# SKSD LANCASTER PROFESSIONAL CENTER

## 2018 BOND: CONSTRUCTION, RENOVATION, REPAIR

## 2021 RENOVATION AND REPAIR PROJECTS

### SYMBOLS / LEGEND

NEW STEEL STUD WALL

NEW WOOD STUD WALL

NEW CMU WALL

NEW CONCRETE WALL

ITEM TO BE REMOVED

1 KEY NOTE SYMBOL

A WINDOW MARK

100A NEW DOOR & DOOR MARK

EXISTING DOOR TO REMAIN

EXISTING DOOR TO BE REMOVED

NAME # ROOM FINISH SYMBOL

NAME # ROOM NAME SYMBOL

FE FIRE EXTINGUISHER

DETAIL NUMBER

DETAIL CUT BUBBLE

SHEET NO. WHERE DRAWN

VIEW OF ELEVATION

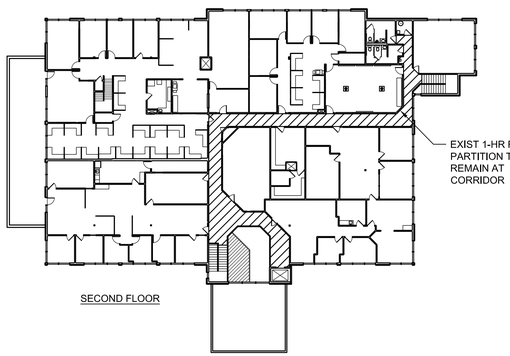
INTERIOR ELEVATION SHEET NO. WHERE DRAWN

VIEW OF SECTION

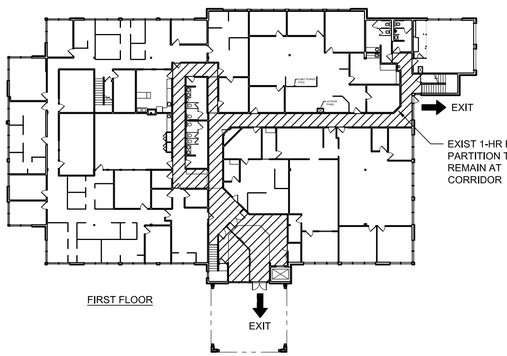
SECTION CUT SYMBOL

SHEET NO. WHERE DRAWN

1 REVISION TAG & REVISION CLOUD




SECOND FLOOR




FIRST FLOOR

### LIFE SAFETY PLAN

NTS

### MATERIAL REFERENCE

EARTH

GRANULAR FILL

BRICK

CONCRETE

PLASTER, GROUT

ASPHALT

LOOSE, BATT INSUL

RIGID INSULATION

GLASS

METAL

PLYWOOD

CONCRETE MASONRY UNITS

FINISH WOOD

DIMENSION WOOD

ACOUSTICAL TILE

GYPSUM WALLBOARD

CERAMIC TILE

### CODE SUMMARY

GOVERNING BUILDING CODE: OSSC 2019 (IBC 2018)

THIS PROJECT COMPRISES INTERIOR REMODEL TO SELECT AREAS, ENTRY REMODEL FOR IMPROVED SECURITY, EXTERIOR SEAL IMPROVEMENTS, INTERIOR FINISH UPGRADES, SITE REPAIRS, LOW VOLTAGE IMPROVEMENTS, AND HVAC SYSTEM REPLACEMENT.

| ZONING CODE | |
|---|---|
| PLANNING ZONE | CO - COMMERCIAL OFFICE |
| LOT COVERAGE | |
| LOT AREA | 81,022 SF |
| MAX BUILDING LOT COVERAGE ALLOWED | 60% |
| BUILDING AREA FOOTPRINT | 18,810 SF = 23%<60% |
| PARKING | |
| MINIMUM REQUIRED: | 100 |
| MAXIMUM ALLOWED: | 175 |
| TOTAL PROVIDED: | 110 |
| ACCESSIBLE REQUIRED: | 5 |
| ACCESSIBLE PROVIDED: | 5 |
| BICYCLE REQUIRED: | 10 |
| BICYCLE PROVIDED: | 9 (EXISTING TO REMAIN) |
| LANDSCAPING | |
| LANDSCAPING REQUIRED: | 12,160 SF (15%) |
| LANDSCAPING PROVIDED: | 16,891 SF |
| PLANTING REQUIRED: | 1 PU PER 20 SF = 844 PU |
| EXISTING PLANTING: | 514 PU |
| TOTAL NEW PLANTING PROVIDED: | 564 PU |

| BUILDING CODE | |
|---|---|
| OCCUPANCY GROUP | B |
| CONSTRUCTION TYPE | V-B |
| REMODEL | NON FIRE-SPRINKLERED |
| ALLOWABLE BUILDING AREA | |
| (B OCC) BASIC ALLOWABLE | = 9,000 SF |
| FRONTAGE INCREASE ( I) | = # SF |
| (B OCC) FIRST FLOOR ACTUAL AREA | = 18,600 SF |
| (B OCC) SECOND FLOOR ACTUAL AREA | = 16,557 SF |
| EXISTING NON-CONFORMING | |
| OCCUPANT LOAD | |
| FIRST FLOOR | |
| BUSINESS: 11394 SF/150 SF PER OCC | = 76 |
| UNCONCENTRATED:1172 SF/15 SF PER OCC | = 78 |
| CONCENTRATED:151 SF/7 SF PER OCC | = 22 |
| STORAGE:1000 SF/300 SF PER OCC | = 3 |
| SECOND FLOOR | |
| BUSINESS: 11214 SF/150 SF PER OCC | = 75 |
| UNCONCENTRATED:2206 SF/15 SF PER OCC | = 147 |
| STORAGE:480 SF/300 SF PER OCC | = 2 |
| TOTAL BUILDING OCCUPANT LOAD: | = 403 |
| MEANS OF EGRESS | |
| EXITS REQUIRED: | 2 |
| EXITS PROVIDED: | 2 |
| EXIT WIDTH REQUIRED: 0.2FACTORxTOTAL OC | = 80.6 IN |
| EXIT WIDTH PROVIDED: # EXITSxWIDTH | = 108 IN |
| PLUMBING FIXTURES | |
| OCCUPANCY GROUP B: | |
| WATER CLOSETS REQUIRED: | 10 |
| WATER CLOSETS PROVIDED: | 13 |
| LAVATORIES REQUIRED: | 7 |
| LAVATORIES PROVIDED: | 8 |

### PROJECT DIRECTORY

OWNER:
SALEM-KEIZER PUBLIC SCHOOLS
3530 STATE STREET
SALEM, OREGON 97301
CONTACT: JOEL SMALLWOOD
MANAGER CONSTRUCTION SERVICES
PHONE: (503) 391-1133

ARCHITECT:
CARLSON VEIT JUNGE ARCHITECTS PC
3095 RIVER ROAD N
SALEM, OREGON 97303
PHONE: (503) 390-0281
FAX: (503) 390-2459

STRUCTURAL ENGINEER:
MSC ENGINEERS, INC.
3470 PIPEBEND PLACE NE SUITE 120
SALEM, OREGON 97301
PHONE: (503) 399-1399
FAX: (503) 399-8259

MECHANICAL ENGINEER:
MFIA INC. CONSULTING ENGINEERS
2007 SE ASH STREET
PORTLAND, OREGON 97214
PHONE: (503) 234-0548
FAX: (503) 234-0677

ELECTRICAL ENGINEER:
MLC ENGINEERING, LLC
1515 SW FIFTH AVENUE #1028
PORTLAND, OREGON 97201
PHONE: (503) 220-0168

CIVIL ENGINEER:
WESTECH ENGINEERING, INC.
3841 FAIRVIEW INDUSTRIAL DRIVE SE, SUITE 100
SALEM, OREGON 97302
PHONE: (503) 585-3986
FAX: (503) 585-3986

### INDEX OF DRAWINGS



### ABBREVIATIONS

(REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL ABBREVIATIONS)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AB | ANCHOR BOLT | DF | DRINKING FOUNTAIN | GA | GAGE | MATL | MATERIAL | PAF | POWDER ACTUATED FASTENER | S | SOUTH |
| ACST | ACOUSTIC | DIA | DIAMETER | GALV | GALVANIZED | MAX | MAXIMUM | | | SC | SOLID CORE |
| ADJ | ADJUSTABLE, ADJUST | DIM | DIMENSION | GB | GRAB BAR | MB | MACHINE BOLT | PBD | PARTICLE BOARD | SCR | SCREW |
| AFF | ABOVE FINISHED FLOOR | DIV | DIVIDE, DIVIDED, DIVISION | GL | GLASS | MECH | MECHANICAL | PL | PROPERTY LINE, PLATE | SD | SOAP DISPENSER, SMOKE DETECTOR, STORM DRAIN |
| ALUM | ALUMINUM | DR | DOOR | GLB | GLU-LAM BEAM | MFR | MANUFACTURER | PLAM | PLASTIC LAMINATE | | |
| ANOD | ANODIZED | DS | DOWNSPOUT | GYP BD | GYPSUM BOARD | MH | MANHOLE | PLBG | PLUMBING | | |
| APPROX | APPROXIMATELY | DTL | DETAIL | | | MI | MIRROR | PLYWD | PLYWOOD | SF | SQUARE FOOT |
| ASPH | ASPHALT | DWG | DRAWING | HB | HOSE BIBB | MIN | MINIMUM | PNL | PANEL | SHTHG | SHEATHING |
| | | | | HCP | HANDICAP, HOLLOW CORE | MISC | MISCELLANEOUS | PR | PAIR | SHT | SHEET |
| BD | BOARD | E | EAST | HDR | HEADER | MO | MASONRY OPENING | PRKG | PARKING | SIM | SIMILAR |
| BLDG | BUILDING | EA | EACH | HDW | HARDWARE | MT | MOUNT | PTD | PAPER TOWEL DISPENSER | SPEC | SPECIFICATION, SPECIFIED |
| BLKG | BLOCKING | EF | EXHAUST FAN | HC | HOLLOW CORE | MTL | METAL | PTN | PARTITION | SPKR | SPEAKER |
| BM | BENCH MARK, BEAM | EJ | EXPANSION JOINT | HORIZ | HORIZONTAL | | | PT | POINT | SQ | SQUARE |
| BOT | BOTTOM | EL | ELEVATION | HS | HOLLOW STEEL, HIGH STRENGTH | N | NORTH | PVC | POLYVINYL CHLORIDE | SSK | SERVICE SINK |
| BUR | BUILT-UP ROOFING | ELEC | ELECTRIC, ELECTRICAL | | | NIC | NOT IN CONTRACT | PVMT | PAVEMENT | SST | STAINLESS STEEL |
| | | ELEV | ELEVATOR | HT | HEIGHT | NL | NIGHT LIGHT | | | STD | STANDARD |
| CAB | CABINET | ENCL | ENCLOSURE | HVAC | HEATING VENTILATING AIR CONDITIONING | NO | NUMBER | QUAL | QUALITY | STL | STEEL |
| CB | CATCH BASIN, CORNER BEAD | EQ | EQUAL | | | NTS | NOT TO SCALE | | | STOR | STORAGE |
| CG | CORNER GUARD | EQUIP | EQUIPMENT | HW | HOT WATER | | | R | RADIUS, RISER | STRUC | STRUCTURE, STRUCTURAL |
| CHBD | CHALKBOARD | EW | EACH WAY | | | OA | OVERALL OUTSIDE AIR | RC | RESILIENT CHANNEL | SUSP | SUSPENDED |
| CI | CAST IRON | EXIST | EXISTING | INSUL | INSULATE, INSULATED, INSULATION | OBS | OBSCURE | RD | ROOF DRAIN | | |
| CJ | CONTROL JOINT | EXP B | EXPANSION BOLT | | | OC | ON CENTER | RECEP | RECEPTACLE | T | TEMPERED, TREAD |
| CLG | CEILING | EXT | EXTERIOR | INT | INTERIOR | OCEW | ON CENTER EACH WAY | REF | REFERENCE, REFRIGERATOR | TEL | TELEPHONE |
| CLR | CLEAR, CLEARANCE | | | INV | INVERT | OD | OUTSIDE DIAMETER | REINF | REINFORCE, REINFORCEMENT | T&G | TONGUE & GROOVE |
| CMU | CONCRETE MASONRY UNIT | FD | FLOOR DRAIN | | | OFCI | OWNER FURNISHED-CONTRACTOR INSTALLED | | | THK | THICK, THICKNESS, THICKENED |
| COL | COLUMN | FDTN | FOUNDATION | JAN | JANITOR | | | REQD | REQUIRED | TOC | TOP OF CURB |
| CONC | CONCRETE | FE | FIRE EXTINGUISHER | J-BOX | JUNCTION BOX | OH | OVERHEAD | REV | REVISION, REVISED | TPD | TOILET PAPER DISPENSER |
| CONSTR | CONSTRUCTION | FEC | FIRE EXTINGUISHER CABINET | JST | JOIST | OPG | OPENING | RHWS | ROUND HEAD WOOD SCREW | TYP | TYPICAL |
| CONT | CONTINUOUS, CONTINUE | FH | FIRE HYDRANT | JT | JOINT | OFOI | OWNER FURNISHED-OWNER INSTALLED | RM | ROOM | | |
| CONTR | CONTRACTOR | FHWS | FLATHEAD WOOD SCREW | | | | | RO | ROUGH OPENING | ULMT | UNDERLAYMENT |
| CNTR | COUNTER | FIN | FINISH, FINISHED | KD | KNOCKED DOWN | OPP | OPPOSITE | ROW | RIGHT OF WAY | UON | UNLESS OTHERWISE NOTED |
| CRS | COURSE, COURSES | FIN FLR | FINISHED FLOOR | | | | | | | UR | URINAL |
| CSK | COUNTERSINK, COUNTERSUNK | FL | FLOOR | LAM | LAMINATE | | | | | | |
| CW | COLD WATER | FLASH | FLASHING | LAV | LAVATORY | | | | | | |
| | | FTG | FOOTING | LS | LANDSCAPING | | | | | | |
| | | FOS | FACE OF STUD | LT | LIGHT | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VCT | VINYL COMPOSITION TILE | | | | | | | | | | |
| VERT | VERTICAL | | | | | | | | | | |
| VNR | VENEER | | | | | | | | | | |
| VTR | VENT THROUGH ROOF | | | | | | | | | | |
| WAINS | WAINSCOT | | | | | | | | | | |
| W | WEST, WIDE, WIDTH | | | | | | | | | | |
| WC | WATER CLOSET | | | | | | | | | | |
| WD | WOOD | | | | | | | | | | |
| WDW | WINDOW | | | | | | | | | | |
| WH | WATER HEATER | | | | | | | | | | |
| W/O | WITHOUT | | | | | | | | | | |
| WP | WATERPROOFING | | | | | | | | | | |
| WRB | WEATHER RESISTIVE BARRIER | | | | | | | | | | |
| WT | WEIGHT | | | | | | | | | | |
| WWF | WELDED WIRE FABRIC | | | | | | | | | | |

