DP NICOLI

WILSONVILLE, OR

NICOLI PACIFIC LLC.

OWNER

P.O. BOX 2401 LAKE OSWEGO, OR 97035 (T): (503) 209-6970 CONTACT: DAVID NICOLI, GREG PARSONS

CIDA, INC.

ARCHITECT/ STRUCTURAL

15895 SW 72ND AVE, SUITE 200 PORTLAND, OREGON 97224 (T): (503) 226-1285 (F): (503) 226-1670 CONTACT: GAVIN RUSSELL, TARA LUND

AAI ENGINEERING

CIVIL

4875 SW GRIFFITH DR, SUITE 300 BEAVERTON, OREGON 97005 (T): (503) 620-3030 CONTACT: CRAIG HARRIS

AURORA LANDSCAPE

LANDSCAPE

22333 BOONES FERRY RD AURORA, OREGON 97002 (T): (503) 678-1234 CONTACT: DAVID ANDERSON

WALEN CONSTRUCTION

CONTRACTOR

CCB #:223805

9740 SW WILSONVILLE RD, SUITE 230 WILSONVILLE, OR 97070 (T): (503) 718-6680 CONTACT: DAVID WALES

AMERICAN BUILDINGS COMPANY

METAL BUILDING CONTRACTOR

2260 TENAYA DRIVE MODESTO, CA 95354 (T): (503) 236-0580

PROJECT DESCRIPTION

THE DEVELOPMENT CONSISTS OF ONE 11,400 SF METAL BUILDING W/1,800 SF MEZZANINE. USES INCLUDE OFFICE, WAREHOUSE AND MINOR INDUSTRIAL FABRICATION. THE SITE WILL CONTAIN AN APPROXIMATELY 52,700 SF OPEN STORAGE YARD, AS WELL AS THE REQUIRED PARKING AND LANDSCAPING.

ZONING CODE INFORMATION

ZONE: SITE AREA: 101,225 SQUARE FEET (2.32 ACRES)

BUILDING CODE INFORMATION

DESIGN CODE: 2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) OCCUPANCY: B,S-2 F-2 (NON-SEPARATED)

BUILDING CONSTRUCTION TYPE: V-B (SPRINKLERED)

DEFERRED SUBMITTALS

ELECTRICAL **MECHANICAL** PLUMBING FIRE SPRINKLERS & ALARM OVERHEAD CRANE

*ALL DEFERRED SUBMITTALS TO BE REVIEWED BY ARCHITECT PRIOR TO SUBMITTAL

*THE DEFERRED SUBMITTAL SHALL BE SUBMITTED IN A TIMELY MANNER.

*THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

*DESIGN-BUILD CONTRACTOR SHALL COMPLETE, AS NECESSARY, REQUIRED PORTIONS OF THE OREGON ENERGY COMPLIANCE







RELEASES

SHEET REVISED THIS RELEASE

ESC I.0 EROSION AND SEDIMENT CONTROL COVER SHEET

ESC3.0 UTILITY, PAVING, AND FINAL STABILIZATION

ESC4.0 EROSION AND SEDIMENT CONTROL DETAILS

ESC2.0 CLEARING, DEMOLITION, EROSION AND SEDIMENT CONTROL

GENERAL

CIVIL- ON SITE

I.0 HARDSCAPE PLAN

CIVIL-OFF SITE

R0.3 EXISTING CONDITIONS

R0.4 DEMOLITION PLAN

LANDSCAPE

L1.03 LANDSCAPE PLAN

A0.3 SITE DETAILS
A0.4 SITE LIGHTING PLAN

A I. I FLOOR PLAN

A0.5 SITE CIRCULATION PLAN

A1.2 REFLECTED CEILING PLAN

A5.1 DOOR SCHEDULE & DETAILS

A6.1 STOREFRONT TYPES & DETAILS

S2.2 ENTRY FOUNDATION DETAILS S3.1 MEZZANINE FRAMING DETAILS

A8.1 ENLARGED PLANS & INTERIOR ELEVATIONS

PRE ENGINEERED METAL BUILDING

A3.1 BUILDING SECTIONS

A4.2 WALL SECTIONS

STRUCTURAL

S3.2 FRAMING DETAILS

ARCHITECTURAL

R2.0 SW BOBERG RD DRIVEWAY DETAIL
R3.0 DETAILS
R3.1 DETAILS

RI.O COMPOSITE SITE PLAN

RI.I SW BOBERG RD PLAN AND PROFILE

C2.0 GRADING PLAN

o SHEET RELEASED BUT NOT REVISED THIS RELEASE

PRELIMINARY NOT FOR

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PORTLAND, OREGON 9722 T E L: 5 0 3 . 2 2 6 . I 2 8 W W W . C I D A I N C . C O

BOBERG

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- CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
- 2. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL AND VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
- 3. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
- 4. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
- 5. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
- 6. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2017 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF WILSONVILLE.
- 7. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
- 8. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
- 9. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF AAI ENGINEERING, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- 10. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
- 11. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO CITY OF WILSONVILLE FOR MINIMUM EROSION CONTROL MEASURES. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
- 13. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO CITY OF WILSONVILLE FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.
- 15. NOTIFY CITY INSPECTOR 72 HOURS BEFORE STARTING WORK. A PRECONSTRUCTION MEETING WITH THE OWNER, THE OWNER'S ENGINEER, CONTRACTOR AND THE CITY REPRESENTATIVE SHALL BE REQUIRED.
- 16. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
- 17. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24—HOUR NOTICE IS REQUIRED.
- 18. EXISTING SURVEY MONUMENTS ARE TO BE PROTECTED DURING CONSTRUCTION OR REPLACED IN ACCORDANCE WITH OREGON REVISED STATUTES 209.140 209.155.

CONSTRUCTION NOTES

DEMOLITION

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

UTILITIES

 ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.

2. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER,

- TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.

 3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE
- INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.
- 4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

STORM AND SANITARY

- CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
- 2. BEGIN LAYING STORM DRAIN AND SANITARY SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM AND SANITARY SEWER PIPE USING A LASER.
- 3. ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 2 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.

WATER

- 1. ALL WATER PIPE SHALL HAVE A MINIMUM 36-INCH COVER TO THE FINISH GRADE.
- ALL WATER FITTINGS SHALL BE PROPERLY RESTRAINED WITH MECHANICAL RESTRAINTS.
- . ALL WATER MAIN / SANITARY SEWER CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT REGULATIONS, CHAPTER 333.

<u>EARTHWORKS</u>

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

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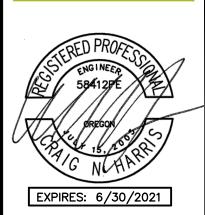
1. SEE ARCHITECTURAL PLANS FOR SIDEWALK FINISHING AND SCORING PATTERNS.

MATERIAL NOTES

- 1. GENERAL: MATERIALS SHALL BE NEW. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, AND USEFULNESS. PROPOSED SUBSTITUTIONS WILL REQUIRE WRITTEN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
- 2. STORM AND SANITARY SEWER PIPING SHALL BE PVC PIPE AS INDICATED IN THE PLANS. PIPES WITH LESS THAN 2' OF COVER SHALL BE C900/C905 PVC, HDPE OR DUCTILE IRON PIPE.
- 3. PRIVATE WATER LINES 3-INCH DIAMETER AND SMALLER SHALL BE TYPE K COPPER OR PVC; AS INDICATED IN THE PLANS.
- 4. CONCRETE FOR CURBS, SIDEWALK AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

SEPARATION STATEMENT

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



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/11/20 CITY RESUBMITTAL
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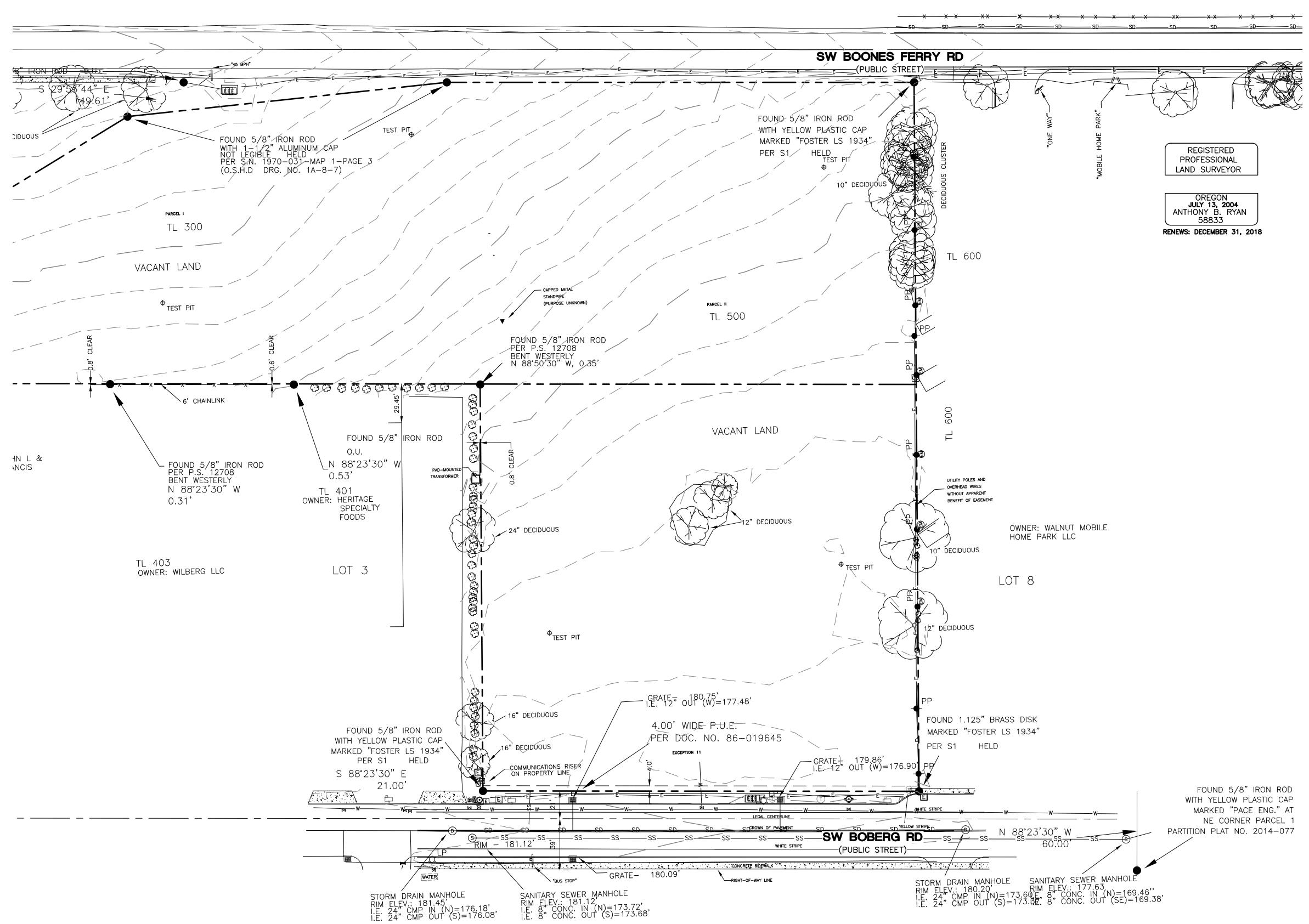
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PRIVATE GENERAL NOTES

JOB NO. 180146.03

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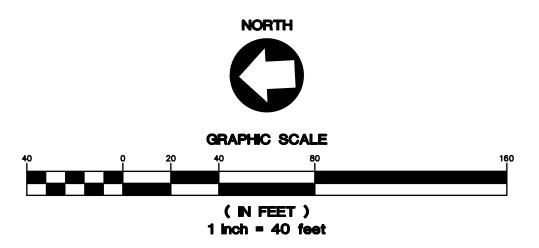


- 1 THE BASIS OF BEARING FOR THIS SURVEY IS PER SURVEY NO. SN2015—164, CLACKAMAS COUNTY RECORDS. THIS IS NOT A RECORDABLE SURVEY.
- 2 UNDERGROUND UTILITIES ARE SHOWN PER SURFACE MARKINGS AND AS-BUILT INFORMATION PROVIDED BY THE CONTROLLING JURISDICTIONS. THE SURVEYOR MAKES NO GUARANTEE AS TO THE EXACT LOCATION, EXISTENCE, NON-EXISTENCE OR COMPLETENESS OF ANY SUBSURFACE UTILITIES SHOWN, OR NOT SHOWN ON THE MAP. CALL 811 BEFORE DIGGING.
- 3 THE BENCHMARK USED FOR THIS SURVEY IS AN OPUS GPS DERIVED ELEVATION ON A NAIL NEAR THE NW PROPERTY CORNER. ELEVATION: 181.11' (NAVD 88)

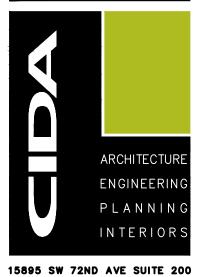
WATER LINE

CONCRETE

BOLLARD	•
CABLE TELEVISION VAULT	₩
COLUMN	•
COMMUNICATIONS RISER	(T)
CURB INLET	
DECIDUOUS TREE	
FIRE HYDRANT	•
FOUND MONUMENT AS NOTED	
GPS OCCUPATION	•
MAILBOX	
GAS VALVE	⊢ I D
LIGHT POLE	$\phi_{\scriptscriptstyle DD}^{\scriptscriptstyle DD}$
POWER POLE	-
POWER METER	EM
POWER PANEL	
POWER VAULT	E
PUBLIC UTILITY EASEMENT	P.U.E.
SANITARY SEWER MANHOLE	(S)
SHRUB	(م ^ر بع) ال
SIGN AS INDICATED	4
STORM SEWER MANHOLE	D
TELEPHONE MANHOLE	T
TEST PIT	+
TRANSFORMER	
UTILITY VAULT WATER METER	W
WATER METER WATER VALVE	w M
WATER VALVE	WATER
BUILDING	
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GAS LINE	
OVERHEAD POWER	——Е——Е
SANITARY SEWER	SSSS
STORM SEWER	————SD ————SD
UNDERGROUND TELEVISION	
WATED LINE	w



