

September 26, 2022

Dan Dietlin Do It Best Corp. 333 S Woodland Ave Woodburn, OR 97071

RE: Approval of Grading Permit GRAD 22-08 "Do It Best Expansion" for 333 S. Woodland Avenue (Tax Lot 052W110000101)

Dear Mr. Dietlin:

Staff approves the Grading Permit, subject to the conditions of approval outlined in this letter. The approval letter was originally issued on September 16, 2022; this letter includes a minor revision to fix an error in the summary of review section.

Summary of Review:

This site is subject to the development standards of the <u>Woodburn Development Ordinance</u> (<u>WDO</u>). The applicant is requesting to perform grading work in preparation for construction of an expansion to the existing industrial warehouse building. Pursuant to WDO 4.01.02, the Director shall render all Type I land use decisions. The Director's decision is the final decision of the City on a Type I application and cannot be appealed by any party through the City land use appeals process.

Planning Conditions of Approval:

- 1. Conformance with Approved Plans: All site work shall be in substantial conformance with the approved grading plans.
- 2. DEQ: All development activity shall be in accordance with the approved Department of Environmental Quality (DEQ) 1200-C permit. The applicant shall provide to the City any modifications to the DEQ permit.
- 3. Other agencies: The applicant, not the City, is responsible for obtaining permits from Marion County, US Army Corps of Engineers (USACE), Oregon Department of State Lands

(DSL), Oregon Department of Transportation (ODOT), and other agencies which might require approval or permit.

4. ROW: All work within City rights-of-way (ROWs) or easements within City jurisdiction shall require plan approval and permit issuance from the Public Works Department.

5. Tree preservation: The applicant shall preserve trees according to the Tree Preservation Plan (Sheet L0.02 in the approved plans).

Public Works Conditions of Approval:

6. The applicant shall comply with the submitted grading and erosion control plans, including measures to keep the ROW clean, to protect existing catch basins around the work area, and maintain dust control measures. All catch basins around the work area shall be clean of debris and soils at all times.

7. The applicant shall continuously maintain adequate protection of all work from damage and protect the public and private property of others from injury or loss arising in connection with the work.

8. The applicant shall comply with City of Woodburn Planning Department requirements through Woodburn Development Ordinance (WDO) 5.01.04 Grading Permit.

9. Prior to starting work, contact the Public Works Department for inspection of the erosion control in the public ROW. Contact the Engineering Division at (503) 982-5240.

10. The applicant shall leave ROW in clean condition, free from litter and debris, at the end of each workday, or more frequently if directed by the City Inspector.

11. Sidewalk and street closures are not allowed under this permit.

12. Prior to starting work, silt fencing shall be installed around the entire perimeter of the work area. Applicant shall comply with all requirements and conditions set on their 1200C permit.

Final decision approved by designee:

Dan Handel, AICP

Planner

September 26, 2022

Enclosure:

1. Approved Plans

cc: Chris Kerr, Community Development Director
Colin Cortes, AICP, CNU-A, Senior Planner
Curtis Stultz, Public Works Director
Dago Garcia, PE, City Engineer
Tim Miller, Do It Best
Ryan Weston, Mackenzie
Justin Durrie, Mackenzie

file: GRAD 22-08

GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE CURRENT STANDARD SPECIFICATIONS AND REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION AND THE CURRENT AMERICAN PUBLIC WORKS ASSOCIATION STANDARDS FOR PUBLIC WORKS CONSTRUCTION
- 2. THE SURVEY INFORMATION SHOWN AS A BACKGROUND SCREEN IS BASED ON A SURVEY BY OTHERS AND IS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS WITH ITS OWN RESOURCES PRIOR TO START OF ANY CONSTRUCTION
- 3. CONTRACTOR MUST COMPLY WITH LOCAL AND STATE REQUIREMENTS TO NOTIFY ALL UTILITY COMPANIES FOR LINE LOCATIONS SEVENTY-TWO (72) HOURS (MINIMUM) PRIOR TO START OF WORK. DAMAGE TO UTILITIES SHALL BE CORRECTED AT THE CONTRACTOR'S **EXPENSE**
- 4. CONTRACTOR SHALL ADJUST ALL STRUCTURES IMPACTED BY CONSTRUCTION IMPROVEMENTS TO NEW FINISH GRADES
- 5. REQUEST BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.
- 6. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY REQUIRES A PUBLIC WORKS PERMIT,
- 7. CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH AS-BUILT PLANS AT LEAST
- 2 WEEKS PRIOR TO REQUESTING AGENCY SIGN OFF ON PERMITS FOR OCCUPANCY 8. CONTRACTOR SHALL PERFORM ALL THE WORK SHOWN ON THE DRAWINGS AND ALL

SITE DEMOLITION NOTES

INCLUDING DRIVEWAY ACCESS

- 1. COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS FOR DEMOLITION OPERATIONS AND SAFETY OF ADJACENT STRUCTURES AND THE PUBLIC
- 2. INSTALL EROSION CONTROL MEASURES AND TEMPORARY FENCING PRIOR TO ANY DEMOLITION ACTIVITIES
- 3. MITIGATE DUST POLLUTION DUE TO DEMOLITION ACTIVITIES

INCIDENTAL WORK NECESSARY TO COMPLETE THE PROJECT

- 4. PROTECT ALL EXISTING STRUCTURES, UTILITIES, LANDSCAPE AND OTHER ELEMENTS THAT ARE NOT DESIGNATED FOR REMOVAL. ANY DAMAGE TO EXISTING IMPROVEMENTS NOT DESIGNATED FOR REMOVAL SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S **EXPENSE**
- 5. DO NOT BEGIN REMOVAL UNTIL ITEMS TO BE SALVAGED OR RELOCATED HAVE BEEN REMOVED AS NOTED. IF REMOVED GRAVEL OR PAVEMENT MATERIALS ARE TO BE RECYCLED OR REUSED, PREVENT CONTAMINATION OF THESE MATERIALS FROM TOPSOIL OR OTHER DELETERIOUS MATERIAL
- 6. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH AFFECTED UTILITY COMPANIES, OBTAIN ALL REQUIRED PERMITS, NOTIFY THEM PRIOR TO STARTING WORK, AND COMPLY WITH THEIR REQUIREMENTS. ADDITIONAL REMOVALS MAY BE REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AND THE CONTRACTOR SHALL CONFIRM ACCORDINGLY PRIOR TO BID. ACCURATELY RECORD ACTUAL LOCATIONS OF CAPPED AND ACTIVE UTILITIES FOR AS-BUILT PURPOSES AND SUPPLY TO OWNER AND ARCHITECT/ENGINEER OF RECORD
- 7. DEMOLISH AND REMOVE ALL NON-BUILDING SITE STRUCTURES AND ASSOCIATED FEATURES (APPURTENANCES) AS SHOWN. WITHIN AREA OF NEW CONSTRUCTION, REMOVE DESIGNATED WALLS AND FOOTINGS TO 2 FEET MINIMUM BELOW FINISHED GRADE. DEMOLISH ALL PAVED AREAS DESIGNATED FOR REMOVAL DOWN TO NATIVE SUBGRADE
- 8. ALL VEGETATION AND DELETERIOUS MATERIALS WITHIN THE LIMITS OF WORK SHALL BE STRIPPED AND REMOVED FROM THE SITE PRIOR TO GRADING WORK UNLESS NOTED OTHERWISE (E.G. PROTECTED TREES)
- 9. IF HAZARDOUS MATERIALS ARE DISCOVERED DURING DEMOLITION, STOP WORK AND IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT/ENGINEER OF RECORD

GRADING NOTES

- 1. ROUGH GRADING: ROUGH GRADE TO ALLOW FOR DEPTH OF BUILDING SLABS, PAVEMENTS, BASE COURSES. AND TOPSOIL PER DETAILS AND SPECIFICATIONS
- 2. <u>FINISH GRADING</u>: BRING ALL FINISH GRADES TO LEVELS INDICATED. WHERE GRADES ARE NOT OTHERWISE INDICATED, HARDSCAPE FINISH GRADES ARE TO BE THE SAME AS ADJACENT SIDEWALKS, CURBS, OR THE OBVIOUS GRADE OF ADJACENT STRUCTURE. SOFTSCAPE GRADES (INCLUDING ADDITIONAL DEPTH OF TOPSOIL) SHALL BE SET 6 INCHES BELOW BUILDING FINISHED FLOORS WHERE ABUTTING BUILDINGS, 1-2 INCHES WHERE ABUTTING WALKWAYS OR CURBS. OR MATCHING OTHER SOFTSCAPE GRADES. GRADE TO UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE GRADES ARE GIVEN. ROUND OFF SURFACES, AVOID ABRUPT CHANGES IN LEVELS. AT COMPLETION OF JOB AND AFTER BACKFILLING BY OTHER TRADES HAS BEEN COMPLETED, REFILL AND COMPACT AREAS WHICH HAVE SETTLED OR ERODED TO BRING TO FINAL GRADES
- 3. EXCAVATION: EXCAVATE FOR SLABS, PAVING, AND OTHER IMPROVEMENTS TO SIZES AND LEVELS SHOWN OR REQUIRED. ALLOW FOR FORM CLEARANCE AND FOR PROPER COMPACTION OF REQUIRED BACKFILLING MATERIAL. DAMAGE TO UTILITIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE
- 4. EFFECTIVE EROSION PREVENTION AND SEDIMENT CONTROL IS REQUIRED. EROSION CONTROL DEVICES MUST BE INSTALLED AND MAINTAINED MEETING THE LOCAL AGENCY AND STATE AGENCY REQUIREMENTS. THE AUTHORITIES HAVING JURISDICTION MAY, AT ANY TIME, ORDER CORRECTIVE ACTION AND STOPPAGE OF WORK TO ACCOMPLISH EFFECTIVE **EROSION CONTROL**
- 5. DRAINAGE SHALL BE CONTROLLED WITHIN THE WORK SITE AND SHALL BE ROUTED SO THAT ADJACENT PRIVATE PROPERTY, PUBLIC PROPERTY, AND THE RECEIVING SYSTEM ARE NOT ADVERSELY IMPACTED. THE ENGINEER AND/OR AUTHORITIES HAVING JURISDICTION MAY, AT ANY TIME, ORDER CORRECTIVE ACTION AND STOPPAGE OF WORK TO ACCOMPLISH EFFECTIVE DRAINAGE CONTROL
- 6. SITE TOPSOIL STOCKPILED DURING CONSTRUCTION AND USED FOR LANDSCAPING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT
- 7. CONTRACTOR TO REVIEW AND CONFIRM GRADES AT JOIN POINTS, SUCH AS AT DAYLIGHT LIMITS AND BUILDING ENTRANCES, PRIOR TO CONSTRUCTION
- 8. ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL BE CONSTRUCTED AT 2% MAXIMUM SLOPE IN ALL DIRECTIONS
- 9. PEDESTRIAN SIDEWALK CONNECTIONS BETWEEN PUBLIC R.O.W. AND BUILDING ENTRANCES SHALL BE CONSTRUCTED AT 2% MAXIMUM CROSS SLOPE AND 5% MAXIMUM LONGITUDINAL SLOPE (8.33% FOR DESIGNATED RAMPS)

UTILITY NOTES

- 1. ALL WORK SHALL CONFORM TO THE CURRENT EDITIONS OF THE STATE PLUMBING AND BUILDING CODES WITH LOCAL AMENDMENTS AS APPLICABLE ALONG WITH ANY ADDITIONAL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- 2. THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING (POTHOLING), PROVIDING SUCH IS PERMITTED BY THE AUTHORITIES HAVING JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
- 3. NOT ALL REQUIRED CLEANOUTS ARE SHOWN ON THE PLANS. PROVIDE CLEANOUTS PER DETAIL 11/C5.10 AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AND THE CURRENT EDITION OF THE STATE PLUMBING CODE (E.G. UNIFORM PLUMBING CODE CHAPTER 7, SECTIONS 707 AND 719, AND CHAPTER 11, SECTION 1101.13).
- 4. ALL SANITARY AND STORM PIPING IS DESIGNED USING CONCENTRIC PIPE TO PIPE AND WYE FITTINGS, UNLESS OTHERWISE NOTED
- 5. ALL DOWNSPOUT LEADERS TO BE 6 INCHES AT 2.0% MINIMUM UNLESS NOTED OTHERWISE
- 6. IF APPLICABLE, PROVIDE 2 INCH PVC DRAIN LINE FROM DOMESTIC WATER METER VAULT AND BACKFLOW PREVENTER VAULT TO THE DOUBLE DETECTOR CHECK VALVE (FIRE) VAULT. PROVIDE 1/3 HP SUMP PUMP AT BASE OF FIRE VAULT AND INSTALL 2 INCH PVC DRAIN LINE WITH BACKFLOW VALVE FROM SUMP PUMP TO DAYLIGHT AT NEAREST CURB. FURNISH 3/4 INCH DIAMETER CONDUIT FROM BUILDING ELECTRICAL ROOM TO FIRE VAULT FOR SUMP PUMP ELECTRICAL SERVICE. NOTE: COORDINATE WITH FIRE PROTECTION CONTRACTOR FOR FLOW SENSOR INSTALLATION AND CONDUIT REQUIREMENTS
- 7. PREFABRICATED PLUMBING PRODUCTS USED SHALL BE LISTED ON THE IAPMO R&T PRODUCT LISTING DIRECTORY (pld.iapmo.org). ALL SUBMITTALS FOR REVIEW SHALL BE ACCOMPANIED BY MANUFACTURER'S LITERATURE CLEARLY STATING THIS CERTIFICATION AND/OR THE PRODUCT LISTING CERTIFICATE FROM THE IAPMO DIRECTORY WEBSITE
- 8. IF APPLICABLE, CONTRACTOR TO PROVIDE POWER TO IRRIGATION CONTROLLER. SEE LANDSCAPE PLANS AND SPECIFICATIONS
- 9. SEE BUILDING PLUMBING DRAWINGS FOR PIPING WITHIN THE BUILDING AND UP TO 5 FEET OUTSIDE THE BUILDING, INCLUDING ANY FOUNDATION DRAINAGE PIPING
- 10. CONTRACTOR TO MAINTAIN MINIMUM 3 FEET OF COVER OVER ALL UTILITY PIPING AND CONDUITS, UNLESS NOTED OTHERWISE
- 11. WHERE CONNECTING TO AN EXISTING PIPE, AND PRIOR TO ORDERING MATERIALS, THE CONTRACTOR SHALL EXPOSE THE EXISTING PIPE TO VERIFY THE LOCATION, SIZE, AND ELEVATION. NOTIFY ENGINEER OF ANY DISCREPANCIES
- 12. CONTRACTOR SHALL SCOPE ALL PRIVATE ONSITE GRAVITY SYSTEM LINES THAT ARE BEING CONNECTED TO FOR PROPOSED SERVICE. SCOPING SHALL OCCUR A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES WITH AS-BUILT RECORDS/SURVEY FINDINGS OR IF THE EXISTING UTILITIES ARE DAMAGED OR SHOW SIGNS OF SIGNIFICANT DETERIORATION. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH VIDEO RECORDS, ALONG WITH A SKETCH IF THE LOCATIONS DIFFER FROM AS-BUILT PLANS OR SURVEY FINDINGS
- 13. PRODUCT MATERIAL SUBMITTALS FOR REVIEW BY THE ENGINEER SHALL BE ACCOMPANIED BY A MANUFACTURER'S CERTIFICATION THAT THE PRODUCT IS CAPABLE OF MEETING PERFORMANCE EXPECTATIONS (I.E. - WATERTIGHT, MINIMUM/MAXIMUM BURIAL PREVENTION OF GROUNDWATER INTRUSION, ETC.) BASED ON THEIR REVIEW OF THE PROJECT PLANS. IN THE ABSENCE OF A MANUFACTURER'S CERTIFICATION, THE GENERAL CONTRACTOR'S REVIEW STAMP SHALL CONSTITUTE THAT THEY HAVE PERFORMED THE NECESSARY REVIEW TO CERTIFY THE PRODUCT'S CONFORMANCE TO PROJECT SPECIFICATIONS AND GENERAL EXPECTATIONS
- 14. PIPE LENGTHS SHOWN ON PLANS ARE TWO DIMENSIONAL AND MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE
- 15. MANHOLE RIM ELEVATIONS SHOWN ON PLANS REFERENCE THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONCILING LIDS/GRATES/ETC TO THE SLOPES OF THE SITE GRADING
- 16. MANHOLE OR VAULT RIM ELEVATIONS SHALL BE SET FLUSH IN PAVEMENT AREAS AND 3-4 INCHES ABOVE GRADE IN LANDSCAPE AREAS. RIMS IN PAVEMENT AREAS SHALL BE H-20 TRAFFIC RATED