**SYMBOLS USED AS ABBREVIATIONS**

| | |
|---|---|
| < | ANGLE |
| @ | AT |
| ℄ | CENTERLINE |
| ⌓ | CHANNEL |
| d | PENNY |
| ℙ | PLATE, PROPERTY LINE |
| ⌀ | DIAMETER, ROUND |
| ⊥ | PERPENDICULAR |


CARLSON VEIT JUNGE ARCHITECTS PC
ARCHITECTURE • INTERIOR DESIGN
3095 RIVER RD N. SALEM, OREGON 97303
WWW.CARLSONVEIT.COM • 503-390-0281


REGISTERED ARCHITECT
ANGELA M. FLORES
SALEM, OREGON
STATE OF OREGON

PERMIT SET

project:
SKSD LANCASTER PROFESSIONAL CENTER
2018 BOND: CONSTRUCTION, RENOVATION, REPAIR
2021 RENOVATION AND REPAIR PROJECTS
2450 LANCASTER DRIVE NE, SALEM, OREGON 97305

consultants:

revisions:
1 04-22-2021 BID SET
4 09-17-21 SPR REVISIONS

date: 04-01-2021
project: 05420
dwg file: A-101-X-05420
drawn by: KG
checked by: AMF



TITLE SHEET

sheet: G-001
of:

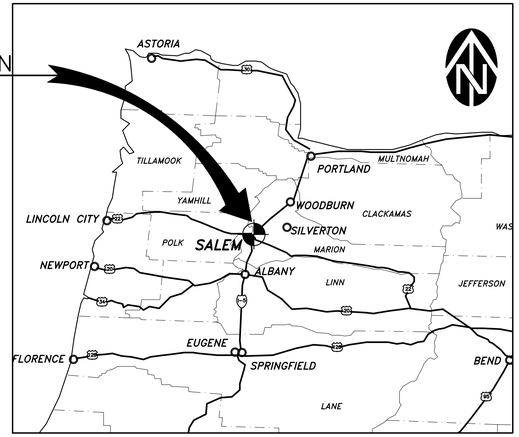
DRAWINGS FOR:

# SKSD LANCASTER PROFESSIONAL CENTER

FOR:

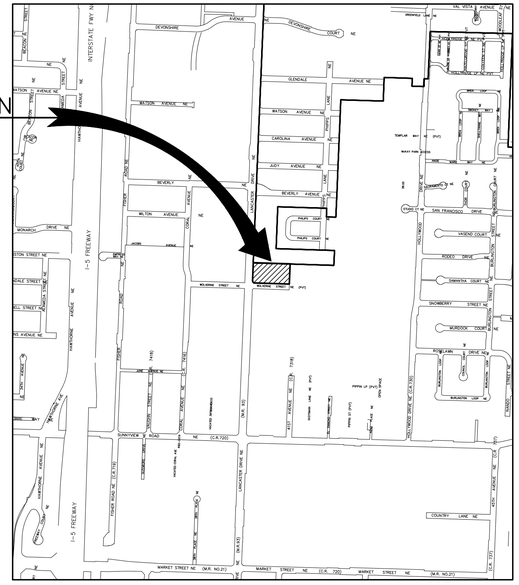
## CARLSON VEIT JUNGE ARCHITECTS PC
## 3095 RIVER RD N,
## SALEM, OREGON 97303

PROJECT LOCATION




VICINITY MAP

PROJECT LOCATION




| SHEET SET | |
|---|---|
| SHT NO | DESCRIPTION |
| C0.0 | COVER SHEET, INDEX, & VICINITY MAP |
| 1 C1.0 | PRE-DEVELOPED EROSION CONTROL PLAN |
| 1 C1.1 | POST-DEVELOPED EROSION CONTROL PLAN |
| C1.2 | EROSION CONTROL NOTES |
| C1.3 | EROSION CONTROL NOTES |
| C1.4 | EROSION CONTROL DETAILS |
| 1 C2.0 | GRADING AND SURFACING PLAN |
| 1 C3.0 | CONSTRUCTION NOTES |
| C4.0 | CONSTRUCTION DETAILS |

NOTES:

1. STORM SYSTEM UTILITIES SHOWN ARE BASED ON UNDERGROUND UTILITY LOCATE MARKINGS PROVIDED PER UTILITY LOCATE TICKET NUMBERS 21040470, 21040473 AND 21040475 AND PRIVATE LOCATES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND LOCATES REPRESENT THE ONLY STORM UTILITIES IN THE AREA. OTHER UTILITY LOCATES WERE NOT INCLUDED AS A PART OF THIS SURVEY. CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
2. FIELD WORK WAS CONDUCTED FEBRUARY 16 AND 24, 2021.
3. VERTICAL DATUM: ELEVATIONS ARE BASED ON NGS BENCHMARK QE0364, LOCATED 25 FEET SOUTH OF THE CENTERLINE OF MCGILCHRIST STREET SE AND 10 FEET WEST OF THE WEST RAIL OF A RAILROAD TRACK, IN A CONCRETE HEADWALL. ELEVATION = 185.16 FEET (NAVD88) THEN ADJUSTED TO NGVD29 WITH A VERTCON SHIFT OF -3.37 FEET, SETTING THE NGVD29 ELEVATION AT 181.79 FEET.
4. HORIZONTAL DATUM: A LOCAL DATUM PLANE DERIVED FROM STATE PLANE OREGON NORTH 3601 NAD83 (2011) EPOCH 2010.0000 BY MULTIPLYING BY A PROJECT MEAN GROUND COMBINED SCALE FACTOR OF 1.0001164613 AT A CENTRAL PROJECT POINT WITH INTERNATIONAL FEET STATE PLANE GRID COORDINATES N:455068.835 E:7534008.170 AND A MERIDIAN CONVERGENCE ANGLE OF -1°49'42". STATE PLANE COORDINATES WERE DERIVED FROM GPS OBSERVATIONS USING THE TRIMBLE VRS NOW NETWORK. DISTANCES SHOWN ARE INTERNATIONAL FEET GROUND VALUES.
4. THIS IS NOT A PROPERTY BOUNDARY SURVEY TO BE RECORDED WITH THE COUNTY SURVEYOR. BOUNDARIES MAY BE PRELIMINARY AND SHOULD BE CONFIRMED WITH THE STAMPING SURVEYOR PRIOR TO RELYING ON FOR DETAILED DESIGN OR CONSTRUCTION.
5. BUILDING FOOTPRINTS ARE MEASURED TO SIDING UNLESS NOTED OTHERWISE. CONTACT SURVEYOR WITH QUESTIONS REGARDING BUILDING TIES.
6. CONTOUR INTERVAL IS 1 FOOT.
7. TREES WITH DIAMETER OF 6" AND GREATER ARE SHOWN. TREE DIAMETERS WERE DETERMINED BY VISUAL INSPECTION. TREE INFORMATION IS SUBJECT TO CHANGE UPON ARBORIST INSPECTION.
8. UNDERGROUND UTILITY LINES FOR THIS STRUCTURE WERE NOT INCLUDED IN THE SCOPE OF THIS SURVEY. UTILITY LINES MAY EXIST IN THIS AREA.
9. THIS AREA IS IDENTIFIED AS A STORM STORAGE BASIN PER CITY OF SALEM GIS.

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


WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com



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WWW.CARLSONVEIT.COM • 503-390-0281


REGISTERED PROFESSIONAL ENGINEER OREGON NOV. 12, 2008 WILLIAM J. WELLS
REVIEW
RENEWS: 6/30/2022

BID SET

project:
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consultants:

revisions:
1 04/22/2021

date: 04-01-2021
project: 05420
dwg file: A-101-X-05420
drawn by: IH
checked by: JW



COVER SHEET

sheet: C0.0
of:


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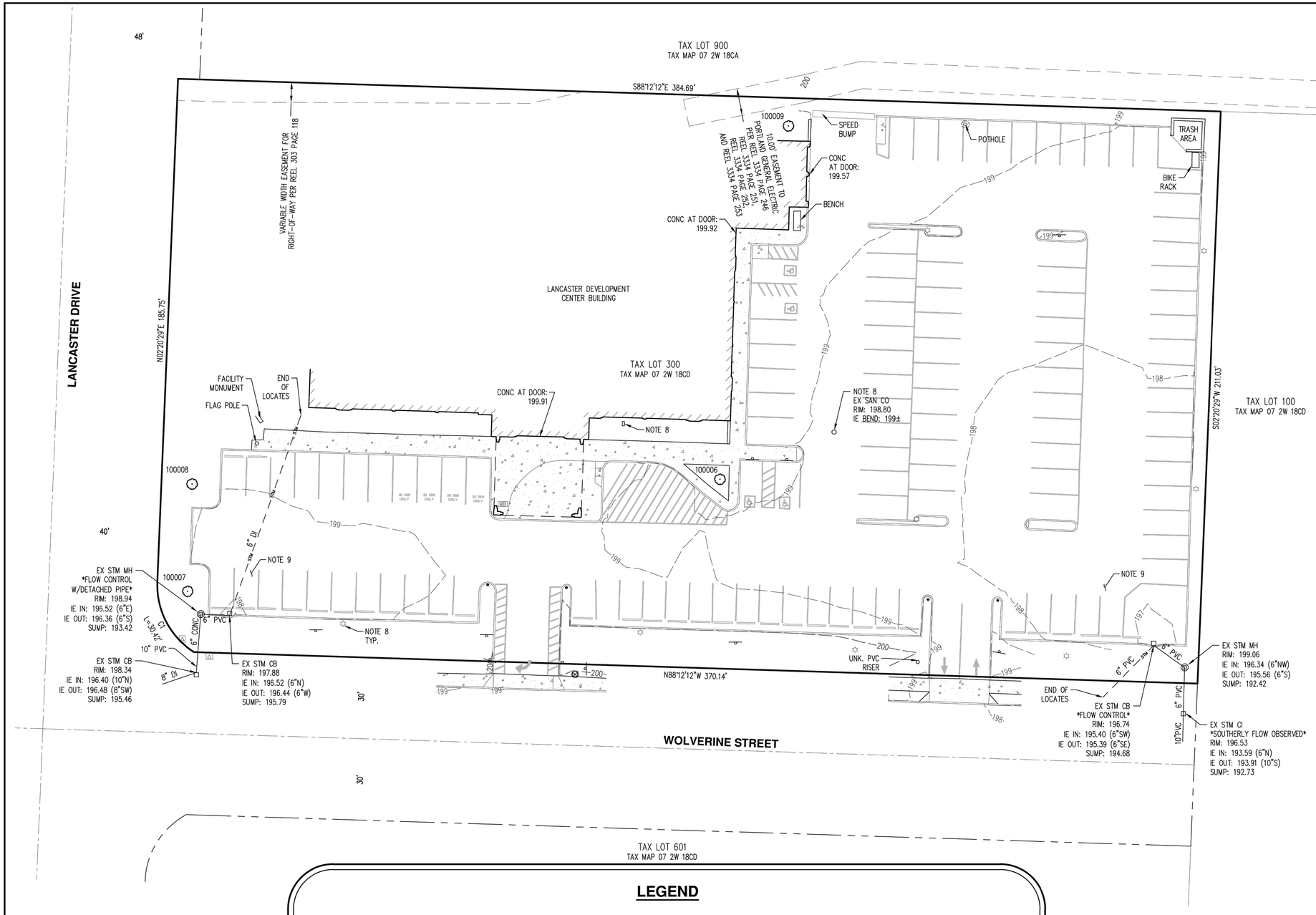


N

SCALE: 1"= 20 FEET

20 0 4 10 20

ORIGINAL PAGE SIZE: 22" x 34"

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| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | RADIUS | DELTA | LENGTH | CHORD |
| C1 | 29.00' | 60°06'05" | 30.42' | S27°42'34"E 29.04' |

| TREE TABLE | | |
|---|---|---|
| TREE NUMBER | TYPE | DBH (IN.) |
| 100006 | DECIDUOUS | 12 12 |
| 100007 | DECIDUOUS | 11 15 |
| 100008 | DECIDUOUS | 6 9 11 |
| 100009 | DECIDUOUS | 10 12 |