AAI alphan associator, inc. [™]ENGINEERING 4875 SW Griffith Drive | Suite 300 | Beaverton, OR | 97005 503.620.3030 tel. | 503.620.5539 fax | www.aaieng.com Project No. A18234.11



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BOBERG RD E, OR 97070

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EXISTING CONDITIONS

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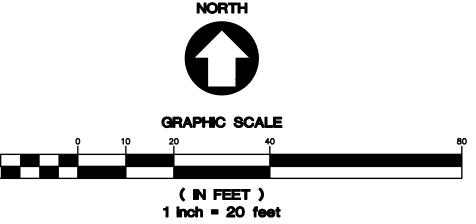
- 1. SEE SHEET CO.1 FOR GENERAL SHEET NOTES.
- 2. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
- 3. REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS AS REQUIRED IN THE SPECIFICATIONS.
- 4. ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY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

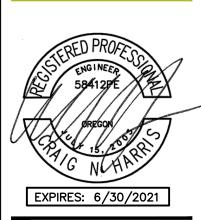
PROTECTION NOTES

- 1 PROTECT EXISTING TREE
- 2 TREE PROTECTION FENCING TO BE INSTALL, SEE LANDSCAPE SHEET L1.04 FOR MORE DETAILS

X DEMOLITION NOTES

1 REMOVE EXISTING TREES





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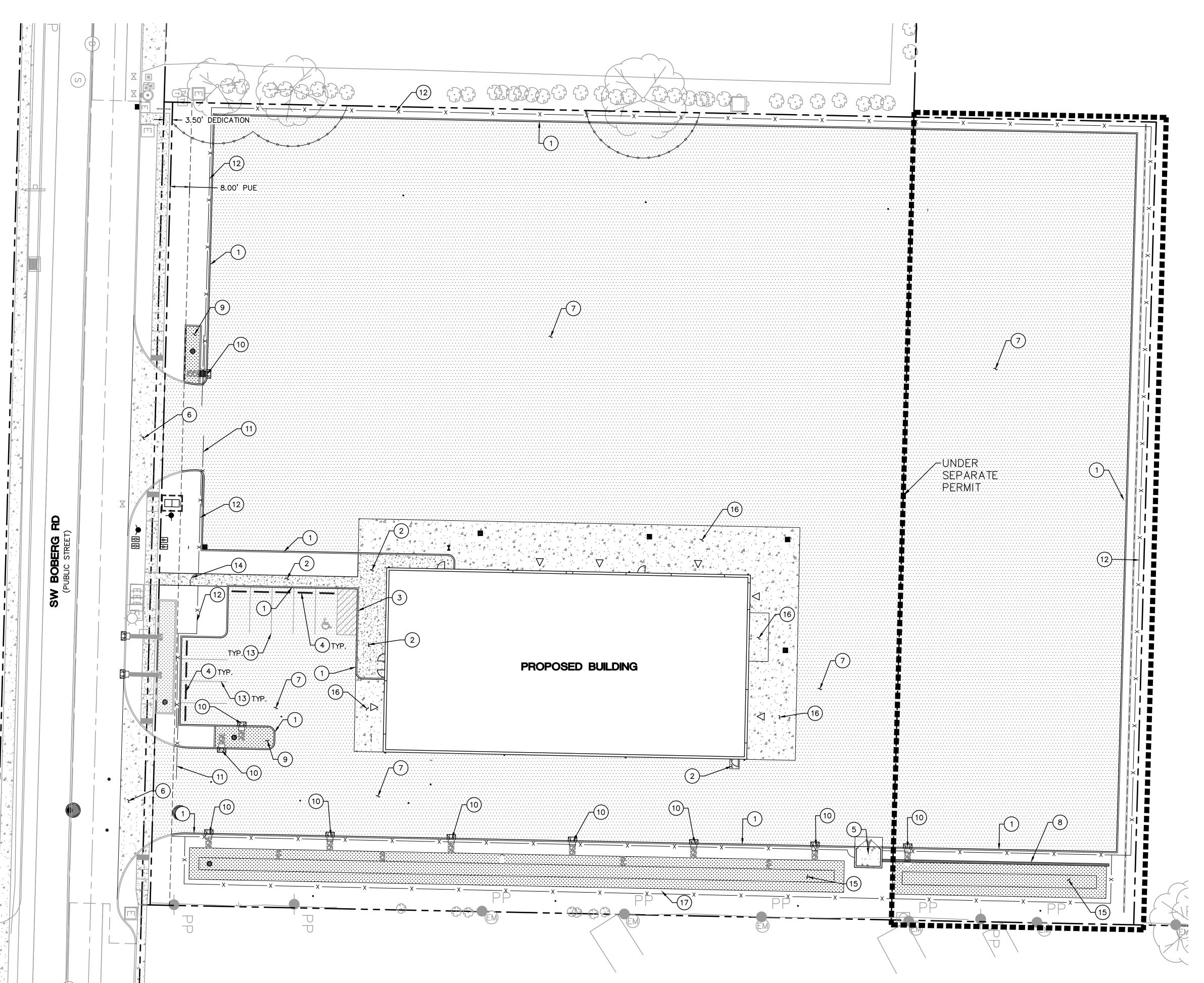
FAX: 503.226.1670 W W W . C I D A I N C . C O M

CONSTRUCTION FOR: **ZOO**SW BOBERG RD

28370 SW WILSONVILLE

PRIVATE DEMOLITION PLAN CO. 3

JOB NO. 180146.03



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

(X) CONSTRUCTION NOTES

- 1 INSTALL PRIVATE CURB PER DETAIL 1/C4.0
- 2 INSTALL PRIVATE SIDEWALK PER DETAIL 2/C4.0
- 3 INSTALL ADA RAMP PER DETAIL 2/C4.0
- 4 INSTALL WHEELSTOP PER DETAIL 3/C4.0
- 5 INSTALL TRASH ENCLOSURE, SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION
- 6 INSTALL DRIVEWAY, UNDER CURRENT PW PERMIT
- 7 INSTALL ASPHALT SURFACING PER DETAIL 4/C4.0
- 8 INSTALL WALL, DESIGN BY OTHERS
- 9 INSTALL STORMWATER FILTRATION PLANTER. SEE SHEET C3.0 FOR ADDITIONAL INFORMATION
- 10 INSTALL CURB INLETS, UNDER SEPARATE PERMIT
- 11 INSTALL GATE, SEE ARCHITECTURAL PLANS FOR
- ADDITIONAL INFORMATION

 12 INSTALL FENCE, SEE ARCHITECTURAL PLANS FOR
- ADDITIONAL INFORMATION

 13 INSTALL STRIPING. SEE ARCHITECTURAL PLANS FOR MORE INFORMATION
- 14 INSTALL MANDOOR, SEE ARCHITECTURAL PLANS FOR MORE
- INFORMATION

 15 INSTALL STORMWATER FILTRATION RAIN GARDEN, UNDER SEPARATE PERMIT
- 16 INSTALL CONCRETE SURFACING PER DETAIL 5/C4.0
- 17 INSTALL CMU WALL, DESIGN BY OTHERS

LEGEND

PROPERTY LINE

CONCRETE SIDEWALK
SURFACING

CONCRETE SIDEWALK
SURFACING

ASPHALT SURFACING

TREE PROTECTION

-0--0--0--0--0--0--0--0--0--0--

GRAPHIC SCALE

(IN FEET)
1 inch = 20 feet

PRIVATE
HARDSCAPE
PLAN
C1.0

JOB NO. 180146.03

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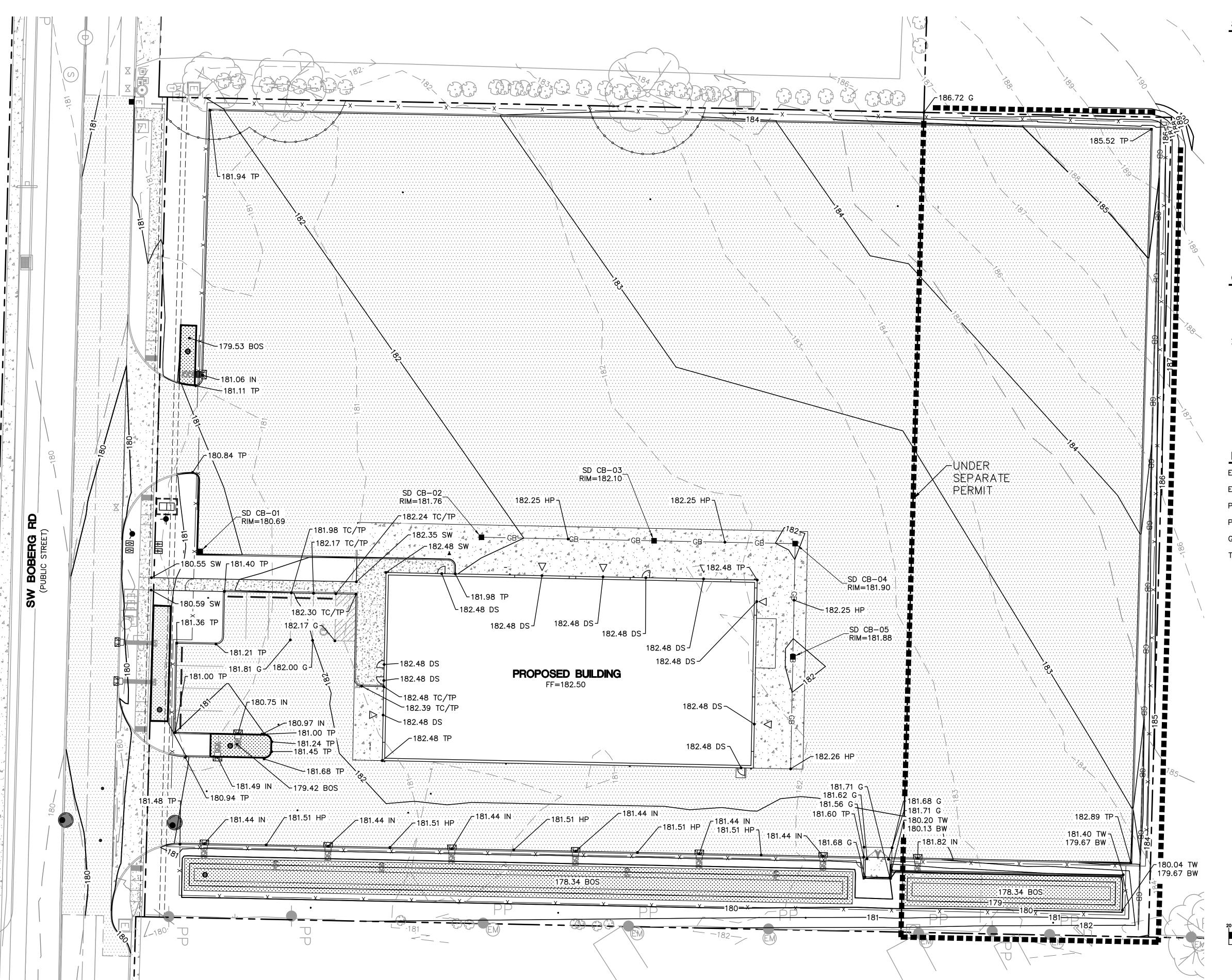
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FUCTION FOR:

BOBERG RD

C. OR 97070

28370 SW BC WILSONVILLE, (



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

GRADING LABEL LEGEND

CALLOUT		<u>DESCRIPTION</u> - SPOT ELEVATION
		- DESCRIPTION LISTED BELOW.
XX.XX	BOS BW DS FG HP TC TOS TP TW	BOTTOM OF SWALE FG AT BOTTOM OF WALL DOOR SILL FINISHED GRADE HIGH POINT TOP OF CURB TOP OF SWALE TOP OF PAVEMENT FG AT TOP OF WALL FG AT INI FT

LEGEND

EXISTING CONTOUR MINOR		-102 <i></i>
EXISTING CONTOUR MAJOR		-100
PROPOSED CONTOUR MINOR		- 102
PROPOSED CONTOUR MAJOR		- 100
GRADE BREAK	——— GB——	GB
TREE PROTECTION	-0-0-0-0-0	oooo

(IN FEET)
1 inch = 20 feet



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15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224 TEL: 503.226.1285 FAX: 503.226.1670 W W W . C I D A I N C . C O M

> 97070 BOBERG

28370 WILSON

PRIVATE **GRADING PLAN**

JOB NO. 180146.03

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

LABEL LEGEND

PIPE LABELS

— UTILITY LENGTH — UTILITY SIZE — UTILITY TYPE

XXLF - XX" XX

S=X.XX%

SLOPE (WHERE APPLICABLE)

STRUCTURE LABELS

- UTILITY TYPE (FP=FIRE PROTECTION, S=SANITARY, W=WATER) - ID NUMBER (WHERE APPLICABLE)

XX XX - XXRIM = XX.XXIE IN=XX.X IE OUT=XX.X _

STRUCTURE INFO (WHERE APPLICABLE)

STRUCTURE TYPES

DESCRIPTION BACKFLOW PREVENTOR PER DETAIL 9/4.0 CATCH BASIN PER DETAIL OLDCASTLE/C4.0 FDC FIRE DEPARTMENT CONNECTION PER

DETAIL8/C4.0 FIRE HYDRANT, UNDER SEPARATE PERMIT FIRE VAULT PER DETAIL 7/C4.0

WATER METER, UNDER SEPARATE PERMIT

LEGEND

SANITARY SEWER LINE

WATER LINE FIRE LINE —— FP — FP — FP ——

SANITARY NOTES

STORM LINE TREE PROTECTION

CONNECT SANITARY SEWER TO BUILDING IE=176.32

.

