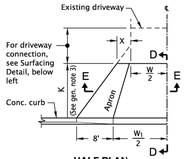


SECTION A-A FOR DRIVEWAYS

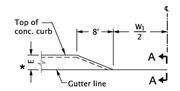


INSERT A

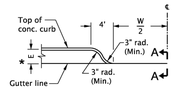
① Minimum allowable for drainage control on negatively sloped driveways.



HALF PLAN



HALF ELEVATION



HALF ELEVATION (ALTERNATE APRON SLOPE)

(See General Note 5)

★ Curb exposure E = 7" normal. Vary as shown on plans or as directed.

NON-SIDEWALK DRIVEWAYS

NOTE: This driveway type shall not be used along a pedestrian route. See "Table A" for dimensions not shown.

TABLE A

W (ft)	X (ft)	K (ft) 5	6	8	10
		W_1 (ft)			
12	3	15	15	15	15
14		17	17	17	17
16		19	19	19	19
18		21	21	21	21
20		23	23	23	23
22	4	27	28	29	30
24		29	30	31	32
26		31	32	33	34
28		33	34	35	36
30	5	35	36	37	38
32		41	42	44	46
34		43	44	46	48
36		45	46	48	50

Where a travel lane is constructed adjacent to the curb line, use 16' W min. for residence and 30' W min. for light commercial, add 5' to W_1 for both. Do not add the 5' to W_1 when 4' min. shldr. or bikeway is included in the typical.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Driveway details shown on this drawing are to be used on roadways where there are no existing or planned sidewalks in driveway vicinity. For driveways located in a sidewalk see Std. Dwgs. RD720, RD721, RD725 and/or RD730, RD735, RD740, RD745, RD750.
2. Width of driveway (W) as shown on plans or as directed.
3. K is the distance from back of curb to back of driveway (10' max.).
4. Where existing driveway is in good condition, construct only as much as required for satisfactory connection with new work.
5. "Alternate Apron Slope" used only where plans designate. Alternate Apron Slope may also be used at local jurisdiction's request when approved by the Project Manager.
6. Increase thickness of asphalt concrete and stone base where shown on plans.
7. For curb details, see Std. Dwgs. RD700 & RD701.
8. For expansion and contraction joint requirements, see applicable curb and sidewalk standard drawings.

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All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

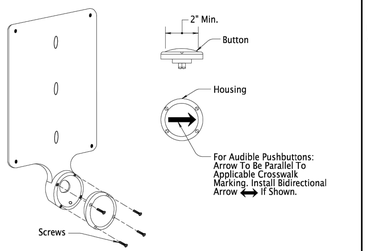
APPROACHES AND NON-SIDEWALK DRIVEWAYS

2024

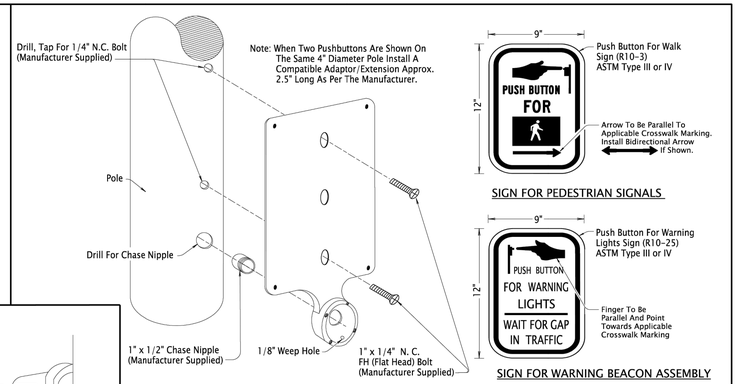
DATE	REVISION DESCRIPTION

CALC BOOK NO. - - - N/A - - - SDR DATE 14-JAN-2022 | **RD715**

Effective Date: June 1, 2025 - November 30, 2025



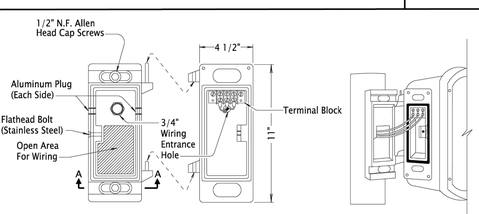
STANDARD PUSHBUTTON



STANDARD PUSHBUTTON STATION AND INSTRUCTION SIGN

SIGN FOR PEDESTRIAN SIGNALS

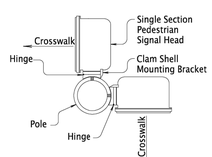
SIGN FOR WARNING BEACON ASSEMBLY



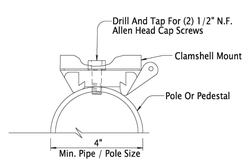
PEDESTRIAN SIGNAL MOUNT (CLAM SHELL)

NOTES:

1. Where Two Heads Are Side Mounted On 4" Conduit, Proper Clearance To Be Maintained To Allow Legend To Be Fully Visible.
2. Clam Shells To Be Orientated So That The Heads Can Be Opened For Maintenance. (Verify Hinge Placement Of Clamshell).



TOP VIEW



SECTION A-A

CLAM SHELL ORIENTATION

General Notes:

1. All Screws, Bolts, Nuts And Washers To Be Type 304 Or 316 Stainless Steel Unless Noted Otherwise.
2. Bolts And Screws To Have Square Or Hex Heads. Allen Head Fasteners Not Allowed.
3. Drill And Tap Pole As Per Orientation Shown On Plans.
4. Horizontal Reach To The Pushbutton To Be 10 Inches Maximum. See Plans Or Consult Engineer To Ensure Compliance.
5. Drill A 1/4" Drain Hole In the Bottom Of The Hex Head Pipe Plug Of The Pedestrian Signal Head When Not Using The Bottom Opening For Mounting.

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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

PEDESTRIAN SIGNAL MOUNT AND PEDESTRIAN PUSHBUTTON DETAILS

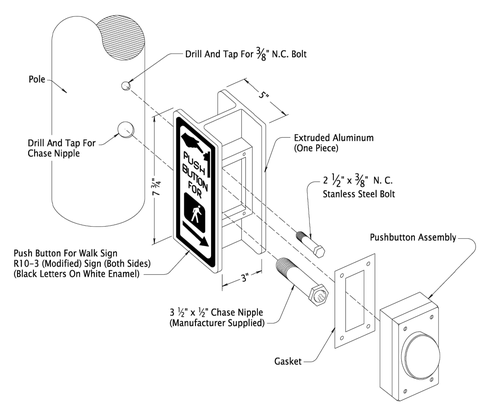
2024

DATE	REVISION DESCRIPTION
07-2022	ADDED R10-25 SIGN. ADDED EXTENSION MOUNTING NOTE FOR 2 PUSHBUTTONS ON SAME 4" DIA. POLE.
07-2024	ADDED ARROW TO PUSHBUTTON. ADDED BI-DIRECTIONAL ARROW.
07-2025	REVISED SIGN R10-25. ADDED CGN. NOTE 5.

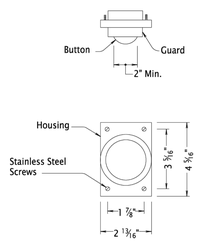
CALC BOOK NO. - - - N/A - - - SDR DATE 11-JUL-2025 | **TM467**

Effective Date: December 1, 2025 - May 31, 2026

11-JUL-2025 TM467.dgn



STANDARD TYPE 'H' PUSHBUTTON AND INSTRUCTION SIGN



STANDARD PUSHBUTTON

NOTE:
All Bolts, Nuts And Washers Shall Be Stainless Steel Unless Noted Otherwise.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION

ENGINEERING AND TECHNICAL SERVICES BRANCH

PEDESTRIAN PUSHBUTTON "H" FRAME DETAILS

DETAIL NO. **DET4422**

12/3/25 - CD'S

REGISTERED PROFESSIONAL ENGINEER
OREGON
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering
ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

ODOT DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER

C5.6

JOB NUMBER: A24112.10

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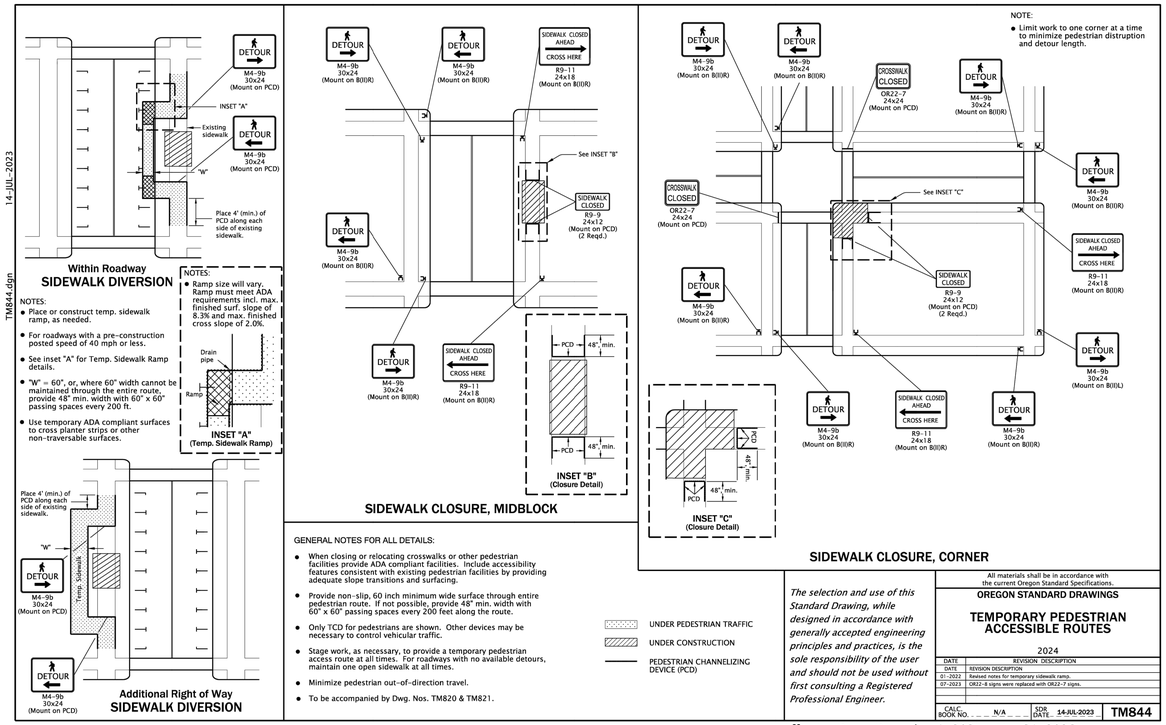
14-JUL-2023

TM844.dgn



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 first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

TEMPORARY PEDESTRIAN ACCESSIBLE ROUTES

2024

DATE	REVISION DESCRIPTION
DATE	REVISION DESCRIPTION
01-2023	Revised notes for temporary sidewalk ramp.
07-2023	OR22-8 signs were replaced with OR22-7 signs.

CALC. BOOK NO. N/A | SOR DATE 14-JUL-2023 | **TM844**

Effective Date: December 1, 2025 - May 31, 2026

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2020
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI engineering, inc.
ENGINEERING
4875 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.627.0030 tel | 503.626.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

ODOT DETAILS

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

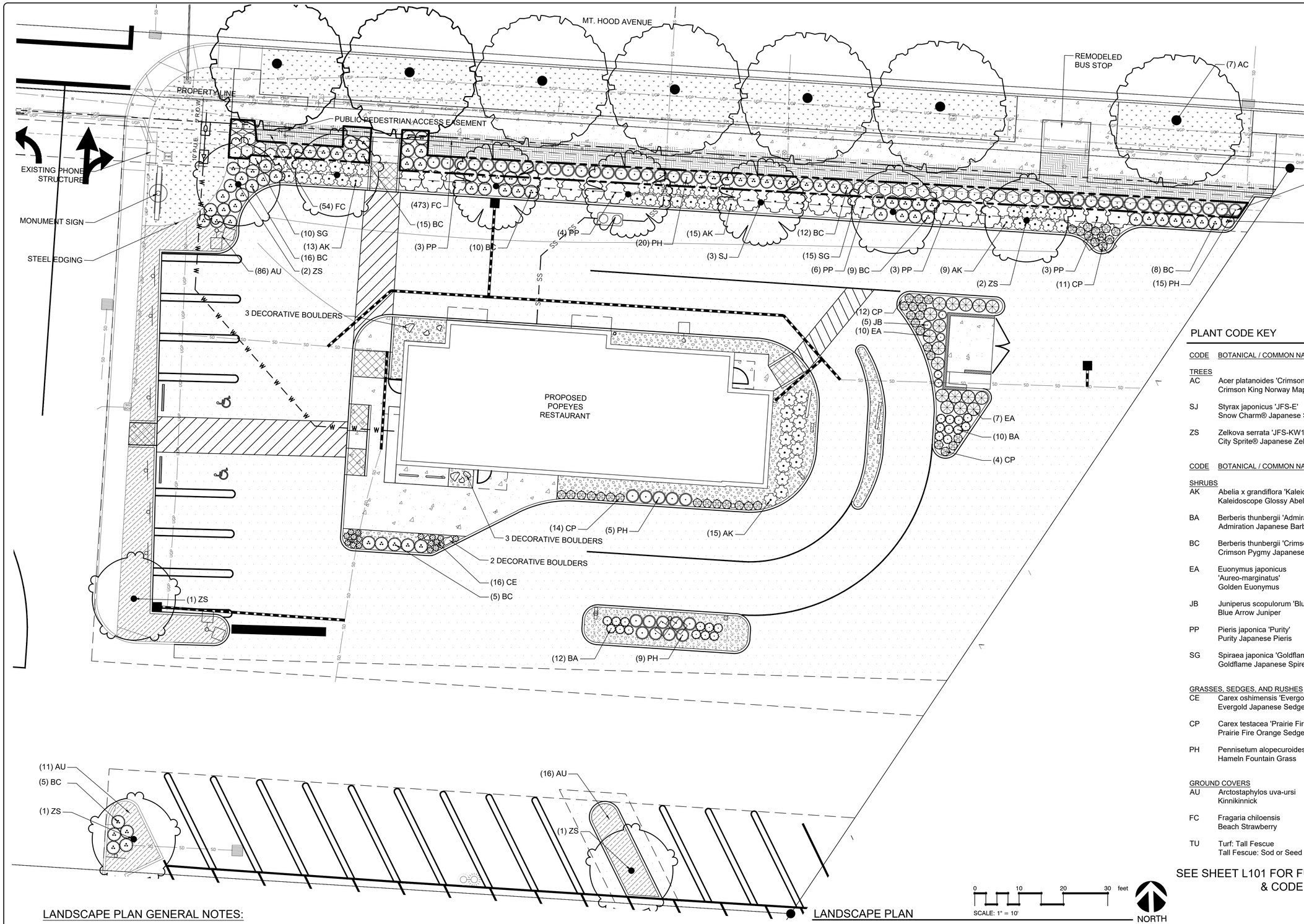
SHEET NUMBER

C5.7

JOB NUMBER: A24112.10

12/3/25 - CD'S

F:\2024\A24112.10 - Popeyes - Woodburn\Civil Cad\Sheets\Onsite\A24112.C55-Details.dwg : Dec. 3, 25 - 12:09 PM jsparrowgrove



PLANT CODE KEY

CODE	BOTANICAL / COMMON NAME	SIZE	CANOPY
TREES			
AC	Acer platanoides 'Crimson King' Crimson King Norway Maple	2" Cal.	30'
SJ	Styrax japonicus 'JFS-E' Snow Charm® Japanese Snowbell	2" Cal.	20'
ZS	Zelkova serrata 'JFS-KW1' City Sprite® Japanese Zelkova	2" Cal.	20'

CODE	BOTANICAL / COMMON NAME	SIZE	SPACING
SHRUBS			
AK	Abelia x grandiflora 'Kaleidoscope' Kaleidoscope Glossy Abelia	2 gal.	36" o.c.
BA	Berberis thunbergii 'Admiration' Admiration Japanese Barberry	1 gal.	24" o.c.
BC	Berberis thunbergii 'Crimson Pygmy' Crimson Pygmy Japanese Barberry	2 gal.	36" o.c.
EA	Euonymus japonicus 'Aureo-marginatus' Golden Euonymus	2 gal.	36" o.c.
JB	Juniperus scopulorum 'Blue Arrow' Blue Arrow Juniper	2 gal.	24" o.c.
PP	Pieris japonica 'Purity' Purity Japanese Pieris	2 gal.	60" o.c.
SG	Spiraea japonica 'Goldflame' Goldflame Japanese Spirea	2 gal.	36" o.c.
GRASSES, SEDGES, AND RUSHES			
CE	Carex oshimensis 'Evergold' Evergold Japanese Sedge	1 gal.	18" o.c.
CP	Carex testacea 'Prairie Fire' Prairie Fire Orange Sedge	1 gal.	24" o.c.
PH	Pennisetum alopecuroides 'Hameln' Hameln Fountain Grass	1 gal.	36" o.c.
GROUND COVERS			
AU	Arctostaphylos uva-ursi Kinnikinnick	1 gal.	36" o.c.
FC	Fragaria chiloensis Beach Strawberry	1 gal.	18" o.c.
TU	Turf: Tall Fescue Tall Fescue: Sod or Seed	sod	

SEE SHEET L101 FOR FULL PLANT SCHEDULE & CODE TABLE

LANDSCAPE PLAN

SCALE: 1" = 10'

0 10 20 30 feet

NORTH

LANDSCAPE PLAN GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION OF ALL SITE UTILITIES PRIOR TO LANDSCAPE IMPLEMENTATION.
2. PROJECT IS TO BE IRRIGATED BY AN AUTOMATIC, UNDERGROUND SYSTEM. SEE SHEET IR100-IR102 FOR IRRIGATION PLANS, DETAILS, AND SPECIFICATIONS.
3. LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL APPROVE LAYOUT OF ALL PLANTS PRIOR TO INSTALLATION.
4. IF ANY CONFLICTS OR DISCREPANCIES ARE OBSERVED BETWEEN THE LANDSCAPE DRAWINGS, EXISTING CONDITIONS, AND/OR UTILITY LOCATIONS, NOTIFY THE LANDSCAPE ARCHITECT.
5. PLANT LOCATIONS ON THE PLAN ARE DIAGRAMMATIC AND MAY BE SUBJECT TO ADJUSTMENT IN THE FIELD BY THE CONTRACTOR TO AVOID CONFLICT.
6. ALL AREAS THAT ARE PLANTED WITH GROUNDCOVER ARE INDICATED ON THE PLAN WITH A HATCH PATTERN. SEE PLANT LIST FOR PLANT TYPE, SIZE AND SPACING ON SHEET L101.
7. CONTRACTOR IS TO:
   a. VERIFY PLANT COUNT. IF THERE IS A DISCREPANCY, THE PLANTING LAYOUT SHALL BE CONSULTED AS THE CORRECT SOURCE. ACTUAL PLANT QUANTITIES TO BE DETERMINED BY REQUIRED PLANT SPACING.
   b. ADJUST PLANTINGS IN THE FIELD AS NECESSARY.

Clement Walsh
Landscape Architect Inc.

Revisions:

Project Information:

Project name: POPEYES RESTAURANT

Project address: MT. HOOD AVENUE & US-214 WOODBURN, OR

Issue Information:

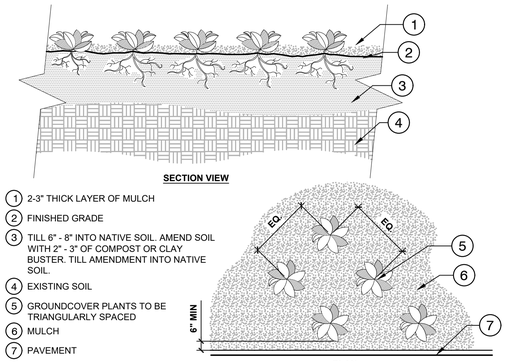
REGISTERED 957 Clement Walsh CLEMENT M. WALSH OREGON 11/30/2025 LANDSCAPE ARCHITECT

CLEMENT WALSH LANDSCAPE ARCHITECT, INC.
8215 SW Tualatin-Sherwood Rd. Suite #200
Tualatin, OR 97062
503.898.0130 ClementWalsh.com

Project no.	2024-053
Drawn by:	Danielle Street
Checked by:	Clement Walsh
Sheet size:	24" x 36"
Scale:	Noted
Plot date:	August 26, 2025
Sheet no.	1 of 3

Sheet title: LANDSCAPE PLAN

Drawing: L100

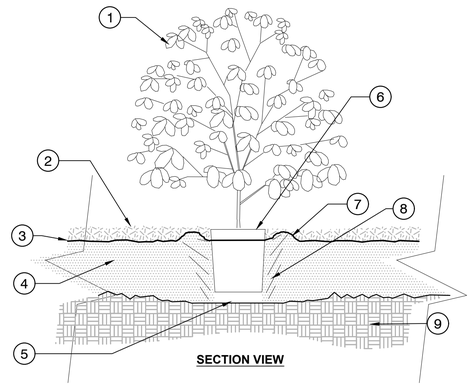


NOTES:
1- SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
2- SMALL ROOTS (1/4" OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER DETAIL)
3- SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

1 GROUNDCOVER

3/4" = 1'-0"

P-2025-COM-2024.053-01



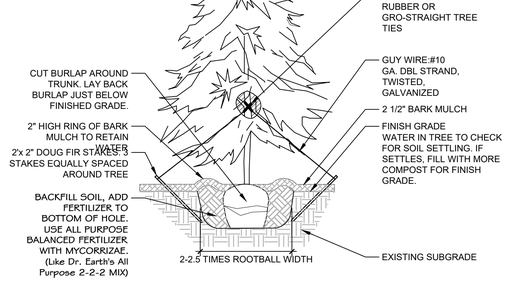
1 SHRUB
2 2" LAYER OF MULCH. (SEE SPECS FOR MULCH).
3 FINISHED GRADE.
4 MODIFIED SOIL. DEPTH VARIES. (SEE SPECS FOR SOIL MODIFICATION).
5 LOOSEN ROOTS. ROOT BALL RESTS ON EXISTING OR RECOMPACTED SOIL AND MYCORRHIZAE BALANCED FERTILIZER LIKE MROOTS.
6 ROOT BALL 2" ABOVE SOIL GRADE
7 4" HIGH X 8" WIDE ROUND - TOPPED SOIL BERM ABOVE ROOT BALL SHALL BE CONSTRUCTED AROUND THE ROOT BALL WITH 50% OF NATIVE SOIL AND 50% OF COMPOST OR CLAY BUSTER DEPENDING ON SOIL TYPE. BERM SHALL BEGIN AT ROOT BALL PERIPHERY.
8 PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE SHRUB. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.
9 EXISTING SOIL.

2 SHRUB - MODIFIED SOIL

3/4" = 1'-0"

P-2025-COM-2024.053-05

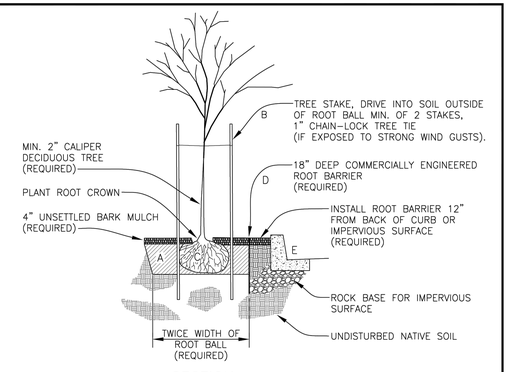
NOTE: IF TEMPERATURE DAY OF PLANTING IS ABOVE 85°F, WATER HOLE BEFORE PLACING TREE, THEN WATER THOROUGHLY AFTER PLANTING AND CHECK FOR SOIL SETTLING.



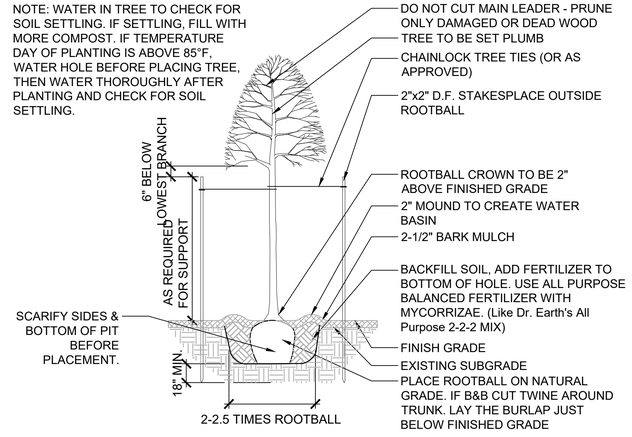
3 EVERGREEN TREE PLANTING

N.T.S.

P-2025-COM-2024.053-03



NOTE: WATER IN TREE TO CHECK FOR SOIL SETTLING. IF SETTLING, FILL WITH MORE COMPOST. IF TEMPERATURE DAY OF PLANTING IS ABOVE 85°F, WATER HOLE BEFORE PLACING TREE, THEN WATER THOROUGHLY AFTER PLANTING AND CHECK FOR SOIL SETTLING.



4 DECIDUOUS TREE PLANTING

1" = 5'

P-2025-COM-2024.053-06

WOODBURN OREGON
Incorporated 1889
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

STREET TREE PLANTING NEW CONSTRUCTION

REV: OCT. 2007
SCALE: NTS
DWG No. 1

PLANTING SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
TREES						
	AC	7	Acer platanoides 'Crimson King' Crimson King Norway Maple	2" Cal.		Large Tree (Street) 30' o.c. x 60' High
	SJ	3	Styrax japonicus 'JFS-E' Snow Charm® Japanese Snowbell	2" Cal.		Small Tree 20' o.c. x 20' High
	ZS	7	Zelkova serrata 'JFS-KW1' City Sprite® Japanese Zelkova	2" Cal.		Small Tree 20' o.c. x 24' High
SHRUBS						
	AK	52	Abelia x grandiflora 'Kaleidoscope' Kaleidoscope Glossy Abelia	2 gal.	36" o.c.	Small to Medium Shrub
	BA	22	Berberis thunbergii 'Admiration' Admiration Japanese Barberry	1 gal.	24" o.c.	Samll to Medium Shrub
	BC	80	Berberis thunbergii 'Crimson Pygmy' Crimson Pygmy Japanese Barberry	2 gal.	36" o.c.	Small to Medium Shrub
	EA	17	Euonymus japonicus 'Aureo-marginatus' Golden Euonymus	2 gal.	36" o.c.	Small to Medium Shrub
	JB	5	Juniperus scopulorum 'Blue Arrow' Blue Arrow Juniper	2 gal.	24" o.c.	Small to Medium Shrub
	PP	19	Pieris japonica 'Purity' Purity Japanese Pieris	2 gal.	60" o.c.	Large Shrub
	SG	25	Spiraea japonica 'Goldflame' Goldflame Japanese Spirea	2 gal.	36" o.c.	Small to Medium Shrub
GRASSES, SEDGES, AND RUSHES						
	CE	17	Carex oshimensis 'Evergold' Evergold Japanese Sedge	1 gal.	18" o.c.	Small to Medium Shrub
	CP	41	Carex testacea 'Prairie Fire' Prairie Fire Orange Sedge	1 gal.	24" o.c.	Small to Medium Shrub
	PH	49	Pennisetum alopecuroides 'Hameln' Hameln Fountain Grass	1 gal.	36" o.c.	Small to Medium Shrub
GROUND COVERS						
	AU	113 (838 sf)	Arctostaphylos uva-ursi Kinnikinnick	1 gal.	36" o.c.	Living Groundcover
	FC	527 (1,138 sf)	Fragaria chiloensis Beach Strawberry	1 gal.	18" o.c.	
	TU	2,581 sf	Turf: Tall Fescue Tall Fescue: Sod or Seed	sod		Lawn

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY
	1.5" - 3" Diameter River Rock	954 sf
45	Steel Edging	295 lf

Clement Walsh
Landscape Architect Inc.

Revisions:

Project Information:

Project name: POPEYES RESTAURANT

Project address: MT. HOOD AVENUE & US-214
WOODBURN, OR

Issue Information:

REGISTERED
957
CLEMENT M. WALSH
OREGON
11/30/2025
LANDSCAPE ARCHITECT

CLEMENT WALSH
LANDSCAPE ARCHITECT, INC.
8215 SW Tualatin-Sherwood Rd. Suite #200
Tualatin, OR 97062
503.898.0130 ClementWalsh.com

Project no.	2024-053
Drawn by:	Danielle Street
Checked by:	Clement Walsh
Sheet size:	24" x 36"
Scale:	Noted
Plot date:	August 26, 2025
Sheet no.	2 of 3

Sheet title: LANDSCAPE PLAN: SCHEDULE & DETAILS

Drawing: L101

Outline Specifications Planting:

A. QUALITY AND SIZE
1. Quality and size of plants should conform to the American Association of Nurserymen Standards for Nursery Stock.
2. The American Association of Nurserymen's guides to on-site plant selection should be used as a guideline for inspecting plants delivered to the job.
3. All specified plants should be reasonably uniform in size, texture, and color for the species, in relatively good health with no damage or diseases.
4. Groundcover plants: All rooted cuttings should be healthy vegetative material with well-established roots at one or more nodes. Container grown stock should have viable roots through at least 50% of the medium.

B. PLANT HEALTH
1. All plants used should comply with Federal and State laws and quarantines that affect their use
2. In the absence or lack of clarity of details regarding the Specifications and Plans, best practice is always to be employed. All work is to be carried out to this level of workmanship, and with the highest quality of both materials and construction.

C. SUBMITTALS

Samples of materials including, but not limited to, plants, seed, staking materials, fertilizers and soil amendments may be required. Contractor should provide samples when called for by code, specifications, or client's representative.

D. NOTIFICATION

The Landscape Architect or the Owner's Representative is to be given a minimum of 3 days' advance notice of times for inspections. The LA or Owner's Representative maintains the right of rejection of sub-standard materials at project site, regardless of inspections at growing site. As a result, each plant that does not meet the standards outlined above, or in any way failing to meet the requirements shall be noted as rejected, removed from the site immediately, and replaced by the Contractor at his or her expense, and replaced with plants, shrubs, or trees which meet the needed requirements.

E. SUBSTITUTIONS

All substitutions of plants and/or materials specified should be approved in writing by the Landscape Architect or the Owner's Representative. Substitution requests should have similar characteristics to the original selections.

F. ENVIRONMENTAL CONDITIONS

When plantings have to take place in wet or muddy soils or in times of high temperatures, steps should be taken to minimize compaction in the planting areas and to assure adequate moisture levels for plant survival. Planting should not take place in freezing weather or in frozen ground.

G. SCHEDULING

Planting operations should be scheduled to allow the shortest possible time between plant delivery to job sites and actual planting.

H. GUARANTEE AND REPLACEMENT
1. All plant material shall be:
   a. Guaranteed from the completion and final inspection of work for one full growing season or one year, whichever is longer.
   b. Replaced by the Contractor during this period, if any plant material is not in good condition and producing new growth with plants of the same quality, size, variety, and age as the original at no cost to the owner under guarantee by the Contractor.
2. Exceptions to this guarantee: include material damaged by severe weather conditions; due to Owner's negligence; normally unforeseen peculiarities of the planting site; or lost due to vandalism.
3. All receipts for soil amendment and topsoil delivery are to be kept on site for Owner's Representative's inspection.

I. PROTECTION

Existing roads, sidewalks, and curbs, landscaping, and other features are to be protected to remain as final work. Location of underground utilities to be verified prior to doing work. Any damage to service lines, existing features, etc. caused by landscaping installation are to be repaired to the original condition.

J. PLANT QUALITY ASSURANCE
1. All plants should be properly stored to assure health at planting time.
2. Nursery stock shall be healthy, well branched and rooted, formed true to variety and species, full foliaged, free of disease, injury, defects, insects, scars, breaks, weeds, and weed roots. Trees shall have straight trunks, symmetrical tips, and have an intact single leader. Any trees with double leaders will be rejected upon inspection. All Plants: True to name, with one of each bundle or lot tagged with the common and botanical name and size of the plants in accordance with standards of practice of the American Association of Nurserymen, and shall conform to the Standardized Plant Names, 1942 Edition.
3. Container grown stock: Small container-grown plants, furnished in removable containers, shall be well-rooted to ensure healthy growth. Container plants grown in containers a minimum of one year prior to delivery, with roots filling container but not root bound. Bare root stock roots are to be well-branched and fibrous. Balled and burlapped (B&B) ball shall be of natural size and firmness to ensure healthy growth, and the burlap sound.

K. TOPSOIL AND FINAL GRADES
1. Contractor may stockpile site topsoil for possible reuse in landscape beds. Stockpiled topsoil to be tested by a soil's laboratory for nursery or agricultural use and recommendations for amendments to be followed.
2. Site topsoil to be screened to remove all grass clods and debris larger than 1". Existing site topsoil to be amended with compost at a ratio of 3:1, with 3 units of existing soil to one unit of compost. In lieu of amending site topsoil, contractors may choose to use imported 3-way topsoil. Topsoil to be placed at a minimum of 6" in all landscape bed areas and incorporated into existing subgrade. Topsoil to be placed at a minimum of 12" in all tree pit areas. In all instances, placed topsoil to be incorporated into existing grade.
3. Landscape contractor is to determine and verify with the general contractor the condition of the site topsoil. Landscape contractor is to budget 8"-12" imported soil depth for planting bed areas and 6" imported soil depth for lawn areas.
4. Landscaping shall include finished grades and even distribution of topsoil to meet planting requirements:
   a. Grades and slopes shall be as indicated.
   b. Planting bed grades shall be approximately 3" below adjacent walks, paving, finished grade lines etc., to allow for bark application.
   c. Finish grading shall remove all depressions or low areas to provide adequate drainage throughout the area.

Planting Specifications:

A. HERBICIDES
1. Prior to soil preparation, all areas showing any undesirable weed or grass growth shall be treated with Roundup or Cheetah Pro in strict accordance with the manufacturer's instructions at least one week prior to planting. An alternative method of treating/removing undesirable weed or grass growth must be approved by the Landscape Architect or the Owner's Representative.
2. When used, herbicides should conform to national, state, and local codes; should only be used as per label instructions; and should be used in a safe and environmentally protective manner. Applications should only be made by individuals properly licensed by the ODA.

B. SOIL PREPARATION
1. Soil should be reasonably free of rocks, debris, and noxious weeds. Soils should be tested and, if it is subsoil or of poor quality, sufficient topsoil or amendments should be brought in to assure plant health.
2. Work all areas by:
   a. Rototilling to a minimum depth of 8"
   b. Removing all stones (over 11/2" size), sticks, mortar, large clumps of vegetation, roots, debris, or extraneous matter turned up in working
   c. Leveling, smoothing and lightly compacting area to plus or minus 0.10' (feet) of required grades.
3. Imported soils should be free of disease, weeds, pests, and debris. Soil amendments should be free of diseases, pests, weeds, and or chemicals including herbicides.

C. PLANTING HOLE
1. PREPARATION: Should consist of laying out plant locations, digging holes, and adding amendments if called for.
3. LOCATIONS: Plants should be located as per plan or specification. Placement should be modified to avoid existing utilities, and irrigation equipment. Major movement of plants should be approved by owner or owner's representative. If the contractor recognizes problems with ultimate plant size for area specified, contractor should inform Landscape Architect or the Owner's Representative in writing about substituting or moving plant.
2. PLANT HOLES
   a. Planting holes should be dug with a width 2 to 2 1/2 times the root ball and to a depth 2"-4" less than the original root ball's depth in the container or ball. The depth of the root ball in the planting hole should leave the root crown 2" above the finished grade to allow for settling after planting and mulch application.
   b. Planting holes should be dug with the sides as vertical as the soil will allow. In heavy soils the sides taper away from the center of the planting pit. The base of the planting hole should be left undisturbed if possible and should be firmed prior to planting.
   c. In heavy soils, if the sides of the planting hole are glazed, the sides of the hole should be scarified.
   d. For planting bare root trees and shrubs, a cone shaped mound should be created in the base of the planting hole to support the roots.

D. SOIL MIX

Prepare soil mix in each planting hole by mixing:

- 2-part native topsoil (no subsoil)
- 1 part compost (as approved)

For groundcovers areas add 2" of compost (or as approved) and rototill in to the top 6" of soil.

Thoroughly mix in planting hole and add fertilizers at the following rates:

- 2-part native topsoil (no subsoil)
- Small shrubs: 1/8 pound per plant
- Shrubs: 1/3 to ½ pounds per plant
- Trees: 1/3 to 1.0 pounds per plant

E. FERTILIZER
1. Fertilizers may be organic or synthetic and can be in pellet, tabular, granular, or liquid form. All fertilizers used must have labeling that conforms to environmental and safety requirements set forth by state and national regulations.
2. All fertilizers should be applied as per label instructions, as indicated by soil tests and in a manner that is environmentally safe.

F. PLANTING TREES AND SHRUBS
1. MOVING: As trees and shrubs are moved to position on the site, the container and/or root ball should be always supported. Do not carry plants by trunks/branches only.
2. Container plants should be removed carefully from containers, checked for circling or girdling roots, and placed plumb in the planting hole. If there are circling and/or girdling roots, they should be pulled outward and straightened or pruned prior to planting.
3. Balled and bur lapped plants should be placed in the planting hole, then the ties should be removed completely. Burlap should be cut off at least from the top half the ball and if treated, should be removed entirely. Care should be taken to tuck burlap deep into planting hole so that it cannot wick moisture to the soil surface after planting.
4. TREES WITH WIRE BASKETS, the wire grids should be cut down completely to the base, unless the nursery guide says otherwise.
5. BAREROOT: Trees and shrubs should only be planted in the bareroot season for the area being planted. Damaged and/or dead roots should be removed prior to planting and the crown should remain un-pruned. Roots should be placed over a compacted mound in the planting hole and carefully filled over to remove large air pockets. Care should be taken to ensure graft is no lower than soil level.
6. BACKFILL: Prior to backfilling, the soil and backfill should be moist but not wet. In heavy soils, planting should take place in native soil removed from the hole. In light soils the backfill should be mixed with soil amendments as specified. Amendments with high carbon to nitrogen ratios should not be used when planting new plants. Planting holes should be backfilled in layers to firmly surround the plant's roots. Large air pockets should all be removed. If planting holes are settled using water, care should be taken to avoid over compaction and subsequent loss of structure.
7. WATERING: Plants should be thoroughly watered in after back fill. In light soils or situations where water will not stay in plant root zone area, water basins should be created to facilitate watering until the plants are established.
8. FINISH GRADING: All planting areas should be graded to a smooth finish and mulched to a 2"-4" depth as specified to complete the work. For planting bare root trees and shrubs, a cone shaped mound should be created in the base of the planting hole to support the roots.
9. PRUNING: At planting time, pruning should be kept to a minimum. Damaged, diseased and/or dead material should be removed.

G. PLANTING GROUNDCOVER, AND PERENNIAL PLANTS

For groundcover, and/or perennial plantings, entire beds should be prepared and amended as specified prior to planting. Plants should be planted at the spacing and pattern specified and then watered in.

H. STAKING OF TREES

Stake or guy all trees. Stakes shall be 2" X 2" (nom.) quality tree stakes with point. They shall be of Douglas Fir, clear and sturdy. Stake to be minimum 2/3 the height of the tree, not to exceed 8'-0". Drive stake firmly 1'-6" below the planting hole. Tree ties for deciduous trees shall be "Chainlock" (or better). For Evergreen trees use "Gro-Strait" Tree Ties (or a reinforced rubber hose and guy wires) with guy wires of a minimum 2 strand twisted 12 ga. wire. Staking and guying shall be loose enough to allow movement of tree while holding tree upright. Staking should be removed after installation about a season and a half. If special circumstances warrant it, staking may remain on for longer periods, but ties should be checked every three months to prevent binding or girdling of trunks.

I. MULCHING OF PLANTINGS
1. Mulch should be free of disease and insects.
2. Mulch planting areas with a fine dark bark to a depth of 2" in ground cover areas and 2 1/2" in shrub beds. Apply evenly, not higher than grade of plant as it came from the nursery, and rake to a smooth finish. Water thoroughly, then hose down planting area with fine spray to wash leaves of plants.

J. SODDING TURFGRASS: SOIL PREPARATION
1. Soil should be prepared as in Section B: Soil Preparation
2. Finish grade should be a minimum of 1" below surface of adjoining hardscapes.
3. Prior to seeding or sodding, soil should be evenly moistened.
4. Fertilization should be based on soil tests and low amounts of soluble nitrogen should be applied prior to planting.
5. Prior to seeding or sodding, entire area should be rolled with a drum roller to firmly compact the grade.

K. SODDING
1. Sod used should be compatible with the microclimate being landscaped.
2. Sod delivered to installation sites should be used within 24 hours, or special precautions should be taken to avoid drying and/or burning.
3. Sod should be laid in straight rows with the ends of sod strips making close contact with each other and end joints staggered. Sod should make firm contact with the soil.
4. After sod is laid, and prior to initial watering, it should be rolled.
5. On steep slopes, sod should be laid perpendicular to the slope and should be fastened with turf staples.
6. Sod and soil bed should be kept moist throughout the planting operation. Upon completion of planting, sod should be thoroughly watered and placed under irrigation or watered regularly.
7. First mowing of sod should take place as soon as sod has rooted in. No more than 1/3 of leaf height should be removed at anyone mowing.

L. GENERAL MAINTENANCE

Work described in these specifications is to be consistently maintained and protected against all defects of materials and workmanship, through final acceptance. Plants not in normal healthy condition at the end of this period are to be replaced. Plants are to be watered, weeded, cultivated, mulched and/or reset to proper grade or upright position, dead wood removed, and necessary standard operations maintained. Irrigate when necessary to avoid drying out of plant materials, and to promote healthy growth.

M. CLEAN-UP

At completion of each stage of work all extra material, supplies, equipment, etc., shall be removed from the site. All walks, paving, or other surfaces shall be swept clean, mulch areas shall have debris removed. All areas of the project shall be kept tidy.

NOTE: ANY PROPOSED CHANGES TO OUR SPECIFICATION OR DETAILS SHOULD BE APPROVED BY THE LANDSCAPE ARCHITECT. LIKEWISE, IN ACCORDANCE WITH BEST PRACTICES OF LOCAL LANDSCAPE INSTALLATION, SHOULD THE LANDSCAPE ARCHITECT BE SO ADVISED.

Clement Walsh
Landscape Architect Inc.

Revisions:

Project Information:

Project name: POPEYES RESTAURANT

Project address: MT. HOOD AVENUE & US-214 WOODBURN, OR

Issue Information:

REGISTERED 957 Clement Walsh CLEMENT M. WALSH OREGON 11/30/2025 LANDSCAPE ARCHITECT

CLEMENT WALSH LANDSCAPE ARCHITECT, INC.
8215 SW Tualatin-Sherwood Rd. Suite #200
Tualatin, OR 97062
503.898.0130 ClementWalsh.com

Project no.	2024-053
Drawn by:	Danielle Street
Checked by:	Clement Walsh
Sheet size:	24" x 36"
Scale:	Noted
Plot date:	August 26, 2025
Sheet no.	3 of 3

Sheet title: LANDSCAPE PLAN: PLANTING SPECIFICATIONS

Drawing: L102

AAI afghan associates, inc.
ENGINEERING

Popeyes Woodburn

Stormwater Report

1600 Mt Hood Ave - Woodburn, OR

October 14, 2025

The information contained in this report was prepared by
and under direct supervision of the undersigned:

Christopher Thornton, PE
AAI Engineering
4875 S.W. Griffith Drive
Suite 100
Beaverton, Oregon 97005
PH 503.620.3030 FX 503.620.5539
christophert@aaieng.com
AAI Project Number: A24112.10

TABLE OF CONTENTS

APPENDICES

I. Project Overview

This report has been prepared to outline the proposed on-site stormwater requirements for the Popeyes Woodburn project located on Mt Hood Ave, west of Highway 99E/214. This report is based on topographic survey, GIS information, and field observations.

The existing subject site is ±46,546 SF (±1.06 acres) and is fully developed as part of a shared complex of commercial buildings. The subject site includes the shared access for this multi-lot commercial complex onto Mt Hood Ave, with associated vehicle and pedestrian circulation and utility. The shared sites contain a shared collection system with catch basins throughout at low points and a private system that ultimately discharges from a lateral located on Tax Lot 1400 to the west of the subject site. After the required right of way dedication, the site will be ±44,970 SF in size. The existing site mostly contains asphalt drive aisles, parking, and sidewalk, yielding a total existing impervious area after the right of way dedication of ±42,681 SF and ±2,289 SF pervious area. The shared access and a portion of the existing parking lot will remain post-construction.

The project consists of the construction of a new ±2,561 SF building, with ±19,948 SF modified impervious area for vehicle and pedestrian circulation. There is ±17,160 SF of existing impervious area that will remain, yielding a total impervious area post-construction of ±37,108 SF and ±7,862 SF total pervious area. Therefore, there is a reduction of ±5,573 SF of the total impervious area from the existing conditions. Offsite, the project includes replacing sidewalk along Mt Hood Ave and replacing two corner ADA ramps on either side of the shared access. Given the existing impervious area to remain, the disturbed area for the entire project is approximately ±0.8 acres.

Onsite conveyance pipe sizing will be designed to capture and convey runoff for the 25-year design storm (2.6 in/hr) per City of Woodburn Standards. Pipe sizing will be modelled with Manning's Equation ($Q = \frac{0.463 D^{8/3} S^{1/2}}{n}$), where D is pipe diameter in feet, S is pipe slope in feet/feet, and n is the Manning's Coefficient and is based on the pipe material.

See Appendix A Existing Conditions
See Appendix C Utility Plan
See Appendix D Conveyance

II. Water Quality Design

Water quality is not explicitly required for this project and is not proposed.

III. Water Quantity Design

Per City of Woodburn Storm Drainage Master Plan Chapters 7 and 11 Section H, detention is not explicitly required for this project, as it is less than 2.5 acres in size. The existing subject site is part of a shared private stormwater system with the adjacent properties. This includes an existing 15" storm pipe from the property to the east that travels across the subject site to the western adjacent property, before

discharging to the public storm main with catch basins. The project doesn't include an additional on-site private detention system, however the project reduces the impervious area contributing to the existing system/ Therefore, the flows are reduced post-construction. The shared system is working currently and there aren't anticipated negative effects on the existing shared system with the project.

Roof drains from the proposed building will direct roof runoff to the storm system. The project proposes removing existing catch basins and adding additional inlets around the proposed building. Since the subject site is part of a shared commercial complex and has a shared storm system, there are portions of the existing site that drain to the adjacent properties, and there are portions of the adjacent properties that drain to the subject site. The project proposes maintaining existing drainage patterns to existing catch basins to remain within the subject site, and adding catch basins at new low points. EXCB-02 and EXCB-03 yielded no change to the contributing impervious area post construction. Upstream of the subject property, the impervious area from Tax Lot 1200 is largely ultimately draining and discharging through the existing 15" storm pipe running through the subject property. This contributing existing impervious area was approximated to be ±108,200 SF for the conveyance calculations to relocate the 15" pipe around the proposed building. A portion of the site drains south and west, before joining the flows on Tax Lot 1400.

See Appendix A Existing Conditions
See Appendix D Conveyance and HydroCAD Calculations

IV. Downstream Analysis

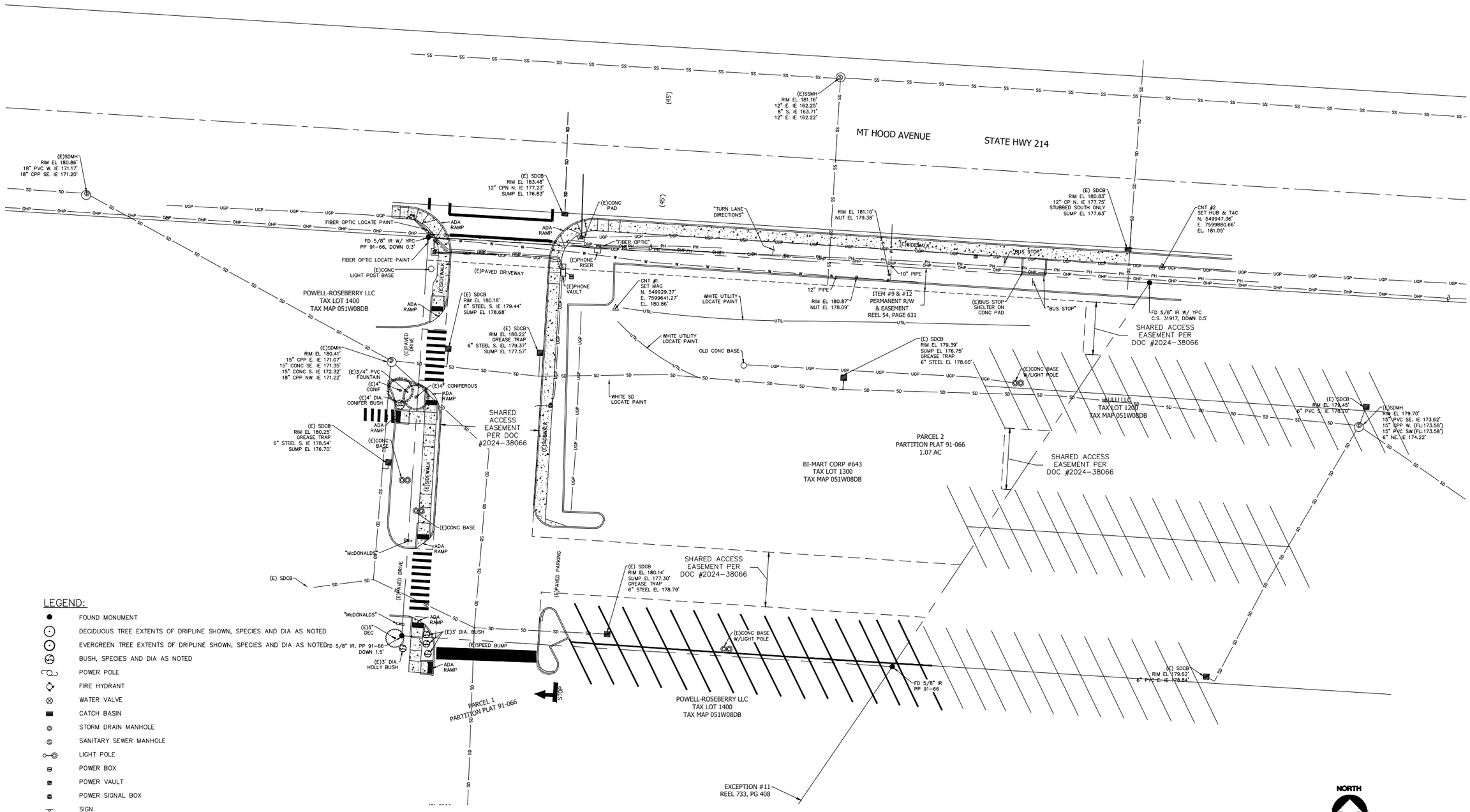
The shared storm system from the surrounding sites ultimately discharges into the public storm main in MT Hood Ave near the middle of Tax Lot 1400. From there, the public main travels west approximately 750 LF, north up Progress Way for 520 LF and then west 1,500 LF until it reaches Mill Creek. The project proposes a reduction in impervious area which reduces the total flows entering the existing system. Therefore, there are no anticipated negative downstream effects.

See Appendix D Conveyance and HydroCAD Calculations

V. Offsite

Along the frontage of Mt Hood Avenue, the project proposes replacing an existing 5' wide public sidewalk with a new 8' wide sidewalk with the 5' Right of Way Dedication. There is currently existing curb to remain, although the ultimate street cross section is planned to include an additional 6' bicycle lane with 6' wide sidewalk. In lieu of installing the bicycle lane, an extra wide sidewalk to accommodate both modes is proposed. The two existing corner ramps on either side of the shared access onto Mt Hood Ave will be replaced. There are existing public catch basins located along the project frontage in Mt Hood Ave at low points. The existing public system is designed to handle the improvements and the minor additional sidewalk, which is less than the ultimate roadway proposed width.

Appendix A – Existing Conditions



LEGEND:

- FOUND MONUMENT
- DECIDUOUS TREE EXTENTS OF DRIPLINE SHOWN, SPECIES AND DIA AS NOTED
- EVERGREEN TREE EXTENTS OF DRIPLINE SHOWN, SPECIES AND DIA AS NOTED
- BUSH, SPECIES AND DIA AS NOTED
- POWER POLE
- FIRE HYDRANT
- WATER VALVE
- CATCH BASIN
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- LIGHT POLE
- POWER BOX
- POWER VAULT
- POWER SIGNAL BOX
- SIGN
- LIGHT SIGNAL

- SD — UNDERGROUND STORM DRAIN PIPE
- W — WATER LINE LOCATE
- PH — PHONE LINE LOCATE
- SS — SEWER LINE LOCATE
- OHP — OVERHEAD POWER LINE
- UTIL — UTILITY LOCATE
- UGP — UNDERGROUND POWER LINE

(E) CONCRETE

(E) PAVEMENT

ABBREVIATIONS LEGEND:

(E)	– EXISTING
CONC	– CONCRETE
CB	– CATCH BASIN
FD	– FOUND
IR	– IRON ROD
MH	– MANHOLE
PP	– PARTITION PLAT
R/W	– RIGHT-OF-WAY
SS	– SANITARY SEWER
SD	– STORM DRAIN
W/	– WITH
YPC	– YELLOW PLASTIC CAP

PROJECT VERTICAL DATUM -- NGVD 29

ALL ELEVATIONS ARE SHOWN ON THE VERTICAL DATUM OF NGVD 29. THE VERTICAL BENCHMARK USED FOR ESTABLISHING ELEVATIONS WAS A GPS STATIC OBSERVATION POST-PROCESSED USING OPUS AND THEN ADJUSTED DOWN 3.38' PER NGS VERTCON . CONTRACTOR IS TO NOTIFY ENGINEER/SURVEYOR TWO WORKING DAYS PRIOR TO DISTURBING EXISTING SURVEY MONUMENT(S). SURVEYOR IS TO RESTORE PER COUNTY SURVEYOR REQUIREMENTS AND ORS 209.150.

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).

THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

NORTH

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 feet

12/3/25 – CD'S

AAI ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.5539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

EXISTING CONDITIONS

DATE:	09/27/24
DRAWN:	AMW
CHECKED:	JMS

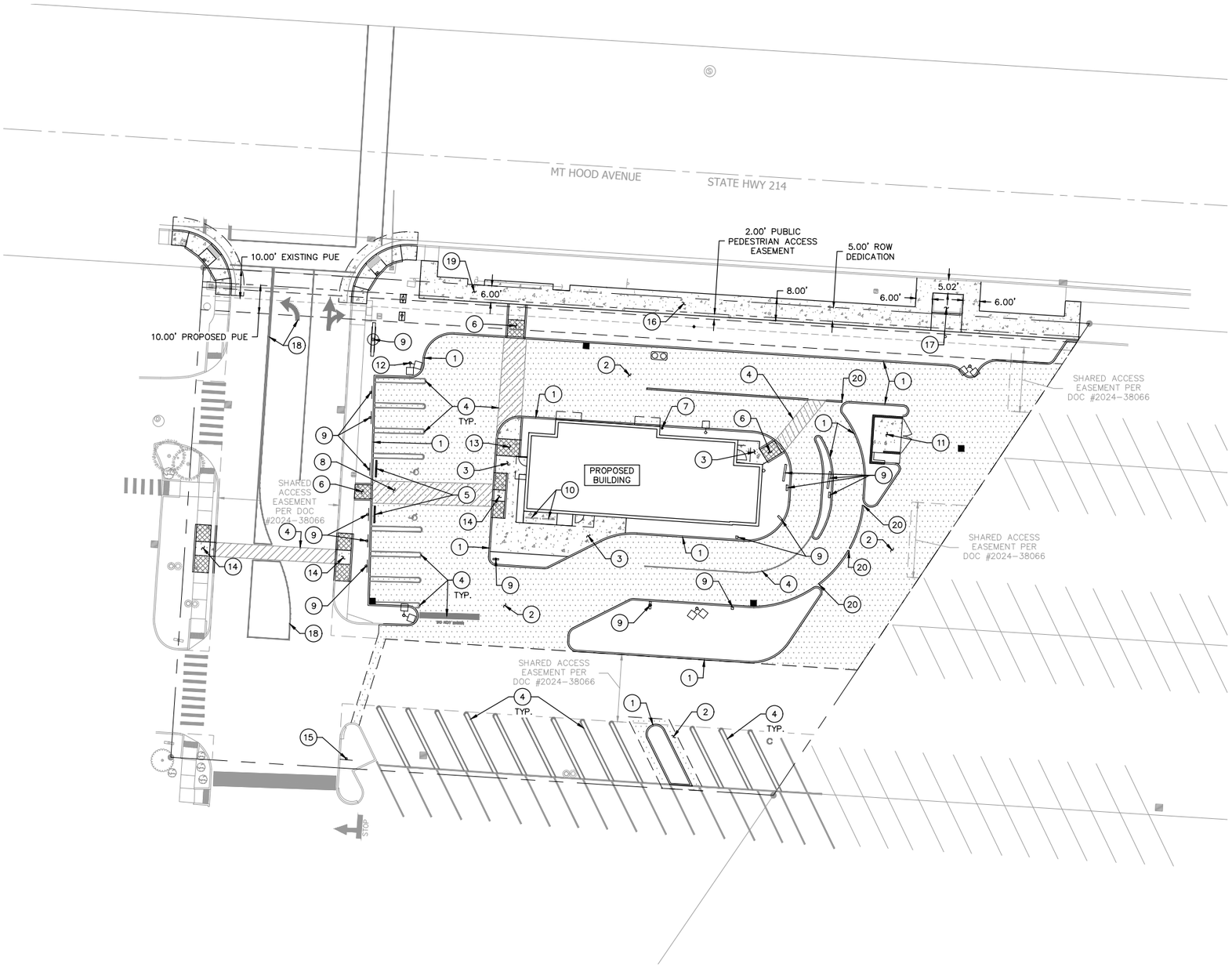
REVISIONS:

SHEET NUMBER

C0.2

JOB NUMBER: A24112.10

Appendix B – Site Plan



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. SEE ARCHITECTURAL PLANS FOR ADDITIONAL SITE INFORMATION.
3. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.

(X) CONSTRUCTION NOTES

1 INSTALL CURB PER DETAIL 1/C4.0
2 INSTALL ASPHALT SURFACE PER DETAIL 2/C4.0
3 INSTALL CONCRETE SIDEWALK PER DETAIL 3/C4.0
4 INSTALL STRIPING. SEE ARCHITECTURAL PLANS FOR DETAILS.
5 INSTALL WHEELSTOP PER DETAIL 7/C4.0
6 INSTALL ADA RAMP TYPE 2 PER DETAIL 5/C4.0
7 INSTALL BOLLARD. SEE ARCHITECTURAL PLANS FOR DETAILS.
8 INSTALL ADA PARKING PER DETAIL 6/C4.0
9 INSTALL SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS.
10 INSTALL BIKE PARKING. SEE ARCHITECTURAL PLANS FOR DETAILS.
11 INSTALL TRASH ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS.
12 INSTALL SITE LIGHTING. SEE ELECTRICAL PLANS FOR DETAILS.
13 INSTALL ADA RAMP TYPE 3 PER DETAIL 12/C4.0
14 INSTALL ADA RAMP TYPE 1 PER DETAIL 4/C4.0
15 INSTALL STOP SIGN PER DETAIL 1/C4.1
16 INSTALL 8' PUBLIC SIDEWALK. SEE C5.0 FOR DETAILS.
17 EXISTING BUS SHELTER TO REMAIN.
18 INSTALL SHARED ACCESS STRIPING. SEE C5.0 FOR DETAILS.
19 REDUCE PUBLIC SIDEWALK TO 6' WIDTH TO AVOID CONFLICT WITH EXISTING UTILITY POLE AND GUY WIRE.
20 INSTALL 1' WIDE CURB OPENING FOR POSITIVE DRAINAGE.
21 INSTALL CORNER ADA RAMP. SEE C5.2 FOR DETAILS.

LEGEND

PROPERTY LINE
CENTERLINE
CONCRETE SIDEWALK SURFACING
ASPHALT SURFACING

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.

NORTH

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 feet

12/3/25 - CD'S

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THOMPSON
EXPIRES: 6/30/2026

AAI ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN

1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE

HARDSCAPE PLAN

DATE:	09/27/24
DRAWN:	AMW
CHECKED:	JMS
REVISIONS:	

SHEET NUMBER

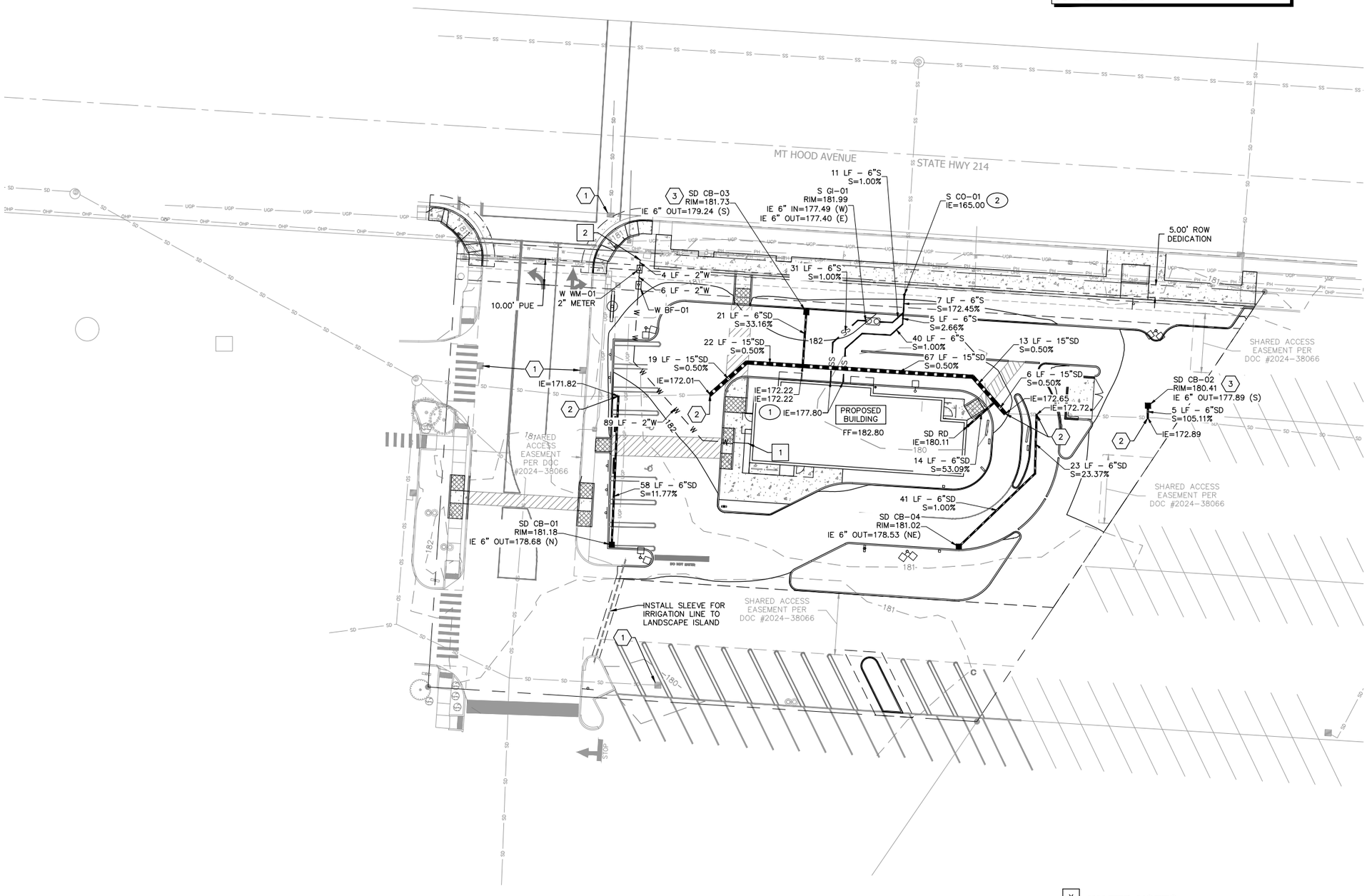
C1.0

JOB NUMBER: A24112.10

Appendix C – Utility Plan

NOTE: WATER METER SIZE ASSUMED TO BE 2" UNTIL THE EXACT DOMESTIC WATER SYSTEM DEMANDS ARE KNOWN.

NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER IMMEDIATELY IF CONFLICTS EXIST.



SHEET NOTES

1. SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
2. STRUCTURES HORIZONTAL LOCATIONS AND PIPE INVERTS ARE BASED ON THE CENTER OF THE STRUCTURE.
3. PIPE BEDDING AND BACKFILL UTILITIES SHALL BE DONE PER DETAIL 9/C4.0.
4. INSTALL THRUST BLOCKS ON FIRE AND WATER LINES PER DETAIL 10/C4.0.
5. ALL SANITARY PIPING SHALL BE PVC 3034 OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
6. THIS PLAN IS GENERALLY DIAGRAMMATIC. IT DOES NOT SHOW EVERY JOINT, BEND, FITTING, OR ACCESSORY REQUIRED FOR CONSTRUCTION.
7. CLEAN OUTS SHALL BE INSTALLED IN CONFORMANCE WITH UPC CHAPTER SEVEN, SECTION 707 AND SECTION 719. THIS PLAN MAY NOT SHOW ALL REQUIRED CLEAN OUTS.
8. DOMESTIC WATER AND FIRE LINES AND ACCESSORIES BETWEEN THE WATER METER AND THE BUILDING SHALL BE INSTALLED BY A LICENSED PLUMBER EMPLOYED BY A LICENSED PLUMBING CONTRACTOR.
9. UTILITIES WITHIN FIVE FEET OF A BUILDING SHALL BE CONSTRUCTED OF MATERIALS APPROVED FOR INTERIOR USE AS DESCRIBED IN THE CURRENT EDITION OF THE UPC.
10. INLETS AND OUTLETS TO ON-SITE MANHOLES SHALL HAVE FLEXIBLE CONNECTION NO CLOSER THAN 12" AND NO FARTHER THAN 36" FROM THE MANHOLE.
11. CONTRACTOR TO VERIFY SANITARY AND WATER SIZING AND INVERTS WITH APPROVED PLUMBING PLANS PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF SAID UTILITIES.
12. ALL STORM AND SANITARY FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

LABEL LEGEND

PIPE LABELS

XXLF - XX" XX ← UTILITY TYPE (UTILITY LENGTH; UTILITY SIZE)

S=X.XX% ← SLOPE (WHERE APPLICABLE)

STRUCTURE LABELS

XX XX-XX ← ID NUMBER (WHERE APPLICABLE) (UTILITY TYPE (FP=FIRE PROTECTION, S=SANITARY, SD=STORM DRAINAGE, W=WATER); STRUCTURE TYPE (SEE BELOW))

RIM=XX.XX
IE IN=XX.X
IE OUT=XX.X
← STRUCTURE INFO (WHERE APPLICABLE)

STRUCTURE TYPES

TYPE	DESCRIPTION
BF	REDUCED PRESSURE BACKFLOW ASSEMBLY PER DETAIL 11/C4.0
CB	CATCH BASIN PER DETAIL 13/C4.0
CO	CLEANOUT PER CITY DETAIL 6200-1/C4.1
GI	GREASE INTERCEPTOR PER DETAIL G12-GGI-2500/C4.1
RD	ROOF DRAIN CONNECTION
WM	WATER METER PER CITY DETAILS 5000-4 & 5050-1/C4.1

LEGEND

SANITARY SEWER LINE — SS — SS —
WATER LINE — W — W — W —
FIRE LINE — FP — FP — FP — FP —
STORM LINE

(X) STORM NOTES

1 EXISTING CATCH BASIN TO REMAIN.
2 CONNECT TO EXISTING 15" ONSITE STORM PIPE. EXISTING IE AT EACH CONNECTION NOT ENTIRELY KNOW. MAINTAIN MINIMUM 0.5% PIPE SLOPE.
3 INSTALL CATCH BASIN AT NEW LOW POINT.

(X) SANITARY NOTES

1 SANITARY BUILDING POINT OF CONNECTION
2 CONNECT TO EXISTING 8" SANITARY LATERAL ON-SITE. CONTRACTOR TO VERIFY EXISTING IE AND CONDITION OF EXISTING LATERAL.

[X] WATER NOTES

1 WATER BUILDING POINT OF CONNECTION
2 WET HOT TAP EXISTING 12" WATER MAIN.

NORTH

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 feet

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 2012
CHRISTOPHER F. THORNTON
EXPIRES: 6/30/2026

AAI ENGINEERING
4975 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005
503.620.3030 tel | 503.620.3539 fax | www.aaieng.com

POPEYES WOODBURN
1600 MT HOOD AVE
WOODBURN, OR

SHEET TITLE
UTILITY PLAN

DATE: 09/27/24
DRAWN: AMW
CHECKED: JMS
REVISIONS:

SHEET NUMBER
C3.0

JOB NUMBER: A24112.10

12/3/25 - CD'S

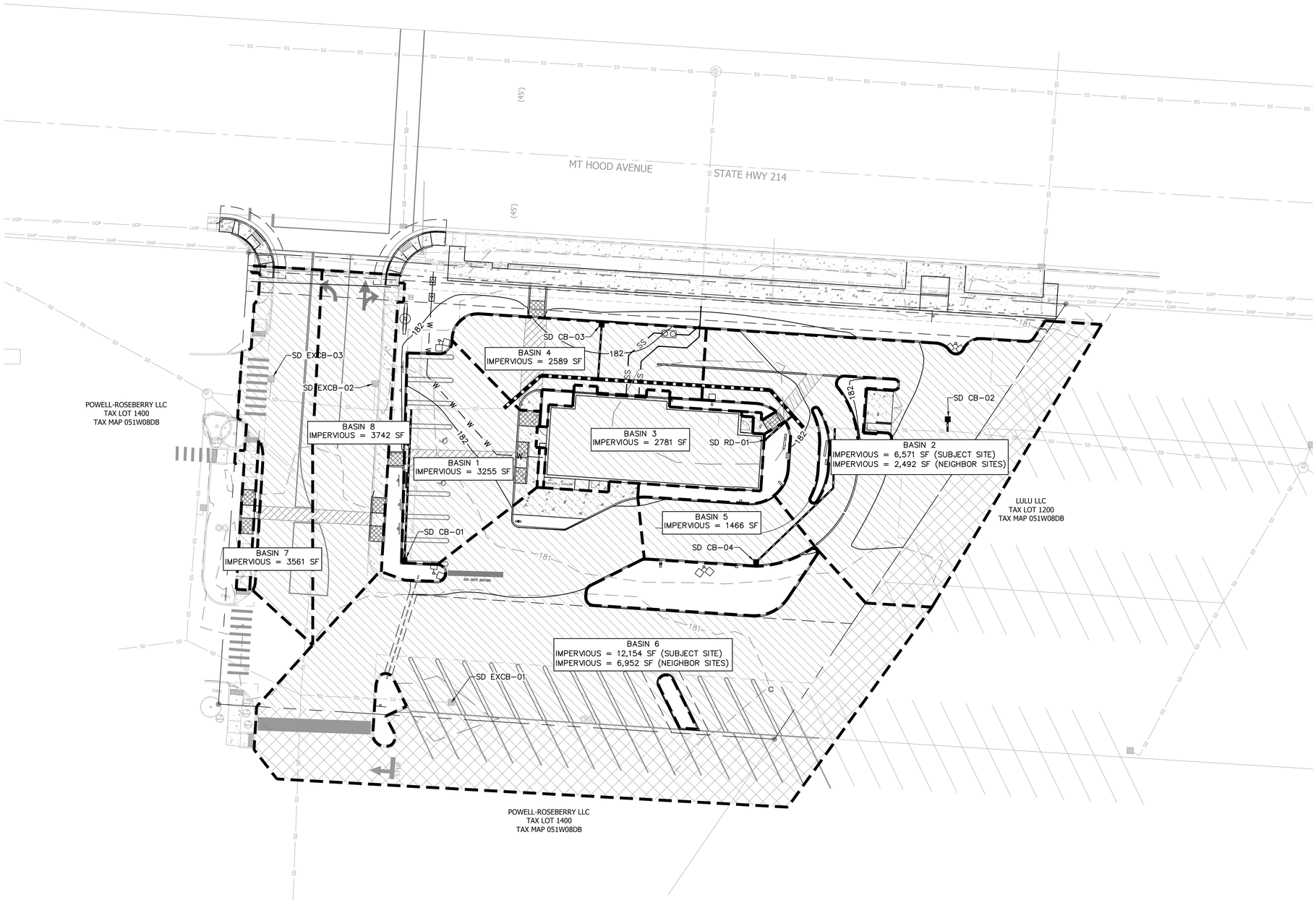
Appendix D – Conveyance

Date: **10/23/2025** Project Name: **Popeyes - Woodburn** Designed By: **AMW**
Project #: **A24112.10** Checked By: **CFT**

Storm Conveyance Calculations

General			Connected Basin			Cumulative Basin									Piping											
Upstream Structure	Downstream Structure	Design Storm (yr)	Impervious Area (sf)	Pervious Area (sf)	Total Area (sf)	Impervious Area (sf)	Pervious Area (sf)	Weighted Runoff Coefficient	Total Basin Area (sf)	Total Area (ac)	Time of Concentration (min)	I (in/hr)	Q (cfs)	% Full (Q/Q_{MAX})	Size (in)	Slope (%)	Design Pipe Velocity (ft/s)	Slope (ft/ft)	D (ft)	D/d	d (ft)	n	deg	A (cf)	P (ft)	R	Full Pipe Velocity (ft/s)	Max Allowable Q (cfs)
CB-01	EX-A	25	3255		3255	3255	0	0.90	3255	0.07	5.00	2.60	0.17	5.85%	6	11.77%	15.62	0.1177	0.50	0.94	0.47	0.009	5.29	0.19	1.32	0.14	15.62	2.99
EXCB-01	EX-B	25	19106		19106	19106	0	0.90	19106	0.44	5.00	2.60	1.03	71.65%	6	2.70%	7.48	0.0270	0.50	0.94	0.47	0.01	5.29	0.19	1.32	0.14	7.48	1.43
OFFSITE UPSTREAM	EX-D	25	108200		108200	108200	0	0.90	108200	2.48	5.00	2.60	5.81	81.90%	15	0.50%	5.93	0.0050	1.25	0.94	1.18	0.01	5.29	1.20	3.31	0.36	5.93	7.10
CB-02	EX-D	25	9063		9063	9063	0	0.90	9063	0.21	5.00	2.60	0.49	5.45%	6	105.11%	46.67	1.0511	0.50	0.94	0.47	0.01	5.29	0.19	1.32	0.14	46.67	8.94
EX-D	EX-G	25			0	117263	0	0.90	117263	2.69	-	-	-	-	15	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-
CB-04	EX-G	25	1466		1466	1466	0	0.90	1466	0.03	5.00	2.60	0.08	9.03%	6	1.00%	4.55	0.0100	0.50	0.94	0.47	0.01	5.29	0.19	1.32	0.14	4.55	0.87
EX-G	EX-E	25			0	118729	0	0.90	118729	2.73	-	-	-	-	15	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-
EX-E	A	25			0	118729	0	0.90	118729	2.73	5.00	2.60	6.38	89.87%	15	0.50%	5.93	0.0050	1.25	0.94	1.18	0.01	5.29	1.20	3.31	0.36	5.93	7.10
RD-01	A	25	2781		2781	2781	0	0.90	2781	0.06	5.00	2.60	0.15	2.35%	6	53.09%	33.16	0.5309	0.50	0.94	0.47	0.01	5.29	0.19	1.32	0.14	33.16	6.35
A	B	25			0	121510	0	0.90	121510	2.79	5.00	2.60	6.53	91.97%	15	0.50%	5.93	0.0050	1.25	0.94	1.18	0.01	5.29	1.20	3.31	0.36	5.93	7.10
CB-03	B	25	2589		2589	2589	0	0.90	2589	0.06	5.00	2.60	0.14	2.77%	6	33.16%	26.21	0.3316	0.50	0.94	0.47	0.01	5.29	0.19	1.32	0.14	26.21	5.02
B	EX-F	25			0	124099	0	0.90	124099	2.85	5.00	2.60	6.67	93.93%	15	0.50%	5.93	0.0050	1.25	0.94	1.18	0.01	5.29	1.20	3.31	0.36	5.93	7.10
EX-F	EX-A	25			0	124099	0	0.90	124099	2.85	5.00	2.60	6.67	93.93%	15	0.50%	5.93	0.0050	1.25	0.94	1.18	0.01	5.29	1.20	3.31	0.36	5.93	7.10

Appendix E – Basin Map



LEGEND

- EXISTING CONTOUR MINOR — 102
- EXISTING CONTOUR MAJOR — 100
- PROPOSED CONTOUR MINOR — 102
- PROPOSED CONTOUR MAJOR — 100
- BASIN
- IMPERVIOUS AREA SUBJECT SITE
- IMPERVIOUS AREA NEIGHBOR SITES

NORTH

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 feet

AAI engineering, inc.
ENGINEERING
1675 SW Baseline Street | Suite 181 | Hillsboro, OR | 97123

POPEYES WOODBURN

1600 MT HOOD AVE

SHEET TITLE

BASIN MA

DATE: 09/

DRAWN:

CHECKED:

REVISIONS:

SHEET NUMBER

EX-

Appendix F – Operations and Maintenance Manual

Popeyes – Woodburn

STORMWATER OPERATIONS & MAINTENANCE PLAN

Popeyes

October 23, 2025

Prepared by:
Christopher Thornton, PE
AAI Engineering
4875 SW Griffith Drive, Suite 100
Beaverton, OR 97005

Responsibility

The Conveyance Piping Catch Basin are to be maintained by the owner. These facilities have been designed for ease of maintenance outlined herein.

Contact info:

Primary:

TBD
Address:
Tel:
Email:

Department of Environmental Quality - (503) 229-5696
Oregon Emergency Response System - (800) 452-0311

Description

The runoff from the roof and new asphalt/concrete will be collected in new downspouts (Roof), and a Catch Basin (AC). The parking impervious area will be routed to catch basins that connect to an existing private shared storm system for the subject site and surrounding properties part of the shared commercial complex.

Inspection/Maintenance Schedule

Each part of the system shall be inspected and maintained quarterly and within 48 hours after each major storm event. For this O&M Plan, a major storm event is defined as 1.0 inches of rain (or more) in 24 hours. All components of the storm system as described above must be inspected and maintained

frequently or they cease to function effectively. The Facility owner shall keep a log, recording all inspection dates, observations, and maintenance activities. Receipts shall be saved when maintenance is performed and there is record of expense

The following items shall be inspected and maintained as stated:

Catch Basins and Pipes (Conveyance):

- Sediment shall be removed biannually, more frequently if site produces a high volume of sediment.
- Debris shall be removed from inlets and outlets quarterly, or as necessary to maintain free flow of runoff.
- Quarterly inspections for clogging shall be performed, or if "ponding" is observed at the Catchbasin inlet.
- Grates shall be tamper proof.

Source Control

Source control measures prevent pollutants from mixing with stormwater. Typical non-structural control measures include raking and removing leaves, pavement sweeping, vacuum sweeping, and limited and controlled application of pesticides, herbicides and fertilizers.

- Source control measures shall be inspected and maintained quarterly.
- Signage shall be maintained.

Spill Prevention

Spill prevention measures shall be exercised when handling substances that can contaminate stormwater. Virtually all sites present dangers from spills. It is important to exercise caution when handling substances that can contaminate stormwater. Activities that pose the chance of hazardous material spills shall not take place near collection facilities.

- The proper authority and property owner shall be contacted immediately if a spill is observed.
- A spill kit shall be kept near spill-prone operations and refreshed annually.
- Employees shall be trained on spill control measures.
- Shut-off valves shall be tested quarterly.
- Release of pollutants shall be corrected within 12 hours.

Insects and Rodents

Insects and Rodents shall not be harbored in any part of the storm system.

- Pest control measures shall be taken when insects/rodents are found to be present. Standing water and food sources shall be prevented.
- Holes in the ground shall be filled.
- Inlets and outfalls shall be inspected and cleaned regularly to ensure no rodent activity, which can clog or decrease the efficiency of the storm system.
- Pest control measures shall be taken when insects/rodents are found to be present. Standing water and food sources shall be prevented.

Access

Access shall be maintained for the Catchbasin and Manhole Structures so operations and maintenance can be performed as regularly scheduled.

Popeyes – Woodburn

Stormwater Facility Monitoring Log

Pollution prevention

- All sites shall implement best management practices (BMP's), to prevent hazardous wastes, litter, or excessive oil and sediment from contaminating stormwater. Record Time/Date, weather and site conditions if site activities are found to contaminate stormwater.

Maintenance

- Record date, description and contractor (if applicable) for all structure repairs, landscape maintenance and facility cleanout activities.

Date: _____ Initials: _____

Work performed by: _____

Work performed: _____
_____

Details: _____
_____

Date: _____ Initials: _____

Work performed by: _____

Work performed: _____
_____

Details: _____
_____

Appendix G – Geotechnical Report