## LEGEND

| EXISTING | | EXISTING | | EXISTING | |
|---|---|---|---|---|---|
| DECIDUOUS TREE | | STORM DRAIN CLEAN OUT | | RIGHT-OF-WAY LINE | |
| CONIFEROUS TREE | | STORM DRAIN CATCH BASIN | | BOUNDARY LINE | |
| FIRE HYDRANT | | STORM DRAIN AREA DRAIN | | PROPERTY LINE | |
| WATER METER | | STORM DRAIN MANHOLE | | HISTORIC PROPERTY LINE | |
| WATER VALVE | | STORM DRAIN DOWNSPOUT | | CENTERLINE | |
| WATER IRRIGATION VALVE | | GAS METER | | DITCH | |
| SANITARY SEWER CLEAN OUT | | GAS VALVE | | CURB | |
| SANITARY SEWER MANHOLE | | GUY WIRE ANCHOR | | EDGE OF PAVEMENT | |
| SIGN | | UTILITY POLE | | EASEMENT | |
| STREET LIGHT | | TRAFFIC SIGNAL POLE | | STORM DRAIN LINE | STM |
| MAILBOX | | POWER VAULT | | | |
| | | POWER JUNCTION BOX | | | |

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028
WWW.AKS-ENG.COM

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ENGINEERING - SURVEYING - NATURAL RESOURCES
FORESTRY - PLANNING - LANDSCAPE ARCHITECTURE

# LANCASTER DEVELOPMENT CENTER

OREGON
MARION COUNT TAX MAP 07 2W 18CD

SALEM
TAX LOT 300

## EXISTING CONDITIONS PLAN

DESIGNED BY:
DRAWN BY: JFS
MANAGED BY: JFS
CHECKED BY: NSW
DATE: 3/9/2021

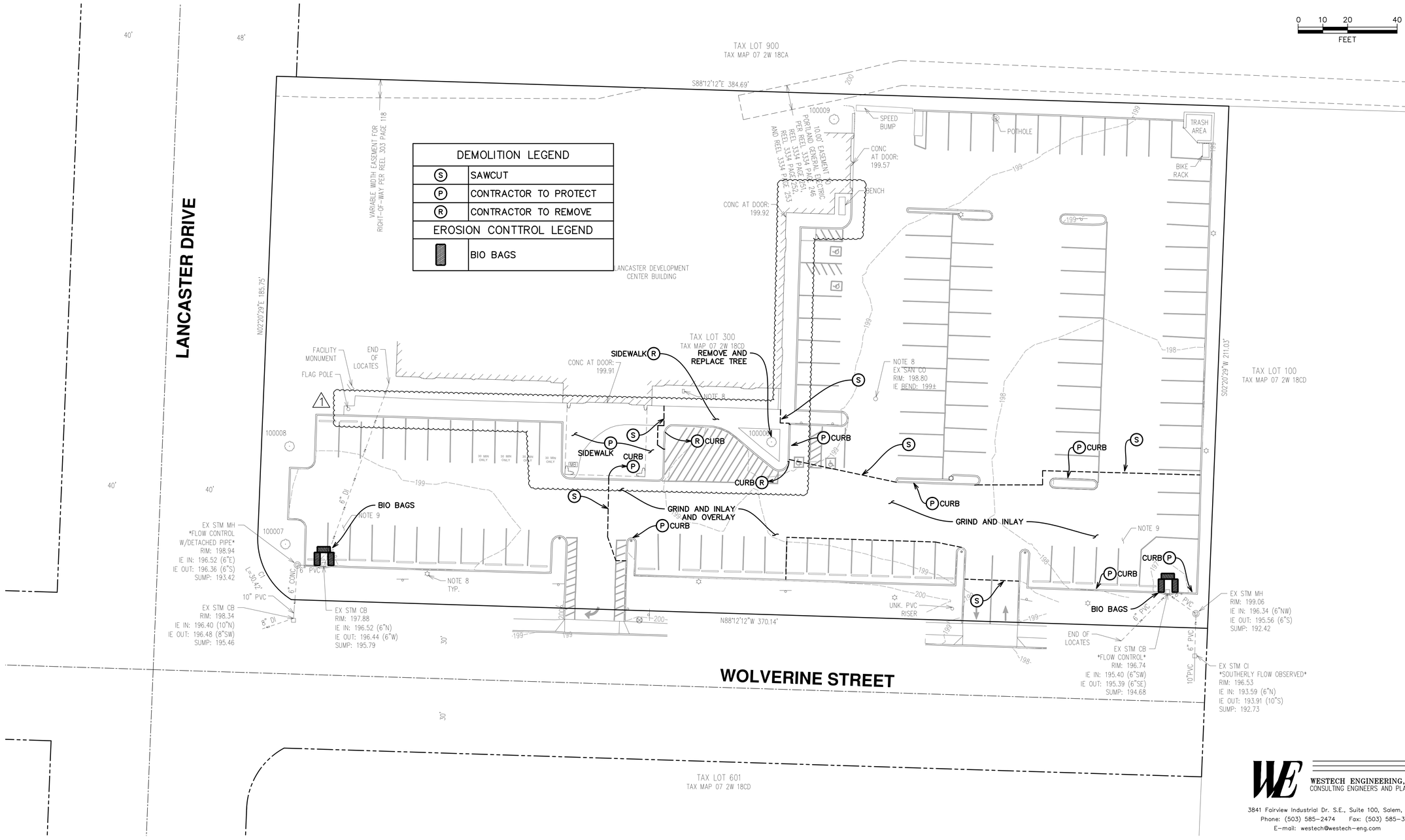
REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JANUARY 9, 2007
NICK WHITE
70652LS
RENEWS: 6/30/22

REVISIONS

JOB NUMBER
6656-33

SHEET
C002

AKS DRAWING FILE: 6656-33EXCOND.DWG | LAYOUT: LAYOUT1

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CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com



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REGISTERED PROFESSIONAL ENGINEER OREGON NOV. 12, 2008 WILLIAM J. WELLS
REVIEW
RENEWS: 6/30/2022

LEARNING FOR A LIFETIME SALEM-KEIZER PUBLIC SCHOOLS

BID SET

project:
SKSD LANCASTER PROFESSIONAL CENTER
2018 BOND: CONSTRUCTION, RENOVATION, REPAIR
2021 RENOVATION AND REPAIR PROJECTS
2450 LANCASTER DRIVE NE, SALEM, OREGON 97305
consultants:

revisions:
1 04/22/2021

date: 04-01-2021
project: 05420
dwg file: A-101-X-05420
drawn by: IH
checked by: JW


PRE-DEVELOPED EROSION CONTROL PLAN

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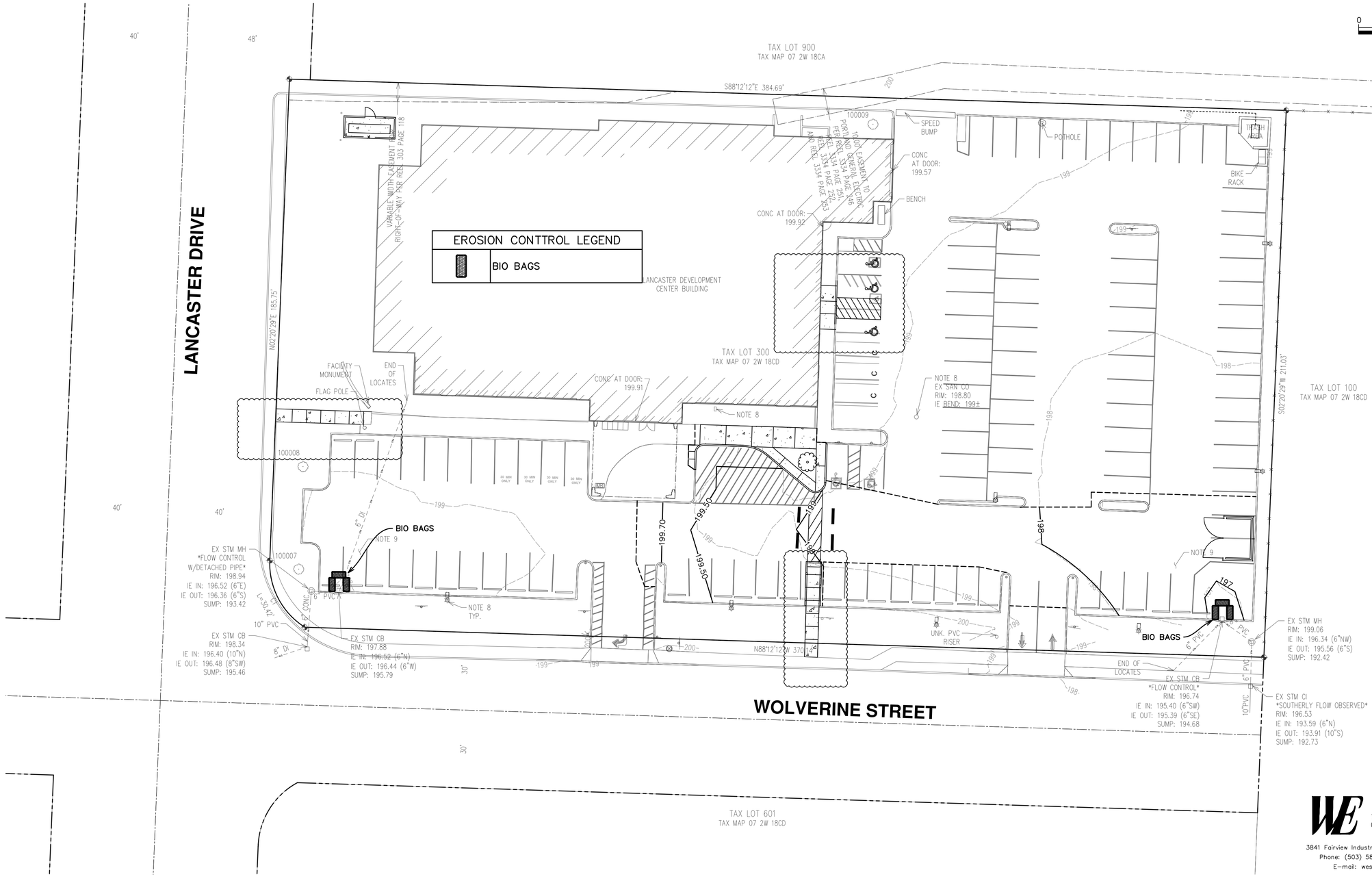



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com



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POST-DEVELOPED EROSION CONTROL PLAN

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DEQ EROSION CONTROL STANDARD NOTES:

1. Hold a pre–construction meeting of project construction personnel that includes the inspector to discuss erosion and sediment control measures and construction limits. (Schedule A.8.c.i.(3))
2. All inspections must be made in accordance with DEQ 1200–C permit requirements. (Schedule A.12.b and Schedule B.1)
3. Inspection logs must be kept in accordance with DEQ's 1200–C permit requirements. (Schedule B.1.c and B.2)
4. 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, the above records must be retained by the permit registrant but do not need to be at the construction site. (Schedule B.2.c)
5. All permit registrants must implement the ESCP. Failure to implement any of the control measures or practices described in the ESCP is a violation of the permit. (Schedule A 8.a)
6. The ESCP must be accurate and reflect site conditions. (Schedule A.12.c.i)
7. Submission of all ESCP revisions is not required. Submittal of the ESCP revisions is only under specific conditions. Submit all necessary revision to DEQ or Agent within 10 days. (Schedule A.12.c.iv. and v)
8. Phase clearing and grading to the maximum extent practical to prevent exposed inactive areas from becoming a source of erosion. (Schedule A.7.a.iii)
9. Identify, mark, and protect (by construction fencing or other means) critical riparian areas and vegetation including important trees and associated rooting zones, and vegetation areas to be preserved. Identify vegetative buffer zones between the site and sensitive areas (e.g., wetlands), and other areas to be preserved, especially in perimeter areas. (Schedule A.8.c.i.(1) and (2))
10. Preserve existing vegetation when practical and re–vegetate open areas. Re–vegetate open areas when practicable before and after grading or construction. Identify the type of vegetative seed mix used. (Schedule A.7.a.v)
11. Maintain and delineate any existing natural buffer within the 50–feet of waters of the state. (Schedule A.7.b.i.and (2(a)(b))
12. Install perimeter sediment control, including storm drain inlet protection as well as all sediment basins, traps, and barriers prior to land disturbance. (Schedule A.8.c.i.(5))
13. Control both peak flow rates and total stormwater volume, to minimize erosion at outlets and downstream channels and streambanks. (Schedule A.7.c)
14. Control sediment as needed along the site perimeter and at all operational internal storm drain inlets at all times during construction, both internally and at the site boundary. (Schedule A.7.d.i)
15. Establish concrete truck and other concrete equipment washout areas before beginning concrete work. (Schedule A.8.c.i.(6))
16. Apply temporary and/or permanent soil stabilization measures immediately on all disturbed areas as grading progresses. Temporary or permanent stabilizations measures are not required for areas that are intended to be left unvegetated, such as dirt access roads or utility pole pads.(Schedule A.8.c.ii.(3))
17. Establish material and waste storage areas, and other non–stormwater controls. (Schedule A.8.c.i.(7))
18. Prevent tracking of sediment onto public or private roads using BMPs such as: construction entrance, graveled (or paved) exits and parking areas, gravel all unpaved roads located onsite, or use an exit tire wash. These BMPs must be in place prior to land–disturbing activities. (Schedule A 7.d.ii and A.8.c.i(4))
19. When trucking saturated soils from the site, either use water–tight trucks or drain loads on site. (Schedule A.7.d.ii.(5))
20. Control prohibited discharges from leaving the construction site, i.e., concrete wash–out, wastewater from cleanout of stucco, paint and curing compounds. (Schedule A.6)
21. Use BMPs to prevent or minimize stormwater exposure to pollutants from spills; vehicle and equipment fueling, maintenance, and storage; other cleaning and maintenance activities; and waste handling activities. These 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. (Schedule A.7.e.i.(2))
22. 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 schedule for vehicles and machinery, material delivery and storage controls, training and signage, and covered storage areas for waste and supplies. (Schedule A. 7.e.iii.)
23. Use water, soil–binding agent or other dust control technique as needed to avoid wind–blown soil. (Schedule A 7.a.iv)
24. 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 waterway riparian zone. (Schedule A.9.b.iii)
25. 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, location of system, location of inlet, location of discharge, discharge dispersion device design, and a sampling plan and frequency) before operating the treatment system. Obtain plan approval before operating the treatment system. Operate and maintain the treatment system according to manufacturer's specifications. (Schedule A.9.d)
26. 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. (Schedule A 7.b)
27. 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 surface waters. (Schedule A 7.e.ii.(2))
28. Construction activities must avoid or minimize excavation and bare ground activities during wet weather. (Schedule A.7.a.i)
29. Sediment fence: remove trapped sediment before it reaches one third of the above ground fence height and before fence removal. (Schedule A.9.c.i)
30. Other sediment barriers (such as biobags): remove sediment before it reaches two inches depth above ground height and before BMP removal. (Schedule A.9.c.i)
31. 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 project. (Schedule A.9.c.iii& iv)
32. Within 24 hours, significant sediment that has left the construction site, must be remediated. Investigate the cause 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 Division of State Lands required timeframe. (Schedule A.9.b.i)
33. The intentional washing of sediment into storm sewers or drainage ways must not occur. Vacuuming or dry sweeping and material pickup must be used to cleanup released sediments. (Schedule A.9.b.ii)
34. The entire site must be temporarily stabilized using vegetation or a heavy mulch layer, temporary seeding, or other method should all construction activities cease for 30 days or more. (Schedule A.7.f.i)
35. Provide temporary stabilization for that portion of the site where construction activities cease for 14 days or more with a covering of blown straw and a tackifier, loose straw, or an adequate covering of compost mulch until work resumes on that portion of the site. (Schedule A.7.f.ii)
36. Do not remove temporary sediment control practices until permanent vegetation or other cover of exposed 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 doing so conflicts with local requirements. (Schedule A.8.c.iii(1) and D.3.c.ii and iii)