SITE WORK NOTES

- 1. ALL CURB RADII TO BE 3 FEET UNLESS NOTED OTHERWISE
- 2. STAIR RISERS AND TREADS SHALL BE CONFORMANT WITH THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION AND THE CURRENT EDITION OF THE STATE BUILDING CODE (E.G. INTERNATIONAL BUILDING CODE, CHAPTER 10, SECTION 1011.5)
- 3. WHEREVER A PEDESTRIAN WALKING PATH IS WITHIN 36 INCHES OF A VERTICAL DROP OF 30 INCHES OR GREATER, GUARDRAIL SHALL BE INSTALLED CONFORMANT WITH THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION AND THE CURRENT EDITION OF THE STATE BUILDING CODE (E.G. INTERNATIONAL BUILDING CODE, CHAPTER 10, SECTION
- 4. PAVEMENTS WITH DEPRESSIONS OR BIRD BATHS, UNCONTROLLED CRACKS WHICH ARE VISIBLE WITHOUT MAGNIFICATION, AND/OR BONY OR OPEN GRADED SURFACES (EXCEPTING POROUS PAVEMENTS) WILL BE CONSIDERED UNACCEPTABLE. CONTRACTOR SHALL REVIEW PAVEMENT REPAIR OR REPLACEMENT ALTERNATIVES WITH THE OWNER AND ENGINEER PRIOR TO CONDUCTING THE REPAIR WORK.

LEGEND	EXISTING	PROPOSED	ABBREVIATIONS	
RIGHT-OF-WAY LINE			€ CENTER LINE	
BOUNDARY LINE			P PROPERTY LINE	
CENTERLINE			AC ASPHALT CONCRETE AHJ AUTHORITY HAVING JURISDICTION	
PROPERTY LINE			AWWA AMERICAN WATER WORKS ASSOCIATION	
CURB			BC BOTTOM OF CURB BCR BEGIN CURB RETURN	
WETLAND BOUNDARY	WTB		BMP BEST MANAGEMENT PRACTICE	
EDGE OF PAVEMENT			BS BOTTOM OF STEP BW BACK OF WALK	
EASEMENT			C COMPACT	
FENCE LINE			CB CATCH BASIN CI CAST IRON	
GRAVEL EDGE			CIP CAST IN PLACE	
POWER LINE	PWR	· · ·	CO CLEANOUT CONC CONCRETE	
OVERHEAD WIRE	— — ОНW—		CLR CLEAR	
TRAFFIC SIGNAL WIRE	TS		CVR COVER DI DUCTILE IRON	
TELEPHONE LINE			DW DOMESTIC WATER	
TELEVISION LINE	TV		ECR END CURB RETURN ELEV ELEVATION	
GAS LINE	GAS	···	EP EDGE OF PAVEMENT	
STORM SEWER LINE	STM		ESC EROSION/SEDIMENT CONTROL EW EACH WAY	
SANITARY SEWER LINE	SAN		EX EXISTING	
WATER LINE	WAT		FDC FIRE DEPARTMENT CONNECTION	
	M ~		FF FINISH FLOOR FG FINISHED GRADE	
TREE			FH FIRE HYDRANT	
CONTROL MANHOLE	•	•	FI FIELD INLET FL FLOWLINE	
DRYWELL		$\stackrel{\smile}{\oplus}$	FW FIRE WATER/FACE OF WALL	
FIRE DEPARTMENT CONNECTION	FDC) Ø	G/GUT GUTTER LINE GB GRADE BREAK	
FIRE DEPARTMENT CONNECTION	FDC Q	<u>o</u>	H ACCESSIBLE STALL	
FIRE HYDRANT	Q	₩	HDPE HIGH-DENSITY POLYETHYLENE HMA HOT MIX ASPHALT	
WATER BLOWOFF/AIR RELEASE	P WBO	0	IE INVERT ELEVATION	
WATER METER	WM	•	LT LEFT ME MATCH EXISTING	
WATER VALVE	WAT MAT	\otimes	MH MANHOLE	
BACKFLOW PREVENTOR	[7]03	® □ →8	MJ MECHANICAL JOINT NTS NOT TO SCALE	
WATER VAULT	WV		OC ON CENTER	
MONITORING WELL	(V)		ODOT OREGON DEPARTMENT OF TRANSPORTATION OSHA OREGON STATE HEALTH AUTHORITY	
STORM/SANITARY MANHOLE	(S) (D)		OSSC OREGON STATE REALTH AUTHORITY OSSC OREGON STATE SPECIFICATIONS FOR CONSTRUCT	ΓΙΟΝ
STORM SEWER CATCH BASIN			PC POINT OF COMPOUND CURVATURE	
SANITARY CLEAN OUT	⊙ ^{SC}	•	PCC POINT OF COMPOUND CURVATURE PCCP PORTLAND CEMENT CONCRETE PAVING	
GAS VALVE	GV		PR PROPOSED	
GAS METER	GM		PRC POINT OF REVERSE CURVATURE PT POINT OF TANGENCY	
SIGN			PVC POLYVINYL CHLORIDE	
MAIL BOX	MB	-	RD ROOF DRAIN ROW RIGHT OF WAY	
FOUND SURVEY MONUMENT			RSGV RESILIENT SEAT GATE VALVE	
GUY WIRE ANCHOR	\leftarrow		RT RIGHT S STANDARD	
UTILITY POLE	0		SAN SANITARY SEWER	
HVAC UNIT	AC		STA STATION STM STORM DRAIN	
POWER VAULT	P		SW SIDEWALK	
ELECTRICAL METER	EM		TC TOP OF CURB TH THRESHOLD	
POWER JUNCTION BOX			TS TOP OF STEP	
	EB		TW TOP OF WALL TYP TYPICAL	
POWER TRANSFORMER	TFR	⊠ ~	WC WHEELCHAIR	
LIGHT POLE	*	\$		
TELEPHONE/TELEVISION VAULT				
TELEPHONE/TELEVISION JUNCTION BOX TELEPHONE/TELEVISION RISER	TR			
SIGNAL JUNCTION BOX	SGB			
BOLLARD	SGB	<u> </u>		
ADA COMPLIANT CURB RAMP SLOPE ARROW	\odot	⊚ <i>←</i>		
SLOPE ARROW				
GLOFE ANKOW				

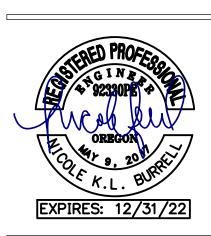
Planning - Engineering

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Do It Best: Building Expansion 333 S Woodland Ave Woodburn, OR 97071



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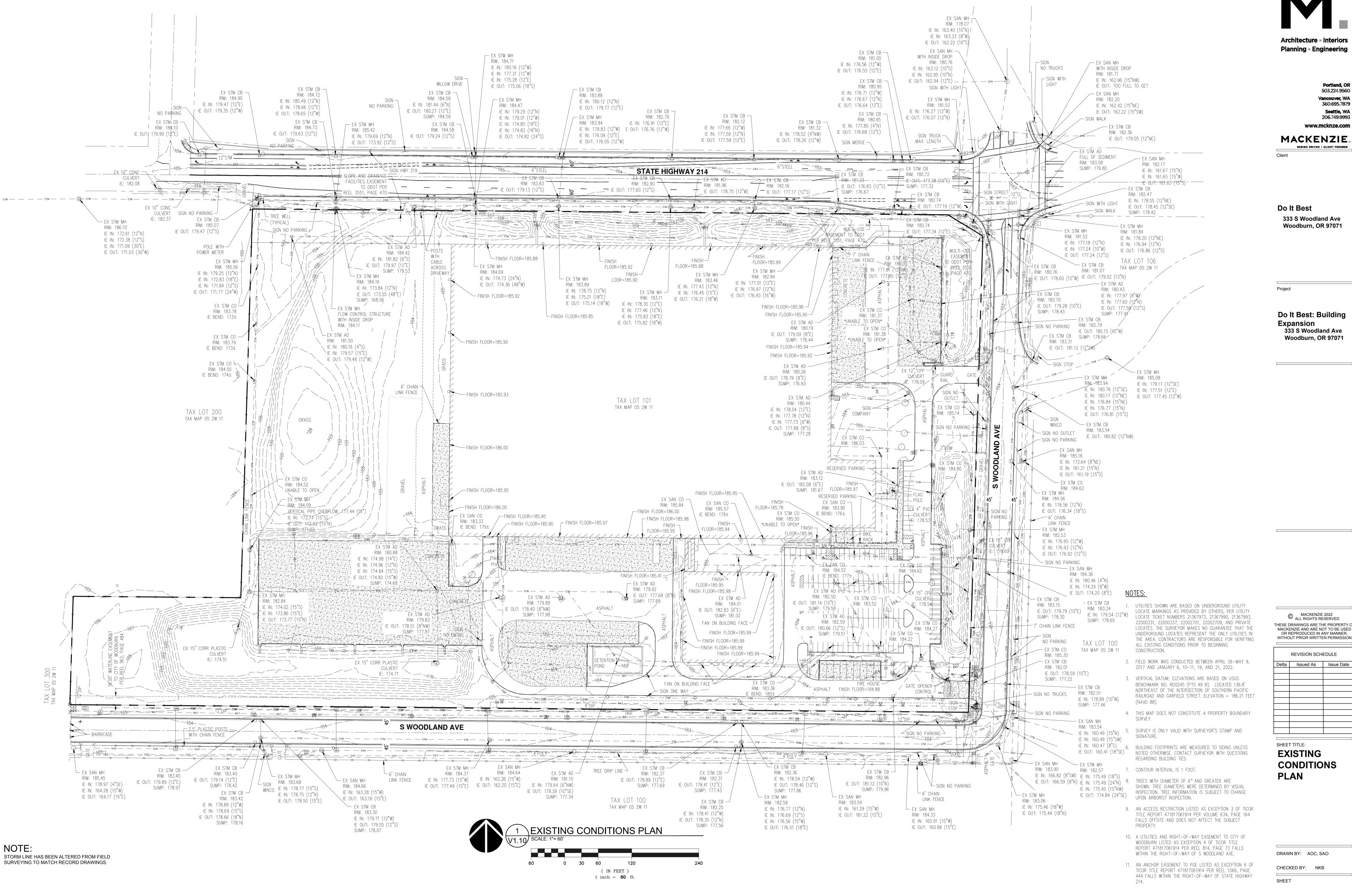
REVISION SCHEDULE

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SHEET TITLE:					

CIVIL GENERAL NOTES, **SYMBOLS AND ABBREVIATIONS**

C0.01

PERMIT SET 8/4/2022



Seattle, WA 206.749.9993

333 S Woodland Ave

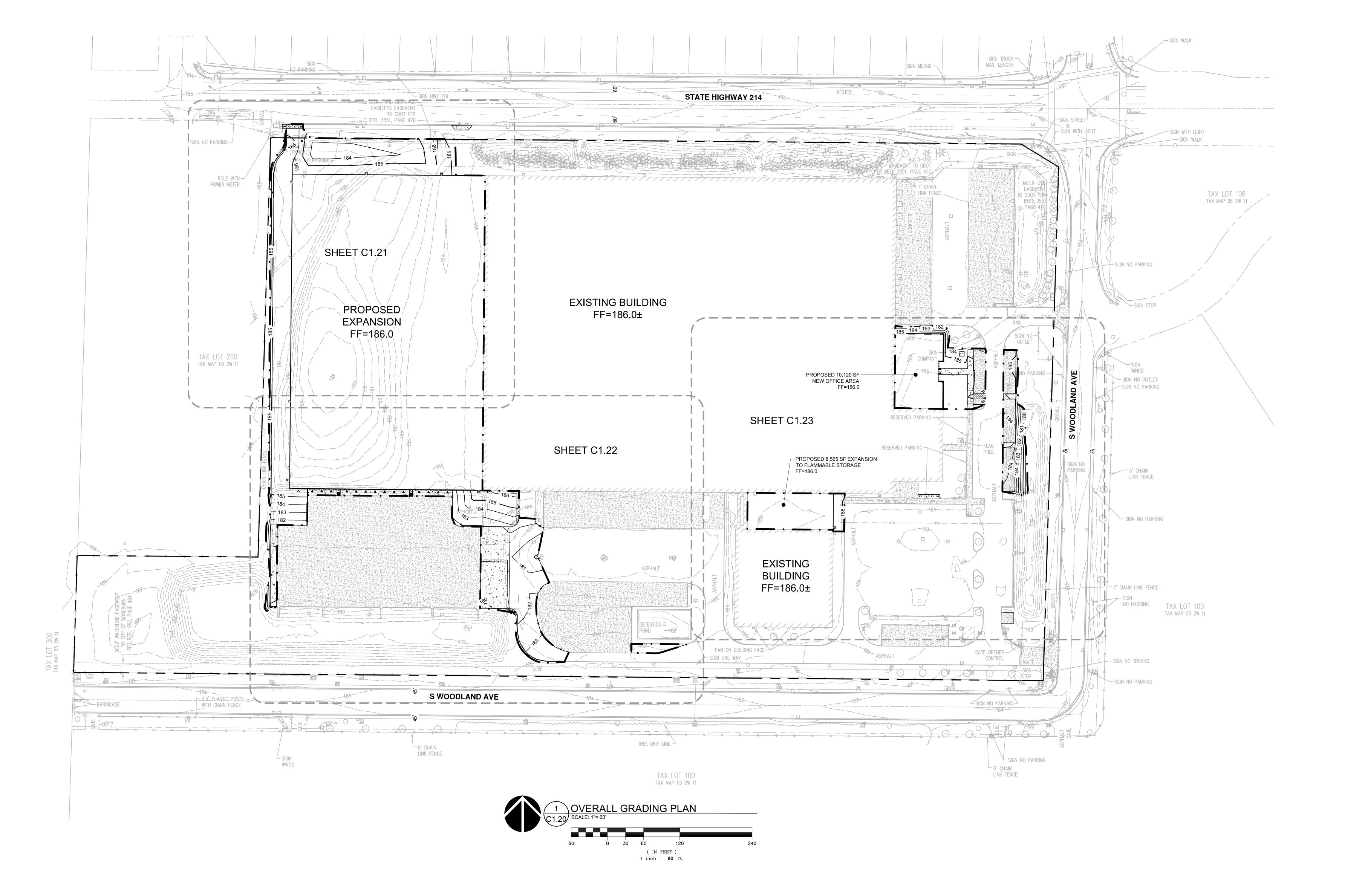
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Architecture - Interiors