- 2 CONNECT TO TEE AT EXISTING MAIN, UNDER SEPARATE PERMIT.
- 3 CONTRACTOR TO TIE INTO EXISTING SANITARY STUB. CONTRACTOR TO MATCH EXISTING PIPE SIZE AND RUN PIPE AT 2% TO EAST PROPERTY LINE. STUB INVERT 175.67, CONTRACTOR TO VERIFY.
- 4 CONTRACTOR TO LAY ONE STICK OF C900 ON CENTER AT WATER CROSSING

WATER NOTES

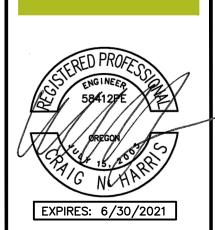
- 1 TAP WATER MAIN FOR DOMESTIC WATER SERVICE, UNDER SEPARATE PERMIT
- 2 TAP EXISTING LATERAL FOR FIRE SERVICE
- 3 POINT OF CONNECTION FOR DOMESTIC WATER SERVICE
- 4 POINT OF CONNECTION FOR FIRE SERVICE
- 5 POINT OF CONNECTION FOR FDC
- 6 CONTRACTOR TO RUN FIRE SERVICE STUB TO ADJACENT PROPERTY
- 7 INSTALL 1½" IRRIGATION BACKFLOW AND STUB
- 8 TAP WATER MAIN FOR IRRIGATION SYSTEM, UNDER SEPARATE PERMIT

STORM NOTES

(IN FEET)

1 inch = 20 feet

- INSTALL FILTRATION RAIN GARDEN, UNDER SEPARATE
- 2 INSTALL FILTRATION PLANTER, UNDER SEPARATE PERMIT
- 3 INSTALL FRENCH DRAIN PER DETAIL 10/C4.0



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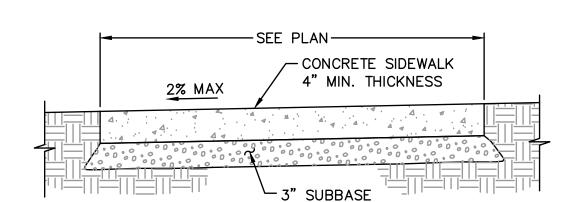
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PRIVATE UTILITY PLAN

JOB NO. 180146.03 (C) 2020 CIDA, P.C./CIDA ALL RIGHTS RESERVED

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

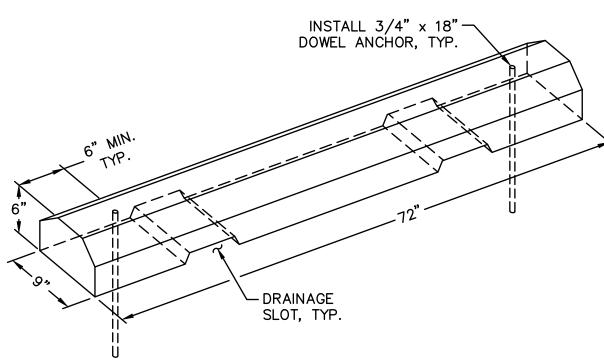
CONCRETE CURB - STANDARD (PRIVATE) SCALE: NTS



COURSE

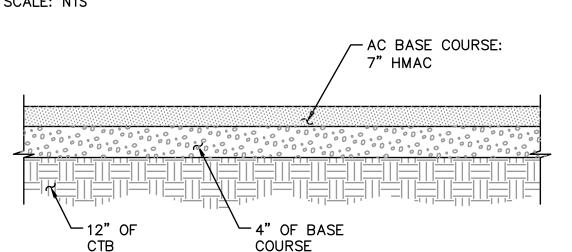
- CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING, AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY, UNLESS NOTED OTHERWISE.
- CONCRETE SHALL BE 3000 P.S.I AT 28 DAYS, 6 SACK MIX, SLUMP RANGE OF 1-1/2" TO 3".
- 3. PANELS SHALL BE 5 FEET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

CONCRETE SIDEWALK (PRIVATE)



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

PRECAST CONCRETE WHEEL STOP 3



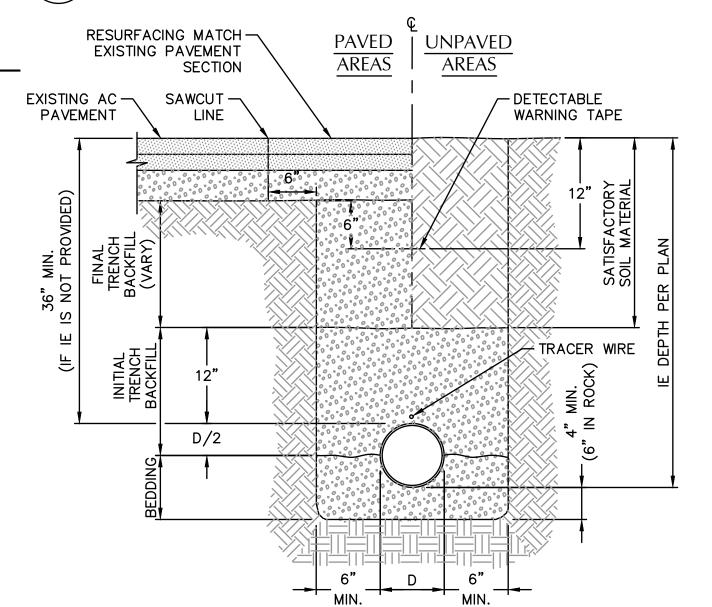
ASPHALT PAVEMENT SECTION (PRIVATE)

-11" THICK PORTLAND CEMENT CONCRETE AGGREGATE

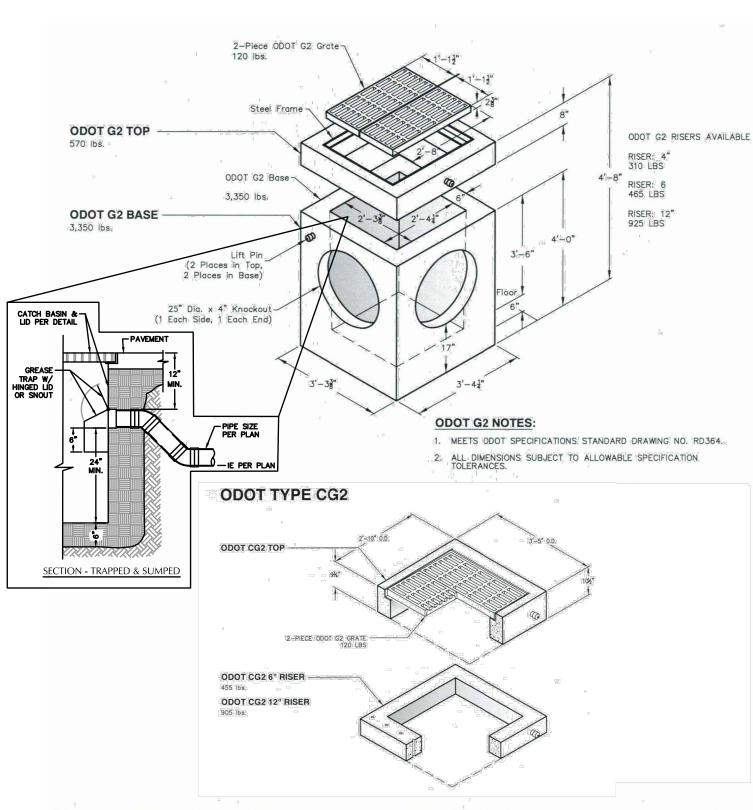
1. - CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. - CONSTRUCT EXPANSION JOINTS AT 200' MAX. SPACING AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY.

2. PROVIDE MEDIUM TO COARSE BROOM FINISH.

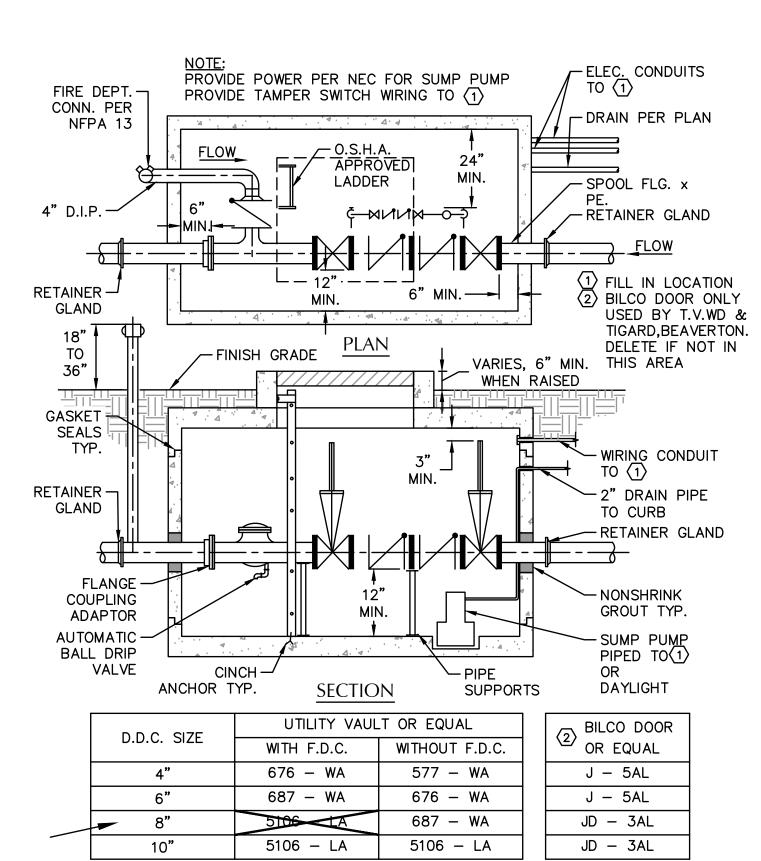
CONCRETE PAVEMENT SECTION (PRIVATE) SCALE: NTS



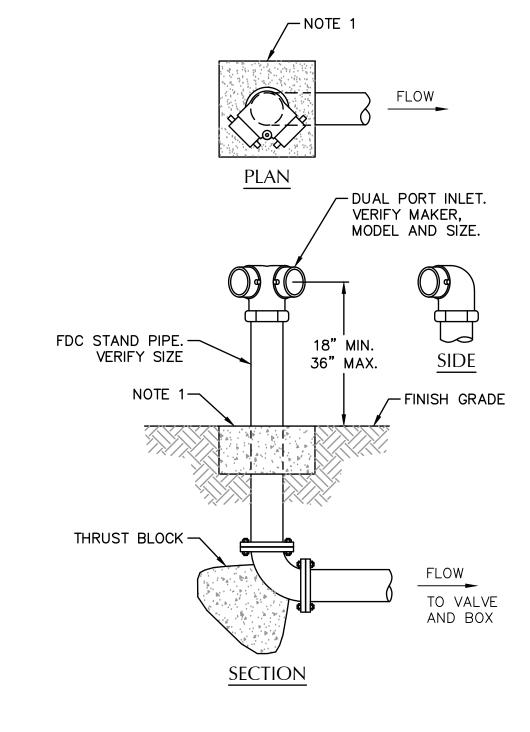
TYPICAL PIPE BEDDING AND BACKFILL (PRIVATE) SCALE: NTS



ODOT TYPE G2 Oldcastle Precast **ODOT TYPE G2** File Name: 020-TYPE G2-ODOT INLET PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657 oldcastleprecast.com/wilsonville



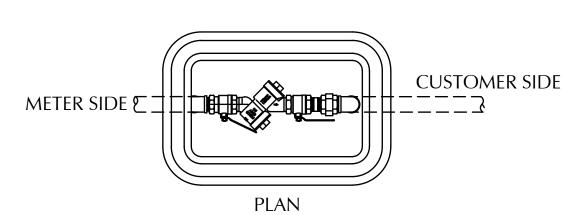
DOUBLE CHECK DETECTOR ASSEMBLY FIRE SERVICE VAULT W/ SUMP PUMP

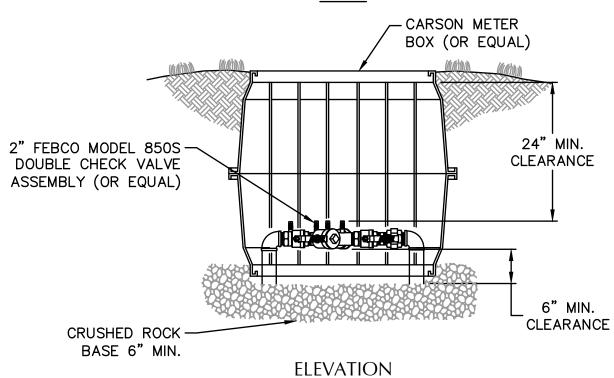


- 1. CONCRETE ANCHOR PAD TO BE 12"x12"x6" THICK, UNLESS NOTED OTHERWISE. ELIMINATE IF INSTALLED IN CONCRETE PAVED AREA.
- 2. USE FLANGE OR THREADED FITTINGS.
- 3. CONTRACTOR SHALL PROVIDE SINGLE CHECK VALVE AND BALL DRIP VALVE IN ACCESSIBLE LOCATION INSIDE DDCV VAULT. COORDINATE WITH PLUMBING.