Rev. 12/15/15 By: Krista Ratliff

| YEAR: / MONTH: | '21 05 | '21 06 | '21 07 | '21 08 | '21 09 | '21 10 | '21 11 | '21 12 | '22 01 | '22 02 | '22 03 | '22 04 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLEARING | X | X | X | | | | | | | | | |
| EXCAVATION | X | X | X | X | | | | | | | | |
| GRADING | X | X | X | X | X | | | | | | | |
| CONSTRUCTION | X | X | X | X | X | X | X | X | X | X | X | |
| **SEDIMENT CONTROLS:** | | | | | | | | | | | | |
| Silt Fencing | X | X | X | X | X | X | X | X | X | X | X | |
| Sediment Traps | X | X | X | X | X | X | X | X | X | X | X | |
| Sediment Basins | X | | | | | | | | | | | |
| Storm Inlet Protection | X | X | X | X | X | X | X | X | X | X | X | |
| Drainage Swales | | | | | | | | | | | | |
| Check Dams | | | | | | | | | | | | |
| Contour Furrows | | | | | | | | | | | | |
| Terracing | | | | | | | | | | | | |
| Pipe Slope Drains | | | | | | | | | | | | |
| Rock Outlet Protection | | | | | | | | | | | | |
| Gravel Construction Entrance | | | | | | | | | | | | |
| Grass–lined Channel (Turf Reinforcement Mats) | | | | | | | | | | | | |
| Protection of trees with construction fences | | | | | | | | | | | | |
| Temporary Seeding and Planting | | | | | | | | | | | | |
| Permanent Seeding and Planting | X | X | X | X | X | X | X | X | X | X | X | X |
| Other: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

| CONTROL MEASURE | PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5 |
|---|---|---|---|---|---|
| Silt Fencing | X | X | X | X | |
| Construction Entrance | X | X | | | |
| Sediment Traps | X | X | X | X | |
| Storm Inlet Protection | X | X | X | X | |
| Concrete Washout | | | | | |
| Rock Outlet Protection | | | X | X | |
| Permanent Seeding and Planting | | | | | X |

Phase 1: Prior to Ground Disturbance
Phase 2: After Completion of Rough Grading
Phase 3: After Installation of Storm Facilities
Phase 4: After Paving & Construction
Phase 5: After Project Completion and Cleanup

INSPECTION FREQUENCY FOR BMP

| Site Condition | Minimum Frequency |
|---|---|
| 1. Active period | Daily when stormwater runoff, including runoff from snowmelt, is occurring.<br><br>At least once every 14 days, regardless of whether stormwater runoff is occurring. |
| 2. Prior to the site becoming inactive or in anticipation of site inaccessibility. | Once to ensure that erosion and sediment control measures are in working order. Any necessary maintenance and repair must be made prior to leaving the site. |
| 3. Inactive periods greater than seven (14) consecutive calendar days | Once every month. |
| 4. Periods during which the site is inaccessible due to inclement weather | If practical, inspections must occur daily at a relevant and accessible discharge point or downstream location. |
| 5. Periods during which discharge is unlikely due to frozen conditions | Monthly. Resume monitoring immediately upon melt, or when weather conditions make discharge likely. |

BMP Rationale

A comprehensive list of available Best Management Practices (BMP) options based on DEQ's 1200–C Permit Application and ESCP Guidance Document has been reviewed to complete this Erosion and Sediment Control Plan. Some of the above listed BMPs 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 ESCP, an Action Plan will be submitted.

SOIL TYPE(S): PER MARION CO. SOIL SURVEY THE SITE SOILS INCLUDE "CONCORD SILT LOAM AND WOODBURN SILT LOAM, 0 TO 3 PERCENT SLOPES"

EROSION HAZARD: PER MARION CO. SOIL SURVEY EROSION HAZARD IS "SLIGHT"

SITE AREA: 1.86 AC

DISTURBANCE AREA: 0.21 AC

SUPPLEMENTAL WESTECH NOTES:

1. Erosion control measures shall be maintained in such a manner as to ensure that sediment and sediment–laden water does not enter the drainge system, roadways, or violate applicable water quality standards.
2. The erosion control construction, maintenance, replacement and upgrading of the erosion control facilities is the responsibility of the Contractor until all construction is completed and approved, and permanent erosion control (i.e. vegetation/landscaping) is established on all disturbed areas.
3. All recommended erosion control procedures are dependent on construction methods, staging, site conditions, weather and scheduling. During the construction period, erosion control facilities shall be upgraded as necessary due to unexpected storm events and to ensure that sediment and sediment laden water does not leave the site.
4. The Contractor is responsible for control of sediment transport within project limits. If an installed erosion control system does not adequately contain sediment on site, then the erosion control measures shall be adjusted or supplemented by the Contractor as necessary to ensure that sediment laden water does not leave the site. Additional measures shall be provided as required to ensure that all paved areas are kept clean for the duration of the project. Additional interim measures will include, at a minimum, installation of silt fences in accordance with the details shown on the drawings. These measures shall be installed along all exposed embankments and cut slopes to prevent sediment transport.
5. All existing and newly constructed storm inlets and drains shall be protected until pavement surfaces are completed and/or vegetation is established.
6. Erosion control facilities and sediment fences on active sites shall be inspected by the Contractor at least daily during any period with measurable precipitation. Any required repairs or maintenance shall be completed immediately. The erosion control facilities on inactive sites shall be inspected and maintained by the Contractor a minimum of once a month or within 24 hours following the start of a storm event.
7. All catch basins and conveyance lines shall be cleaned prior to paving. The cleaning operation shall not flush sediment–laden water into the downstream system. The Contractor shall remove all accumulated sediment from all impacted catch basins and storm pipes prior to acceptance by the Owner.
8. The Contractor is solely responsible for protection of all adjacent property and downstream facilities from erosion and siltation during project construction. Any damage resulting from such erosion and siltation shall be corrected at the sole expense of the Contractor.
9. The Contractor shall provide site watering as necessary to prevent wind erosion of fine–grained soils.
10. Unless otherwise indicated on the drawings, all temporary erosion control facilities, including sediment fences, silt sacks, bio–bags, etc. shall be removed by the Contractor within 30 days after permanent landscaping/vegetation is established.
11. Sediment fences shall be constructed of continuous filter fabric to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6–inch overlap, and both ends securely fastened to a post.
12. Sediment fence shall be installed per drawing details. Sediment fences shall have adequate support to contain all silt and sediment captured.
13. The standard strength filter fabric shall be fastened securely to stitched loops installed on the upslope side of the posts, and 6 inches of the fabric shall be extended into the trench. The fabric shall not extend more than 30 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.
14. Bio–filter bags shall be clean 100 percent wood product waste. Bags shall be 18–inch x 18–inch x 30–inch, weigh approximately 45 lbs., and be contained in a bag made of 1/2–inch plastic mesh.
15. Sediment barriers shall be maintained until the up–slope area has been permanently stabilized. At no time shall more than 10–inches of sediment be allowed to accumulate behind sediment fences. No more than 2 inches of sediment shall be allowed to accumulate behind bio–filter bags. Sediment shall be removed prior to reaching the above stated depths. New sediment barriers shall be installed uphill as required to control sediment transport.
16. Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to ensure that all paved areas are kept clean for the duration of the project.
17. The Contractor shall verify that all trucks are well sealed when transporting saturated soils from the site. Water drippage from trucks transporting saturated soils must be reduced to less than 1 gallon per hour prior to leaving the site.
18. The entrance shall be maintained in a condition that will prevent tracking or flow of mud onto the public right–of–way or approved access point. The entrance may require periodic top dressing as conditions demand, and repair and/or cleanout of any structures used to trap sediment.
19. All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately, and the Contractor shall provide protection of downstream inlets and catch basins to ensure sediment laden water does not enter the storm drain system.
20. Temporary grass cover measures must be fully established by October 15th, or other cover measures (ie. erosion control blankets with anchors, 3–inches minimum of straw mulch, 6 mil HDPE plastic sheet, etc.) shall be in place over all disturbed soil areas until April 30th. To establish an adequate grass stand for controlling erosion by October 15th, it is recommended that seeding and mulching occur by September 1st. Straw mulch, if used, shall not leave any bare ground visible through the straw.
21. Minimum wet weather slope protection. For slopes steeper than 3H:1V but less than 2H:1V, use Tensar/North American Green Type S150 erosion control blanket. For slopes 2H:1V or steeper, use Tensar/North American Green Type SC150 erosion control blanket. Use a minimum of 2–inches straw mulch or Tensar/North American Green Type S150 for slopes flatter than 3H:1V. Slope protection shall be placed on all disturbed areas immediately after completion of each section of construction activity, until the erosion control seeding has been established. As an option during temporary or seasonal work stoppages, a 6–mil HDPE plastic sheet may be placed on exposed slopes. The plastic sheet shall be provided with an anchor trench at the top and bottom of the slope, and shall be sandbagged on the slopes as required to prevent damage or displacement by wind.
22. Permanent erosion control vegetation on all embankments and disturbed areas shall be re–established as soon as construction is completed.
23. Soil preparation. Topsoil should be prepared according to landscape plans, if available, or recommendations of grass seed supplier. It is recommended that slopes be textured before seeding by rack walking (ie. driving a crawling tractor up and down the slopes to leave a pattern of cleat imprints parallel to slope contours) or other method to provide stable areas for seeds to rest.
24. When used, hydromulch shall be applied with grass seed at a rate of 2000 lbs. per acre between April 30 and June 10, or between September 1 and October 1. On slopes steeper than 10 percent, hydroseed and mulch shall be applied with a bonding agent (tackifier). Application rate and methodology to be in accordance with seed supplier recommendations.
25. When used in lieu of hydromulch, dry, loose, weed free straw used as mulch shall be applied at a rate of 4000 lbs. per acre (double the hydromulch application requirement). Anchor straw by working in by hand or with equipment (rollers, cleat trackers, etc.). Mulch shall be spread uniformly immediately following seeding.
26. When conditions are not favorable to germination and establishment of the grass seed, the Contractor shall irrigate the seeded and mulched areas as required to establish the grass cover.
27. Seeding. Recommended erosion control grass seed mix is as follows. Dwarf grass mix (low height, low maintenance) consisting of dwarf perennial ryegrass (80 % by weight), creeping red fescue (20 % by weight). Application rate shall be 100 lbs. per acre minimum.
28. Grass seed shall be fertilized at a rate of 10 lbs. per 1000 S.F with 16– 16–16 slow release type fertilizer. Development areas within 50 feet of water bodies and wetlands must use a non–phosphorous fertilizer.
29. Prior to starting construction contractor shall acquire the services of a DEQ Certified Erosion and Sediment Control Inspector and shall submit an "Action Plan" to DEQ indentifying their names, contact information, training and experience as required in Schedule A.6.b.i–ii of the 1200–C Permit
30. Contractor shall submit "Notice of Termination" to DEQ to end the 1200–C permit coverage once all soil disturbance activities have been completed and final stabilization of exposed soils has occured.


WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585–2474 Fax: (503) 585–3986
E–mail: westech@westech–eng.com



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EROSION CONTROL NOTES

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# CITY OF SALEM PUBLIC WORKS DESIGN STANDARDS:

## Division 007 Appendix A—EPSC Plan Standard Notes

(a) PRE—CONSTRUCTION

(1). Prior to any land disturbing activities, the boundaries of the clearing and grading limits, vegetated buffers, and any sensitive areas shown on this plan shall be clearly delineated in the field. Unless otherwise approved, no disturbance is permitted beyond the clearing limits. The Contractor must maintain the delineation for the duration of the project. Note: vegetated corridors to be delineated with orange construction fence or approved equal.

(2). BMPs that must be installed prior to land disturbing activities are construction entrance, perimeter sediment control, and inlet protection.

