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DTDcompliance@clackamas.us | 503-742-4400.

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DTDcompliance@clackamas.us | 503-742-4400。

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Clackamas County
www.clackamas.us



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

October 1, 2026

BCC Agenda Item: _____

Board of County Commissioners
Clackamas County

Approval of an Intergovernmental Agreement with the City of Tualatin for the 65th/Borland Improvements Project and the Transfer of Jurisdiction Over a Portion of SW 65th Avenue. Total Agreement Value is \$750,000. Funding is through the Community Road Fund. No County General Funds are involved.

Previous Board Action/Review: N/A

Performance Clackamas: Public Trust in Good Government

Counsel Review: Yes

Procurement Review: N/A

Contact Person: Mike Bezner

Contact Phone: 503-742-4651

EXECUTIVE SUMMARY: This Intergovernmental Agreement (IGA) sets forth the process for the City of Tualatin to assume exclusive jurisdiction over SW 65th Avenue. The proposed IGA also formalizes an agreement to provide funds to the City of Tualatin in the amount of \$750,000, which is to be used for the purpose of completing construction of the 65th/Borland Improvements Project. Payment of these funds is contingent upon the City finalizing the jurisdictional transfer process. Upon execution of this IGA, the City assumes responsibility for "Road Authority" activities, including but not limited to all maintenance, permitting and road standard activities.

RECOMMENDATION: Staff recommends that the Board approve the attached IGA with the City of Tualatin for the 65th/Borland Improvements Project and the Transfer of Jurisdiction Over a Portion of SW 65th Avenue.

Respectfully submitted,

Dan Johnson

Dan Johnson, Director
Department of Transportation &
Development

For Filing Use Only

**INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF TUALATIN AND
CLACKAMAS COUNTY RELATING TO THE 65TH/BORLAND IMPROVEMENTS
PROJECT AND THE TRANSFER OF JURISDICTION OVER A PORTION OF SW
65TH AVENUE**

This Agreement is made between the City of Tualatin, a municipal corporation of the State of Oregon (the “City”), and Clackamas County, a political subdivision of the State of Oregon (the “County”), collectively referred to as the “Parties” and each a “Party.”

RECITALS

1. ORS 190.010 authorizes local governments to enter into intergovernmental agreements for the performance of any or all functions and activities that a local government or its officers or agencies have the authority to perform.
2. The City is currently planning the 65th/Borland Improvements Project, which will improve traffic flow and provide other transportation facility improvements to the intersection of SW 65th Avenue with SW Borland Road (the “Project”). Preliminary plans for the Project are shown in Exhibit “A,” attached hereto and by this reference incorporated herein.
3. The Parties desire to provide the basis for a cooperative working relationship for the purpose of funding and completing construction of the Project.
4. The portion of SW 65th Avenue described in Exhibit “B” and depicted in Exhibit “C,” attached hereto and by these references incorporated herein, currently labeled as county road no. 21042 (the “Transfer Area”), is a county road, as defined in ORS 368.001, that is within the City’s boundary.
5. The City is best suited to acquire jurisdiction over the Transfer Area.
6. ORS 373.270 provides a mechanism for a county to surrender jurisdiction over a county road within a city to the city, provided the city requests or accepts such jurisdiction.
7. Until it acquires such jurisdiction, the City is best suited to acquire permitting and maintenance responsibility for the Transfer Area.

AGREEMENT

The Parties agree as follows:

1. **Term.** This Agreement shall be effective on the last day of signature by a Party indicated below (“the Effective Date”) and shall expire automatically at the time the City accepts jurisdiction over the Transfer Area or achieves substantial completion of the Project, whichever is later.

2. City Responsibilities.

A. Transfer of Responsibility.

- i. Upon the Effective Date of this Agreement, the City shall assume responsibility for Road Authority activities (described in Section 2.A.iv below) within the Transfer Area.
- ii. The City shall carry out Road Authority activities within the Transfer Area in a manner that is substantially similar to other roads with similar features, functions, classification, and characteristics under the City's jurisdiction.
- iii. The City shall be solely responsible for all costs associated with Road Authority activities within the Transfer Area.
- iv. **Road Authority Activities.** For purposes of this Agreement, "Road Authority activities" include, but are not necessarily limited to, the following:
 1. Construction and reconstruction (including capital improvements);
 2. Improvement, repair, and maintenance;
 3. Repair and maintenance of related facilities within the roadway, including, but not limited to, storm water drainage facilities, traffic control devices, street lights, and roadside barriers;
 4. Timely repair or mitigation of known hazards to road users;
 5. Issuance of permits for work;
 6. The establishment of roadway standards for the Transfer Area; and
 7. All other responsibilities the County has under ORS chapter 368 with respect to the Transfer Area which may be assumed by the City under state law.

B. Transfer of Jurisdiction.

- i. The City shall carry out the procedures set forth in ORS 373.270 to determine whether it is necessary, expedient, or for the best interests of the City to acquire jurisdiction over the Transfer Area and, if so, adopt appropriate municipal legislation requesting such jurisdiction. The City shall complete the process to request jurisdiction no later than March 31, 2027.
- ii. The City shall accept jurisdiction over the Transfer Area in the event that the governing body of the City and the governing body of the County determine that it is necessary, expedient, or for the best interests of their respective jurisdictions to transfer such jurisdiction, and if the County adopts an order surrendering such jurisdiction.

C. **The Project.**

- i. The City shall submit to the County 60%, 90%, and 100% plan sets for review and comment.
- ii. The City shall achieve substantial completion of the Project no later than December 31, 2032.
- iii. If the City does not achieve substantial completion of the Project by December 31, 2035, then it shall repay the County 50% of the County Project Funds (described in Section 3.B below).

3. **County Responsibilities.**

- A. **Transfer of Jurisdiction.** Once the City completes the process to request jurisdiction over the Transfer Area, the County shall give notice and carry out the procedures set forth in ORS 373.270 to determine whether it is necessary, expedient, or for the best interests of the County to surrender such jurisdiction, and, if so, adopt an order surrendering such jurisdiction. The County shall complete the process to surrender jurisdiction within 120 days of the date that the City requests such jurisdiction. This obligation shall terminate in the event the governing body of the City fails to find that it is necessary, expedient, or for the best interests of the City to acquire such jurisdiction.
- B. **The Project.** No later than June 30, 2027, the County shall pay the City \$750,000 to be used for the purpose of completing construction of the Project (the “County Project Funds”). This obligation shall terminate in the event the governing body of the City fails to find that it is necessary, expedient, or for the best interests of the City to acquire jurisdiction over the Transfer Area.

4. **Termination.**

- A. The Parties, by mutual written agreement, may terminate this Agreement at any time.
- B. Either Party may terminate this Agreement in the event of a material breach by the other Party. Prior to such termination, however, the Party seeking the termination shall give the other Party written notice of the breach and of the Party’s intent to terminate. If the breaching Party has not completely cured the breach within thirty (30) days of deemed or actual receipt of the notice, then the Party giving notice may terminate this Agreement any time thereafter by giving written notice of termination stating the effective date of the termination. If the breach is of such a nature that it cannot be completely cured within such thirty (30) day period, then the Party giving notice may not terminate this Agreement due to the breach if the breaching Party begins curing the breach within the thirty (30) day period and thereafter proceeds with reasonable diligence and in good faith to completely cure the breach as soon as practicable. The Party giving notice shall not be required to give more than one (1) notice for a similar breach in any twelve (12) month period.

- C. Any rights or obligations accrued to the Parties prior to termination shall survive such termination.
- D. The City shall not be in material breach of this Agreement by reason of any failure to perform a substantial obligation under Section 2.C above if the failure arises out of causes beyond its control and without its fault or negligence. Should the City fail to perform as set out in Section 2.C above because of circumstances described in this subsection, the Parties shall make a mutually acceptable revision to that provision.

5. Indemnification.

- A. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the County agrees to indemnify, save harmless, and defend the City and its officers, elected officials, agents, and employees from and against all costs, losses, damages, claims, or actions, and all expenses incidental to the investigation and defense thereof (including legal and other professional fees), arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the County or its officers, elected officials, owners, employees, agents, or subcontractors, or anyone whom the County has a right to control.
- B. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the City agrees to indemnify, save harmless, and defend the County and its officers, elected officials, agents, and employees from and against all costs, losses, damages, claims, or actions, and all expenses incidental to the investigation and defense thereof (including legal and other professional fees), arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the City or its officers, elected officials, owners, employees, agents, or subcontractors, or anyone whom the City has a right to control.

6. Party Contacts.

- A. Mike McCarthy or their designee shall act as liaison for the City for this Agreement.

Contact Information:

Mike McCarthy
City of Tualatin
10699 SW Herman Road
Tualatin, OR 97062
503-691-3674
mmcarthy@tualatin.gov

- B. Mike Bezner or their designee shall act as liaison for the County for this Agreement.

Contact Information:

Mike Bezner
Clackamas County Department of Transportation and Development

150 Beaver Creek Road
Oregon City, OR 97045
503-742-4651
mikebez@clackamas.us

7. General Provisions.

- A. **Oregon Law and Forum.** This Agreement shall be construed according to the laws of the State of Oregon, without giving effect to the conflict of law provisions thereof.
- B. **Applicable Law.** The Parties shall comply in all ways with applicable local, state, and federal ordinances, statutes, laws, and regulations.
- C. **Non-Exclusive Rights and Remedies.** Except as otherwise expressly provided herein, the rights and remedies expressly afforded under the provisions of this Agreement shall not be deemed exclusive and shall be in addition to and cumulative with any and all rights and remedies otherwise available at law or in equity. The exercise by either Party of any one or more of such remedies shall not preclude the exercise by it, at the same or a different time, of any other remedies for the same breach, or for any other breach, by the other Party.
- D. **Retention of Records.** All payroll and financial records pertaining in whole or in part to this Agreement shall be clearly identified and readily accessible. Such records and documents should be retained for a period of three (3) years after expiration or termination of this Agreement; provided that any records or documents that are the subject of audit findings shall be retained until such audit findings are resolved.
- E. **Access to Records.** Each Party, the federal government, and their duly authorized representatives shall have access to each Party's books, documents, papers, and records which are directly pertinent to this Agreement for the purpose of making audit, examination, excerpts, and transcripts for a period of three (3) years after expiration or termination of this Agreement. Copies of applicable records shall be made available upon request. The cost of such inspection shall be borne by the inspecting Party.
- F. **Debt Limitation.** This Agreement is subject to the county debt limitation set forth in Article XI, section 10, of the Oregon Constitution, and is contingent upon funds being appropriated to carry out its provisions.
- G. **Severability.** If any provision of this Agreement is found to be unconstitutional, illegal, or unenforceable, this Agreement nevertheless shall remain in full force and effect, and the offending provision shall be stricken. The court or other authorized body finding such provision unconstitutional, illegal, or unenforceable shall construe this Agreement without such provision to give effect, to the maximum extent possible, to the intentions of the Parties.

- H. **Integration, Amendment, and Waiver.** Except as otherwise set forth herein, this Agreement constitutes the entire agreement between the Parties on the matter of the Project and the transfer of jurisdiction over the Transfer Area. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver, consent, modification, or change to the terms of this Agreement shall bind either Party unless it is in writing and signed by both Parties, and unless all necessary approvals have been obtained. Such waiver, consent, modification, or change, if made, shall be effective only in the specific instance and for the specific purpose given. The failure of either Party to enforce any provision of this Agreement shall not constitute a waiver by such Party of that or any other provision. A waiver as to one breach shall not be deemed a waiver as to any other breach not expressly identified, even though the other breach is of the same nature as the one waived.
- I. **Interpretation.** The titles of the sections of this Agreement are inserted for convenience of reference only and shall be disregarded in construing or interpreting any of its provisions.
- J. **No Partnership.** No representative, agent, employee, or contractor of one Party shall be deemed to be a representative, agent, employee, or contractor of the other Party for any purpose, except to the extent specifically provided herein. Nothing herein is intended, nor shall it be construed, to create between the Parties any relationship of principal and agent, partnership, joint venture, or any similar relationship, and each Party specifically disclaims any such relationship.
- K. **No Third-Party Beneficiary.** Neither Party intends that this Agreement benefit, or create any right or cause of action in, or on behalf of, any person or entity other than the Parties.
- L. **No Assignment.** Neither Party shall have the right to assign its interest in this Agreement (or any portion thereof) without the prior written consent of the other Party, which consent may be withheld for any reason. The benefits conferred by this Agreement, and the obligations assumed hereunder, shall inure to the benefit of and bind the successors to the Parties.
- M. **Nonwaiver of Government Rights.** By making this Agreement, the Parties are specifically not obligating themselves or any other governmental entity with respect to any discretionary governmental action relating to the Project or any associated development, operation, or use of the improvements to be constructed in connection therewith, including, but not limited to, condemnation, comprehensive planning, rezoning, variances, environmental clearances, or any other governmental approvals that are or may be required.
- N. **Counterparts.** This Agreement may be executed in any number of counterparts (electronic, facsimile, or otherwise), all of which, when taken together, shall constitute one agreement binding on both Parties, notwithstanding that both Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.

O. **Authority.** Each Party represents that it has the authority to enter into this Agreement, and each individual signatory for a Party represents that it has been authorized by that Party to execute and deliver this Agreement.

P. **Necessary Acts.** Each Party shall execute and deliver to the other all such further instruments and documents as may be reasonably necessary to carry out this Agreement.

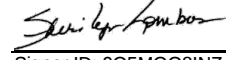
CLACKAMAS COUNTY

Craig Roberts, Chair

Date

Recording Secretary

CITY OF TUALATIN



Signer ID: 005M0081NZ
Sherilyn Lombos, City Manager

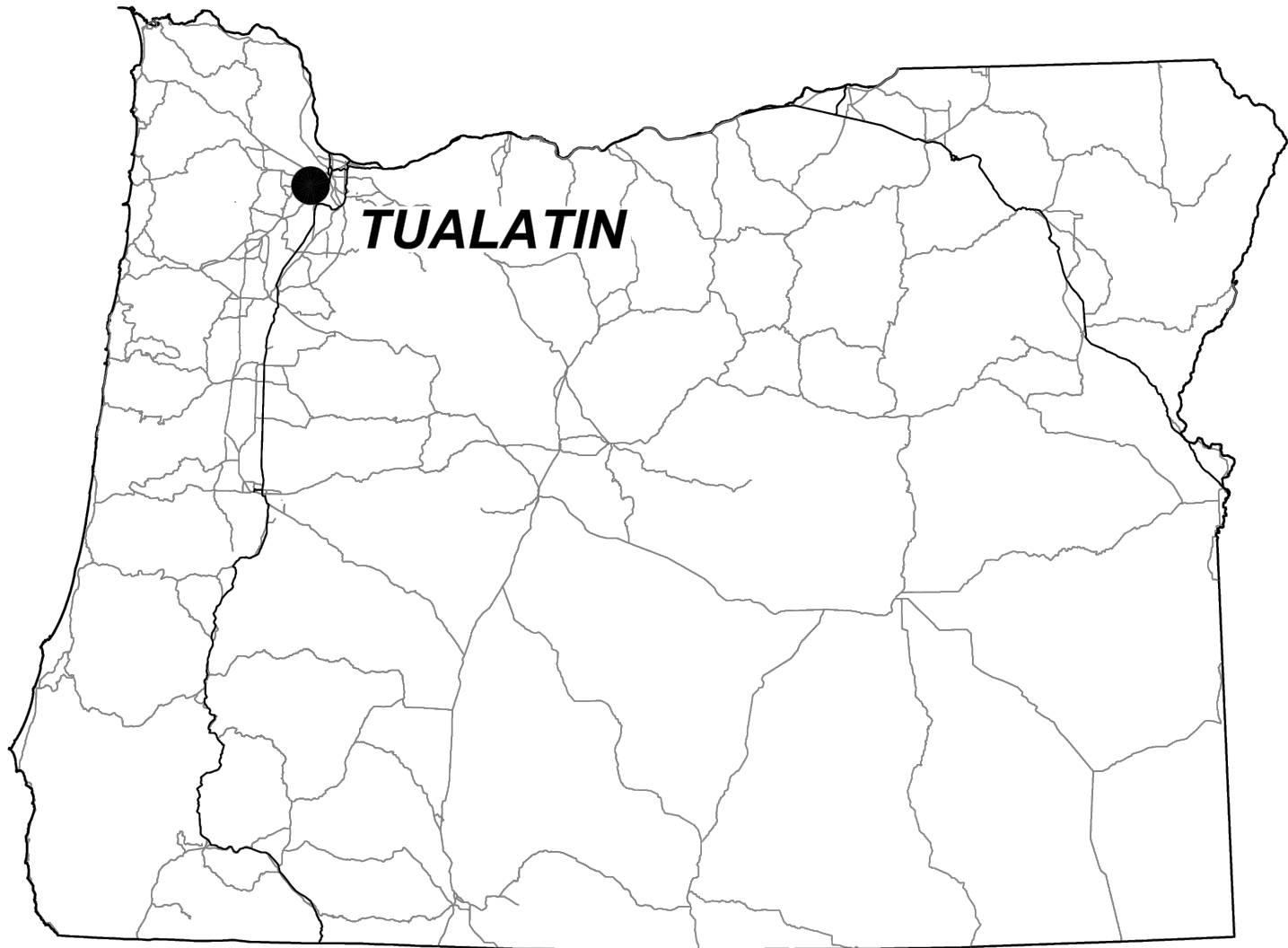
08/12/2026 PDT

Date

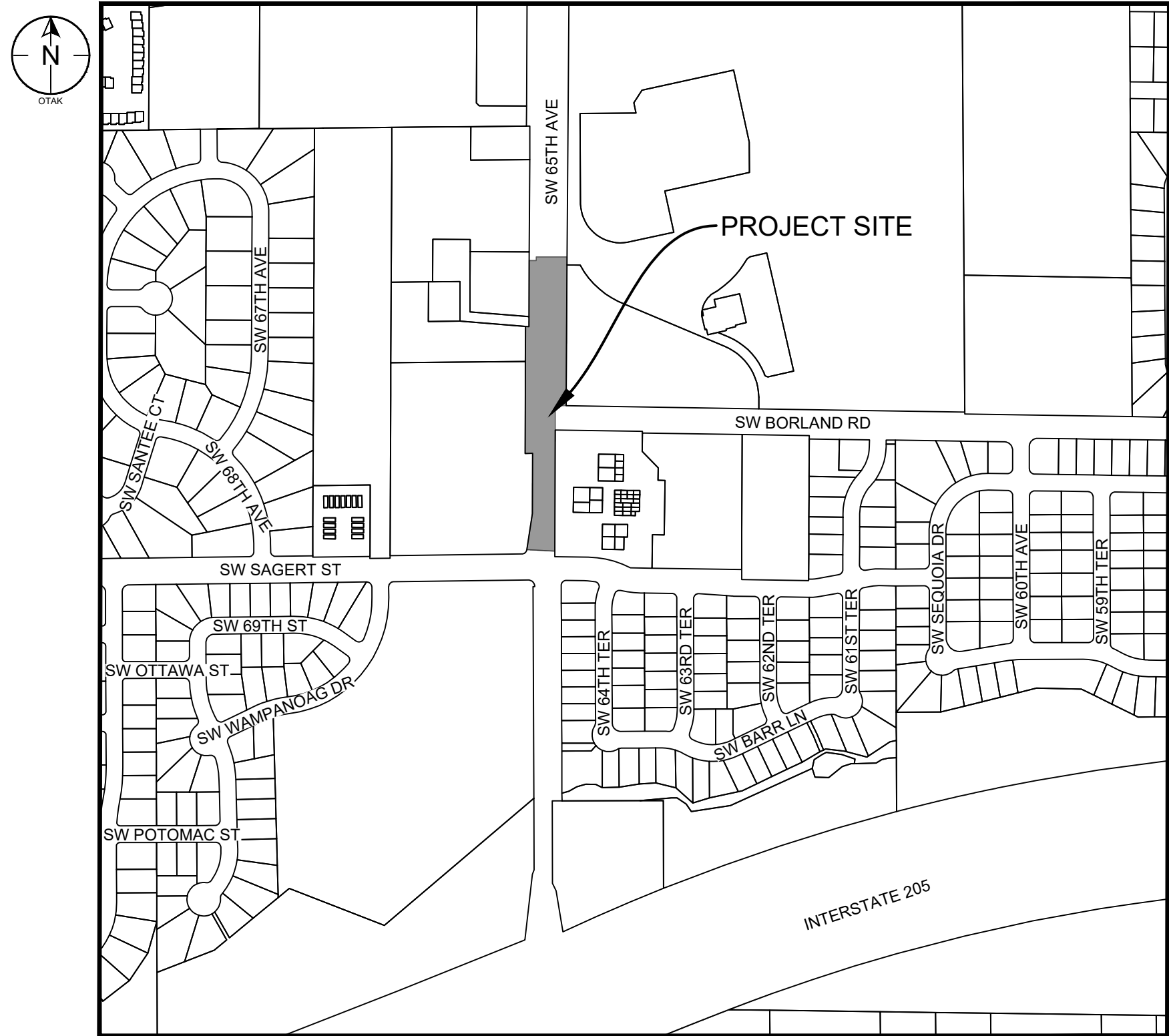
65TH / BORLAND / SAGERT IMPROVEMENTS

Exhibit A

TUALATIN, OREGON
OTAK PROJECT NO. 21757



STATE OF OREGON
NTS



VICINITY MAP
NTS

SHEET INEX

SHEET NUMBER		SHEET NUMBER		SHEET NUMBER	
SHEET TITLE		SHEET TITLE		SHEET TITLE	
GENERAL		TYPICAL SECTIONS		TRAFFIC SIGNALS	
G01	COVER SHEET	RS01	TYPICAL SECTIONS	TS1	SIGNAL LEGEND
G02	GENERAL NOTES	RS02	TYPICAL SECTIONS	TS2	SIGNAL MODIFICATION PLAN - 65TH AND BORLAND
G03	KEY PLAN	RS03	TYPICAL SECTIONS	TS3	DETECTOR PLAN - 65TH AND BORLAND
G04	HORIZONTAL CONTROL	DRIVEWAYS DETAILS		TS4	SIGNAL DETAILS - 65TH AND BORLAND
EXISTING CONDITIONS AND DEMOLITION PLAN		DR01	TL 1000 DRIVEWAY	TS5	SIGNAL MODIFICATION PLAN - 65TH AND SAGERT
EX01	STA. 3+00 TO STA. 6+25	DR02	TL 700 DRIVEWAY	ILLUMINATION	
EX02	STA. 6+25 TO STA. 12+50	DR03	TL 210 DRIVEWAY	IL1	ILLUMINATION LEGEND
EROSION CONTROL		DR04	TL 500 DRIVEWAY	IL2	ILLUMINATION PLAN
EC01	STA. 3+00 TO STA. 6+25	CURB RAMPS		IL3	ILLUMINATION PLAN
EC02	STA. 6+25 TO STA. 12+50	CR00	CURB RAMP GENERAL NOTES	LANDSCAPE	
EC03	DETAILS	CR01	SW CORNER PLAN AND PROFILE	L01	LANDSCAPE PLAN SOUTH
TEMPORARY TRAFFIC CONTROL		CR02	NW CORNER PLAN AND PROFILE	L02	LANDSCAPE PLAN NORTH
TC1	STAGE 1	ROADWAY PLAN AND PROFILE		L03	LANDSCAPE NOTES AND DETAILS
TC2	STAGE 2	C01	STA. 3+00 TO STA. 6+25	SIGNING AND STRIPING	
TC3	STAGE 2-A	C02	STA. 6+25 TO STA. 9+25	SS1	SIGNING AND STRIPING LEGEND
TC4	STAGE 3	C03	STA. 9+25 TO STA. 12+50	SS2	SIGNING AND STRIPING PLAN
TC5	STAGE 3-A			SS3	SIGNING AND STRIPING PLAN
TC6	STAGE 4 & 5			SS4	STRIPING DETAILS
TC7	TPAR PLAN			SS5	SIGNING DETAILS
TC8	TTC/TRAP SIGN DETAILS			SS6	SIGN AND POST DATA TABLE

OWNER

NAME: CITY OF TUALATIN
10699 SW HERMAN ROAD
TUALATIN, OREGON 97062

PROJECT MANAGER
PHONE: (503) 691-3020
CONTACT: ABBY MCFETRIDGE

STREETS, SEWER, STORM
PHONE: (503) XXX-XXX
CONTACT: TBD

WATER:
PHONE: (503) 691-3095
CONTACT: TERRANCE LEAHY

SURVEY

NAME: OTAK, INC.
808 SW THIRD AVE, SUITE 800
PORTLAND, OREGON 97204
PHONE: (503) 287-6825
CONTACT: SUE TSOI, PLS

CIVIL ENGINEER

NAME: OTAK, INC.
808 SW THIRD AVE, SUITE 800
PORTLAND, OREGON 97204
PHONE: (503) 287-6825
CONTACT: KRISTEN BALLOU, PE

TRAFFIC ENGINEER

NAME: DKS ASSOCIATES, INC.
1050 SW 6TH AVE, SUITE 600
PORTLAND, OREGON 97204
PHONE: (503) 243-3500
CONTACT: BRIAN COPELAND, PE

GEOTECH

NAME: SHANNON & WILSON
3990 COLLINS WAY, SUITE 100
LAKE OSWEGO, OREGON 97035
PHONE: (503) 210-4777
CONTACT: STEPHEN MCLANDRICH, PE, GE

LANDSCAPE ARCHITECT

NAME: OTAK, INC.
808 SW THIRD AVE, SUITE 800
PORTLAND, OREGON 97204
PHONE: (503) 287-6825
CONTACT: GABRIEL KRUSE



Otak, Inc.
808 SW Third Avenue, Ste. 800
Portland, OR 97204
503. 287. 6825
www.otak.com

REGISTERED PROFESSIONAL ENGINEER
62938PE
OREGON
JULY 13, 2004
KRISTEN JEAN BALLOU

EXPIRES: 12/31/2025



65TH / BORLAND / SAGERT IMPROVEMENTS

COVER SHEET

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
DRAWN BY _____ CHECKED BY _____		
60 PERCENT SUBMITTAL STATUS		
11/21/2025 DATE		
21757 PROJECT NUMBER		
G01		
© 2025 OTAK, INC.		
If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.		



Exhibit A

S CONSTRUCTION CODE AND CONTRACT SPECIFICATIONS.

TECT THEM DURING CONSTRUCTION.

- THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE PER FIELD LOCATED UTILITY PAINT MARKS. REFERENCE MAPS MADE AVAILABLE BY THE VARIOUS UTILITY PROVIDERS, AND CITY OF TUALATIN GIS UNLESS INDICATED, THE DEPTHS OF UTILITY LINES ARE NOT AVAILABLE. VERIFY UTILITY LOCATIONS.
- CONFORM ALL CONSTRUCTION AND MATERIALS TO THE PLANS AND PROJECT SPECIFICATIONS. KEEP AND MAINTAIN A CURRENT SET OF DRAWINGS ON SITE. KEEP ACCURATE "AS-BUILT" RECORD COPY OF PLANS AND RETURN TO CITY AT COMPLETION OF PROJECT.
- NOTIFY THE CITY 48 HOURS BEFORE STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS EXCEPT FOR NORMAL RESUMPTION OF WORK FOLLOWING SATURDAYS, SUNDAYS, OR HOLIDAYS. NOTIFY THE CITY A MINIMUM OF 48 HOURS BEFORE ALL TESTING OR REQUIRED INSPECTION.
- OBTAIN APPROVAL FROM THE CITY FOR ALL ALTERATION OR VARIANCE FROM THESE PLANS, EXCEPT MINOR FIELD ADJUSTMENT NEEDED TO MEET EXISTING FIELD CONDITIONS. PRIOR TO BEGINNING WORK, SUBMIT ALL PROPOSED CHANGES ON CONSTRUCTION PLANS IN WRITING FOR APPROVAL BY THE CITY. DOCUMENT ALL CHANGES OR VARIANCES FROM THESE PLANS ON CONSTRUCTION FIELD PRINTS AND SUBMIT TO THE CITY.
- DISPOSE OF ALL REMOVED OR REPLACED MATERIAL AND EQUIPMENT IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- RESTORE ALL STRUCTURES, LANDSCAPING, SWALES, DITCHES, CURBS, FENCES, WALLS, MAILBOXES, SIGNS, POLES, GUY WIRES, PIPING, UTILITIES, AND ANYTHING ELSE DISTURBED DURING CONSTRUCTION TO EXISTING CONDITIONS OR BETTER UNLESS OTHERWISE SPECIFIED.
- OBTAIN CITY APPROVAL OF A TRAFFIC CONTROL PLAN AND IMPLEMENT ALL ELEMENTS OF THAT PLAN PRIOR TO START OF WORK. A COPY OF THE APPROVED TRAFFIC CONTROL PLAN SHALL BE PROVIDED TO THE ENGINEER AND AVAILABLE AT THE WORK SITE. THE CITY RESERVES THE RIGHT TO ADD TO OR MODIFY TRAFFIC CONTROL REQUIREMENTS AS MAY BE NECESSARY TO EFFECTIVELY CONTROL TRAFFIC AND TO ENSURE PUBLIC SAFETY.
- DEVELOP AND MAKE ALL DETAIL SURVEYS NECESSARY FOR LAYOUT AND CONSTRUCTION, INCLUDING EXACT COMPONENT LOCATION, WORKING POINTS, LINES AND ELEVATIONS. PRIOR TO CONSTRUCTION, THE FIELD LAYOUT SHALL BE REVIEWED WITH THE ENGINEER.
- MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES DURING CONSTRUCTION.
- STAGE DRIVEWAY CONSTRUCTION TO MAINTAIN ACCESS TO PROPERTIES AT ALL TIMES. COORDINATE WITH PROPERTY OWNERS AND RESIDENTS.
- COORDINATE WITH POST OFFICE TO MAINTAIN MAIL DELIVERY SERVICE DURING CONSTRUCTION.
- ALL WORK, EQUIPMENT, MATERIALS AND CONSTRUCTION ACTIVITIES SHALL REMAIN WITHIN THE RIGHT-OF-WAY UNLESS A RIGHT-OF-ENTRY HAS BEEN ACQUIRED FROM THE ADJACENT PROPERTY OWNER. FOR PROPERTIES WHERE A RIGHT-OF-ENTRY HAS BEEN ACQUIRED, ONLY CONSTRUCTION ACTIVITIES NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS ARE ALLOWED ON THAT PROPERTY. RIGHTS OF ENTRIES DO NOT PERMIT USE OF PRIVATE PARKING LOTS BY CONSTRUCTION RELATED VEHICLES OR EQUIPMENT OR FOR MATERIAL STAGING.
- INSTALL TWO CONSTRUCTION INFORMATION SIGNS PER SPECIFICATIONS. SIGN LOCATIONS TO BE DETERMINED PRIOR TO CONSTRUCTION AND APPROVED BY CITY.
- PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL CONDUCT A MEETING WITH UTILITY COMPANIES INCLUDING, BUT NOT LIMITED TO (NW NATURAL, PGE, ZIPLY, LUMEN, ZAYO, WAVE/ASTOUND, FATBEAM, AND CLACKAMAS COUNTY FIBER) REGARDING SCHEDULING RELOCATIONS OF EXISTING UTILITIES. COORDINATION WITH UTILITY COMPANIES FOR UTILITY RELOCATIONS IS THE RESPONSIBILITY OF THE CONTRACTOR. SEE SPECIFICATION 108.2.00.
- COORDINATE WITH TRIMET IF BUS SERVICE WILL BE IMPACTED BY CONSTRUCTION. ANY SERVICE DISRUPTION THAT REQUIRES BUSES TO DETOUR OR CLOSURE OR TEMPORARY RELOCATION OF A BUS STOP REQUIRES FIVE (5) FULL DAYS NOTICE PRIOR TO THE ANTICIPATED SERVICE DISRUPTION.

SURVEY CONTROL

BASIS OF BEARING: OREGON COORDINATE REFERENCE SYSTEM (OCRS), PORTLAND ZONE NAD83 2001 (2010).

FOR POINT CONTROL TABLE, SEE SHEETS G04.

BASIS OF ELEVATION: ELEVATIONS ARE NAVD88

CONTACT INFORMATION - UTILITIES, WASHINGTON COUNTY, TRANSIT

ELECTRIC: PGE RICK EISEBLATTER 503-612-6098 (OFFICE) 971-272-6110 (CELL) rick.eiseblatter@pgn.com	TELEPHONE: ZIPLY FIBER RUI WU 503-480-9982 rui.wu1@ziply.com	COMMUNICATIONS: FATBEAM, LLC. CHRISTINE GANOUNG 208-916-8054 christine.ganoung@fatbeam.com	COMMUNICATIONS: LUMEN JENNIFER GEERING PHONE jennifer.geering@lumen.com
GAS: NW NATURAL NAME PHONE NAME@nwnatural.com	CABLE: COMCAST MATT BRAVO 503-351-9311 matthew_bravo@comcast.com	COMMUNICATIONS: CLACKAMAS COUNTY FIBER DUKE DEXTER 503-655-8322 ddexter@co.clackamas.cor.us	COMMUNICATIONS: ZAYO GROUP IAN REED (K&B TECHNICAL SOLUTIONS) XX-XX-XX ian.reed@kbtechnicalsolutions.onmicrosoft.com
TRAFFIC SIGNAL: WASHINGTON COUNTY KEVIN ELLINGTON 503-846-7959 kevin_ellington@co.washington.or.us JOHN FASANA 503-846-7948 john_fasana@co.washington.or.us	TRIMET: TRIMET FIELD OPERATIONS FOC@trimet.org	STREET LIGHTING: PGE NAME PHONE NAME@pgn.com	

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 1-800-332-2344 (OR 811). CONTRACTOR MUST NOTIFY THE CENTER AT LEAST TWO WORKING DAYS BEFORE, BUT NOT MORE THAN TEN DAYS BEFORE, COMMENCING EXCAVATION.



GENERAL NOTES FOR EROSION CONTROL

- PROVIDE EROSION CONTROL PER CITY OF TUALATIN AND CLEAN WATER SERVICES STANDARDS. INSTALL EROSION CONTROL PRIOR TO BEGINNING ANY DEMOLITION OR EXCAVATION.
- MAINTAIN EROSION CONTROL AS REQUIRED FOR THE DURATION OF THE PROJECT AND REMOVE AT COMPLETION.
- EROSION CONTROL SHOWN ON SHEETS EC01 THRU EC03 ARE CONSIDERED MINIMUM MEASURES. ADDITIONAL EROSION CONTROL MEASURES MAY BE NEEDED BASED ON SITE CONDITIONS.

TREE PRESERVATION AND PROTECTION NOTES

- COMPLY WITH CITY OF TUALATIN STANDARD SPECIFICATION 319. TREE PRESERVATION AND PROTECTION.
- PROTECT ALL TREES UNLESS OTHERWISE NOTED.
- WHENEVER A TREE NOT SCHEDULED TO BE REMOVED MUST BE TRIMMED OR PRUNED, THE CONTRACTOR SHALL ENSURE THAT SUCH TRIMMING AND PRUNING IS CARRIED OUT UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST. THE CERTIFIED ARBORIST SHALL BE PROVIDED BY THE CONTRACTOR UNDER THE TREE PRESERVATION AND PROTECTION BID ITEM. ALL PRUNING AND TRIMMING SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF ANSI A300: TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE. PRUNING SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST GOVERNMENTAL SAFETY REGULATIONS. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ANSI Z133.1: ARBORICULTURAL OPERATIONS- SAFETY REQUIREMENTS, FOR PRUNING, TRIMMING, REPAIRING, MAINTAINING AND REMOVING TREES AND CUTTING BRUSH SAFETY REQUIREMENTS, WITH SPECIAL EMPHASIS GIVEN TO THE REQUIREMENT THAT ONLY QUALIFIED LINE CLEARANCE TREE TRIMMERS ARE ASSIGNED TO WORK WHERE A POTENTIAL ELECTRICAL HAZARD EXISTS.
- ANY MATERIAL RESULTING FROM THE TRIMMING OR REMOVAL OF ANY TREES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF.
- IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER TREE PROTECTION AREA, A ROADBED OF STEEL PLATES, OR 12 INCHES OF MULCH, OR 12 INCHES OF GRAVEL SHALL BE PLACED TO PREVENT SOIL COMPACTION IF DETERMINED NECESSARY BY THE PROJECT ARBORIST. THE ROADBED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN 6-INCH DEPTH.
- CUT BRANCHES OR ROOTS WITH SHARP PRUNING INSTRUMENTS THAT DO NOT CHOP OR TEAR.
- FENCING SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO CLEARING, GRADING, EXCAVATION, OR DEMOLITION WORK, AND SHALL BE REMOVED ONLY AFTER THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES INCLUDING LANDSCAPING AND IRRIGATION.
- TREE PROTECTION FENCING SHALL BE FLUSH WITH THE INITIAL UNDISTURBED GRADE.
- EXCAVATION WITHIN TREE ROOT ZONES SHALL BE CARRIED OUT UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST. THE CERTIFIED ARBORIST SHALL BE PROVIDED BY THE CONTRACTOR UNDER THE TREE PRESERVATION AND PROTECTION BID ITEM. ALSO REFER TO SECTIONS 319.3.02 AND 319.3.03 OF THE CITY OF TUALATIN STANDARD SPECIFICATIONS.
- DO NOT CUT ANY ROOTS LARGER THAN 2-INCH DIAMETER UNLESS APPROVED BY THE CERTIFIED ARBORIST.

EXISTING TOPOGRAPHIC LEGEND

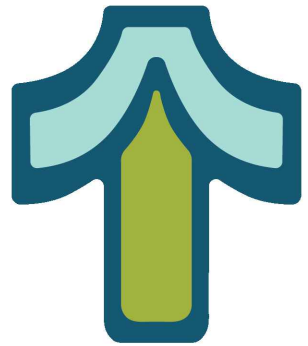
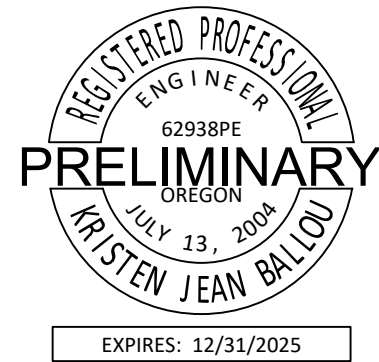
SS	SS	SANITARY LINE	SIGN		APPROXIMATE MANHOLE SIZE/LOCATION
SD	SD	STORM LINE	MAILBOX		
G	G	GAS LINE			CATCH BASIN
OHL	OHL	OVERHEAD UTILITY LINE			CURB INLET
P	P	UNDERGROUND UTILITY LINE	DECIDUOUS TREE		WATER VALVE
W	W	WATER LINE			FIRE HYDRANT
COM	COM	COMMUNICATION LINE			WATER METER
		UNDERGROUND TRAFFIC LINE	EVERGREEN TREE		ELECTRIC METER
X	X	FENCE (AS NOTED)			COMMUNICATION RISER
		CURB AND GUTTER			ELECTRIC SUBSURFACE JUNCTION BOX
		CONTOURS (MAJOR)	SURVEY CONTROL		GAS VALVE
		CONTOURS (MINOR)	SURVEY MONUMENT		UTILITY POLE
		RAMP	SANITARY MANHOLE		GUY ANCHOR
		ROW	STORM MANHOLE		STREET LIGHT POLE
		PROPERTY LINE	DRYWELL		LINE CONTINUES
			COMMUNICATION MANHOLE		MAILBOX
			TRAFFIC SIGNAL LOOP		

ABBREVIATIONS

AC	ASPHALT CONCRETE	IE	INVERT ELEVATION	SSCO	SANITARY SEWER CLEANOUT
AP	ANGLE POINT	MAX	MAXIMUM	SSMH	SANITARY SEWER MANHOLE
APPROX.	APPROXIMATE	MH	MANHOLE	STA	STATION
BP	BEGINNING POINT	MIN	MINIMUM	STD	STANDARD
BC	BEGIN CURVE	NO.	NUMBER	STR	STREET
CL	CENTERLINE	P.C.	PORTLAND CEMENT	SVC	SERVICE
CONC	CONCRETE	PC	POINT OF CURVATURE	SDWK	SIDEWALK
CWS	CLEAN WATER SERVICES	PCC	POINT OF COMPOUND CURVATURE	TCE	TEMPORARY CONSTRUCTION EASEMENT
DWG	DRAWING	PI	POINT OF INTERSECTION	TYP.	TYPICAL
EC	END CURVE	PROP.	PROPOSED		
EG	EXISTING GRADE	PT	POINT OF TANGENCY		
EP	END POINT	PVC	POLYVINYL CHLORIDE		
EXTG.	EXISTING	PVI	POINT OF VERTICAL INTERSECTION		
FT	FOOT (')	R	RADIUS		
FG	FINISHED GRADE	ROW	RIGHT OF WAY		
LF	LINEAR FOOT	SS	SANITARY SEWER		



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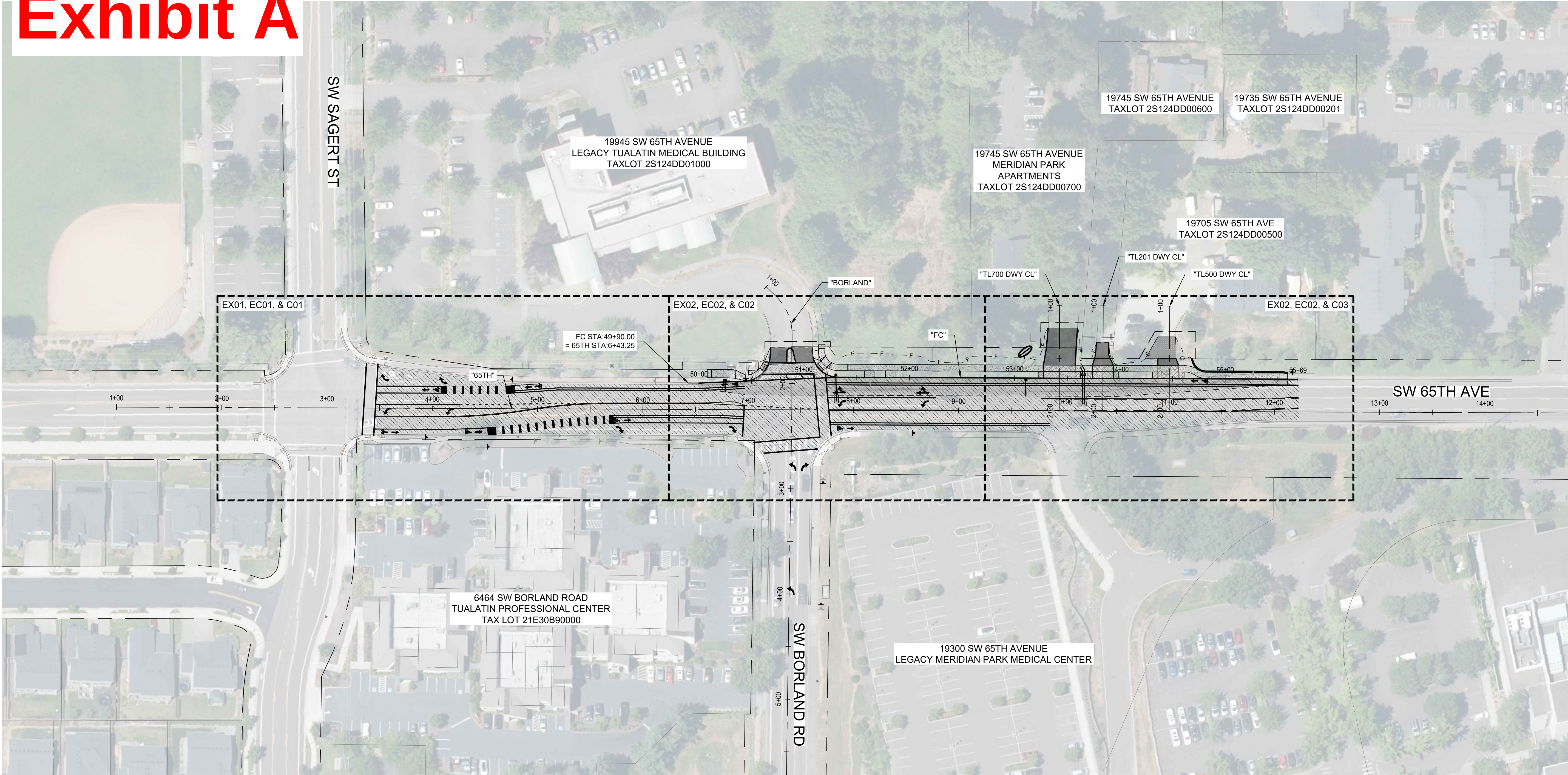


65TH / BORLAND / SAGERT IMPROVEMENTS

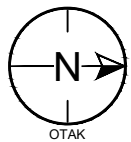
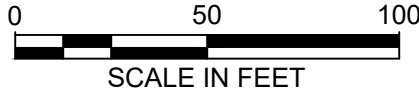
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REVISIONS			
DATE			
DRAWN BY		CHECKED BY	
60 PERCENT SUBMITTAL STATUS			
11/21/2025 DATE			
21757 PROJECT NUMBER			
G02			
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Exhibit A



PLAN
SCALE: 1" = 50'-0"



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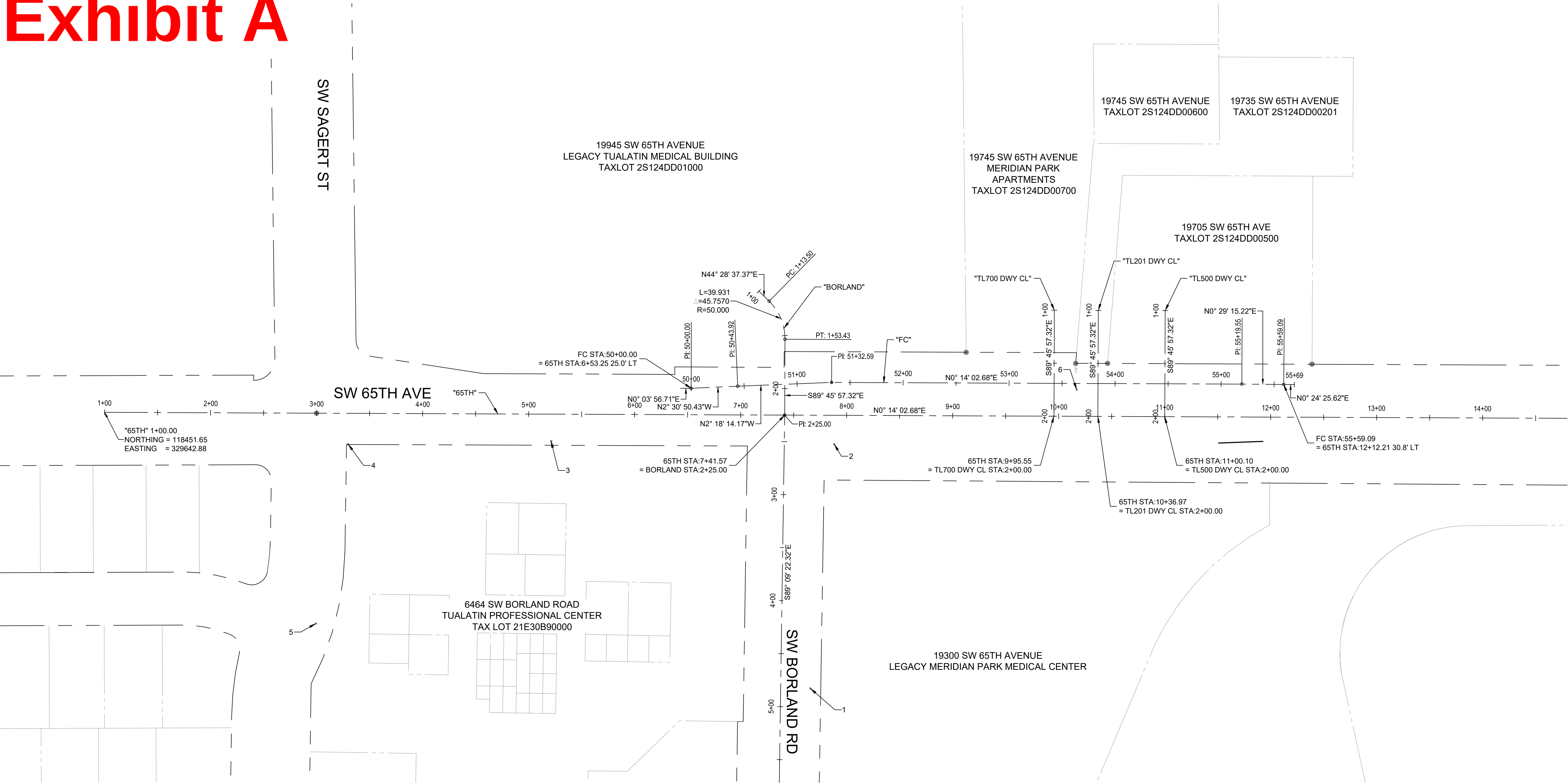


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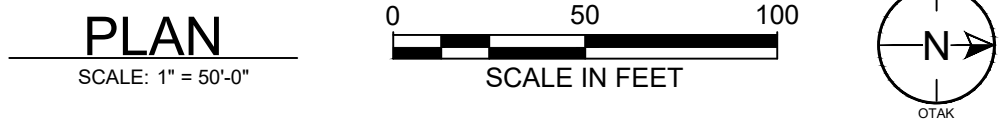
GENERAL
KEY PLAN

TITLE		
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DATUM		
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Exhibit A



SURVEY CONTROL			
POINT #	NORTHING	EASTING	ELEVATION
1	119117.46	329903.32	215.64
2	119139.95	329672.96	222.36
3	118872.78	329669.95	228.48
4	118681.44	329672.90	223.66
5	118650.84	329842.13	222.48
6	119368.59	329621.37	211.71



- GENERAL NOTES:
- PRESERVE AND PROTECT ALL CENTERLINE AND PROPERTY CORNER SURVEY MONUMENTS.

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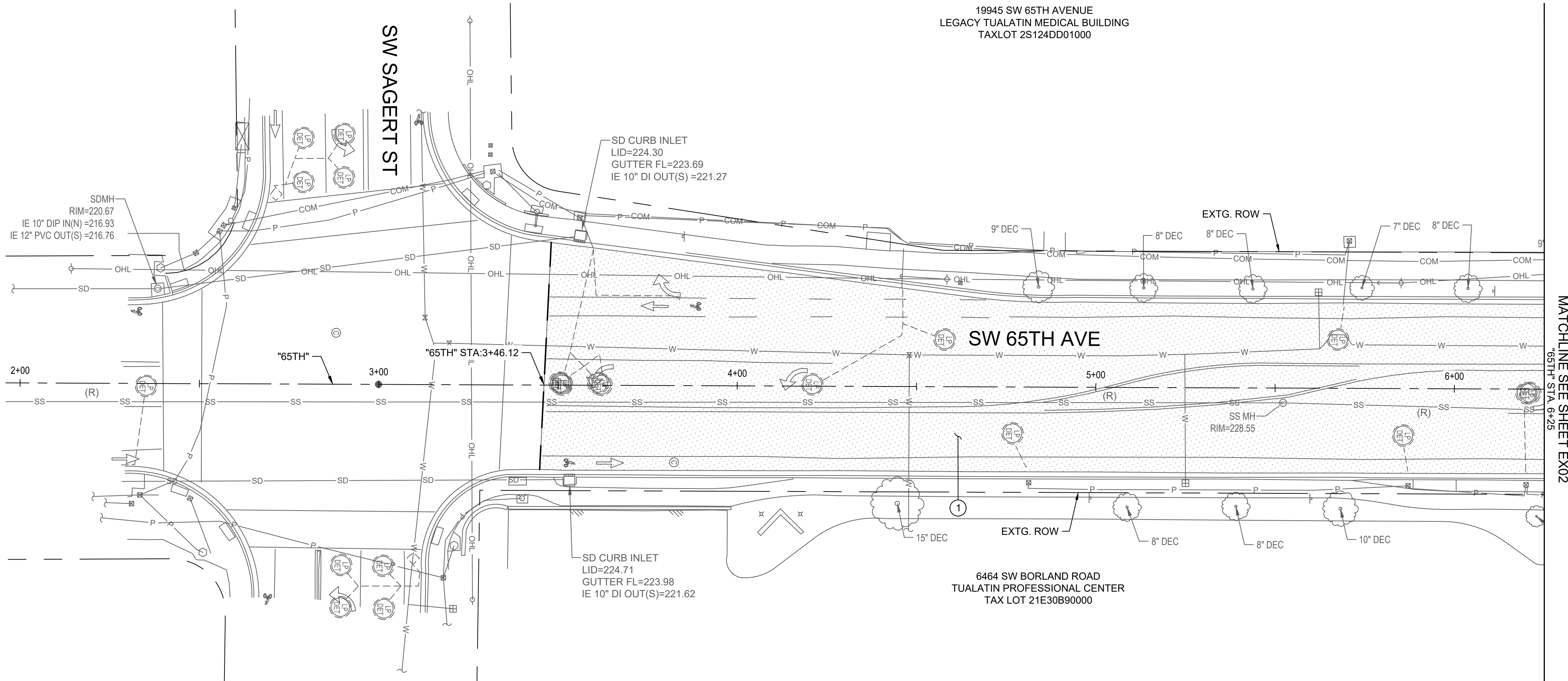
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GENERAL

HORIZONTAL CONTROL

TITLE		
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REVISIONS		
DATUM		
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Exhibit A



- GENERAL NOTES:
- SEE SHEET G02 FOR PROJECT COORDINATES AND ELEVATIONS.
 - SEE SHEET G04 FOR SURVEY CONTROL POINT DATA.
 - UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING CURB, SIDEWALK, SURFACE FEATURES, AND UNDERGROUND UTILITIES.
 - SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF SIGNAL POLE, JUNCTION BOXES, AND DETECTION LOOPS.
 - SEE SIGNING AND STRIPING PLANS FOR REMOVAL OF EXISTING SIGNS.

- KEYNOTES - DEMOLITION:
- ① COLD PLANE PAVEMENT REMOVAL, X" DEPTH.

LEGEND

COLD PLANE PAVEMENT REMOVAL (X" DEPTH)

LIMITS OF COLD PLANE PAVEMENT REMOVAL

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PRELIMINARY
OREGON
JULY 13, 2008
KRISTEN JEAN BALLOU
EXPIRES: 12/31/2025

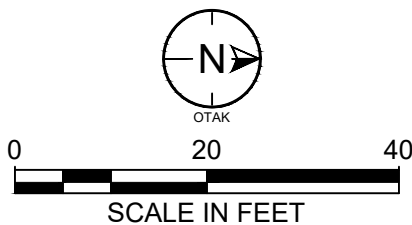
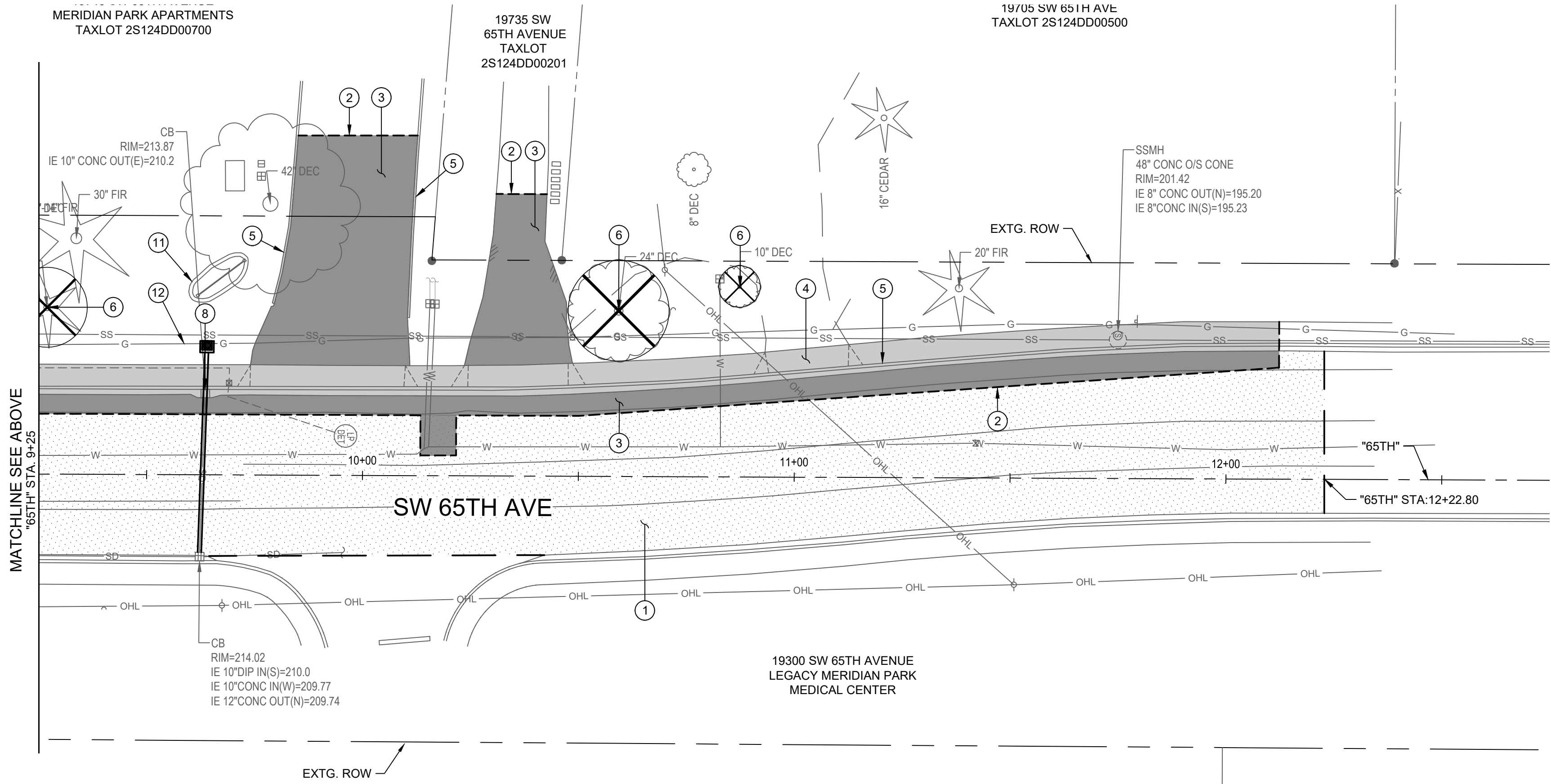
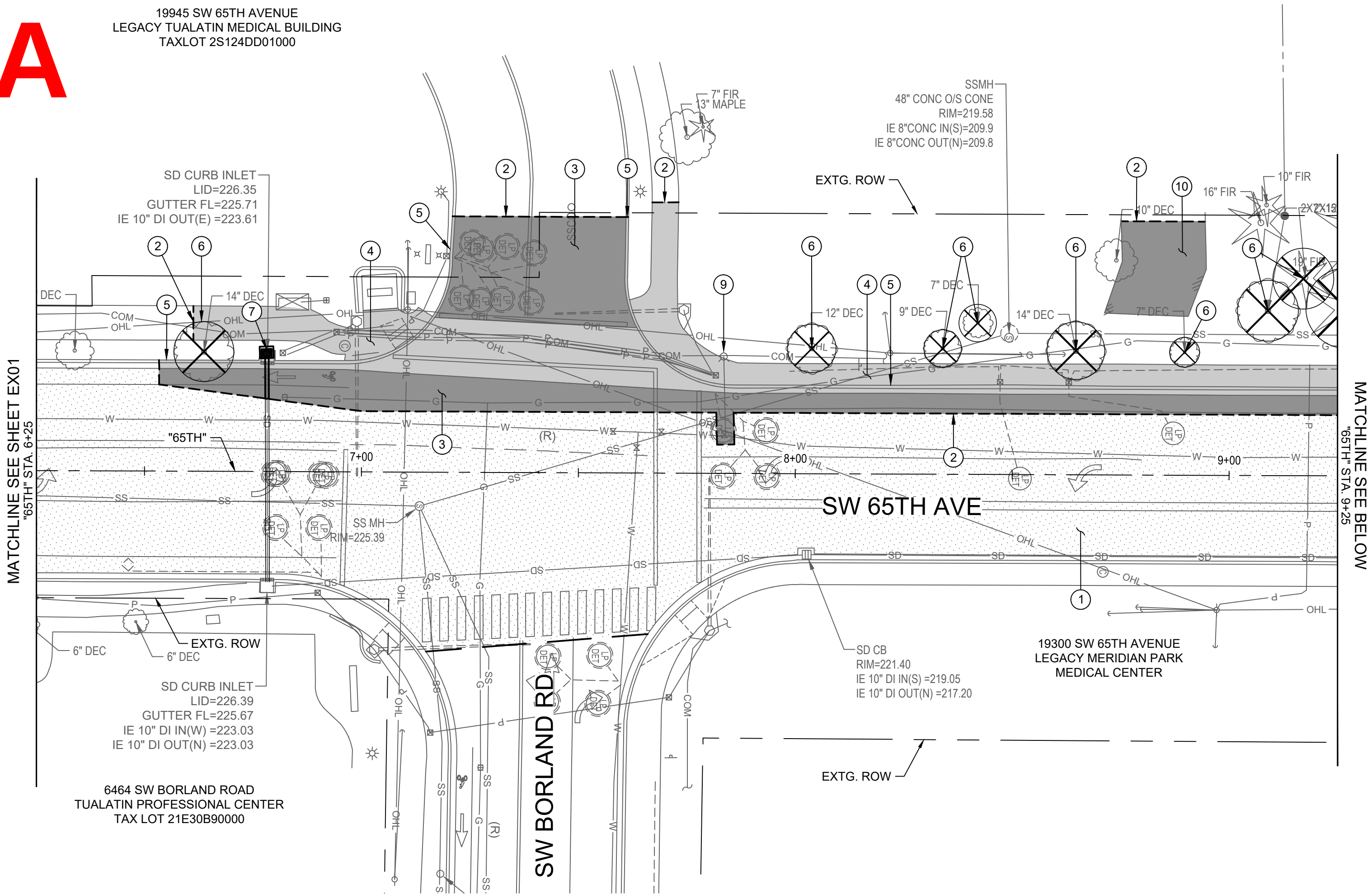


65TH / BORLAND / SAGERT IMPROVEMENTS
EXISTING CONDITIONS AND DEMOLITION PLAN
STA. 3+00 TO STA. 6+25

TITLE		
#	DATE	DESCRIPTION
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Exhibit A

19945 SW 65TH AVENUE
LEGACY TUALATIN MEDICAL BUILDING
TAXLOT 2S124DD01000



GENERAL NOTES:

- SEE SHEET G02 FOR PROJECT COORDINATES AND ELEVATIONS.
- SEE SHEET G04 FOR SURVEY CONTROL POINT DATA.
- UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING CURB, SIDEWALK, SURFACE FEATURES, AND UNDERGROUND UTILITIES.
- SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF SIGNAL POLE, JUNCTION BOXES, AND DETECTION LOOPS.
- SEE SIGNING AND STRIPING PLANS FOR REMOVAL OF EXISTING SIGNS

KEYNOTES - DEMOLITION:

- COLD PLANE PAVEMENT REMOVAL, X" DEPTH.
- SAWCUT EXISTING ASPHALT PAVEMENT, CONCRETE SIDEWALK, CURB, AND/OR CURB AND GUTTER. SAWCUT CONCRETE AT NEAREST JOINT.
- REMOVE EXISTING ASPHALT PAVEMENT.
- REMOVE EXISTING CONCRETE SIDEWALK AND DRIVEWAYS.
- REMOVE EXISTING CURB AND/OR CURB AND GUTTER
- REMOVE EXISTING TREE OR SHRUB.
- REMOVE EXISTING CURB INLET.
- REMOVE EXISTING CATCH BASIN.
- REMOVE EXISTING FIRE HYDRANT. HYDRANT VALVE TO REMAIN. SEE SHEET C02 FOR REPLACEMENT.
- REMOVE EXISTING ASPHALT PAD.
- REMOVE AND SALVAGE EXISTING "MERIDIAN PARK APARTMENTS" SIGN. SEE SHEET C02 FOR RELOCATION.
- RELOCATE EXISTING GAS AROUND PROP. CATCH BASIN, BY OTHERS.

LEGEND

- COLD PLANE PAVEMENT REMOVAL (X" DEPTH)
- REMOVE EXISTING ASPHALT PAVEMENT
- REMOVE EXISTING CONCRETE
- LIMITS OF COLD PLANE PAVEMENT REMOVAL
- SAWCUT LINE
- REMOVE EXISTING TREE OR SHRUB

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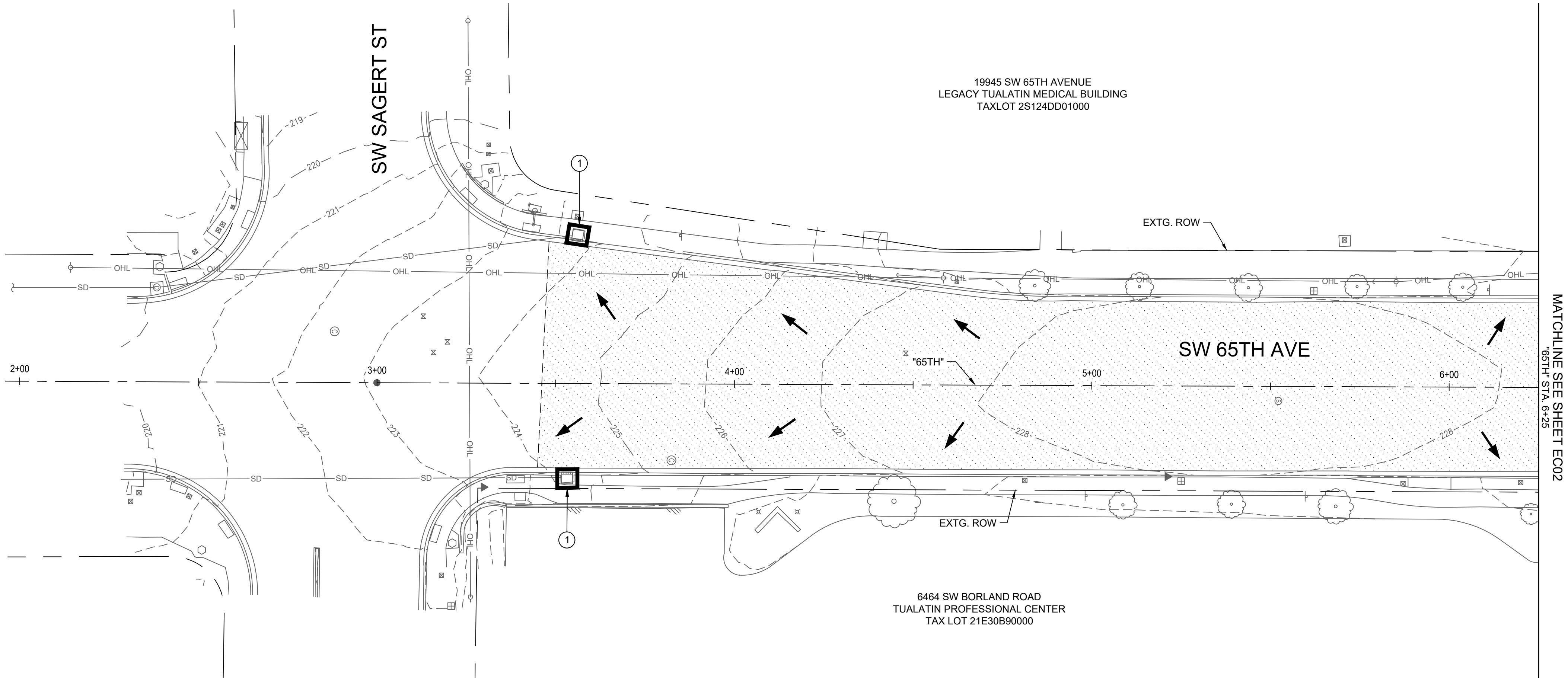
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62938PE
JULY 13, 2009
KRISTEN JEAN BALLOU
PRELIMINARY
EXPIRES: 12/31/2025



65TH / BORLAND / SAGERT IMPROVEMENTS
EXISTING CONDITIONS AND DEMOLITION PLAN
STA. 6+25 TO STA. 12+50

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
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Exhibit A



- GENERAL NOTES:
1. PROVIDE ADDITIONAL INLET PROTECTION AT DOWNSTREAM INLETS ON 65TH, BORLAND, AND SAGERT (NOT SHOWN ON PLANS).
 2. PROVIDE AN ECO-PAN OR EQUIVALENT FOR CONCRETE WASH-OUT. LOCATION SHALL BE APPROVED BY ENGINEER.

KEYNOTES - EROSION CONTROL:

① INSTALL CURB AND GUTTER INLET PROTECTION PER CWS DWG. NO. 905.

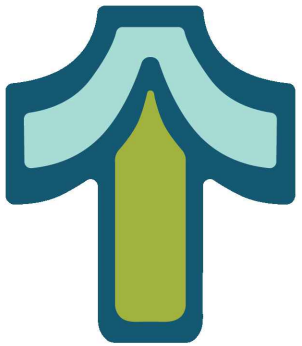
LEGEND

	MATting TYPE C
	LIMITS OF CUT
	LIMITS OF FILL
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	INLET PROTECTION
	SEDIMENT FENCE
	TREE PROTECTION FENCING
	FLOW ARROW
	EXISTING TREE OR SHRUB REMOVAL

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OREGON
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KRISTEN JEAN BALLOU
EXPIRES: 12/31/2025



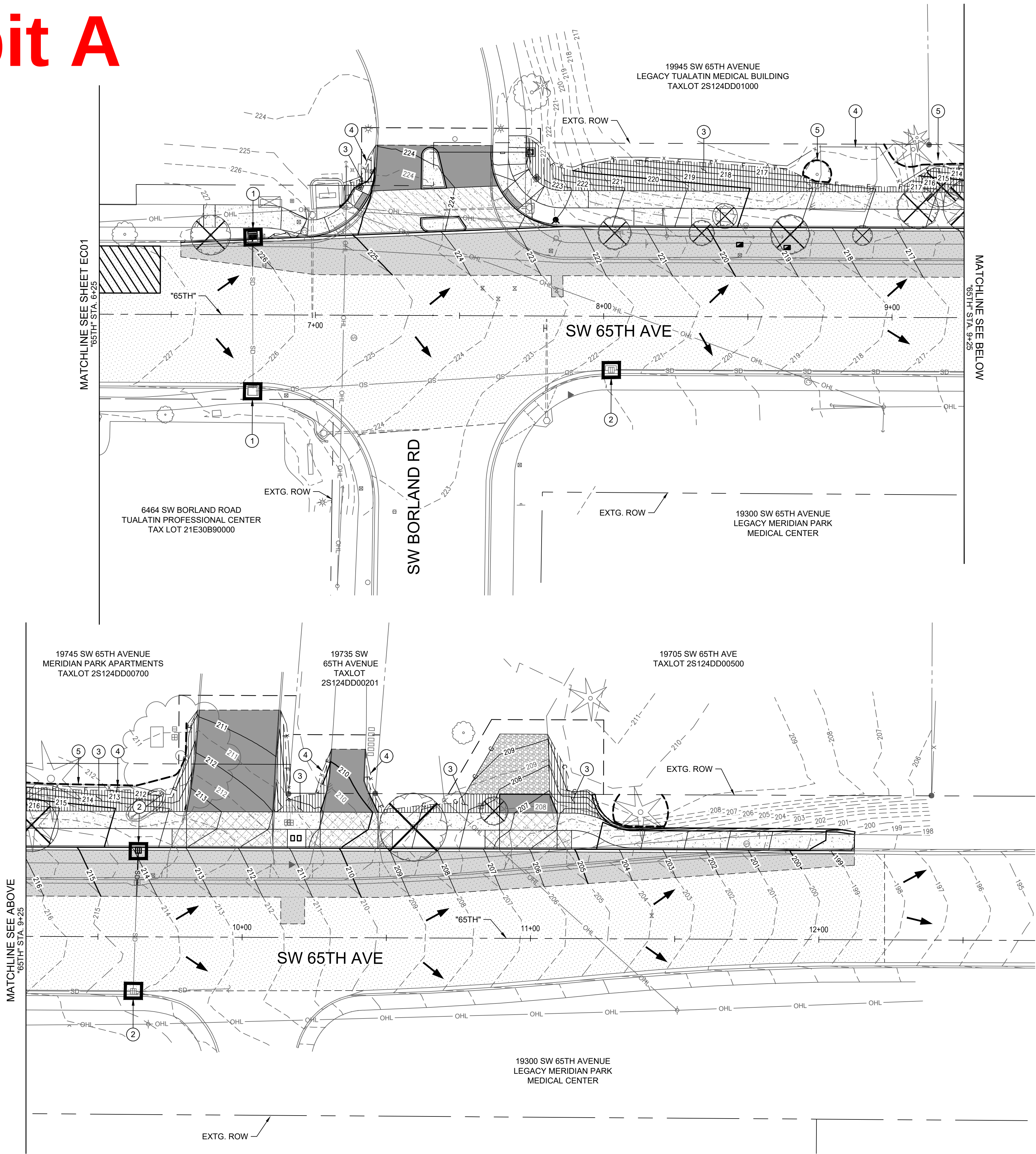
65TH / BORLAND / SAGERT IMPROVEMENTS

EROSION CONTROL

STA. 3+00 TO STA. 6+25

TITLE		
#	DATE	DESCRIPTION
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Exhibit A



GENERAL NOTES:

1. PROVIDE ADDITIONAL INLET PROTECTION AT DOWNSTREAM INLETS ON 65TH, BORLAND, AND SAGERT (NOT SHOWN ON PLANS).
2. PROVIDE AN ECO-PAN OR EQUIVALENT FOR CONCRETE WASH-OUT. LOCATION SHALL BE APPROVED BY ENGINEER.

KEYNOTES - EROSION CONTROL:

1. INSTALL CURB AND GUTTER INLET PROTECTION PER CWS DWG. NO. 905.
2. INSTALL INLET PROTECTION TYPE 4 PER CWS DWG. NO. 915.
3. INSTALL SLOPE MATTING (TYPE C) PER CWS DWG. NO. 805.
4. INSTALL SEDIMENT FENCE PER CWS DWG. NO. 875.
5. INSTALL TREE PROTECTION FENCING PER DETAIL ON SHEET XX

LEGEND

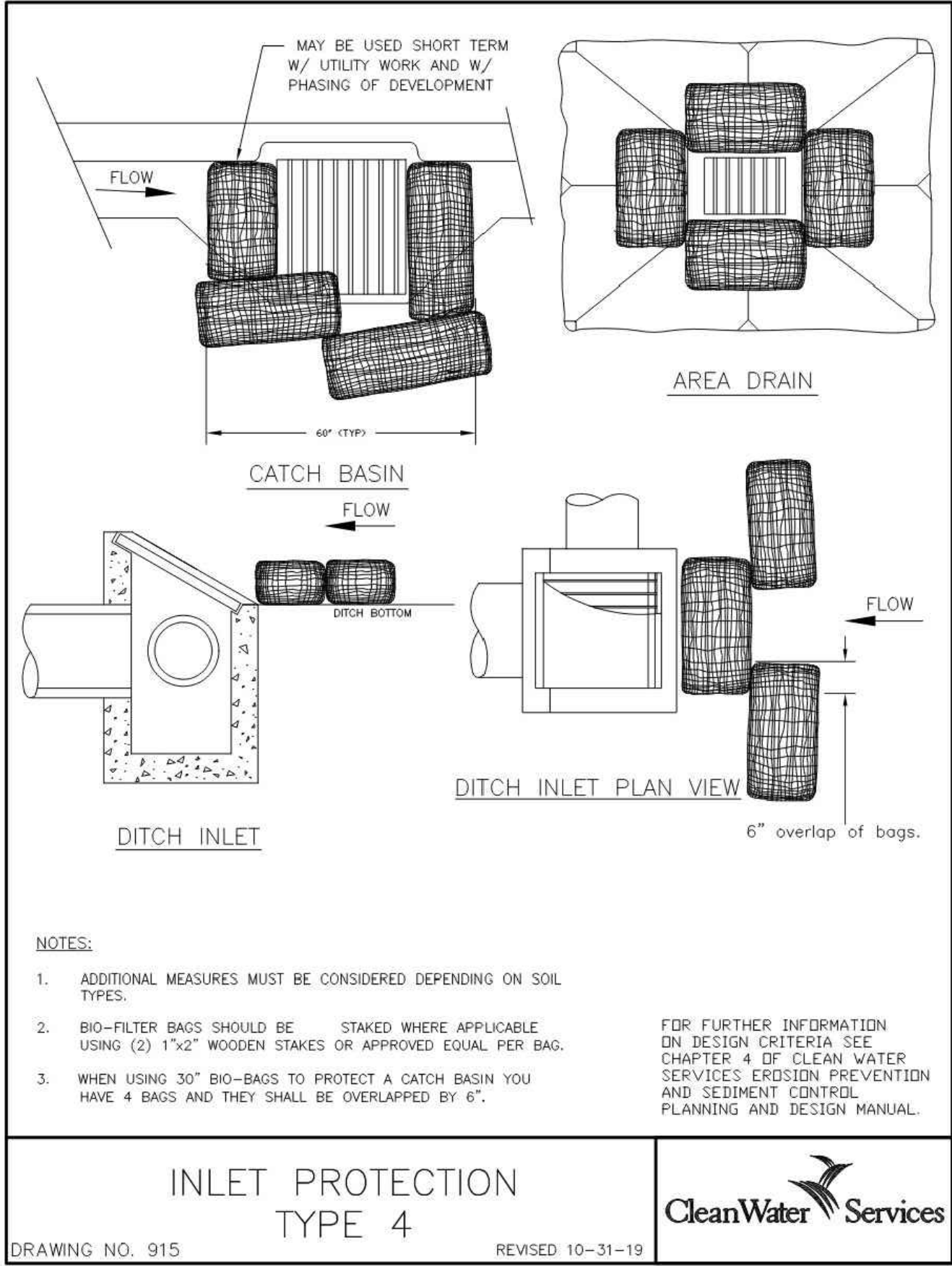
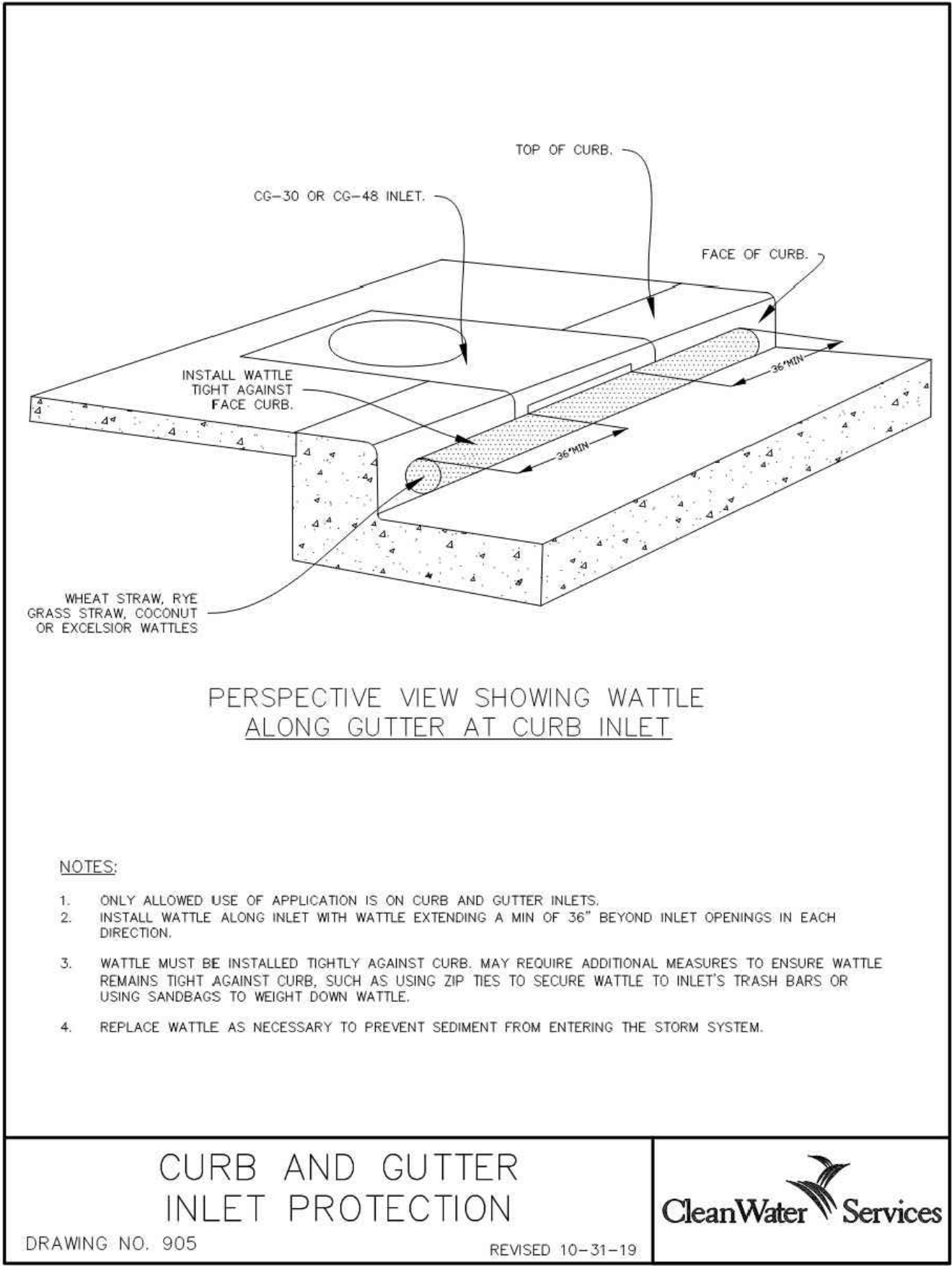
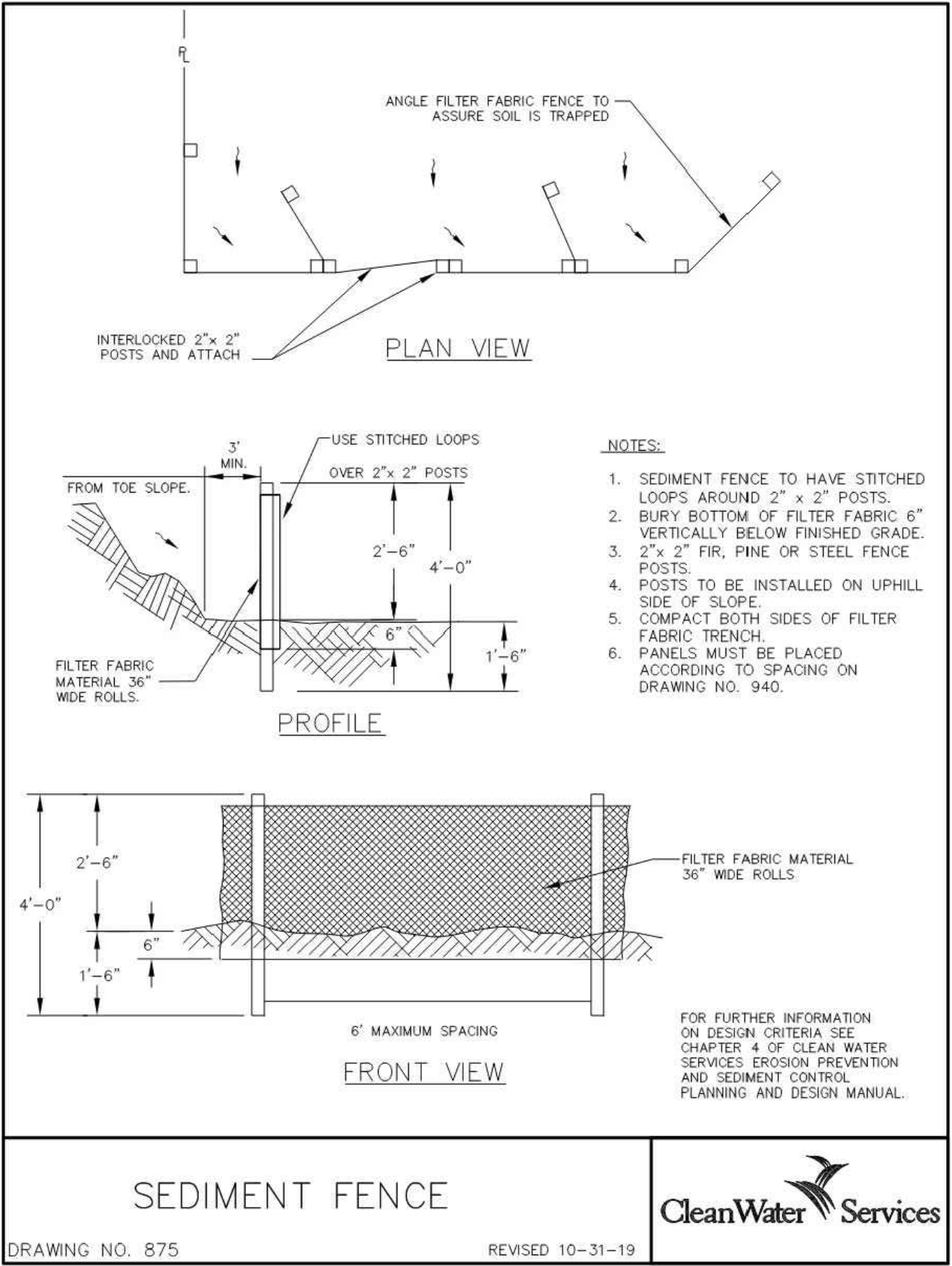
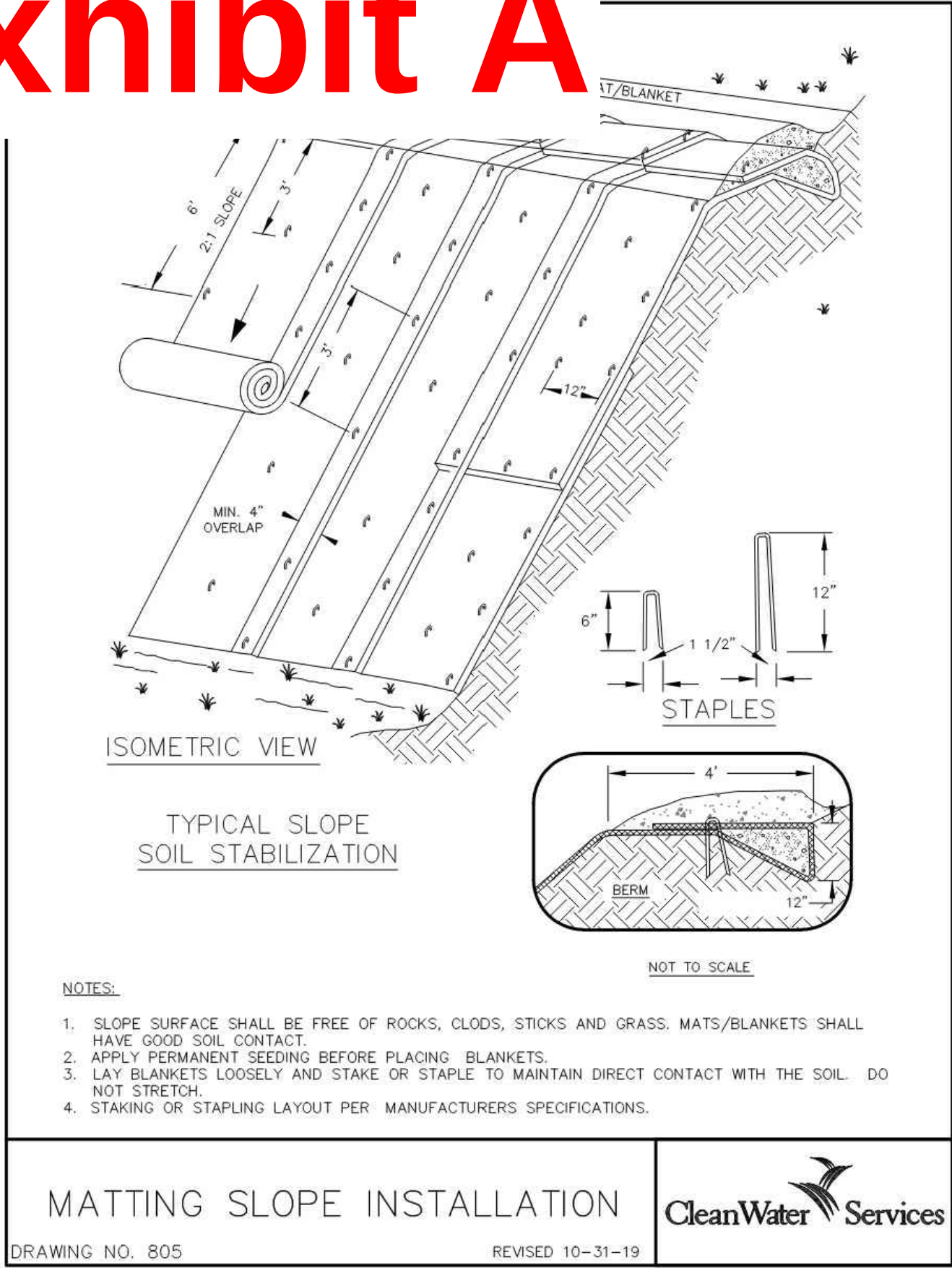
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- LIMITS OF CUT
- LIMITS OF FILL
- EXISTING MAJOR CONTOURS
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- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- INLET PROTECTION
- SEDIMENT FENCE
- TREE PROTECTION FENCING
- FLOW ARROW
- EXISTING TREE OR SHRUB REMOVAL

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65TH / BORLAND / SAGERT IMPROVEMENTS
EROSION CONTROL
STA. 6+25 TO STA. 12+50

TITLE		
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EXPIRES: 12/31/2025

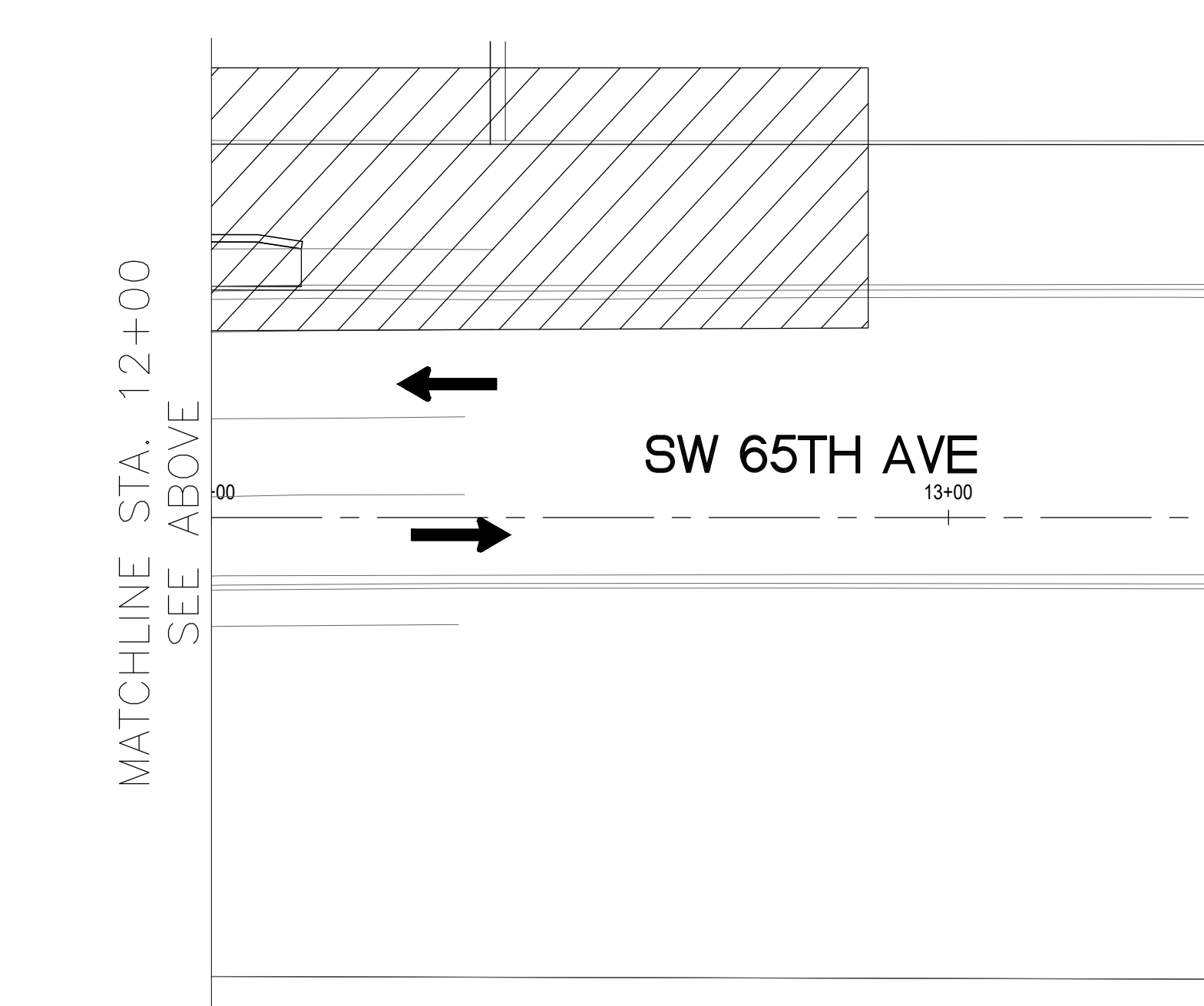
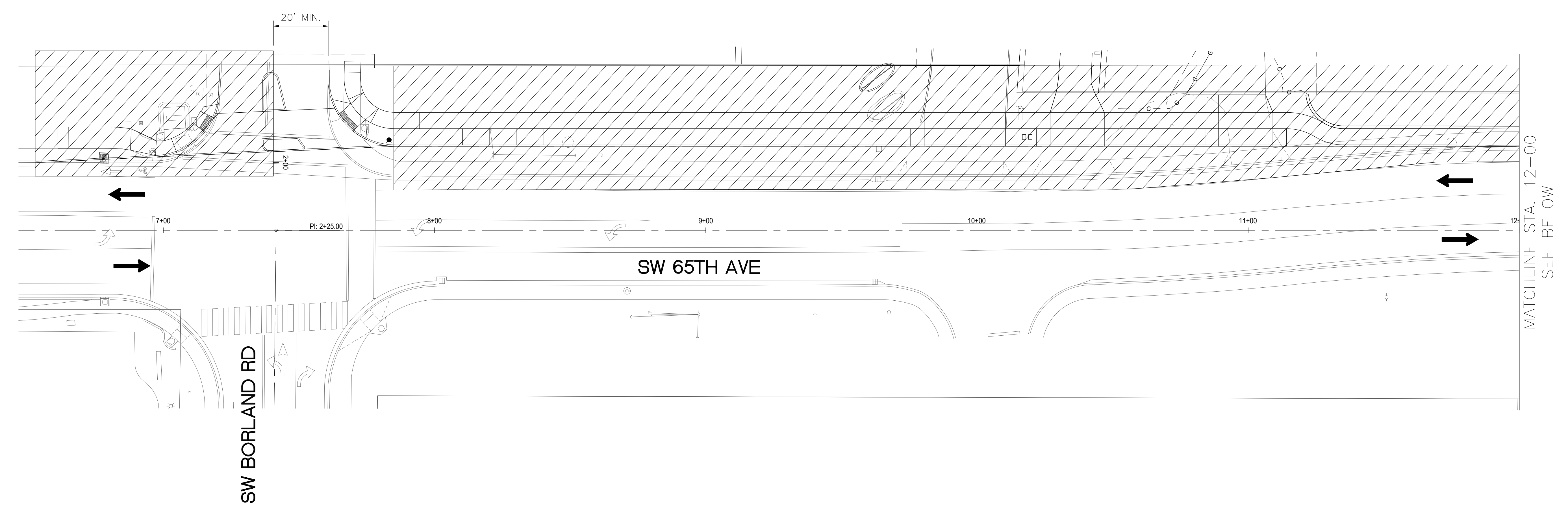
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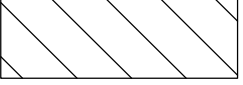
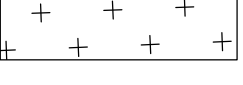
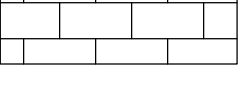
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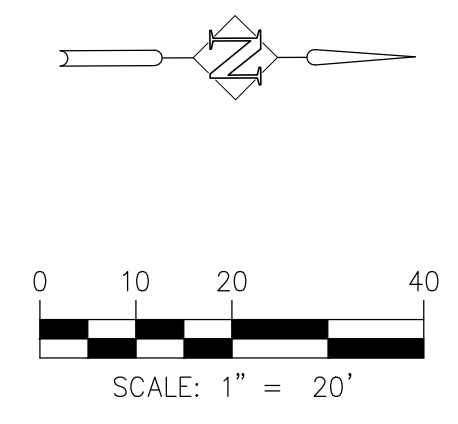
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Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 1



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



DKS

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Portland, Oregon 97204
www.dksassociates.com

REGISTERED PROFESSIONAL
ENGINEER
18,503
ECON
10, 1998
ADVANCED
K. COPELAND
EXPIRES: DEC. 31, 2025


City of Tualatin


MOVING FORWARD
TRAFFIC FLOW - NEIGHBORHOOD SAFETY

65TH / BORLAND / SAGERT IMPROVEMENTS

TEMPORARY TRAFFIC CONTROL STAGING PLAN

TITLE

DATE DESCRIPTION

REVISIONS

DATUM

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60 PERCENT QA/QC
STATUS

11/10/2025
DATE

21757
PROJECT NUMBER

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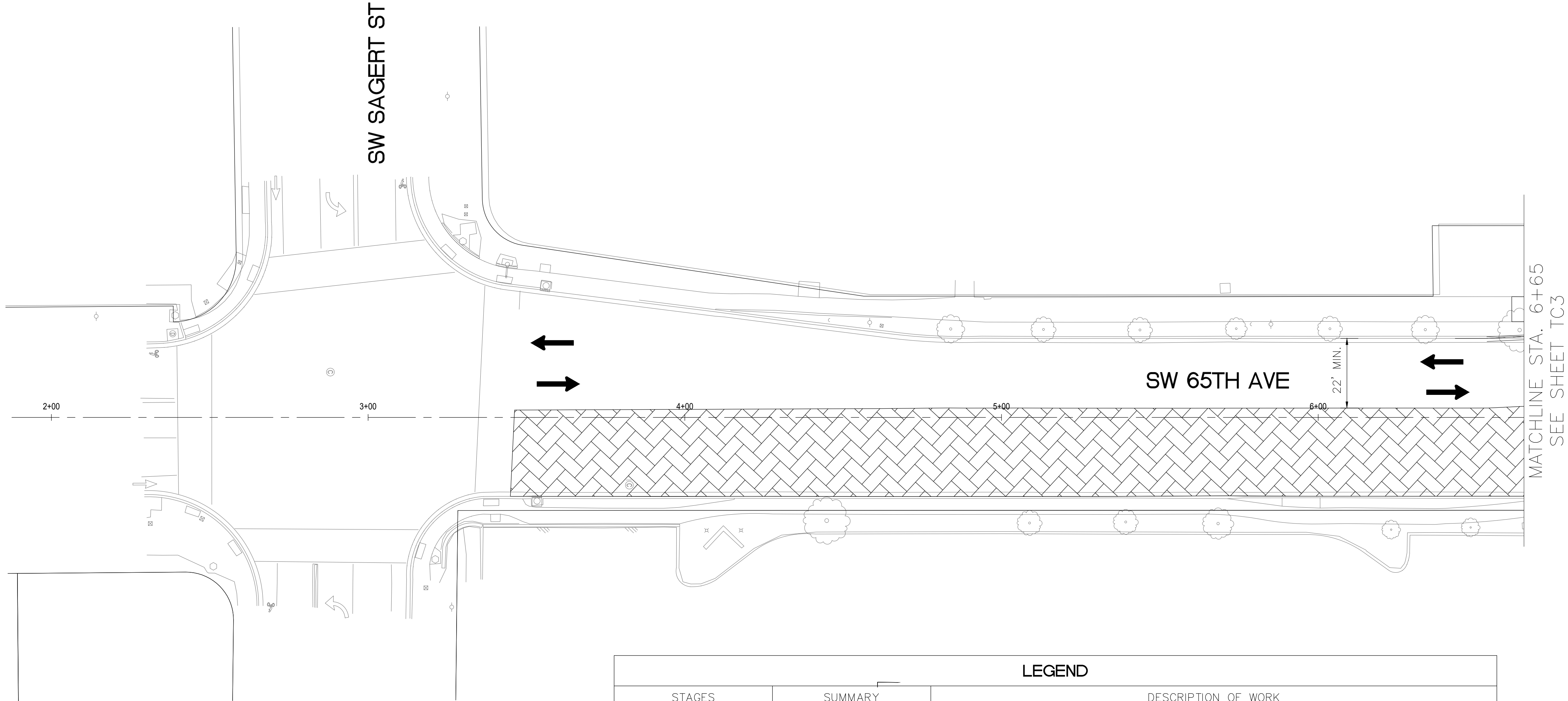
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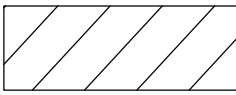
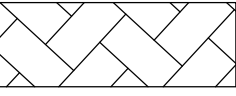
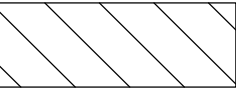
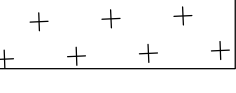
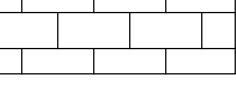
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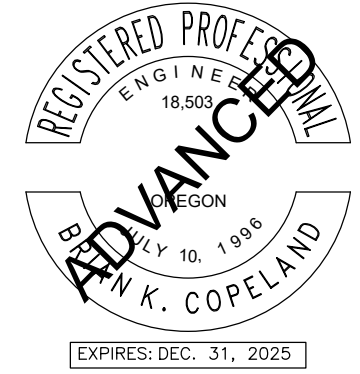
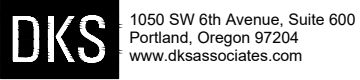
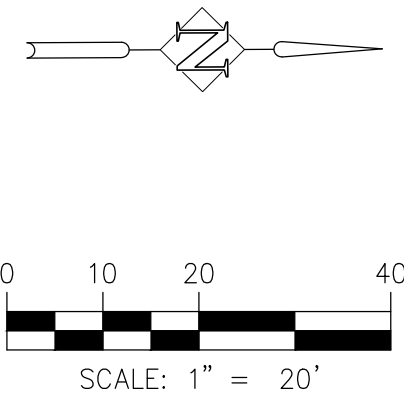
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Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 2



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



65TH / BORLAND / SAGERT IMPROVEMENTS

TEMPORARY TRAFFIC CONTROL STAGING PLAN

TITLE

#DATEDESCRIPTION

REVISIONS

DATUM

PCB ALCDRAWN BY CHECKED BY

60 PERCENT QA/QC STATUS

11/10/2025 DATE

21757 PROJECT NUMBER

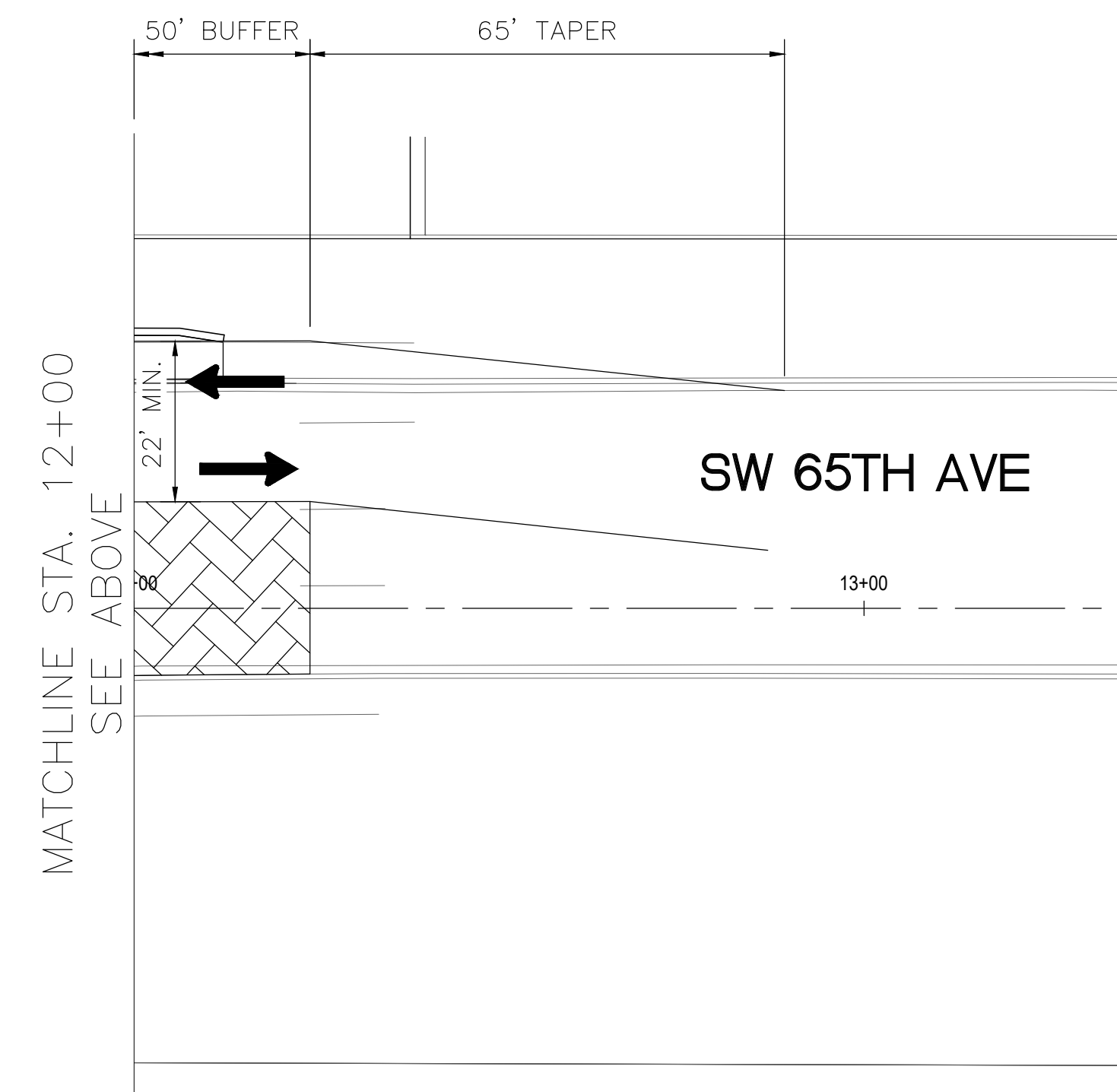
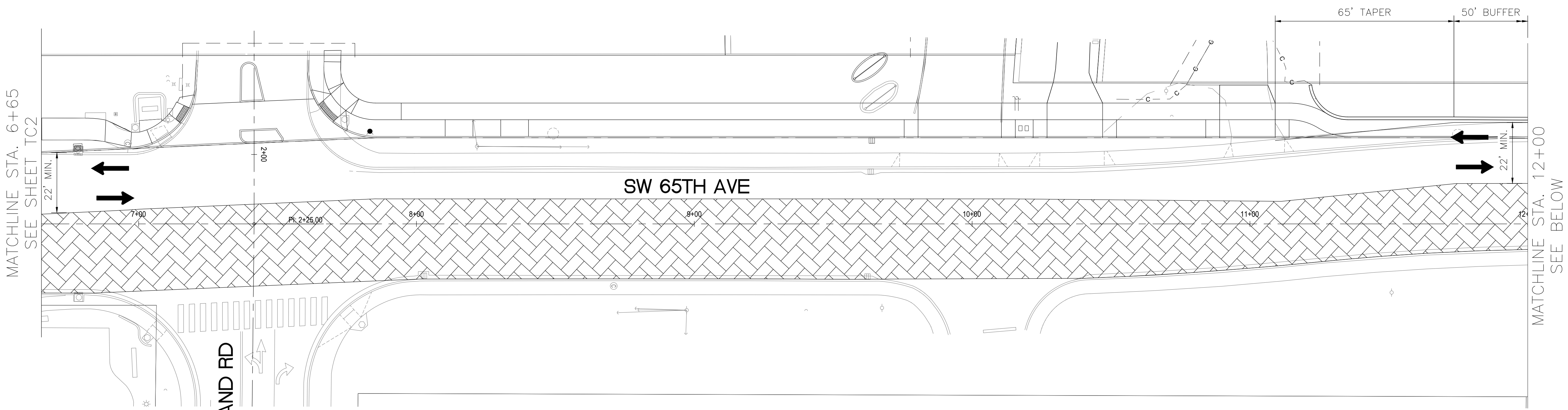
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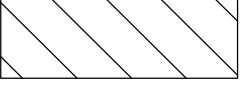
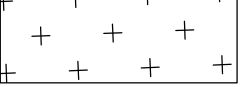
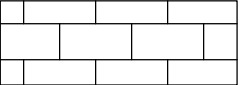
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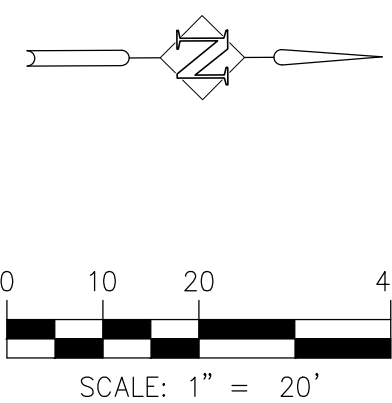
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Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 2



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



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REGISTERED PROFESSIONAL ENGINEER
18,503
PE No. 10, 1998
K. COPELAND
EXPIRES: DEC. 31, 2025



City of Tualatin



Tualatin
MOVING FORWARD
TRAFFIC FLOW - NEIGHBORHOOD SAFETY

65TH / BORLAND / SAGERT IMPROVEMENTS

TEMPORARY TRAFFIC CONTROL STAGING PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

DATUM

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ALC CHECKED BY:

60 PERCENT QA/QC STATUS

11/10/2025 DATE

21757 PROJECT NUMBER

TC3

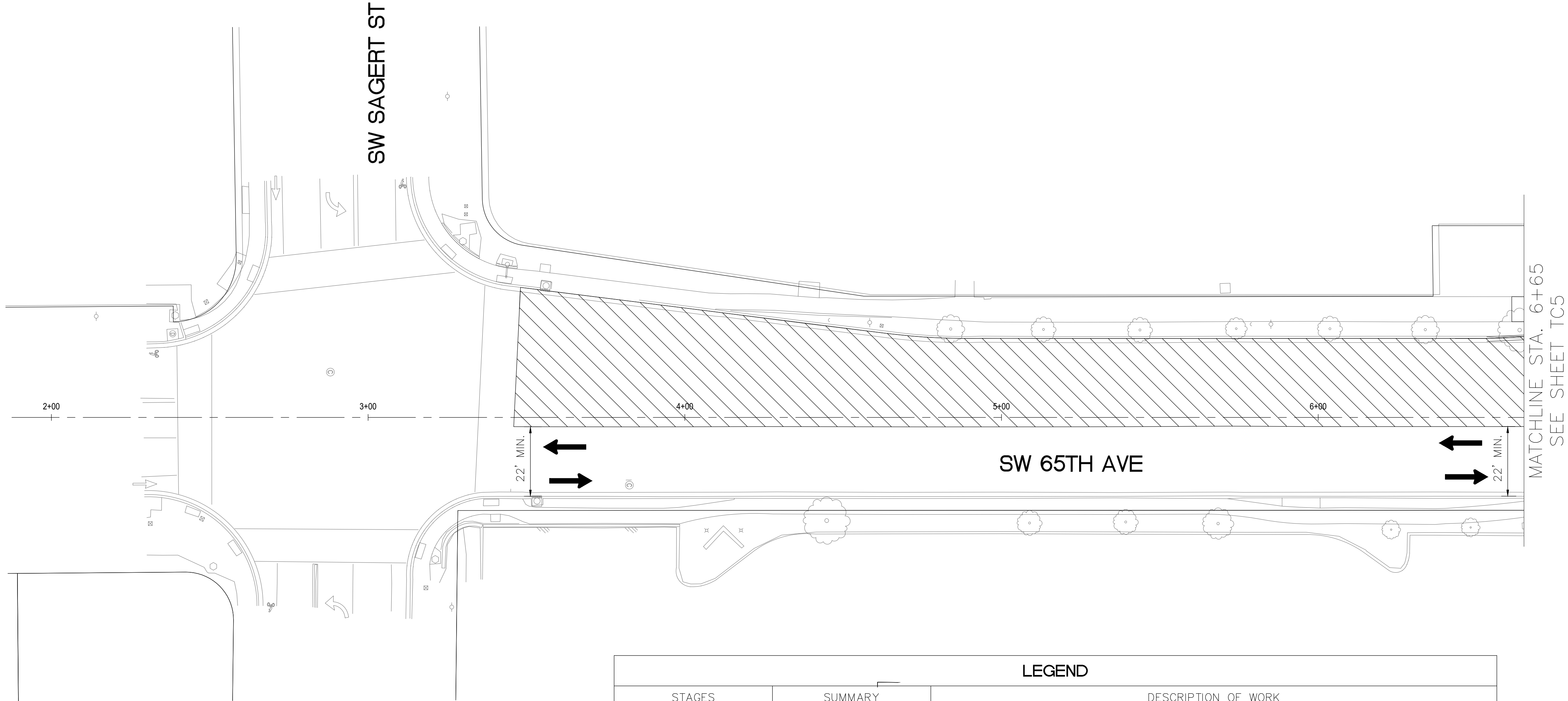
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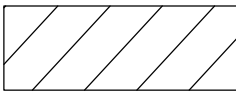
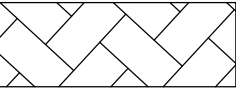
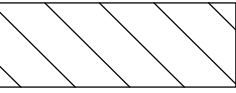
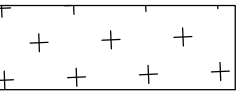
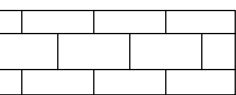
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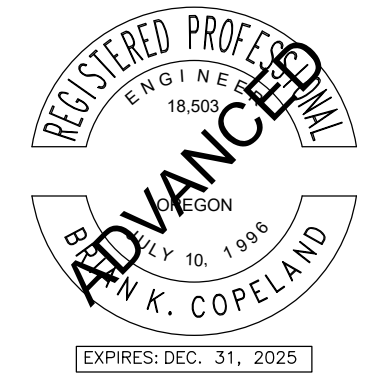
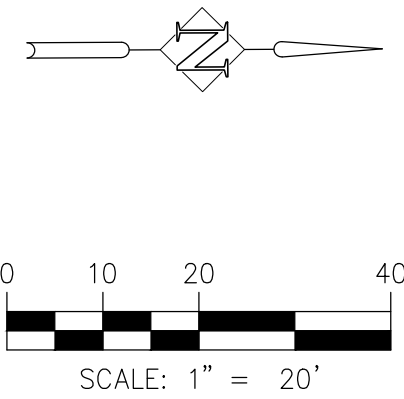
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Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 3



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



65TH / BORLAND / SAGERT IMPROVEMENTS

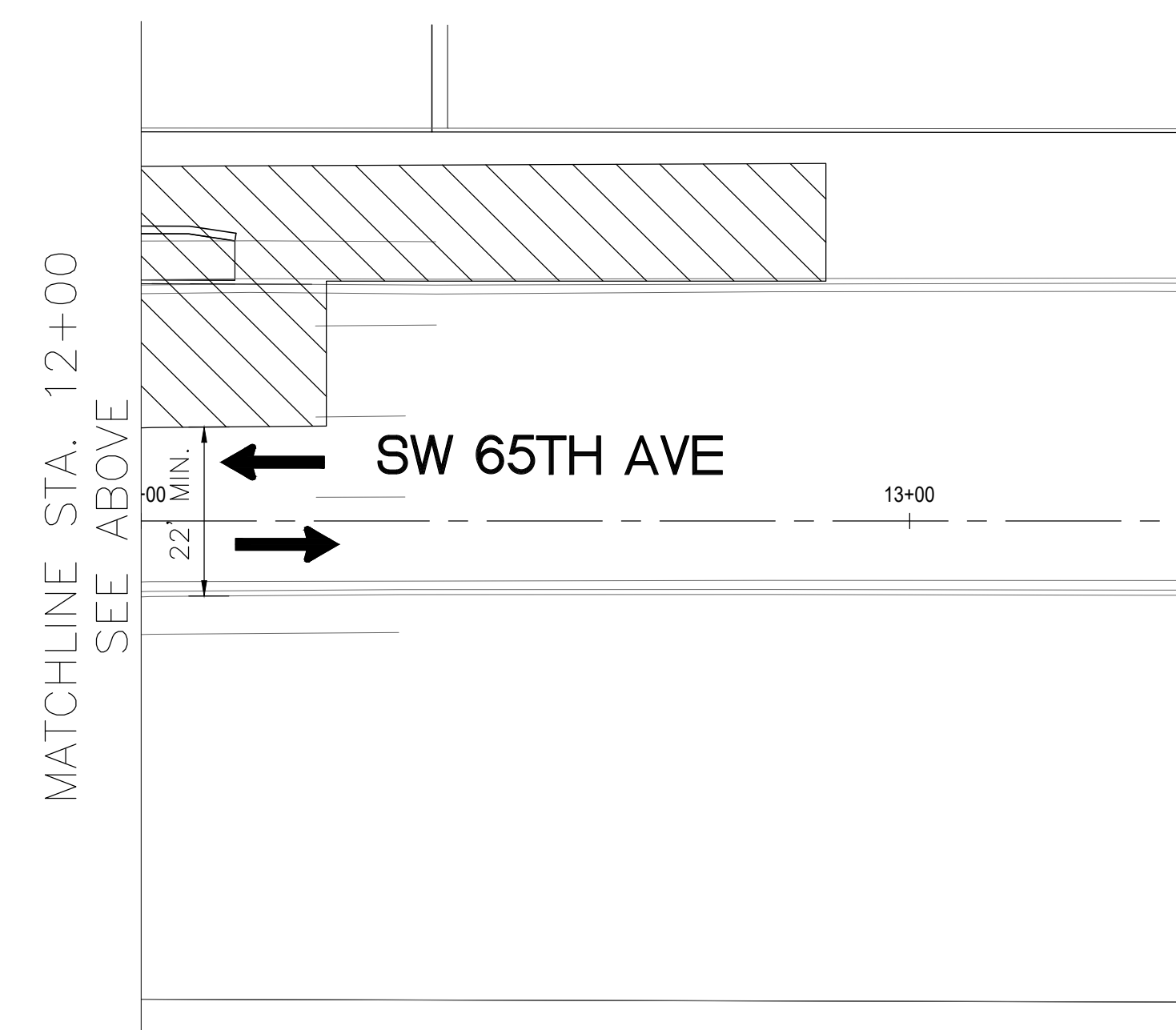
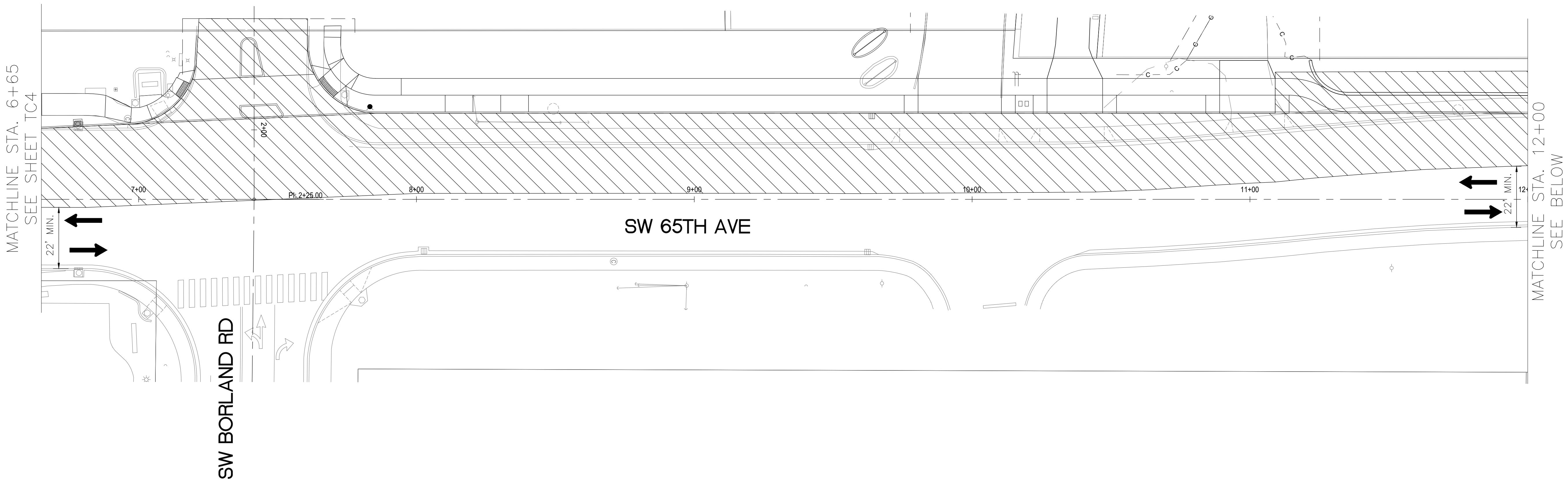
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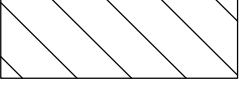
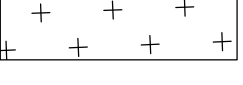
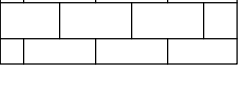
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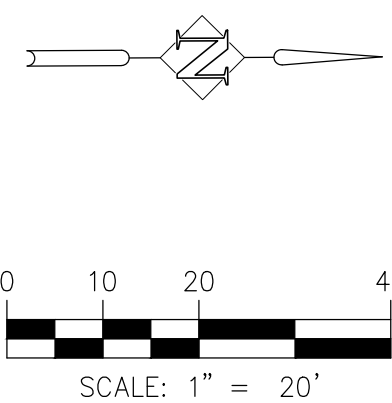
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Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 3



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



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PE-10, 1998
N. K. COPELAND
EXPIRES: DEC. 31, 2025



City of Tualatin



Tualatin
MOVING FORWARD
TRAFFIC FLOW - NEIGHBORHOOD SAFETY

65TH / BORLAND / SAGERT IMPROVEMENTS

TEMPORARY TRAFFIC CONTROL STAGING PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

DATUM

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DRAWN BY

ALC
CHECKED BY

60 PERCENT QA/QC
STATUS

11/10/2025
DATE

21757
PROJECT NUMBER

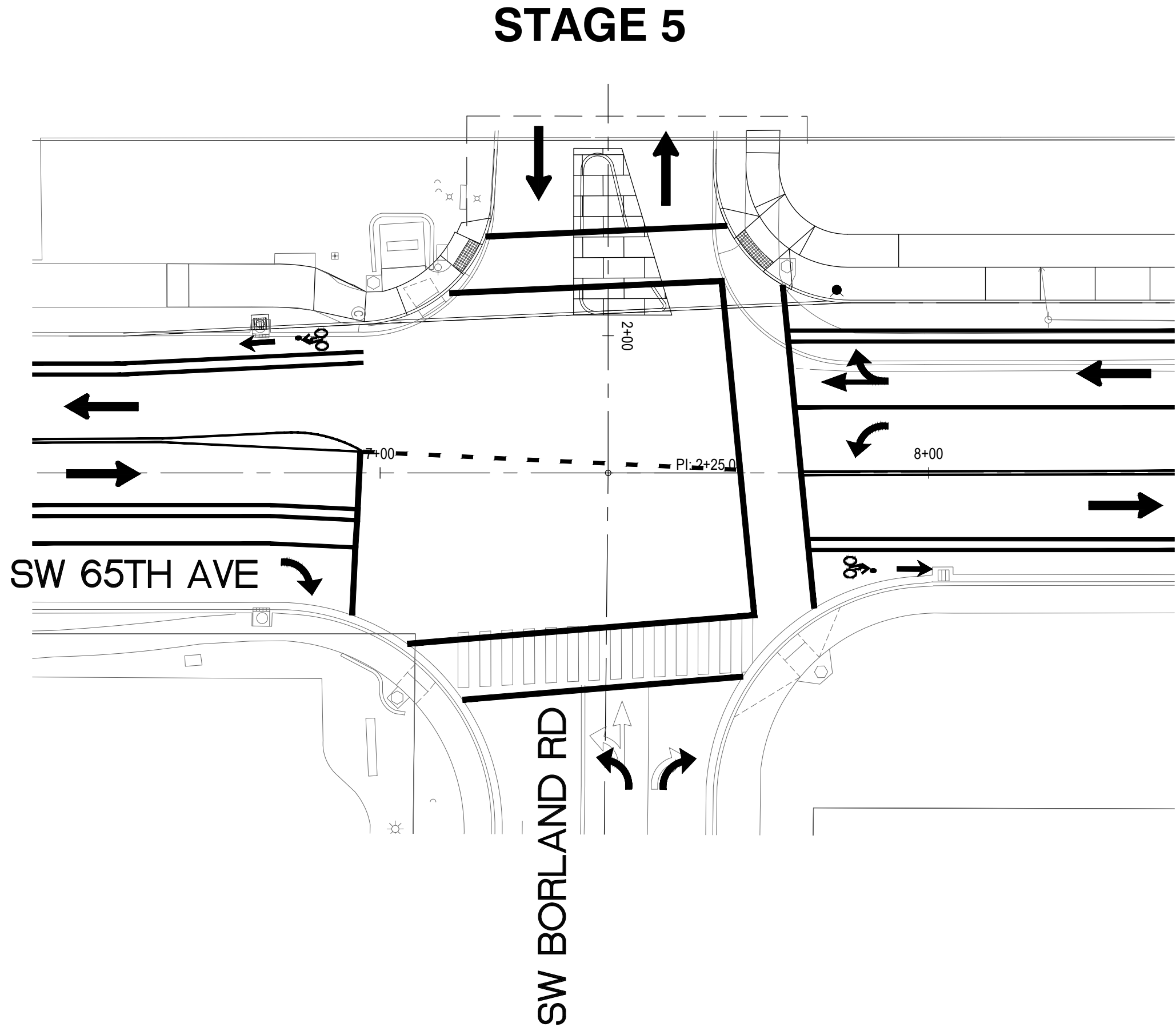
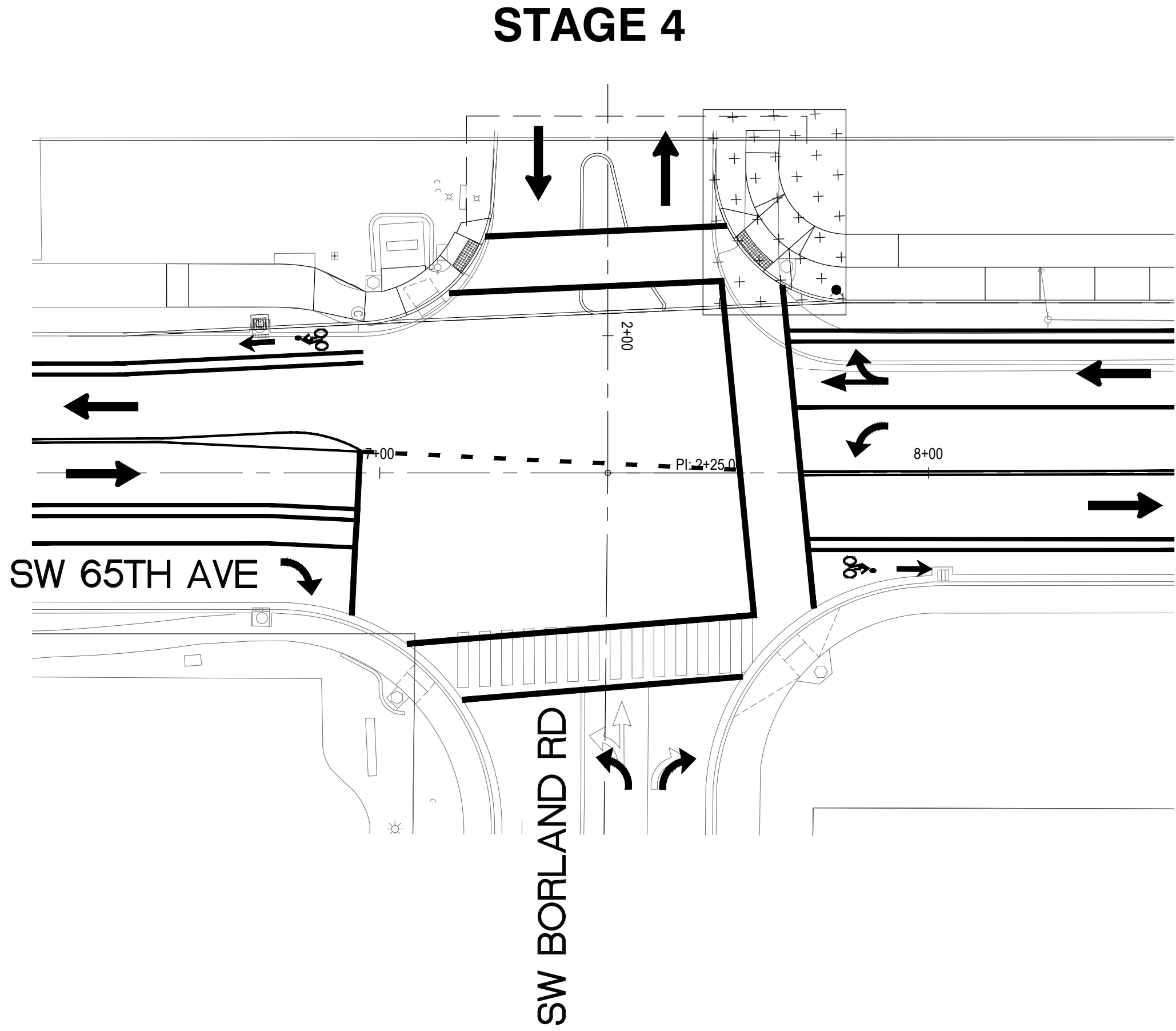
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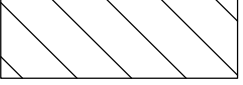
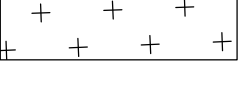
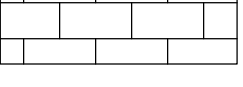
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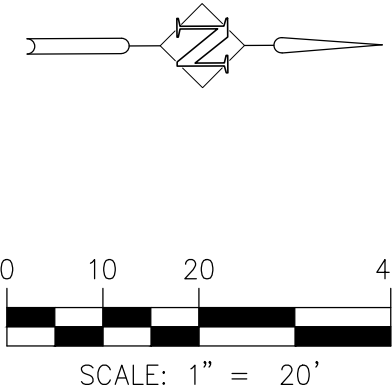
If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.

Exhibit A

TEMPORARY TRAFFIC CONTROL STAGING PLAN
STAGE 4 & 5



LEGEND		
STAGES	SUMMARY	DESCRIPTION OF WORK
 STAGE 1	WIDENING ON WEST SIDE OF 65TH AND RAMP WORK ON SW CORNER OF 65TH/BORLAND	WIDENING, INCLUDING CURB AND SIDEWALK, COMPLETED FROM STA. 06+55 TO 07+40 AND STA. 07+85 TO 11+15. MINIMUM 20' OF DRIVEWAY INTO LEGACY TO REMAIN OPEN WHILE SW CORNER RAMP IS REBUILT. MEDIAN WILL NOT BE CONSTRUCTED IN THIS STAGE. EXISTING SIDEWALK FROM STA. 11+15 TO 12+90 SHALL BE REMOVED AND A TEMPORARY LAYER OF GRAVEL TRAVERSABLE BY VEHICLES SHALL BE INSTALLED TO ACCOMODATE TRAFFIC DURING STAGE 2 CONSTRUCTION. THIS ADDS AN ADDITIONAL 75' OF SIDEWALK THAT WILL NEED TO BE REINSTALLED IN STAGE 3.
 STAGE 2	GRIND AND INLAY ON EAST HALF OF 65TH	EAST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON WEST HALF OF ROAD. VEHICLES TO USE TEMPORARY TRAVERSABLE GRAVEL TAPER CREATED DURING STAGE 1. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS.
 STAGE 3	GRIND AND INLAY ON WEST HALF OF 65TH AND REMAINING CONSTRUCTION ON WEST SIDE OF 65TH	WEST SIDE OF ROAD GRIND AND INLAY WITH MINIMUM 22' AVAILABLE (ONE 11' TRAVEL LANE IN EACH DIRECTION) ON EAST HALF OF ROAD. TURN 65TH/BORLAND AND 65TH/SAGERT SIGNALS OFF AND CONTROL WITH FLAGGERS. COMPLETE SIDEWALK CONSTRUCTION ON WEST SIDE OF 65TH.
 STAGE 4	RAMPS ON NW CORNER OF 65TH AND BORLAND	COMPLETE NW CORNER OF 65TH/BORLAND.
 STAGE 5	MEDIAN AT LEGACY ACCESS	CONSTRUCT MEDIAN AT LEGACY ACCESS ON 65TH/BORLAND. MAINTAIN INGRESS/EGRESS DURING CONSTRUCTION.



65TH / BORLAND / SAGERT IMPROVEMENTS

TEMPORARY TRAFFIC CONTROL STAGING PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

DATUM	
PCB	ALC
DRAWN BY	CHECKED BY
60 PERCENT QA/QC STATUS	
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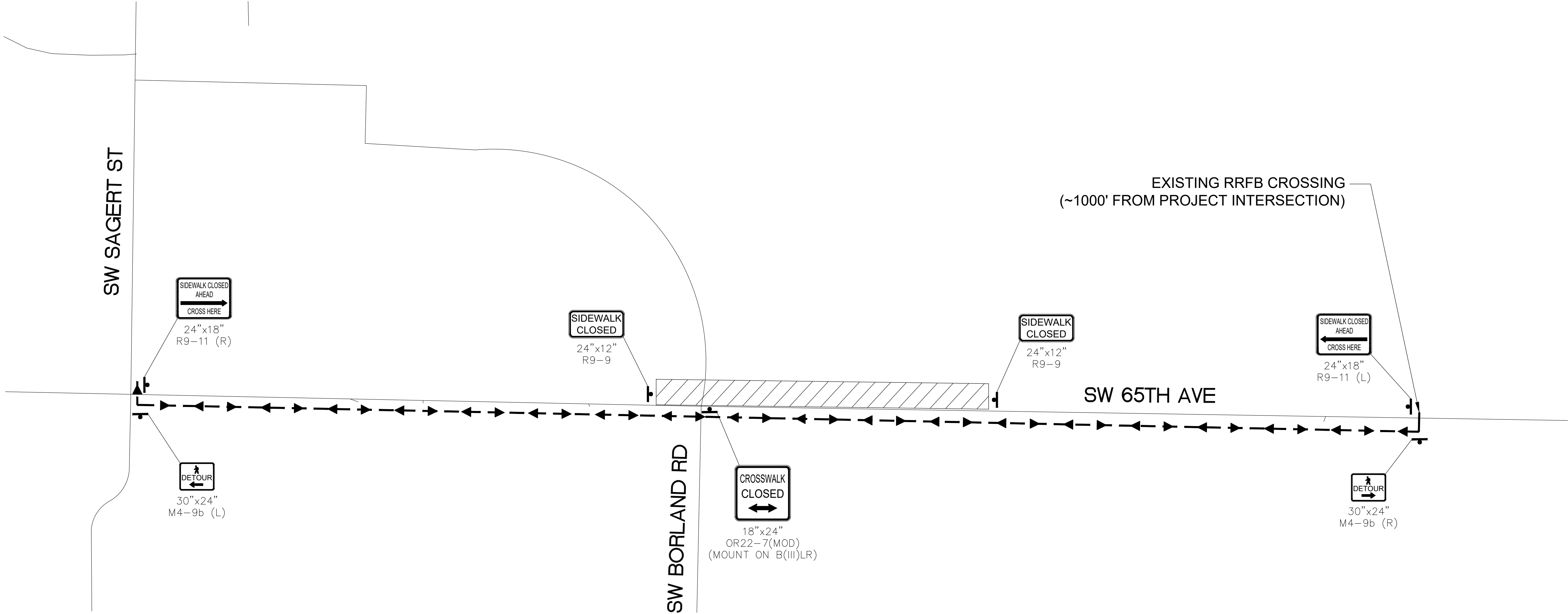
TC6

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Exhibit A

TEMPORARY PEDESTRIAN ACCESSIBLE ROUTE (TPAR) PLAN

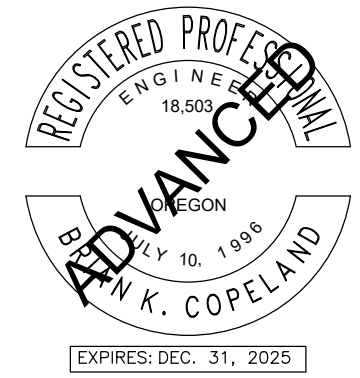
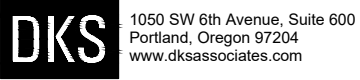
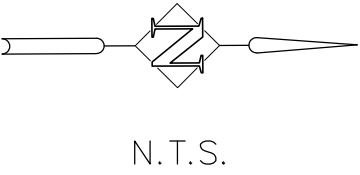


NOTE

- 1. THIS TPAR LAYOUT WILL APPLY TO ALL 4 STAGES OF CONSTRUCTION.

LEGEND

- WORK AREA
- TEMPORARY SIGN ON POST
- PEDESTRIAN DETOUR ROUTE



65TH / BORLAND / SAGERT IMPROVEMENTS
TEMPORARY PEDESTRIAN ACCESSIBLE ROUTE (TPAR) PLAN

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
21757 PROJECT NUMBER		
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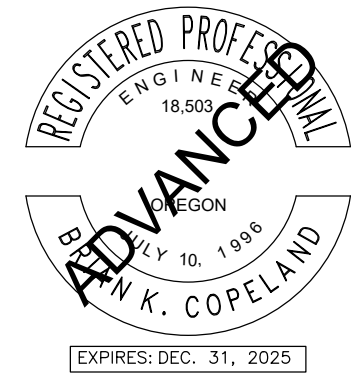
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Exhibit A

TTC/TPAR SIGN DETAILS



DKS 1050 SW 6th Avenue, Suite 600
Portland, Oregon 97204
www.dksassociates.com

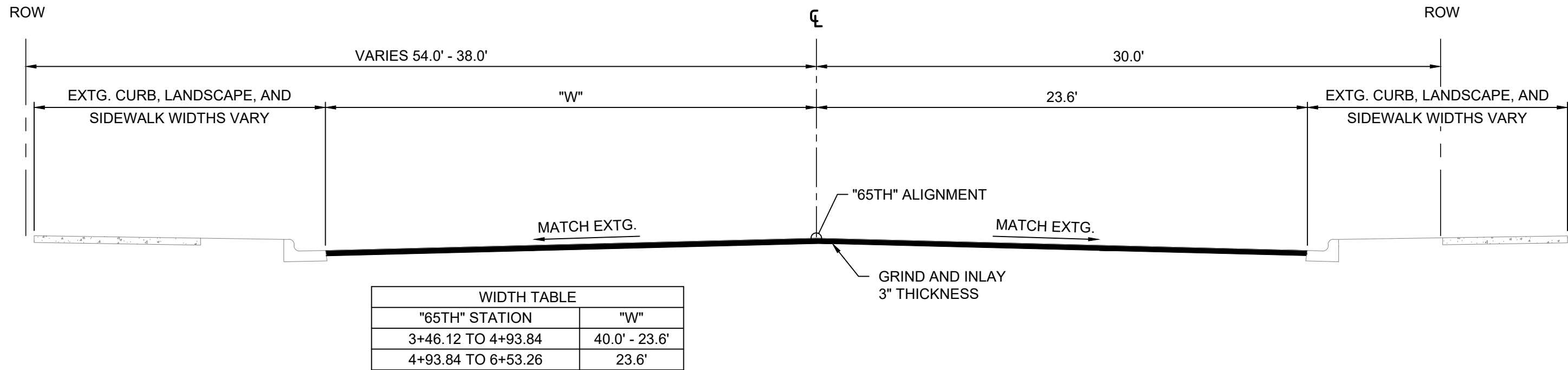


65TH / BORLAND / SAGERT IMPROVEMENTS

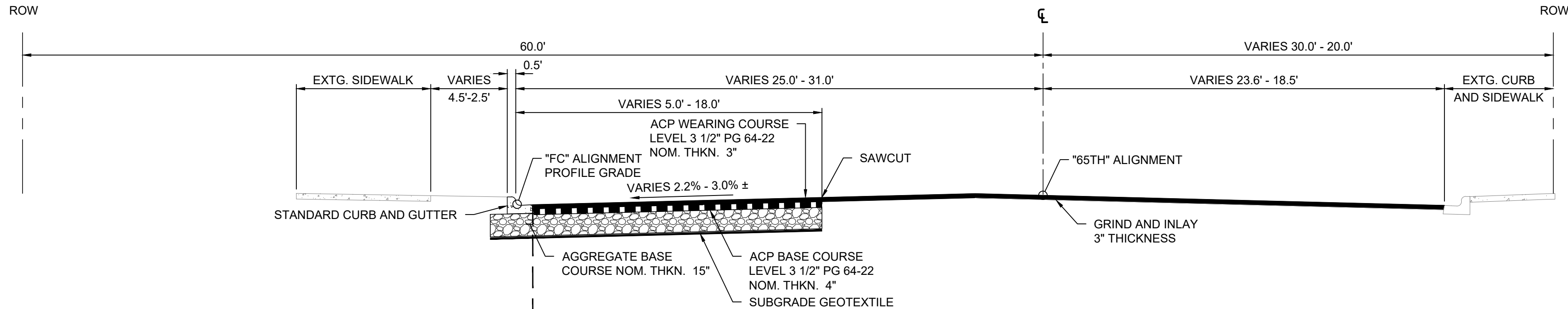
TTC/TPAR SIGN DETAILS

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REVISIONS		
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Exhibit A

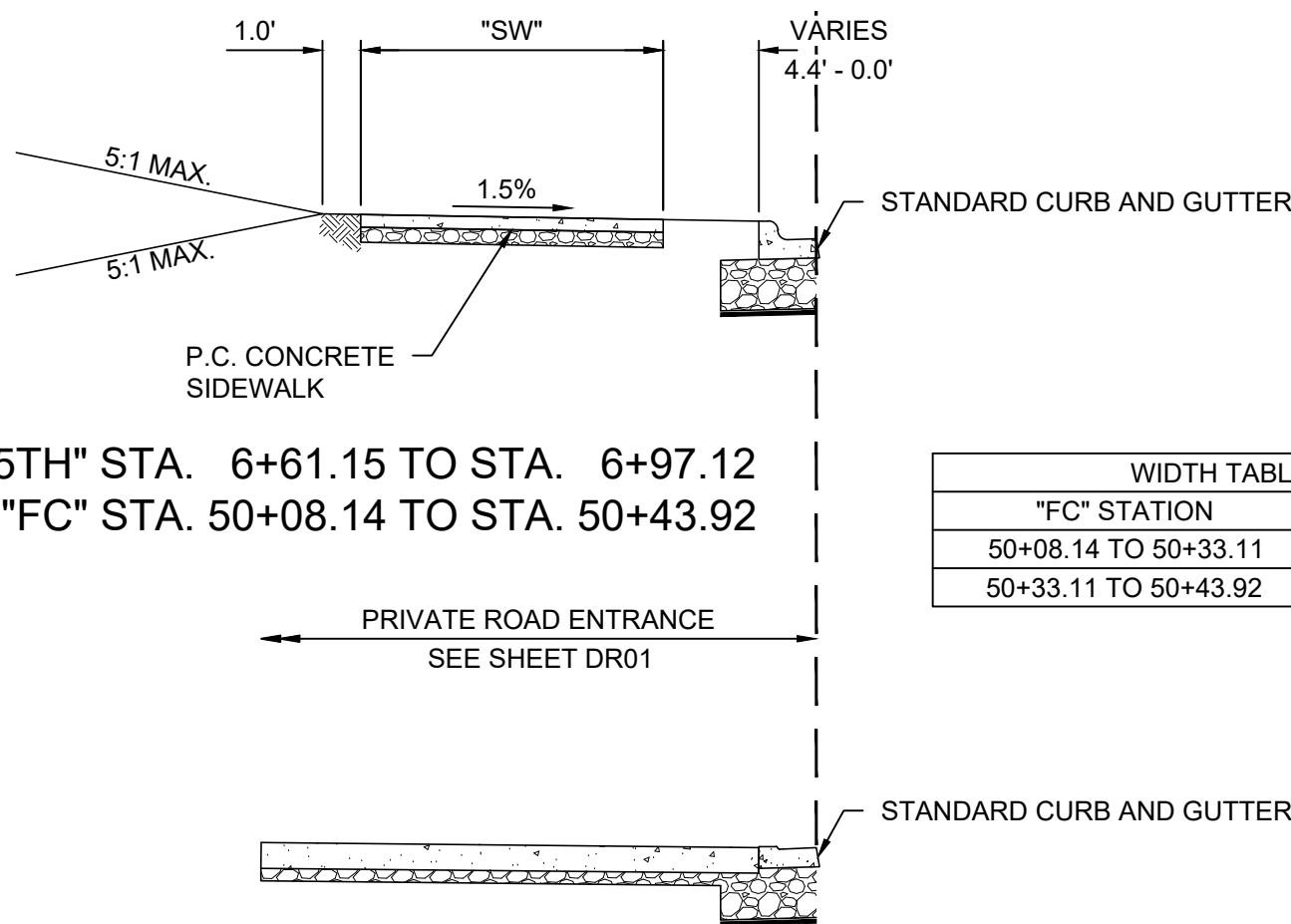


"65TH" STA. 3+46.12 TO STA. 6+53.26



"65TH" STA. 6+53.26 TO STA. 6+61.15
= "FC" STA. 50+00.00 TO STA. 50+08.14

"65TH" STA. 6+53.26 TO STA. 7+85.71
= "FC" STA 50+00.00 TO STA. 51+32.59
(TAPER)

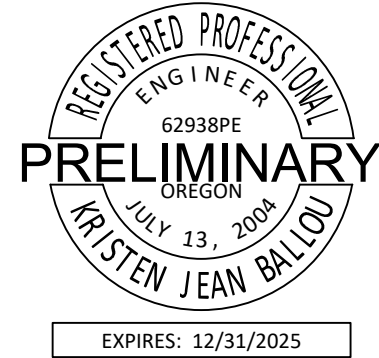


"65TH" STA. 6+61.15 TO STA. 6+97.12
= "FC" STA. 50+08.14 TO STA. 50+43.92

"65TH" STA. 6+97.12 TO STA. 7+85.71
= "FC" STA. 50+43.92 TO STA. 51+32.59



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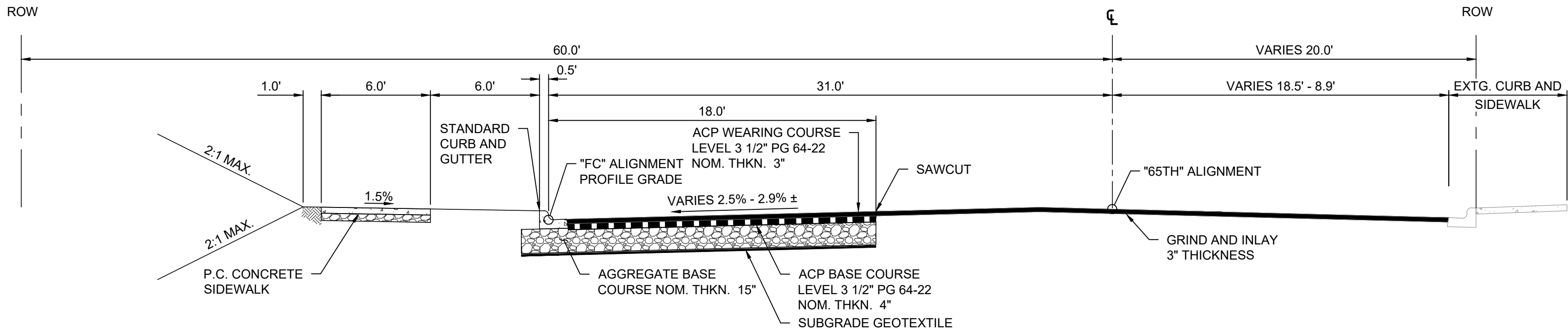


65TH / BORLAND / SAGERT IMPROVEMENTS

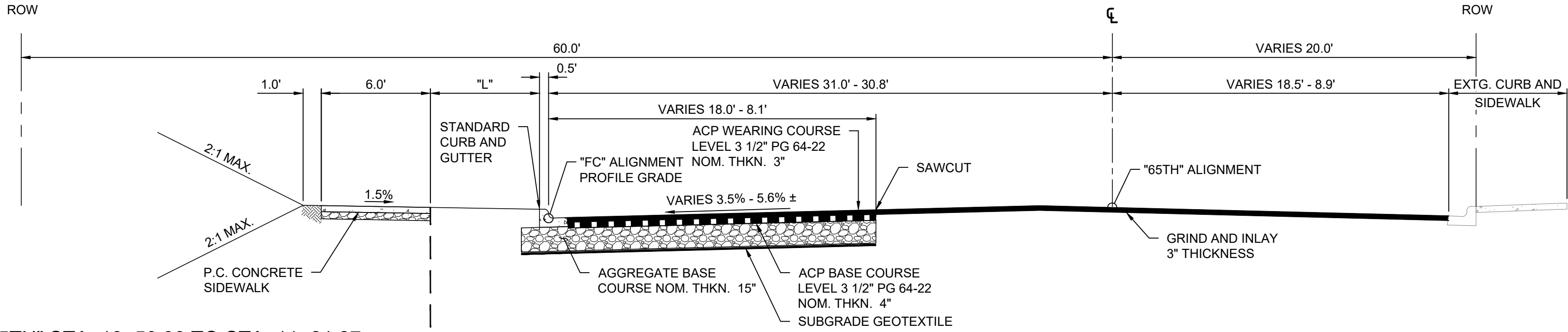
TYPICAL SECTIONS

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
DRAWN BY		
CHECKED BY		
60 PERCENT SUBMITTAL STATUS		
11/21/2025 DATE		
21757 PROJECT NUMBER		
RS01		
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Exhibit A



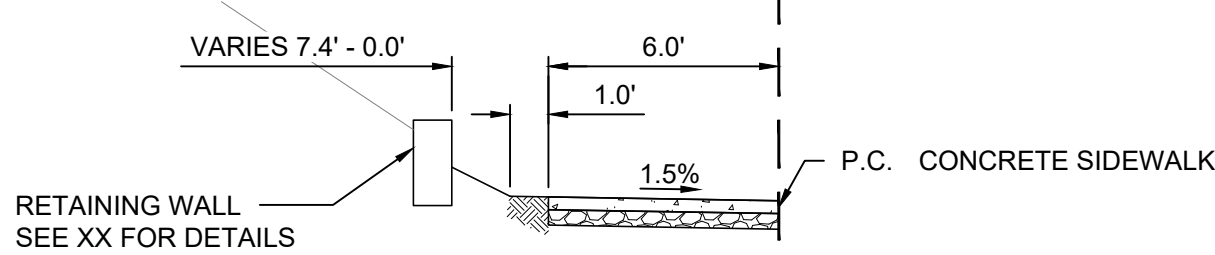
"65TH" STA. 7+85.71 TO STA. 10+50.00
= "FC" STA 51+32.59 TO STA. 53+96.88



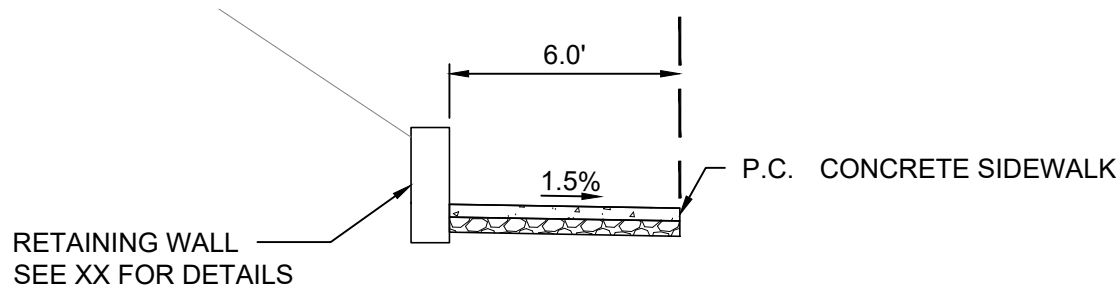
"65TH" STA. 10+50.00 TO STA. 11+21.27
= "FC" STA. 53+96.88 TO STA. 54+68.15

WIDTH TABLE	
"FC" STATION	"L"
53+96.88 TO 54+60.99	6.0'
54+60.99 TO 54+82.06	6.0'-0.0'
54+82.06 TO 55+19.55	0.0'

"65TH" STA. 10+50.00 TO STA. 11+72.67
= "FC" STA. 53+96.88 TO STA. 55+19.55
(TAPER)



"65TH" STA. 11+21.27 TO STA. 11+27.80
= "FC" STA. 54+68.15 TO STA. 54+74.68



"65TH" STA. 11+27.80 TO STA. 11+72.67
= "FC" STA. 54+74.68 TO STA. 55+19.55



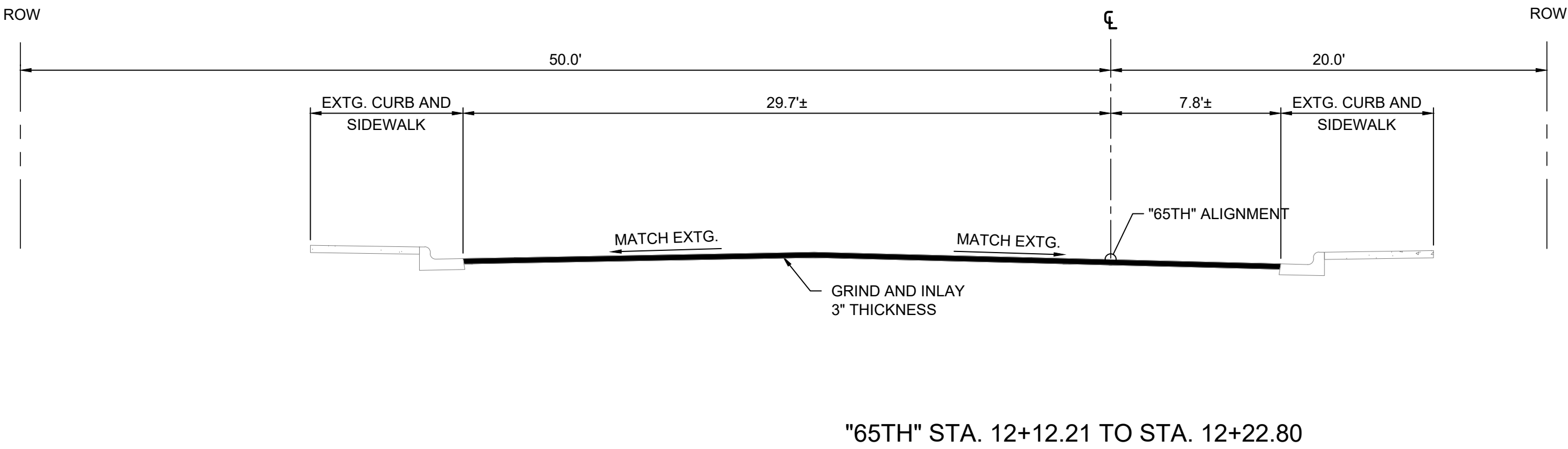
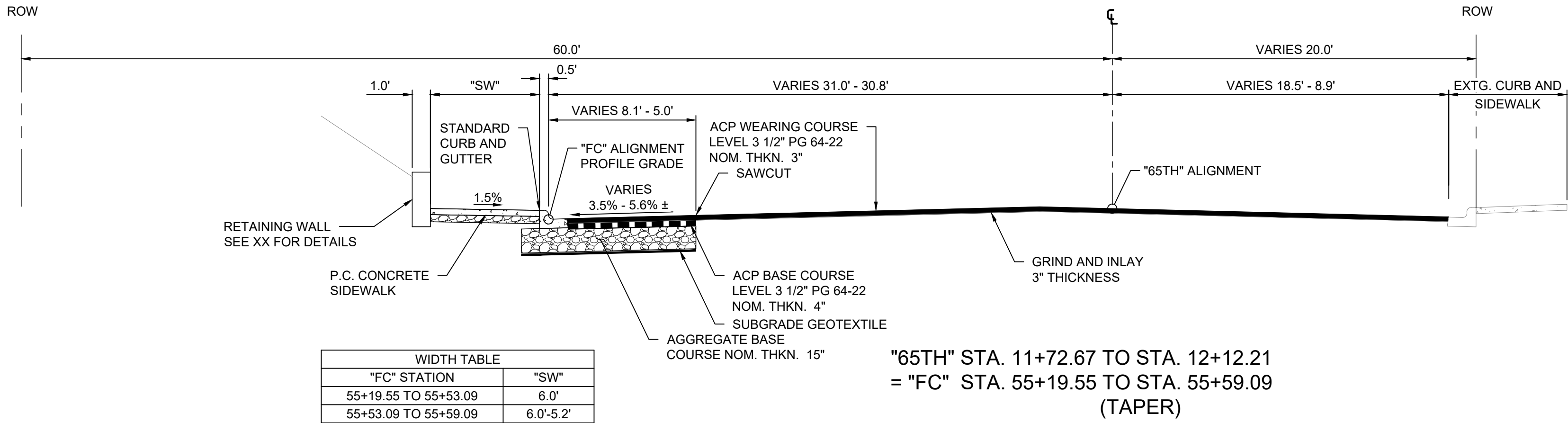
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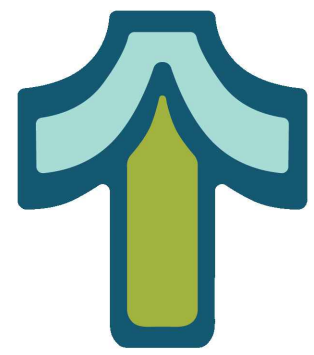
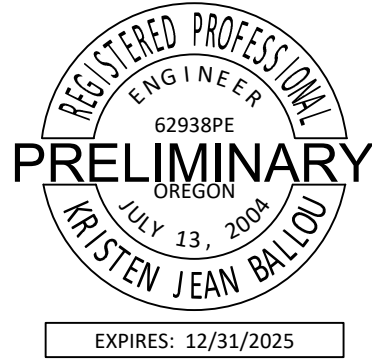
65TH / BORLAND / SAGERT IMPROVEMENTS
TYPICAL SECTIONS

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#	DATE	DESCRIPTION
REVISIONS		
DATUM		
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65TH / BORLAND / SAGERT IMPROVEMENTS

TYPICAL SECTIONS

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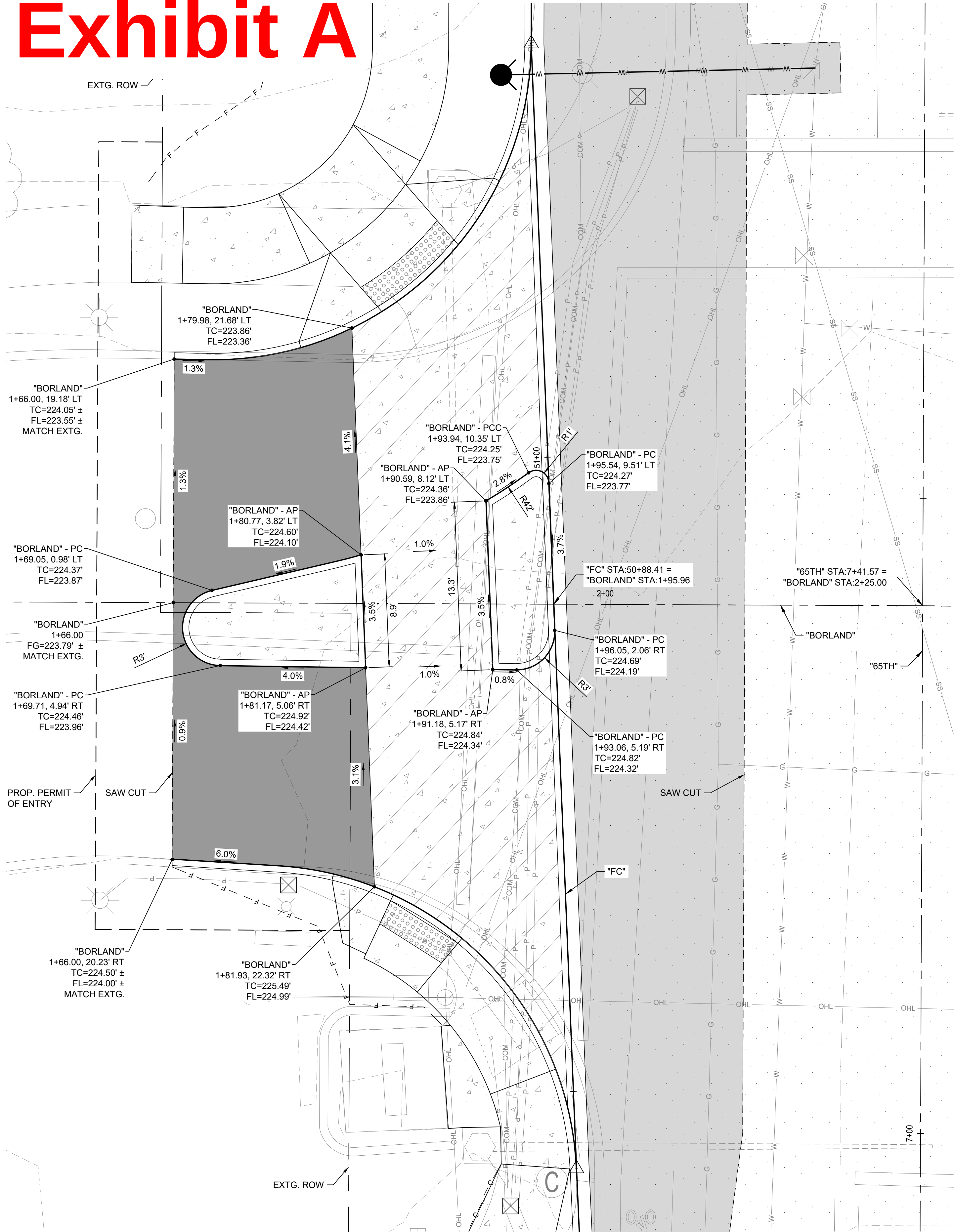
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DRAWN BY	CHECKED BY
60 PERCENT SUBMITTAL STATUS	
11/21/2025 DATE	
21757 PROJECT NUMBER	

RS03

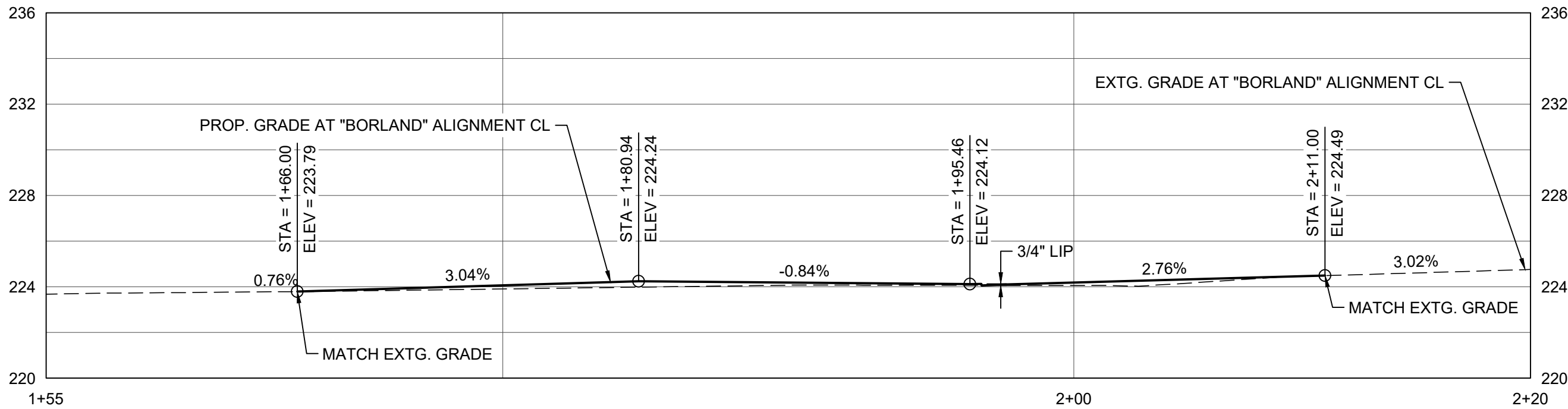
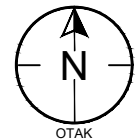
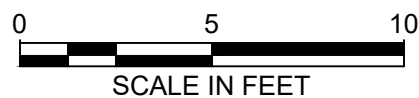
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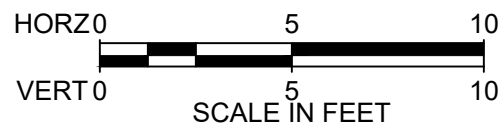
Exhibit A



TL 1000 DWY PLAN
SCALE: 1" = 5'-0"



TL 1000 DWY PROFILE
SCALE: 1" = 5' (H)
SCALE: 1" = 5' (V)



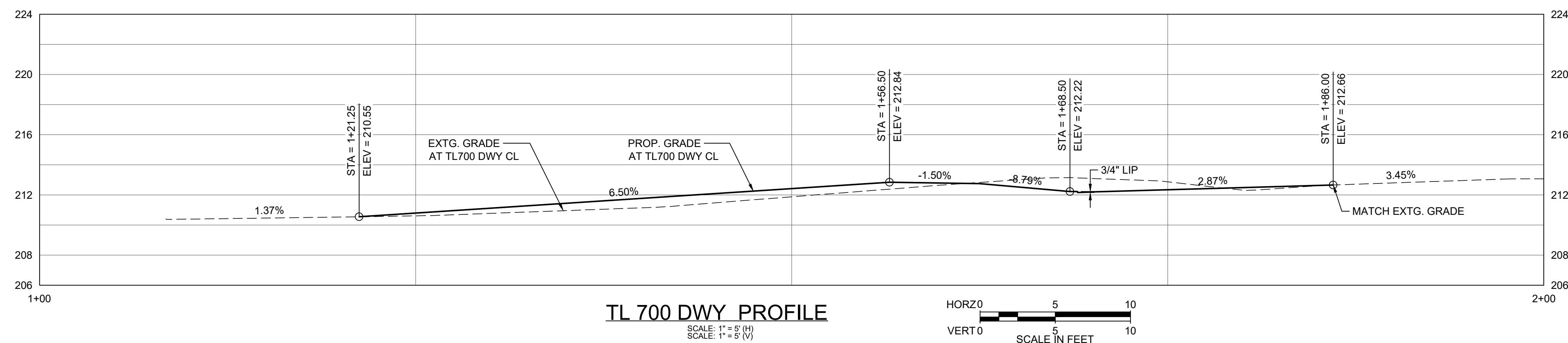
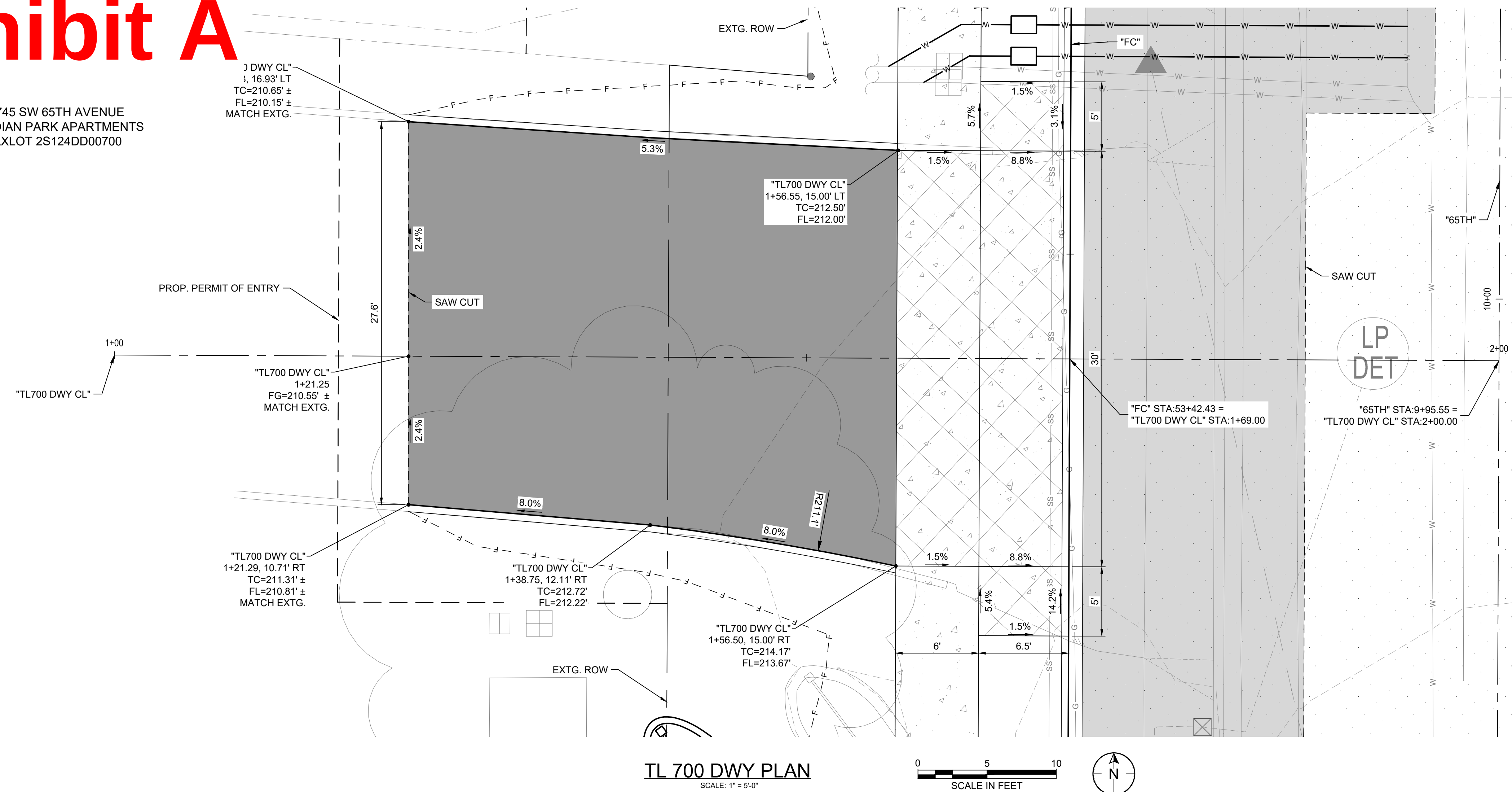
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65TH / BORLAND / SAGERT IMPROVEMENTS
DRIVEWAYS DETAILS
TL 1000 DRIVEWAY

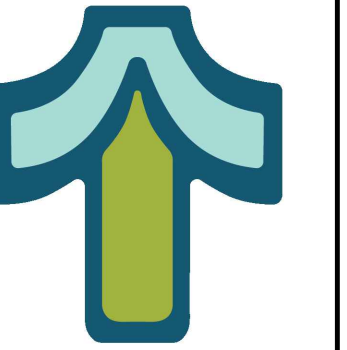
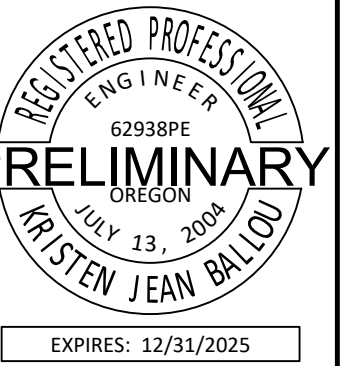
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DATUM		
DRAWN BY		CHECKED BY
60 PERCENT SUBMITTAL STATUS		
11/21/2025 DATE		
21757 PROJECT NUMBER		
DR01		
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19745 SW 65TH AVENUE
MERIDIAN PARK APARTMENTS
TAXLOT 2S124DD00700



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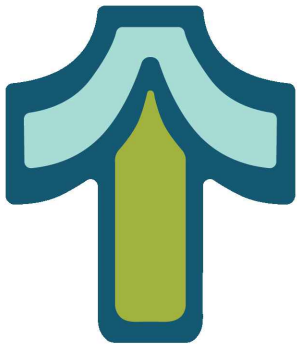
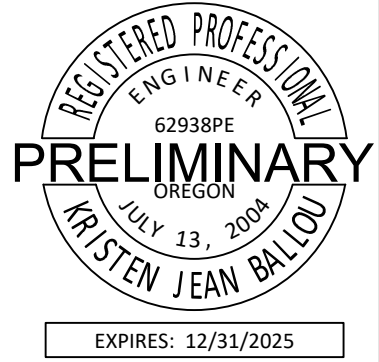
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00 PERCENT SUBMITTAL		
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1/21/2025		
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1757		
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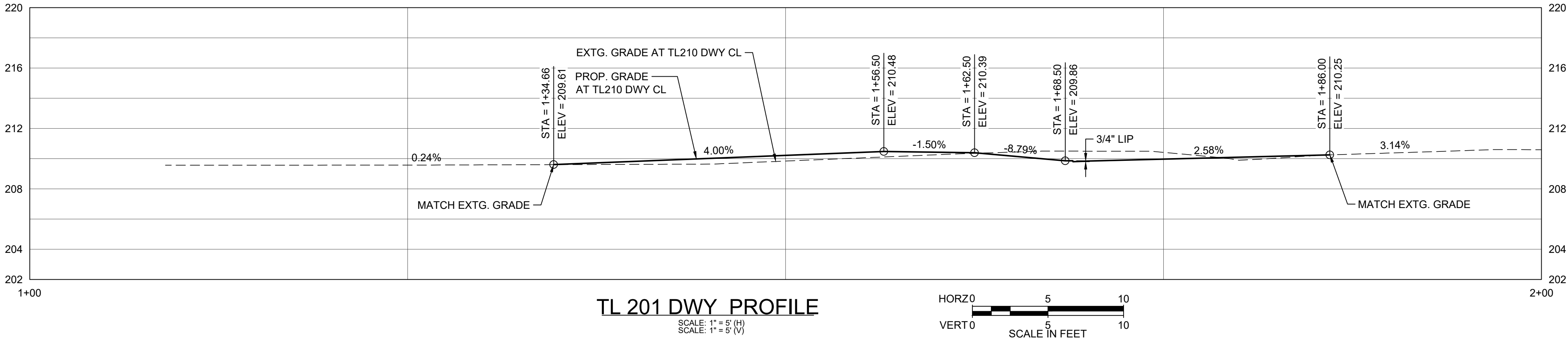
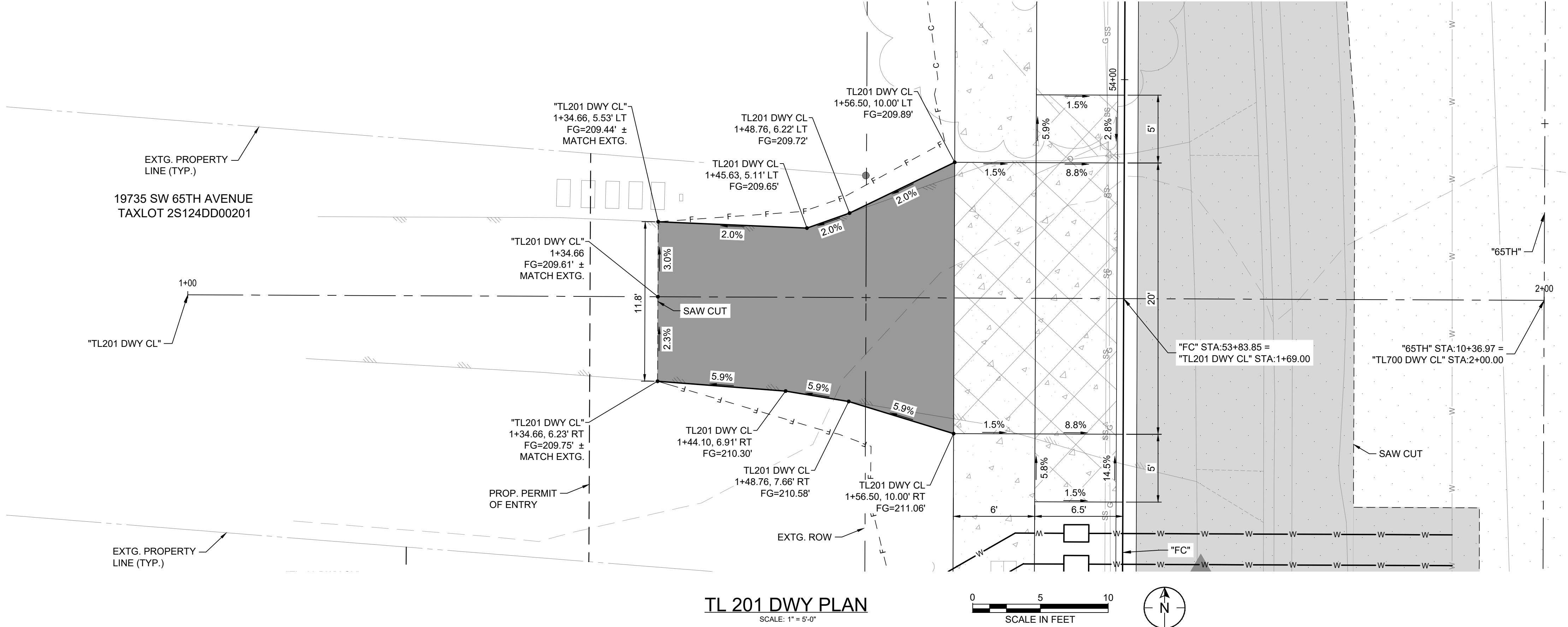
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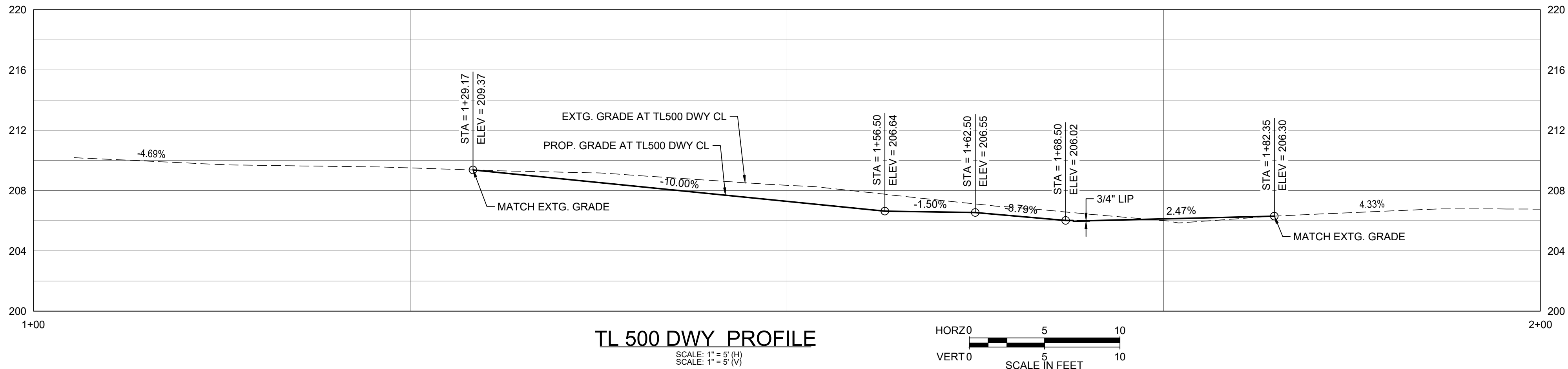
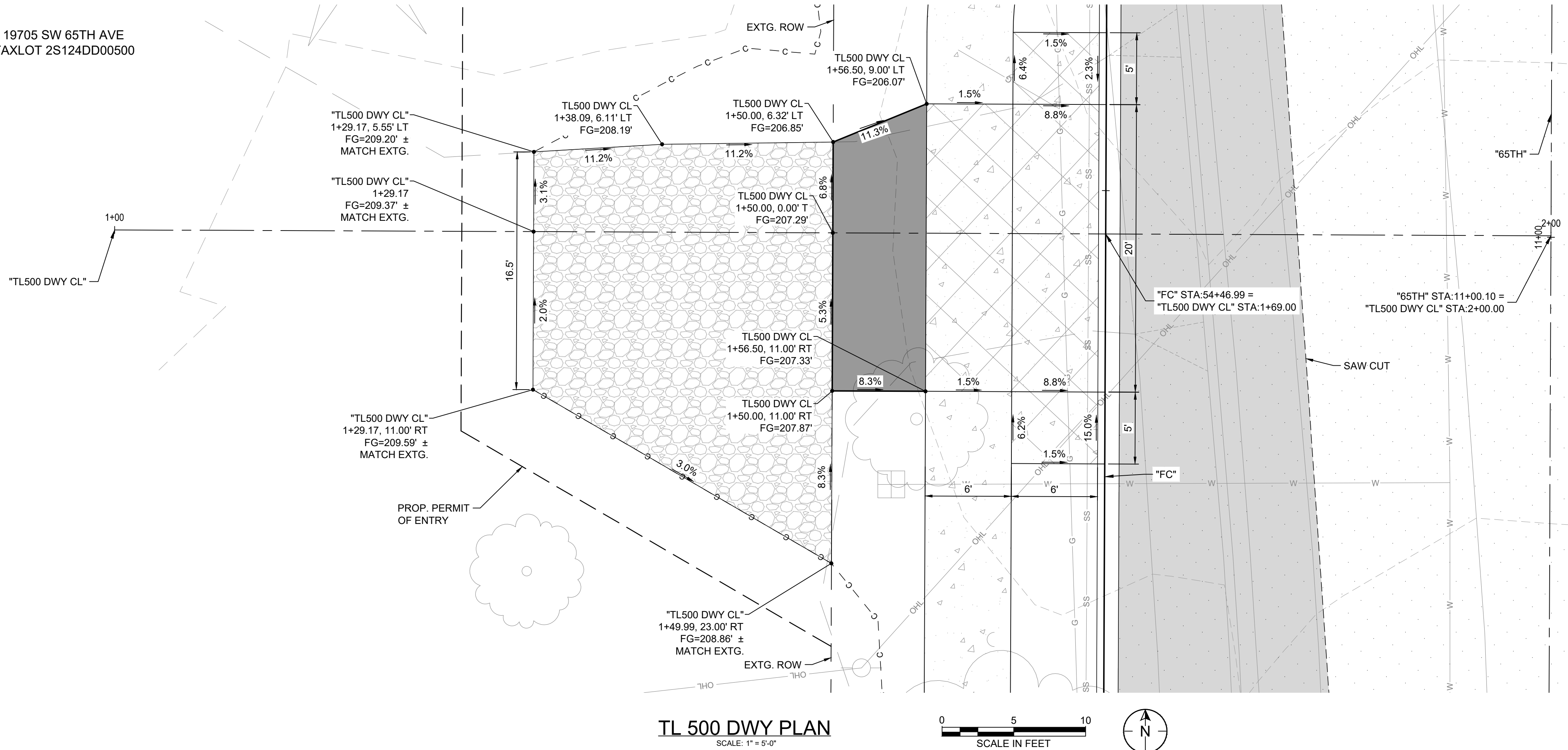
65TH / BORLAND / SAGERT IMPROVEMENTS
DRIVEWAYS DETAILS
TL 210 DRIVEWAY



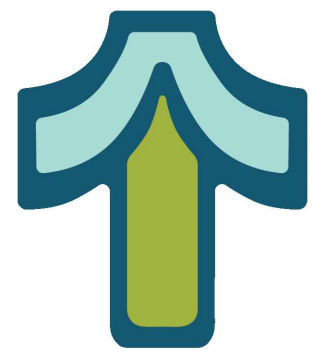
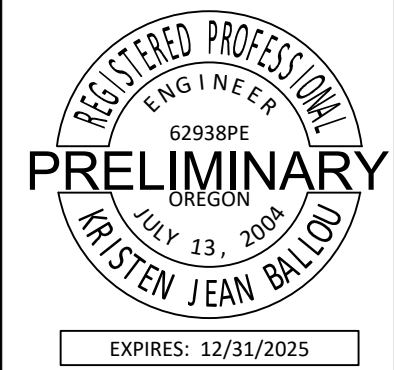
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REVISIONS		
DATUM		
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21757		PROJECT NUMBER
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19705 SW 65TH AVE
TAXLOT 2S124DD00500



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DRIVEWAYS DETAILS
TL 500 DRIVEWAY

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(G), AS PUBLISHED BY

- UNLESS OTHERWISE SPECIFIED ON PLANS, OR DIRECTED BY THE ENGINEER, CROSS SLOPES OF SIDEWALKS SHALL BE A NOMINAL 1.5%. CROSS SLOPES SHALL NOT BE LESS THAN 1% NOR EXCEED 2%. SIDEWALK TRANSITIONS SHALL BE REPLACED TO THE NEXT NEAREST JOINT.
- MAXIMUM SLOPES SHOWN ON THE PLANS REPRESENT THE MAXIMUM ALLOWABLE SLOPES PERMITTED BY CURRENT ADA REQUIREMENTS. THE CONTRACTOR SHALL TAKE INTO CONSIDERATION CONSTRUCTION TOLERANCES WHEN PLACING SIDEWALKS AND RAMPS TO ENSURE MAXIMUM SLOPES ARE NOT EXCEEDED.
- SURVEY MAPPING WAS USED TO CREATE THE PROJECT PLAN SHEETS AND CURB RAMP DETAILS SHOWN. DETAILS AND DIMENSIONS SHOWN ARE APPROXIMATE AND INTENDED AS A GUIDE FOR INITIAL LAYOUT PURPOSES ONLY.
- ALL SURVEY WORK AND STAKING NECESSARY FOR CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAILS NECESSARY FOR LAYOUT, DEMOLITION, AND CONSTRUCTION. COMPLETE ALL CONSTRUCTION STAKING AS NEEDED USING INFORMATION CONTAINED IN THE PLANS AND ADJUST AS NECESSARY TO MEET ADA REQUIREMENTS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE ENGINEER FOR CLARIFICATION OR CORRECTION.
- THE CURB RAMP DEMOLITION LIMITS SHALL BE REVIEWED BY THE INSPECTOR FOR GENERAL CONFORMITY PRIOR TO DEMOLITION. CONTRACTOR SHALL PROVIDE 24 HOUR NOTICE TO THE INSPECTOR OF DEMOLITION LIMITS BEING STAKED AS WELL AS NOTIFY INSPECTOR AT THE TIME THE LIMITS ARE ESTABLISHED.
- THE EXISTING CURB, SIDEWALK AND UTILITIES, ETC. SHOWN ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- COORDINATE UTILITY RELOCATIONS AND/OR ADJUSTMENTS AS NEEDED. SEE SPECIFICATIONS FOR UTILITY CONTACT INFORMATION.
- PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTATION. IF SURVEY MONUMENTATION IS DISTURBED BY CONSTRUCTION, CONTACT THE COUNTY SURVEY DEPARTMENT PRIOR TO PROCEEDING. PERFORM WORK NECESSARY TO RE-ESTABLISH THE MONUMENT LOCATION AFTER COMPLETION OF CONSTRUCTION AND FILE A POST CONSTRUCTION RECORD OF SURVEY, AT THE CONTRACTORS EXPENSE.
- THE PRIME CONTRACTOR AND CONCRETE SUBCONTRACTOR SHALL ATTEND A PRE-PLACEMENT MEETING ON SITE WITH THE CITY TO DISCUSS THE CURB RAMP CONSTRUCTION PROCESS.
- CURB RAMP FIELD LAYOUT SHALL BE REVIEWED BY THE ENGINEER PRIOR TO CONCRETE PLACEMENT. CONCRETE FOR SIDEWALKS, CURBS, AND RAMPS SHALL BE PLACED NO EARLIER THAN 4 HOURS AFTER FINAL PLACEMENT OF FORMWORK TO ALLOW FOR INSPECTION BY THE INSPECTOR AND ADJUSTMENT BY THE CONTRACTOR IF NEEDED. THE CONTRACTOR SHALL PROVIDE 24 HOUR NOTICE TO THE INSPECTOR OF FORMWORK BEING PLACED, AS WELL AS NOTIFY THE INSPECTOR AT THE TIME FORMWORK HAS BEEN FULLY COMPLETED.
- THE INSPECTOR'S PRE-DEMOLITION AND PRE-PLACEMENT REVIEW DOES NOT CONSTITUTE ACCEPTANCE OF FINAL GRADES; THE CONTRACTOR REMAINS RESPONSIBLE FOR ADA AND COUNTY COMPLIANCE OF THE FINAL GRADES.
- SLOPES SHALL BE MEASURED BY THE INSPECTOR BY USING A 2-FOOT AND 6-INCH DIGITAL LEVEL, WHICH SHALL BE THE OFFICIAL RECORD OF THE SLOPES. IN THE EVENT THAT DIFFERENT READINGS ARE TAKEN BETWEEN THE INSPECTOR'S LEVEL AND THE CONTRACTOR'S, THE INSPECTOR'S LEVEL SHALL GOVERN.
- MEASUREMENT OF RAMP SLOPES SHALL BE PERFORMED ON THE WALKABLE SURFACE AND SHALL NOT TAKE INTO CONSIDERATION THE TOP OF CURB SLOPES ALONG THE SIDES OF THE RAMPS. THE TOP OF CURB SLOPES BETWEEN THE RAMPS/LANDINGS AND THE STREET ARE NOT INCLUDED IN THE ABOVE AND SHALL MEET SPECIFIED INSPECTION CRITERIA.

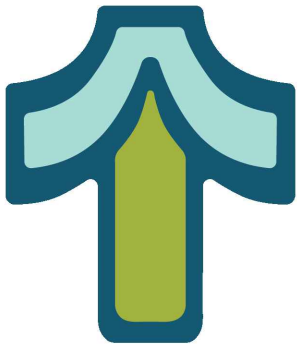
- COMPLETED SIDEWALKS OR OTHER HARDSCAPE ELEMENTS THAT EXCEED MAXIMUM AND/OR MINIMUM SPECIFIED SLOPES AND DIMENSIONS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE MAXIMUM CLOSURE TIME, BETWEEN DEMOLITION AND COMPLETION, FOR ANY CURB RAMP OR CORNER SHALL BE 7 CALENDAR DAYS UNLESS OTHERWISE APPROVED BY THE COUNTY, OR STATED ELSEWHERE.
- THE CONTRACTOR SHALL PROVIDE DETAILED PEDESTRIAN TRAFFIC CONTROL PLANS FOR CURB RAMP AND SIDEWALK CLOSURES AS A PART OF THE OVERALL PROJECT TRAFFIC CONTROL PLANS.
- UNLESS OTHERWISE SPECIFIED IN THE PLANS OR SPECIFICATIONS, PROTECT FRESHLY POURED CONCRETE FROM VANDALISM OR OTHER DAMAGE FOR A MINIMUM OF TWENTY-FOUR (24) HOURS OR UNTIL CURED ENOUGH TO SUPPORT TYPICAL USE, WHICHEVER IS LONGER. ANY CONCRETE DAMAGED BY VANDALISM OR OTHER CAUSES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENCE.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL CONDITION PRIOR TO PROJECT ACCEPTANCE. THIS INCLUDES, BUT IS NOT LIMITED TO, LANDSCAPE RESTORATION AROUND NEW CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE EXTRA CARE TO AVOID DAMAGING ANY IRRIGATION IN THE AREA OF THE NEW RAMP. ANY FACILITIES ENCOUNTERED SHALL BE RELOCATED BY THE CONTRACTOR WITHOUT DAMAGE TO AN APPROVED LOCATION OUTSIDE THE WORK AREA. IRRIGATION ADJUSTMENT, RELOCATION, OR REPAIR IS INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL PAYMENT WILL BE MADE.
- ALL SIDEWALK PANELS IMPACTED BY CONSTRUCTION SHALL BE REPLACED FROM JOINT TO JOINT. PATCHING OF SIDEWALK PANELS SHALL NOT BE ALLOWED.
- REFER TO ODOT STANDARD PLANS RD722, RD900, RD902, RD904, RD905, RD910, RD912, AND RD916 FOR ADDITIONAL CURB RAMP INFORMATION.
- EXTEND RAMP AND SIDEWALK TRANSITION PANEL TO NEXT SIDEWALK JOINT IF WITHIN 3' OR AS DIRECTED BY ENGINEER.
- CROSS-SLOPE TRANSITION PANELS (THOSE DENOTED WITH A ) ARE TO BE TYPICALLY 4' IN LENGTH. HOWEVER, FINAL LENGTHS ARE TO BE DETERMINED BY THE INSPECTOR IN THE FIELD.
- AT EXISTING AND PROPOSED CURB TIE-INS, MATCH THE CURB FACES AND EXISTING TOP OF CURB AND FLOWLINE ELEVATIONS.
- MATCH PROPOSED RAMP CENTERLINES TO EXISTING RAMP CENTERLINES UNLESS OTHERWISE NOTED.
- ALL EXISTING SURFACE FEATURES SUCH AS PLANTERS, LANDSCAPING, STRUCTURES, CURBS, SIDEWALKS, FENCES, WALLS, MAILBOXES, SIGNS, GUY WIRES, PIPING AND UTILITIES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT NO ADDITIONAL COSTS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING/PROVIDING ADEQUATE DRAINAGE AND PREVENTING PONDING.
- THESE DRAWINGS ARE SCHEMATIC IN NATURE. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND ADJUST AS NECESSARY TO MEET PROWAG.

CURB RAMP LEGEND

- DETECTABLE WARNING 
- 15' MIN. RAMP LENGTH
FINISHED SURFACE MAY EXCEED 8.33%
FINISHED CROSS SLOPE NOT TO EXCEED 2.0% 
- 7.5% DESIGN MAX. GRADE
(8.33% MAX. FINISHED SURFACE)
(2.0% MAX. FINISHED CROSS SLOPE) 
- LANDING, 1.5% MAX. SLOPE IN ALL DIRECTIONS UNLESS OTHERWISE SHOWN AT UNCONTROLLED APPROACHES 
- FL FLOW LINE ELEVATION
- TC TOP OF CURB ELEVATION
- SW TOP OF SIDEWALK ELEVATION
-  CURB RETURN CURVE DATA NUMBER



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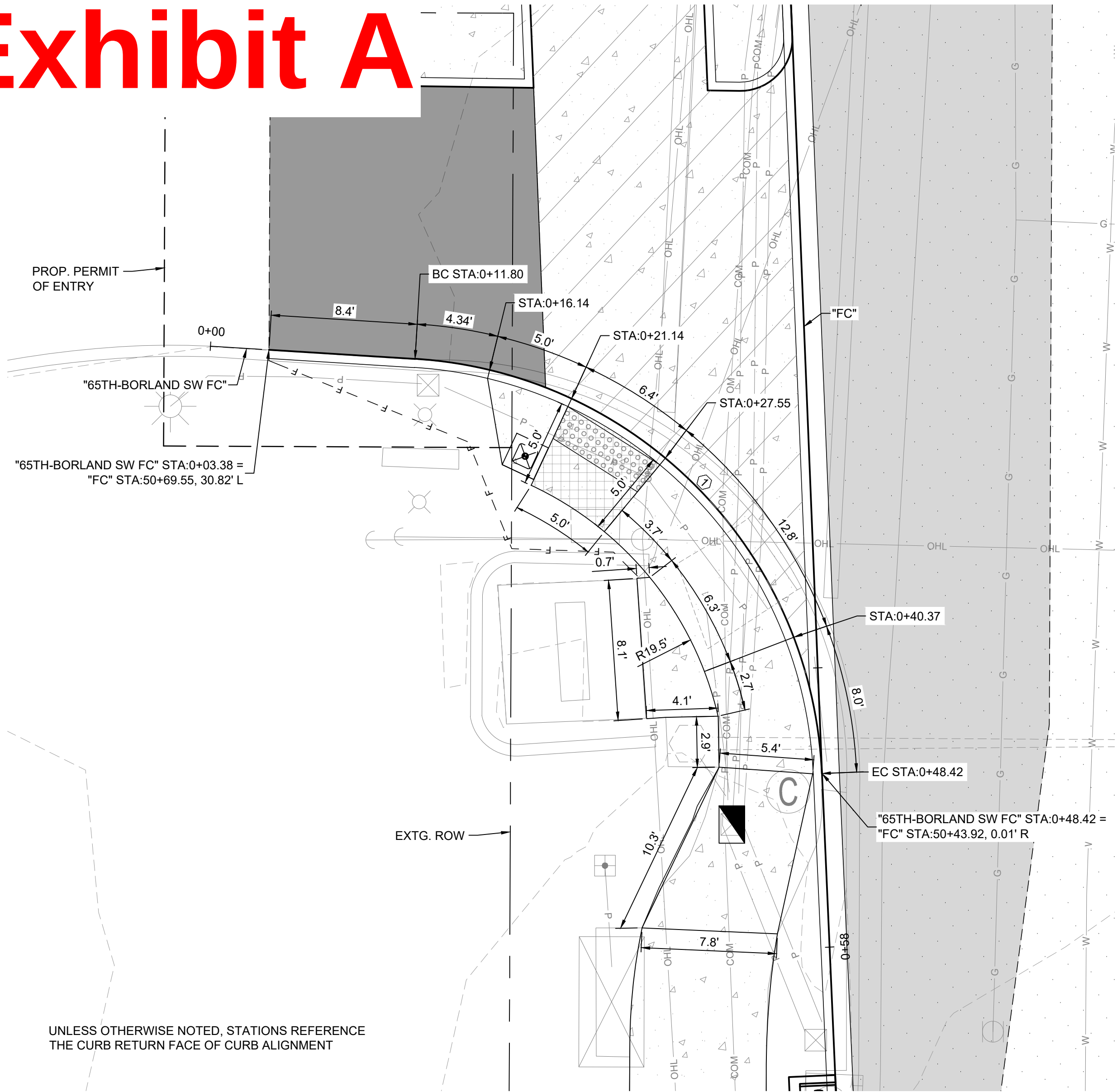


65TH / BORLAND / SAGERT IMPROVEMENTS

CURB RAMPS
CURB RAMP GENERAL NOTES

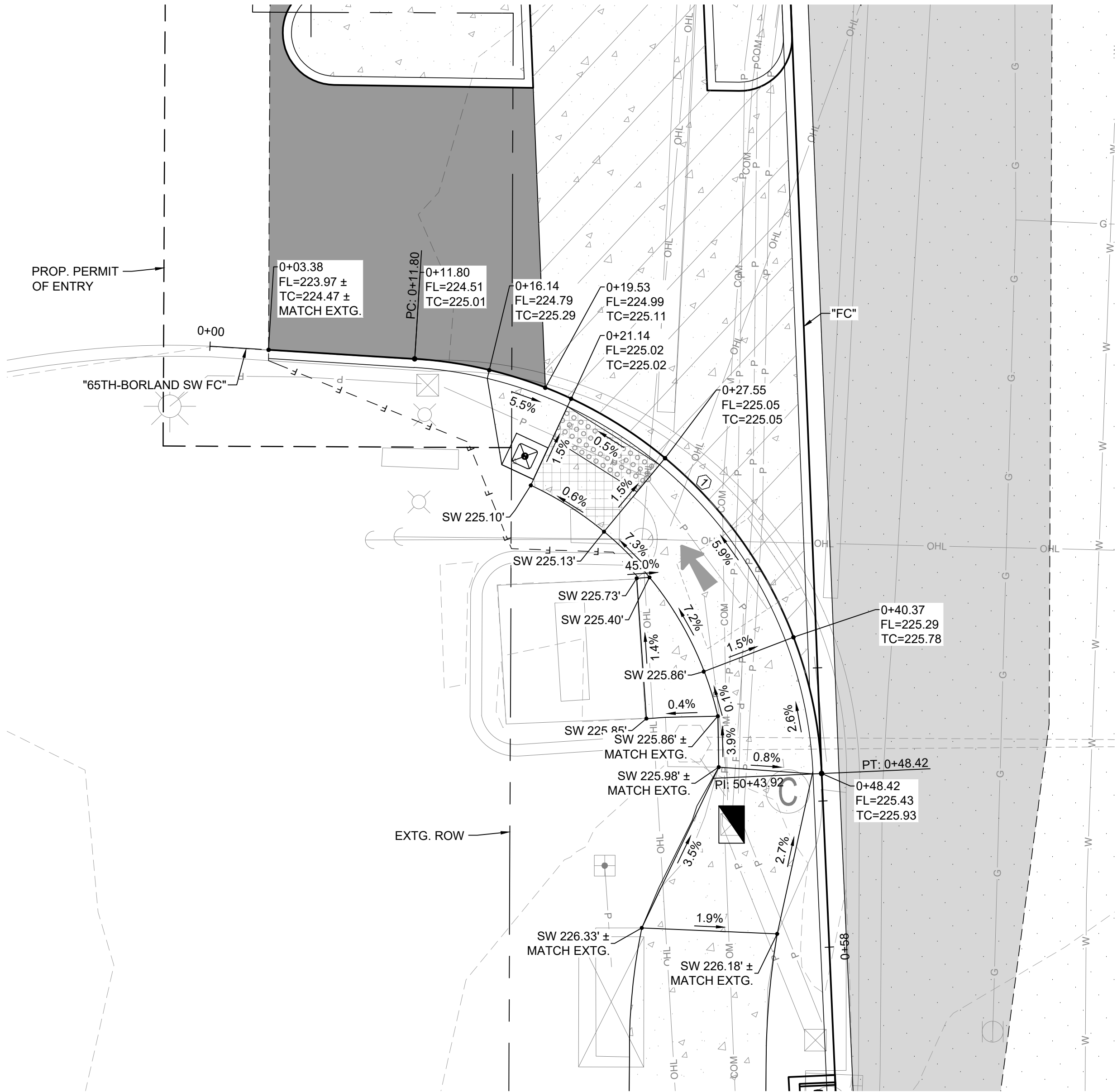
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60 PERCENT SUBMITTAL STATUS		
11/21/2025 DATE		
21757 PROJECT NUMBER		
CR00		
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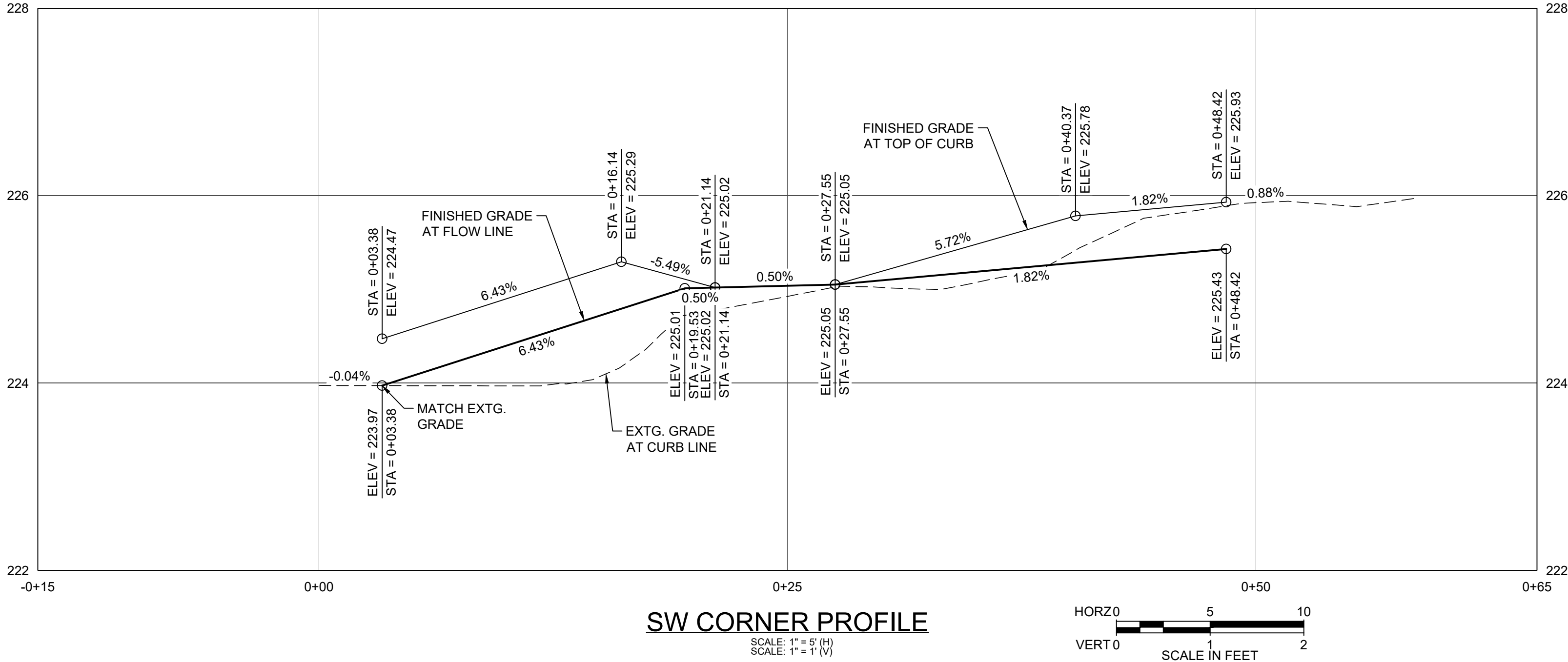


SW CORNER LAYOUT PLAN
SCALE: 1" = 5'-0"

CURB RETURN CURVE DATA		
#	STATION & OFFSET	CURVE
1	BC= 7+20.88 50.59 L "65TH"	D = 83°54'56" R = 25.00 T = 22.48 L = 36.62
	EC= "65TH"	
	6+97.12 27.07 L	



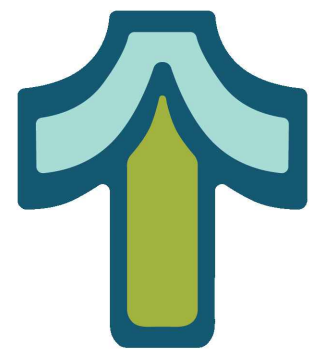
SW CORNER GRADING PLAN
SCALE: 1" = 5'-0"



SW CORNER PROFILE
SCALE: 1" = 1'-0"