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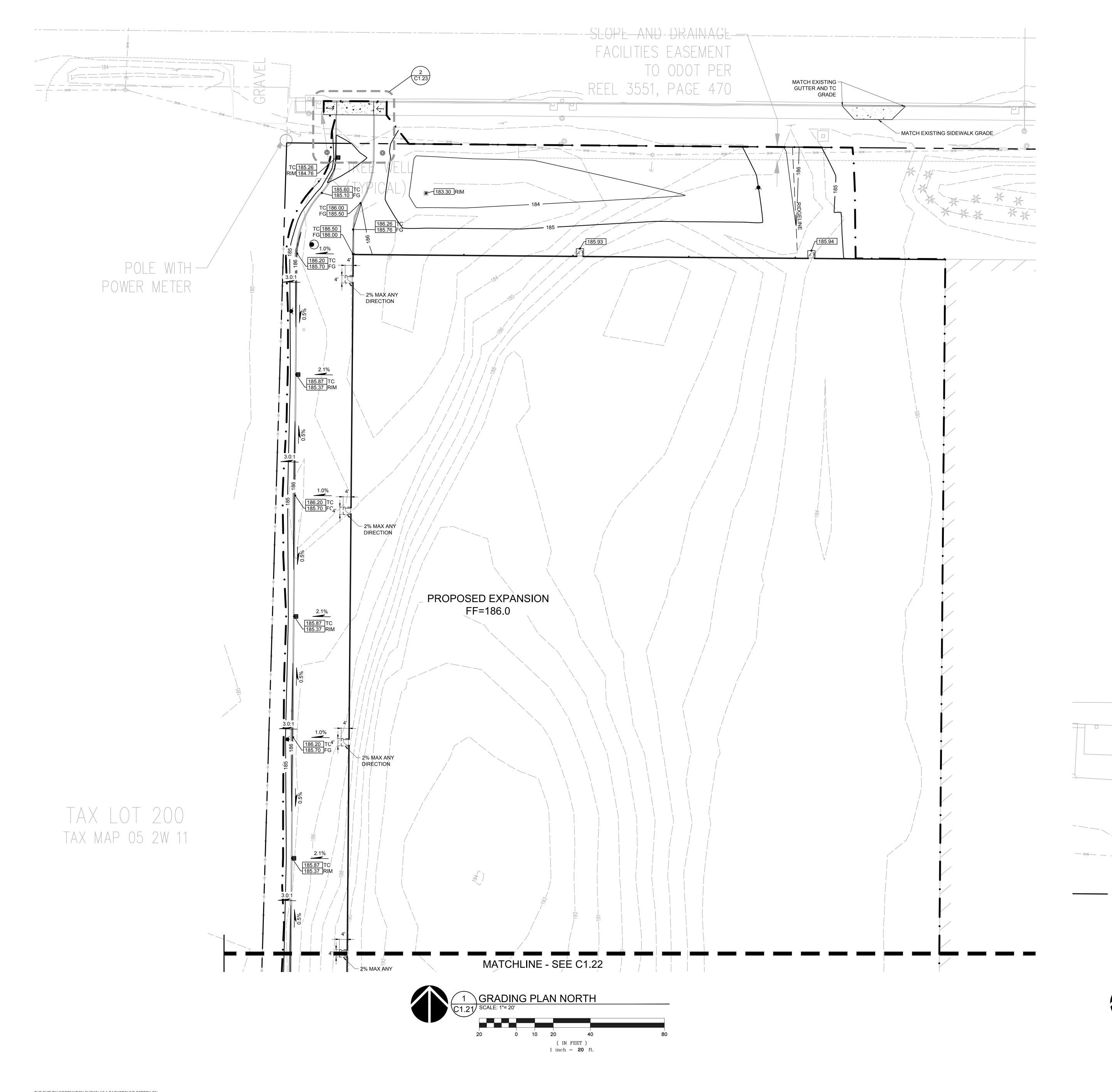
OVERALL

GRADING PLAN

DRAWN BY:

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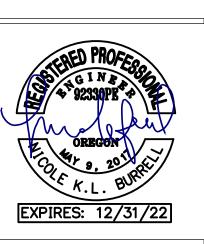
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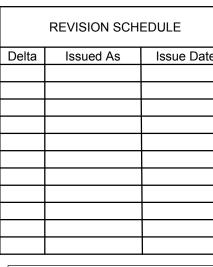
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TC 185.77 FG 185.27

1.5%

2 DRIVEWAY ENLARGEMENT

(IN FEET) 1 inch = 5 ft.

185.78

SHEET TITLE:

GRADING PLAN

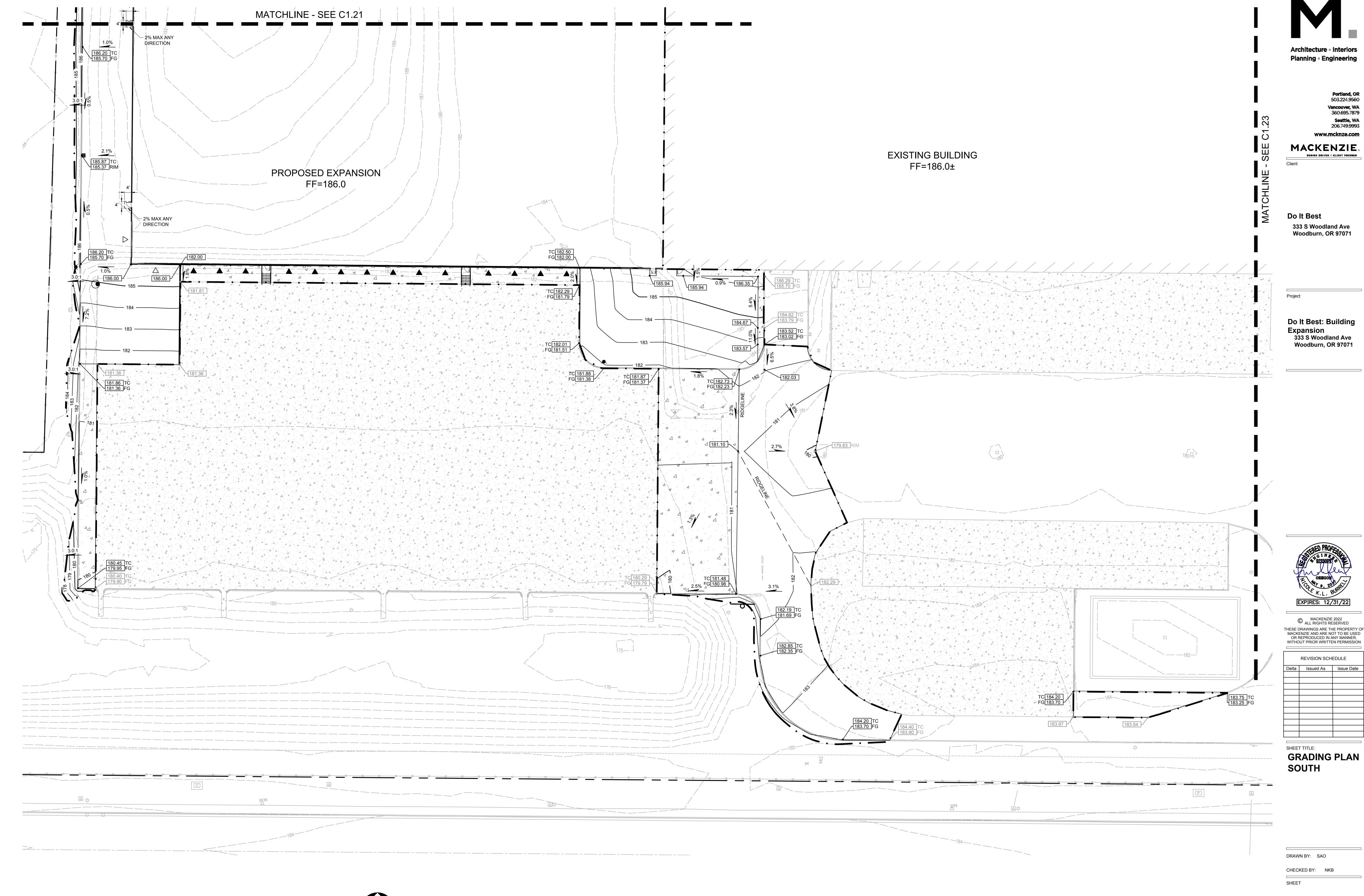
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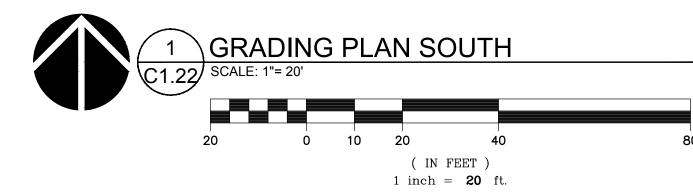
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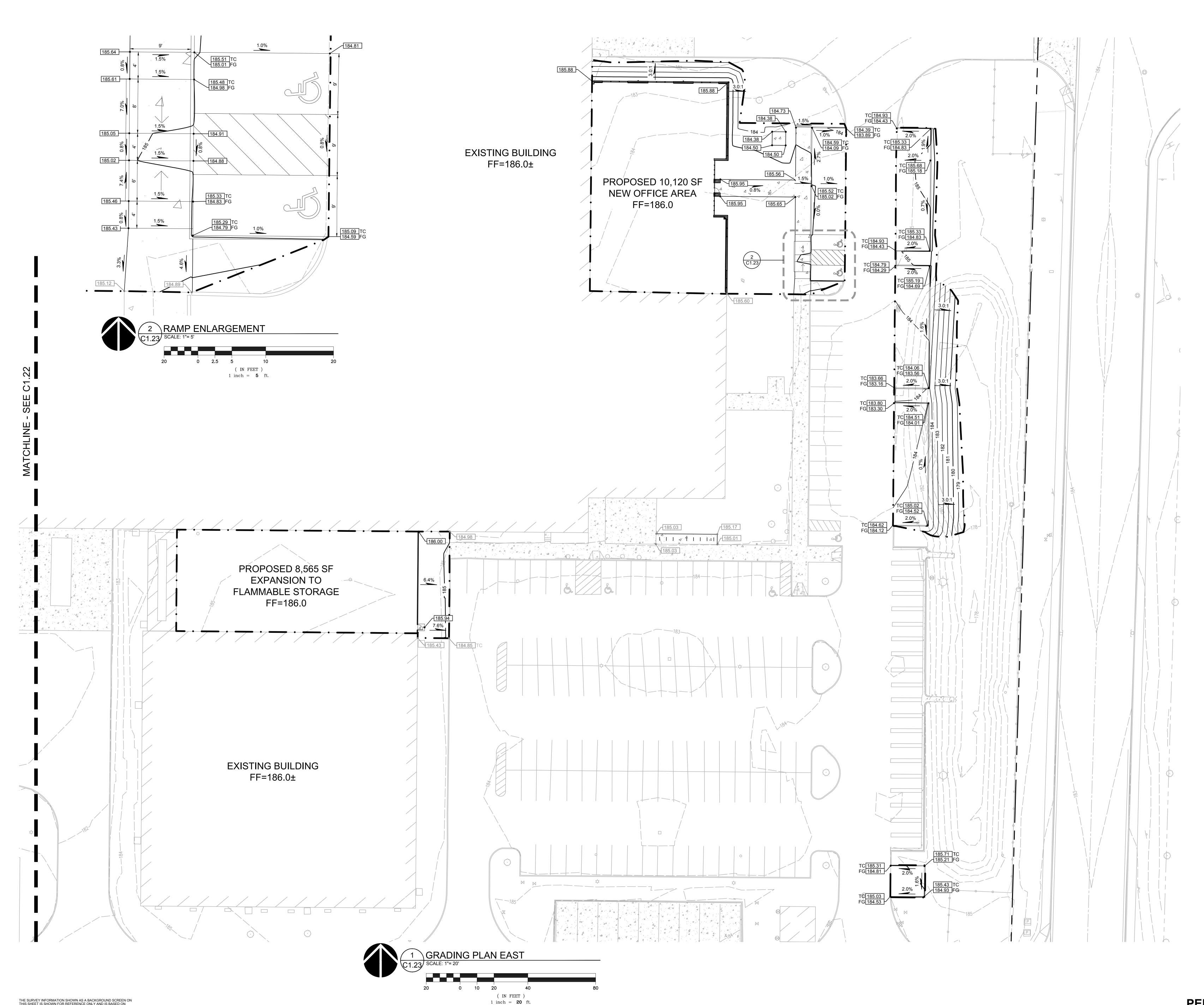
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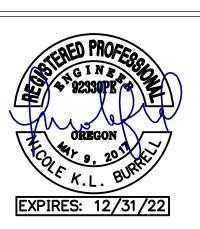
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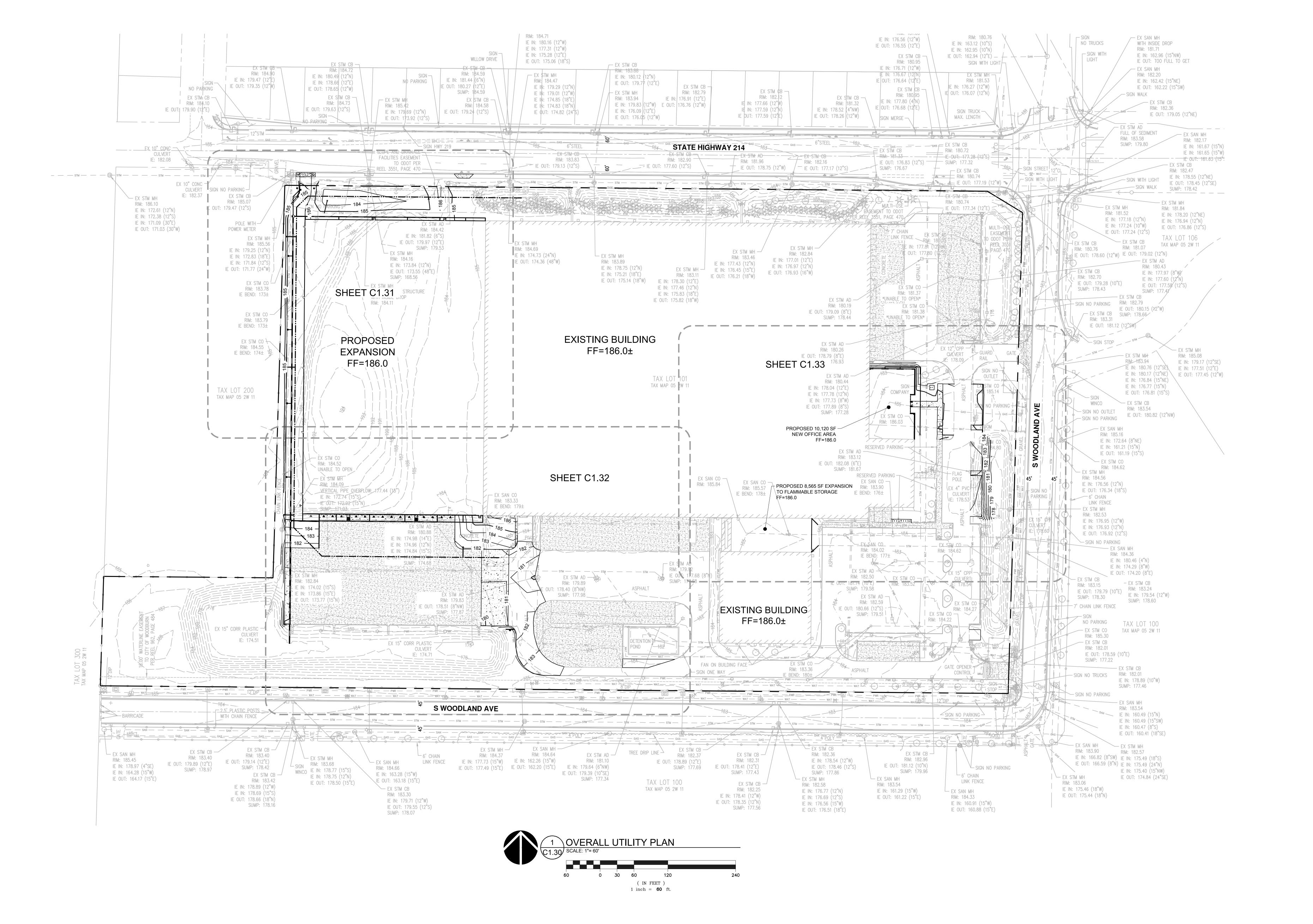
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REVISION SCHEDULE

GRADING PLAN EAST

DRAWN BY: SAO CHECKED BY: NKB

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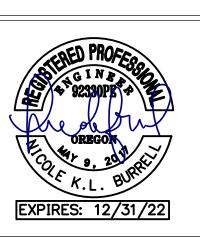
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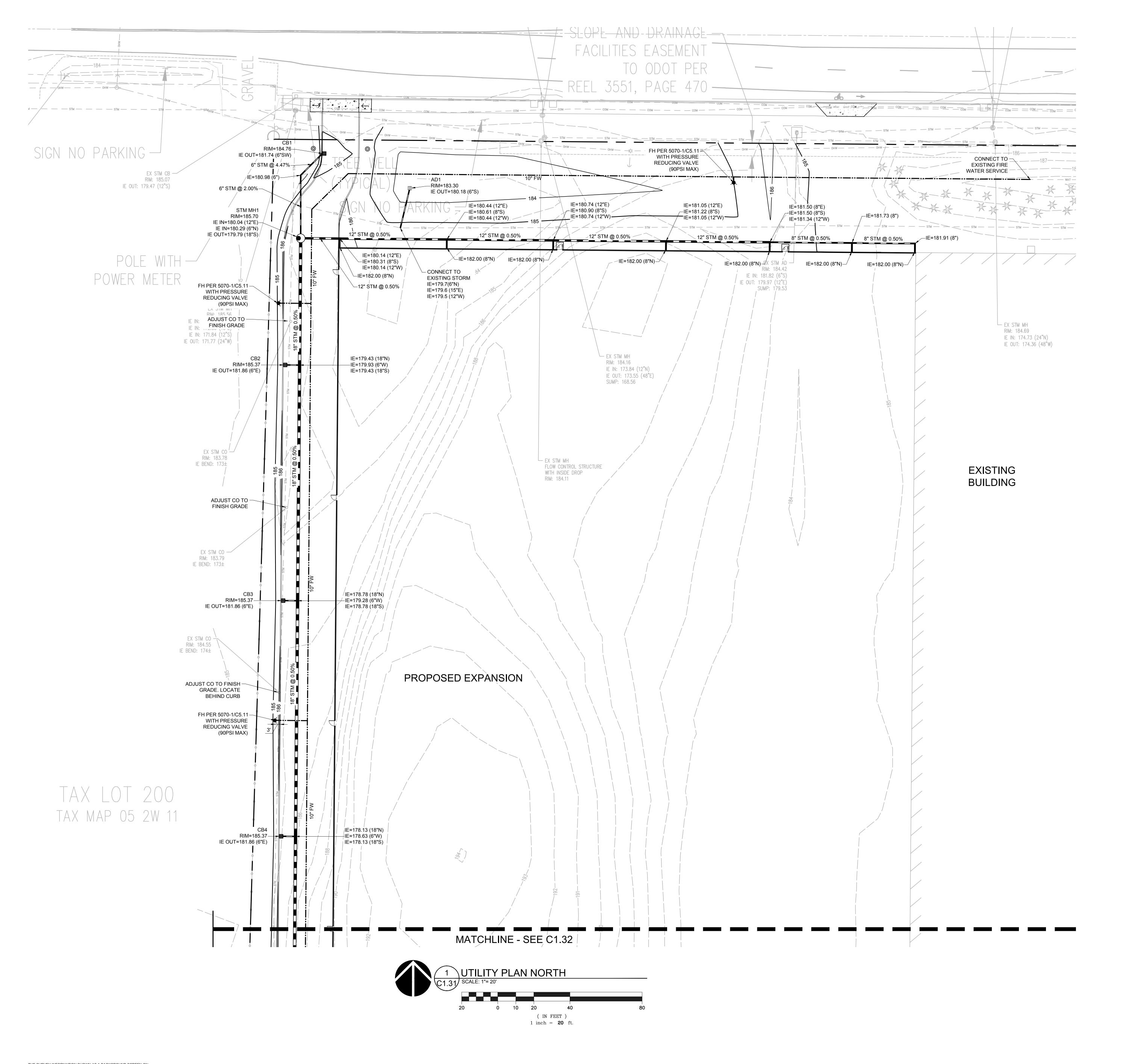
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Delta	Issued As	Issue Date		

OVERALL
UTILITY PLAN

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CHECKED BY:

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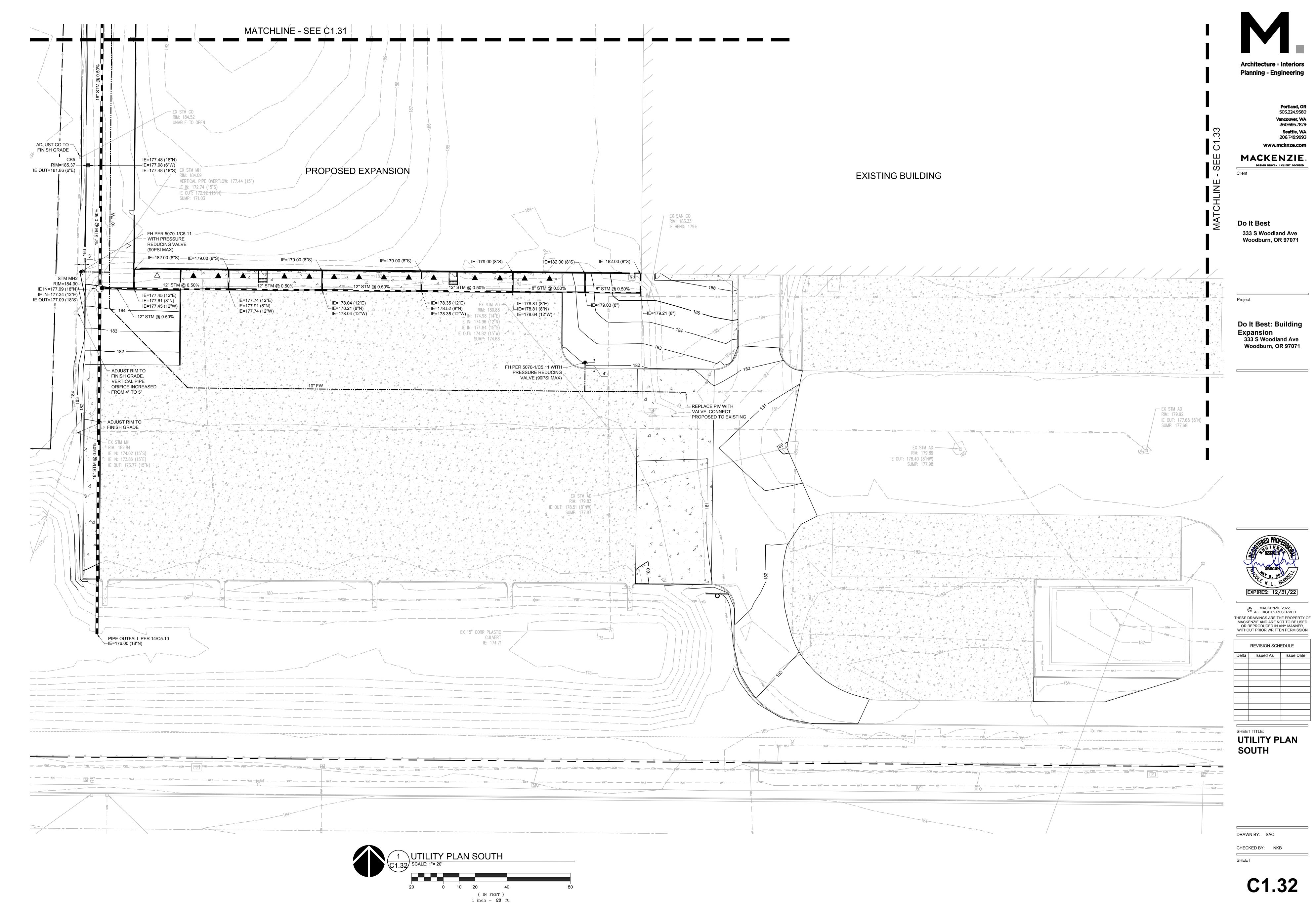
SHEET TITLE:
UTILITY PLAN
NORTH

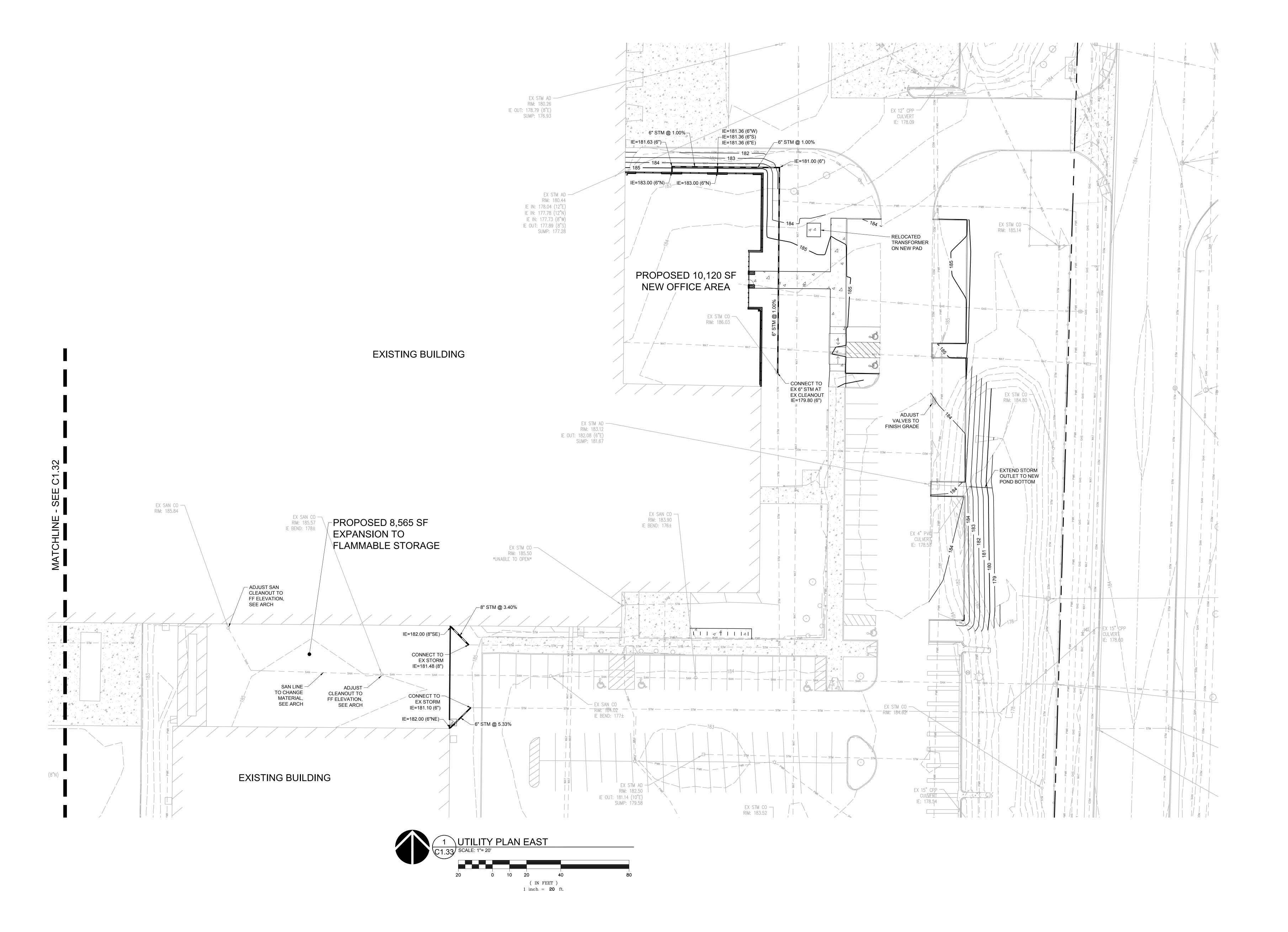
DRAWN BY: SAO

CHECKED BY: NKB

SHEET

C1.31







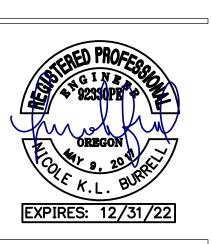
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REVISION SCHEDULE

SHEET TITLE:
UTILITY PLAN **EAST**

DRAWN BY: SAO CHECKED BY: NKB

C1.33

DO IT BEST EXPANSION DESIGN BUILD EROSION AND SEDIMENT CONTROL PLAN

WOODBURN, OREGON

SOURCE OF EROSION. (SECTION 2.2.2)

PERIMETER AREAS. (SECTION 2.2.1)

BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)

CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1. AND 2.2.16)

MUST BE IN PLACE PRIOR TO LAND- DISTURBING ACTIVITIES. (SECTION 2.2.7)

PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.A)

WATERWAY RIPARIAN ZONE. (SECTION 2.3.5)

SURFACE WATERS, (SECTION 2.2.8)

FENCE REMOVAL. (SECTION 2.1.5.B)

REQUIRED TIMEFRAME. (SECTION 2.2.19.A)

OF PERMIT COVERAGE. (SECTION 2.2.21)

MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)

HEIGHT AND BEFORE BMP REMOVAL. (SECTION 2.1.5.C)

DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)

STORAGE AREAS FOR WASTE AND SUPPLIES. (SECTION 2.3)

CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)

TAX LOT: TL 101 (052W110000101) T05 02W S11 MARION COUNTY, OREGON

STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES

ONCE KNOWN, INCLUDE A LIST OF ALL CONTRACTORS THAT WILL ENGAGE IN CONSTRUCTION ACTIVITIES ON SITE, AND THE AREAS OF

COVERAGE IS TERMINATED (SECTION 4.4.C.I). IN ADDITION, INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE

RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER,

2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)

4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL

5. THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES

. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS

8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A

INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE

11. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE

15. $\,$ CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES

CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A

SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT). (SECTION

(OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS

20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED

21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.F) 22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM

23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)

MAINTENANCE, AND STORAGE: OTHER CLEANING AND MAINTENANCE ACTIVITIES: AND WASTE HANDLING ACTIVITIES. THESE

26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON

27. IF ENGINEERED SOILS ARE USED ON SITE. A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND

28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE

29. IMPLEMENT THE FOLLOWING BMPS WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE

TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE

30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9) 31. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY

32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC.

DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO

33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2)

36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND

37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF

39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY

40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE

SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 2.2.19)

TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 6.5.F.)

WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 2.2.20)

38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE

41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR

42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED

MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL

AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND

RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION

SPILL PREVENTION IS AN IMPORTANT FACTOR IN THE SUCCESSFUL OPERATION OF A STORMWATER MANAGEMENT SYSTEM. ALL

EMPLOYEES WILL BE TRAINED TO THIS PLAN SO THAT THEY ARE CERTAIN OF THE LOCATION OF MATERIALS, WHO TO NOTIFY IN CASE OF A

SPILL, AND HOW TO INITIALLY CONTAIN THE SPILL OF HAZARDOUS MATERIALS. EMPLOYEES SHALL NEVER DUMP WATER MATERIALS INTO

THE STORMWATER COLLECTION/TREATMENT SYSTEM. EMPLOYEES SHALL BE OBSERVANT OF OTHER POTENTIAL CONTAMINATION

OCCURRENCES. ALL EMPLOYEES WILL REVIEW THE FOLLOWING DETAILED SPILL RESPONSE STEPS. THIS DATA WILL BE POSTED IN AN

ACCESSIBLE AREA. ONLY DRY CLEANUP METHODS MAY BE EMPLOYED TO CLEAN UP SPILLS I.E. NO USE OF WATER TO WASH SPILLED

OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS

LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING

34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO

35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE

PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM

SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED

24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12

POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS.

9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM

10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATIO

14. CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM

19. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE

DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.6 AND 2.2.13)

LEFT UNVEGETATED. SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS.(SECTIONS 2.2.20 AND 2.2.21)

BMP INSTALLER (SEE SECTION 4.10), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.C.II)

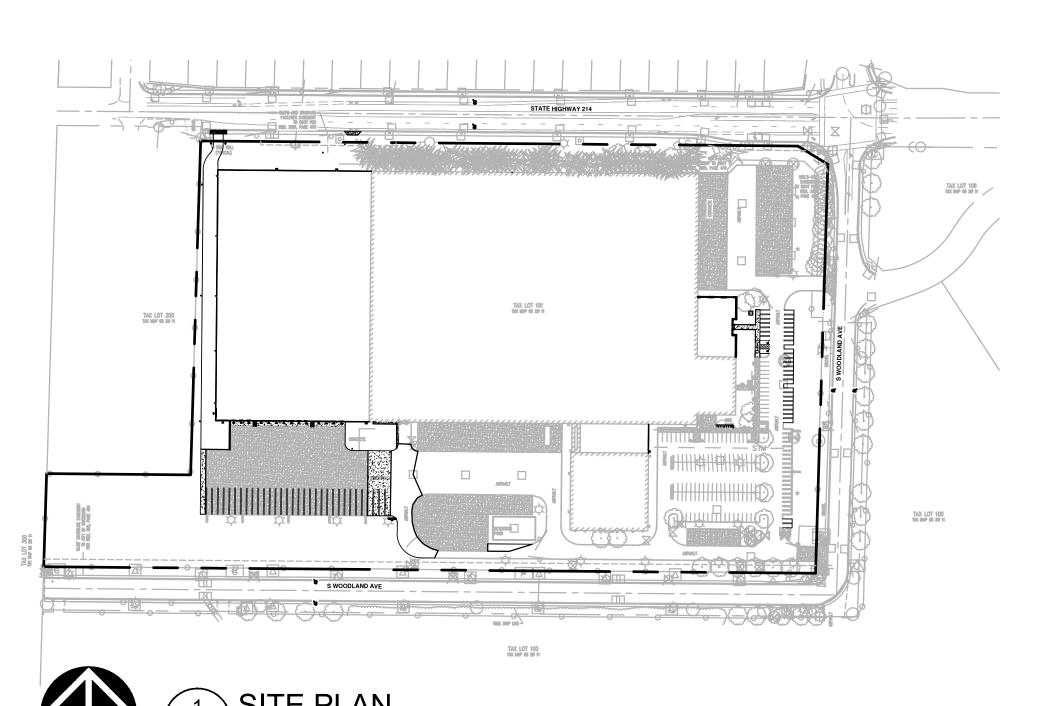
DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11)

SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)

6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS, (SECTION 4.8)

INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.Q)

THE SITE WHERE THE CONTRACTOR(S) WILL ENGAGE IN CONSTRUCTION ACTIVITIES. REVISE THE LIST AS APPROPRIATE UNTIL PERMIT



OR HWY 219

S WOODLAND AVE

PARR RD NE

PARR RD NE

SITE

STAFNEY LANE

CLIENT PERLO CONSTRUCTION CONTACT: CHRIS MCLAUGHLIN 11450 SW AMU STREET TUALATIN, OR 97062

PHONE: 503-624-2090

PHONE: 503-224-9560

CIVIL ENGINEER MACKENZIE CONTACT: NICOLE BURRELL 1515 SE WATER AVE, SUITE 100 PORTLAND, OR 97214

SURVEYOR AKS ENGINEERING AND FORESTRY, LLC. CONTACT: JOSEPH SULLIVAN 3700 RIVER ROAD NORTH, STE 1 KEIZER, OR 97303 PHONE: 503-400-6028

GEOTECHNICAL GEOPACIFIC ENGINEERING. INC CONTACT: JAMES IMBRIE 14835 SW 72ND AVENUE PORTLAND, OR 97224 PHONE: 503-598-8445

NARRATIVE DESCRIPTION **EXISTING SITE CONDITIONS**

• INDUSTRIAL WAREHOUSE BUILDING WITH ASSOCIATED TRAILER PARKING, LANDSCAPE, DRIVE AISLE AND SIDEWALKS

DEVELOPED CONDITIONS

• BUILDING ADDITIONS FOR WAREHOUSE, FLAMMABLE STORAGE, OFFICE 25. USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, AND ASSOCIATED SITE WORK

NATURE OF CONSTRUCTION **ACTIVITY AND ESTIMATED TIME**

• MASS GRADING (JUNE 2022 TO AUGUST 2022) • UTILITY INSTALLATION (AUGUST 2022 TO OCTOBER 2022) • SITE CONSTRUCTION (JUNE 2022 TO OCTOBER 2022) • FINAL STABILIZATION (OCTOBER 2022)

SITE SOIL CLASSIFICATION:

AM - AMITY SILT LOAM CO - CONCORD SILT LOAM WUA - WOODBURN SILT LOAM, 0 TO 3 PERCENT SLOPES WUC - WOODBURN SILT LOAM, 3 TO 12 PERCENT SLOPES

RECEIVING WATER BODIES

EAST SENECAL CREEK TRIBUTARY

SITE AREA:

1,220,782.51 SF (28.02 AC)

IMPROVEMENTS:

SITE DISTURBED AREA = 274,638 SF (6.30 AC)

RAIN GAUGE LOCATION

ELEV: 194 FT; LAT/LON: 45.24658/-122.77095

AURORA STATE AIRPORT, AURORA, OREGON

ACTIVITY	POTENTIAL POLLUTANTS
CLEARING & DEMOLITION	SEDIMENT, FUEL
MASS GRADING	SEDIMENT, FUEL
UTILITY INSTALLATION	SEDIMENT, FUEL
FOUNDATION INSTALLATION	CONCRETE, FUEL
SITE PAVING	CONCRETE, FUEL

ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

SITE INSPECTOR

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200C

PERMIT ISSUED FOR THIS PROJECT. THIS ESCP AND GENERAL CONDITIONS

PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE

1200C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200C

SITE: SOUTH OF NE HILLSBORO-SILVERTON HIGHWAY, NORTH AND WEST

PERMITTEE'S SITE INSPECTOR: STEVE DUSENBERRY COMPANY/AGENCY: PERLO CONSTRUCTION PHONE: 971-202-8405 E-MAIL: SDUSENBERRY@PERLO.BIZ CERTIFICATION: CESCL CERTIFICATION NUMBER: ECO-3-8232001

2 VICINITY MAP

LATITUDE = 45.150055° N LONGITUDE = -122.888256° W

PROPERTY DESCRIPTION

SECTION 11. TOWNSHIP 5 SOUTH, RANGE 2 WEST, WILLAMETTE

PROJECT LOCATION

MERIDIAN, MARION COUNTY, OREGON

DEQ 1200-C PERMIT

CERTIFICATION EXPIRATION: AUG 23, 2023

OF SOUTH WOODLAND AVE.

WOODBURN, OR

RATIONALE STATEMENT

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

POLLUTANT-GENERATING ACTIVITIES SPILL PREVENTION AND CONTROL NOTES

ACTIVITY	POTENTIAL POLLUTANTS	•
CLEARING & DEMOLITION	SEDIMENT, FUEL	•
MASS GRADING	SEDIMENT, FUEL	•
UTILITY INSTALLATION	SEDIMENT, FUEL	•
FOUNDATION INSTALLATION	CONCRETE, FUEL	
SITE PAVING	CONCRETE, FUEL	

GET THE SPILL KIT (AND SPILL KIT INSTRUCTIONS WHEN PROVIDED) 1.1. IF POSSIBLE, DETERMINE VISUALLY WHAT TYPE OF FLUIDS HAVE BEEN SPILLED

MATERIALS FROM PAVEMENT WILL BE CONDUCTED).

WHAT TO DO IN CASE OF A SPILL

CITY OF WOODBURN PUBLIC WORKS:

1.2. PUT ON GLOVES AND GLASSES OR ANY OTHER NECESSARY PERSONAL PROTECTIVE EQUIPMENT (PPE)

(503) 982-5284

1.3. GET THE ABSORBENT MATERIAL PROVIDED IN THE KIT AND DRAIN BLOCK COVER (PIG) 1.4. PLACE THE ABSORBENT MATERIAL IN THE PATH OF THE SPILL

1.5. REMOVE ANY DEBRIS FROM THE VICINITY OF THE CATCH BASIN INLETS IN THE PARKING LOT

1.6. UNROLL THE DRAIN BLOCKER, AND PLACE IS SNUGLY OVER THE CATCH BASIN INLET

1.7. VERIFY THE COVER HAS FULL CONTACT WITH THE RIM OF THE CATCH BASIN INLET 1.8. USE SNAKES, PILLOW OR PIGS TO COMPLETELY CONTAIN THE AREAS

2. NOTIFY THE FOLLOWING PERSONNEL IMMEDIATELY:

DEPARTMENT OF ENVIRONMENTAL QUALITY: (800) 452-0311

> (800) 452-4011 (503) 229-5696

INSPECTION FREQUENCY TABLE

SITE CONDITION	MINIMUM FREQUENCY
	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE.
1. ACTIVE PERIOD	WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE. AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING
2. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN A AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2. HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DA AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF T RECEIVING WATERBODY
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED.IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY

HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS

ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS

RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ. AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE

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

BMP MATRIX FOR CONSTRUCTION PHASES

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

	CLEARING	MASS GRADING	UTILITY INSTALLATION	STREET CONSTRUCTION	FINAL STABILIZATION
EROSION PREVENTION			1		
PRESERVE NATURAL VEGETATION	**X	Х	Х	Х	Х
GROUND COVER					Х
HYDRAULIC APPLICATIONS					Х
PLASTIC SHEETING					
MATTING					
DUST CONTROL	Х	Х	Х	Х	Х
TEMPORARY/PERMANENT SEEDING		Х	Х	Х	Х
BUFFER ZONE	**X	Х	Х	X	Х
OTHER:					
SEDIMENT CONTROL	-				
SEDIMENT FENCE (PERIMETER)	**X	Χ	Х	Х	Х
SEDIMENT FENCE (INTERIOR)	X	Х	Х	X	X
STRAW WATTLES					
FILTER BERM					
INLET PROTECTION	**X	Х	Х	X	Х
DEWATERING			Х		
SEDIMENT TRAP					
NATURAL BUFFER ENCROACHMENT	Х	Х	Х	Х	Х
SEDIMENT BAG	Х	Х	Х	Х	Х
OTHER:					
RUNOFF CONTROL	•		1		
CONSTRUCTION ENTRANCE					
PIPE SLOPE DRAIN					
OUTLET PROTECTION					
SURFACE ROUGHENING					
CHECK DAMS					
OTHER:					
POLLUTION PREVENTION			•		•
PROPER SIGNAGE	Х	Χ	Х	Х	Х
HAZ WASTE MGMT	Х	Х	Х	Х	Х
SPILL KIT ON-SITE	Х	Х	Х	Х	Х
CONCRETE WASHOUT AREA			Х	Х	
OTHER:					

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

POTENTIAL AUTHORIZED NON-STORMWATER DISCHARGES

WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES

• FIRE HYDRANT FLUSHING PROPERLY MANAGED LANDSCAPE IRRIGATION

WATER USED TO WASH EQUIPMENT AND VEHICLES (EXCLUDING THE ENGINE, UNDERCARRIAGE, AND WHEELS/TIRES)

PROVIDED THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED WATER USED TO CONTROL DUST

POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS

• EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES

PAVEMENT WASH WATERS, PROVIDED SPILLS OR LEAKS OF TOXIC OR HAZARDOUS SUBSTANCES HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED. DIRECTING PAVEMENT WASH WATERS INTO ANY SURFACE WATER, STORM DRAIN INLET, OR STORMWATER CONVEYANCE IS PROHIBITED, UNLESS THE CONVEYANCE IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE

SHEET INDEX EROSION AND SEDIMENT CONTROL PLANS

CONTROL FOR THE POLLUTANTS PRESENT

EC1.0 EROSION AND SEDIMENT CONTROL COVER SHEET

EROSION AND SEDIMENT CONTROL DETAILS

CLEARING AND DEMOLITION ESC PLAN MASS GRADING AND STABILIZATION CONSTRUCTION ESC PLAN

UTILITY CONSTRUCTION ESC PLAN

FOUNDATION ESC PLAN

360.695.7879 206.749.9993

503.224.9560

Do It Best

333 S Woodland Ave

Woodburn, OR 97071

Do It Best: Building **Expansion** 333 S Woodland Ave

Woodburn, OR 97071

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REVISION SCHEDULE DEQ REPLY 07/06/2022

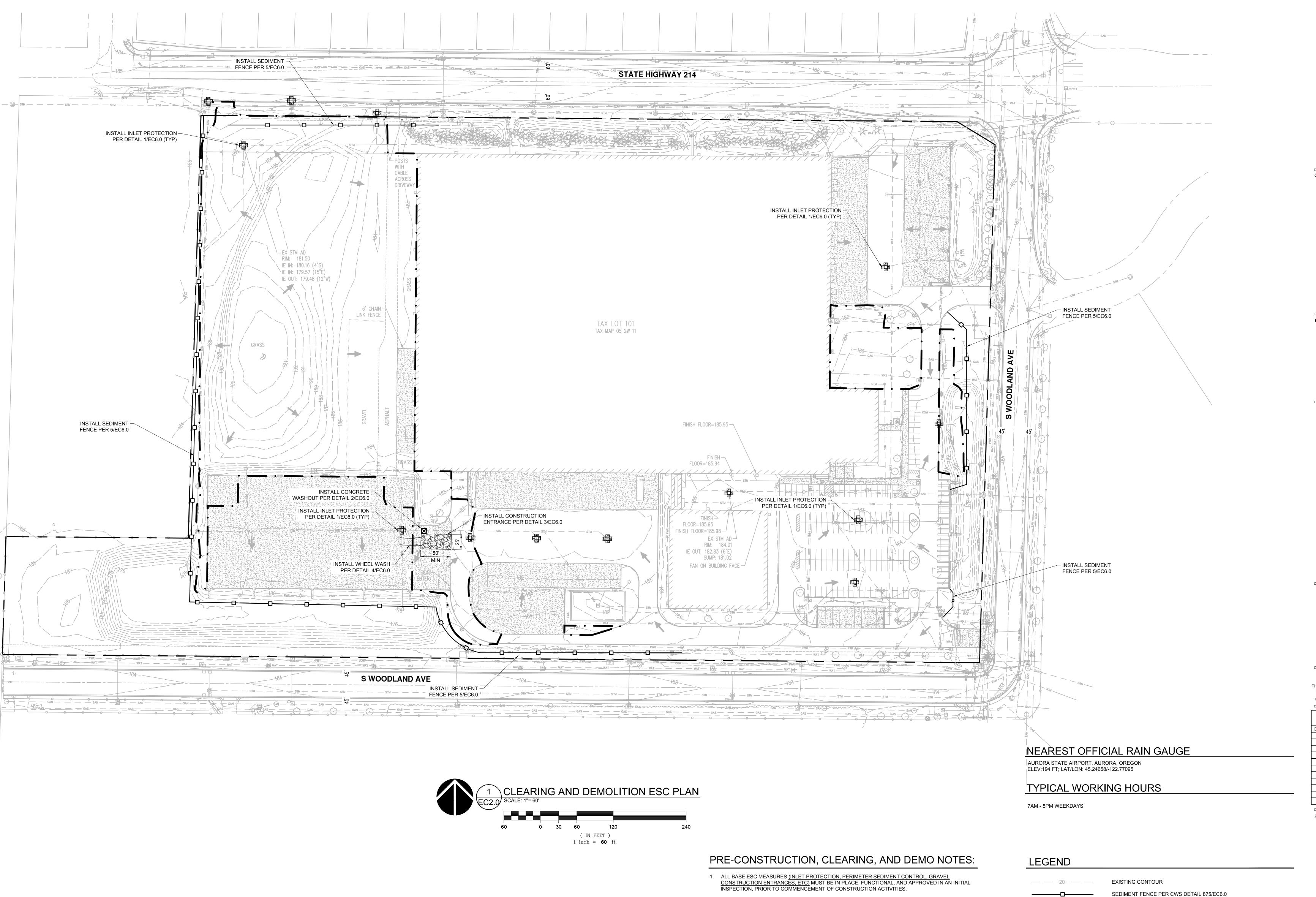
EROSION AND SEDIMENT CONTROL **COVER SHEET**

DRAWN BY: AOC, SAO CHECKED BY: NKB

SHEET

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2. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE <u>SEDIMENT FENCE</u>, <u>BERMS</u>, <u>CONSTRUCTED OUT OF MULCH</u>, <u>CHIPPINGS OR OTHER SUITABLE MATERIAL</u>, <u>STRAW WATTLES</u>, <u>OR OTHER APPROVED</u>

PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR

LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO ENSURE THAT ALL PAVED

SUBSTANTIAL CONSTRUCTION ACTIVITIES. RUN-ON AND RUN-OFF CONTROL MEASURES INCLUDE: SLOPE DRAINS (WITH OUTLET PROTECTION), CHECK DAMS, SURFACE ROUGHENING, AND BANK

6. ADDITIONAL EROSION CONTROL MEASURES AND DETAILS CAN BE FOUND IN DEQ'S CONSTRUCTION

3. SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN

ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.

AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

STORMWATER BEST MANAGEMENT PRACTICES MANUAL, FEBRUARY 2021.

CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO

4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT

5. RUN-ON AND RUN-OFF CONTROLS SHALL BE IN PLACE AND FUNCTIONING PRIOR TO BEGINNING

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CLEARING AND DEMOLITION ESC PLAN

DRAWN BY: CHECKED BY:

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LIMITS OF DISTURBANCE

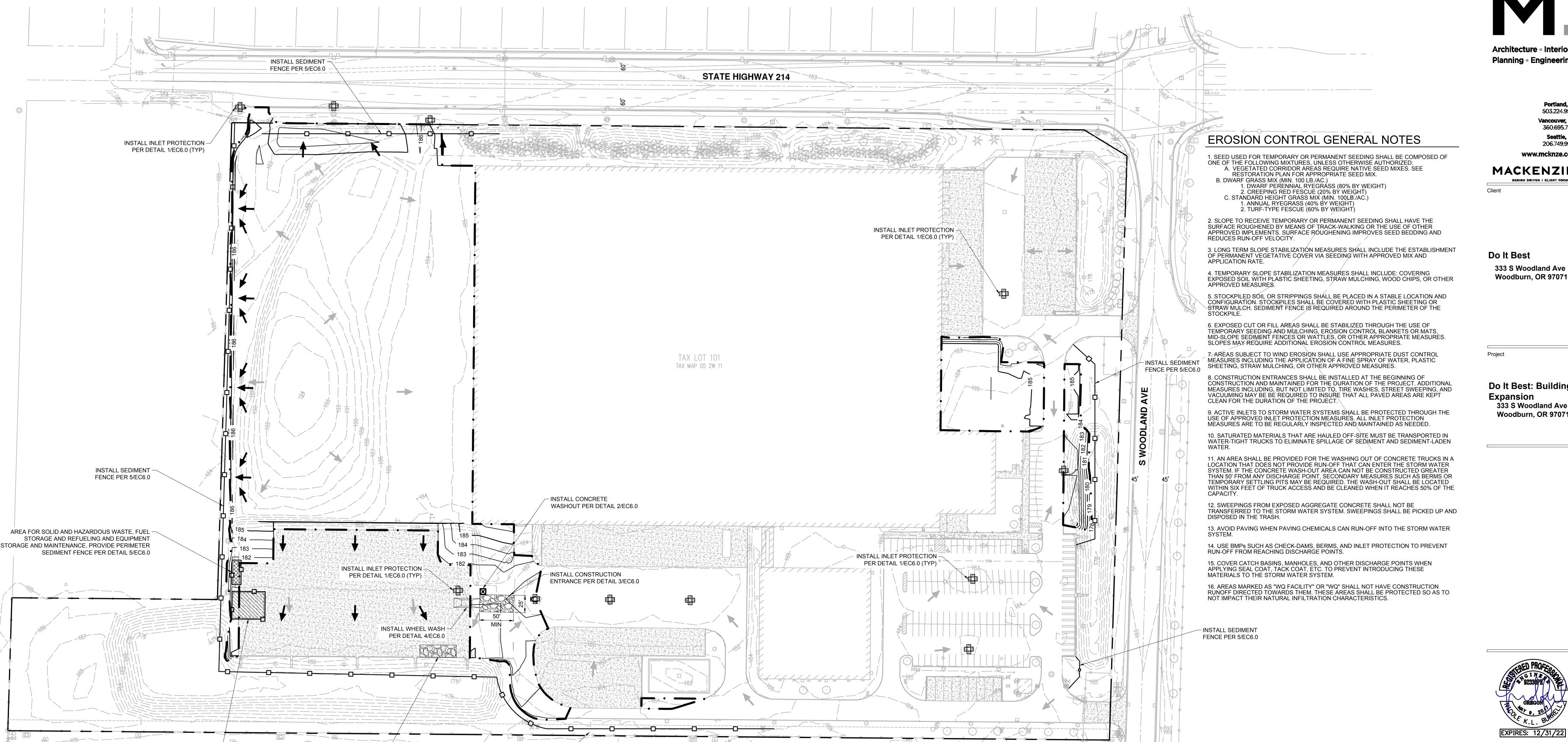
EXISTING DRAINAGE FLOW ARROW

CATCH BASIN SEDIMENT FILTER BAG PER CWS DETAIL 920/EC6.0

CONCRETE WASHOUT, PER CWS DETAIL 900/EC6.0

CONSTRUCTION ENTRANCE PER CWS DETAIL 855/EC6.0

WHEEL WASH PER CWS DETAIL 870/EC6.0



DEWATERING NOTE

1. CONTRACTOR SHALL MONITOR DEWATERING OPERATIONS WITH DAILY INSPECTIONS DURING DEWATERING OPERATIONS.

AREA FOR TEMPORARY SOIL -

STOCKPILE FROM EARTHWORK

SITE. COVER PER DETAIL 6/EC6.0

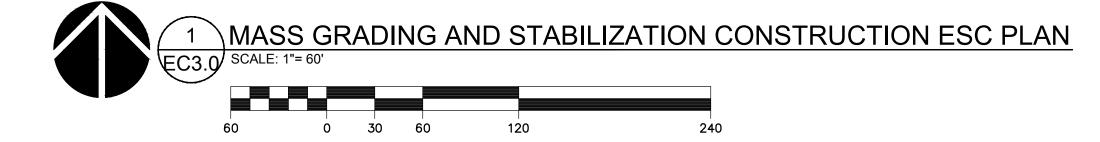
CUTTING TO BE REMOVED FROM THE

- DEWATERING TECHNIQUES SHALL INCLUDE A PUMP AND HOSE TO CONVEY THE DEWATERING FLOW TO APPROVED LOCATIONS. THE APPROVED LOCATIONS IS THE STORM FILTRATION BASIN.
- 3. DEWATERING INTO THE STORM DETENTION WATER QUALITY BASIN MAY ONLY PROCEED ONCE THE DETENTION SYSTEM INLET RIP-RAP AND OUTLET APPURTENANCES AND RIP-RAP OUTFALL ARE INSTALLED AND PERMANENT SOIL STABILIZATION IS IN PLACE.
- TRENCH AND FOUNDATION EXCAVATIONS SHALL BE PROTECTED DURING WET WEATHER FROM
- 5. DEWATERING OPERATIONS LEFT OVERNIGHT SHALL BE INSPECTED IMMEDIATELY IN THE MORNING. IF DEWATERING OPERATIONS ARE LEFT IN OPERATION OVER WEEKENDS, HOLIDAYS OR MORE THAN 24 HOURS, THE CONTRACTOR SHALL PROVIDE FOR DAILY INSPECTIONS AND PROVIDE FOR INSPECTION WITHIN 2 HOURS AFTER RAIN EVENTS PRODUCING MORE THAN 0.5-INCHES IN A 24-HOUR PERIOD.

POST-DEVELOPED STORM WATER RUN-OFF OF THE PROPOSED DEVELOPMENT AREA IS COLLECTED VIA CATCH BASINS, ROOF DOWNSPOUTS AND SHEET FLOW. IT IS DIRECTED TO ONE OF THREE STORM WATER DETENTION BASIN AND RELEASED TO THE PUBLIC STORM

CONTROL BMP IMPLEMENTATION

- 1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCÈS, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- 2. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE
- 3. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS AND IMMEDIATELY AFTER GRADING IS COMPLETE.
- 4. THE STORM WATER FACILITY SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.
- INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.



(IN FEET)

1 inch = 60 ft

S WOODLAND AVE

INSTALL SEDIMENT

FENCE PER 5/EC6.0

AREA FOR JOB TRAILERS, EQUIPMENT

BATHROOMS. BASE ROCK SECTION =

AND MATERIAL STAGING AND PORTABLE

SIMILAR TO ROAD PAVEMENT SECTION OF 1 ½" - 0" COMPACTED CRUSHED ROCK 🕏

> LEGEND PROPOSED CONTOUR **EXISTING CONTOUR** SEDIMENT FENCE PER CWS DETAIL 875/EC6.0 LIMITS OF DISTURBANCE EXISTING DRAINAGE FLOW ARROW PROPOSED DRAINAGE FLOW ARROW CATCH BASIN SEDIMENT FILTER BAG PER CWS DETAIL 920/EC6.0 CONCRETE WASHOUT, PER CWS DETAIL 900/EC6.0 WHEEL WASH PER CWS DETAIL 870/EC6.0 CONSTRUCTION ENTRANCE PER CWS DETAIL 855/EC6.0 SOIL STOCKPILE AREA, PER CWS DETAIL 810/EC6.0 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE.

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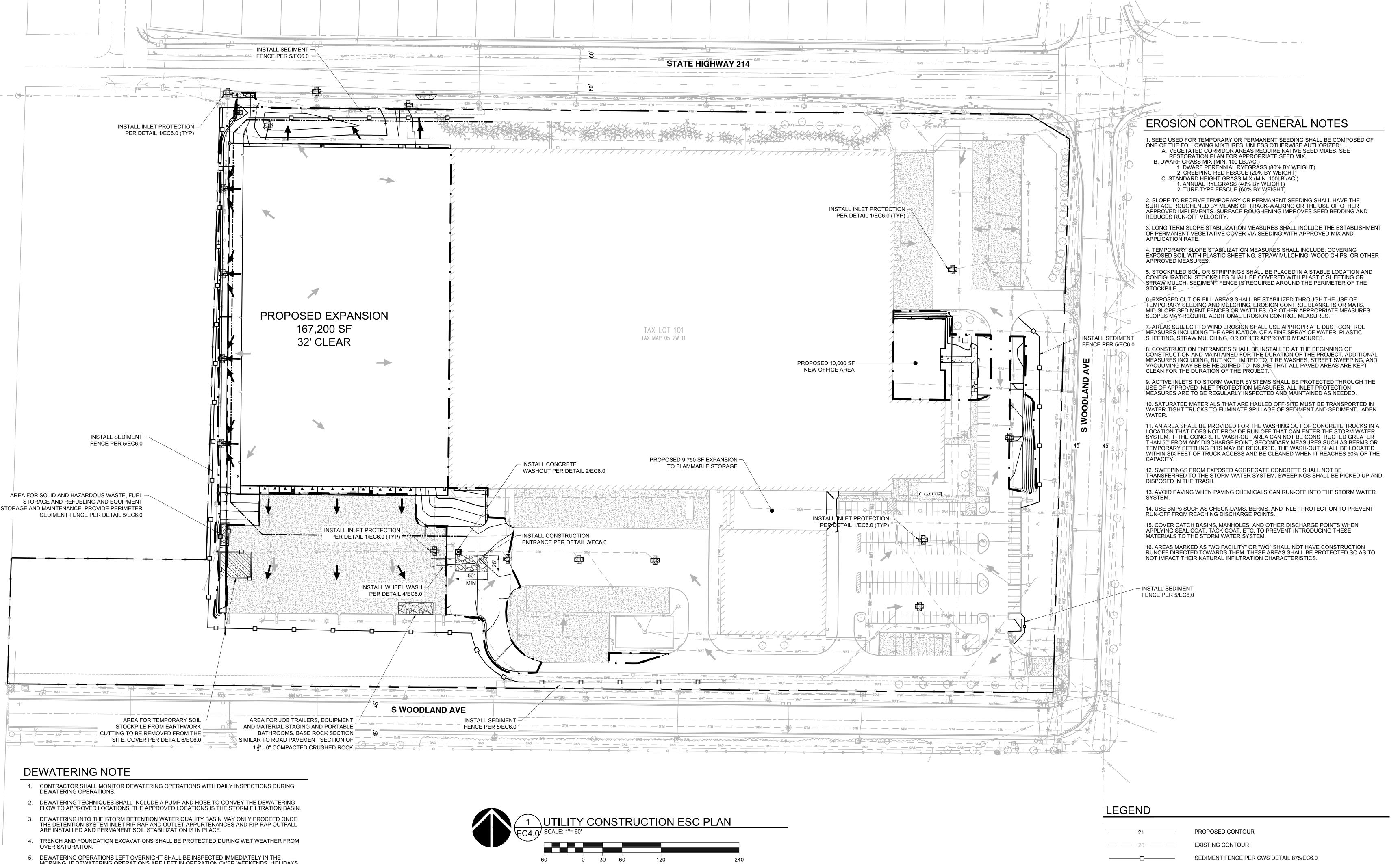
MASS GRADING **STABILIZATION** CONSTRUCTION **ESC PLAN**