(3). Hold a preconstruction conference to review the EPSCP and with the City's Project Manager and Inspector.

(b) CONSTRUCTION

(1). All sediment is required to stay on site. Sediment amounts greater than 1/2—cubic foot which leave the site must be cleaned up within 24 hours and placed back on the site and stabilized or properly disposed. Vacuuming or dry sweeping must be used to clean up released sediment and it must not be swept or washed into storm sewers, drainage ways, or water bodies. The cause of the sediment release must be found and prevented from causing a recurrence of the discharge within thesame 24 hours. Any in—stream clean up of sediment shall be performed according to the DSL required time frame.

(2). Construction, maintenance, replacement, and upgrading of erosion prevention and sediment control facilities is the sole responsibility of the Contractor until all construction is completed, approved, and permanent erosion control (i.e., vegetation/landscaping) is established on all disturbed areas.

(3). All recommended erosion prevention and sediment control procedures are dependent on construction methods, staging, site conditions, weather, and scheduling. During the construction period, erosion control facilities shall be revised, upgraded, replaced, or added, to comply with SRC and State and Federal regulatory requirements.

(4). The Contractor is solely responsible for protection of all adjacent property and downstream facilities from erosion and siltation during project construction. Any damage resulting from such erosion and siltation shall be corrected at the sole expense of the Contractor.

(5). When saturated soil is present, water—tight trucks must be used to transport saturated soils from the construction site. Soil may be drained on site at a designated location, using appropriate BMPs. Soil must be drained sufficiently to drip less than one gallon per hour prior to leaving the site.

(6). All materials spilled, dropped, or washed into storm drains must be removed immediately, and the Contractor shall provide protection of downstream inlets and catch basins to ensure sediment—laden water does not enter the storm drain system.

(7). All discharge of sediment—laden water must be treated with an appropriate BMP to remove sediment from discharge waters and to comply with SRC and State and Federal Regulatory Permits.

(8). In areas subject to wind erosion, appropriate BMPs must be used which may include the application of fine water spraying, plastic sheeting, mulching, or other approved measures.

(9). The EPSC measures and BMPs shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these measures shall be upgraded as needed to maintain compliance with all regulations.

(10). The contractor shall provide onsite water or other appropriate BMPs to prevent dust and wind erosion of fine grain soils.

(11). Disturbed areas must be stabilized after 14 days of inactivity, or immediately if rain is forecasted. See Subsection 7A.1(d)—Wet Weather Period.

(12). During the wet weather work period or when rain is forecasted, all active and inactive soil stock piles must be covered with appropriate plastic sheeting. Plastic sheeting must cover the entire stock pile and be sufficiently anchored.

(c) POLLUTANTS, SOLID WASTE AND HAZARDOUS MATERIALS MANAGEMENT

(1). Any use of toxic or other hazardous materials must include proper storage, application, and disposal.

(2). The contractor is solely responsible to properly manage pollutants, hazardous wastes, used oils, contaminated soils, concrete waste, sanitary waste, liquid waste, or other toxic substances discovered or generated during construction to prevent leakage, spills or release of pollutants to the environment and surface waters.

(3). Contractor shall develop a project specific written spill prevention and response procedures that includes employee training on spill prevention and proper disposal procedures; regular maintenance schedule for vehicles andmachinery; and material delivery and storage controls, signage, material use, and use of covered storage areas for waste and supplies. The plan shall comply with SRC and Federal and State requirements, and shall be available on site at all times.

(d) WET WEATHER PERIOD (OCTOBER 15 THROUGH APRIL 30)

(1). Construction activities must avoid or minimize the duration of disturbed areas.

(2). Temporary stabilization of the site including covering of bare soils with approved BMPs, must be installed at the end of the shift before a holiday or weekend, or at the end of each workday if rainfall is forecast in the next 24 hours.

(3). Temporary stabilization or covering of soil stockpiles and protection of stockpiles located away from construction activity must occur at the end of each workday.

(e) MAINTENANCE

(1). Erosion control measures shall be maintained in such a manner as to ensure that erosion is prevented and sediment—laden water does not enter a drainage system, roadway, or violate applicable water quality standards.

(2). Sediment shall not be washed or swept into storm sewers, drainage ways, or water bodies.

(3). Sediment must be removed from behind all sediment control measures when it has reached a height of 1/3 the barrier height, and prior to the control measures removal.

(4). Removal of trapped sediment in a sediment basin or sediment trap or catch basins must occur when the sediment retention capacity has been reduced by 50 percent; is not functioning properly and/or at the completion of project.

(5). Cleaning of all structures, inlet protection BMPs, and sump pumps must be completed regularly and as required to ensure structures and inlets function properly and flow freely.

(6). Construction site exits shall be maintained in a condition that will prevent tracking or flow of mud onto the ROW or approved access point. The entrance may require periodic top dressing as conditions demand, and repair and/or cleanout of any structures used to trap sediment. Wheel washing shall be required to prevent sediment and material tracking on road surfaces if passive BMPs are not effective.

(f) INSPECTION

(1). The EPSCP must be kept onsite at all times. All measures shown on the plan must be installed properly to ensure compliance with SRC and State and Regulatory permits, and that sediment does not enter a surface water system, roadway, or other properties.

(2). Written EPSC inspection logs shall be maintained onsite and available to City inspectors upon request.

(3). All BMPs shall be inspected at least every week. When a rainfall event exceeds 1/2—inch in a 24—hour period, daily inspection of the erosion controls, sediment controls, and discharge outfalls must be conducted and documented. Inspections shall be done by a representative of the permit registrant who is knowledgeable and experienced in the principles, practices, installation, and maintenance of erosion and sediment controls.

(g) INACTIVE CONSTRUCTION PERIODS AND POST—CONSTRUCTION

(1). Should work cease in any area for 14 days, the inactive area must be stabilized with appropriate soil stabilization BMPs. If all construction activity ceases the entire site must be temporarily stabilized using vegetation, heavy mulch layer, temporary seeding, or other method.

(2). All temporary erosion prevention and sediment control facilities shall be removed by the contractor within 30 days after permanent landscaping/vegetation is established and the threat of erosion and sediment transport has been mitigated.

(3). Temporary grass cover measures must be fully established by October 15 or other cover measures (i.e., erosion control blankets with anchors, one—inch of straw mulch, six mil HDPE plastic sheet, etc.) shall be in place over all disturbed soil areas until April 30. To establish an adequate grass stand for controlling erosion by October 15, it is recommended that seeding and mulching occur by September 1.

(4). Permanent erosion control vegetation on all embankments and disturbed areas shall be re—established as soon as construction is completed.

(h) SPECIFICATIONS

(1). Soil preparation. Topsoil should be prepared according to the landscape plans, if available, or recommendations of the grass seed supplier. Slopes shall be textured before seeding by rack walking (i.e., driving a crawling tractor up and down the slopes to leave a pattern of cleat imprints parallel to slope contours) or other method to provide stable areas for seeds to rest.

(2). Seeding. Erosion control grass seed mix shall be as follows: Dwarf grass mix (low height, low maintenance) consisting of dwarf perennial ryegrass (80 percent by weight), creeping red fescue (20 percent by weight). Application rate shall be 100 pounds per acre minimum.

(3). Grass seed shall be fertilized at a rate of ten pounds per 1,000 square feet with 16—16—16 slow release type fertilizer. Disturbed areas within 50 feet of water bodies and wetlands must use a non—phosphorous fertilizer.

(4). The application rate of fertilizers used to reestablish vegetation shall follow manufacturer's recommendations. Nutrient releases from fertilizers to surface waters shall be minimized. Time release fertilizers shall be used. Care shall be made in the application of fertilizers within any waterway riparian zone to prevent leaching into the waterway.

(5). When used, hydromulch shall be applied with grass seed at a rate of 2,000 pounds per acre between April 30 and June 10, or between September 1 and October 1. On slopes steeper than ten percent, hydroseed and mulch shall be applied with a bonding agent (tackifier). Application rate and methodology shall be in accordance with seed supplier recommendations.



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585—2474 Fax: (503) 585—3986
E—mail: westech@westech—eng.com

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ARCHITECTURE • INTERIOR DESIGN
3095 RIVER RD N, SALEM, OREGON 97303
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REGISTERED PROFESSIONAL ENGINEER
OREGON
NOV. 12, 2008
WILLIAM J. WELLS
RENEWS: 6/30/2022

BID SET

project:
SKSD LANCASTER PROFESSIONAL CENTER
2018 BOND: CONSTRUCTION, RENOVATION, REPAIR
2021 RENOVATION AND REPAIR PROJECTS
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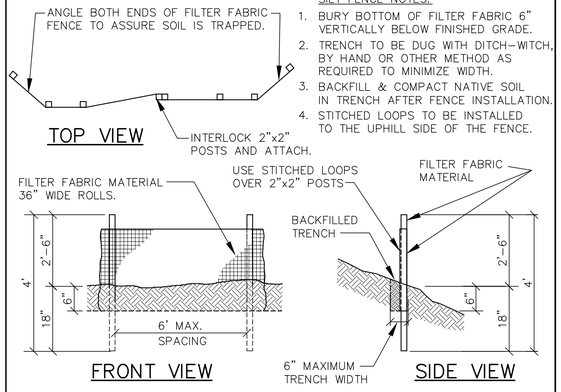
consultants:

revisions:

date: 04-01-2021
project: 05420
dwg file: A-101-X-05420
drawn by: IH
checked by: JW


EROSION CONTROL NOTES

sheet:
C1.3
of:




SILT FENCE NOTES:

1. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.
2. TRENCH TO BE DUG WITH DITCH-WITCH, BY HAND OR OTHER METHOD AS REQUIRED TO MINIMIZE WIDTH.
3. BACKFILL & COMPACT NATIVE SOIL IN TRENCH AFTER FENCE INSTALLATION.
4. STITCHED LOOPS TO BE INSTALLED TO THE UPHILL SIDE OF THE FENCE.

MAINTENANCE NOTES:

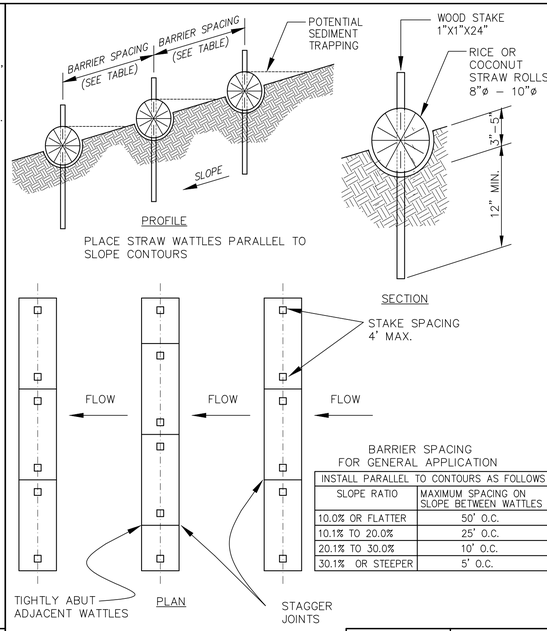
1. SEDIMENT BARRIERS SHALL BE MAINTAINED UNTIL UP-SLOPE AREA IS PERMANENTLY STABILIZED.
2. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE BEHIND SEDIMENT FENCES OR BIOFILTER BAGS.
3. NEW SEDIMENT BARRIERS SHALL BE INSTALLED UPHILL AS REQUIRED TO CONTROL SEDIMENT TRANSPORT.

| LAST REVISION DATE: | JO # |
|---|---|
| APRIL 2014 | STANDARD |

**SEDIMENT BARRIERS**

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 6110 |




BARRIER SPACING FOR GENERAL APPLICATION

| INSTALL PARALLEL TO CONTOURS AS FOLLOWS | |
|---|---|
| SLOPE RATIO | MAXIMUM SPACING ON SLOPE BETWEEN WATTLES |
| 10.0% OR FLATTER | 50' O.C. |
| 10.1% TO 20.0% | 25' O.C. |
| 20.1% TO 30.0% | 10' O.C. |
| 30.1% OR STEEPER | 5' O.C. |

NOTES:

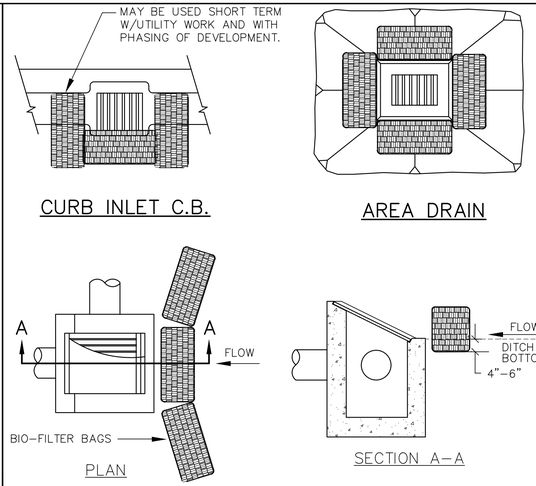
1. ALL MATERIAL SHALL CONFORM TO OSSC (ODOT/APWA) SPECIFICATIONS, CURRENT EDITION.
2. SEDIMENT BARRIERS SHALL BE MAINTAINED UNTIL UP-SLOPE AREA IS PERMANENTLY STABILIZED.
3. AT NO TIME SHALL SEDIMENT BE ALLOWED TO ACCUMULATE ABOVE THE TOP OF THE STRAW WATTLE.
4. NEW SEDIMENT BARRIERS SHALL BE INSTALLED UPHILL AS REQUIRED TO CONTROL SEDIMENT TRANSPORT.

| LAST REVISION DATE: | JO # |
|---|---|
| JUNE 2015 | STANDARD |

**STRAW WATTLE SEDIMENT BARRIER**

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 6120 |




DITCH INLET C.B.