FIRE DEPARTMENT CONNECTION (FDC) **DUAL PORT**

SCALE: NTS

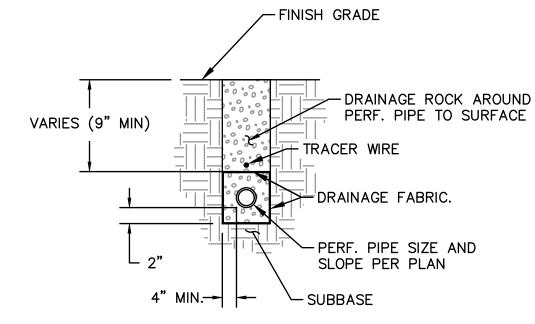




INSTALLATION SHOWN IS ONLY A SUGGESTION. THE DISTANCE FROM BOTTOM OF DEVICE TO FINISH GRADE, FREEZE PROTECTION, AND CLEARANCE FOR TESTING & REPAIR ARE THE MAJOR CONSIDERATIONS FOR INSTALLATION. PLUGS TO BE INSTALLED IN TEST COCKS OF BELOW GROUND INSTALLATIONS (NO DISSIMILAR METALS). IF FREEZE PROTECTION IS PROVIDED, THE 24" MIN CLEARANCE MAY BE

DOUBLE CHECK BACKFLOW ASSEMBLY

SCALE: NTS



NOTE:

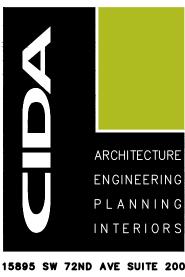
1. CROSS CONNECT DRAIN PIPE TRACER WIRE TO FORM SINGLE CIRCUIT.

2. DRAINAGE FABRIC SHALL BE INSTALLED TO WRAP BACKFILL AREA INDICATED WITH 6" OF OVERLAP AT SEAMS.

PERFORATED DRAIN PIPE

EXPIRES: 6/30/2021

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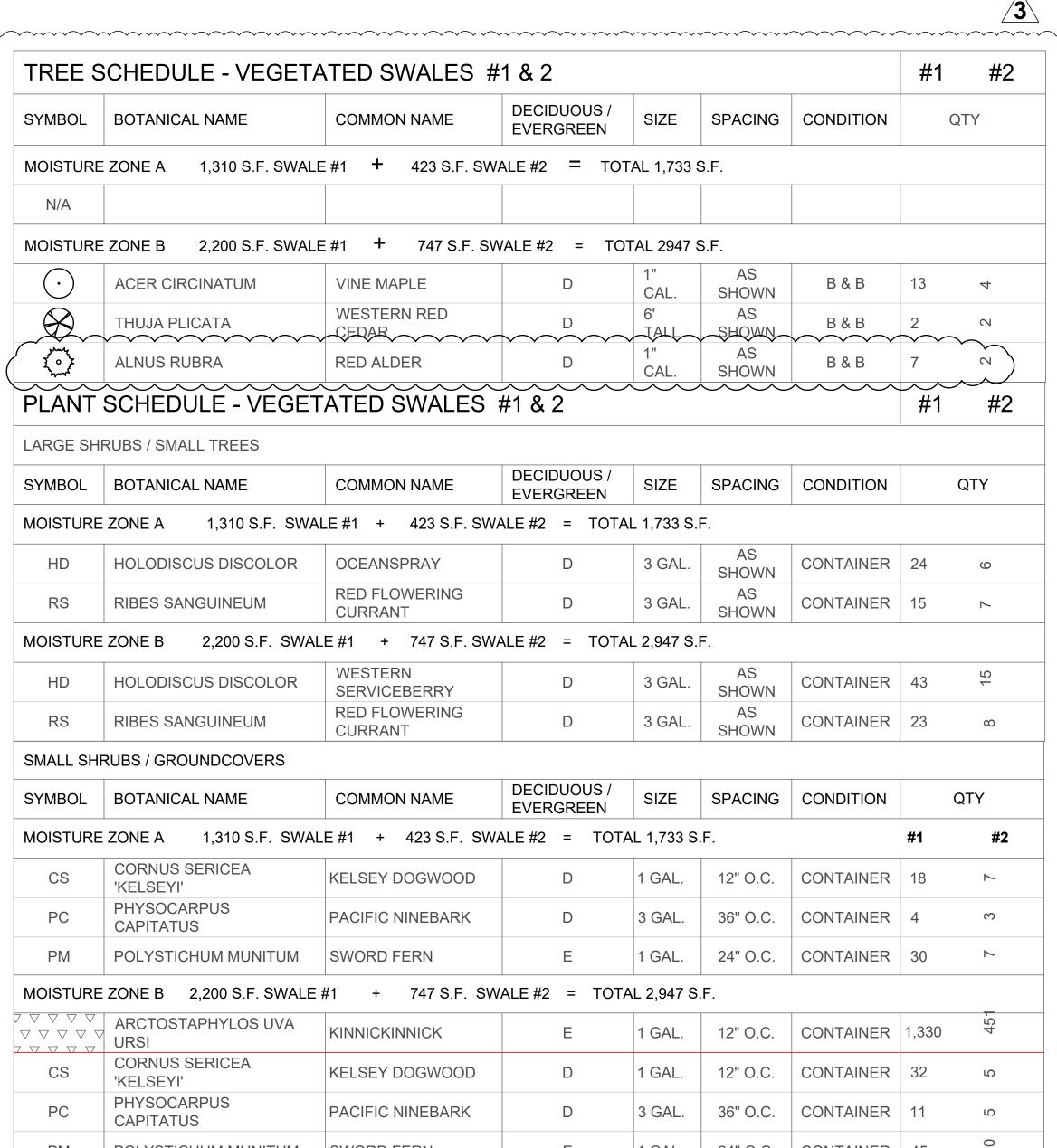
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PRIVATE DETAILS

JOB NO. 180146.03

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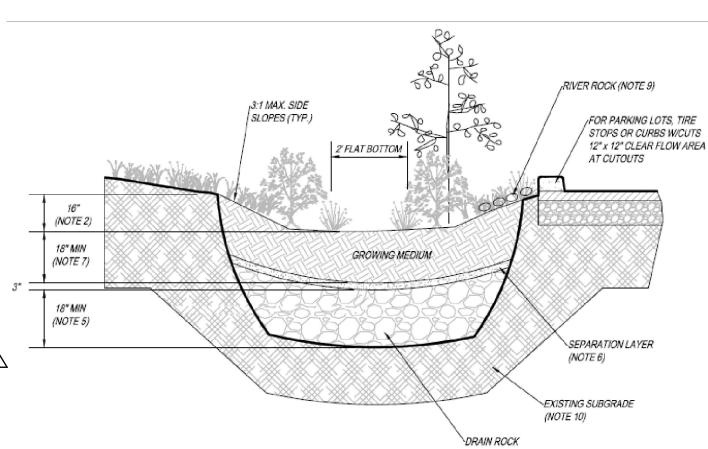
	10	CAPITATUS	I ACII IC MINEBARK	D	J OAL.	30 0.0.	CONTAINER	11	4,
	PM	POLYSTICHUM MUNITUM	SWORD FERN	Е	1 GAL.	24" O.C.	CONTAINER	45	20
HERBACEOUS GROUNDCOVER PLANTS									
SYMBOL BOTANICAL NAME		BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN			CONDITION	QTY	
	MOISTURE ZONE A 1,310 S.F. SWALE #1 + 423 S.F. SWALE #2 = TOTAL 1,733 S.F. #							#1	#2
		CAREX OBNUPTA	SLOUGH SEDGE	Е	1 GAL.	12" O.C.	CONTAINER	1,507	487
	MOISTURE ZONE B 2,200 S.F. SWALE #1 + 747 S.F. SWALE #2 + TOTAL 2,947 S.F.								
		JUNCUS PATENS	SPREADING RUSH	Е	1 GAL.	12" O.C.	CONTAINER	1200	860
. '					1	1			

VEGETATED SWALES PLANTING REQUIREMENTS	#1	#2	#1	#2
LANDSCAPE REQUIREMENT	QTY. REQUI	RED	QTY. F	ROVIDED
STORMWATER FACILITY REQUIREMENTS PER 100 S.F. OF FACILITY AREA (ZONE A) - 1,733 S.F. TOTAL				
(3) LARGE SHRUBS / SMALL TREES	39	13	39	13
(4) SMALL SHRUBS	52	17	52	17
(115) GROUNDCOVER PLANTS	1,507	487	1,507	487
STORMWATER FACILITY REQUIREMENTS PER 100 S.F. OF FACILITY AREA (ZONE B) - 2,947 S.F. TOTAL				
(1) TREE	22	22	8	8
(3) LARGE SHRUBS / SMALL TREES	66	66	23	23
(4) SMALL SHRUBS	88	88	30	30
(115) GROUNDCOVER PLANTS	2,530	2,530	860	860

PLANT	PLANT SCHEDULE - STORMWATER PLANTER #1								
SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY		
LARGE SHRUBS/SMALL TREES (MOISTURE ZONE A:135 S.F.)									
SD SPIREA DOUGLASII DOUGLAS SPIREA D 3 GAL. AS SHOWN CONTAINER 4									
SMALL SHI	RUBS / HERBACEOUS PLANTS	(MOISTURE ZONE A:135	5 S.F.)				~~		
CS	CORNUS SERICEA 'KELSEYI'	KELSEY DOGWOOD	D	1 GAL.	12" O.C.	CONTAINER	5		
	JUNCUS PATENS	SPREADING RUSH	Е	1 GAL.	12" O.C.	CONTAINER	155		

PLANT SCHEDULE - STORMWATER PLANTER #2								
SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY	
LARGE SHRUBS/SMALL TREES (MOISTURE ZONE A:190 S.F.)								
SD SPIREA DOUGLASII DOUGLAS SPIREA D 3 GAL. AS SHOWN CONTAINER 6								
SMALL SHF	RUBS / HERBACEOUS PLANTS	(MOISTURE ZONE A:190	S.F.)	V V V	* * * *	* * * *		
CS	CORNUS SERICEA 'KELSEYI'	KELSEY DOGWOOD	D	1 GAL.	12" O.C.	CONTAINER	8	
	JUNCUS PATENS	SPREADING RUSH	Е	1 GAL.	12" O.C.	CONTAINER	218	

SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY
LARGE TR	EES (MOISTURE ZONE A: 30	0 S.F.)					
		V V V V	V V V	<u> </u>	V V V	V V V	V V
LARGE SH	IRUBS/SMALL TREES (MOIST	TURE ZONE A: 300 S.F.)					
SD	SPIREA DOUGLASII	DOUGLAS SPIREA	D	3 GAL.	AS SHOWN	CONTAINER	9
			$\top \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$				
SMALL SH	RUBS / HERBACEOUS PLAN	TS (MOISTURE ZONE A: 30	0 S.F.)				
SMALL SH	RUBS / HERBACEOUS PLAN' CORNUS SERICEA 'KELSEYI'	TS (MOISTURE ZONE A: 30 KELSEY DOGWOOD	0 S.F.)	1 GAL.	12" O.C.	CONTAINER	12



01 STORMWATER PLANTING BED SOIL PREP

NOT TO SCALE

SECTION

RAIN GARDENS AND SWALES
(filtration & infiltration)

ZONE 8:

DRIER TRANSITIONAL AREA
ABOVE DESIGNED HIGH
WATER MARK

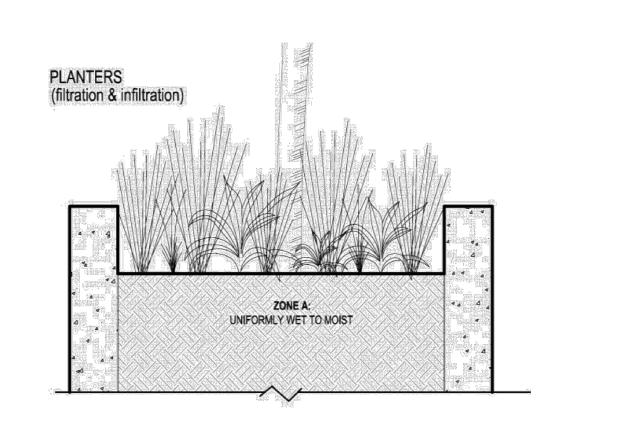
ZONE A:

UNIFORMLY WET TO MOIST
(BOTTOM OF FACILITY TO DESIGNED HIGH
WATER MARK)

2 VEGETATED SWALE PLANTING ZONES

NOT TO SCALE

SECTION



03 STORMWATER PLANTER PLANTING ZONES

NOT TO SCALE

SE

SECTION

DAVID ANDERSON OREGON



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DP NICOLI

STORMWATER PLANTING

REV DATE FILE

1 05/11/2020 CITY RESUBMITTAL
2 05/27/2020 CITY RESUBMITTAL
3 08/12/2020 CITY RESUBMITTAL

DRAWN BY:

JOB NO:

L1.01

06/15/2020

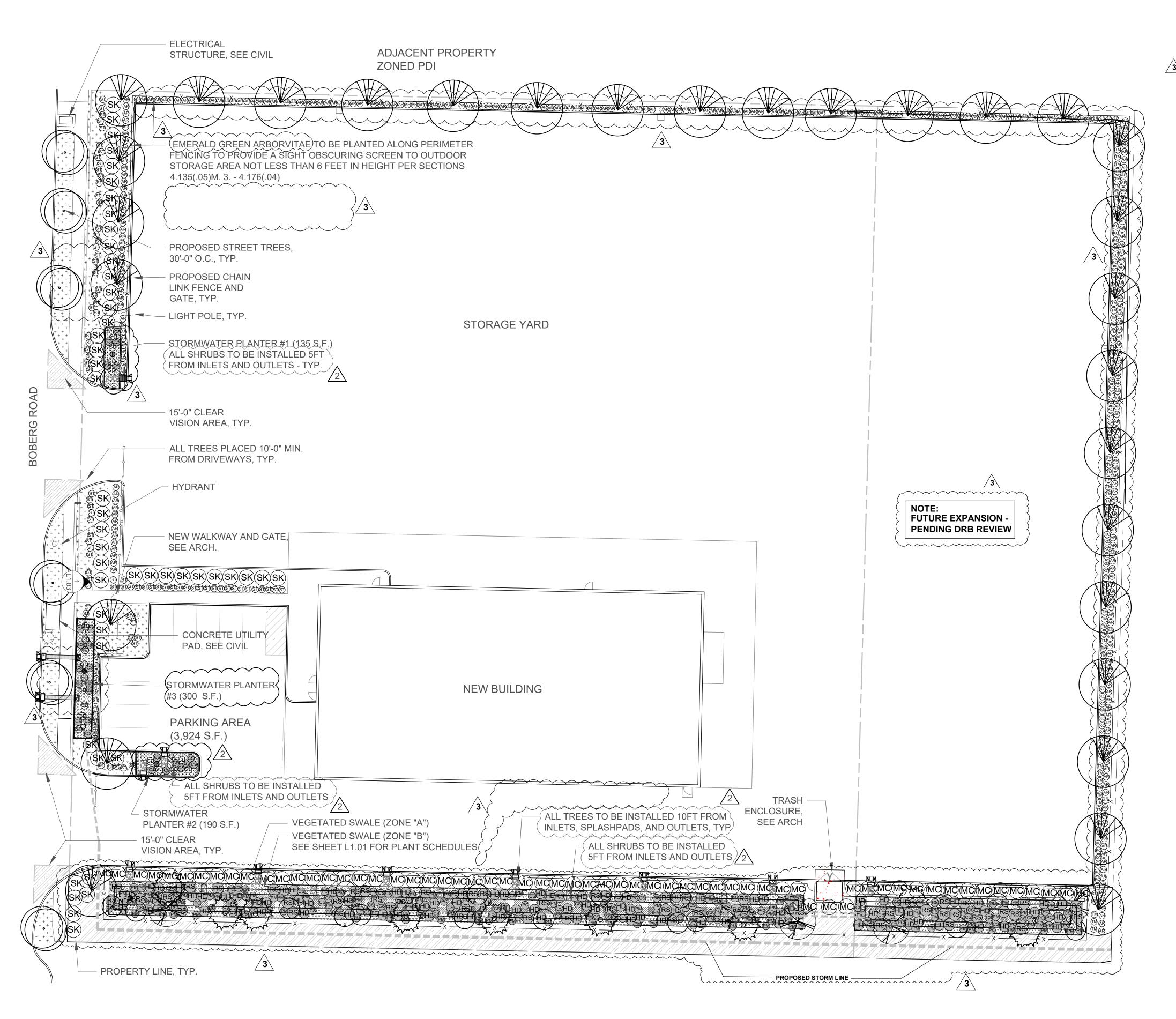
STORMWATER PLANTING SCHEDULE & DETAILS

STORMWATER FACILITY PLANTING NOTES

ALL PLANTS SELECTED FROM CITY OF WILSONVILLE'S STORMWATER FACILITY PLANT LISTS WITH A PRIORITY ON NATIVES AND EASE OF MAINTENANCE.

AT LEAST 50% OF PLANTINGS ARE EVERGREEN WITH AT LEAST 2 SPECIES CHOSEN FROM THE HERBACEOUS AND SMALL SHRUBS/GROUNDCOVER PLANT COMMUNITIES.

ALL PLANT MATERIALS SHALL BE INSTALLED TO CURRENT INDUSTRY STANDARDS AND SHALL BE PROPERLY STAKED TO ASSURE SURVIVAL. SUPPORT DEVICES SHALL NOT BE ALLOWED TO INTERFERE WITH NORMAL PEDESTRIAN OR VEHICULAR MOVEMENT.



01	LANDSCAPE PLAN	NORTH	
	1" = 20'-0"	0' 20' 40'	80

TREE S	CHEDULE	NON-S	TORMWATER

	SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY	
	\bigcirc	ACER RUBRUM 'COLUMNARE'	COLUMNAR RED MAPLE	D	2" CAL.	AS SHOWN	CONTAINER	6	
<u>3\</u> {		CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	D	2" CAL.	AS SHOWN	CONTAINER	30	
`								$\overline{}$	^



PLANT SCHEDULE | NON-STORMWATER

SHRUBS AND GRASSES

	SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY
{	AR	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE 3	E	3 GAL.	AS SHOWN	CONTAINER	282
	MC	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	E	5 GAL.	AS SHOWN	CONTAINER	63
	SK	EUONYMOUS JAPONICUS 'SILVER KING'	ŠILVĒR KINĞ EUONYMOUS	₇ E	5 GAL.	AS SHOWN	CONTAINER	47
	ST	STIPA TENUISSIMA	MEXICAN FEATHER GRASS	ORNAMENTAL	1 GAL.	AS SHOWN	CONTAINER	98
>	TM	TAXUS x MEDIA 'DARK GREEN SPREADER	DARK GREEN SPREADER YEW	Е	5 GAL	AS SHOWN	CONTAINER	53
	КО	ROSA 'KNOCK OUT' RED	RED KNOCK OUT ROSE	ORNAMENTAL	5 GAL	AS SHOWN	CONTAINER	53



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GROUNDO	UNDCOVERS						
SYMBOL	BOTANICAL NAME	COMMON NAME 3	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY
+ + + + + + + + + + + + + + + + + + + +	RUBUS CALYCINOIDES	CREEPING RASPBERRY	E	1 GAL.	30" O.C.	CONTAINER	480
	POLYSTICHUM MUNITUM	SWORD FERN	E	1 GAL.	36" O.C.	CONTAINER	420

NOTE: ALL PROPOSED SHRUBS AT FENCING AND WALL MEET 6' HIGH SCREEN REQUIREMENT.

LANDSCAPE CODE REQUIREMENTS FOR ZONE RA-H

PERIMETER LANDSCAPING

- PROPOSED SCREENING NORTH...... HIGH SCREEN: 6' HIGH SHRUB SCREEN, 90% OPAQUE YEAR-ROUND PROPOSED SCREENING WEST..... ...HIGH SCREEN: 6' HIGH SHRUB SCREEN, 90% OPAQUE YEAR-ROUND
- PROPOSED SCREENING SOUTH..HIGH SCREEN: 6' HIGH SHRUB SCREEN, 90% OPAQUE YEAR-ROUND PROPOSED SCREENING EAST... ...LOW SCREEN: 3' HIGH SHRUB SCREEN, 90% OPAQUE YEAR-ROUND
- HIGH SCREEN AT OUTDOOR STORAGE AREA.
- 1 TREE PER 30 LINEAR FEET IS REQUIRED ON ALL SIDES

MINIMUM LANDSCAPED AREA
MINIMUM LANDSCAPED AREA OVERALL SITE AREA
PARKING AREA 3,924 SF
REQUIRED 15% OF SITE 15,184 SF
REQUIRED 10% OF PARKING AREA
SITE LANDSCAPING PROVIDED (20 413 SE (15 2 %))

SITE LANDSCAPING PROVIDED... PARKING LOT LANDSCAPING PROVIDED...

TREE REQUIREMENT

REQUIRED TREE QTY. . 1 TREE PER 30 LINEAR FEET OF PERIMETER

GENERAL LANDSCAPING REQUIREMENT WHERE LANDSCAPED AREA IS LESS THAN 30'-0" DEEP OR GREATER (SOUTH) PROPERTY LINE) TOTAL LANDSCAPED AREA.

 REQUIRED TREE QTY... ..1 TREE REQ. FOR EVERY 800 S.F. (15 REQ., 30 PROVIDED)

...2 HIGH SHRUBS FOR EVERY 400 S.F. (60 REQ., 63 PROVIDED) REQUIRED SHRUB QTY...

PLANT SELECTION IS BASED ON EASE OF MAINTENANCE, WITH THE USE OF NATIVE PLANTS WHERE APPROPRIATE.

STREET TREE SPECIES CHOSEN FROM CITY OF WILSONVILLE LIST OF ENCOURAGED SPECIES PER SECTION 4.176 MUNICIPAL CODE. STREET TREE SIZING FOR "COLLECTOR STREET".

THIS PLAN ONLY INCLUDES TREES THAT WILL BE AFFECTED BY DEVELOPMENT. SEE ARBORIST REPORT FOR ADDITIONAL TREES OUTSIDE THE LIMIT OF DEVELOPMENT.

EVERGREEN LANDSCAPE BUFFERS WILL BE PROVIDED TO SCREEN VIEWS TO ADJACENT PROPERTIES AND PROVIDE A SENSE OF PRIVACY AND SECURITY WITHIN THE PROPERTY. ALL SHRUBS AND GROUNDCOVERS WILL BE OF SUFFICIENT SIZE AND NUMBER TO COVER AT LEAST 80% OF PLANTING

ALL PLANT MATERIALS SHALL BE INSTALLED TO CURRENT INDUSTRY STANDARDS AND SHALL BE PROPERLY STAKED TO ASSURE SURVIVAL. SUPPORT DEVICES SHALL NOT BE ALLOWED TO INTERFERE WITH NORMAL PEDESTRIAN OR VEHICULAR MOVEMENT.

NATIVE TOPSOIL SHALL BE PRESERVED AND REUSED TO THE EXTENT FEASIBLE. SURFACE MULCH TO BE FULLY RAKED INTO SOIL OF APPROPRIATE DEPTH, SUFFICIENT TO CONTROL EROSION, AND ARE CONFINED TO AREAS AROUND PLANTINGS.

IRRIGATION NOTES

AREAS WITHIN 3 YEARS.

A PERMANENT, BUILT-IN, AUTOMATIC IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED BY CONTRACTOR TO PROVIDE FULL COVERAGE TO ALL PROPOSED PLANTING AREAS TO ASSURE THAT PLANTS WILL SURVIVE THE CRITICAL ESTABLISHMENT PERIOD AND PERIODS OF DROUGHT.

PLANTING WATER CONSUMPTION ZONES

ALL PLANTING BEDS REQUIRE LOW WATER USAGE (LESS THAN ONE INCH PER WEEK).

ALL LAWN AREAS REQUIRE MODERATE WATER USAGE (+/- TWO INCHES PER WEEK)

LANDSCAPE PLAN

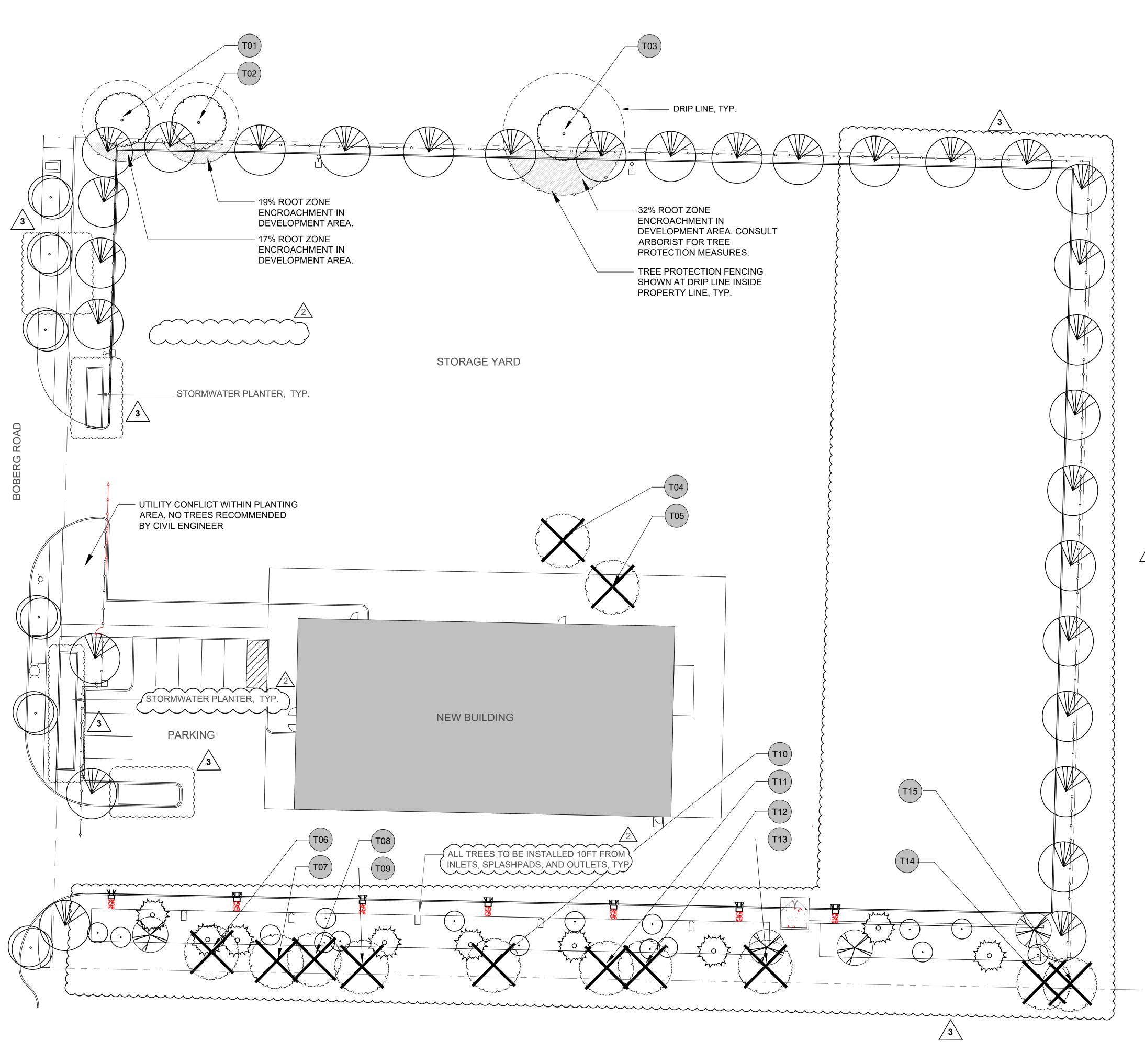
1 05/11/2020 CITY RESUBMITTAL **2** 05/27/2020 CITY RESUBMITTAL

/3\ 08/12/2020 CITY RESUBMITTAL

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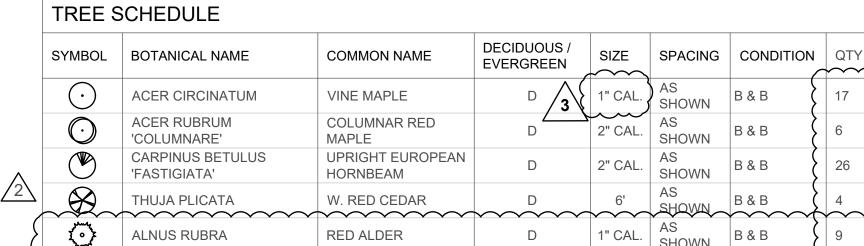
06/15/2020

LANDSCAPE PLAN



TREE PLAN

1" = 20'-0"



SIZE SPACING CONDITION QTY 1" CAL. AS SHOWN

TREE REMOVAL AND PROTECTION LEGEND

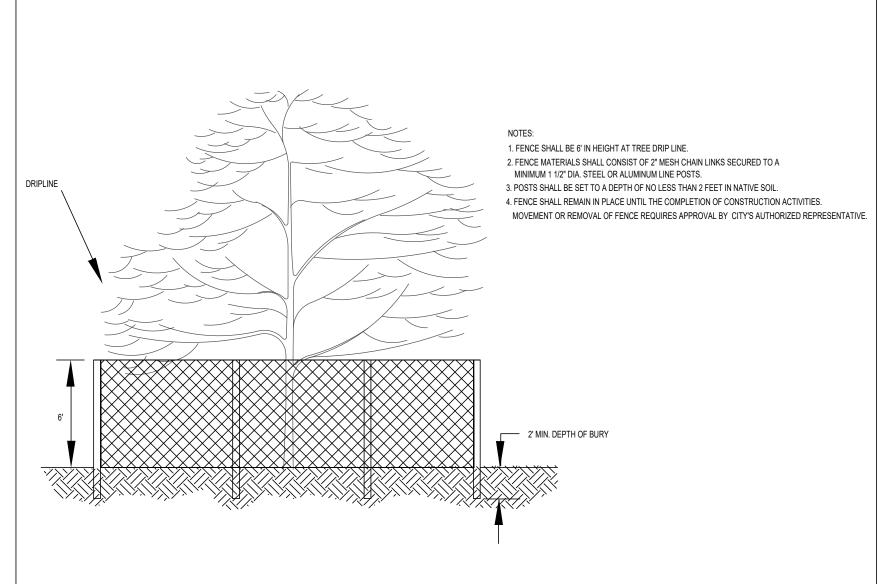
TREE REMOVAL AND PROTECTION LEGEND			
	PROPERTY LINE		
	TREE PROTECTION FENCING		
\odot	EXISTING TREES TO BE PROTECTED		
$\langle \mathbf{X} \rangle$	EXISTING TREES TO BE REMOVED		

	EXIS	TING TREE	IG TREE TABLE					
	TREE NO.	TRUNK DIA.	PROTECTION ZONE	SPECIES	PROTECT	REMOVE	CONDITION/ NOTES	
	1	16"	CONSULT ARBORIST	DECIDUOUS	Х			
	2	16"	CONSULT ARBORIST	DECIDUOUS	X			
	3	24"	CONSULT ARBORIST	DECIDUOUS	X			
	4	13.5"	N/A	RED OAK		X	FAIR	
	5	13.5"	N/A	RED OAK		X	FAIR	
	6	22"	N/A	HAWTHORN		X	POOR	
	7	27"	N/A	BIG LEAF MAPLE		X	POOR	
	8	MULTI-STEM	N/A	HAZELNUT		X	POOR	
	9	MULTI-STEM	N/A	HAZELNUT		X	POOR	
	10	MULTI-STEM	N/A	HAZELNUT		X	POOR	
	11	6"	N/A	BIG LEAF MAPLE		X	FAIR CONDITION, POOR STRUCTURE	
	12	6"	N/A	BIG LEAF MAPLE		X	FAIR CONDITION, POOR STRUCTURE	
	13	6"	N/A	BIG LEAF MAPLE	******	X	FAIR CONDITION, POOR STRUCTURE	
{	14	8", 11"	N/A	BIG LEAF MAPLE		X	FAIR CONDITION, POOR STRUCTURE	
,	15	(2) 8", (3) 7"	N/A	BIG LEAF MAPLE		Х	FAIR CONDITION, POOR STRUCTURE	

TREE PRESERVATION AND REMOVAL NOTES

1. TREE PROTECTION ZONE SHOWN AT 1'-0" RADIUS FOR EVERY CALIPER INCH OF TREE TRUNK. ARBORIST TO RECOMMEND ALTERNATIVE PROTECTION MEASURES WHERE GROUND DISTURBANCE IS WITHIN PROTECTION

- 2. SEE ARBORIST'S REPORT FOR PRESERVATION AND PRUNING RECOMMENDATIONS.
- 3. THIS PLAN ONLY INCLUDES TREES THAT WILL BE AFFECTED BY DEVELOPMENT. SEE ARBORIST REPORT FOR ADDITIONAL TREES OUTSIDE THE LIMIT OF DEVELOPMENT.
- 4. SUITABLE PROTECTION FENCING AS IDENTIFIED BY ARBORIST SHALL BE INSTALLED BEFORE ANY GROUND DISTURBING ACTIVITIES INCLUDING CLEARING AND GRADING, OR CONSTRUCTION STARTS; AND SHALL REMAIN IN PLACE UNTIL FINAL INSPECTION.
- 5. ALL TREES TO BE PROTECTED ON SITE ARE TO BE DESIGNATED WITH METAL TAGS TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION. TAGS WILL BE NUMBERED AND KEYED TO TREE PLAN.



RD - 1230 TREE PROTECTION FENCING

ELEVATION

DAVID ANDERSON OREGON PE ARCHE



22333 Boones Ferry Rd, NE Aurora, OR 97002 503.678.1234

TREE PLAN

2 05/27/2020 CITY RESUBMITTAL 3 08/12/2020 CITY RESUBMITTAL

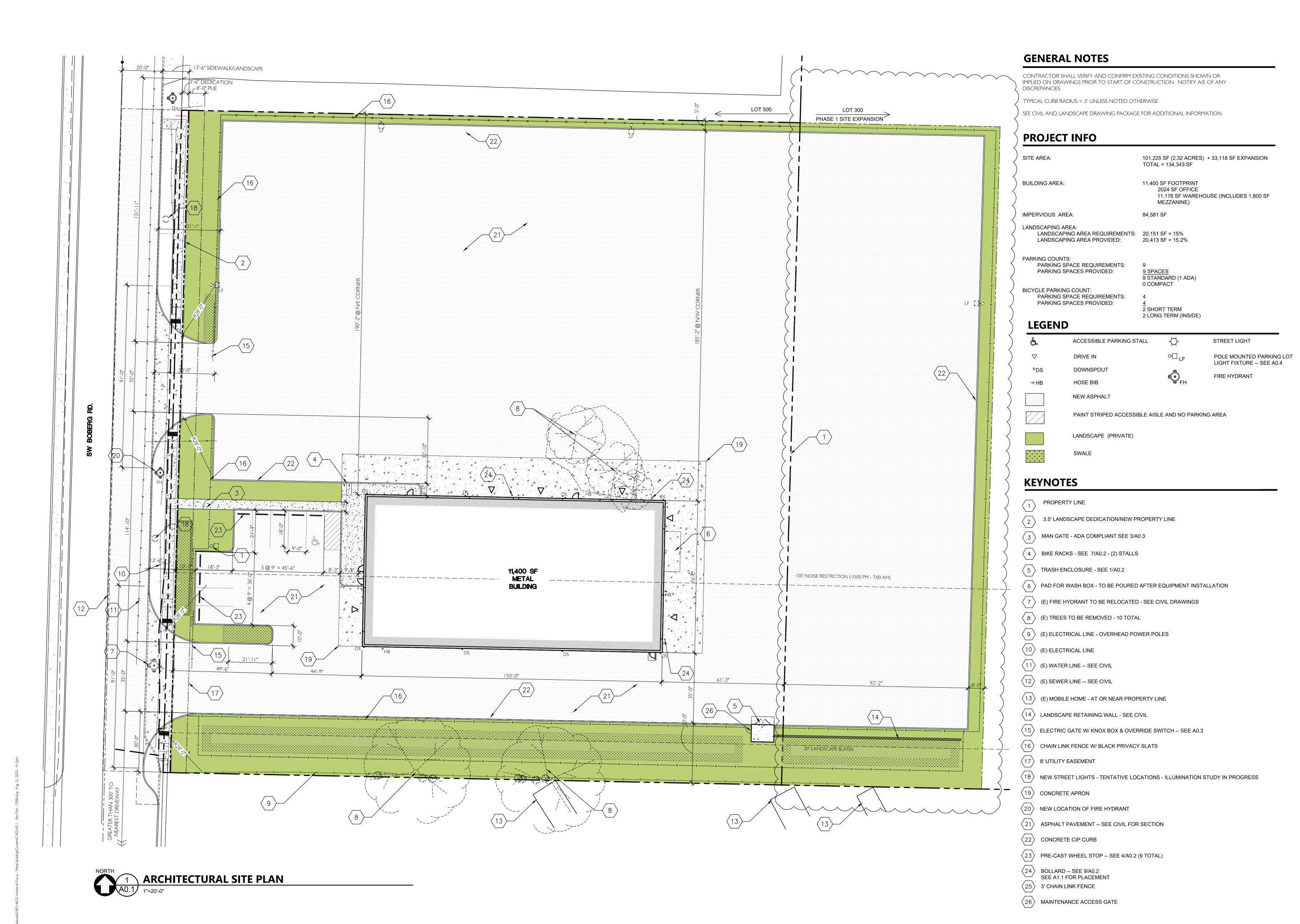
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DRAWN BY: DA

07/01/2020

JOB NO:

TREE PLAN



PRELIMINARY NOT FOR CONSTRUCTION

2 E 4

ENGINEERIN PLANNIN

15895 SW 72ND AVE SUITE 200

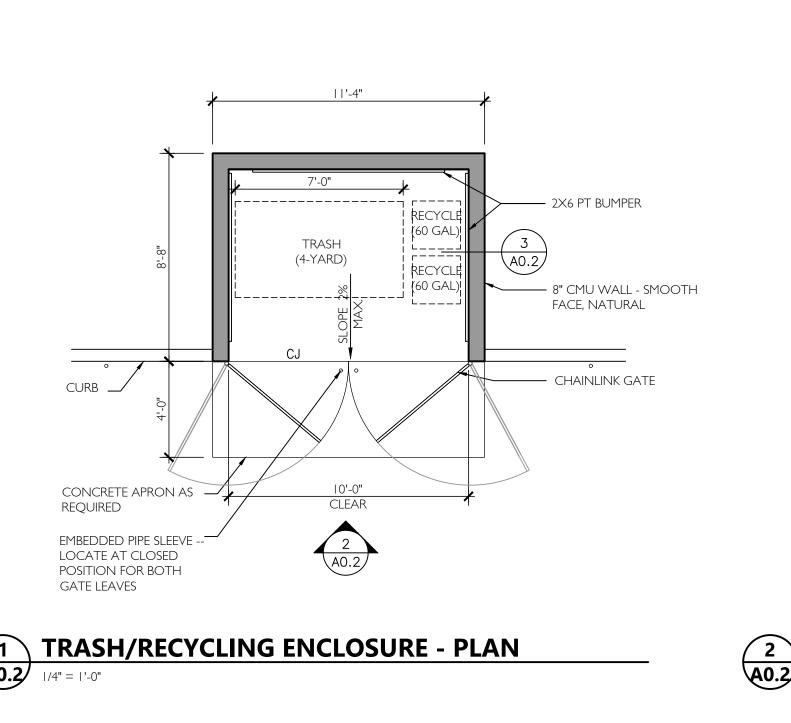
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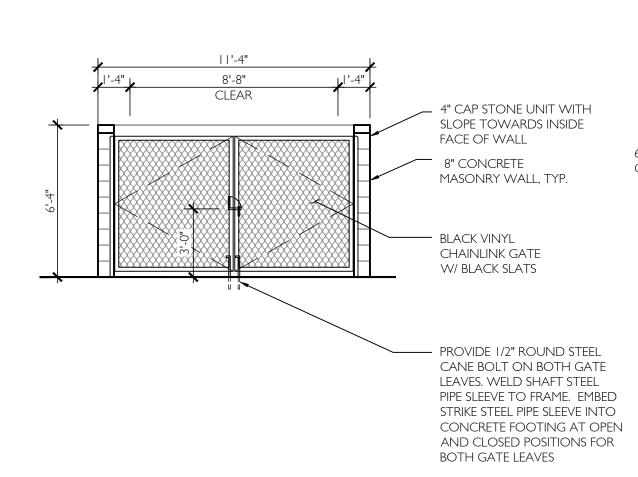
NICOLI