DRAWN BY: AOC, SAO CHECKED BY:

SHEET

7100\DRAWINGS\CIVIL\471-EC3.0.DWG NKB 08/04/22 15:54 1:60

PERMIT SET 8/4/2022

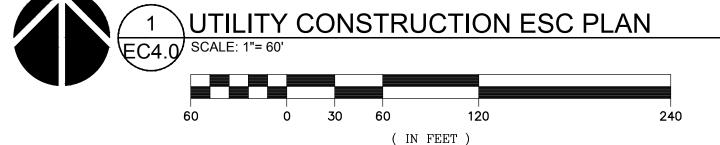


5. DEWATERING OPERATIONS LEFT OVERNIGHT SHALL BE INSPECTED IMMEDIATELY IN THE MORNING. IF DEWATERING OPERATIONS ARE LEFT IN OPERATION OVER WEEKENDS, HOLIDAYS OR MORE THAN 24 HOURS, THE CONTRACTOR SHALL PROVIDE FOR DAILY INSPECTIONS AND PROVIDE FOR INSPECTION WITHIN 2 HOURS AFTER RAIN EVENTS PRODUCING MORE THAN 0.5-INCHES IN A 24-HOUR PERIOD.

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- 3. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS AND IMMEDIATELY AFTER GRADING IS COMPLETE.
- 4. THE STORM WATER FACILITY SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.
- 5. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.



1 inch = 60 ft.

LIMITS OF DISTURBANCE EXISTING DRAINAGE FLOW ARROW PROPOSED DRAINAGE FLOW ARROW CATCH BASIN SEDIMENT FILTER BAG PER CWS DETAIL 920/EC6.0 CONCRETE WASHOUT, PER CWS DETAIL 900/EC6.0 WHEEL WASH PER CWS DETAIL 870/EC6.0 CONSTRUCTION ENTRANCE PER CWS DETAIL 855/EC6.0 SOIL STOCKPILE AREA, PER CWS DETAIL 810/EC6.0 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE.

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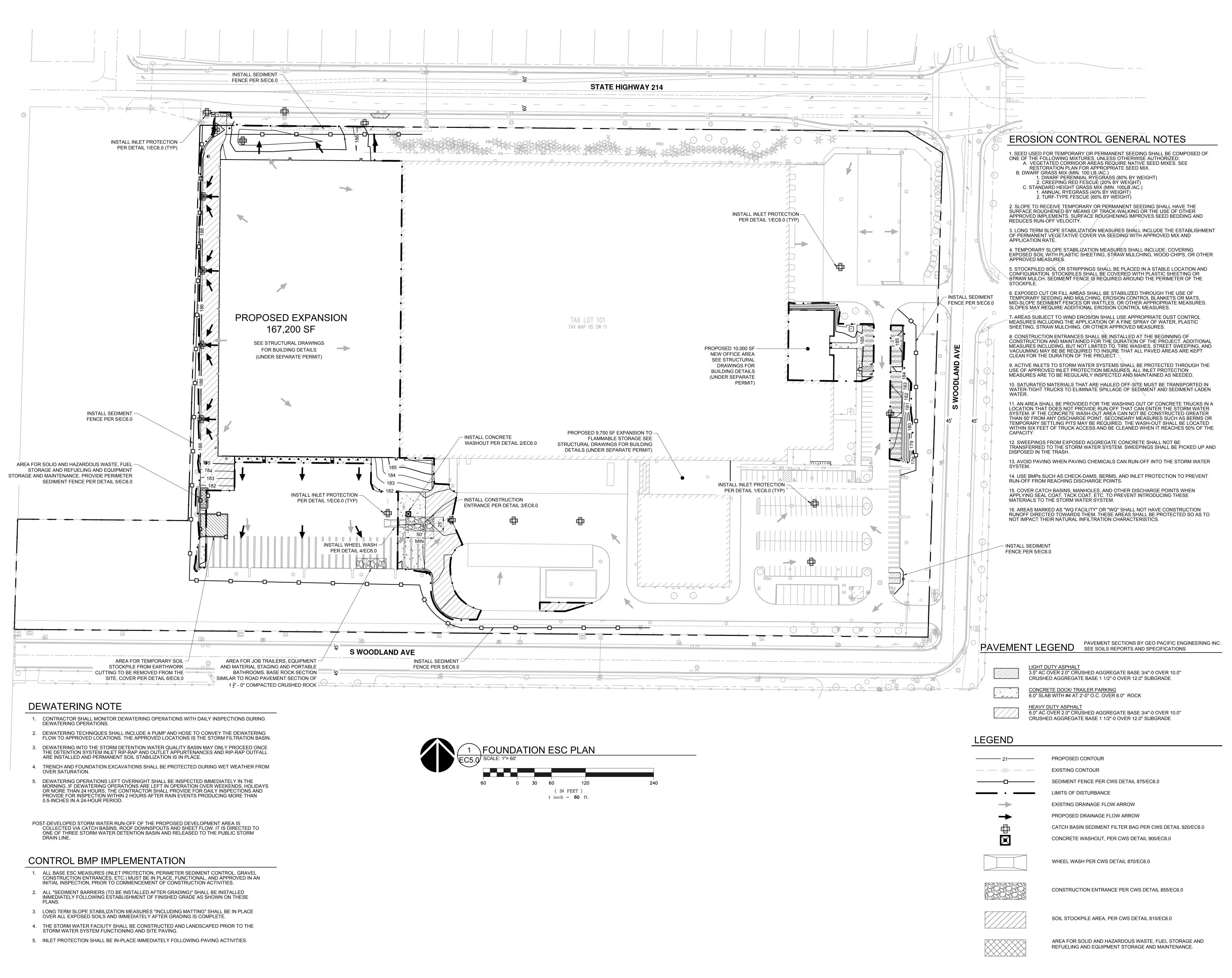
REVISION SCHEDULE

SHEET TITLE: UTILITY CONSTRUCTION **ESC PLAN**

DRAWN BY: AOC, SAO CHECKED BY:

SHEET

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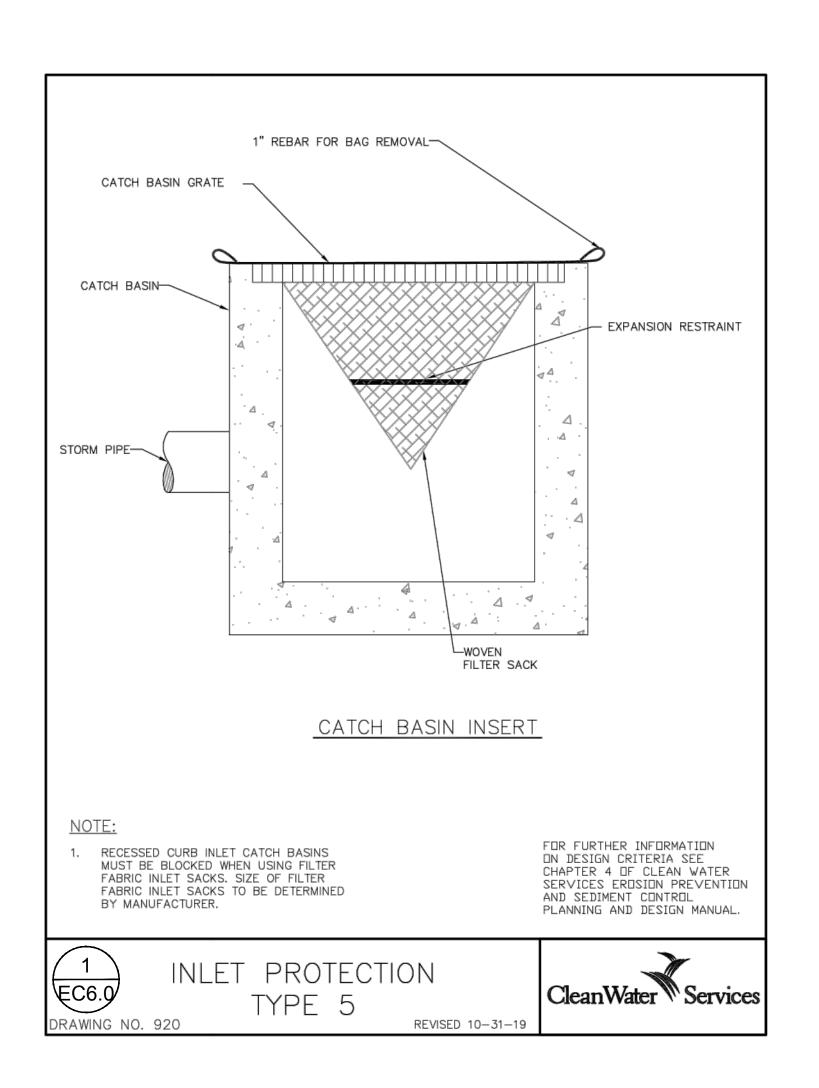
FOUNDATION ESC PLAN

DRAWN BY: AOC, SAO

CHECKED BY: NKB

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EC5.0



INTERLOCKED 2"x 2"

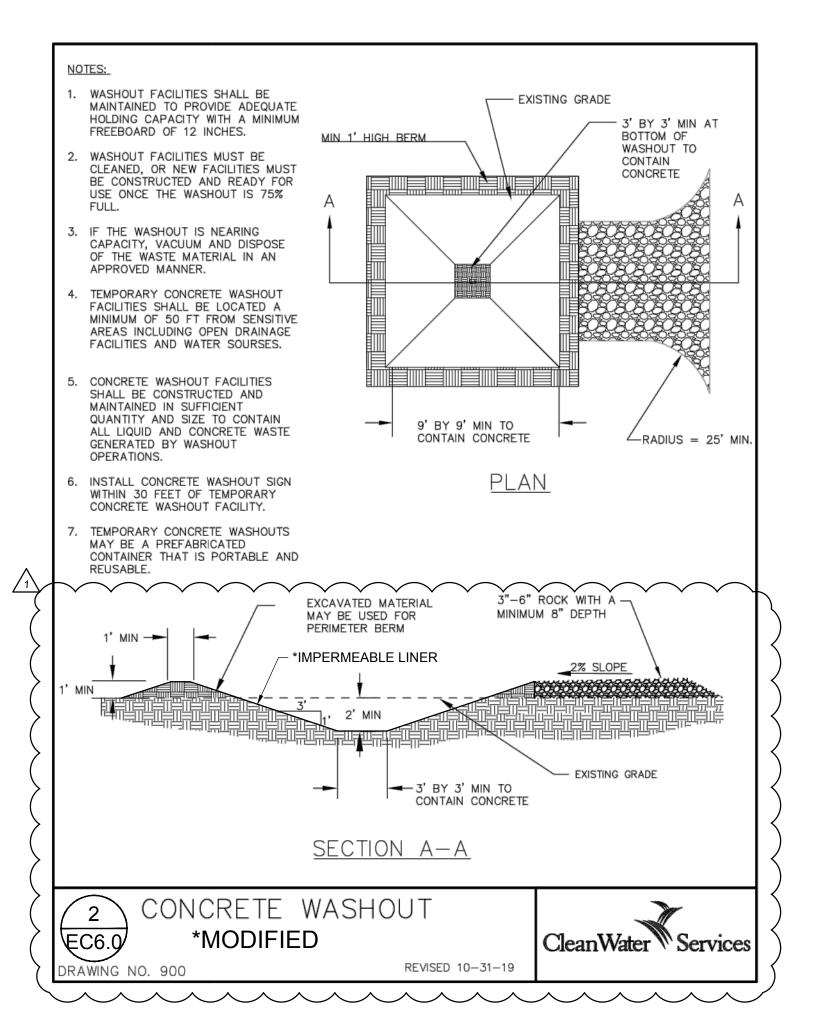
FROM TOE SLOPE.

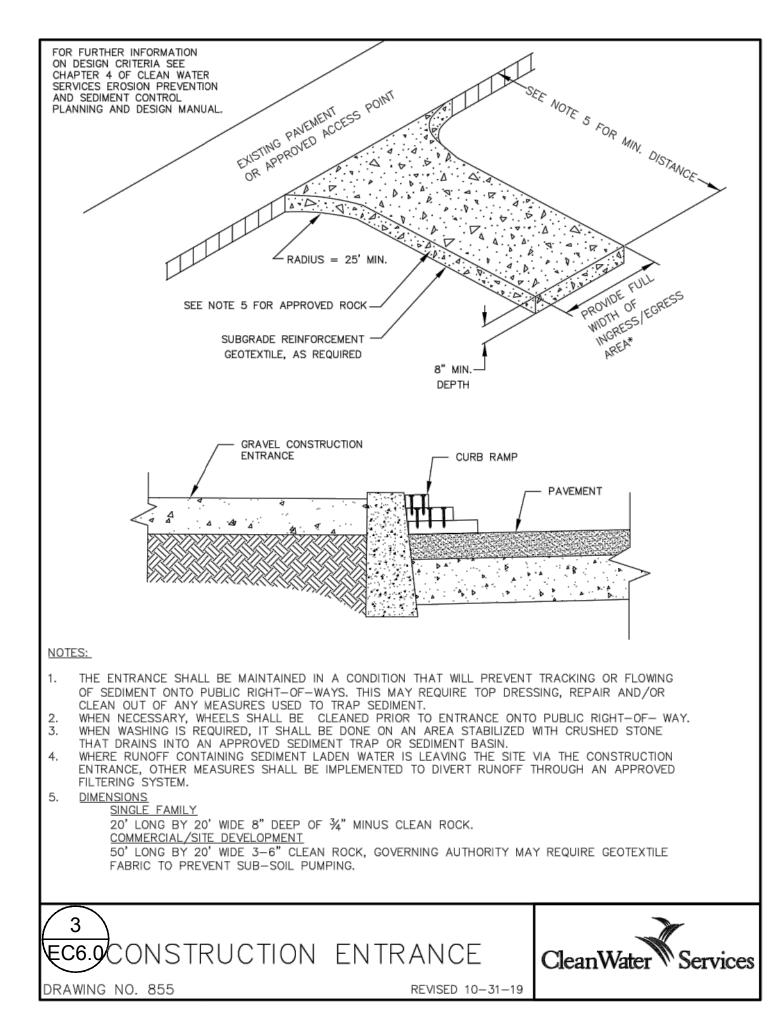
MATERIAL 36" -WIDE ROLLS.

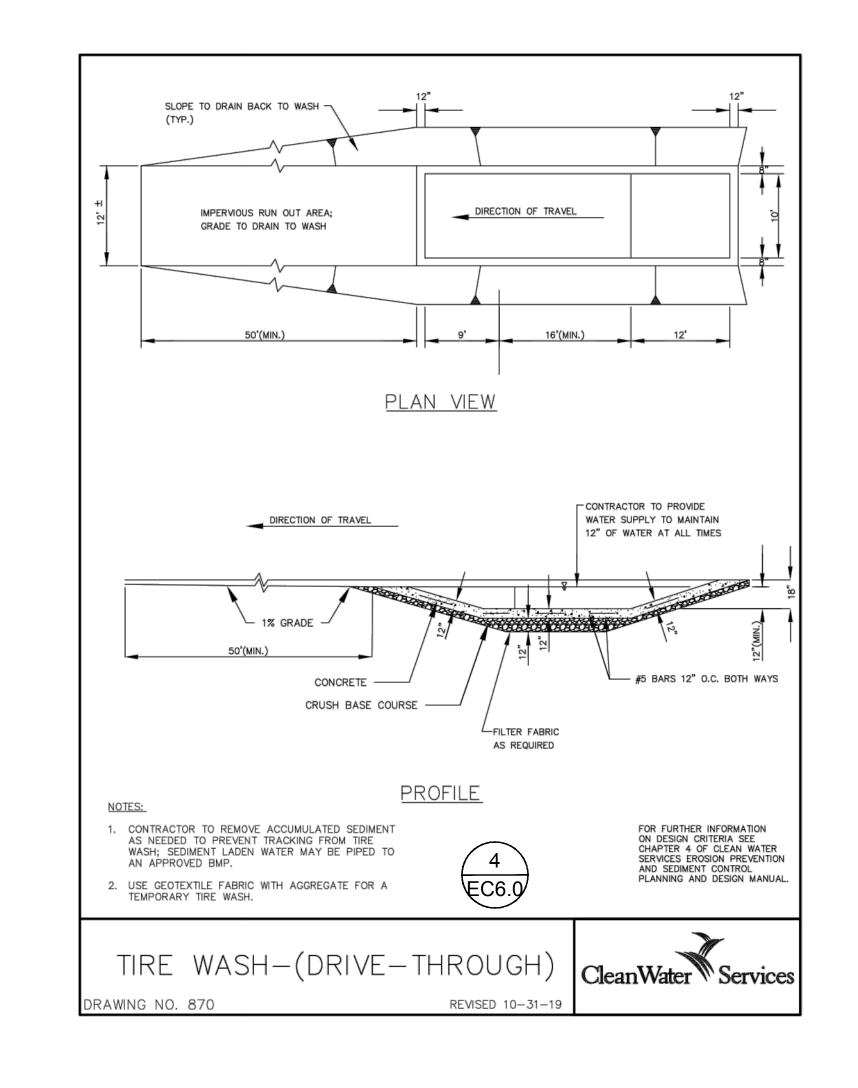
2'-6"

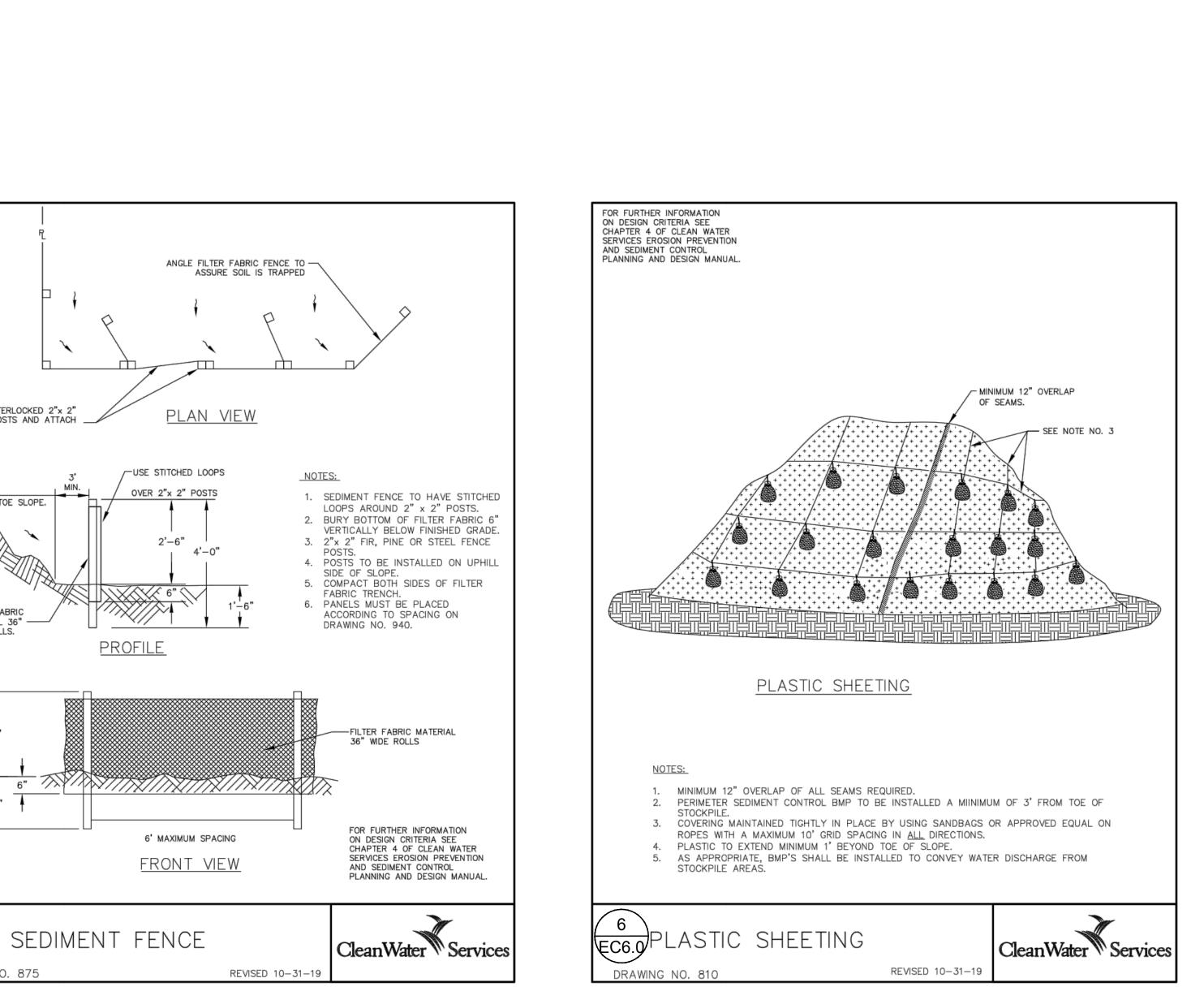
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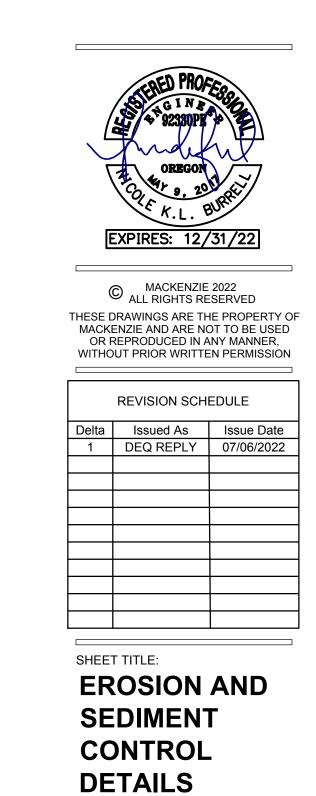
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DESIGN DRIVEN I CLIENT FOCUSED

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EC6.0

- LEAD/TERMINAL AND - DIAMETER OF TREE AT 4.5' CORNER/CHANGE OF ABOVE GRADE IS 12 INCHES DIRECTION POSTS - ENCROACHMENTS SHALL BE - LINE POST NO CLOSER THAN ONE HALF OF THE REQUIRED ROOT FENCE FABRIC PROTECTION ZONE RADIUS AND POSTS, SEE SPECIFICATIONS - ROOT PROTECTION ZONE IS A 12 FOOT RADIUS CIRCLE (24' DIAMETER)

SCALE: NTS

ENCROACHMENTS SHALL —

PROTECTION ZONE

ROOT PROTECTION ZONE

OCCUPY NO MORE THAN 25% OF

THE TOTAL AREA IN THE ROOT

TREE PROTECTION MEASURES

UNLESS OTHERWISE INDICATED FOR REMOVAL ALL TREES SHALL RECEIVE PROTECTIVE MEASURES FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE CITY

6' HIGH MINIMUM CHAIN-LINK FENCING, SHALL BE ERECTED AND MAINTAINED. FENCING SHALL BE INSTALLED AS INDICATED ON THIS PLAN. IN AREAS WHERE ROOT ZONE ENCROACHMENT IS UNAVOIDABLE ADJUSTMENTS OF FENCING LOCATION SHALL BE COORDINATED WITH A CERTIFIED ARBORIST PRIOR TO START OF WORK.

NO ACTIVITY MAY BE CONDUCTED WITHIN ANY DESIGNATED TREE PROTECTION AREA INCLUDING BUT NOT LIMITED TO PARKING EQUIPMENT, PLACING SOLVENTS, STORING MATERIALS AND SOIL DEPOSITS, DUMPING CONCRETE WASHOUT, OR OTHER DEBRIS, OR ANY

EXCAVATION OR COMPACTION WORK. DURING CONSTRUCTION NO OBJECTS SHALL BE ATTACHED TO ANY TREE DESIGNATED TO BE

RETAINED AND PROTECTED. FENCE SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF CONSTRUCTION ACTIVITIES.

MOVEMENT OR REMOVAL OF THE FENCE REQUIRES APPROVAL BY THE ARBORIST AND/OR THE CITY'S AUTHORIZED REPRESENTATIVE.

EXCAVATION / TRENCHING AROUND TREES PROPOSED TRENCHING AND EXCAVATION AROUND TREES SHALL BE COORDINATED WITH

WHERE TRENCHING IS REQUIRED WITHIN CRITICAL ROOT ZONE, TUNNEL UNDER OR AROUND ROOTS BY HAND DIGGING OR BORING. DO NOT CUT MAIN LATERAL ROOTS OR TAP ROOTS. CLEANLY CUT/SEVER SMALLER ROOTS. RELOCATE ROOTS IN BACKFILL AREAS WHEREVER

SCALE: NTS

DO NOT ALLOW EXPOSED ROOTS TO DRY OUT BEFORE PERMANENT BACKFILL IS PLACED, PROVIDE TEMPORARY EARTH COVER, OR PACK WITH PEAT MOSS AND WRAP WITH BURLAP. WATER AND MAINTAIN IN MOIST CONDITION UNTIL RELOCATED AND COVERED WITH BACKFILL.

TREE PROTECTION

OR HWY 219

CONSULTING ARBORIST.

POSSIBLE.

-ROOT PROTECTION ZONE RADIUS OF 1 FT PER INCH OF DBH - MINIMUM CONSTRUCTION SETBACK RADIUS OF .5 FT PER INCH OF DBH — TREE PROTECTION FENCE EXISTING DECIDUOUS TREE TO REMOVE, TYP EXISTING DECIDUOUS — TREE TO REMAIN, TYP **BUILDING BUILDING** TREE PROTECTION FENCE MAY BE SHIFTED . TO ALLOW FOR BUILDING CONSTRUCTION **EXPANSION EXISTING** FOLLOWING APPROVAL OF PROJECT ARBORIST. FOR CONSTRUCTION ACCESS TO WITHIN ROOT PROTECTION ZONE, PLACE STEEL PLATE OR OTHER APPROVED SOIL COMPACTION PREVENTION. **BUILDING EXPANSION BUILDING EXPANSION BUILDING EXISTING DETENTION POND** STORMWATER FACILITY **WOODLAND AVE**

TREE PROTECTION NOTES

- PROTECTION FENCING: ESTABLISH TREE PROTECTION FENCING IN THE LOCATIONS SHOWN. THE INTENT OF THE TREE PROTECTION FENCING IS TO PROTECT THE MINIMUM ROOT PROTECTION ZONES DETAILED IN FIGURE 1. NOTE THAT THE TREE PROTECTION FENCING MAY BE MOVED TO ALLOW CONSTRUCTION ACCESS TO THE SIDE OF THE PROPOSED BUILDING FOLLOWING APPROVAL BY THE PROJECT ARBORIST.
- DIRECTIONAL FELLING FELL THE TREES TO BE REMOVED AWAY FROM THE TREES TO BE RETAINED SO THEY DO NOT CONTACT OR OTHERWISE DAMAGE THE TRUNKS OR BRANCHES OF THE RETAINED TREES. NO VEHICLES OR HEAVY EQUIPMENT SHOULD BE PERMITTED WITHIN THE TREE PROTECTION ZONES DURING TREE REMOVAL OPERATIONS.
- 3. STUMP REMOVAL THE STUMPS OF THE TREES TO BE REMOVED FROM WITHIN THE TREE PROTECTION ZONES SHALL BE RETAINED OR CAREFULLY STUMP GROUND SO AS NOT TO DISTURB THE ROOT SYSTEMS OF THE RETAINED TREES.
- 4. PROTECT CROWNS OF TREES: THE CROWNS OF THE TREES MAY EXTEND BEYOND THE TREE PROTECTION FENCING. CARE WILL NEED TO BE TAKEN TO NOT CONTACT OR OTHERWISE DAMAGE THE CROWNS OF THE TREES DURING CONSTRUCTION ACTIVITIES. ANY REQUIRED PRUNING SHALL BE COMPLETED BY AN ISA CERTIFIED ARBORIST CONSISTENT WITH ANSI A300 PRUNING STANDARDS AS DIRECTED BY THE PROJECT ARBORIST.
- SEDIMENT FENCING: SEDIMENT FENCING SHALL BE INSTALLED OUTSIDE THE PROTECTION ZONES OF THE TREES TO BE RETAINED TO MINIMIZE ROOT DISTURBANCES. IF EROSION CONTROL IS REQUIRED INSIDE THE ROOT ZONES, STRAW WATTLES SHALL BE USED ON THE SOIL SURFACE.
- 6. CONSTRUCTION ACCESS: WHEN ACCESSING THE SIDES OF THE BUILDING IN THE MODIFIED TREE PROTECTION ZONE, SOIL COMPACTION PREVENTION SUCH AS THE PLACEMENT OF STEEL PLATES IS REQUIRED TO PROTECT THE ROOT ZONES OF THE ADJACENT TREES.

TREE INVENTORY

1	DECIDUOUS	REMAIN	20"
2	DECIDUOUS	REMAIN	23"
3	DECIDUOUS	REMOVE	<i>26</i> "
4	DECIDUOUS	REMOVE	
5	DECIDUOUS	REMOVE	
6	DECIDUOUS	REMOVE	

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TREE PLAN

DRAWN BY: AB

L0.02