MAINTENANCE NOTES:

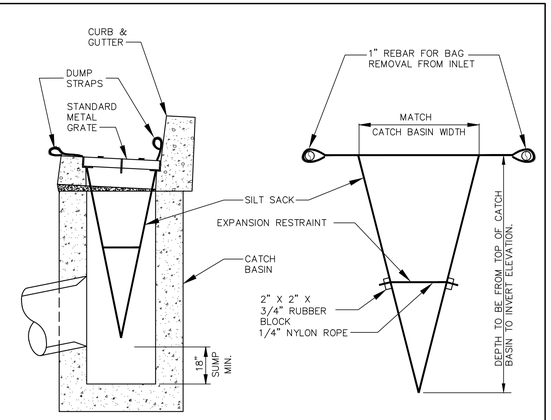
1. SEDIMENT BARRIERS SHALL BE MAINTAINED UNTIL UP-SLOPE AREA IS PERMANENTLY STABILIZED.
2. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE BEHIND SEDIMENT FENCES OR BIOFILTER BAGS.
3. NEW SEDIMENT BARRIERS SHALL BE INSTALLED UPHILL AS REQUIRED TO CONTROL SEDIMENT TRANSPORT.

| LAST REVISION DATE: | JO # |
|---|---|
| APRIL 2014 | STANDARD |

**INLET SEDIMENT CONTROL**

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 6130 |




NOTES:

1. EMPTY SILT SACK AS NECESSARY.
2. SILTSACK SEDIMENT CONTROL DEVICE AS MANUFACTURED BY ACF ENVIRONMENTAL AND SUPPLIED BY ACF WEST (503) 771-5115 OR APPROVED EQUAL.

| LAST REVISION DATE: | JO # |
|---|---|
| OCT 2002 | STANDARD |

**SILTSACK INLET DETAIL**

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 6150 |


WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
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REGISTERED PROFESSIONAL ENGINEER OREGON NOV. 12, 2008 WILLIAM J. WELLS
RENEWS: 6/30/2022

REVIEW

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LEARNING FOR A LIFETIME SALEM-KEIZER PUBLIC SCHOOLS

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EROSION CONTROL DETAILS

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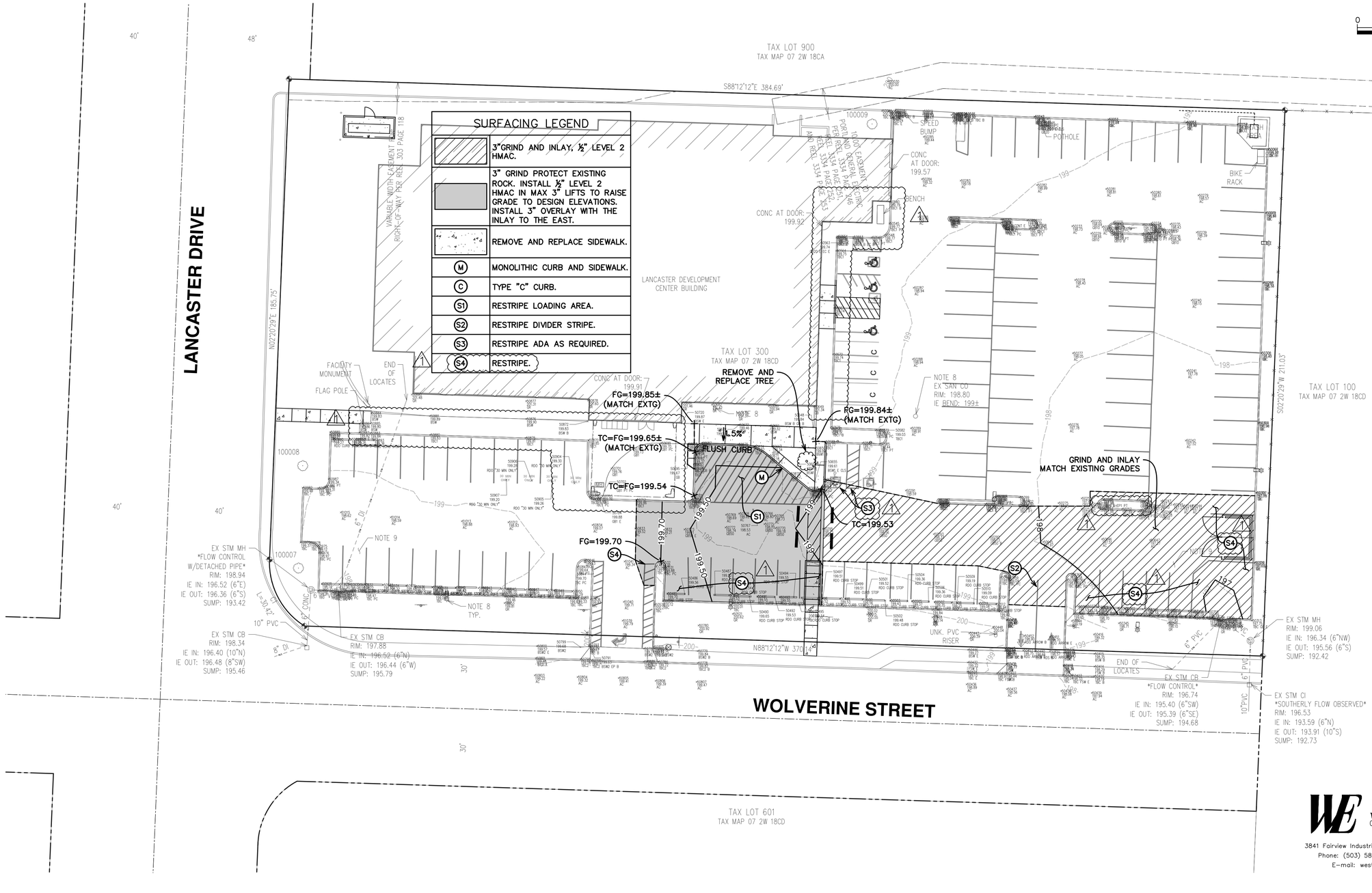



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checked by: JW



GRADING AND SURFACING PLAN

sheet: C2.0
of:


WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com


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GENERAL NOTES

1. Contractor shall procure and conform to all construction permits required by the City of Salem and Marion County.

2. Owner to pay all project permit costs, including but not limited to utility tapping, TV, and chlorination costs. The Contractor shall coordinate with the Approving Agency to determine appropriate fees and provide the Owner with 48 hours notice prior to the required payment of fees or costs.

3. Oregon law requires the Contractor 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. Obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 503–232–1987).

4. Contractor to notify City, County and all utility companies a minimum of 48 business hours (2 business days) prior to start of construction, and comply with all other notification requirements of the Approving Agency with jurisdiction over the work.

5. Contractor shall provide all bonds and insurance required by public and/or private agencies having jurisdiction. Where required by public and/or private agencies having jurisdiction, the Contractor shall submit a suitable maintenance bond prior to final payment.

6. For City Construction Permits, contact Salem Public Works Engineering Construction Management at 503–588–6211. For City Building Permits, contact Salem Permit Application Center at 503–588–6256.

7. Contractor to apply for services at the Permit Application Center (PAC office) for work to be done by City forces on public mains.

8. All materials and workmanship for facilities in street right–of–way or easements shall conform to Approving Agencies' construction specifications wherein each has jurisdiction, including but not limited to the City, County, Oregon Health Division (OHD) and the Oregon Department of Environmental Quality (DEQ).

9. Unless otherwise approved by the Public Works Director, construction of all public facilities shall be done between 7:00 a.m. and 6:00 p.m., Monday through Saturday.

10. The Contractor shall perform all work necessary to complete the project in accordance with the approved construction drawings including such incidentals as may be necessary to meet the Approving Agencies' requirements and provide a completed project.

11. Any inspection by the City, County or other Approving Agency shall not, in any way, relieve the Contractor from any obligation to perform the work in strict compliance with the contract documents, applicable codes, and Approving Agency requirements.

12. Contractor shall maintain one complete set of approved drawings on the construction site at all times whereon he will record all approved deviations in construction from the approved drawings, as well as the station locations and depths of all existing utilities encountered. These field record drawings shall be kept up to date at all times and shall be available for inspection by the Approving Agency or Owner's Representative upon request. Failure to conform to this requirement may result in delay in payment and/or final acceptance of the project.

13. Upon completion of construction of all new facilities, Contractor shall submit a clean set of field record drawings containing all as–built information to the Engineer. All information shown on the Contractor's field record drawings shall be subject to verification. If significant errors or deviations are noted, an as–built survey prepared and stamped by a registered professional Land Surveyor shall be completed at the Contractor's expense.

14. The contractor shall retain and pay for the services of a registered Civil Engineer and/or Land Surveyor licensed in the State of Oregon to establish construction control and perform initial construction surveys to establish the lines and grades of improvements as indicated on the drawings. Staking for buildings, structures, curbs, gravity drainage pipes/structures and other critical improvements shall be completed using equipment accurate to 0.04 feet horizontally and 0.02 feet vertically, or better. Use of GPS equipment for final construction staking of these critical improvements is prohibited. The registered professional surveyor shall provide the design engineer with copies of all grade sheets for construction staking performed for the project.

15. See architectural drawings for site lighting, site dimensioning, and continuation of all utilities.

TRAFFIC CONTROL

16. Contractor shall erect and maintain barricades, warning signs, traffic cones (and all other traffic control devices required) per City, County and ODOT requirements in accordance with the current MUTCD (including Oregon amendments). Access to driveways shall be maintained at all times. All traffic control measures shall be approved and in place prior to any construction activity. Prior to any work in the existing public right–of–way, Contractor shall submit final traffic control plan to the Approving Agency for review and issuance of a Lane Closure or Work in Right–of–Way Permit.

TESTING AND INSPECTION:

17. For public and private improvements, the Contractor shall be responsible to ensure that all required or necessary inspections are completed by authorized inspectors prior to proceeding with subsequent work which covers or that is dependent on the work to be inspected. Failure to obtain necessary inspection(s) and approval(s) shall result in the Contractor being fully responsible for all problems and/or corrective measures arising from uninspected work.

18. Unless otherwise specified, the attached "Required Testing and Frequency" table outlines the minimum testing schedule for private improvements on the project. This testing schedule is not complete, and does not relieve the Contractor of the responsibility of obtaining all necessary inspections or observations for all work performed, regardless of who is responsible for payment. Cost for retesting shall be borne by the Contractor.

EXISTING UTILITIES & FACILITIES:

19. The location and descriptions of existing utilities shown on the drawings are compiled from available records and/or field surveys. The Engineer or utility companies do not guarantee the accuracy or the completeness of such records. Contractor shall field verify locations and sizes of all existing utilities prior to construction.

20. Utility locations are based on record information and should be field–verified. Call 1–800–332–2344 at least 48 hours prior to construction for on–site locating of utilities.

21. Contractor shall field verify location and depth of all existing utilities where new facilities cross. All utility crossings marked or shown on the drawings shall be potholed using hand tools or other non–invasive methods prior to excavating or boring. Contractor shall be responsible for exposing potential utility conflicts far enough ahead of construction to make necessary grade or alignment modifications without delaying the work. If grade or alignment modification is necessary, Contractor shall notify the Design Engineer, and the Design Engineer or the Owner's Representative shall obtain approval from the Approving Agency prior to construction.

22. The Contractor shall be responsible for locating and marking all existing survey monuments of record (including but not limited to property and street monuments) prior to construction. If any survey monuments are removed, disturbed or destroyed during construction of the project, the Contractor shall retain and pay for the services of a Registered Professional Surveyor licensed in the State of Oregon to reference and replace all such monuments prior to final payment. The monuments shall be replaced within a maximum of 90 days, and the County Surveyor shall be notified in writing as required by per ORS 209.150.

23. All facilities shall be maintained in–place by the Contractor unless otherwise shown or directed. Contractor shall take all precautions necessary to support, maintain, or otherwise protect existing utilities and other facilities at all times during construction. Contractor to leave existing facilities in an equal or better–than–original condition and to the satisfaction of the Approving Agency and Owner's Representative.

24. Utilities or interfering portions of utilities that are abandoned in place shall be removed by the Contractor to the extent necessary to accomplish the work. The Contractor shall plug the remaining exposed ends of abandoned utilities after appropriate verification procedures have taken place.

25. Contractor shall remove all existing signs, mailboxes, fences, landscaping, etc., as required to avoid damage during construction and replace them to existing or better condition.

26. The Contractor shall be responsible for managing construction activities to ensure that public streets and right–of–ways are kept clean of mud, dust or debris. Dust abatement shall be maintained by adequate watering of the site by the Contractor.

GRADING, PAVING & DRAINAGE:

27. Unless otherwise noted, all grading, rocking and paving to conform to Oregon Standard Specifications for Construction (OSSC/ODOT/APWA), 2021 edition.

28. Clear and grub within work limits all surface vegetation, trees, stumps, brush, roots, etc. Do not damage or remove trees except as approved by the Owner's Representative or as shown on the drawings. Protect all roots two inches in diameter or larger.

29. Strip work limits, removing all organic matter, which cannot be compacted into a stable mass. All trees, brush, and debris associated with clearing, stripping or grading shall be removed and disposed of off–site.

30. Immediately following stripping and grading operations, compact subgrade to 92% of the maximum dry density per AASHTO T–180 test method (Modified Proctor). Subgrade must be inspected and approved by the Owner's authorized representative before placing, engineered fills or fine grading for base rock.

31. Engineered fills shall be constructed and compacted in 6" lifts over approved subgrade. All fills shall be engineered and comply with the Oregon Structural Specialty Code, with each lift compacted to 92% of the maximum dry density per AASHTO T–180 test method (Modified Proctor).