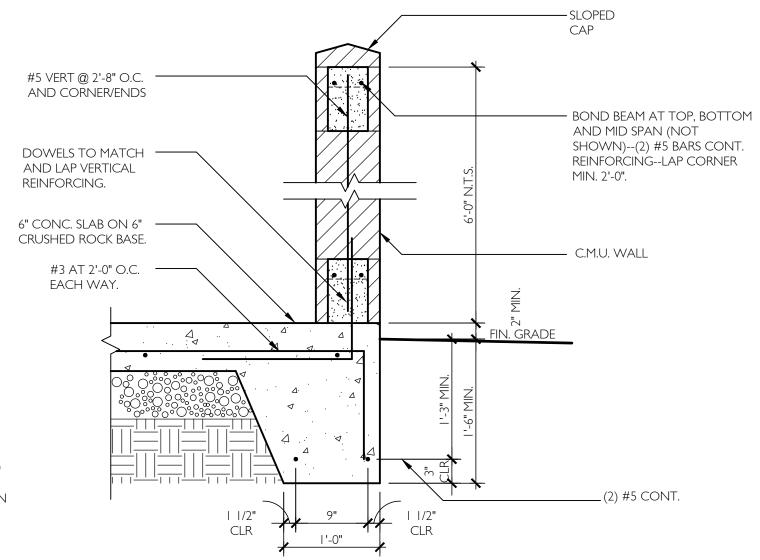
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A0.1

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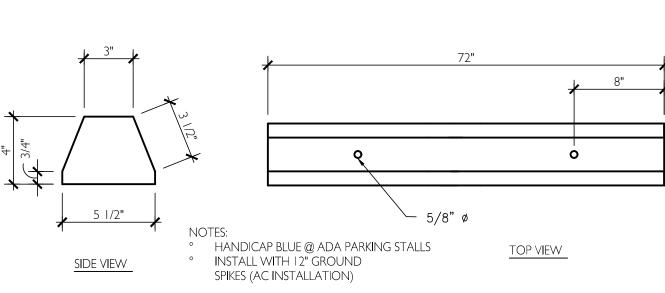


TYP. WALL SECTION @ TRASH/RECYCLING

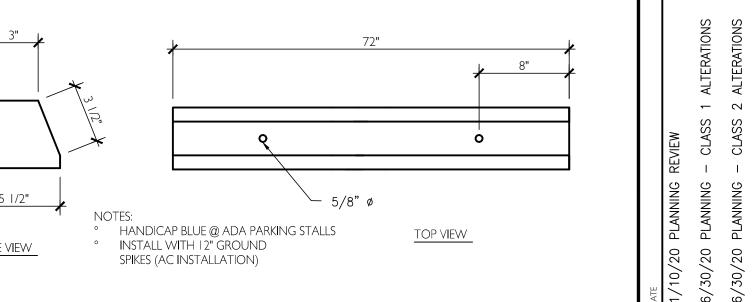
A0.2 | " = | '-0"

04300-02

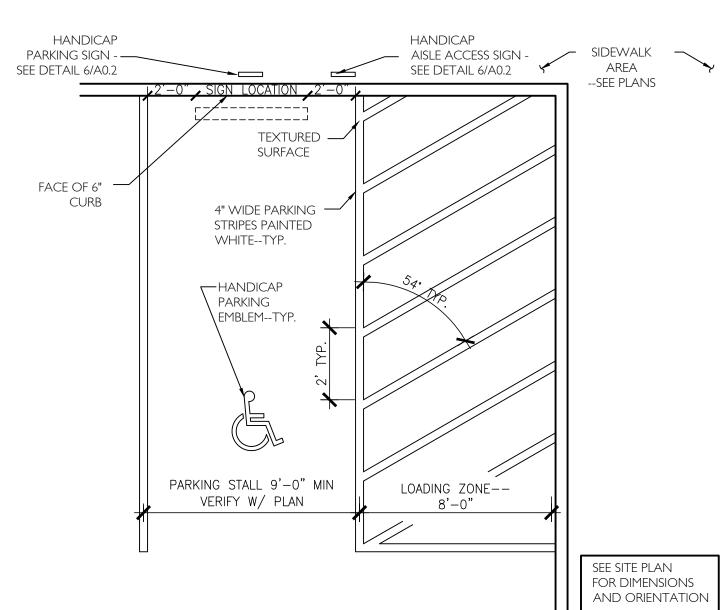
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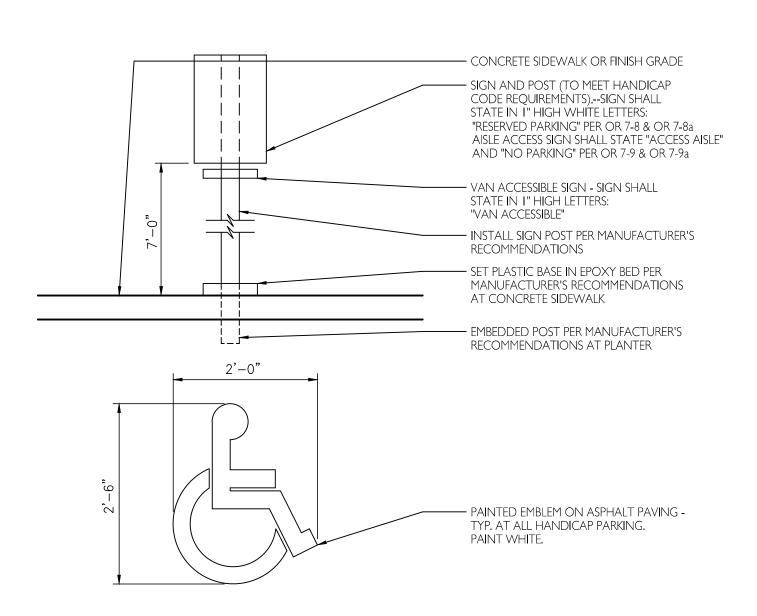


4 PRECAST CONCRETE WHEELSTOP

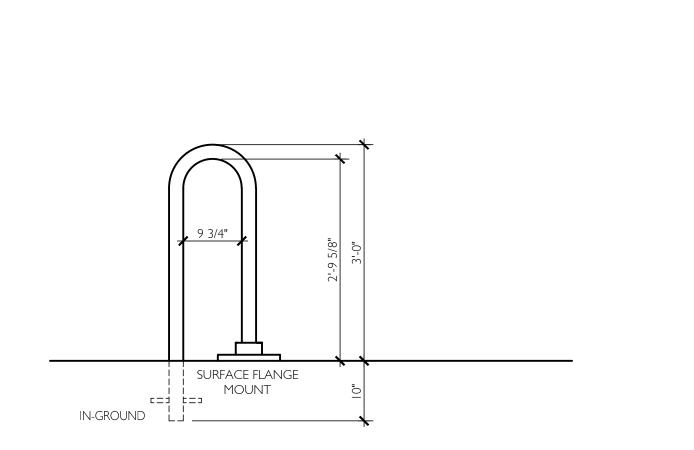


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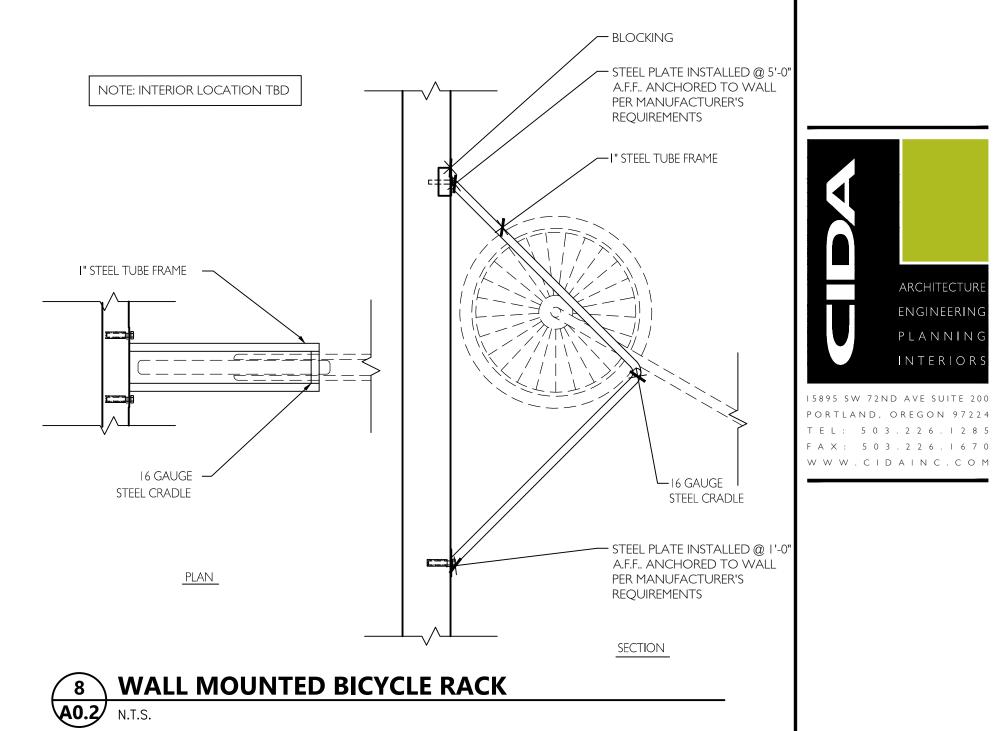


TRASH/RECYCLING ENCLOSURE - ELEVATION



NOTE:

SEE SITE PLAN FOR LOCATION

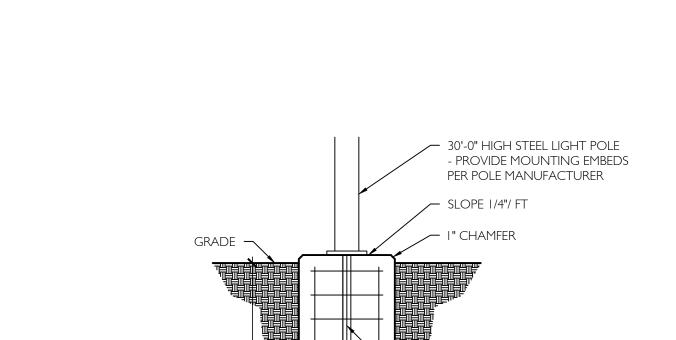




— ROUND TOP

PLAN VIEW--TYP. LOC.

SECTION/ELEVATION

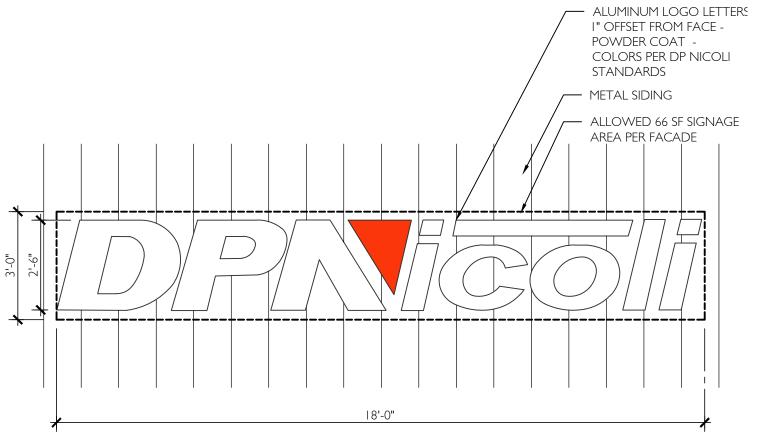


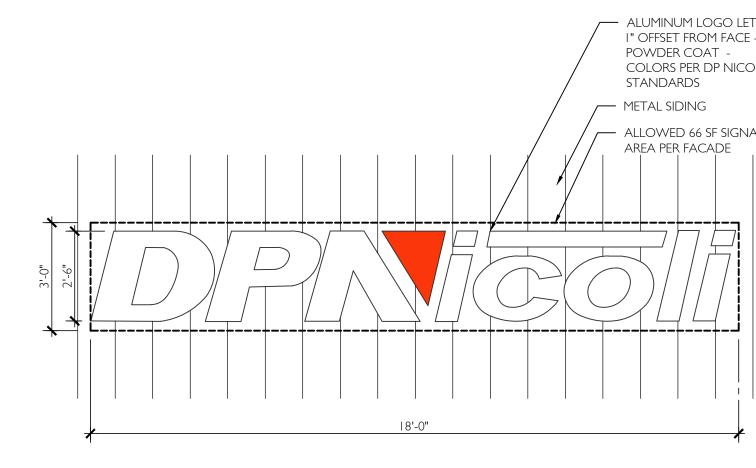
➤ (2) I" RIGID CONDUIT

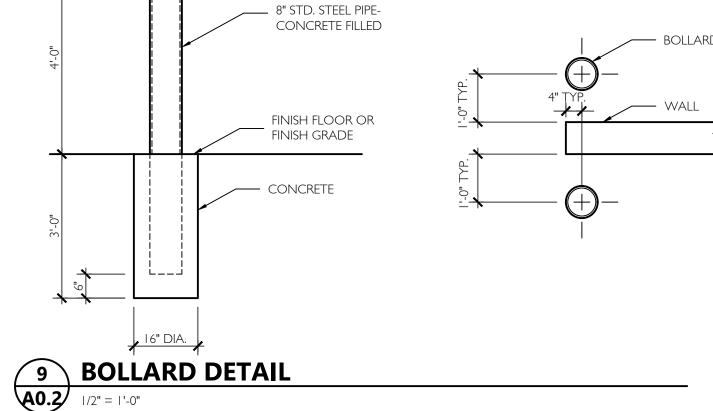
- 24" DIA. CONC. PIER W/ (4) #7 REBAR UPRIGHT AND #3 TIES

AT 12" O.C. VERTICAL

6 HANDICAP PARKING EMBLEM AND SIGN











7 BICYCLE RACK

DP NICOLI 28370

PRELIMINARY

NOT FOR

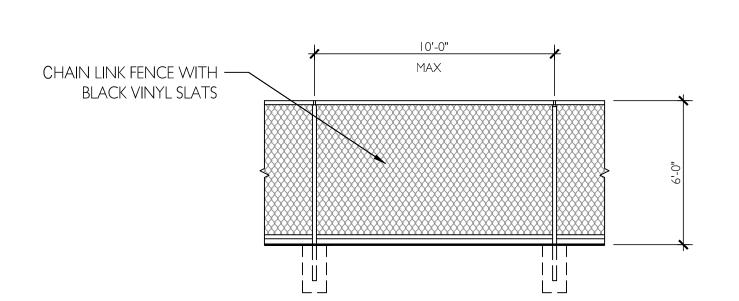
CONSTRUCTION

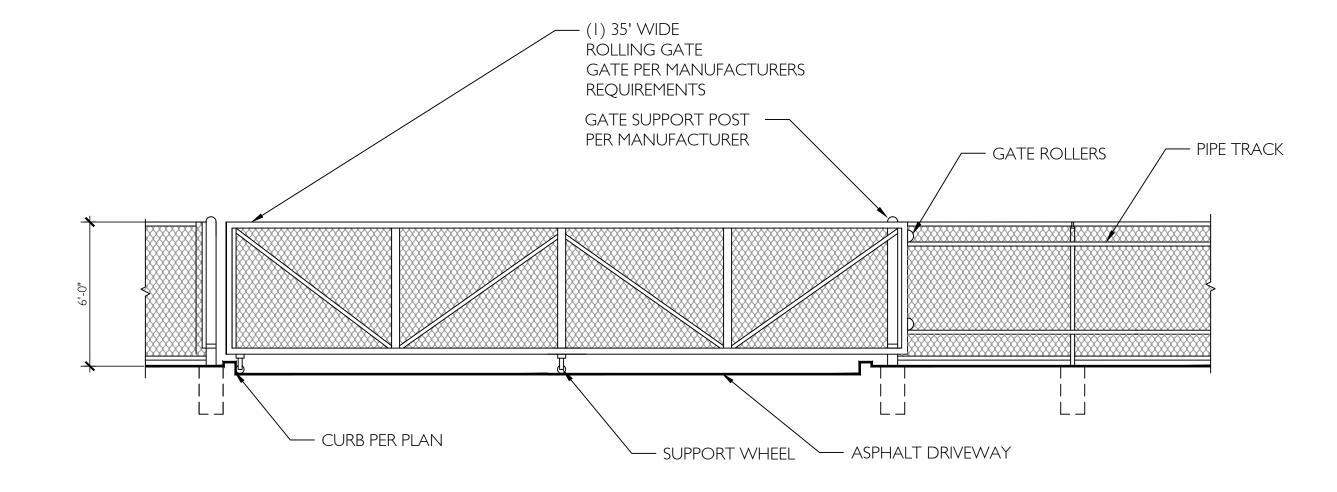
- 2 E 4

ENGINEERIN

PLANNIN

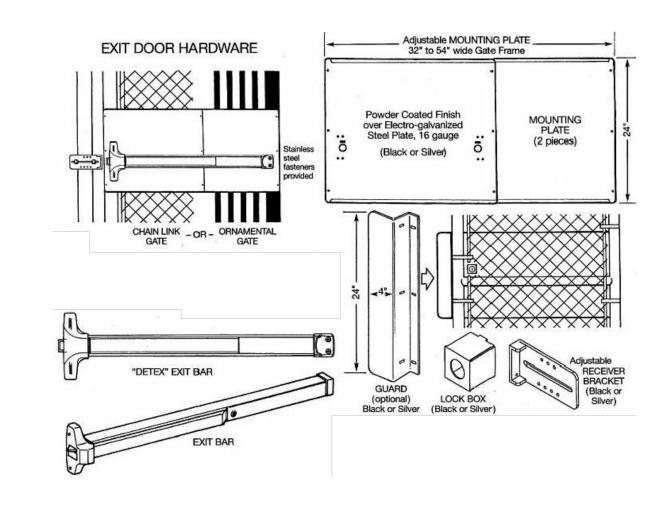




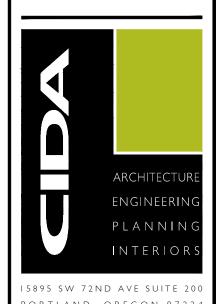












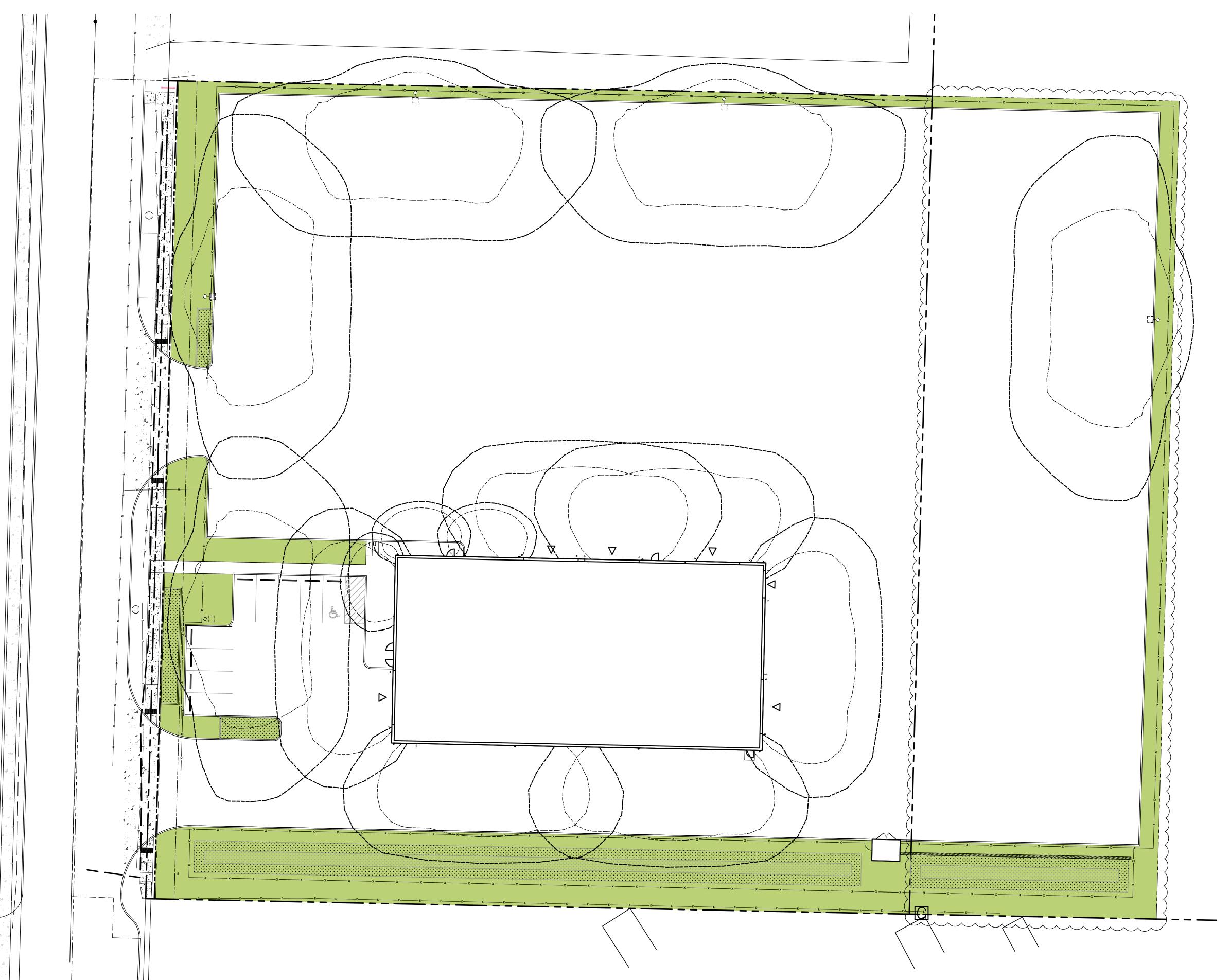
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CONSTRUCTION

PORTLAND, OREGON 97224 T E L: 5 0 3 . 2 2 6 . I 2 8 5
F A X: 5 0 3 . 2 2 6 . I 6 7 0
W W W . C I D A I N C . C O M

28370 SW BOBERG RD. WILSONVILLE, OR 97070 DP NICOLI

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LEGEND

POLE MOUNTED LIGHT FIXTURE

BUILDING MOUNTED LIGHT FIXTURE

APPROXIMATE 1.0 FC ISOLUM

KEYNOTES

POLE MOUNTED LIGHT FIXTURE @ 30'-0"

- LITHONIA LIGHTING - DSX1 SERIES OR APPROVED EQUAL- TYPE
3 MEDIUM DISTRIBUTION, BLACK, DARK SKY RATED, W/
CUTTOFFS - SQUARE POLE MOUNTED.

BUILDING MOUNTED LIGHT FIXTURE @ 22'-0" AFF

- LITHONIA LIGHTING - WDGE3 LED OR APPROVED EQUAL - P3 70
CRI R3 40K - BLACK

BUILDING MOUNTED LIGHT FIXTURE @ 11'-0" AFF
- LITHONIA LIGHTING - WDGE2 LED OR APPROVED EQUAL - P3SW

STREET LIGHTS PER CITY OF WILSONVILLE STANDARD - TENTATIVE LOCATIONS - ILLUMINATION STUDY IN PROGRESS

APPROXIMATE 0.5 FC ISOLUM



40K 90 CRI VW - BLACK

ENGINEERIN PLANNINC INTERIORS

EVIEW
CLASS 1 ALTERATIC
CLASS 2 ALTERATIC
SITE EXPANSION

- 2 m 4

15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224

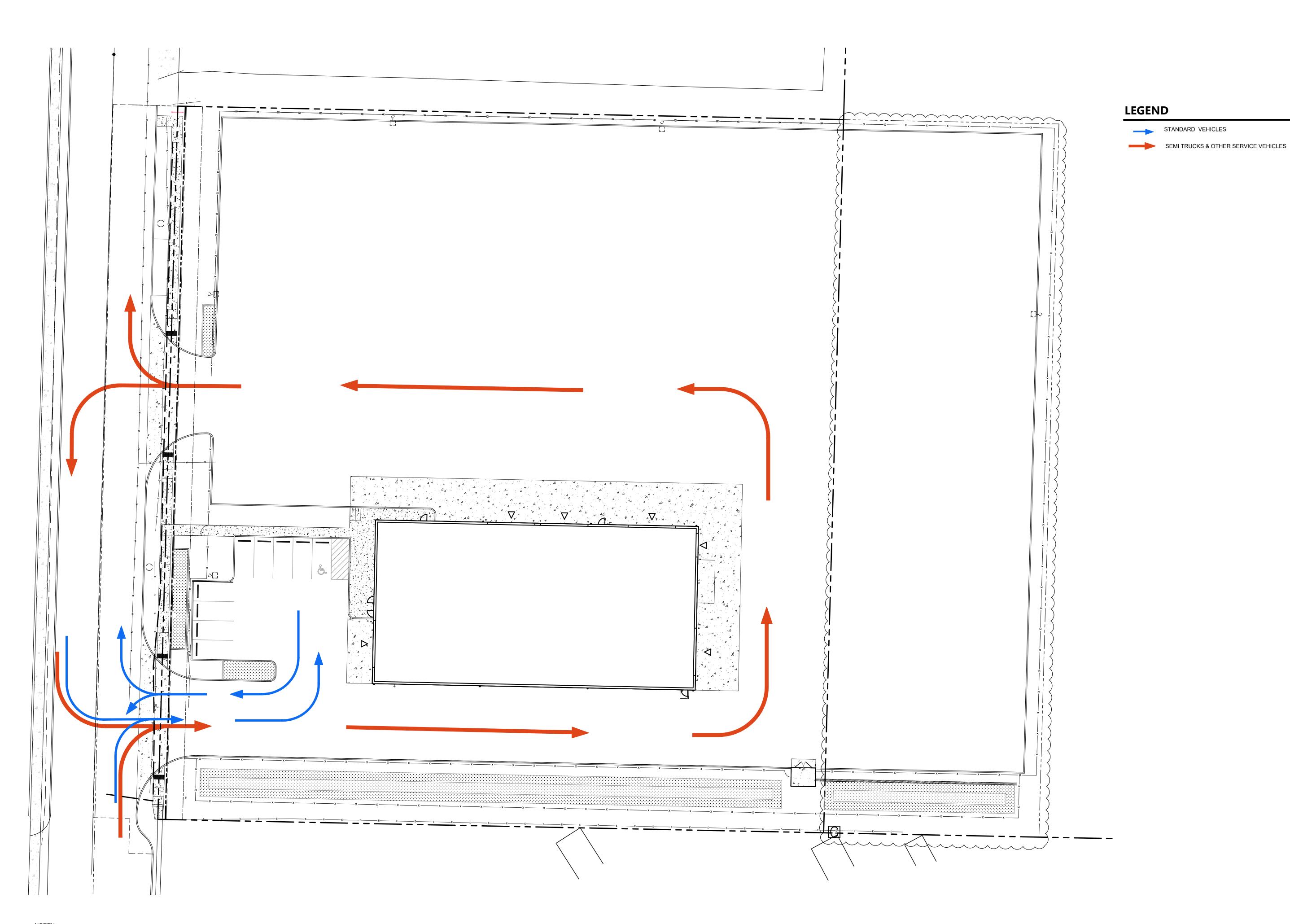
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F A X: 5 0 3 . 2 2 6 . I 6 7 0
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DP NICOLI

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PRELIMINARY NOT FOR CONSTRUCTION

REVIEW

- CLASS 1 ALTERATIC

- CLASS 2 ALTERATIC

- SITE EXPANSION

- 0 w 4

ENGINEERIN PLANNINC 15895 SW 72ND AVE SUITE 200

PORTLAND, OREGON 97224

T E L: 5 0 3 . 2 2 6 . I 2 8 5
F A X: 5 0 3 . 2 2 6 . I 6 7 0
W W W . C I D A I N C . C O M

DP NICOLI

A0.6

JOB NO. 180146.03

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1 ARCHITECTURAL SITE PLAN - VEHICLE CIRCULATION
A0.6 1"=30'-0"