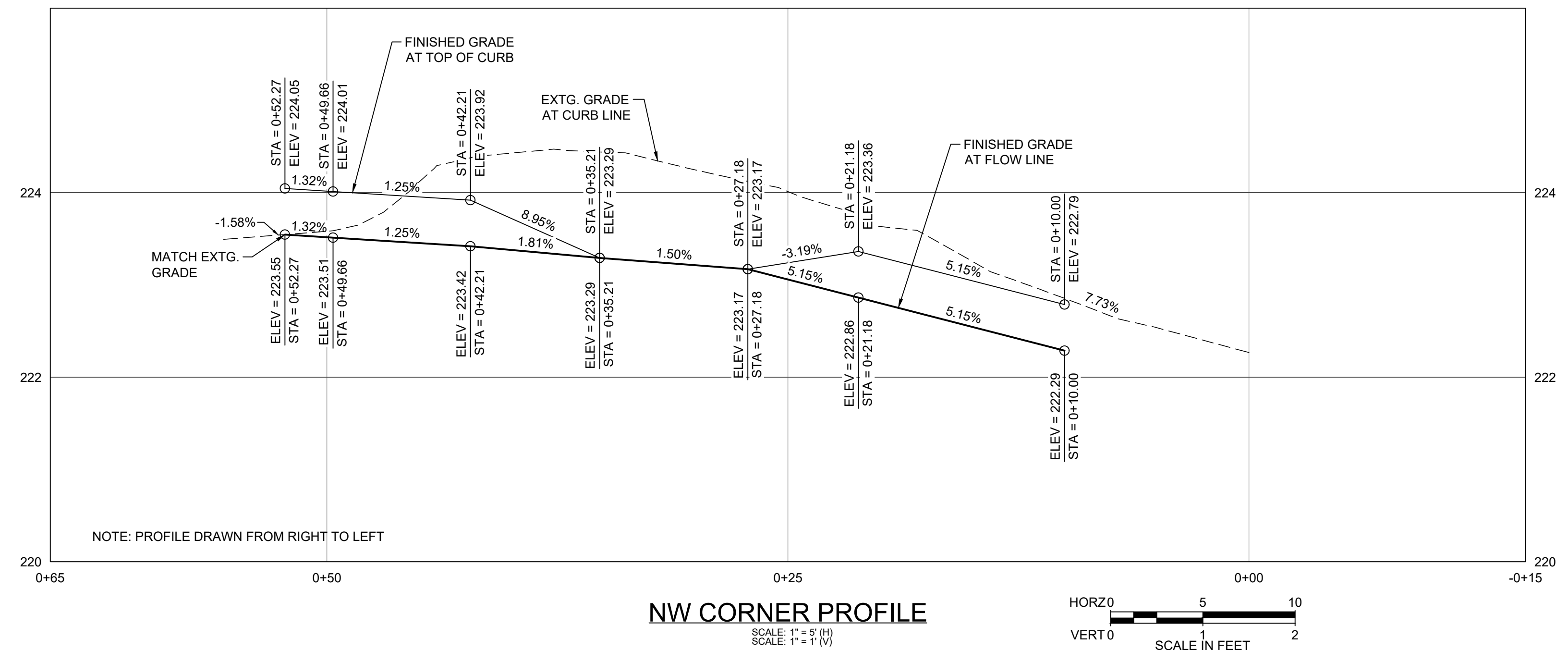
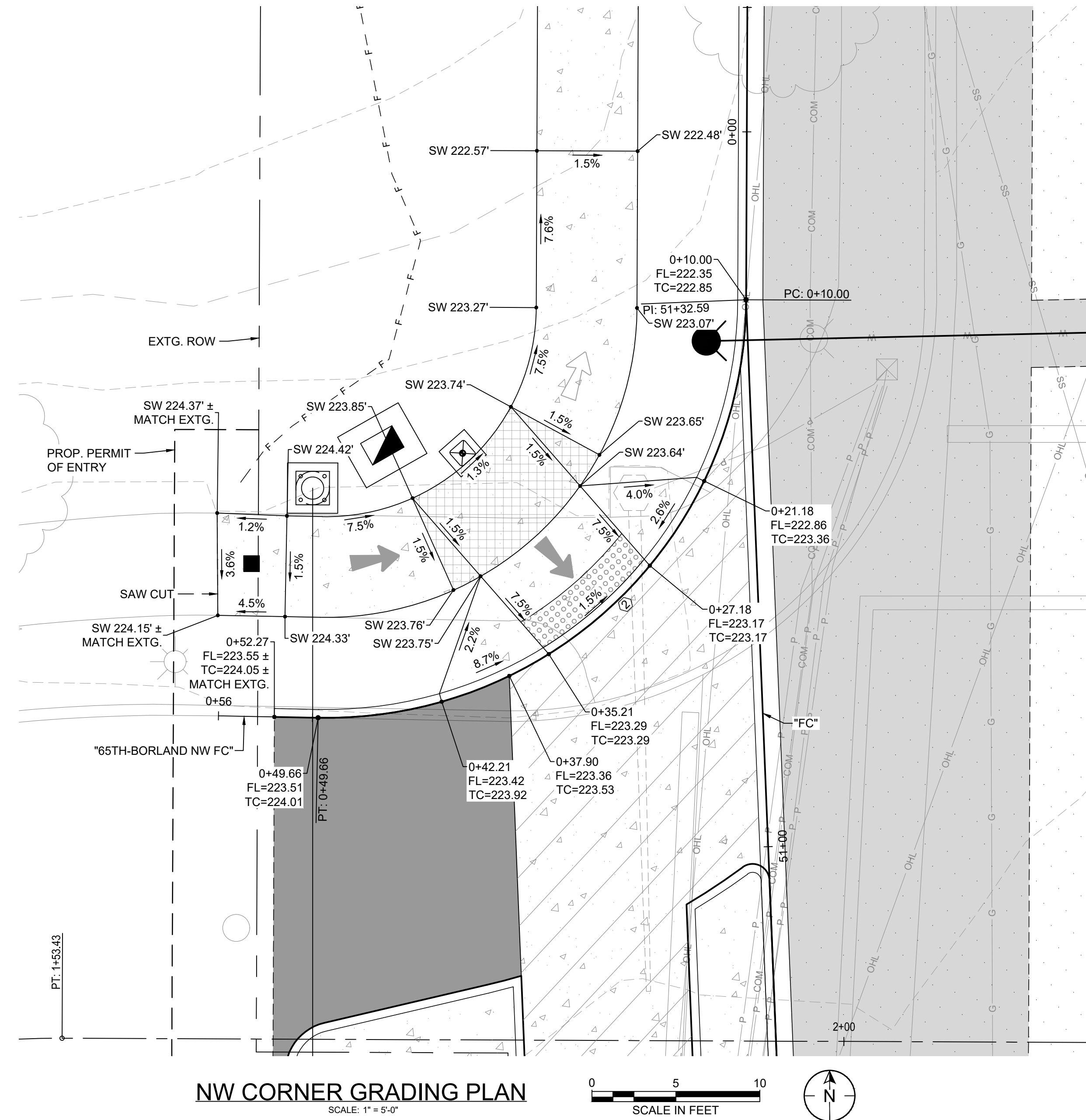
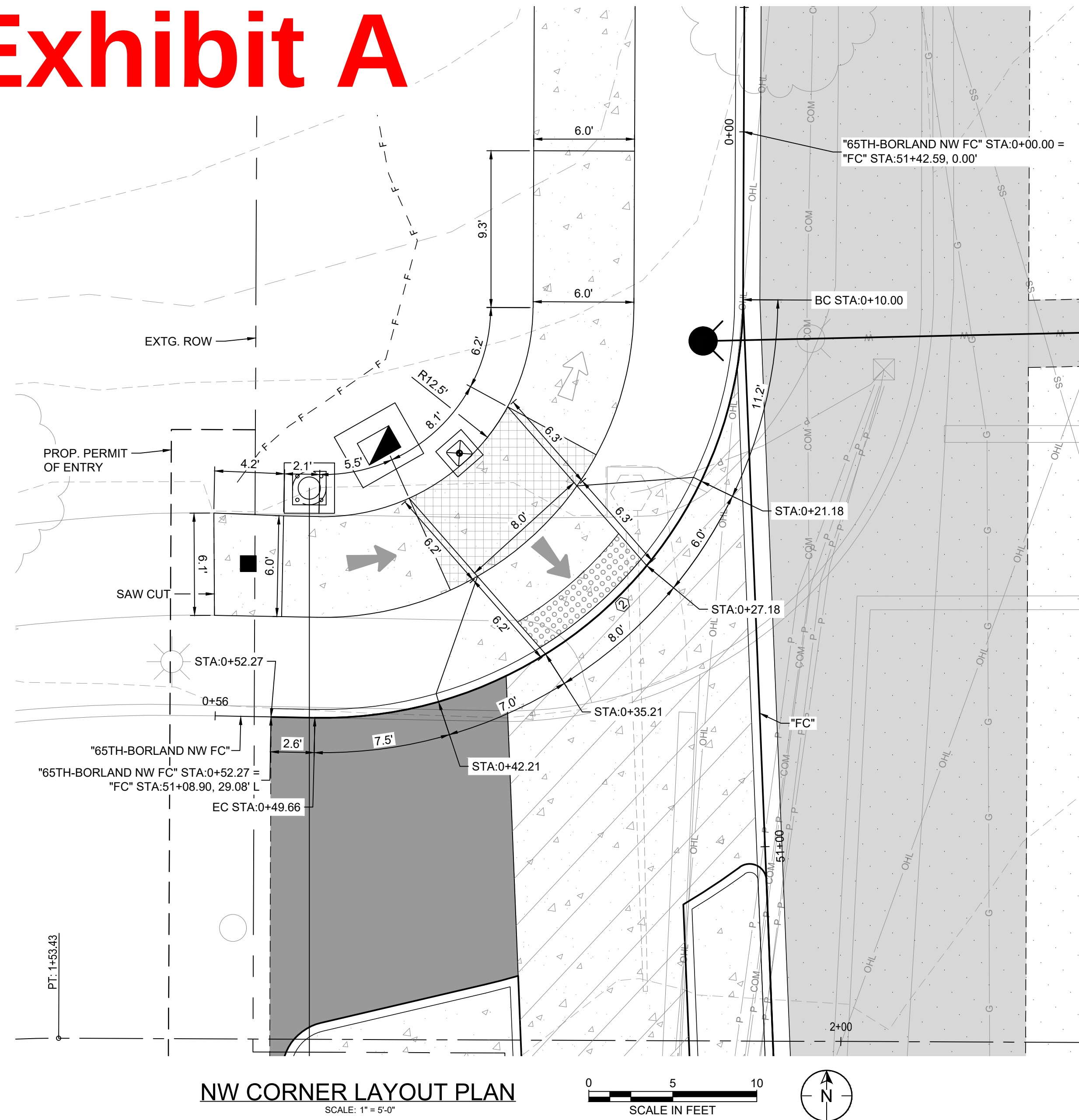
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65TH / BORLAND / SAGERT IMPROVEMENTS
CURB RAMPS
SW CORNER PLAN AND PROFILE

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
DRAWN BY CHECKED BY		
60 PERCENT SUBMITTAL		
STATUS		
11/21/2025		
DATE		
21757		
PROJECT NUMBER		
CR01		
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Exhibit A



CURB RETURN CURVE DATA		
#	STATION & OFFSET	CURVE
2	BC= "65TH" 7+85.71 31.00 L . . . EC= 7+60.71 56.39 L "65TH"	D = 90°53'47" R = 25.00 T = 25.39 L = 39.66

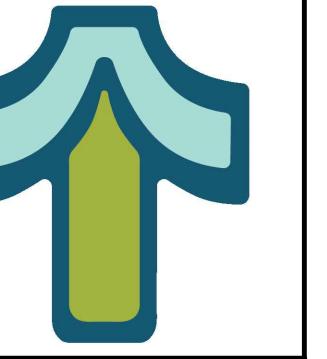
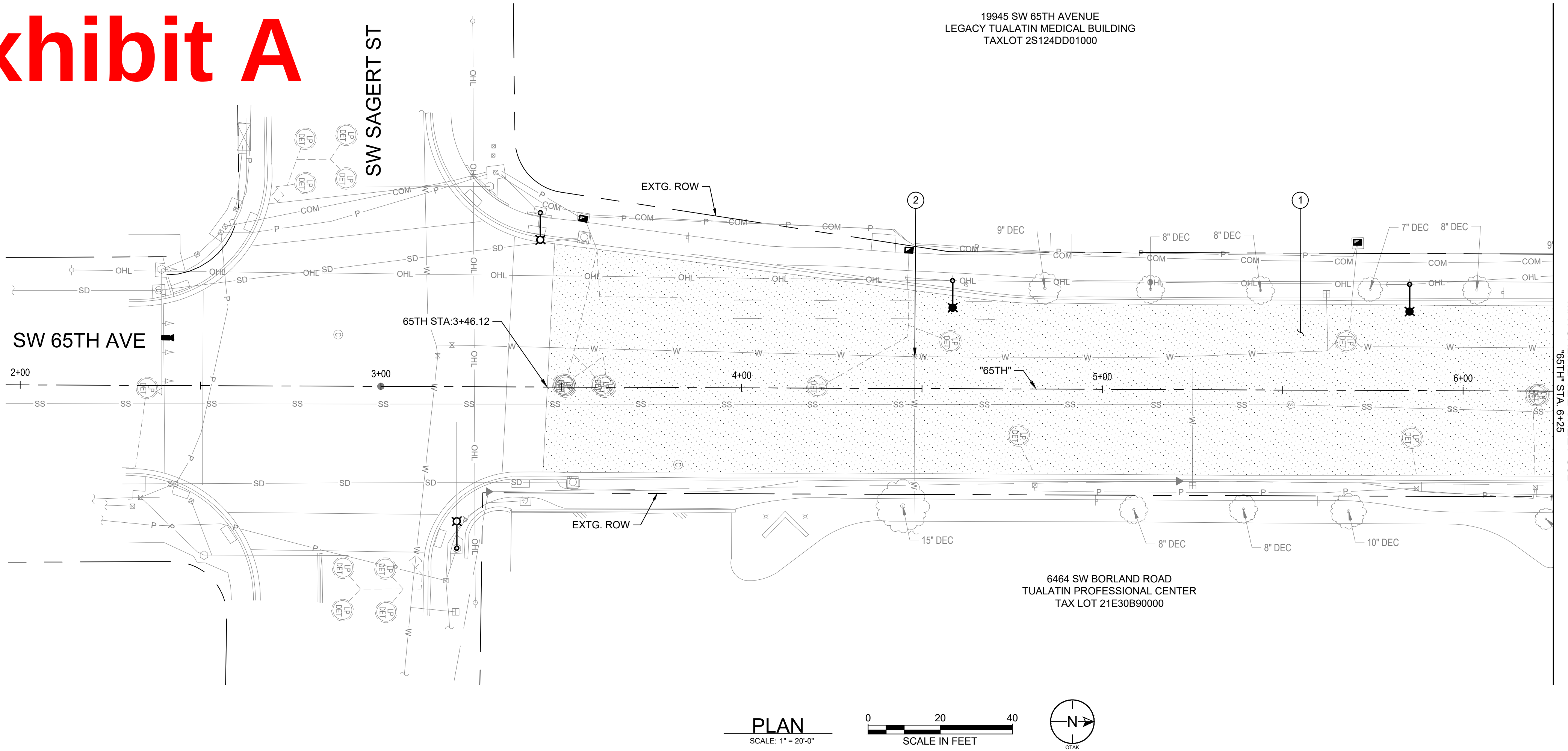


Exhibit A



GENERAL NOTES:

1. FIELD VERIFY EXISTING FEATURES AND UTILITIES.
2. PROTECT ALL EXISTING FEATURES TO REMAIN WHETHER SHOWN OR NOT.
3. FOR EXISTING CONDITIONS AND DEMOLITION PLAN, SEE SHEETS EX01 THRU EX02.
4. FOR EROSION CONTROL, SEE SHEETS EC01 THRU EC03.
5. FOR SIGNINGS/STRIPING, SEE SHEETS SS1 THRU SS6.
6. FOR SIGNAL, SEE SHEETS TS1 THRU TS5.
7. FOR ILLUMINATION, SEE SHEETS IL1 THRU IL3.
8. FOR HORIZONTAL CONTROL, SEE SHEET G04 .
9. UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING UTILITIES.
10. UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING CURB, SIDEWALK, AND SURFACE FEATURES.

KEYNOTES - ROADWAY:

- ① STA "65TH" 3+46.12 TO 12+22.80
CONSTRUCT 2" GRIND AND INLAY
(SEE TYPICAL SECTIONS, SHEETS TS01 THRU TS03)
- ② REMOVE AND REPLACE EXTG. WATER VALVE BOX AND LID
(SEE CITY OF TUALATIN STD. DWG. NO. 600)

LEGEND

- | | |
|-----------|---------------------------------|
| --- | EXISTING RIGHT-OF-WAY |
| --- | PROPERTY LINE |
| --- | PROPOSED PERMIT OF ENTRY |
| --- | SAW CUT |
| - C / F - | CUT / FILL |
| [Pattern] | ASPHALT CONC PAVEMENT |
| [Pattern] | ASPHALT CONC PAVEMENT INLAY |
| [Pattern] | ASPHALT CONC DRIVEWAY |
| [Pattern] | GRAVEL DRIVEWAY |
| [Pattern] | P.C. CONC SIDEWALK |
| [Pattern] | P.C. CONC COMMERCIAL DRIVEWAY |
| [Pattern] | P.C. CONC PRIVATE ROAD ENTRANCE |
| [Pattern] | STANDARD CURB AND GUTTER |
| SD | STORM SEWER LINE |
| W | WATER LINE |
| [Symbol] | CURB INLET |
| [Symbol] | CATCH BASIN |
| [Symbol] | WATER METER |
| [Symbol] | FIRE HYDRANT |
| [Symbol] | TREE REMOVAL |



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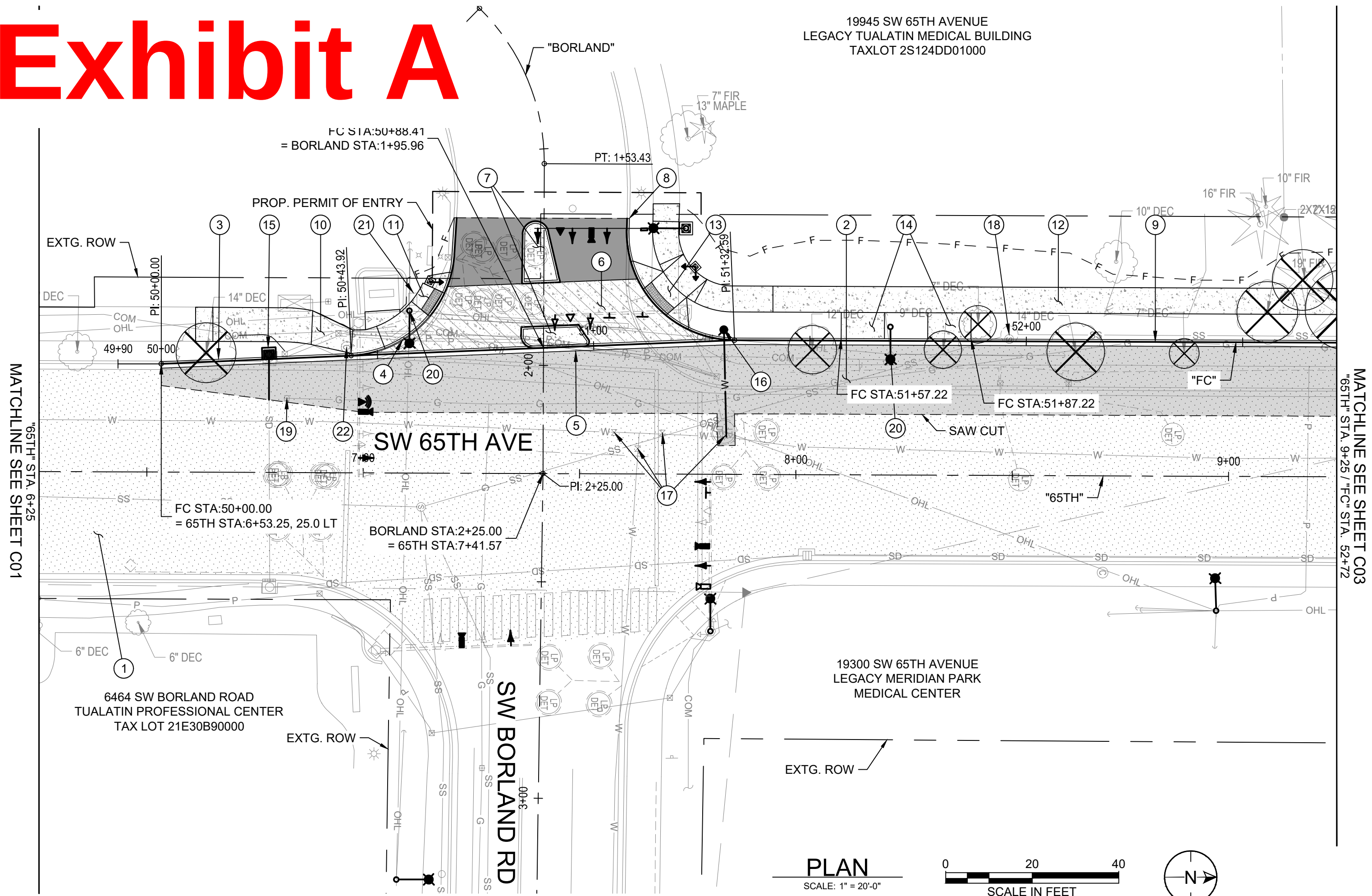
65TH / BORLAND / SAGERT IMPROVEMENTS

ROADWAY PLAN

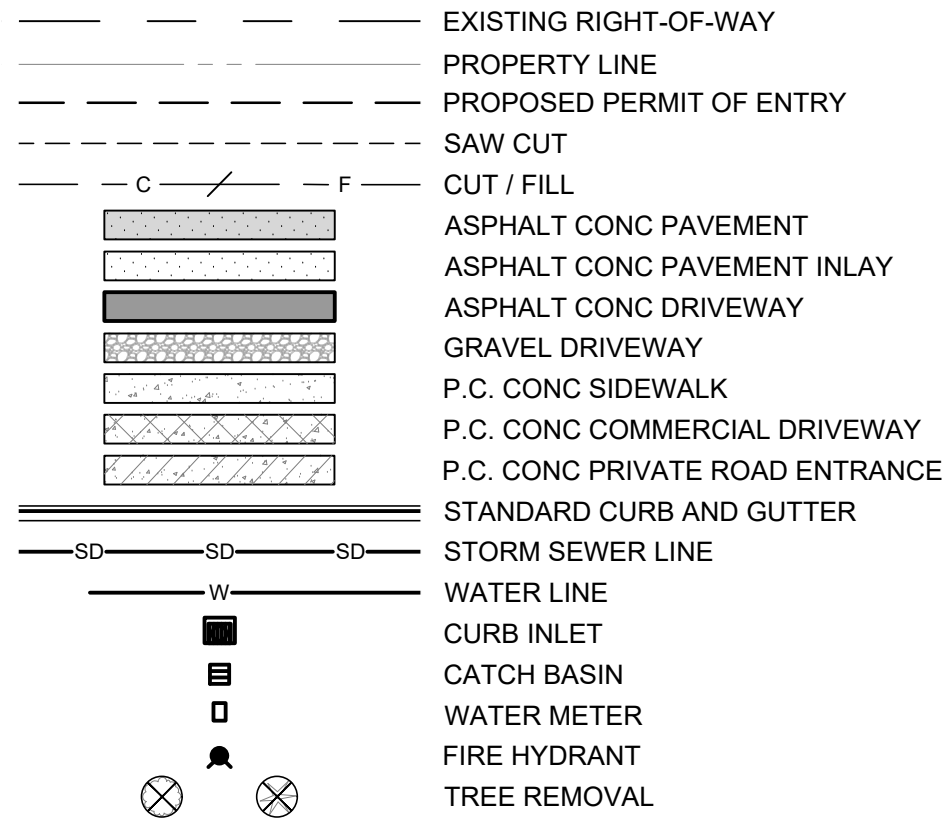
STA. 3+00 TO STA. 6+25

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
DRAWN BY CHECKED BY		
60 PERCENT SUBMITTAL		
STATUS		
11/21/2025		
DATE		
21757		
PROJECT NUMBER		
C01		
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Exhibit A



LEGEND



GENERAL NOTES:

1. FIELD VERIFY EXISTING FEATURES AND UTILITIES.
2. PROTECT ALL EXISTING FEATURES TO REMAIN WHETHER SHOWN OR NOT.
3. FOR EXISTING CONDITIONS AND DEMOLITION PLAN, SEE SHEETS EX01 THRU EX02.
4. FOR EROSION CONTROL, SEE SHEETS EC01 THRU EC03.
5. FOR SIGNINGS/STRIPING, SEE SHEETS SS1 THRU SS6.
6. FOR SIGNAL, SEE SHEETS TS1 THRU TS5.
7. FOR ILLUMINATION, SEE SHEETS IL1 THRU IL3.
8. FOR HORIZONTAL CONTROL, SEE SHEET G04.
9. UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING UTILITIES.
10. UNLESS OTHERWISE SHOWN, PRESERVE AND PROTECT ALL EXISTING CURB, SIDEWALK, AND SURFACE FEATURES.

CONSTRUCTION NOTES:

1. SEE NOTE 1, SHEET C01
CONSTRUCT 2" GRIND AND INLAY
(SEE TYPICAL SECTIONS, SHEETS TS01 THRU TS03)
2. STA "FC" 50+00.00 TO 55+59.09
CONSTRUCT FULL DEPTH PAVEMENT
(SEE TYPICAL SECTIONS, SHEETS TS01 THRU TS03)
3. STA "FC" 50+00.00 TO 50+43.92
CONSTRUCT STANDARD CURB AND GUTTER - 44 LF
(SEE WASH. CO. STD. DET. #2010)
4. STA "FC" 50+43.92 TO 50+69.56, LT
CONSTRUCT STANDARD CURB - 45 LF
(SEE WASH. CO. STD. DET. #2010 AND SHEET CR01)
5. STA "FC" 50+43.92 TO 51+32.59
CONSTRUCT STANDARD CURB AND GUTTER AT PRIVATE ROAD ENTRANCE - 89 LF
CONSTRUCT WITH 3/4" LIP AND TRANSITION TO 0" LIP AT ADA CROSSING.
(SEE WASH. CO. STD. DET. #2010, #1070 AND SHEET DR01)
6. STA "FC" 50+88.41, LT
CONSTRUCT PRIVATE ROAD ENTRANCE
(SEE WASH. CO. STD. DET. #1070 AND SHEET DR01)
7. CONSTRUCT PEDESTRIAN ISLAND - 170 SF
(SEE OREGON STD. DWG. RD705 AND SHEET DR01)
8. STA "FC" 51+08.90 TO 51+32.59, LT
CONSTRUCT STANDARD CURB - 42 LF
(SEE WASH. CO. STD. DET. #2010 AND SHEET CR02)
9. STA "FC" 51+32.59 TO 55+59.09
CONSTRUCT STANDARD CURB AND GUTTER - 427 LF
(SEE WASH. CO. STD. DET. #2010)
10. STA "FC" 50+08.14 TO 50+67.40, LT
CONSTRUCT P.C. CONC. SIDEWALK - 217 SF
(SEE WASH. CO. STD. DET. #2110)
11. CONSTRUCT ADA SIDEWALK RAMP
(FOR DETAIL SEE SHEET CR01)
12. STA "FC" 51+15.08 TO 53+22.44, LT
CONSTRUCT P.C. CONC. SIDEWALK - 1435 SF
(SEE WASH. CO. STD. DET. #2110)
13. CONSTRUCT ADA SIDEWALK RAMP
(FOR DETAIL SEE SHEET CR02)
14. STA "FC" 51+57.22 TO 51+67.22 & 51+77.22 TO 51+87.22, LT
CONSTRUCT P.C. CONC. SIDEWALK FOR BUS STOPS - 120 SF
(SEE WASH. CO. STD. DET. #2110)
15. STA "FC" 50+24.89
CONSTRUCT CATCH BASIN CURB INLET 48-INCH
EXTEND EXISTING PIPE TO NEW INLET
10" STORM SEWER PIPE, 10 LF, S=1.12%
(SEE CITY OF TUALATIN STD. DWG. NO. 042, 241 AND STORM PROFILE ON SHEET C02)
16. STA "FC" 51+30.23
INSTALL FIRE HYDRANT ASSEMBLY, CONNECT TO EXISTING VALVE AT MAIN
(SEE CITY OF TUALATIN STD. DWG. NO. 610 AND 241)
17. REMOVE AND REPLACE EXTG. WATER VALVE BOX AND LID
(SEE CITY OF TUALATIN STD. DWG. NO. 600)
18. ROTATE EXTG. SANITARY SEWER MANHOLE CONE INTO LANDSCAPE STRIP, RELOCATE MANHOLE STEPS, AND ADJUST TO FINISHED GRADE.
19. ADJUST GAS VALVE TO FINISHED GRADE.
20. RELOCATE EXTG. UTILITY POLE, BY OTHERS.
21. RELOCATE EXTG. COMMUNICATION BOX, BY OTHERS.
22. ADJUST EXISTING VAULT LID TO FINISHED GRADE, BY OTHERS.



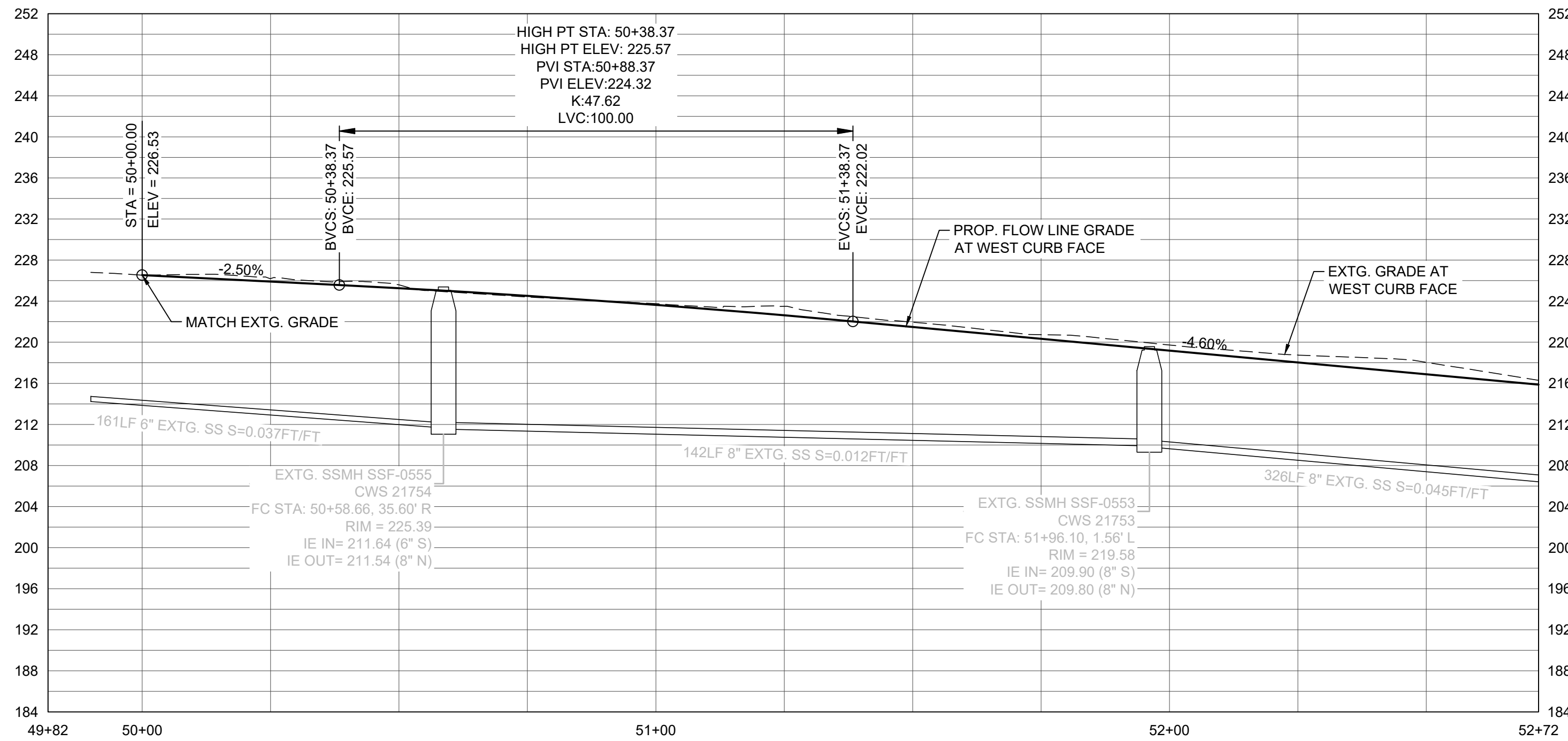
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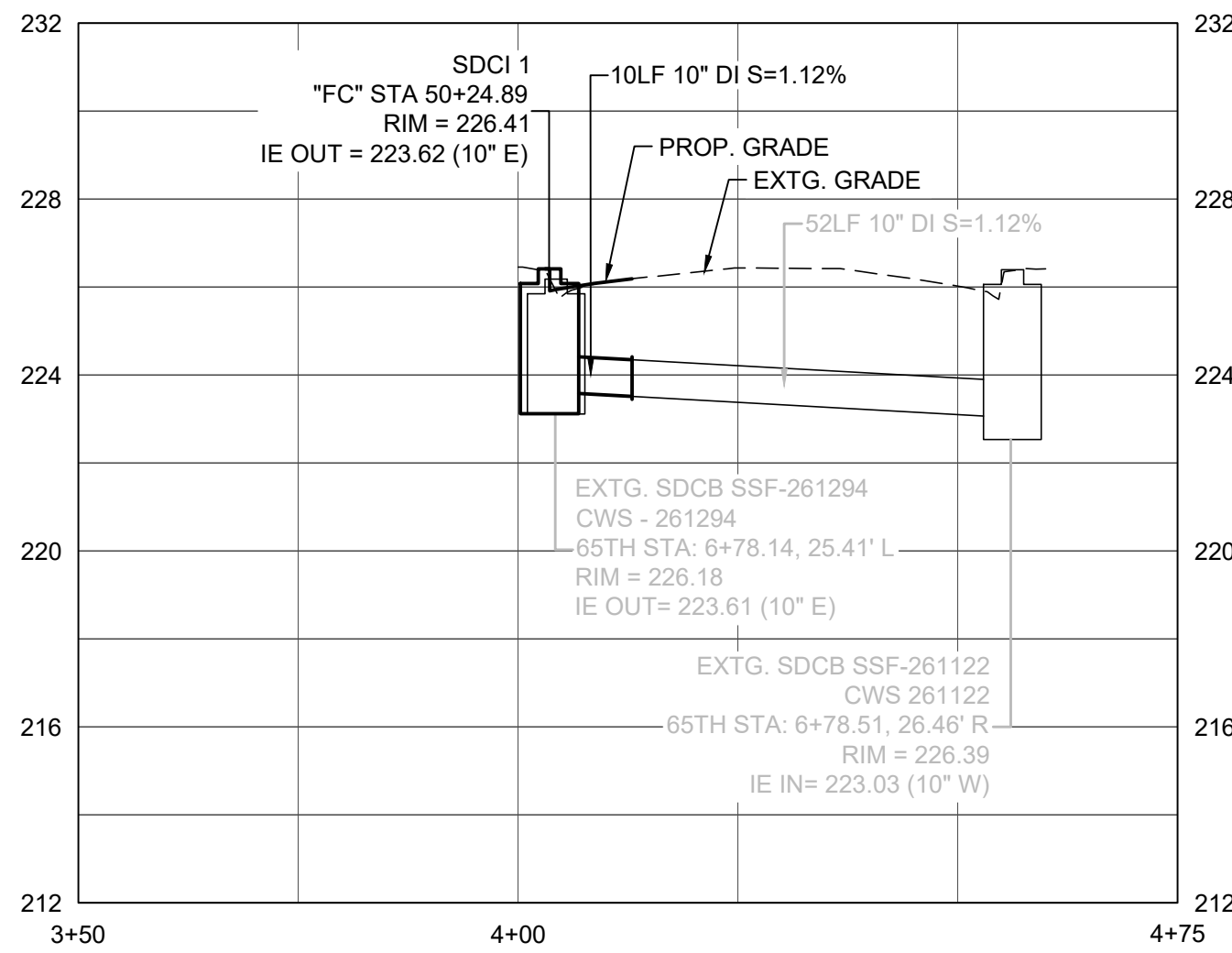
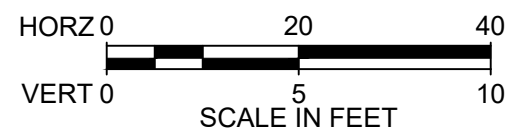
ROADWAY PLAN AND PROFILE

STA. 6+25 TO STA. 9+25



FACE OF CURB PROFILE

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



SDCB 1 STORM LATERAL PROFILE

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



Exhibit A

- EX

C

RETAIN AND PROTECT EXISTING MODEL A1C CONTROLLER AND MODEL 332 CABINET.
- C

CONTROLLER CABINET (SEE SIGNAL PLAN).
- CID

INSTALL RADAR CABINET INTERFACE DEVICE WITH SDLC CABLE.
- FLIR

INSTALL FLIR Ti BPL3 EDGE IN CONTROLLER CABINET RACK AND A4 CARD IN CONTROLLER.
- PIM

INSTALL PORT-1 INTERFACE MODULE IN CONTROLLER CABINET RACK TO CONNECT TO SDLC.
- SDLC

INSTALL SYNCHRONOUS DATA LINK CONTROL (SDLC) CONNECTION (AGENCY INSTALLED).

CABINETS

- EX

TC

RETAIN AND PROTECT EXISTING TERMINAL CABINET.
- EX

SC

RETAIN AND PROTECT EXISTING SERVICE CABINET.

POLES

- EX

MP

RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM POLE.
- RX

MP

REMOVE EXISTING TRAFFIC SIGNAL MAST ARM POLE.
- WCSM

T

INSTALL TYPE (T=TYPE) WASHINGTON COUNTY STANDARD TRAFFIC SIGNAL MAST ARM POLE, AS PER DRG. COUNTY STANDARD DETAILS 6911-6913 AND 6921-6922.
- MA

L

INSTALL (L=LENGTH) FOOT TRAFFIC SIGNAL MAST ARM.
- LA

L

INSTALL (L=LENGTH) FOOT LUMINAIRE ARM.
- PP

INSTALL PEDESTRIAN SIGNAL PEDESTAL WITH FRANGIBLE BASE.

SIGNALS

- EX

P

RETAIN AND PROTECT EXISTING PEDESTRIAN SIGNAL.
- RX

B

REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND INSTRUCTION SIGN.
- RX

V

REMOVE EXISTING VEHICLE SIGNAL.
- RX

P/B

REMOVE EXISTING PEDESTRIAN SIGNAL, PUSHBUTTON AND INSTRUCTION SIGN.
- V

Ph

INSTALL (L=LENGTH) FOOT TRAFFIC SIGNAL MAST ARM.
- C/A

Ph

INSTALL PHASE (Ph=PHASE) PEDESTRIAN SIGNAL AND APS PUSHBUTTON WITH MOUNT AND INSTRUCTION SIGN (R10-3).
- B

Ph

INSTALL PHASE (Ph=PHASE) APS PEDESTRIAN PUSHBUTTON WITH MOUNT AND INSTRUCTION SIGN (R10-3).

SIGNS

- EX

AL

RETAIN AND PROTECT EXISTING ALUMINUM SIGN AND MOUNT.
- RX

AL

REMOVE EXISTING ALUMINUM SIGN AND MOUNT.
- *

SEE SIGNING PLANS FOR DETAILS ON SIGN AND ATTACHMENT.
- AL

5R

INSTALL ALUMINUM (30"x36") RIGHT ARROW "ONLY" SIGN (R3-5R) ASTM TYPE IX SHEETING.

LUMINAIRES

- LED

INSTALL LIGHT EMITTING DIODE LUMINAIRE (SEE SPECIAL PROVISIONS). BOND LUMINAIRE TO POLE GROUNDING TERMINAL. SEE POLE ENTRANCE CHART.

SIGNAL LEGEND

FIRE PREEMTION

- EX

FD

RETAIN AND PROTECT EXISTING FIRE PREEMPTION DETECTOR UNIT.
- RX

FD

REMOVE EXISTING FIRE PREEMPTION DETECTOR UNIT.
- FN

Ch

INSTALL CHANNEL (Ch=CHANNEL), (N=NUMBER) BARREL FIRE PREEMPTION DETECTOR UNIT.
- FF

Ch

INSTALL CHANNEL (Ch=CHANNEL) FIRE PREEMPTION DETECTOR FEEDER CABLE.

DETECTION

- IDC

Ph

INSTALL TRAFISENSE2 THERMAL DETECTION CAMERA FOR VEHICLE PHASE (Ph=PHASE). SEE POLE ENTRANCE CHART FOR MOUNTING LOCATION
- Ph

T

X

INSTALL PHASE (Ph=PHASE) DETECTION ZONE ON RADAR/CAMERA (T=RADAR/CAMERA) WITH ATC MAXTIME NUMBER (X=NUMBER).
- AX

D

ABANDON EXISTING DETECTOR LOOPS AND LOOP FEEDER CABLES.

CONDUIT

- EX

EC

RETAIN AND PROTECT EXISTING ELECTRICAL CONDUIT.
- EX

DC

RETAIN AND PROTECT EXISTING DETECTOR CONDUIT.
- AX

C

ABANDON EXISTING CONDUIT.
- S

INSTALL (S=SIZE) INCH CONDUIT.
- EC

SIGNAL CONDUIT (SEE SIGNAL PLAN)
- DC

DETECTOR CONDUIT (SEE DETECTOR PLAN)
- W

INSTALL CONDUIT AND WIRE AS REQUIRED BY POWER COMPANY.
- HDD

INSTALL CONDUIT BY HORIZONTAL DIRECTION DRILLING. OPEN TRENCH NOT ALLOWED.

JUNCTION BOXES

- EX

JB

RETAIN AND PROTECT EXISTING JUNCTION BOX.
- RX

JB

REMOVE EXISTING JUNCTION BOX.
- AX

JB

ABANDON EXISTING JUNCTION BOX.
- JB

2A

INSTALL 22"x12"x12" (MIN. DIMENSION) PRECAST CONCRETE OR JUNCTION BOX WITH CONCRETE APRON.
- JB

SP

JUNCTION BOX (SEE SIGNAL PLAN)

WIRES AND CABLES

- N

G

INSTALL (N=NUMBER) NO. (G=WIRE SIZE) AWG THWN WIRE(S).
- VDF

Ph

INSTALL 3-CONDUCTOR CABLE PHASE (Ph=PHASE) THERMAL DETECTION CAMERA. SEE SPECIAL PROVISIONS.
- RCC

T

INSTALL RADAR CONTROL CABLE (T=RADAR UNIT ID).
- X-N

G

INSTALL (X=NUMBER OF CABLES) CONTROL CABLE(S) WITH (N=NUMBER) (G=AWG WIRE SIZE) AWG CONDUCTORS.

MISCELLANEOUS

- EX

CAM

MAINTAIN AND PROTECT EXISTING TRAFFIC CAMERA.

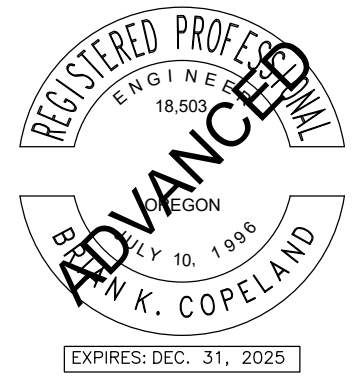
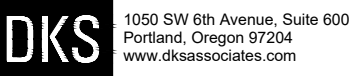
HEADS AND BRACKETS

- 2 = 12"R, 12"Y, 12"G
- 3L = 12"RLTA, 12"YLTA, 12"GLTA
- 3R = 12"RRTA, 12"YRTA, 12"GRTA

- AB = ADJUSTABLE SIGN BRACKET ASSEMBLY W/ RAIN CAP (S)
(INSTALL 1" GALVANIZED CHASE NIPPLE).
- B = ADJUSTABLE SIGNAL BRACKET ASSEMBLY W/RAIN CAP(S)

GENERAL NOTES

1. FURNISH AND INSTALL TRAFFIC SIGNAL AND ASSOCIATED EQUIPMENT IN ACCORDANCE WITH WASHINGTON COUNTY STANDARDS AND PRACTICES.
2. VERIFY THE LOCATIONS OF EXISTING UTILITIES AND COORDINATE WORK WITH THE UTILITY COMPANIES/AGENCIES TO ELIMINATE ANY CONFLICTS.
3. LOCATIONS OF ALL POLES, CONDUITS, SIGNAL HEADS, AND JUNCTION BOXES (AS SHOWN ON THE PLANS) ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE AS DESIGNATED IN THE FIELD BY THE ENGINEER. PLACE CONDUIT IN THE SAME TRENCH WITH OTHER CONDUITS WHENEVER POSSIBLE.
4. FOR POLES IN SIDEWALK OR PAVED AREAS, LEAVE THE TOP OF THE POLE FOUNDATION 4" BELOW FINISHED GRADE SO THE SIDEWALK CAN BE POURED MONOLITHICALLY ADJACENT TO THE POLE.
5. ACCOMPANIED BY ODOT STANDARD DRAWINGS TM450, TM457, TM460, TM462, TM466, TM467, TM471, TM472, TM482, TM485, TM679, AND WASHINGTON COUNTY STANDARD DETAILS 6911, 6912, 6913, 6921, AND 6922.



65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNAL LEGEND

TITLE	
#	DESCRIPTION
REVISIONS	
DATUM	
PCB	ALC
DRAWN BY	CHECKED BY
60 PERCENT QA/QC STATUS	
11/10/2025 DATE	
21757 PROJECT NUMBER	
TS1	
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Exhibit A

- # SIGNAL MODIFICATION PLAN

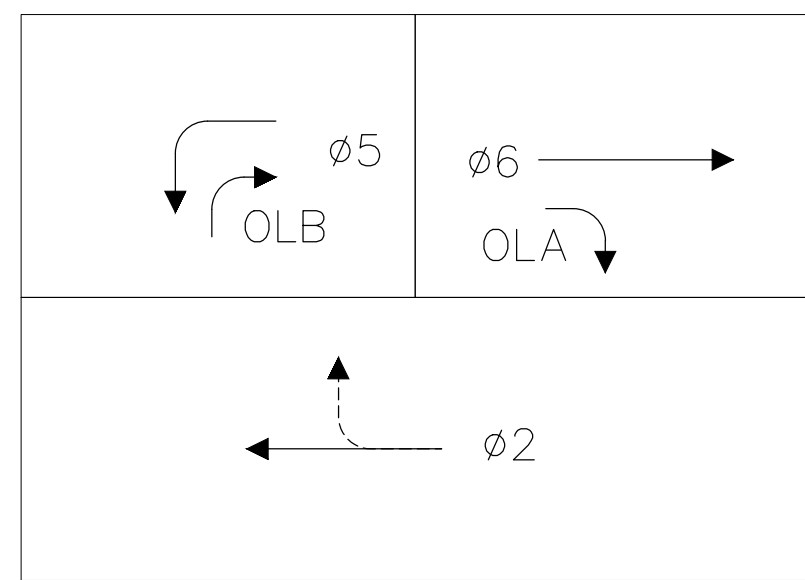


Diagram of a 2-qubit gate with two controls and one target. The first control is labeled $\phi 7$ and the second control is labeled $\phi 8$. The target is represented by a vertical line with a circle at the bottom.

The diagrams illustrate three types of pipe connections:

- Tee:** Shows a horizontal pipe with a vertical branch. The 3D view shows the pipes meeting at a T-junction. The 2D schematic shows a horizontal line with a vertical line intersecting it from the top. Labels include $\phi 2$ for the top branch, $\phi 5$ for the bottom branch, and $\phi 7$ for the main horizontal pipe.
- Elbow:** Shows a 90-degree turn in a pipe. The 3D view shows the pipe bending. The 2D schematic shows a horizontal line turning 90 degrees into a vertical line. Labels include $\phi 7$ for the horizontal section and OLB for the elbow fitting.
- Cross:** Shows two pipes intersecting at a right angle. The 3D view shows the pipes crossing. The 2D schematic shows a horizontal line and a vertical line intersecting. Labels include $\phi 6$ for the horizontal pipe and OLA for the cross fitting.

FIRE PREEMPTION OPERATION

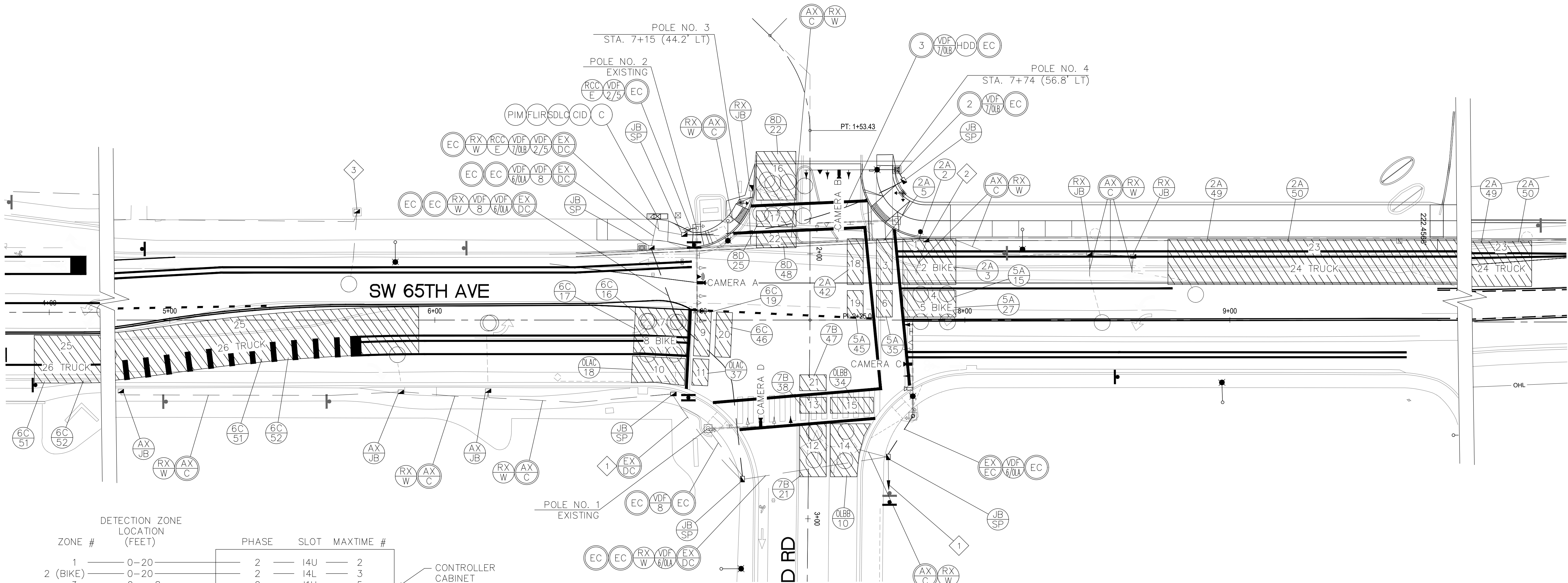
GENERAL NOTES

Exhibit A

DETECTOR PLAN

CONSTRUCTION NOTES

- 1 ABANDON EXISTING CONDUIT, REMOVE EXISTING LOOP FEEDER CABLES, AND ABANDON JUNCTION BOX FOR ADVANCED LOOPS.
- 2 EXISTING JUNCTION BOX TO BE REMOVED. SEE SIGNAL PLAN.
- 3 SEE 65TH AND SAGERT SIGNAL MODIFICATION PLAN ON SHEET TS5.



ZONE #	DETECTION ZONE LOCATION (FEET)	PHASE	SLOT	MAXTIME	#
1	0-20	2	I4U	2	
2 (BIKE)	0-20	2	I4L	3	
3	-2- -8	2	I1U	5	
4	0-20	5	J9U	15	
5 (BIKE)	0-20	5	J9L	27	
6	-2- -8	5	J3U	35	
7	0-20	6	J4U	16	
8 (BIKE)	0-20	6	J4L	17	
9	-2- -8	6	J1U	19	
10	0-20	OLA	I10U	18	
11	-2- -8	OLA	I1L	37	
12	0-20	7	I7U	21	
13	-2- -8	7	I7L	38	
14	0-20	OLB	J10L	10	
15	-2- -8	OLB	J1L	34	
16	0-20	8	J7U	22	
17	-2- -8	8	J3L	25	
18	-10- -16	2	I5U	42	
19	-10- -16	5	J3L	45	
20	-10- -16	6	J5U	46	
21	-10- -16	7	I5L	47	
22	-10- -16	8	J5L	48	
23*	100-300	2	I2U	49	
24 (TRUCK)*	100-300	2	I2L	50	
25	100-200	6	J2U	51	
26 (TRUCK)*	100-200	6	J2L	52	

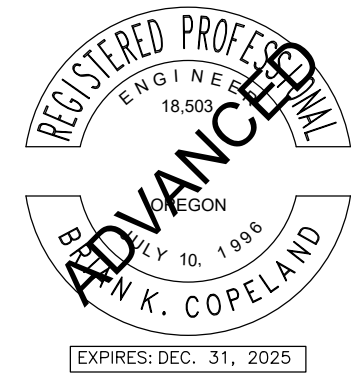
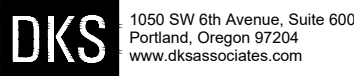
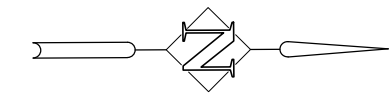
DETECTION ZONE WIRING DIAGRAM

"DETECTION ZONE LOCATION" IS FROM STOP LINE TO NEAR EDGE

DESIGN APPROACH SPEEDS

STREET	DESIGN SPEED
SW 65TH AVE	35 MPH
SW BORLAND ST	35 MPH

NOTE:
SEE SHEET TS1 FOR LEGEND



65TH / BORLAND / SAGERT IMPROVEMENTS

DETECTOR PLAN - 65TH AND BORLAND

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	CHECKED BY
DRAWN BY		
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
21757 PROJECT NUMBER		
TS3		
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Exhibit A

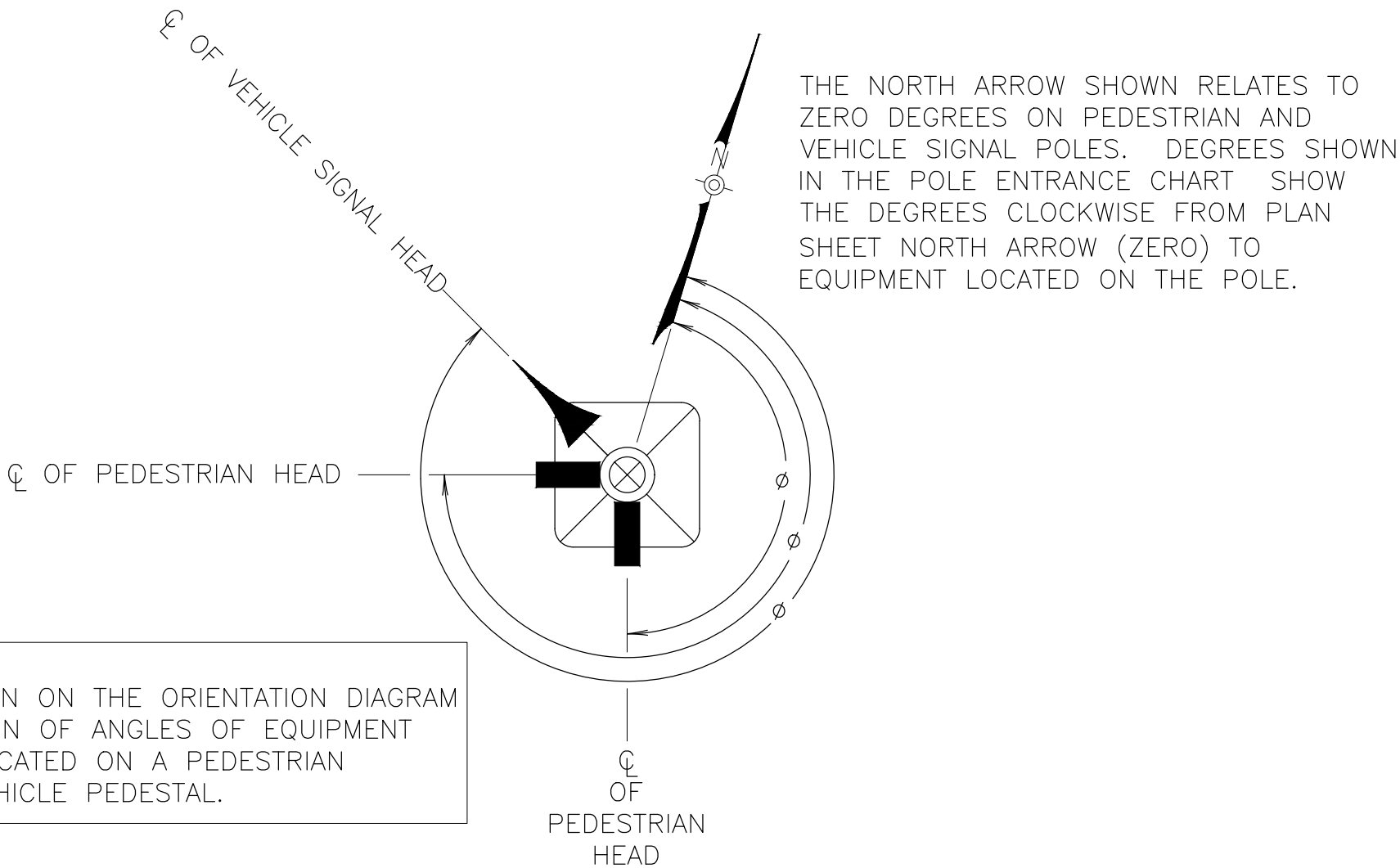
SIGNAL DETAILS

POLE ENTRANCE CHART

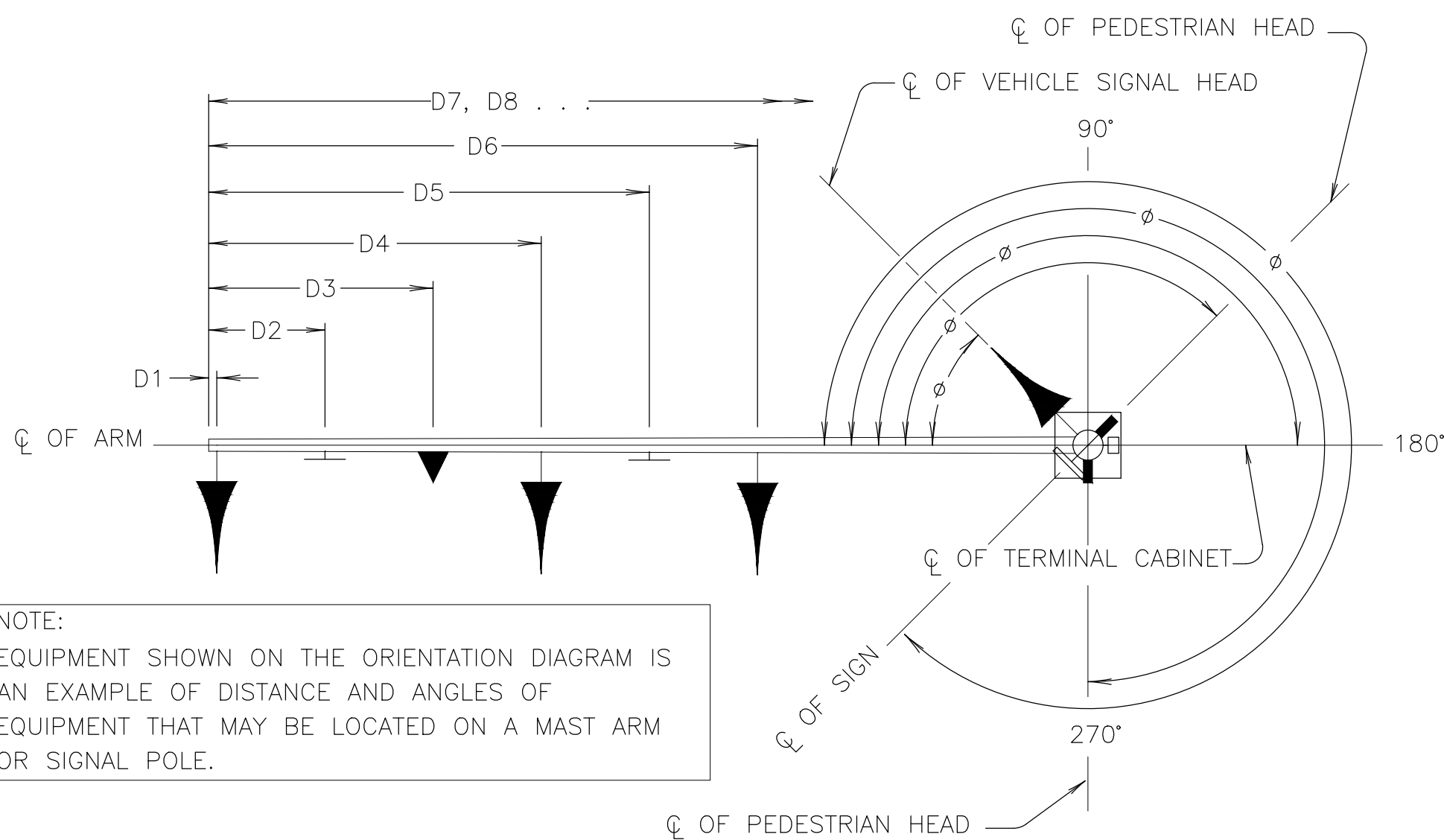
SEE WASHINGTON COUNTY STANDARD DRAWINGS 6911, 6912, 6913			EQUIPMENT ON POLE				EQUIPMENT ON MAST ARM (LENGTH IN FEET AND EQUIPMENT TYPE)										FOUNDATION INFORMATION (SEE WASHINGTON COUNTY STANDARD DRAWINGS 6921 & 6922			LUMINAIRES				FIXTURES			
POLE NO.	SHEET NO.	TYPE	PED. SIGNAL DEG.	PED. PUSHBUTTON DEG.	TERM. CABINET DEG.	PHOTO CELL DEG.	ARM LENGTH	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	STANDARD FOOTING TYPE (WASH CO #6921 & #6922)	FOOTING DEPTH SQUARE	FOOTING DEPTH ROUND	ARM LENGTH	ARM DEGREE	MOUNTING HEIGHT	TYPE	DIST. TYPE	DRIVE CURRENT	WATTAGE
1	TS2	EX MAP	EX	270	EX		EX	10.0 V2*	16.0 TDC	20.0 EX V	27.0 EX SNS							EX	EX	EX							
2	TS2	EX MAP	EX		EX	90	EX	4.0 V3L	8.0 EX F	12.0 V2	15.0 TDC	17.0 R	20.0 V2*	27.0 EX SNS				EX	EX	EX							
3	TS2	PP	90	110	180																						
4	TS2	WCSM3L					35	1.0 V3L	6.0 F	9.0 V3L	13.0 TDC	17.0 V3R	20.0 SA	26.0 SNS				WCSM3L	15'–0"	14'–0"	15	0	35	LED	III	700	88
5	TS2	PP	90	90																							
6	TS2	EX MAP	EX	0/270	EX		EX	0.0 V2*	3.0 SA	8.0 EX F	10.0 EX V	16.0 TDC	20.0 V2*	27.0 EX SNS							EX	EX	EX	LED	III	700	88
7																											
8																											
9																											
10																											

NOTES:

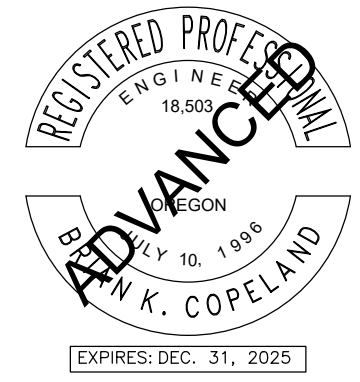
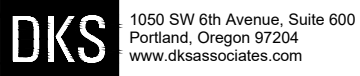
- V2 = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE BRACKET MOUNT. TENON NOT REQUIRED (SEE ODOT STD. DWG. TM462)
V3R = TRAFFIC SIGNAL TYPE 3R, ADJUSTABLE BRACKET MOUNT. TENON NOT REQUIRED (SEE ODOT STD. DWG. TM462)
V3L = TRAFFIC SIGNAL TYPE 3L, ADJUSTABLE BRACKET MOUNT. TENON NOT REQUIRED (SEE ODOT STD. DWG. TM462)
F = FIRE PREEMPTION DETECTOR (SEE ODOT STD. DWG. TM462)
SA = SIGN, 30" X 36" ALUMINUM W/ ADJUSTABLE BRACKET MOUNT (SEE ODOT STD. DWG. TM465)
SNS = STREET NAME SIGN W/ SIGNAL MAST ARM MOUNT (SEE SIGNAL PLANS)
TDC = TRAFFISENSE AI DETECTION CAMERA
R = WAVETRONIX RADAR UNIT
EX = EXISTING
* = MOUNT EQUIPMENT USING EXISTING TENON ON EXISTING MAST ARM. DO NOT MOUNT USING ADJUSTABLE BRACKET MOUNT.



PEDESTRIAN PEDESTAL / VEHICLE PEDESTAL
ORIENTATION DIAGRAM



MAST ARM POLE ORIENTATION DIAGRAM



65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNAL DETAILS - 65TH AND BORLAND

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
21757 PROJECT NUMBER		
TS4		
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GENERAL NOTES

Exhibit A

CTION

N.

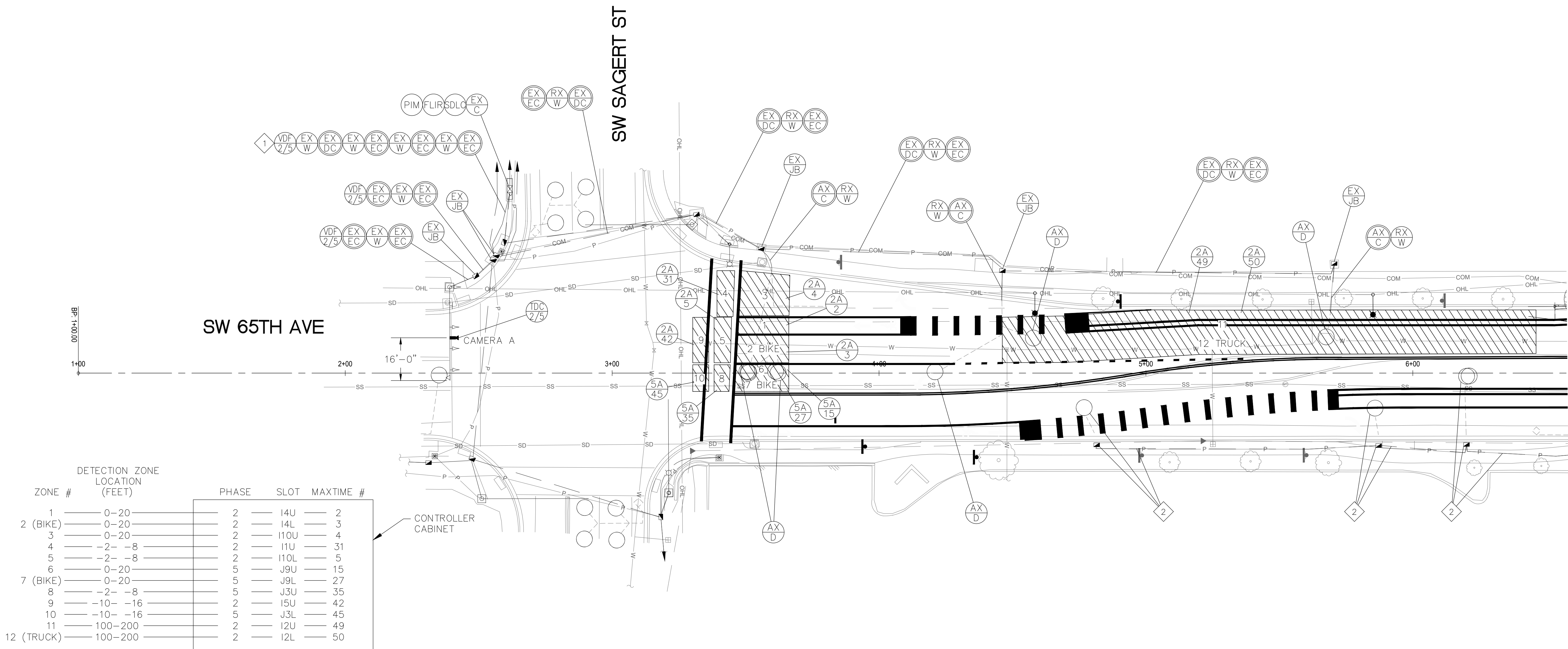
SIGNAL MODIFICATION PLAN

CONSTRUCTION NOTES

- 1

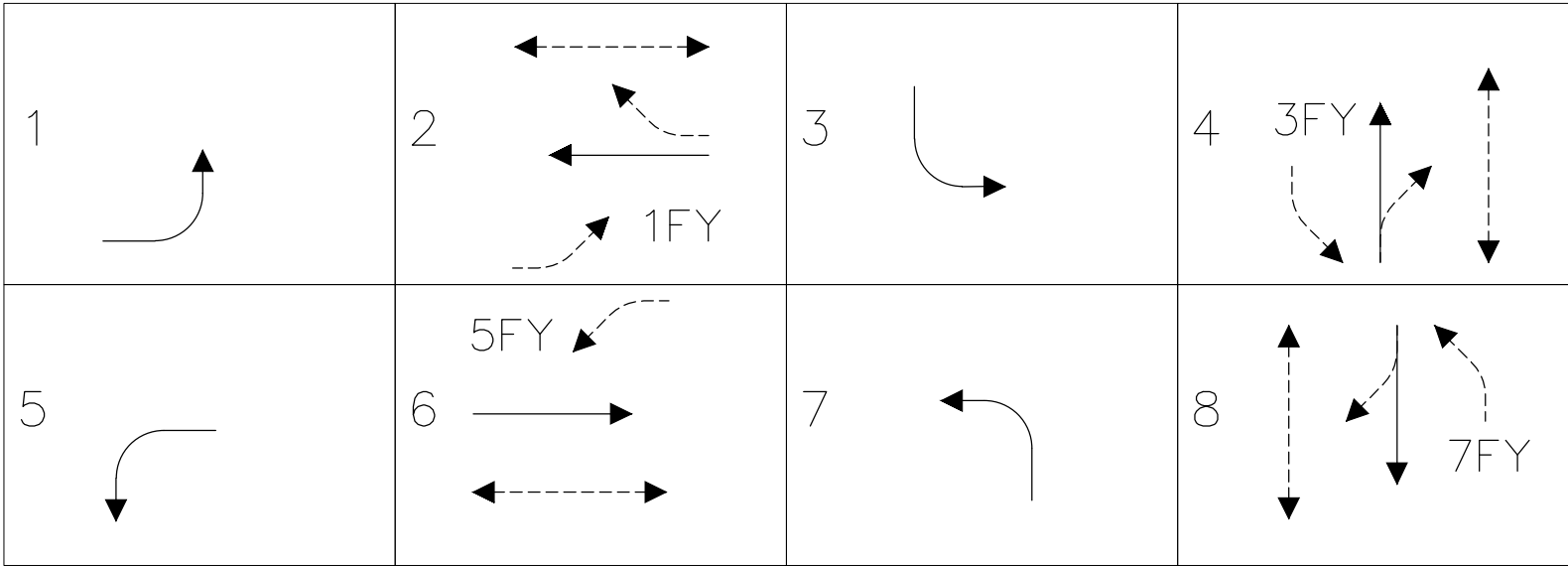
REMOVE EXISTING LOOP WIRING FOR PHASE 2 AND PHASE 5 LOOPS.
- 2

EXISTING DETECTION EQUIPMENT FOR 65TH/BORLAND SIGNAL. SEE SHEET TS3.

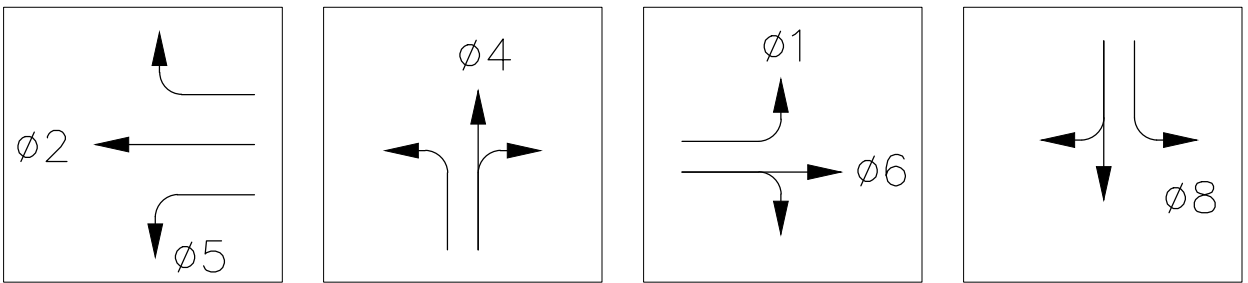


DETECTION ZONE WIRING DIAGRAM

"DETECTION ZONE LOCATION" IS FROM STOP LINE TO NEAR EDGE



NORMAL PHASE ROTATION



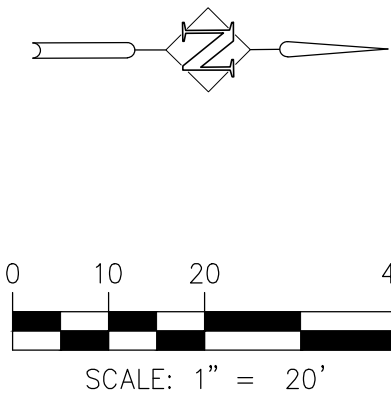
CHANNEL A CHANNEL B CHANNEL C CHANNEL D

FIRE PREEMPTION OPERATION

DESIGN APPROACH SPEEDS

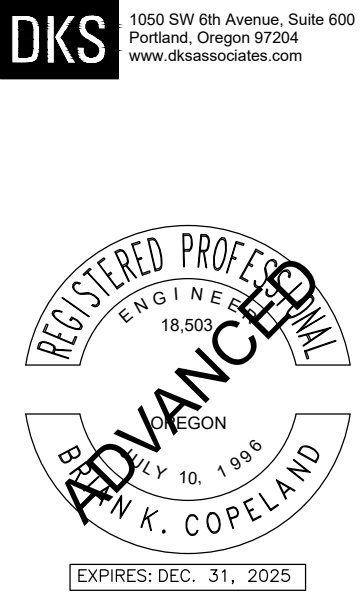
STREET	DESIGN SPEED
SW 65TH AVE	35 MPH
SW SAGERT ST	35 MPH

NOTE:
SEE SHEET TS1 FOR LEGEND



65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNAL MODIFICATION PLAN - 65TH AND SAGERT



TITLE

#

DATE

DESCRIPTION

REVISIONS

DATUM

PCB

DRAWN BY

ALC

CHECKED BY

60 PERCENT QA/QC STATUS

11/10/2025

DATE

21757

PROJECT NUMBER

TS5

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Exhibit A

ILLUMINATION LEGEND

- EX

CMA

EXISTING COMBINATION MAST ARM AND STREET LIGHT POLE.
- EX

WP

EXISTING WOOD UTILITY POLE.
- EX

LP

RETAIN AND PROTECT EXISTING ILLUMINATION POLE AND APPURTENANCES.
- TS

(N)

LUMINAIRE MOUNTED ON SIGNAL POLE (N=NUMBER). (SEE "POLE AND LUMINAIRE SCHEDULE" AND SIGNAL SHEETS).
- EX

LA

RETAIN AND PROTECT EXISTING LUMINAIRE ARM.
- EX

LUM

MAINTAIN AND PROTECT EXISTING LED LUMINAIRE.
- RX

LA

REMOVE EXISTING LUMINAIRE ARM.
- RX

LUM

REMOVE EXISTING LED LUMINAIRE.
- LA

(L)

INSTALL (L=LENGTH) FOOT LUMINAIRE ARM.
- LUM

INSTALL LED LUMINAIRE. SEE POLE AND LUMINAIRE SCHEDULE.
- N

NEW/EXISTING LIGHT POLE NUMBER (N=NUMBER), SEE POLE AND LUMINAIRE SCHEDULE.
- PE

INSTALL PHOTOELECTRIC CONTROL ON LIGHT FIXTURE.

Pole and Luminaire Schedule												
Pole No.	Roadway	Station	Offset	Pole Type and Style	Fixture Wattage	Initial Lumens	Distribution	Mounting Height	Arm Length	Light Loss Factor	PGE Schedule and Option	Notes
1	SW 65th Ave	EX	EX	EX CMA	EX	EX	EX	EX	EX	EX	-	
2	SW 65th Ave	EX	EX	EX SLP	EX	EX	EX	EX	EX	EX	-	
3	SW 65th Ave	EX	EX	EX UP	160	18,686	III	35	6	0.85	32 Option B	[1]
4	SW 65th Ave	EX	EX	EX UP	160	18,686	III	35	6	0.85	32 Option B	[1]
5	SW 65th Ave	EX	EX	EX UP	88	10,331	II	35	14	0.85	32 Option B	[1] [2]
6	SW 65th Ave	SEE SIGNAL PLANS		PROPOSED CMA	160	18,686	III	SEE SIGNAL PLANS		0.85	32 Option C	
7	SW 65th Ave	SEE SIGNAL PLANS		EX CMA	160	18,686	III	SEE SIGNAL PLANS		0.85	32 Option C	
8	SW Borland Rd	EX	EX	EX UP	160	18,686	III	40	6	0.85	32 Option B	[1]
9	SW 65th Ave	EX	EX	EX UP	88	10,331	II	35	6	0.85	32 Option B	[1] [2]
10	SW 65th Ave	EX	EX	EX UP	88	10,331	II	35	6	0.85	32 Option B	[1]
11	SW 65th Ave	EX	EX	EX SLP	EX	EX	EX	EX	EX	EX	-	
12	SW 65th Ave	EX	EX	EX UP	88	10,331	II	35	6	0.85	32 Option B	[1]
13	SW 65th Ave	EX	EX	EX UP	88	10,331	II	35	6	0.85	32 Option B	

[1] Remove existing luminaire and arm and install new luminaire and arm on existing pole.
[2] Utility pole to be relocated by others. Install luminaire in new pole location.
CMA = Combination street light and mast arm pole
UP = Utility Pole
SLP = Metal street light pole

Photometric Results - Sidewalk

Sidewalk Location	Side of Road	Target Values*			Achieved Values		
		Minimum average Maintained illuminance (fc)	Maximum Uniformity Ratio (Avg:min)	Minimum avg maintained vertical illuminance (fc)**	Achieved average Maintained Illuminance (fc)	Achieved Uniformity Ratio (Avg:min)	Achieved avg maintained vertical illuminance (fc)
65th Avenue (Sagert St-Borland Rd)	West	0.5	5:1	0.2	1.1	1.9	0.8
	East				0.7	1.8	0.6
65th Avenue (N of Borland Rd)	West				0.8	2.6	0.4
	East				1.2	5.8	0.8

*Target assumes medium pedestrian conflict
**Average of both directions along sidewalk alignments

Photometric Results - Intersections

Intersection	Intersection Type	Target Values*		Achieved Values	
		Minimum average Maintained illuminance (fc)	Maximum Uniformity Ratio (Avg:min)	Achieved average Maintained illuminance (fc)	Achieved Uniformity Ratio (Avg:min)
65th Avenue/Borland Road	Arterial/Arterial	2.6	3:1	2.8	2.5

*Target assumes medium pedestrian conflict

Photometric Results - Roadway Segments

Segment	Target Values*		Achieved Values	
	Minimum average Maintained illuminance (fc)	Maximum Uniformity Ratio (Avg:min)	Achieved average Maintained illuminance (fc)	Achieved Uniformity Ratio (Avg:min)
65th Avenue (Sagert St-Borland Rd)	1.3	3:1	1.6	2.3
65th Avenue (N of Borland Rd)			1.4	2.9

*Target assumes medium pedestrian conflict

GENERAL NOTES

- UTILITY LOCATIONS ARE APPROXIMATE AND NOT ALL UTILITIES ARE SHOWN. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED. CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES THROUGHOUT CONSTRUCTION. MAINTAIN AND PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED. COORDINATE ALL WORK WITH UTILITY COMPANIES TO ELIMINATE CONFLICTS.
- FOR PGE OPTION C STREETLIGHTS ONLY, ALL LUMINAIRE ARMS, LUMINAIRES AND OTHER EQUIPMENT RELATED TO STREET LIGHTING INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- FIELD VERIFY ALL MEASUREMENTS PRIOR TO CONSTRUCTION.
- WORK TO BE DONE BY QUALIFIED WORKER PER NESC AND OSHA QUALIFIED REQUIREMENTS.
- ALL WORKMANSHIP FOR LIGHTING INSTALLATIONS SHALL CONFORM TO CURRENT PGE SCHEDULE 95 SPECIFICATIONS, CURRENT NESC CODE, AND THE 2024 ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED AND TESTING LAB APPROVED FROM LABS ACCEPTED BY THE STATE OF OREGON.
- CONTRACTOR SHALL COORDINATE POWER HOOKUPS FOR STREET LIGHTING SYSTEM WITH PGE. REFER TO PGE WORK ORDER #MXXX. THE CONTRACTOR SHALL COORDINATE A FIELD MEETING WITH PGE A MINIMUM OF 4 WEEKS PRIOR TO STARTING WORK RELATED TO PGE INFRASTRUCTURE TO CONFIRM ALL INSTALLATION REQUIREMENTS.

LIGHTING NOTES

- COBRA HEAD STYLE LUMINAIRE SHALL BE:

MANUFACTURER:
LEOTEK

CATALOG NUMBER:
88W: GCM2-40H-MV-WW-3R-GY-610-FDC-PCR7-WL-4B-RWG-PGE
160W: GCL1-80G-MV-WW-3R-GY-610-FDC-PCR7-WL-4B-RWG-PGE

- METAL ARMS FOR WOOD POLES (6-FOOT, CANTILEAVER, NO BRACE) SHALL BE:

MANUFACTURER:
SALCO
MACLEAN POWER SYSTEMS
UTILITY METALS

CATALOG NUMBER:
WP-125-6-S
GD-S-125-6G
P200A060

- METAL ARMS FOR WOOD POLES (14-FOOT, DOUBLE BRACE) SHALL BE:

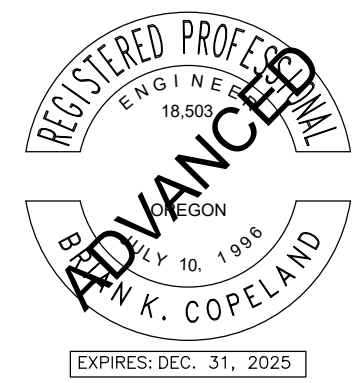
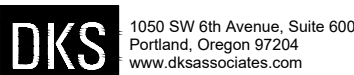
MANUFACTURER:
SALCO
MACLEAN POWER SYSTEMS
UTILITY METALS

CATALOG NUMBER:
WPDG-125-14-S
S-125-14DG
P200A0140

- PHOTOELECTRIC CONTROL SHALL BE:

MANUFACTURER:
RIPLEY
DTL
INTERMACTIC

CATALOG NUMBER:
RD8645
DLL 1271.5 J50
EK4536K



65TH / BORLAND / SAGERT IMPROVEMENTS

ILLUMINATION LEGEND

TITLE

#

DATE

DESCRIPTION

REVISIONS

DATUM

PCB

DRAWN BY

ALC

CHECKED BY

60 PERCENT QA/QC STATUS

11/10/2025

DATE

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PROJECT NUMBER

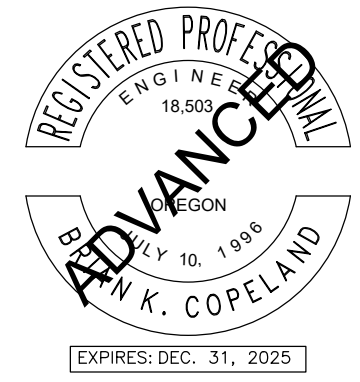
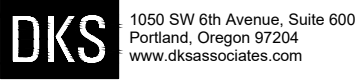
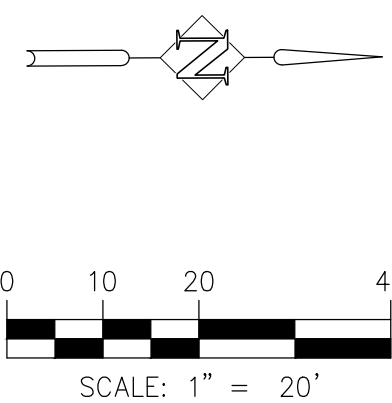
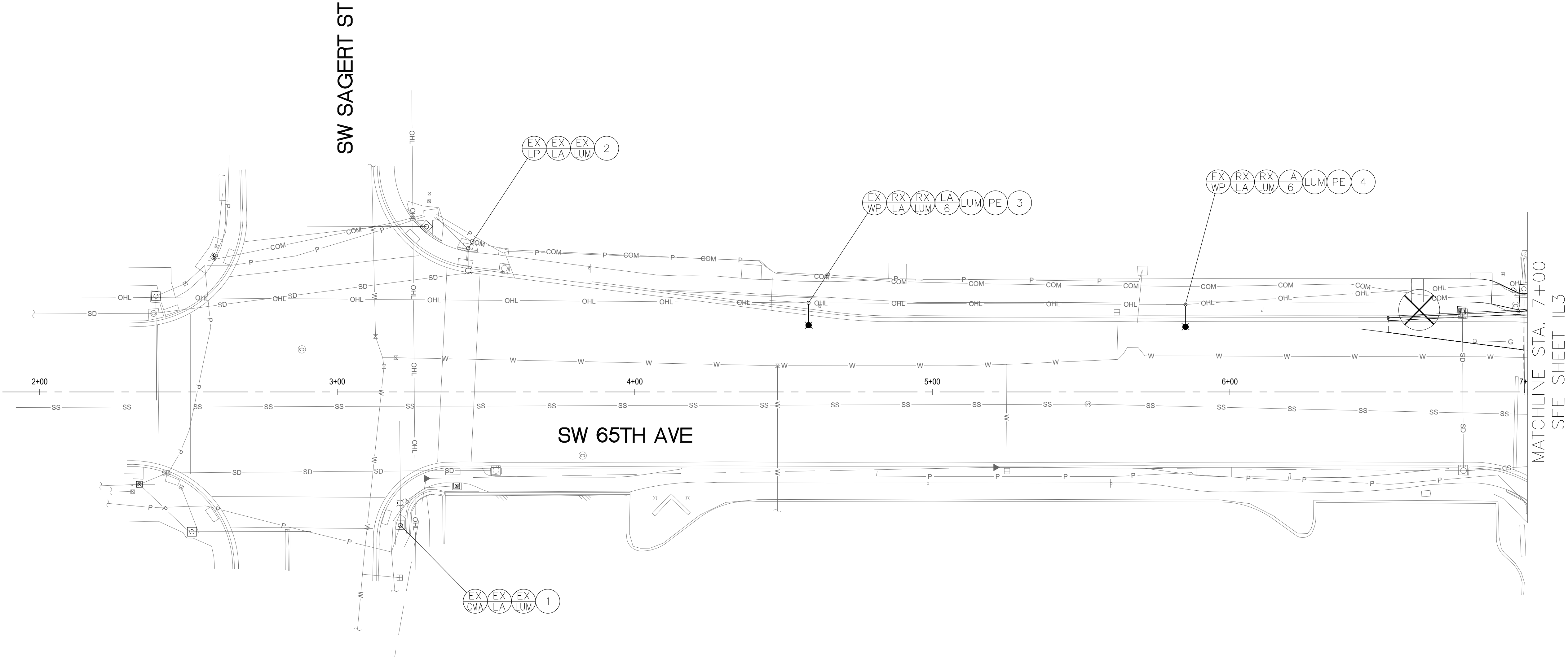
IL1

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Exhibit A

ILLUMINATION PLAN



65TH / BORLAND / SAGERT IMPROVEMENTS

ILLUMINATION PLAN

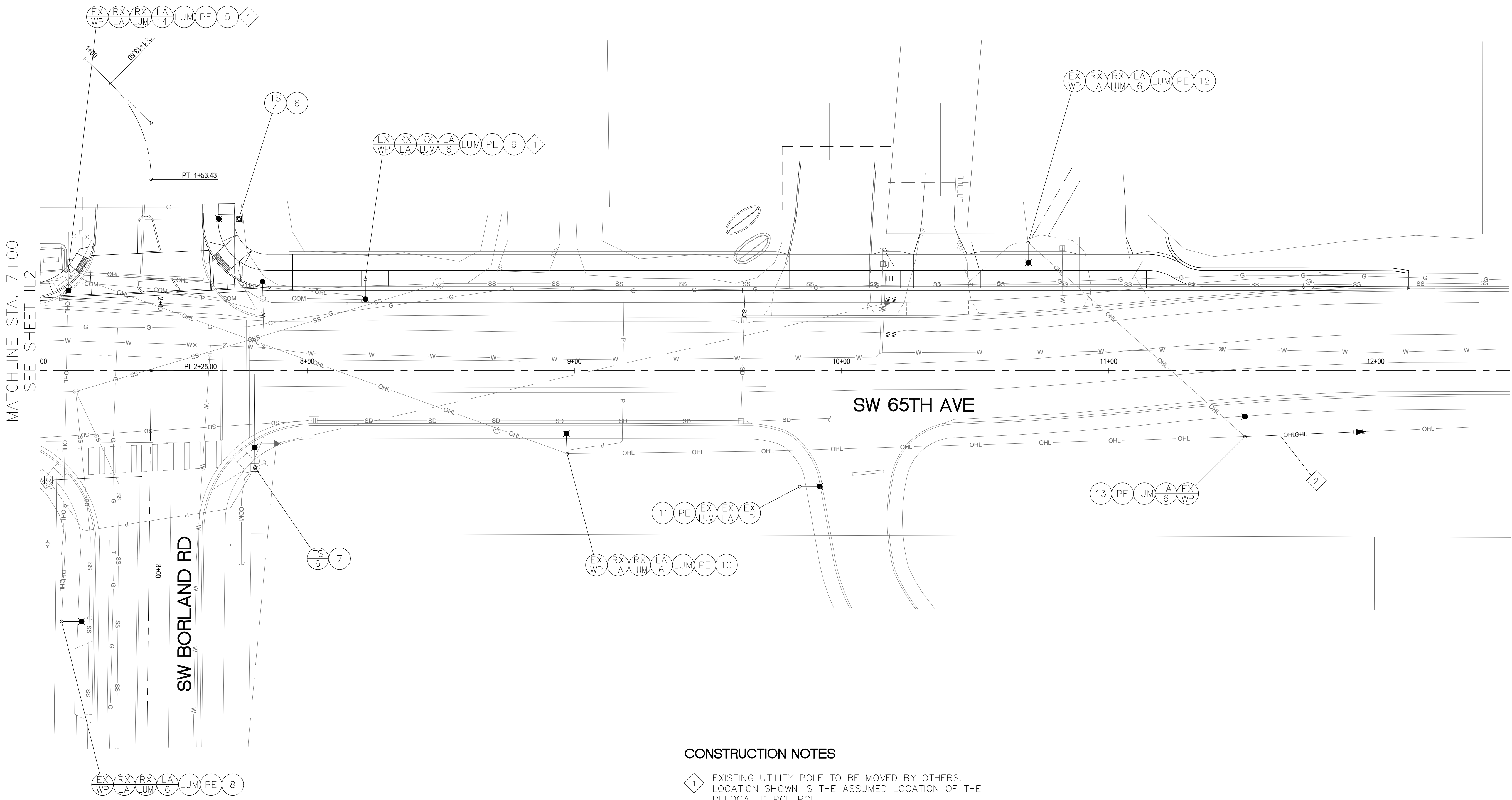
TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
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IL2		
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Plotted: Nov 21, 2025 - 12:14pm, Kiara Jackson, L:\AI\DKS\BDOXX\Drive\Projects\24000\50s\24556-000 (Tualatin 65th-Borland Improv)\CAD\IL2.dwg, Layout Name: IL2

Exhibit A

ILLUMINATION PLAN

Plotted: Nov 21, 2025 - 12:14pm, Kiara Jackson, L:\AL\DKS\BDOXX\Drive\Projects\24000\50s\24556-000 Tualatin 65th-Borland Inras\CAD\IL3.dwg, Layout Name: IL3



CONSTRUCTION NOTES

- 1 EXISTING UTILITY POLE TO BE MOVED BY OTHERS. LOCATION SHOWN IS THE ASSUMED LOCATION OF THE RELOCATED PGE POLE.
- 2 COORDINATE NEW POWER FEED WITH PGE. REFERENCE M#XXX.

SCALE: 1" = 20'

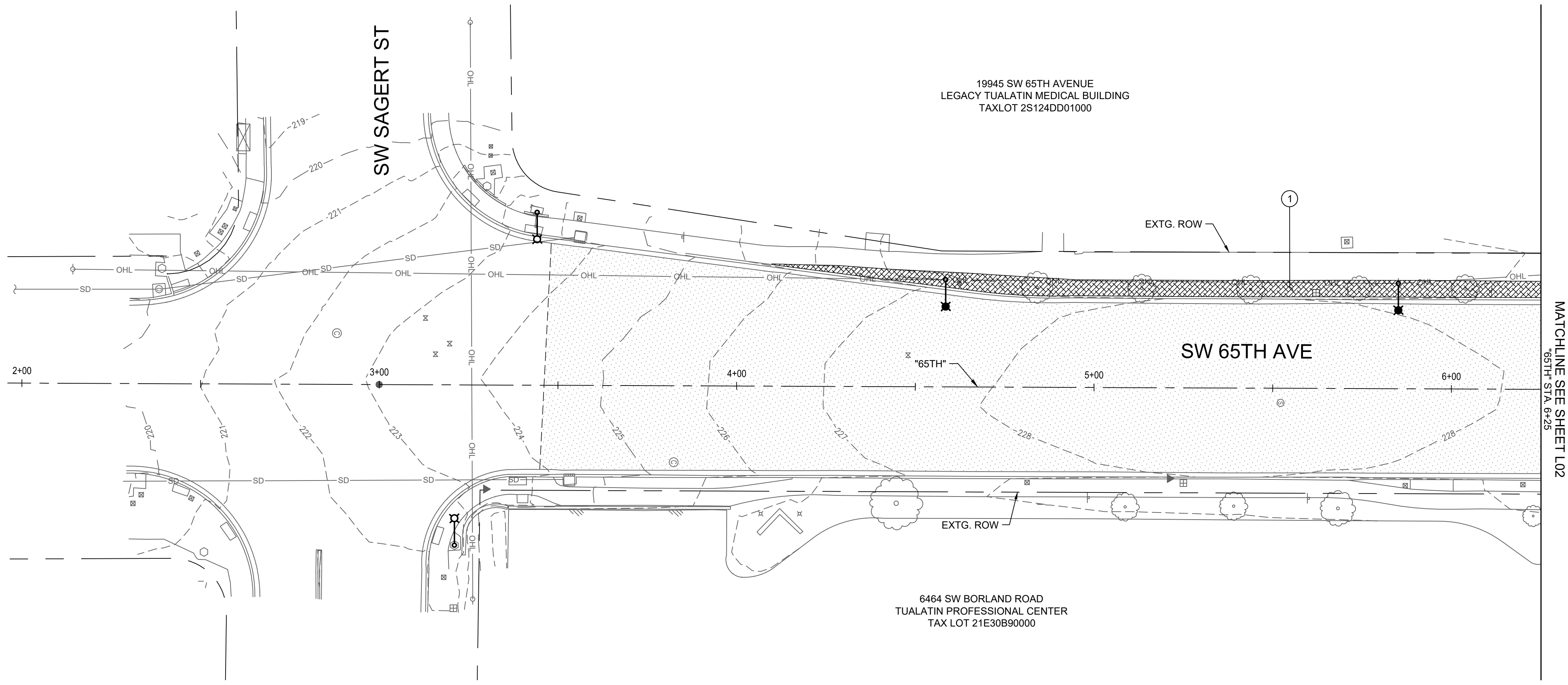


65TH / BORLAND / SAGERT IMPROVEMENTS

ILLUMINATION PLAN

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025		
DATE		
21757		
PROJECT NUMBER		
IL3		
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Exhibit A



- GENERAL NOTES:
- CONTRACTOR SHALL HAVE A CERTIFIED ARBORIST ON SITE WHEN WORKING NEAR TREES TO REMAIN. ALL PRUNING WITHIN THE RIGHT-OF-WAY SHALL ONLY OCCUR UNDER DIRECTION OF ARBORIST.
 - SEE SHEET L03 FOR LANDSCAPE DETAILS AND PLANT SCHEDULE.

KEYNOTES - LANDSCAPE:

① MULCH TOP DRESSING

LEGEND

- 225 — EXISTING MAJOR CONTOURS
- - - 224 - - - EXISTING MINOR CONTOURS
- 225 —** PROPOSED MAJOR CONTOURS
- - - 224 - - - PROPOSED MINOR CONTOURS
- x — SEDIMENT FENCE
- - - - - TREE PROTECTION FENCING
- EXISTING TREE OR SHRUB REMOVAL
- MULCH

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Portland, OR 97204
503.287.6825
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PRELIMINARY
03/29/2015
OREGON
LANDSCAPE ARCHITECT
EXPIRES: 9/30/2026

65TH / BORLAND / SAGERT IMPROVEMENTS

LANDSCAPE

LANDSCAPE PLAN SOUTH

#	DATE	DESCRIPTION

REVISIONS

DATUM

DRAWN BY _____ CHECKED BY _____

60 PERCENT SUBMITTAL STATUS

11/21/2025 DATE

21757 PROJECT NUMBER

L01

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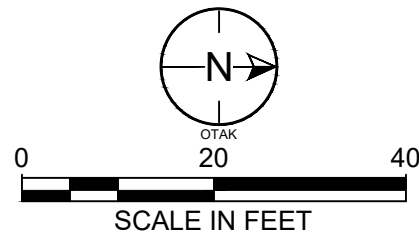
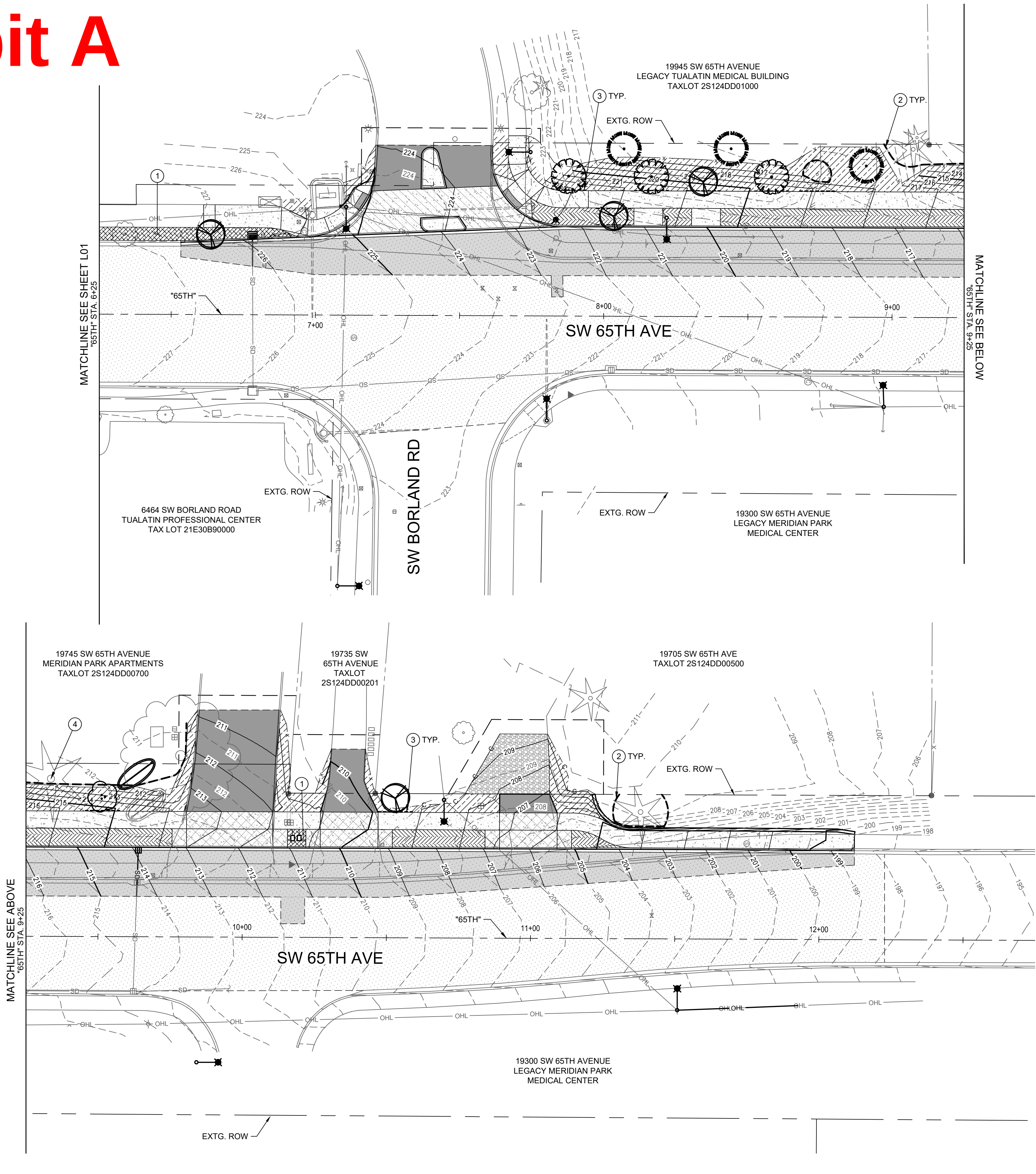


Exhibit A



GENERAL NOTES:

- 1. CONTRACTOR SHALL HAVE A CERTIFIED ARBORIST ON SITE WHEN WORKING NEAR TREES TO REMAIN. ALL PRUNING WITHIN THE RIGHT-OF-WAY SHALL ONLY OCCUR UNDER DIRECTION OF ARBORIST.
- 2. SEE SHEET L03 FOR LANDSCAPE DETAILS AND PLANT SCHEDULE.

KEYNOTES - LANDSCAPE:

- 1 MULCH TOP DRESSING
- 2 TREE PROTECTION FENCING PER DETAIL ON SHEET L03
- 3 ROOT BARRIER PER DETAIL ON SHEET L03
- 4 PRUNE EXISTING FIR UNDER DIRECTION OF ARBORIST

LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- SEDIMENT FENCE
- TREE PROTECTION FENCING
- MULCH
- GRASS SEED MIX
- GROUND COVER
- ROOT BARRIER
- CRIMSON SENTRY MAPLE
- CASCARA
- VINE MAPLE
- DOUGLAS FIR



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65TH / BORLAND / SAGERT IMPROVEMENTS
LANDSCAPE
LANDSCAPE PLAN NORTH

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
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11/21/2025		DATE
21757		PROJECT NUMBER
L02		
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Plotted: Nov 21, 2025 - 9:40am kristen.ballou O:\PROJECT\21700\21757\04 CAD\ACAD\Draw\21757 L.dwg Layout Name: L03

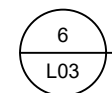


-
- A circular logo with a horizontal line. The number '1' is in the upper half and 'L03' is in the lower half.

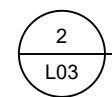
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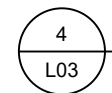
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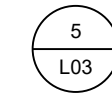
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SCALE: NONE



SCALE: NONE



SCALE: NON

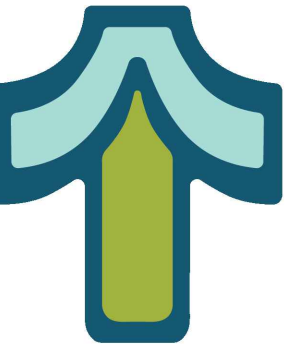
S = SPACING ON CENTER (O.C.) AS SHOWN ON PLANS

UTILITY NOTE:

- LANDSCAPE NOTES:

- 

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65TH / BORLAND / SAGERT IMPROVEMENTS

LANDSCAPE

LANDSCAPE NOTES AND DETAILS

TITLE		
#	DATE	DESCRIPTION
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Exhibit A

SIGNING AND STRIPING LEGEND

LEGEND

- X

OREGON DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAIL (X). SEE SHEET SS4 FOR DETAILS.
- EXN

MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT.
- RXN

M

REMOVE EXISTING SIGN (N) AND (M) SIGN SUPPORT.
- RSN

M

REMOVE AND SAVE EXISTING SIGN (N) AND (M) SIGN SUPPORT.
- RIN

M

REISNTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT.
- N

INSTALL NEW SIGN (N).
- N

M

INSTALL NEW SIGN (N) ON NEW (M) SIGN SUPPORT.

N = SIGN NUMBER
M = MATERIAL OPTIONS
ST = PERFORATED SQUARE STEEL TUBE
W = WOOD
SSC = STAINLESS STEEL CLAMP
MA = MAST ARM SNS MOUNT
SP = SIGNAL POLE MOUNT
CCB = CROSSWALK CLOSURE BARRICADE

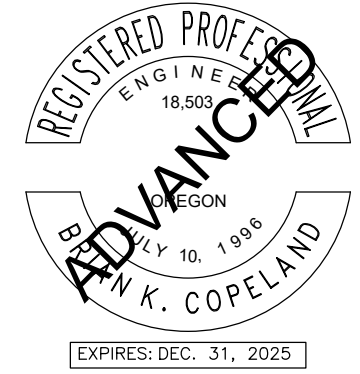
GENERAL NOTES

1. EXISTING SIGNS NOT SHOWN ARE TO REMAIN IN PLACE.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE OREGON DEPARTMENT OF TRANSPORTATION (TRAFFIC ENGINEERING SECTION) STANDARD DRAWINGS, THE OREGON DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, THE LATEST MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND THE SPECIAL PROVISIONS FOR THIS CONTRACT.
3. REMOVE ALL EXISTING STRIPING THAT CONFLICTS WITH PROPOSED STRIPING IN THIS PLAN. REMOVAL OF EXISTING PAVEMENT MARKINGS SHOWN IS APPROXIMATE AND SHALL BE FIELD VERIFIED. EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.
4. MATCH POINTS TO EXISTING STRIPING AND STATION CALL-OUTS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.
5. LOCATE CROSSWALKS AS PER ADA RAMP LOCATIONS OR 5' BACK OF EXTENDED EDGE LINE, EDGE OF PAVEMENT, OR CURB FACE.
6. ALL THERMOPLASTIC PAVEMENT MARKING MATERIAL SHALL BE INSTALLED AS PER SECTION 00850 OF THE OREGON STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
7. ALL PAVEMENT MARKING SHALL CONFORM TO THE MOST CURRENT ODOT SPECIFICATION. COPIES OF THE MATERIALS SPECIFICATIONS ARE AVAILABLE FROM:

ENGINEER OF MATERIALS AND RESEARCH
HWY. MATERIALS LABORATORY
800 AIRPORT ROAD S.E.
SALEM, OR 97301
(503) 986-3096
8. ALL PERMANENT LONGITUDINAL STRIPING SHALL BE METHOD "AB" THERMOPLASTIC EXTRUDED SURFACE, NON-PROFILED, INSTALLED PER ODOT STANDARD SPECIFICATION SECTION 00865 (LATEST EDITION).
9. ALL LEGENDS AND BARS ARE METHOD "B-HS" PREFORMED, FUSED THERMOPLASTIC HIGH-SKID FILM, INSTALLED PER ODOT STANDARD SPECIFICATION SECTION 00867 (LATEST EDITION).

* LANE MARKING DIMENSION LOCATION AT ½ OF STRIPING UNLESS NOTED OTHERWISE.
10. ALL GREEN BICYCLE LANE MARKINGS AND BIKE LANE STENCILS LOCATED WITHIN GREEN PAVEMENT MARKINGS SHALL BE THERMOPLASTIC DURABLE NON-SKID MATERIAL.
11. ALL EXISTING STRIPING ALONG SW 65TH AVENUE BETWEEN STA. 3+45 AND STA. 12+25 IS BEING REMOVED BY METHOD OF GRIND AND OVERLAY.

DKS 1050 SW 6th Avenue, Suite 600
Portland, Oregon 97204
www.dksassociates.com



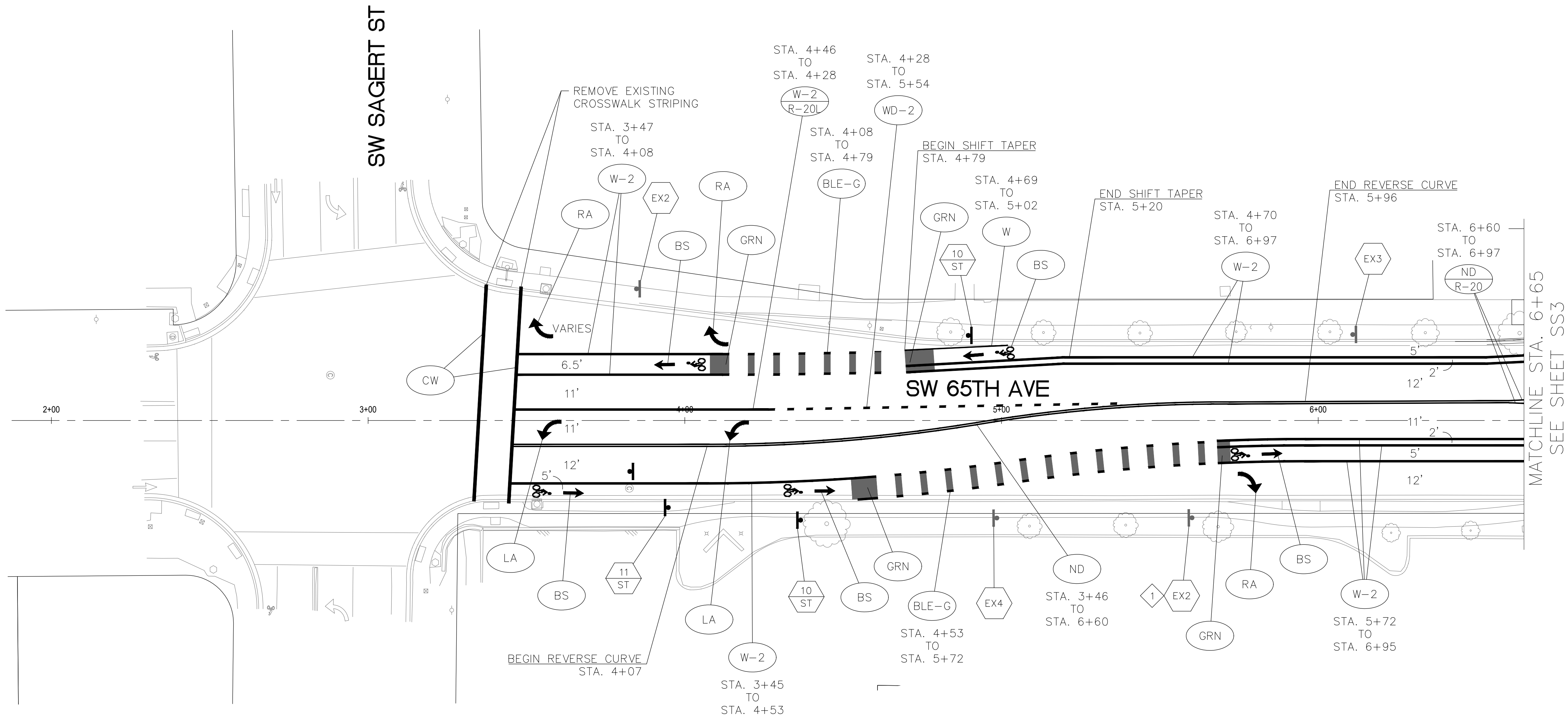
65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNING AND STRIPING LEGEND

TITLE		
#	DATE	DESCRIPTION
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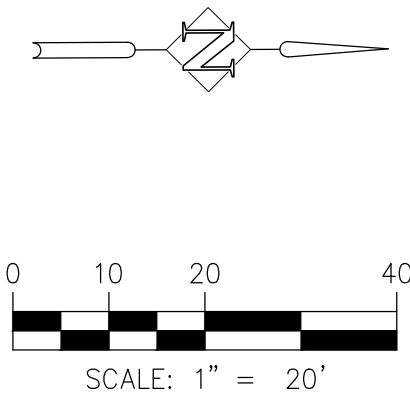
Exhibit A

SIGNING AND STRIPING PLAN



CONSTRUCTION NOTE

1 COORDINATE WITH TRIMET FOR RELOCATION OF EXISTING BUS STOP SIGN. WORK TO BE PERFORMED BY OTHERS.



DKS

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Portland, Oregon 97204
www.dksassociates.com

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18,503
OREGON
BUILT 10, 1988
K. COPELAND
EXPIRES: DEC. 31, 2025

City of Tualatin

Tualatin

MOVING FORWARD

TRAFFIC FLOW - NEIGHBORHOOD SAFETY

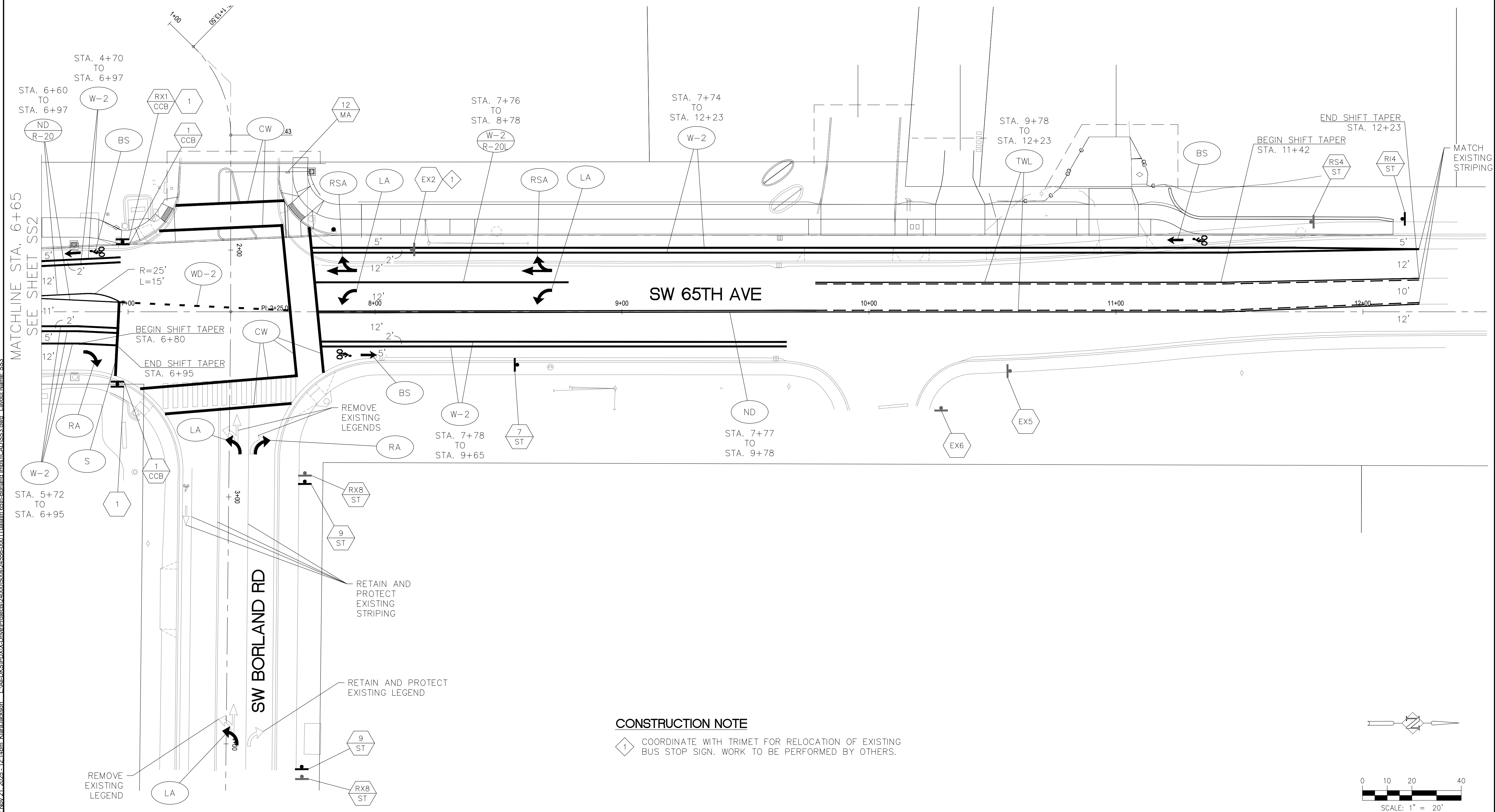
65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNING AND STRIPING PLAN

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025		
DATE		
21757		
PROJECT NUMBER		
SS2		
© 2025 OTAK, INC.		
If this drawing is not 22" x 34", it has been reduced/enlarged. Scale accordingly.		

Exhibit A

SIGNING AND STRIPING PLAN



CONSTRUCTION NOTE
1 COORDINATE WITH TRIMET FOR RELOCATION OF EXISTING BUS STOP SIGN. WORK TO BE PERFORMED BY OTHERS.

DKS

1050 SW 6th Avenue, Suite 600
Portland, Oregon 97204
www.dksassociates.com

REGISTERED PROFESSIONAL ENGINEER
18,503
OREGON
BRIAN K. COPELAND
EXPIRES: DEC. 31, 2025

City of Tualatin
Tualatin
MOVING FORWARD
TRAFFIC FLOW - NEIGHBORHOOD SAFETY

65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNING AND STRIPING PLAN

TITLE		
#	DATE	DESCRIPTION

REVISIONS

DATUM

PCB
DRAWN BY

ALC
CHECKED BY

60 PERCENT QA/QC
STATUS

11/10/2025
DATE

21757
PROJECT NUMBER

SS3

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Exhibit A

STRIPING DETAILS

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

RSA

RIGHT TURN STRAIGHT ARROW (WHITE)
FOR ARROW PROPORTION DETAILS, SEE CURRENT VERSION OF STANDARD HIGHWAY SIGNS

CW

STANDARD CROSSWALK
TWO 1' WHITE BARS
INSTALL PER STANDARD DRAWING TM530

BLE-G

GREEN SUPPLEMENTAL BICYCLE LANE
DOTTED LINE EXTENSION (GREEN)

BS

BIKE LANE STANDARD STENCIL (WHITE)
CENTER MARKING WITHIN LANE WIDTH, FOR PROPORTION DETAILS, SEE CURRENT VERSION OF STANDARD HIGHWAY SIGNS

W-2

8" WHITE LINE

WD-2

8" WHITE DOTTED LINE
FOR LANE EXTENSIONS AND BIKE LANE EXTENSIONS

ND

NARROW DOUBLE NO-PASS
TWO 4" YELLOW LINES

W-2 R-20L

CHANNELIZING LINE POSITIONING GUIDE
REFLECTORS WITH 8" WHITE LINE

ND R-20

NARROW DOUBLE YELLOW POSITIONING GUIDE
REFLECTORS WITH TWO 4" YELLOW LINES

TWL

TWO-WAY LEFT TURN
4" YELLOW LINES

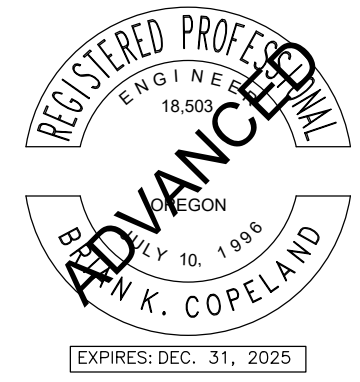
S

STOP BAR
1' WHITE BAR
INSTALL PER STANDARD DRAWING TM530

GRN

GREEN SUPPLEMENTAL BICYCLE LANE
SOLID GREEN (green)

DKS 1050 SW 6th Avenue, Suite 600
Portland, Oregon 97204
www.dksassociates.com



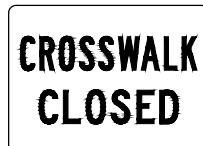
65TH / BORLAND / SAGERT IMPROVEMENTS

STRIPING DETAILS

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
21757 PROJECT NUMBER		
SS4		
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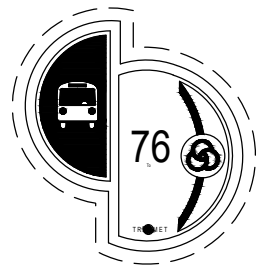
Exhibit A

SIGNING DETAILS



OR22-7
18"x24"

1



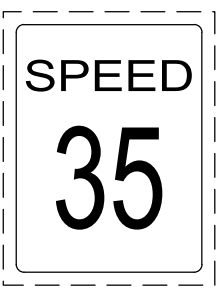
2



3



4



5

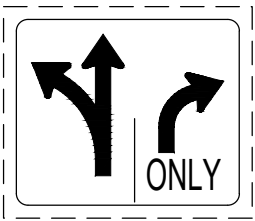


6

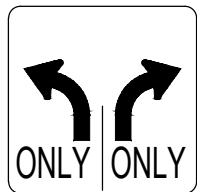


OBW1-9
36"x36"

7



8



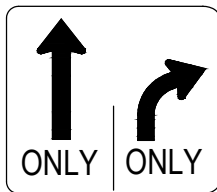
R3-8 (MOD)
30"x30"

9



R4-4
30"x36"

10



R3-8 (MOD)
30"x30"

11



12

SIGNS SHOWN WITH BROKEN
BORDERS ARE EXISTING



65TH / BORLAND / SAGERT IMPROVEMENTS

SIGNING DETAILS

TITLE		
#	DATE	DESCRIPTION
REVISIONS		
DATUM		
PCB	ALC	
DRAWN BY	CHECKED BY	
60 PERCENT QA/QC STATUS		
11/10/2025 DATE		
21757 PROJECT NUMBER		
SS5		
© 2025 OTAK, INC.		
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SIGN AND POST DATA TABLE

4/THE LOCATIONS SHOWN ARE APPROXIMATE EXCEPT FOR SPEED ZONES AND MILEPOST MARKERS, EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.

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Exhibit "B"

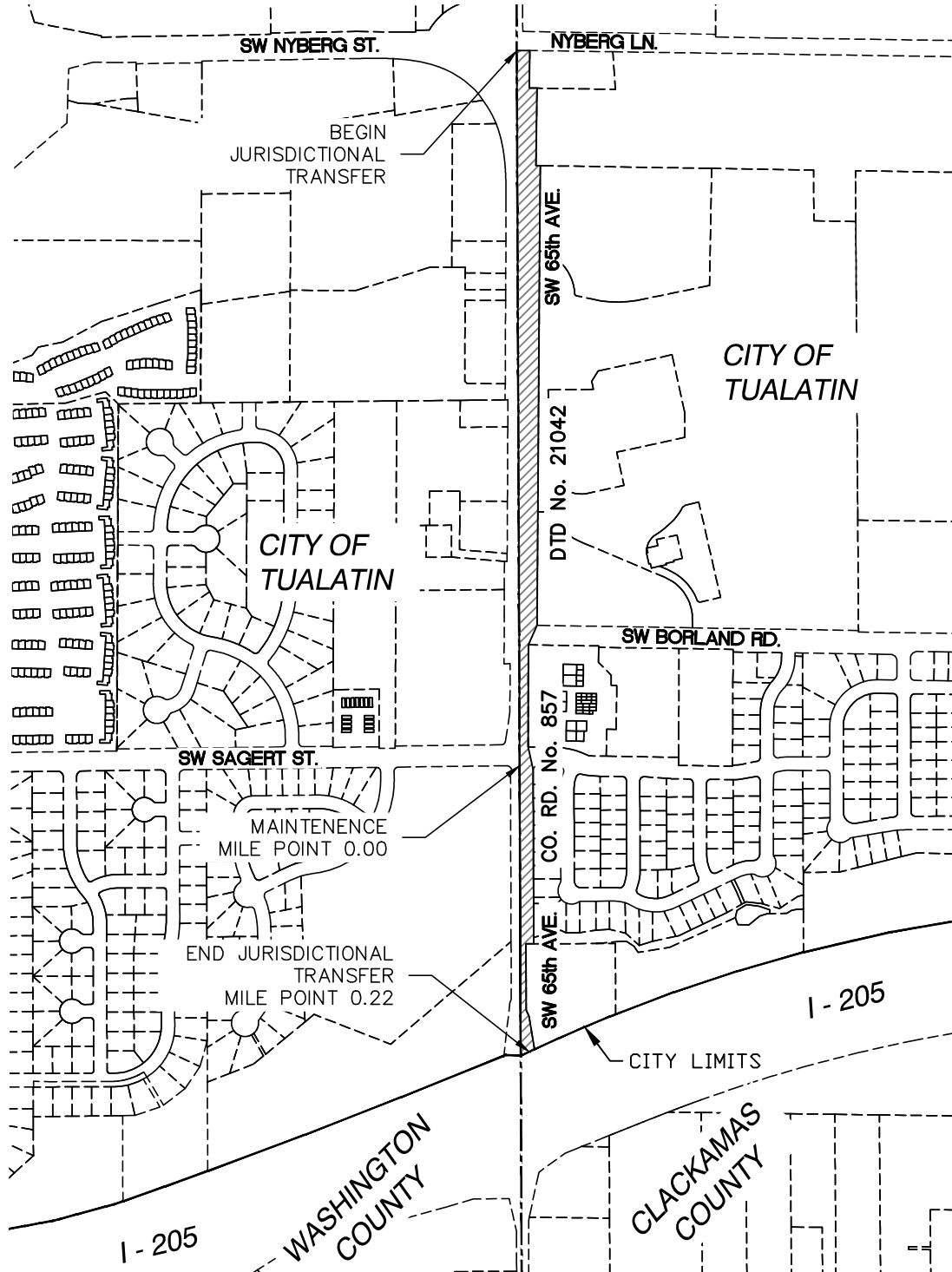
SW 65th Avenue Transfer of Jurisdiction

Clackamas County to City of Tualatin

Description

All that portion of SW 65th Avenue, County Road No. 857, Department of Transportation and Development maintenance No. 21042; Situated in Sections 19 and 30, T. 2S., R. 1E., W.M., as depicted on Exhibit C, attached hereto, lying east of the mutual Washington County - Clackamas County line, and South of the southerly right of way line of Nyberg Lane, and North of the northerly right of way line of I-205 State Highway (approximately mile point 0.07), being a total of approximately 3,725' feet long, varying in width. Containing 220,000 square feet, more or less.

EXHIBIT "C"



LEGEND



TRANSFERRED ROAD
220,000 Sq. Ft.

LOCATED IN SECTIONS 19 AND 30
T. 2 S., R. 1 E., W.M.
CLACKAMAS COUNTY, OREGON

DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT

150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



BY: R. MAXWELL

DATE: 8/4/2026

JURISDICTIONAL TRANSFER
SW 65TH AVENUE
COUNTY ROAD NO. 857

SHEET

1 OF 1