32. Granular baserock shall conform to the requirements of OSSC (ODOT/APWA) 02630.10 (Dense Graded Base Aggregate), with no more than 10% passing the #40 sieve and no more than 5% passing the #200 sieve.

33. Compact granular baserock to 92% of the maximum dry density per AASHTO T–180 test method (Modified Proctor). Written baserock compaction test results from an independent testing laboratory must be received by the Owner's authorized representative before placing AC pavement, and a finished rock grade proof–roll (witnessed by the Owners authorized representative) must be performed.

34. A.C. pavement shall conform to OSSC (ODOT/APWA) 00745 (Hot Mixed Asphalt Concrete Pavement) for standard duty mix. Unless otherwise specified or shown on the drawings, base lifts shall be 3/4" dense graded mix, while wearing courses shall be 1/2" dense graded mix. Unless otherwise specified or shown on the drawings, A.C. pavement for parking lots and streets shall be Level 2 mix (50 blow Marshall) per OSSC (ODOT/APWA) 00744.13. A.C. Pavement shall be compacted to a minimum of 91% of maximum density as determined by the Rice standard method. Written AC pavement compaction test results from an independent testing laboratory must be received by the Owner's authorized representative before final payment.

35. Pavement surface shall be a smooth, well–sealed, tight mat without depressions or bird baths. Bony or open graded pavement surfaces shall be repaired to the satisfaction of the Owner's authorized representative, prior to final acceptance of the work.

36. HMAC mixtures shall be placed only when the surface is dry and weather conditions are such that proper handling, finishing and compaction can be accomplished. In no case shall bituminous mixtures be placed when the surface temperature is below the minimum established under 2021 OSSC (ODOT/APWA) 00744.40 (AC – Season and Temperature Limitations) or the project specifications, whichever is more stringent.

37. Contractor shall protect new pavement against traffic as required, until it has cooled sufficiently to avoid tracking.

38. For parking lots or private access drives, the final lift of AC pavement shall not be placed until after the building is fully enclosed and weatherproof, unless otherwise approved by the Owner's authorized representative.

39. Unless otherwise shown on the drawings or details, straight grades shall be run between all finish grade elevations and/or finish contour lines shown (exception: where grades are shown across sidewalks, slopes shall be adjusted to ensure that maximum allowable sidewalk cross slopes are not exceeded).

40. Finish pavement grades at transition to existing pavement shall match existing pavement grades or be feathered past joints with existing pavement as required to provide a smooth, free draining surface.

41. All existing or constructed manholes, cleanouts, monument boxes, gas valves, water valves and similar structures shall be adjusted to match finish grade of the pavement, sidewalk, landscaped area or median strip wherein they lie. Verify that all valve boxes and risers are clean and centered over the operating nut.

42. Unless otherwise shown on the drawings, no cut or fill slopes shall be constructed steeper than 3H:1V.

43. Unless otherwise shown on the landscape plans, all planter areas, shall be backfilled with approved topsoil minimum 8" thick. Stripping materials shall not be used for planter backfill.

44. Contractor shall seed and mulch (uniformly by hand or hydroseed) all exposed slopes and disturbed areas which are not scheduled to be landscaped, including trench restoration areas. If the Contractor fails to apply seed and mulch in a timely manner during periods favorable for germination, or if the seeded areas fail to germinate, the Owner's Representative may (at his discretion) require the Contractor to install sod to cover such disturbed areas.

CURBS & SIDEWALKS:

45. Unless otherwise shown or indicated on the drawings, 6–inches nominal curb exposure used for design of all parking lot and street grades.

46. Where new curbing connects to existing curbing or is installed along existing streets or pavement, the gutter grade shall match the existing street grades so as to allow drainage from the street to the gutter and through any transitions. The Contractor shall notify the Owner's Representative in writing of any grade discrepancies or problems prior to curb placement.

47. Contractor shall construct all handicap access ramps in accordance with current ADA requirements.

48. Sidewalks shall be a minimum of 4–inches thick and standard residential driveways shall be a minimum of 6–inches thick. Commercial use driveways and alley approaches shall be minimum 8–inches thick. All curbs, sidewalks and driveways shall be constructed using (3500–psi district standard) concrete, and shall be cured with Type 1 or Type 1D clear curing compound. All sidewalks shall be ADA compliant. (1) (1)

49. Curb & sidewalk concrete shall be placed only during periods when it will not be damaged by rain (protect unhardened concrete from precipitation). Concrete shall not be placed on frozen baserock. Do not begin concrete placement until temperature in the shade is a minimum of 35°F and rising, and stop placement if air temperature falls below 35°F. Protect concrete from freezing for a minimum of 5 days after placement per OSSC (ODOT/APWA) 00440.40.d & 00756.40 or the project specifications, whichever is more stringent.

50. Contraction joints shall be installed directly over any pipes that cross under the sidewalk, to control cracking. In general, cracks in new curbs or sidewalks (at locations other than contraction joints) are not acceptable, and cracked panels shall be removed & replaced unless otherwise approved by the Approving Agency and the design engineer.

51. All sidewalks shall be ADA compliant. Direction of sidewalk cross slope shall conform with the slope direction shown on the grading plan. Sidewalk cross slopes shall not exceed 1:67 (1.5%) nor be less than 1%. Longitudinal slope shall not exceed 1:20 (5%).

52. Where trench excavation requires removal of PCC curbs and/or sidewalks, the curbs and/or sidewalks shall be sawcut and removed at a tooled joint unless otherwise authorized in writing by the Approving Agency. The sawcut lines shown on the drawings are schematic and not intended to show the exact alignment of such cuts.

53. Contractor is responsible for damage/vandalism of cone for first 24 hours of each pour. (1)

54. Unless otherwise shown on the drawings, areas along curbs and sidewalks shall be backfilled with approved topsoil, as well as being seeded and mulched (or hydroseed).

| REQUIRED TESTING AND FREQUENCY TABLE | | Party Responsible for payment | | |
|---|---|---|---|---|
| | | Contractor | | Others (see note 1) |
| **Streets, Fire Lanes, Common Driveways, Parking Lots, Pads, Fills, etc.** | | | | |
| Subgrade | 1 Test/4000 S.F./Lift (4 min), locations acceptable to approving agency (typically alternate sides of road or access aisles) | ✓ | See note 2 & note 3 | |
| Engineered Fills | 1 Test/4000 S.F./Lift (4 min), locations acceptable to approving agency | ✓ | See note 2 & note 5 | |
| Baserock | 1 Test/4000 S.F./Lift (4 min), locations acceptable to approving agency (typically alternate sides of road or access aisles) | ✓ | See note 2 & note 3 | |
| Asphalt | 1 Test/6000 S.F./Lift (4 min), locations acceptable to AA (typ. alternate as above) | ✓ | See note 2 | |
| **Piped Utilities, All** | | | | |
| Trench Backfill | 1 Test/200 Foot Trench/Lift (4 min) | ✓ | See note 2 | |
| Trench AC Restoration | 1 Test/300 Foot Trench (4 min) | ✓ | See note 2 | |
| **Concrete, Block, etc.** | | | | |
| Slump, Air & Cylinders for structural & reinforced concrete, equipment slabs, curbs, sidewalks & PCC pavements. Unless otherwise specified, one set of cylinders per 100 cubic yards (or portion thereof) of each class of concrete placed per day. Slump & air tests required on same load as cylinders. | | ✓ | See note 2 | |

Note 1: "Others" refers to Owner's authorized Representative or Approving Agency as applicable. Contractor responsible for scheduling testing. All testing must be completed prior to performing subsequent work.

Note 2: Testing must be performed by an approved independent testing laboratory.

Note 3: In addition to in–place density testing, the subgrade and base rock shall be proof–rolled with a loaded 10 yard dump truck provided by the Contractor. Baserock proofroll shall take place immediately prior to (within 24 hours of) paving, and shall be witnessed by the Owner's authorized Representative or approving agency. Location and pattern of testing and proofroll to be as approved or directed by said Owner's authorized Representative or approving agency.

Note 4: To be witnessed by the Owner's Representative or approving agency. The Contractor shall perform pretests prior to scheduling witnessed waterline or sanitary sewer pressure tests, or pipeline mandrel test.

Note 5: The approved independent laboratory retained by the Contractor shall provide a certification (stamped by an engineer licensed in the State of Oregon) that the subgrade was prepared and all engineered fills were placed in accordance with the provisions of the construction drawings and the contract documents.


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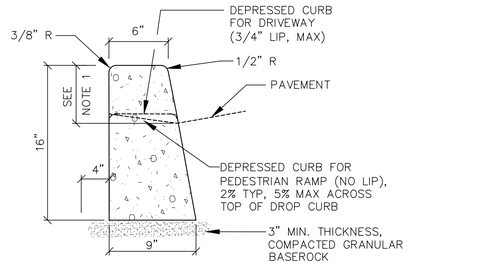
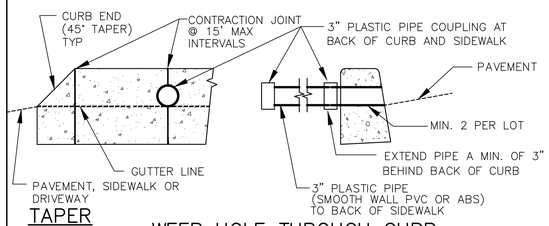



## TYPE 'C' CURB




## TAPER

## WEEP HOLE THROUGH CURB

NOTES

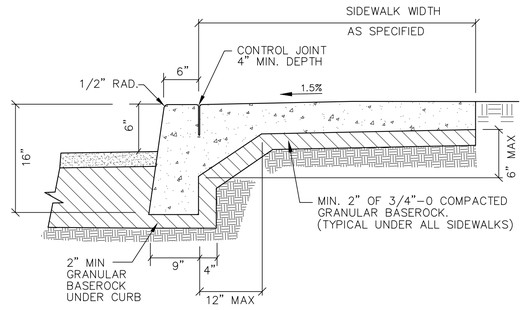
1. 7" CURB EXPOSURE FOR ARTERIAL & COLLECTOR STREETS TYPICAL WHERE TYPE C CURB IS ALLOWED.
   6" EXPOSURE ALL OTHER PUBLIC STREETS, PRIVATE STREETS & PARKING LOTS.
2. A CONTRACTION JOINT SHALL BE PLACED ACROSS SIDEWALK OVER WEEP HOLE PIPE.
3. ALL CONCRETE SHALL BE 3300 PSI @ 28 DAYS.
4. WHERE SIDEWALKS ARE TO BE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK LOCATION & INSTALL COUPLING AT ALL WEEPHOLE LOCATIONS.
5. INSTALL MIN. 2 WEEP HOLES ON ALL LOTS. ONE TO BE AT LOW POINT OF LOT, 5' FROM P/L. WEEP HOLES IN EXISTING CURBS SHALL BE CORE DRILLED.
6. **UNLESS APPROVED IN WRITING BY AGENCY WITH JURISDICTION, MONOLITHIC CURB & PUBLIC SIDEWALK OR DRIVEWAY APRON PLACEMENT IS NOT PERMITTED (IE. CURB CONCRETE & SIDEWALK OR DRIVEWAY CONCRETE SHALL BE PLACED SEPARATELY).**

| LAST REVISION DATE: | JO # |
|---|---|
| JULY 2017 | STANDARD |

STANDARD
TYPE 'C' CURB

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 2110 |




## TYPICAL SECTION

NTS

NOTES:

1. CONCRETE DEPTH FOR STANDARD SIDEWALKS SHALL BE 4" MIN.
2. CONCRETE SHALL BE 3300 PSI @ 28 DAYS.
3. INSTALL TOOLED CONTRACTION JOINTS AT 5' INTERVALS. SIDEWALKS 10' & WIDER SHALL HAVE A LONGITUDINAL CONTRACTION JOINT AT 5' ON CENTER.
4. INSTALL MIN. 2 WEEP HOLES ON ALL LOTS. ONE WEEP HOLE TO BE AT LOW POINT OF LOT, 5' FROM P/L. A CONTRACTION JOINT SHALL BE PLACED ALONG AND OVER WEEPHOLE & DRAIN PIPE.
5. PUBLIC SIDEWALKS SHALL BE LOCATED ENTIRELY WITHIN RIGHT-OF-WAYS OR SIDEWALK EASEMENTS, INCLUDING SIDEWALKS AT DRIVEWAY APRONS.

| LAST REVISION DATE: | JO # |
|---|---|
| NOV 2013 | STANDARD |

MONOLITHIC CURB
AND SIDEWALK

(NTS)

| WESTECH ENG. | DETAIL NO. |
|---|---|
| | 2112 |

WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com

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ARCHITECTURE • INTERIOR DESIGN
3095 RIVER RD N, SALEM, OREGON 97303
WWW.CARLSONVEIT.COM • 503-390-0281

REGISTERED PROFESSIONAL ENGINEER
OREGON
NOV. 12, 2008
WILLIAM J. WELLS
REVIEW
RENEWS: 6/30/2022

BID SET

project:
SKSD LANCASTER PROFESSIONAL CENTER
2018 BOND: CONSTRUCTION, RENOVATION, REPAIR
2021 RENOVATION AND REPAIR PROJECTS
2450 LANCASTER DRIVE NE, SALEM, OREGON 97305
consultants:

revisions:

date: 04-01-2021
project: 05420
dwg file: A-101-X-05420
drawn by: IH
checked by: JW



CONSTRUCTION DETAILS

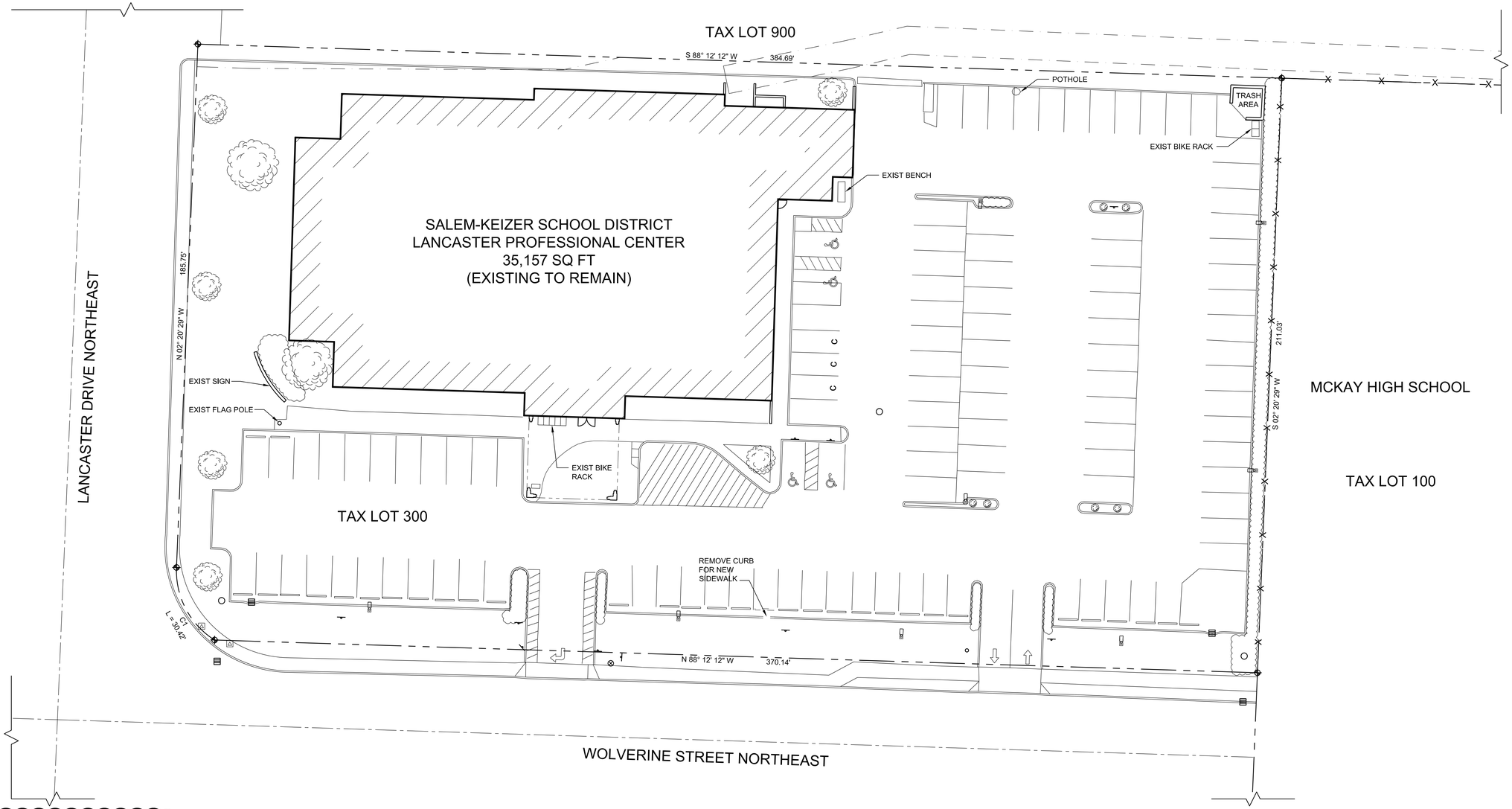
sheet: C4.0
of:

## 4 EXISTING SITE SUMMARY

MAP 07 2W 18CD
LOT 300 AREA: 81,022 SF, 1.86 AC

PARKING SUMMARY
EXISTING PARKING:

| | |
|---|---|
| ACCESSIBLE SPACES | = 4 |
| STANDARD SPACES | = 109 |
| TOTAL PARKING SHOWN | = 113 |




4 2 1 EXISTING SITE PLAN
1" = 20'-0"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REGISTERED ARCHITECT
ANGELA M. FLORES
SALEM, OREGON
STATE OF OREGON

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2 06-10-2021 ADDENDUM #1
4 09-17-21 SPR REVISIONS

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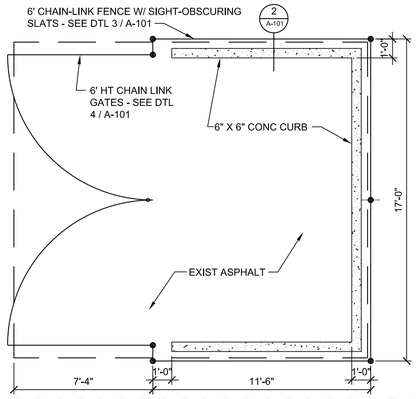
dwg file: A-101-X-05420
drawn by: KG
checked by: AMF



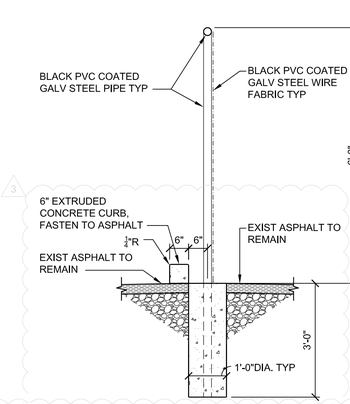
EXISTING SITE PLAN

sheet: A-100
of:



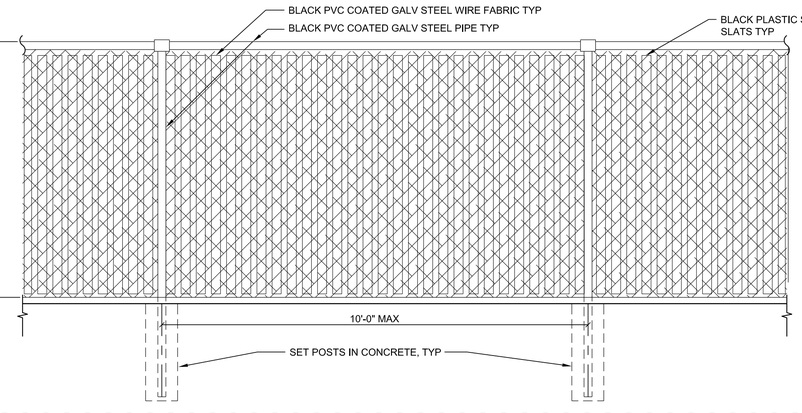

## 1 TRASH ENCLOSURE PLAN

1/4" = 1'-0"



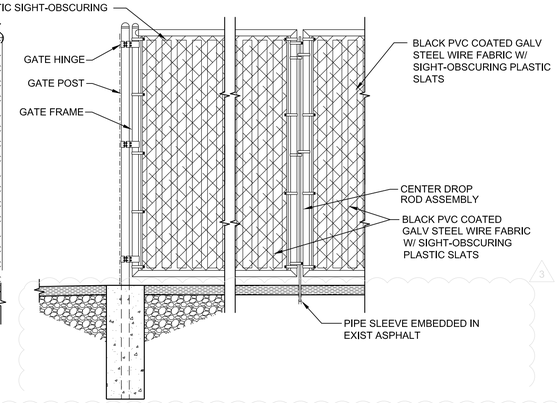

## 2 TRASH ENCLOSURE SECTION

1/2" = 1'-0"



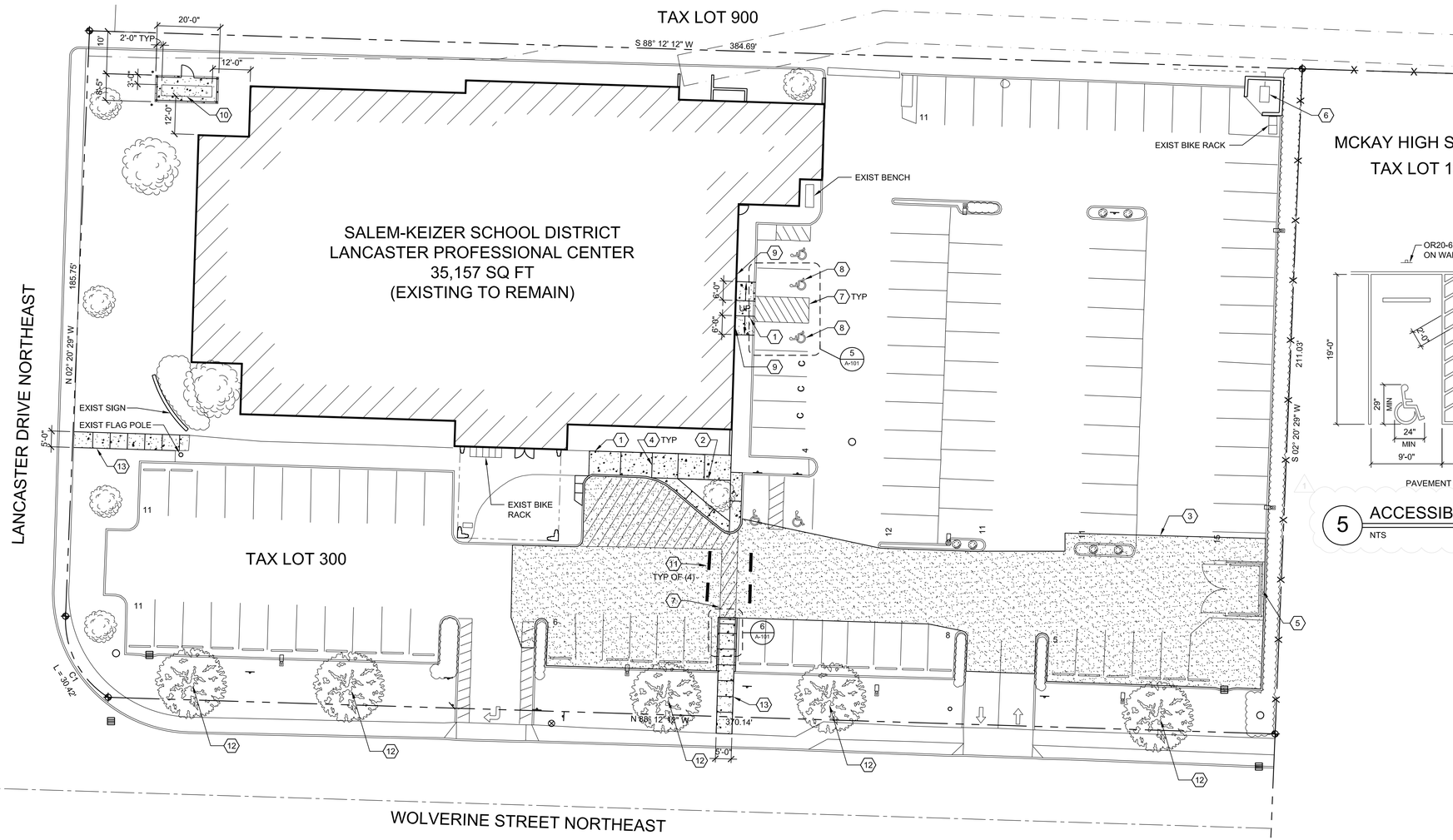

## 3 FENCE ELEVATION

1/2" = 1'-0"



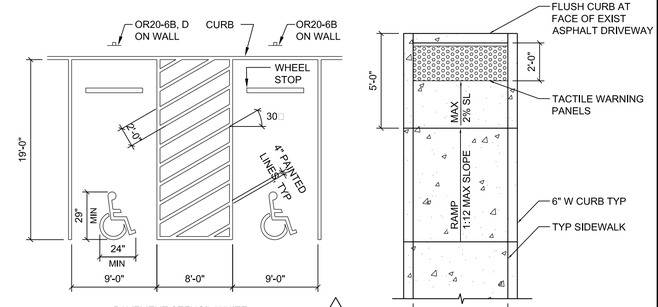

## 4 TYP SWING GATE ELEVATION

1/2" = 1'-0"




## SITE PLAN - NEW WORK

1" = 20'-0"




## 5 ACCESSIBLE STRIPING

NTS




## 6 CURB RAMP DTL

1/4" = 1'-0"

## CONSTRUCTION NOTES

1. REMOVE & REPLACE PORTION OF CONCRETE WALK & CURB, PROVIDE EXPANSION JOINT WHERE NEW CONC ABUTS EXIST CONC
2. REMOVE & REPLACE EXIST TREE & LANDSCAPE BED W/ LIKE MATERIALS
3. ASPHALT PAVING INLAY & OVERALY, PROVIDE NEW STRIPING TO MATCH EXIST. PROTECT EXIST CURBS, UON. REMOVE & REINSTALL WHEEL STOPS
4. CONTROL JOINT
5. 6' HIGH CHAIN LINK FENCING TRASH ENCLOSURE W/ PRIVACY SLATS, SEE DTL 1 / A-101
6. EMERGENCY GENERATOR ON EXIST CONC PAD, PROVIDE 36" CLR ON ALL SIDES
7. 4" WIDE PAINTED STRIPE
8. PAINTED SYMBOL
9. ADA PARKING SIGN, MOUNT ON BUILDING
10. 1,000 GALLON PROPANE TANK ON 6" CONC PAD W/ #4 REBAR 18" OC EA WAY. PROVIDE FENCING ALL SIDES, 4' W GATE, SEE DTLS 3 & 4 / A-101. PROVIDE (2) BOLLARDS, SEE DTL 15 / A-501.
11. NEW SPEED BUMP
12. NEW SHADE TREE
13. NEW 5' W SIDEWALK

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3 06-18-2021 ADDENDUM #2
4 09-17-21 SPR REVISIONS

date: 04-01-2021
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dwg file: A-101-X-05420
drawn by: KG
checked by: AMF



SITE PLAN - NEW WORK

sheet: A-101
of: