

PRECISION COUNTERTOPS

25540 SW GARDEN ACRES ROAD

WILSONVILLE, OREGON



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ZONING ANALYSIS	BUILDING CODE ANALYSIS	ENERGY CODE ANALYSIS	SHEET INDEX																																																																																																																																													
<p>ZONING: PDI - PLANNED DEVELOPMENT INDUSTRIAL COFFEE CREEK INDUSTRIAL DESIGN OVERLAY DISTRICT</p> <p>CHAPTER 4.155.03 - PLANNED DEVELOPMENT INDUSTRIAL ZONE USES THAT ARE TYPICALLY PERMITTED: WAREHOUSES, FABRICATION, MANUFACTURING AND PROCESSING. LIMITED USES: OFFICE USES - LIMITED TO 20% OF MAXIMUM TOTAL FLOOR AREA RETAIL USES - LIMITED TO 3,000 SF</p> <p>LOT AREA - NONE BUILDING SETBACKS, MIN: FRONT: 30 FT SIDE: 30 FT REAR: 30 FT</p> <p>CHAPTER 4.155.03 MINIMUM AND MAXIMUM OFF-STREET PARKING REQUIREMENTS OFFICE: MIN: 2,711,000 SF MAX: 4,111,000 SF RETAIL/SHOWROOM: MIN: 1,671,000 SF MAX: 6,211,000 SF WAREHOUSE/STORAGE: MIN: 0,311,000 SF MAX: 0,511,000 SF MANUFACTURING: MIN: 1,611,000 SF MAX: NONE</p> <p>DIMENSIONS, 2-WAY, 90-DEG: 9.0'W x 20.0'L, 24.0' AISLE</p> <p>CHAPTER 4.155.04 - BICYCLE PARKING OFFICE: MIN: 2 OR 1 PER 5,000 SF = 2 RETAIL/SHOWROOM: MIN: 2 OR 1 PER 8,000 SF = 2 WAREHOUSE/STORAGE: MIN: 2 OR 1 PER 20,000 SF = 2 MANUFACTURING: MIN: 6 OR 1 PER 10,000 SF = 6</p> <p>4.155.04 C.2, WHERE 6 OR MORE BICYCLE PARKING SPACES ARE REQUIRED, 50% OF REQUIRED BICYCLE PARKING TO BE LONG-TERM.</p> <p>DIMENSIONS: 2.0'W x 6.0'L</p> <p>CHAPTER 4.155.04 MINIMUM OFF-STREET LOADING REQUIREMENTS 2 SPACES REQUIRED. (2) 30,000 SF - 100,000 SF MIN: 12.0'W x 35.0'L x 14.0'H</p>	<p>GOVERNING CODES 2019 OREGON OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2018 INTERNATIONAL FIRE CODE (IFC) 2019 OREGON MECHANICAL SPECIALTY CODE (OMSC) 2019 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEECS) 2020 NFPA 13 STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS 2020 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE 2020 NFPA 110 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN</p> <p>OCCUPANCY AND CONSTRUCTION ASSUMED OCCUPANCY: CONSTRUCTION TYPE: REQUIRED SEPARATION: BUILDING HEIGHT AND AREA ALLOWABLE HEIGHT: ALLOWABLE STORIES: PROPOSED HEIGHT: PROPOSED STORIES: ALLOWABLE AREA: I-B ONE STORY SPRINKLERED ACTUAL BUILDING AREA: FIRE-RESISTANCE RATING REQUIREMENTS STRUCTURAL FRAME: EXTERIOR BEARING WALLS: EXTERIOR NON-BEARING WALLS: INTERIOR NON-BEARING WALLS: FLOOR CONSTRUCTION: ROOF CONSTRUCTION: OPENING PROTECTION IN EXTERIOR WALLS: 5 FT TO < 10 FT 30 FT OR GREATER FIRE PROTECTION BUILDING IS EQUIPPED WITH AN AUTOMATIC FIRE PROTECTION SYSTEM THROUGHOUT IN IAW WITH OSSC 903.3.1.1 AND DESIGNED TO ACCOMMODATE HAZARD CLASSES 1,4, WITH AN INTERIOR CLEAR HEIGHT OF 22'-0" INTERIOR FINISH F, B, M, S: EXIT TRAVEL DISTANCE B OCCUPANCY: F-1 OCCUPANCY: M OCCUPANCY: S-1 OCCUPANCY: FREEZE PROTECTION: NOT</p> <p>PER IBC 304, 306, 311 AND 602.2 F-1, S-1, B, M I-B F-1, S-1, B, M : NO SEPARATION REQUIREMENT PER OSSC SECTION 508.3 PER OSSC TABLES 504.3, 504.4, 506.2 F-1, S-1, B, M: 75' F-1, S-1, M: 3 B: 4 VARYING (35'-8" MAX) < 75', OKAY B (S1): 92,000 SF F-1 (S1): 62,000 SF M (S1): 50,000 SF S-1 (S1): 70,000 SF B (S1): 6,820 SF < 92,000 SF, OKAY F-1 (S1): 20,233 SF < 62,000 SF, OKAY M (S1): 2,973 SF < 50,000 SF, OKAY S-1 (S1): 35,976 SF < 70,000 SF, OKAY PER OSSC TABLE 601 AND 602 0 HRS 0 HRS 0 HRS 0 HRS 0 HRS 25%, UNPROTECTED / SPRINKLERED NO LIMIT, UNPROTECTED / SPRINKLERED BUILDING IS EQUIPPED WITH AN AUTOMATIC FIRE PROTECTION SYSTEM THROUGHOUT IN IAW WITH OSSC 903.3.1.1 AND DESIGNED TO ACCOMMODATE HAZARD CLASSES 1,4, WITH AN INTERIOR CLEAR HEIGHT OF 22'-0" CLASS C - ROOMS AND ENCLOSED SPACES 1006 2.1: <49 OCC, COMMON PATH OF EGRESS < 100'-0" (SPRINKLERED) 1017.2: EXIT ACCESS TRAVEL DISTANCE < 300'-0" (SPRINKLERED) 1006 2.1: <49 OCC, COMMON PATH OF EGRESS < 100'-0" (SPRINKLERED) 1017.2: EXIT ACCESS TRAVEL DISTANCE < 250'-0" (SPRINKLERED) 1006 2.1: <49 OCC, COMMON PATH OF EGRESS < 75'-0" (SPRINKLERED) 1017.2: EXIT ACCESS TRAVEL DISTANCE < 250'-0" (SPRINKLERED) 1006 2.1: <29 OCC, COMMON PATH OF EGRESS < 100'-0" (SPRINKLERED) 1017.2: EXIT ACCESS TRAVEL DISTANCE < 250'-0" (SPRINKLERED) GAS FIRED UNIT HEATING SYSTEM LOCATED IN WAREHOUSE WITH A THERMOSTAT HAVING A MAXIMUM SET POINT CAPACITY OF 48°F MOUNTED LOWER THAN THE HEATING UNIT WITH AN OUTPUT CAPACITY NOT EXCEEDING 15 Btu/hr/12 OR 4 Watts/12 OF HEATED FLOOR AREA.</p>	<p>TABLE 5.5.4 BUILDING ENVELOPE REQUIREMENTS FOR CLIMATE ZONE 4 (A, B, C)</p> <p>ROOFS: METAL BUILDING: WALLS ABOVE GRADE: METAL BUILDING: WALLS BELOW GRADE: N/A SLAB-ON-GRADE FLOORS: UNHEATED HEATED OPAQUE DOORS: SWINGING NON-SWINGING VERTICAL FENESTRATION: FIXED: OPERABLE: ENTRANCE DOOR: SKYLIGHT: ALL TYPES: SKYLIGHT SIZE/ QUANTITY: DAYLIGHT AREA UNDER SKYLIGHT BUILDING AREA PER 5.5.4.2.3 CEILING HEIGHT ≥ 15.0' BUILDING AREA / DAYLIGHT AREA</p> <p>R-19 + R-11 LINEAR SYSTEM OR R-25 + R-8 LINEAR SYSTEM, NON-RESIDENTIAL R-19, SEMI-HEATED R-0 + R-15.8 C.I., NON RESIDENTIAL R-13, SEMI-HEATED R-7.5 C.I., NON-RESIDENTIAL NR, SEMI-HEATED R-15 FOR 24" NR, SEMI-HEATED R-20 FOR 24" R-10 FOR 24" U-0.370, NON-RESIDENTIAL U-0.370, SEMI-HEATED U-0.310, NON-RESIDENTIAL U-0.360, SEMI-HEATED 0.36, ASSY MAX U, NON-RESIDENTIAL 0.36, ASSY MAX SHGC, NON-RESIDENTIAL 1.10, ASSY MIN VT SHGC, NON-RESIDENTIAL 0.45, ASSY MAX U, NON-RESIDENTIAL 0.33, ASSY MAX SHGC, NON-RESIDENTIAL 1.10, ASSY MIN VT SHGC, NON-RESIDENTIAL 0.63, ASSY MAX U, NON-RESIDENTIAL 0.33, ASSY MAX SHGC, NON-RESIDENTIAL 1.10, ASSY MIN VT SHGC, NON-RESIDENTIAL 0.50, ASSY MAX U, NON-RESIDENTIAL 0.40, ASSY MAX SHGC, NON-RESIDENTIAL NR, SEMI-HEATED NR, SEMI-HEATED 7 x 27.00' FT CEILING HEIGHT = 18.90' x 2 = 37.80' EW (37.80' EW + 2.5'W) x (37.80' EW + 10.0'L) = 40.30'W x 47.80'L DAYLIGHT AREA PER SKYLIGHT = 40.30'W x 47.80'L = 1,926.4 SF 53,166.47 SF 50% x 53,166.47 SF = 26,583.24 SF 26,583.24 SF / 1,926.4 SF = 13.80 SKYLIGHTS, MIN SKYLIGHTS TO BE 2.5'W x 10.0'L</p> <p>SECTION 5.4.3.1.2 CONTINUOUS AIR BARRIER DESIGN AND INSTALLATION CONTINUOUS AIR BARRIER SHALL BE DESIGNED TO RESIST POSITIVE AND NEGATIVE PRESSURES FROM WIND, STACK EFFECT, AND MECHANICAL VENTILATION AND ALLOW FOR ANTICIPATED MOVEMENTS. THE FOLLOWING AREAS OF THE CONTINUOUS AIR BARRIER IN THE BUILDING ENVELOPE SHALL BE WRAPPED, SEALED, CAULKED, GASKETED OR TAPED IN AN APPROVED MANNER TO MINIMIZE AIR LEAKAGE: A. JOINTS AROUND FENESTRATION AND DOOR FRAMES. B. JUNCTIONS BETWEEN WALLS AND FLOORS, BETWEEN WALLS AT BUILDING CORNERS AND BETWEEN WALLS AND ROOFS. C. PENETRATIONS THROUGH THE CONTINUOUS AIR BARRIER IN BUILDING ENVELOPE ROOFS, WALLS AND FLOORS. D. BUILDING ASSEMBLIES USED AS DUCTS OR PLENUMS. E. JOINTS, SEAMS, CONNECTIONS BETWEEN PLANES AND OTHER CHANGES IN CONTINUOUS AIR BARRIER MATERIALS.</p>	<table border="1"> <thead> <tr> <th>SHEET #</th> <th>SHEET NAME</th> <th>6</th> </tr> </thead> <tbody> <tr> <td colspan="3">01 GENERAL</td> </tr> <tr> <td>CS</td> <td>COVER SHEET</td> <td>*</td> </tr> <tr> <td>G0.1</td> <td>PROJECT DATA</td> <td>*</td> </tr> <tr> <td>G1.0</td> <td>SITE SURVEY AND EXISTING CONDITIONS</td> <td>*</td> </tr> <tr> <td>G1.2</td> <td>CONSTRUCTION STAGING</td> <td>*</td> </tr> <tr> <td>G2.0</td> <td>RENDERINGS</td> <td>*</td> </tr> <tr> <td>G2.1</td> <td>RENDERINGS</td> <td>*</td> </tr> <tr> <td>G2.2</td> <td>RENDERINGS</td> <td>*</td> </tr> <tr> <td>G3.0</td> <td>RECYCLING FLOW & DETAILS</td> <td>*</td> </tr> <tr> <td colspan="3">02 CIVIL</td> </tr> <tr> <td>C0</td> <td>GENERAL NOTES AND LEGENDS</td> <td>*</td> </tr> <tr> <td>C1</td> <td>EXISTING CONDITIONS PLAN</td> <td>*</td> </tr> <tr> <td>C1.1</td> <td>EXISTING CONDITIONS PLAN</td> <td>*</td> </tr> <tr> <td>C2</td> <td>GRADING PLAN</td> <td>*</td> </tr> <tr> <td>C2.1</td> <td>GRADING PLAN</td> <td>*</td> </tr> <tr> <td>C3</td> <td>STORMWATER PLAN</td> <td>*</td> </tr> <tr> <td>C3.1</td> <td>STORMWATER PLAN</td> <td>*</td> </tr> <tr> <td>C4</td> <td>WATER & SANITARY SEWER PLAN</td> <td>*</td> </tr> <tr> <td>C4.1</td> <td>WATER & SANITARY SEWER PLAN</td> <td>*</td> </tr> <tr> <td>C5</td> <td>DETAILS</td> <td>*</td> </tr> <tr> <td>C5.1</td> <td>DETAILS</td> <td>*</td> </tr> <tr> <td>C5.2</td> <td>DETAILS</td> <td>*</td> </tr> <tr> <td colspan="3">03 LANDSCAPE</td> </tr> <tr> <td>L1.0</td> <td>LANDSCAPE PLAN</td> <td>*</td> </tr> <tr> <td>L1.1</td> <td>TREE REMOVAL PLAN</td> <td>*</td> </tr> <tr> <td>L2.0</td> <td>LANDSCAPE SPECIFICATIONS & DETAILS</td> <td>*</td> </tr> <tr> <td colspan="3">05 ARCHITECTURAL</td> </tr> <tr> <td>A1.0</td> <td>OVERALL SITE PLAN</td> <td>*</td> </tr> <tr> <td>A1.1</td> <td>ENLARGED SITE PLAN</td> <td>*</td> </tr> <tr> <td>A1.2</td> <td>SITE PLAN (FUTURE)</td> <td>*</td> </tr> <tr> <td>A1.3</td> <td>SITE DETAILS</td> <td>*</td> </tr> <tr> <td>A1.4</td> <td>SITE DETAILS</td> <td>*</td> </tr> <tr> <td>A2.1</td> <td>FLOOR PLAN</td> <td>*</td> </tr> <tr> <td>A3.1</td> <td>BUILDING ELEVATIONS</td> <td>*</td> </tr> <tr> <td>A3.2</td> <td>SIGNAGE, ENTRY, GLAZING CALCULATION</td> <td>*</td> </tr> <tr> <td>A3.3</td> <td>SIGNAGE</td> <td>*</td> </tr> <tr> <td>A4.1</td> <td>BUILDING SECTIONS</td> <td>*</td> </tr> <tr> <td>A4.2</td> <td>BUILDING SECTIONS</td> <td>*</td> </tr> <tr> <td colspan="3">09 SITE LIGHTING</td> </tr> <tr> <td>LT1.0</td> <td>LIGHTING PLAN, STATISTICS, SCHEDULES</td> <td>*</td> </tr> <tr> <td>LT1.2</td> <td>LIGHTING PLAN, STATISTICS, SCHEDULES</td> <td>*</td> </tr> <tr> <td>LT2.0</td> <td>LIGHTING CUT SHEETS</td> <td>*</td> </tr> <tr> <td>LT2.1</td> <td>LIGHTING CUT SHEETS</td> <td>*</td> </tr> <tr> <td>LT3.0</td> <td>WAYSIDE SUNLIGHT STUDY</td> <td>*</td> </tr> <tr> <td colspan="3">10 FIRE SERVICE</td> </tr> <tr> <td>FS1.0</td> <td>FIRE SERVICE SITE PLAN</td> <td>*</td> </tr> </tbody> </table>	SHEET #	SHEET NAME	6	01 GENERAL			CS	COVER SHEET	*	G0.1	PROJECT DATA	*	G1.0	SITE SURVEY AND EXISTING CONDITIONS	*	G1.2	CONSTRUCTION STAGING	*	G2.0	RENDERINGS	*	G2.1	RENDERINGS	*	G2.2	RENDERINGS	*	G3.0	RECYCLING FLOW & DETAILS	*	02 CIVIL			C0	GENERAL NOTES AND LEGENDS	*	C1	EXISTING CONDITIONS PLAN	*	C1.1	EXISTING CONDITIONS PLAN	*	C2	GRADING PLAN	*	C2.1	GRADING PLAN	*	C3	STORMWATER PLAN	*	C3.1	STORMWATER PLAN	*	C4	WATER & SANITARY SEWER PLAN	*	C4.1	WATER & SANITARY SEWER PLAN	*	C5	DETAILS	*	C5.1	DETAILS	*	C5.2	DETAILS	*	03 LANDSCAPE			L1.0	LANDSCAPE PLAN	*	L1.1	TREE REMOVAL PLAN	*	L2.0	LANDSCAPE SPECIFICATIONS & DETAILS	*	05 ARCHITECTURAL			A1.0	OVERALL SITE PLAN	*	A1.1	ENLARGED SITE PLAN	*	A1.2	SITE PLAN (FUTURE)	*	A1.3	SITE DETAILS	*	A1.4	SITE DETAILS	*	A2.1	FLOOR PLAN	*	A3.1	BUILDING ELEVATIONS	*	A3.2	SIGNAGE, ENTRY, GLAZING CALCULATION	*	A3.3	SIGNAGE	*	A4.1	BUILDING SECTIONS	*	A4.2	BUILDING SECTIONS	*	09 SITE LIGHTING			LT1.0	LIGHTING PLAN, STATISTICS, SCHEDULES	*	LT1.2	LIGHTING PLAN, STATISTICS, SCHEDULES	*	LT2.0	LIGHTING CUT SHEETS	*	LT2.1	LIGHTING CUT SHEETS	*	LT3.0	WAYSIDE SUNLIGHT STUDY	*	10 FIRE SERVICE			FS1.0	FIRE SERVICE SITE PLAN	*
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<p>PROJECT TEAM</p>		<p>VICINITY MAP</p>	<p>PROJECT SUMMARY</p> <p>PROJECT DESCRIPTION THE PROPOSED DEVELOPMENT SCOPE IS CONSTRUCTING A NEW HEADQUARTERS AND COUNTERTOP FABRICATION FACILITY FOR PRECISION COUNTERTOPS. THE PROPOSED BUILDING IS APPROXIMATELY 65,800 SF CONSISTS OF A 3000SF SHOWROOM, OFFICE, STORAGE, AND FABRICATION SPACES. THE BUILDING WILL BE CONSTRUCTED WITH METAL CONSTRUCTION. THE STRUCTURE WILL HAVE A VARYING HEIGHT OF 29'-0". THE DEVELOPMENT WILL BE OCCUPYING APPROXIMATELY 4.34 ACRES OF THE 9.32 ACRES PROPERTY. THE EASTERN PORTION OF THE SITE WOULD BE HELD FOR FUTURE DEVELOPMENT OR EXPANSION. NO WORK SHALL BE DONE BEYOND THE LIMIT OF THE CONSTRUCTION BOUNDARY.</p> <p>LOT DESCRIPTION MAP & TAX LOT ID #2S128BC00700 A PORTION OF LOT 12, GARDEN ACRES, LOCATED IN THE WEST 1/2 OF THE WEST 1/2 OF SECTION 2, TOWNSHIP 3 SOUTH, RANGE 1 WEST, OF THE WILLAMETTE MERIDIAN, WASHINGTON COUNTY, OREGON</p> <p>PLANNING APPROVALS DB22-0011, SEE CONDITIONS OF APPROVAL ON SHEET G.02</p>																																																																																																																																													

Client/ Owner:
PRECISION COUNTERTOPS

26200 SW 95th Ave,
Wilsonville OR 97070

Project:
PRECISION COUNTERTOPS

SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:
COVER SHEET

Revisions:
Description Date

City of Wilsonville
Exhibit B2 DB22-0011

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Date: 02/06/2023
Job Number: 121036

Sheet



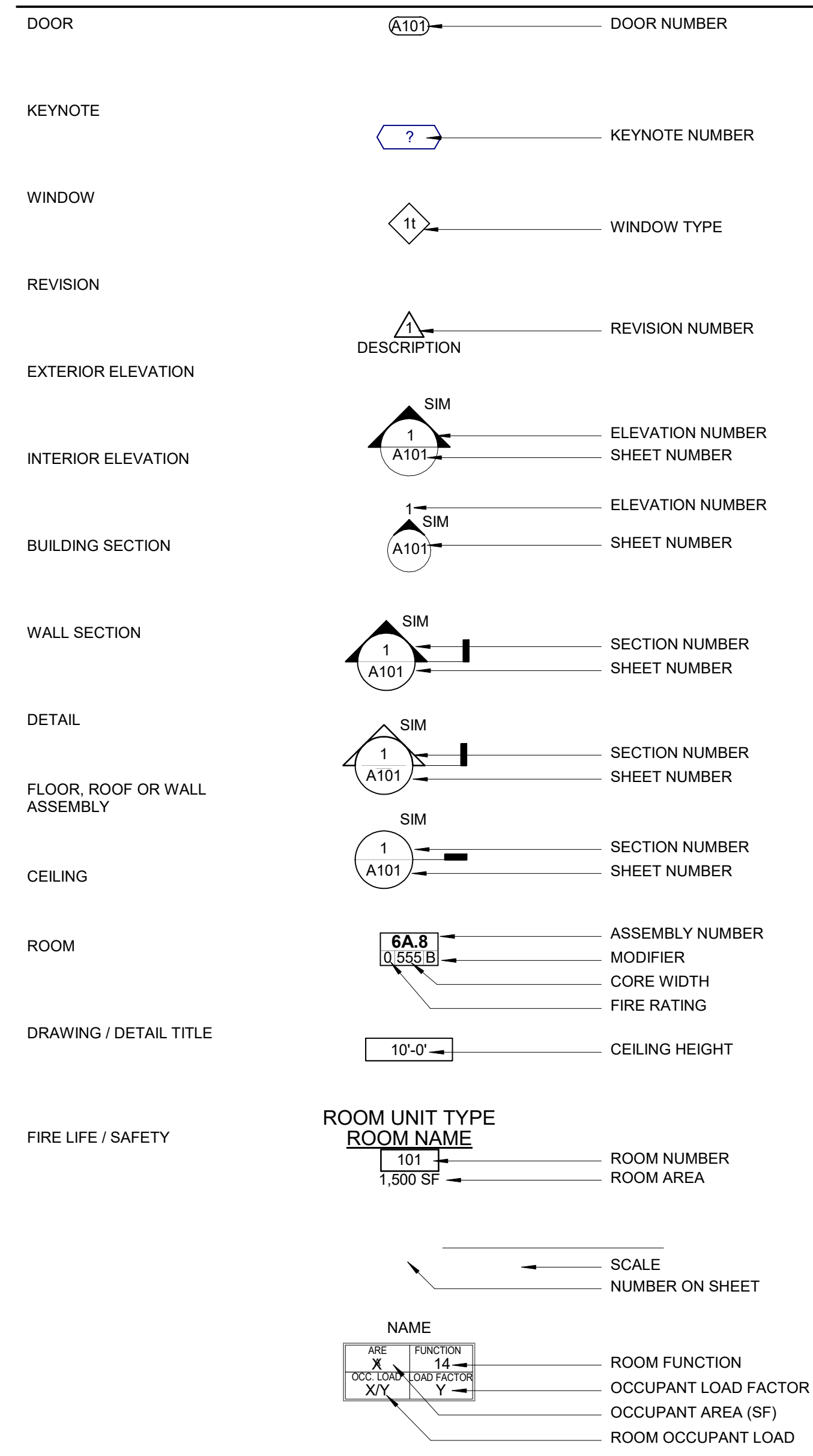
ABBREVIATIONS

AV	AUDIO VISUAL
AB	ANCHOR BOLT
AC	AIR CONDITIONING, ASPHALTIC CONCRETE
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADJ	ADJUST, ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AI	ALIGN
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AUTO	AUTOMATIC
B#	BASE
BALC	BALCONY
BB	BOARD
BITUM	BITUMINOUS
BKR	BACKER
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOC	BOTTOM OF CURB
BOT/BTM	BOTTOM
BOW	BOTTOM OF WALL
BSMT	BASEMENT
BTR	BETTER
BU	BUILT-UP
C#	CARPET
CW	CURTAIN WALL
CAB	CABINET
CATV	CABLE TV
CB	CATCH BASIN
CEM	CEMENT, CEMENTITIOUS
CG	CORNER GUARD
CHEM	CHEMICAL
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
COL	COLUMN
COL	PLASTER, PLASTIC
COMP	COMPOSITE
CONC	CONCRETE
COND	CONDITION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET
CTR	CENTER
CU	CUBIC
CUST	CUSTOM
DW	DISHWASHER
DBL	DOUBLE
DEFL	DEFLECTION
DEMO	DEMOLITION
DEPT	DEPARTMENT
DIA	DIAMETER
DM	DIMENSION
DRAW	DRAWING
(E)	EXISTING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENTR	ENTRANCE
EPS	EXPANDED POLYSTYRENE
EQ	EQUAL
EQPM	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXPO	EXPOSED
EXT	EXTERIOR
EF	EXHAUST FAN
F	FABRIC, FIBER
FA	FIRE ALARM, FLUID APPLIED
FAB	FABRICATIONS
FB	FLAT BAR
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR, FACTORY FINISH
FF SAM	FOIL FACED SELF-ADHERED MEMBRANE
FFE	FINISH FLOOR ELEVATION
FG	FULL GLASS
FGC	FIBERGLASS
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FLRG	FLOORING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FR	FIRE RATED, FIRE RESISTIVE
FRT	FIRE RETARDANT TREATED
FT	FOOT, FEET
FTG	FOOTING
FUT	FUTURE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GAR	GARAGE
GB	GRAB BAR
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS, GLAZING
GLB	GLU-LAMINATED BEAM
GND	GROUND
GR	GRADE
GYP	GYPSUM
HB	HOSE BIBB
HC	HOLLOW CORE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HT SAM	HIGH TEMPERATURE SELF-ADHERED MEMBRANE
IAW	IN ACCORDANCE WITH
ICF	INSULATED CONCRETE FORMS
ID	INSIDE DIAMETER
IN	INCH, INCHES
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JST	JOIST
JT	JOINT, JOINTS
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAL FEET
LN	LINEAR
LN FT	LINEAL FEET
LT	LIGHT

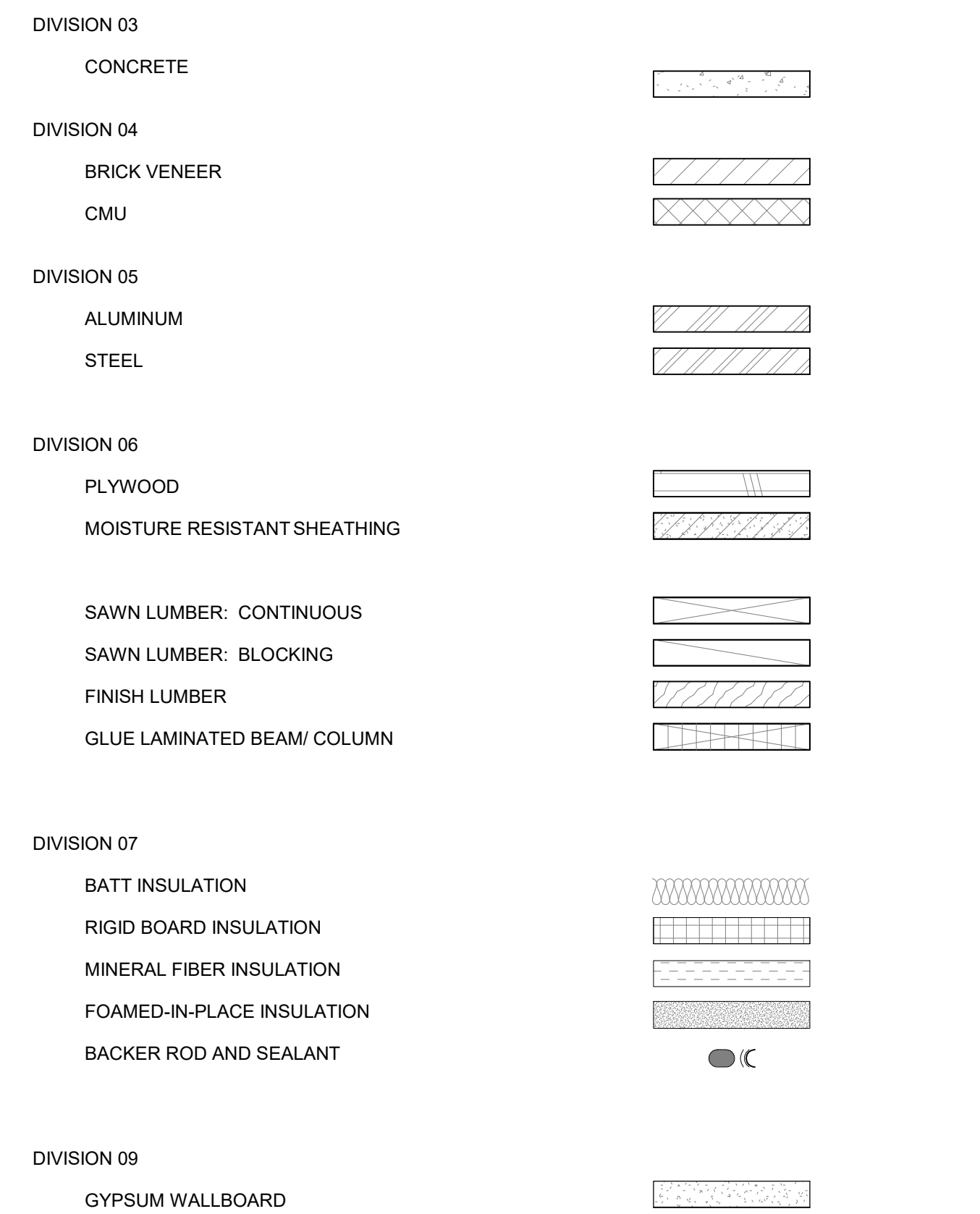
ABBREVIATIONS

MACH	MACHINE
MAINT	MAINTENANCE
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDICATION, MEDICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTL	METAL
MUL	MULLION
N-C	NO CEILING
NC	NON-COMBUSTIBLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE, OPPOSITE HAND
OZ	OUNCE
P	PAINT
P/L	PROPERTY LINE
PC	PRECAST
PED	PEDESTRIAN
PERF	PERFORATED
PH	PENTHOUSE
PKG	PARKING
PL	PLATE
PLJ	PLASTIC LAMINATE (PLAM)
PLAST	PLASTER, PLASTIC
PNL	PANEL
POLYISO	POLYISOCYANURATE
PP	POWER POLE
PR	PAIR
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PREM	PREMIUM
PROP	PROPERTY
PSI	POUNDS PER SQUARE INCH
PT	PRESERVATIVE TREATED, POST-TENSIONED
PTD	PAPER TOWEL DISPENSER
PTD/R	PAPER TOWEL DISPENSER AND RECEPTACLE
PWD	PLYWOOD
R	RISER, RISERS
RAD	RADIUS
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REHAB	REHABILITATION
REINF	REINFORCED, REINFORCING
REQ	REQUIREMENTS, REQUIRED
RF	RESILIENT FLOORING
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING
RR	REST ROOM
SAM	SELF-ADHERED MEMBRANE
SBS	STYRENE BUTADIENE STYRENE
SC	SEALED CONCRETE, SOLID CORE
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SECT	SECTION, SECTIONAL
SF	SQUARE FEET, STOREFRONT
SG	SAFETY GLASS
SGL	SINGLE
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SOG	SLAB ON GRADE
SOQ	SQUARE
SS	STAINLESS STEEL
SS#	SOLID SURFACE
STD	STANDARD
STL	STEEL
STOR	STORAGE
STR	STAIR, STAIRS
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL, SYMBOL
T	TREAD, TREADS
TF	TILE
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T&M	TIME AND MATERIALS
TEL	TELEPHONE, TELECOMM
THK	THICK
TOC	TOP OF CURB
TOPL	TOP OF PLATE
TOPV	TOP OF PAVEMENT
TOW	TOP OF WALL
TPO	TOILET PAPER DISPENSER
TU	TILT-UP
TV	TELEVISION
TYP	TYPICAL
UNDL	UNDERLAYMENT
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VCT	VINYL COMPOSITION TILE
VEG	VEGETATED
VERT	VERTICAL
VEST	VESTIBULE
VFY	VERIFY
VG	VERTICAL GRAIN
VNR	VENEER
VP	VENEER PLASTER
VR	VAPOR RETARDER
W/	WITH
WH	WATER HEATER
W/O	WITHOUT
WC	WALLCOVERING, WATER CLOSET
WD	WOOD
WF	WOOD FLOORING
WH	WALL HUNG
WP	WATERPROOF
WPFG	WATERPROOFING
WR	WATER RESISTANT, WATER RESISTIVE
WRB	WEATHER RESISTIVE BARRIER
WT	WEIGHT
WWF	WOVEN WIRE FABRIC
XPS	EXTRUDED POLYSTYRENE
YD	YARD

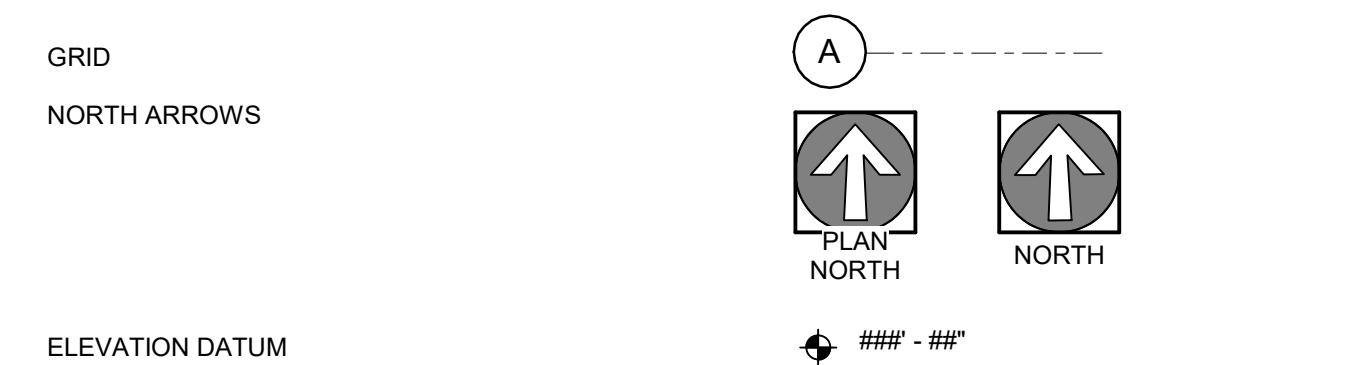
TAGS



MATERIALS



SYMBOLS



PROJECT NOTES

- GENERAL**
- THESE DRAWINGS AND THE ACCOMPANYING SPECIFICATIONS ARE THE PROPERTY OF MDG AND SHALL NOT BE COPIED OR REUSED FOR ANY OTHER PROJECT.
 - THE VARIOUS CONSTRUCTION DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. WHAT IS SHOWN FOR EITHER IS BINDING AND REQUIRED FOR ALL. PROVIDE WORK SHOWN OR REFERRED TO ON ONE SET OF DRAWINGS AS THOUGH SHOWN ON ALL RELATED DRAWINGS. CONTRACTOR TO COORDINATE ALL DRAWINGS AND SPECIFICATIONS TO COMPLETE THE WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS.
 - THE SPECIFICATIONS AND/OR BASIS OF DESIGN SCHEDULE CONTAIN PERTINENT DETAILED INFORMATION ABOUT EACH BUILDING COMPONENT; THEY ARE A PART OF THE CONTRACT DOCUMENTS AND MUST BE USED IN CONJUNCTION WITH THE DRAWINGS.
 - NO BUILDING COMPONENT SHOWN ON THESE DRAWINGS SHALL BE INCORPORATED INTO THE WORK UNTIL SHOP DRAWINGS, SAMPLES, BROCHURES OR OTHER SUBMITTALS CALLED FOR IN THE SPECIFICATIONS HAVE BEEN REVIEWED AND APPROVED BY THE GENERAL CONTRACTOR AND SUBSEQUENTLY REVIEWED BY THE ARCHITECT.
 - VERIFY SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
 - COORDINATE THE WORK OF DELEGATED DESIGNERS WITH THE WORK OF OTHER TRADES.
 - WOOD IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED.
 - CONCEALED WOOD USED IN TYPE I AND TYPE II CONSTRUCTION SHALL BE FIRE RETARDANT TREATED.
 - FASTENERS IN CONTACT WITH TREATED WOOD SHALL BE CORROSION RESISTANT.
 - PROVIDE BLOCKING OR OTHER CONCEALED SUPPORTS WITHIN WALLS AS REQUIRED FOR HANDRAILS, CASEWORK, GRAB BARS, ART WORK, SHELVING, AND OTHER APPLIED WALL MOUNTED FIXTURES, FINISHES OR EQUIPMENT.
 - COORDINATE MECHANICAL, PLUMBING, AND ELECTRICAL ACCESS DOOR LOCATIONS WITH ARCHITECT.
- DIMENSIONS**
- DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS GOVERN.
 - DO NOT ADJUST CLEAR DIMENSIONS WITHOUT APPROVAL OF THE ARCHITECT.
 - DIMENSIONS ARE MEASURED FROM GRID LINES, PROPERTY LINES, FACE OF CONCRETE, FACE OF MASONRY, CENTERLINE OF STUD OR CENTERLINE OF THE AIR GAP (AT DOUBLE STUD ROW WALLS) UNLESS OTHERWISE NOTED.
 - DIMENSIONS NOTED AS 'CLEAR' OR 'INSIDE CLEAR' ARE MEASURED FROM THE FACE OF FINISHED SURFACE(S).
 - NOTES TO 'ALIGN' REFER TO FINISHED FACE OF INDICATED SURFACES.
 - LOCATE FACE OF HINGE SIDE DOOR JAMBS 4" AWAY FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
 - 'FLOOR LINE', 'FLOOR', 'FINISH FLOOR' OR 'FLOOR LEVEL' REFER TO TOP OF CONCRETE SLAB OR TOP OF CEMENTITIOUS UNDERLAYMENT; SCHEDULED FLOORING MATERIAL IS INSTALLED ABOVE THE FLOOR LINE.
- ACCESSIBILITY**
- REFER TO SHEETS STARTING AT G0.2 FOR SPECIFIC ACCESSIBILITY REQUIREMENTS PERTAINING TO OUTLET LOCATIONS AND HEIGHTS, SWITCH LOCATIONS AND HEIGHTS, GRAB BARS, WALL BLOCKING, FLOOR CLEARANCES, COUNTERTOP HEIGHTS, LOCATION OF PLUMBING CONTROLS, ETC.
 - CHANGES IN FINISH FLOOR ELEVATION IN EXCESS OF 1/4" MEASURED FROM LOWEST POINT ON EITHER SIDE OF THRESHOLD TO HIGHEST POINT ON THRESHOLD, SHALL BE BEVELED AT 1:2, 1/2" MAX. IN NO CASE SHALL FLOOR TRANSITIONS AND CHANGES IN LEVEL IN FLOOR SURFACE BE MORE THAN 1/4" MAX IN VERTICAL HEIGHT.
- SIGNAGE**
- PROVIDE EXIT SIGNAGE IN ACCORDANCE WITH OSSC 1013.
 - PROVIDE ACCESSIBILITY SIGNAGE IN ACCORDANCE WITH OSSC 1111.
 - PROVIDE CODE REQUIRED IN CASE OF FIRE. SIGNAGE AT ELEVATOR CALL STATIONS.
 - IDENTIFY ALL FIRE-RATED ENCLOSURES CONCEALED ABOVE CEILINGS USING MIN. 3" HIGH RED LETTERING READING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS".
 - AT EACH FLOOR LANDING IN BUILDING GREATER THAN 3 STORIES:
 - A SIGN INDICATING IF THE STAIR PROVIDES ROOF ACCESS
 - A SIGN INDICATING IF THE STAIR PROVIDES ROOF ACCESS
 - AT LANDINGS OF STAIRS WITH MULTIPLE DOORS, INDICATE ANY DOOR WITH DIRECT ACCESS TO AN ENCLOSED ELEVATOR LOBBY
- HORIZONTAL AND VERTICAL ASSEMBLIES**
- REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF, AND ADDITIONAL REQUIREMENTS FOR LOAD-BEARING AND SHEAR WALLS.
 - STUD SIZE AND CORE THICKNESSES ARE INDICATED ON THE ASSEMBLY TYPE TAGS ON THE DRAWINGS; REFER TO THE TAG LEGEND ON SHEET G0.1.
 - GYPSUM WALLBOARD IS 5/8" TYPE 'X' UNLESS NOTED OTHERWISE.
 - WEATHER-RESISTIVE BARRIERS AND/OR VAPOR RETARDERS DESIGNATED AS 'AB' ALSO FUNCTION AS AIR BARRIERS. SEAL ALL EDGES, INTERSECTIONS AND LAPS, TO CREATE AN AIR-TIGHT ENCLOSURE.
 - FIRE RATED ASSEMBLIES: SEAL ALL EDGES AND INTERSECTIONS WITH FIRE CAULKING; COVER ALL RECESSED DEVICES WITH FIRE PROTECTIVE COVERINGS TO MEET THE REQUIREMENTS OF THE LISTING SOURCE AND AUTHORITY HAVING JURISDICTION (AHJ). INSTALL ALL MATERIALS IN STRICT ACCORDANCE WITH THE PUBLISHED REQUIREMENTS OF THE LISTING SOURCE, INCLUDING BUT NOT LIMITED TO: STUD GAGE AND SPACING; FASTENER SIZE AND SPACING; ORIENTATION OF GYPSUM WALLBOARD; OFFSETS OF JOINTS BETWEEN ADJACENT LAYERS OR OPPOSITE SIDES OF WALL, BRIDGING AND CROSS BRACING.
 - FIRE RATING AGENCY REQUIREMENTS INDICATE THE MINIMUM NEEDED TO ACHIEVE FIRE RATING; ADDITIONAL LAYERS, OR THICKER LAYERS, OF GYPSUM WALLBOARD OR SHEATHING MAY BE SHOWN TO MEET OTHER PROJECT REQUIREMENTS.
 - SEAL AND OTHERWISE PROTECT PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION USING APPROVED FIRESTOPPING SYSTEMS TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY BEING PENETRATED.
 - USE ACOUSTICALLY RATED FIRE SEALANT WHEREVER FIRE RATED CONSTRUCTION IS ALSO ACOUSTICALLY RATED.
 - SEAL PENETRATIONS THROUGH ACOUSTICALLY-RATED CONSTRUCTION TO MAINTAIN THE ACOUSTICAL RATING OF THE ASSEMBLY BEING PENETRATED.
 - SEAL PENETRATIONS IN ACOUSTICALLY RATED WALLS. WRAP BACKS OF ALL RECESSED DEVICES WITH ACOUSTIC PADS RATED FOR THE ASSEMBLY.
 - PROVIDE WATERSTOPS AT COLD JOINTS IN BELOW GRADE CONCRETE ASSEMBLIES AT THE EXTERIOR WALLS OF THE BUILDING.
 - PROVIDE DEFLECTION COMPENSATION AT TOP OF WALLS SECURED TO THE UNDERSIDE OF CONCRETE SLABS OR METAL DECK.
 - INSTALL FIREBLOCKING IN WALLS OF COMBUSTIBLE FRAMING AT THE CEILING AND FLOOR LEVELS AND AT MAX HORIZONTAL INTERVALS OF 10 FEET OR AS REQUIRED BY THE AHJ.
 - INSTALL FIREBLOCKING AT THE INTERSECTION OF COMBUSTIBLE WALLS AND HORIZONTAL ASSEMBLIES WITH CONCEALED SPACES OF AS REQUIRED BY THE AHJ.
 - INSTALL FIREBLOCKING IN STAIRS OF COMBUSTIBLE FRAMING IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF EACH RUN OR AS REQUIRED BY THE AHJ.
 - INSTALL FIREBLOCKING IN CONCEALED SPACES BEHIND EXTERIOR WALL COVERINGS OF COMBUSTIBLE MATERIALS AT MAX. 20 FOOT INTERVALS WITH NO CONCEALED SPACE EXCEEDING 100 SQUARE FEET OR AS REQUIRED BY THE AHJ.

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PROJECT DATA

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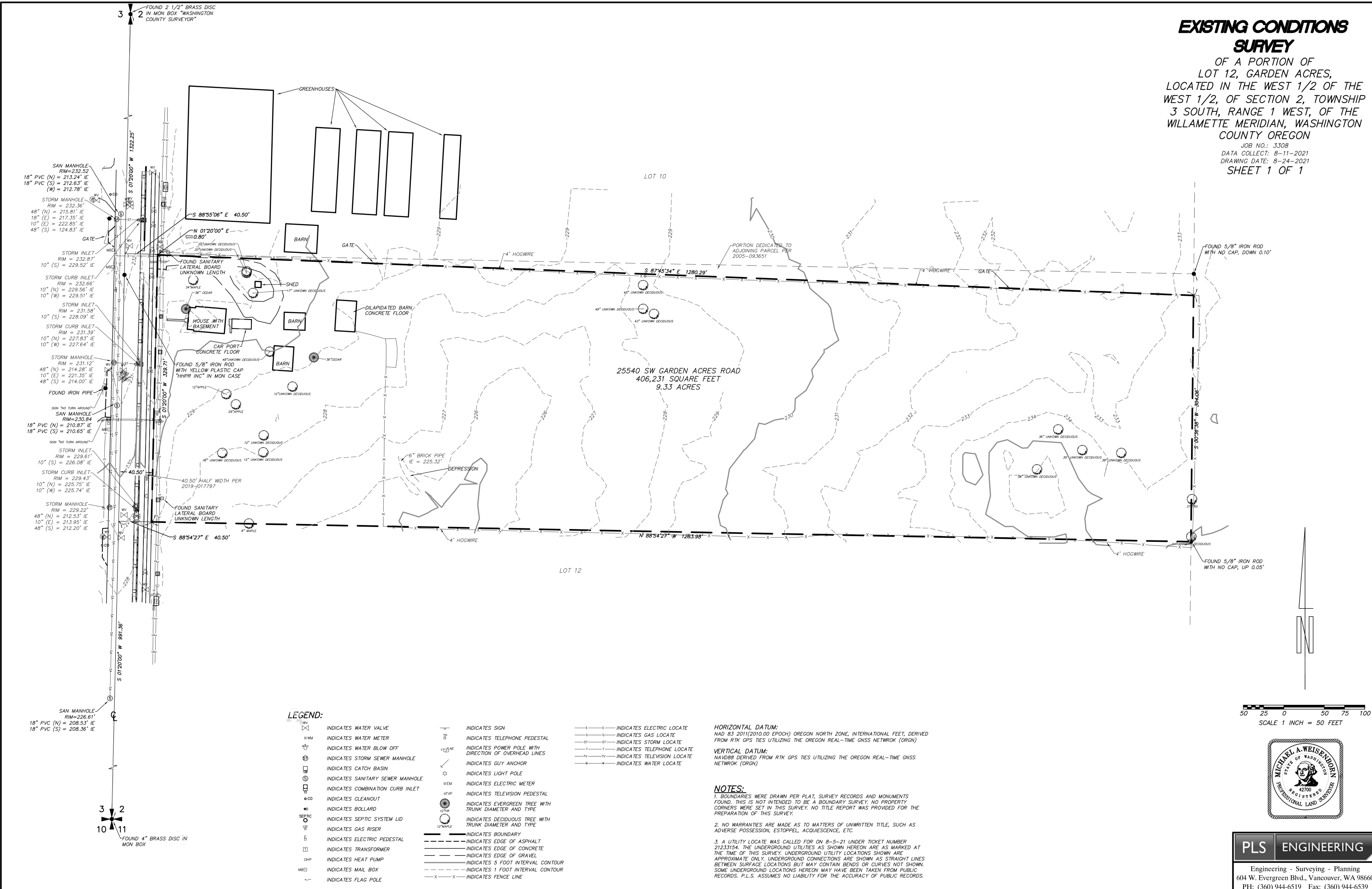
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EXISTING CONDITIONS SURVEY
OF A PORTION OF LOT 12, GARDEN ACRES, LOCATED IN THE WEST 1/2 OF THE WEST 1/2, OF SECTION 2, TOWNSHIP 3 SOUTH, RANGE 1 WEST, OF THE WILLAMETTE MERIDIAN, WASHINGTON COUNTY OREGON
JOB NO.: 3308
DATA COLLECT: 8-11-2021
DRAWING DATE: 8-24-2021
SHEET 1 OF 1



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SITE SURVEY AND EXISTING CONDITIONS

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SCALE 1 INCH = 50 FEET



PLS ENGINEERING
Engineering - Surveying - Planning
604 W. Evergreen Blvd., Vancouver, WA 98660
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**CONSTRUCTION
STAGING**

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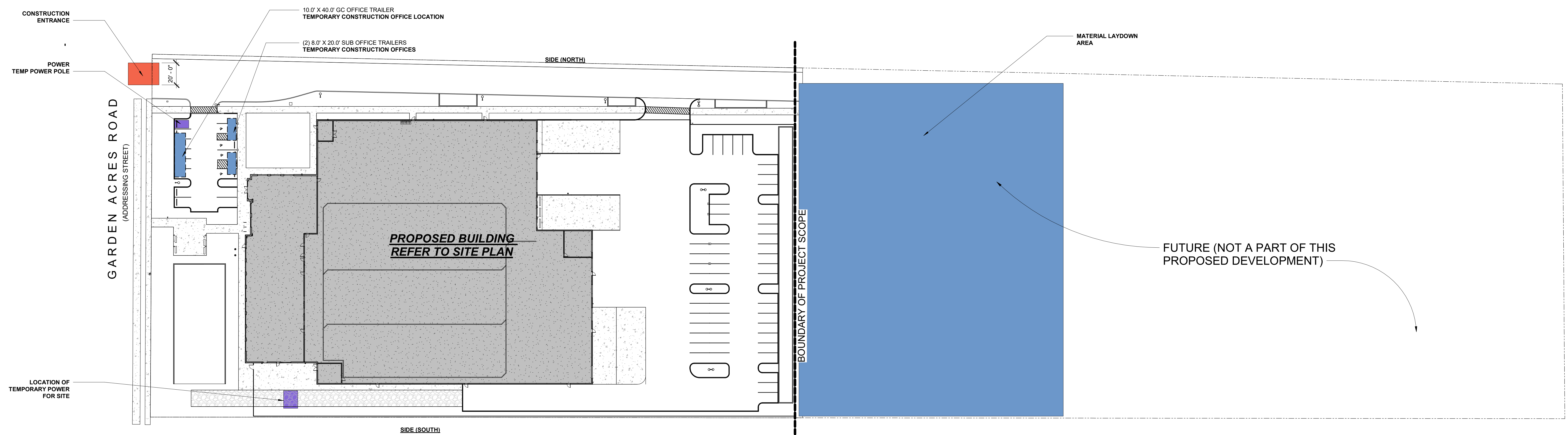
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1 CONSTRUCTION STAGING PLAN
1" = 40'-0"

**DURATION OF THE TEMPORARY
CONSTRUCTION OFFICE 18-24 MONTHS**



VIEW A - MAIN ENTRANCE VIEW FROM GARDEN ACRES ROAD



VIEW B - VIEW FROM WAYSIDE

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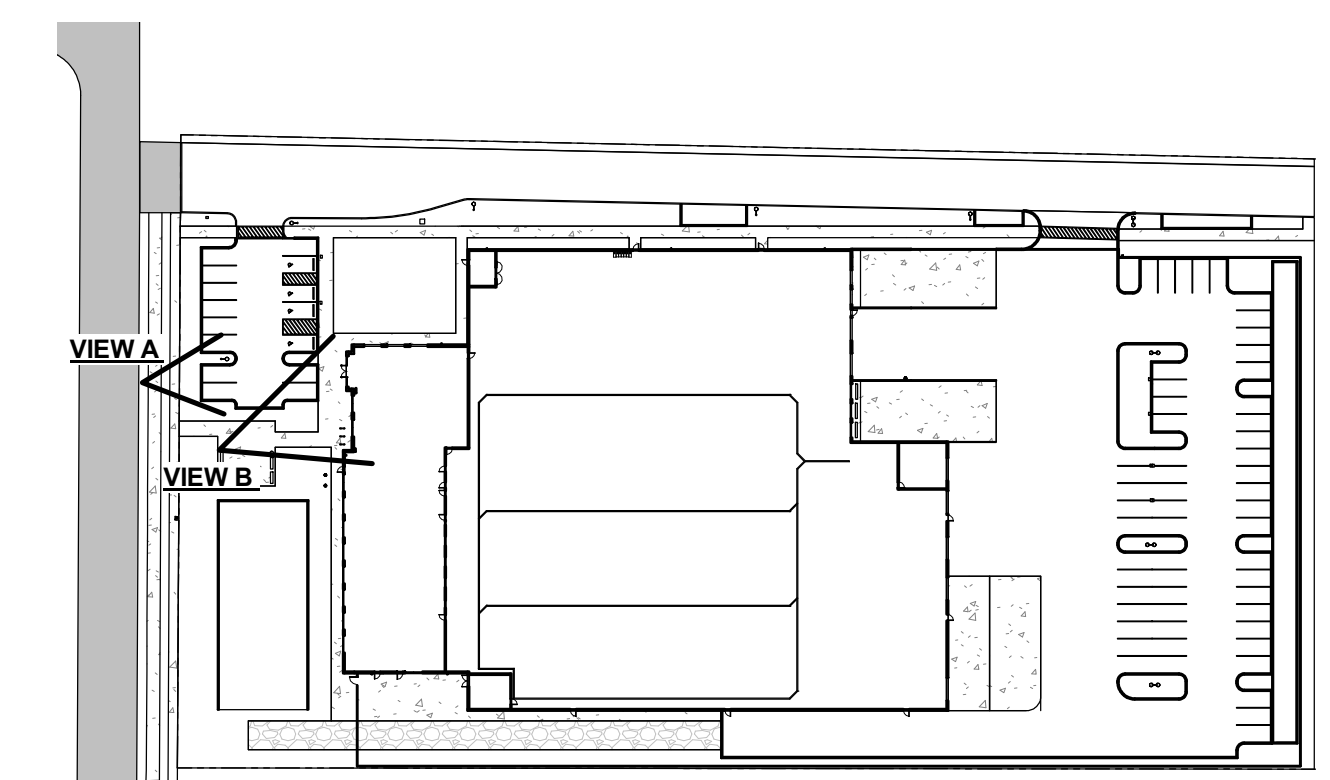
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VIEW C - LOADING DOCK VIEW - CURRENT CONDITION



VIEW C - LOADING DOCK VIEW - FUTURE JAVA ROAD CONDITION

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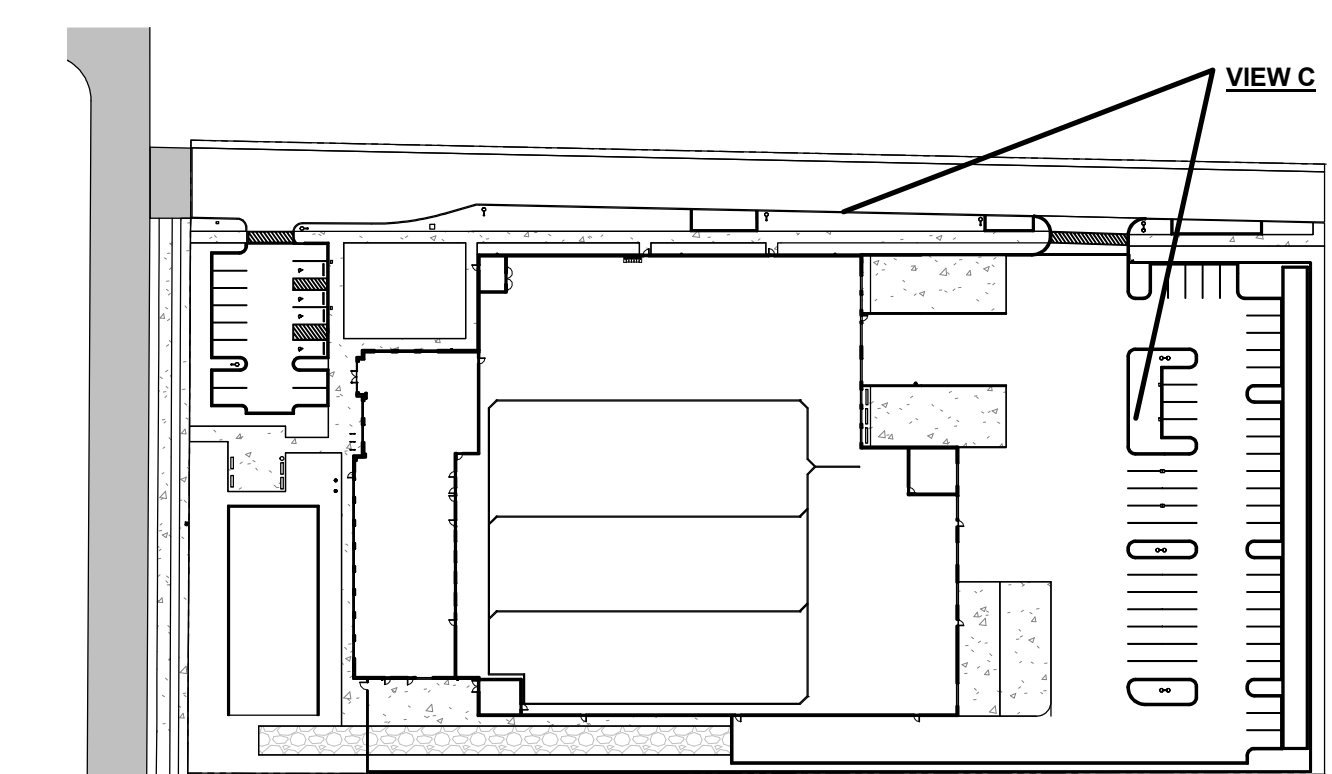
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VIEW D - FRONT DOCK VIEW - CURRENT CONDITION



VIEW D - FRONT VIEW - FUTURE JAVA ROAD CONDITION

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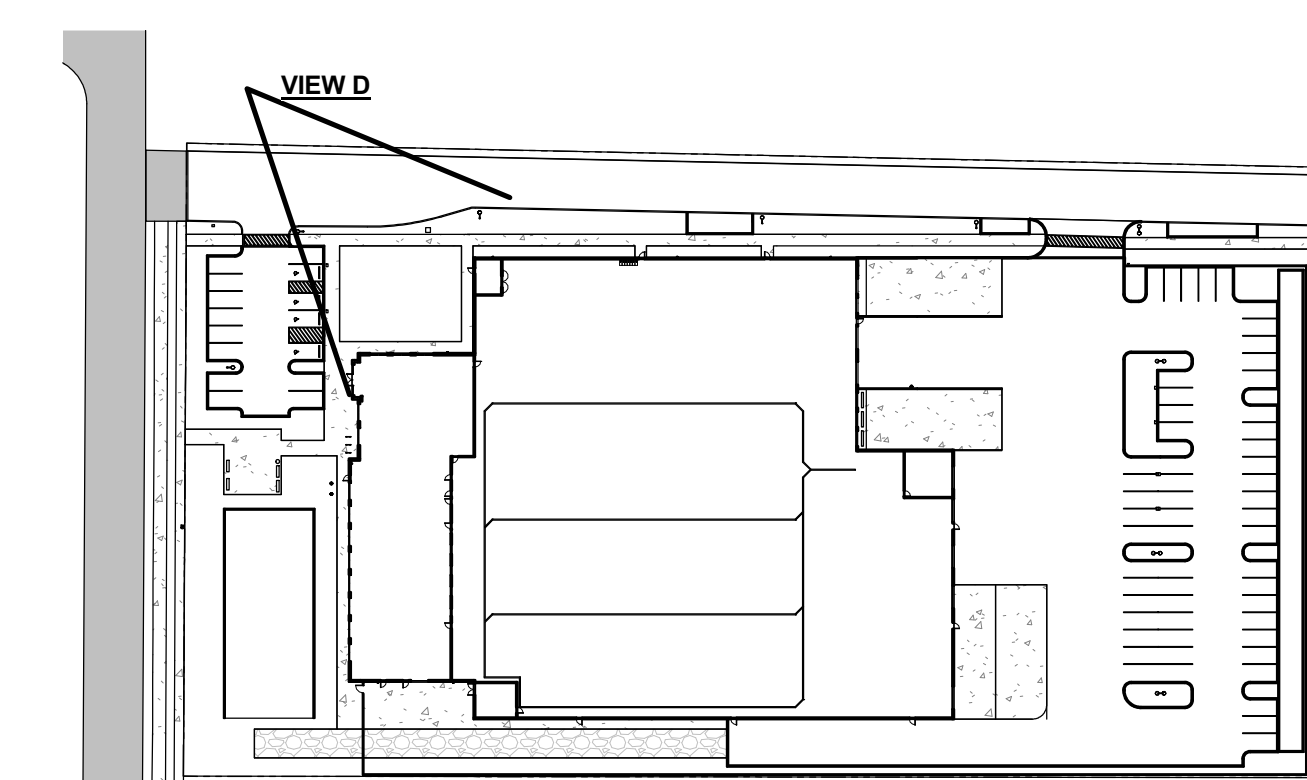
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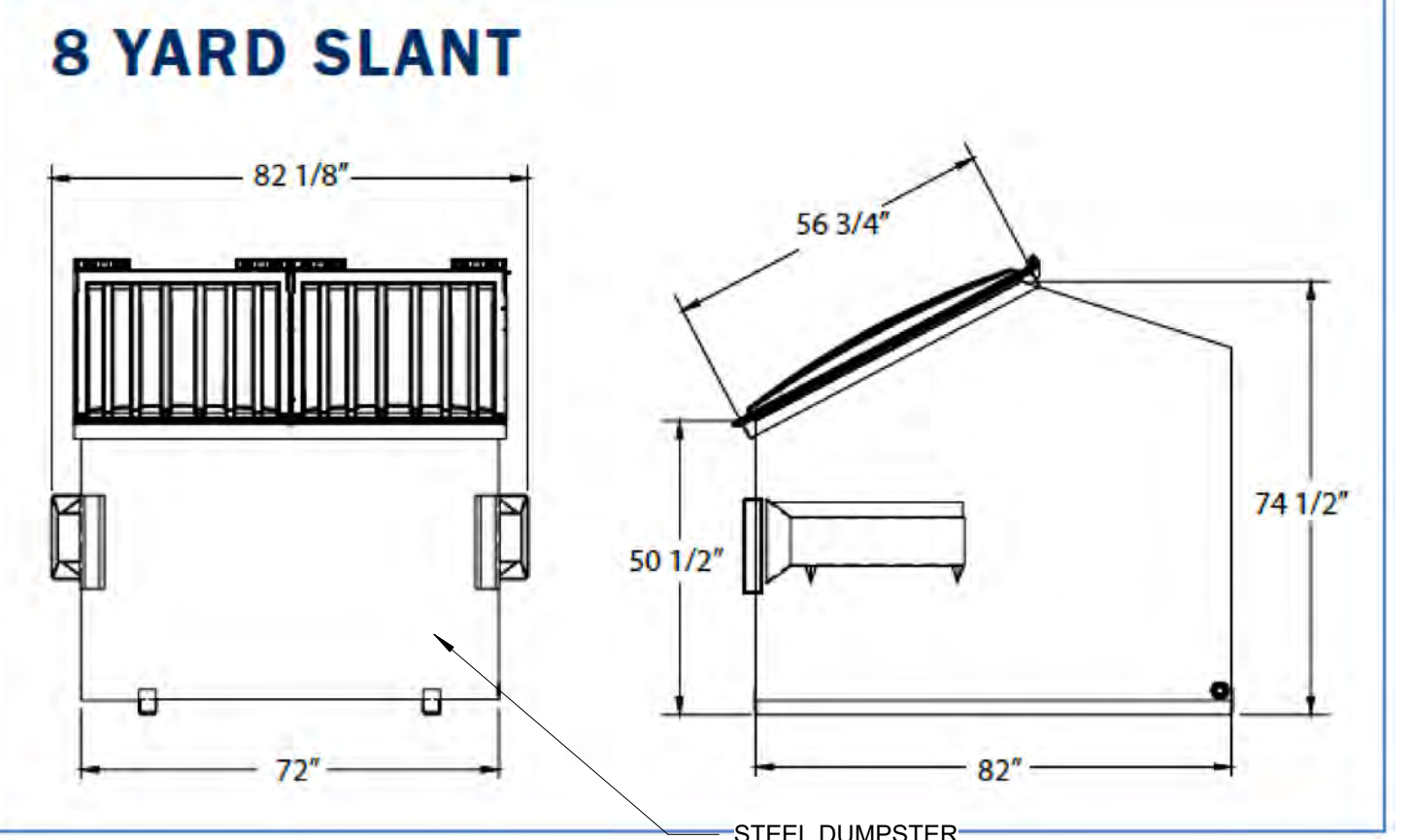
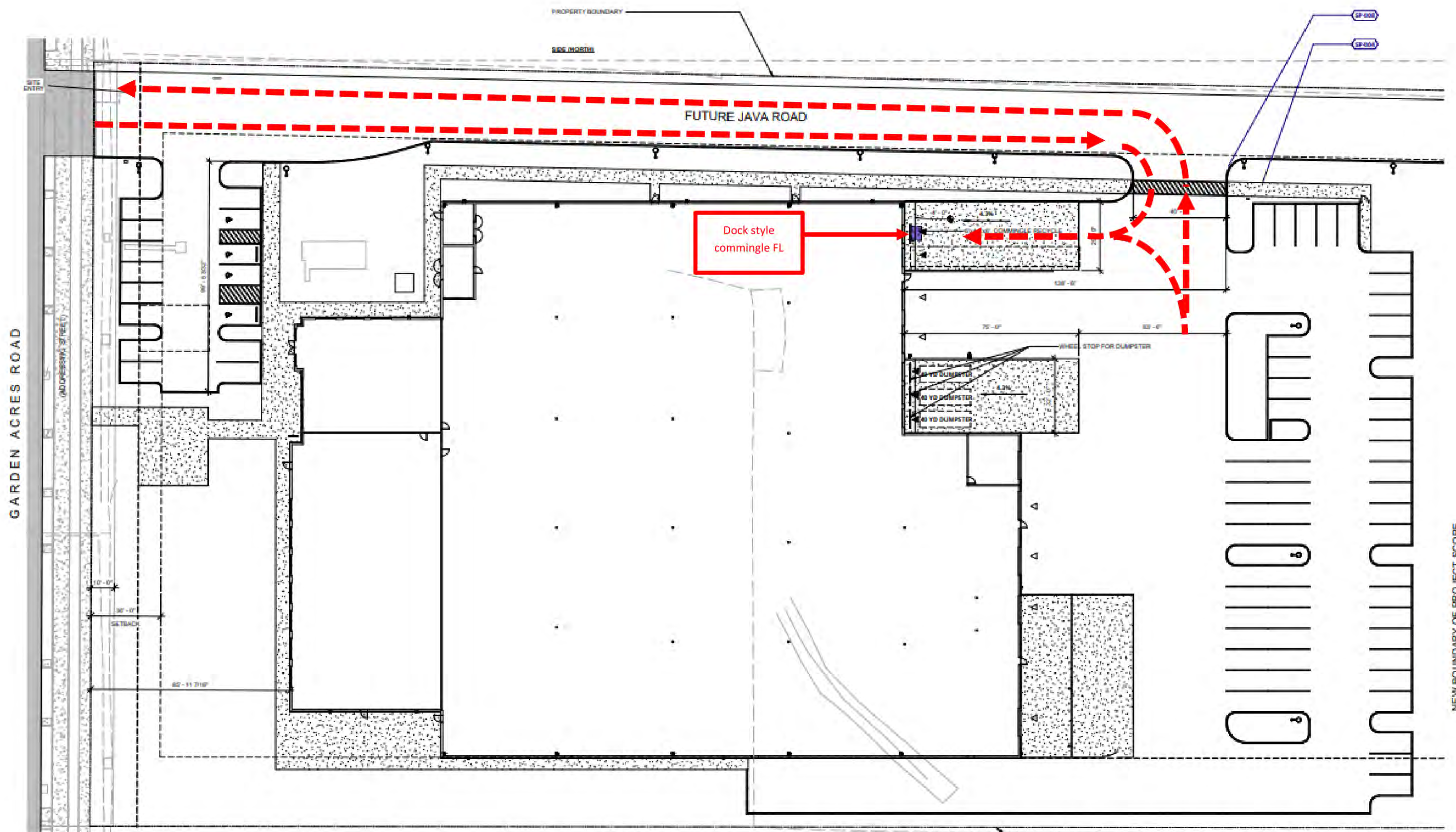
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Revisions:

#	Description	Date





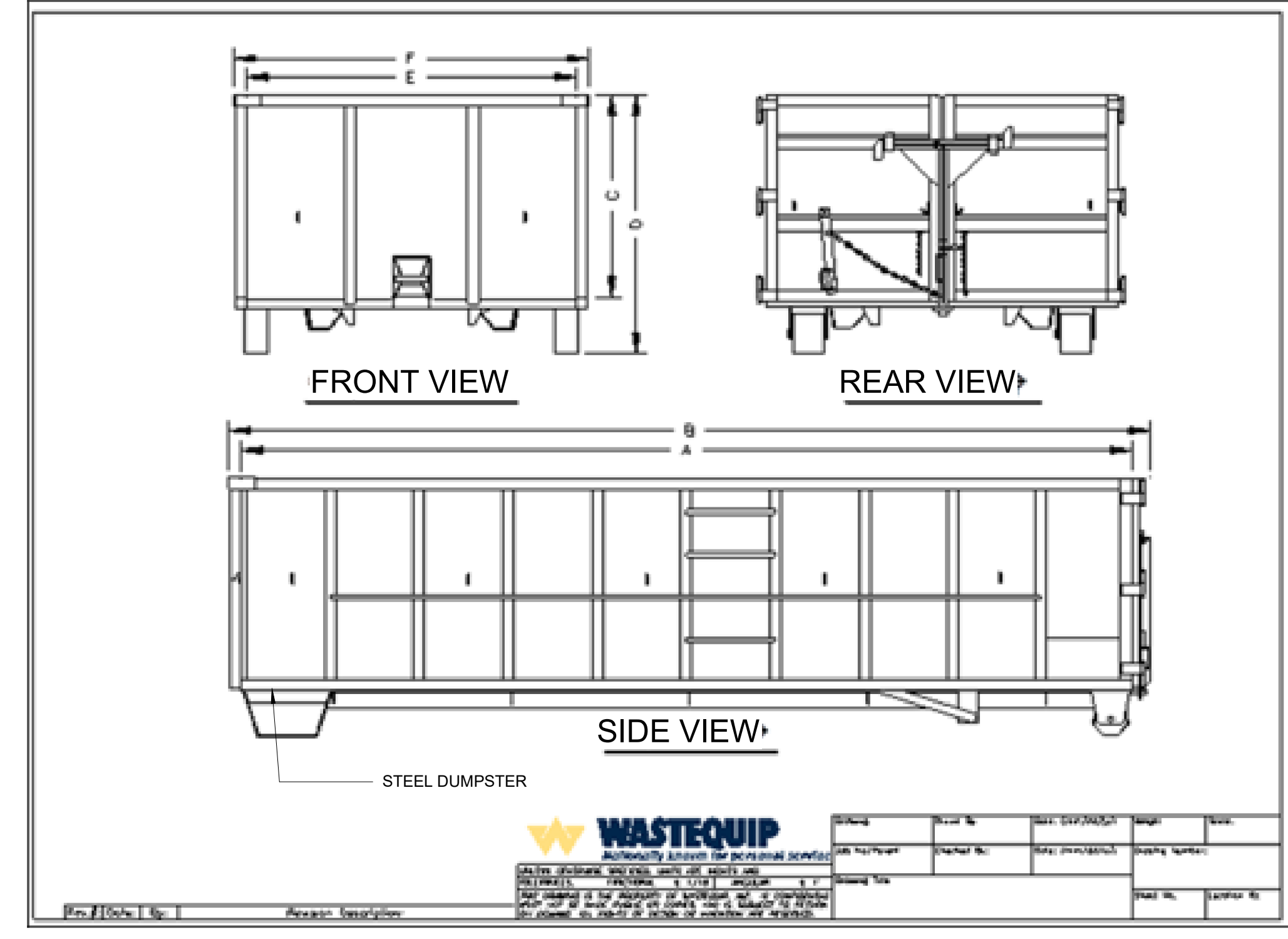
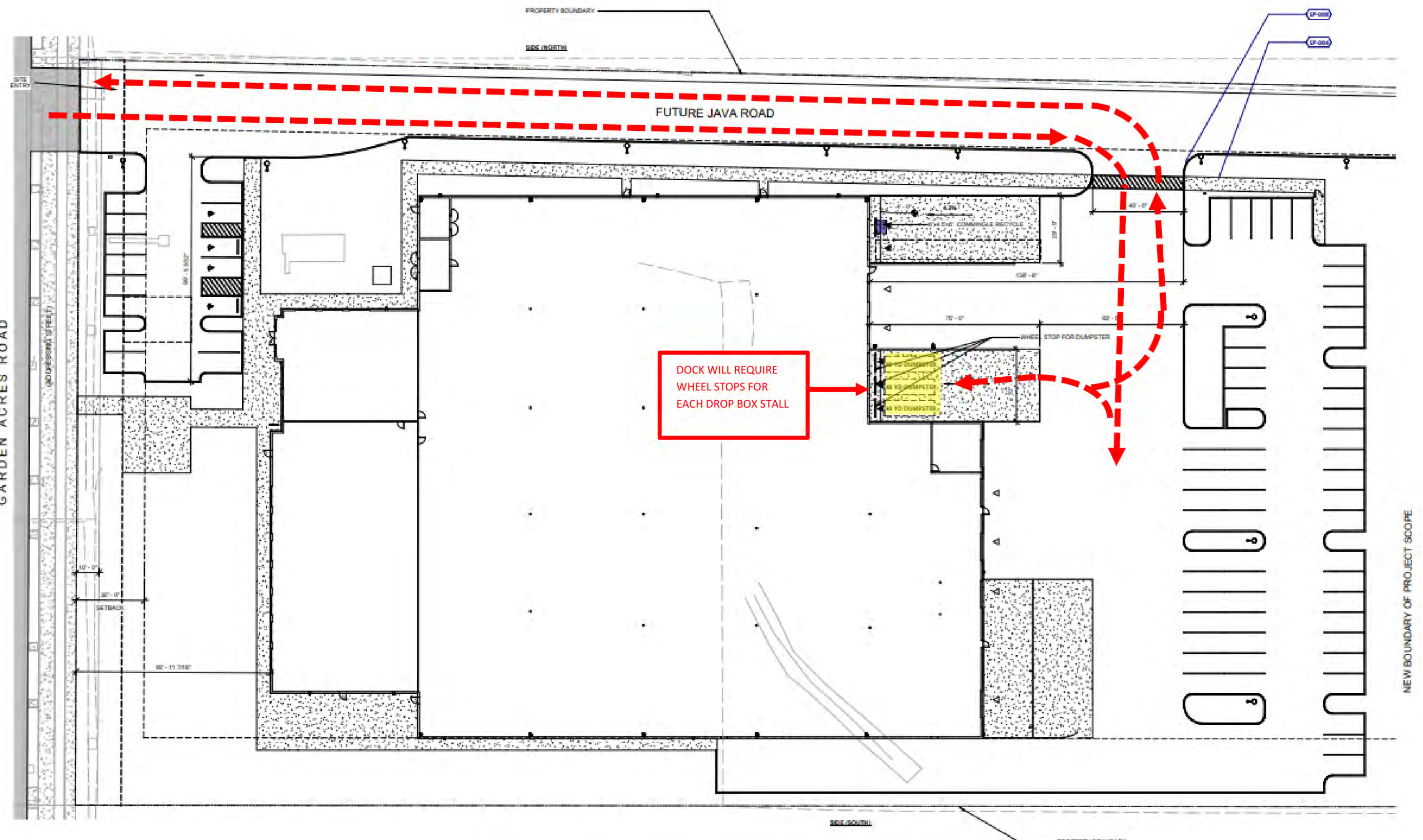
SPECIFICATION SHEET FOR COMINGLED RECYCLING CONTAINER OBTAINED FROM REPUBLIC SERVICES

FRONT LOAD RECYCLE

**Wastequip Oregon
Wastequip Style Drop Box Dimensions**

Cubic YDS	Box Length I.D. (A)	Box Length O.D. (B)	Wall Height I.D. (C.)	OVERALL Height O.D. (D)	WIDTH I.D. (E)	WIDTH O.D. (F)	Wall/ Floor all 12	Wall/ Floor 12g/1 0g	Wall/ Floor all 10 g
10 yd	12 ft.	12 ft. 8in.	37"	53"	89"	95"			
15 yd	12 ft.	12 ft. 8in.	54"	70"	89"	95"			
20 yd	16 ft.	16 ft. 8 in.	55"	71"	89"	95"			
20 yd	20 ft.	20 ft. 8 in.	44"	60"	89"	95"			
20 yd	22 ft.	22 ft. 8 in.	40"	56"	89"	95"			
25 yd	18 ft.	18 ft. 8 in.	61"	77"	89"	95"			
30 yd	20 ft.	20 ft. 8 in.	66"	82"	89"	95"			
30 yd	22 ft.	22 ft. 8 in.	61"	77"	89"	95"			
40 yd	20 ft.	20 ft. 8 in.	88"	104"	89"	95"			
40 yd	22 ft.	22 ft. 8 in.	80"	96"	89"	95"			
50 yd	22 ft.	22 ft. 8 in.	98"	114"	89"	95"			

Our standard box is a endless chain roll-off system-Superior Hook up



SPECIFICATION SHEET FOR 40 YARD DUMPSTER OBTAINED FROM REPUBLIC SERVICES

DROP BOX TRASH / RECYCLE



January 31, 2023

Simone O'Halloran / MDG

Re: Precision Countertop
25540 SW Garden Acres Rd.
Wilsonville, OR 97140

Dear Simone,

Thank you, for sending us the revised site design plans for this proposed development in Wilsonville.

My Company: Republic Services of Clackamas and Washington Counties has the franchise agreement to service this area with the City of Wilsonville. We will provide complete industrial and commercial waste removal and recycling services as needed on a weekly basis for this location

We have reviewed the revised site design that you sent us on January 26, 2023 and have determined that the design modifications will allow Republic Services to provide trash and recycle service at this location as previously approved on May 30, 2022.

Thanks Simone, for your help and concerns for our services prior to this project being developed.

Sincerely,

Kelly Herrad
Operations Supervisor
Republic Services Inc.

SERVICE PROVIDER LETTER FROM REPUBLIC SERVICE OBTAINED FROM REPUBLIC SERVICES 1/31/2023

Client/ Owner:
PRECISION COUNTERTOPS

26200 SW 95th Ave,
Wilsonville OR 97070

Project:
PRECISION COUNTERTOPS

SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:
RECYCLING FLOW & DETAILS

Revisions:
Description Date

GENERAL UTILITY NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE JURISDICTION.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT EDITION OF THE PLUMBING CODE, BUILDING CODE, AND THE FIRE CODE.
- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
- THE CONTRACTOR SHALL NOTIFY THE OREGON UTILITY NOTIFICATION CENTER (800 332 2344) THREE BUSINESS DAYS PRIOR TO ANY EXCAVATION.
- EXISTING CONDITIONS BASED ON TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY PREPARED BY PLS SURVEYING, PROVIDED AUGUST 2021 AND UPDATED MARCH 2022. EXISTING CONDITIONS ARE ALSO BASED ON GARDEN ACRES CONSTRUCTION PLANS PROVIDED BY PLS SURVEYING.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF PRIVATE UTILITIES SUCH AS GAS, TELEPHONE, POWER, CABLE TELEVISION, ETC. CONFIRM VAULT LOCATIONS WITH ARCHITECT.
- THE CONTRACTOR SHALL KEEP THE ARCHITECT AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 48-HOUR NOTICE IS REQUIRED.
- THE CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING CONDITIONS. EXISTING UTILITIES AND POINTS OF CONNECTION TO EXISTING UTILITIES AND LOCATIONS WHERE NEW UTILITIES WILL CROSS EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BY POTHOLES PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SCHEDULE POTHOLES SUCH THAT IF CONFLICTS ARE ENCOUNTERED, SUFFICIENT TIME EXISTS TO PREPARE MODIFIED DESIGNS AND HAVE THE MODIFICATIONS APPROVED BY THE JURISDICTION WITHOUT IMPACTING THE PROJECT SCHEDULE.
- THIS PLAN IS GENERALLY DIAGRAMMATIC. IT DOES NOT SHOW EVERY JOINT, BEND, FITTING, OR ACCESSORY REQUIRED FOR CONSTRUCTION.
- INSTALL CLEANOUTS AT 100' MAX. AND AT ALL LATERALS PER CODE. PROVIDE CLEANOUTS AS REQUIRED BY THE CURRENT OREGON PLUMBING SPECIALTY CODE. NOT ALL REQUIRED CLEANOUTS ARE SHOWN.
- UTILITIES WITHIN TWO FEET OF A BUILDING SHALL BE CONSTRUCTED OF MATERIALS APPROVED FOR INTERIOR USE AS DESCRIBED IN THE CURRENT EDITION OF THE PLUMBING CODE.
- CHANGES IN DIRECTION OF DRAINAGE AND SEWER PIPING SHALL BE MADE BY THE APPROPRIATE USE OF APPROVED FITTINGS AND SHALL BE OF THE ANGLES PRESENTED BY ONE-SIXTEENTH BEND, ONE-EIGHTH BEND, ONE-SIXTH BEND OR OTHER APPROVED FITTINGS OF EQUIVALENT SWEEP.
- IF DEWATERING IS REQUIRED DURING CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DEWATERING PLAN CONSISTENT WITH CITY OF WILSONVILLE AND CLACKAMAS COUNTY REQUIREMENTS, AND OBTAIN APPROVAL OF THE PLAN FROM BOTH JURISDICTIONS PRIOR TO PROCEEDING WITH DEWATERING.
- THE CONTRACTOR SHALL CLEAN ALL CATCH BASINS AND STORM LINES IMPACTED BY SITE DEVELOPMENT FOLLOWING COMPLETION OF CONSTRUCTION OR AS DIRECTED BY THE CITY OF WILSONVILLE AND CLACKAMAS COUNTY. NO SEDIMENT SHALL BE ALLOWED TO ENTER THE STORM SYSTEM.
- COORDINATE WITH CITY OF WILSONVILLE FOR CONNECTION TO EXISTING PUBLIC WATER MAIN AT THE SW GARDEN ACRES ROAD SITE FRONTAGE. ALL CONNECTIONS TO EXISTING PUBLIC WATER MAIN TO BE BY CITY OF WILSONVILLE APPROVED CONTRACTORS, AS A SUBCONTRACTOR TO THE PROJECT GENERAL CONTRACTOR. CONTRACTOR TO INSTALL PUBLIC MAIN AND HYDRANTS ON SITE TO CITY OF WILSONVILLE PUBLIC WORKS STANDARDS, AVAILABLE FROM THE CITY. INSTALL DOMESTIC METER AND CITY OF WILSONVILLE APPROVED DOMESTIC BACKFLOW PREVENTER ADJACENT TO THE METER. EXTEND SERVICE PIPE TO BUILDING RISER ROOM. SIZE OF DOMESTIC SERVICE, CAPACITY OF METER, BUILDING DOMESTIC WATER DEMAND AND SIZE OF PIPING TO BUILDING IS ASSUMED AND TO BE DETERMINED BY BUILDING PLUMBING DESIGNER PRIOR TO CONSTRUCTION OR ORDERING MATERIAL. CONTRACTOR TO CONFIRM REQUIRED DOMESTIC BACKFLOW PREVENTER TYPE PRIOR TO CONSTRUCTION OR ORDERING MATERIALS; COORDINATE WITH BUILDING PLUMBING DESIGNER. IF REDUCED PRESSURE DOMESTIC BACKFLOW PREVENTER IS REQUIRED BY THE CITY, IT IS TO BE INSTALLED IN ABOVE GRADE HEATED AND INSULATED ENCLOSURE. PROVIDE POWER SOURCE FROM BUILDING FOR ENCLOSURE, COORDINATE WITH PROJECT ELECTRICAL DESIGNER FOR DEDICATED CIRCUIT FOR ENCLOSURE. CONTRACTOR TO DETERMINE IF REMOTE METER READER IS REQUIRED AND PROVIDE AS DIRECTED BY CITY OF WILSONVILLE. IRRIGATION METER SIZE IS BY THE GENERAL CONTRACTOR'S DESIGN-BUILD LANDSCAPE IRRIGATION SUBCONTRACTOR, BASED ON THEIR DEMAND CALCULATIONS. SEE LANDSCAPE PLANS FOR ADDITIONAL IRRIGATION SYSTEM INFORMATION. NO CONNECTIONS MAY OCCUR BETWEEN DOMESTIC METER AND BACKFLOW PREVENTER. PROVIDE MINIMUM 36" OF COVER OVER ALL DOMESTIC WATER PIPING.
- FIRE DCDA TO SERVE BUILDING TO BE INSTALLED IN PUBLIC UTILITY EASEMENT WITH SIZE TO BE DETERMINED BY CONTRACTOR IN CONSULTATION WITH BUILDING FIRE SYSTEM DESIGNER. FIRE LINE PIPE SIZE, HYDRANT PIPE SIZE, AND DCDA SIZE IS ASSUMED AND TO BE DETERMINED BY BUILDING FIRE SYSTEM DESIGNER BASED ON THEIR FLOW TESTING. ALL PUBLIC WATER SYSTEM COMPONENTS TO BE FULLY MECHANICALLY RESTRAINED AND INSTALLATION AND MATERIAL TO BE IN CONFORMANCE WITH THE CURRENT CITY OF WILSONVILLE PUBLIC WORKS STANDARDS, AVAILABLE FROM THE CITY. SITE FIRE PIPING AND FDC PIPING TO BE FULLY MECHANICALLY RESTRAINED WITH PRODUCTS APPROVED BY THE CITY OF WILSONVILLE. PROVIDE A MINIMUM OF 36" OF COVER OVER ALL PUBLIC WATER SYSTEM PIPE AND FITTINGS AND OVER ALL PRIVATE SITE FIRE AND FDC PIPING. NOTE, ADDITIONAL RISERS MAY BE REQUIRED FOR DCDA VAULT TO ALLOW PIPE COVER TO BE ACHIEVED. CONTRACTOR TO PROVIDE SEPARATE DEDICATED ELECTRICAL CIRCUIT FOR VAULT SUMP PUMP, IF PUMP IS REQUIRED BY CITY.
- INSTALL AUTOMATIC DRAIN VALVE IN VAULT AT LOW POINT OF FDC LINE. PROVIDE DRAINAGE FROM VAULT TO CITY OF WILSONVILLE APPROVED LOCATION. SIZE OF FDC PIPE IS ASSUMED AND TO BE DETERMINED BY BUILDING FIRE SYSTEM DESIGNER. FDC TO CONFORM TO REQUIREMENTS OF CITY OF WILSONVILLE FIRE DEPARTMENT. PROVIDE MINIMUM OF 36" OF COVER OVER FDC PIPING.
- PUBLIC WATER AND FIRE LINE, FITTINGS, VALVES, HYDRANTS, AND COMPONENTS TO CONFORM TO THE REQUIREMENTS OF CITY OF WILSONVILLE AND BE FULLY MECHANICALLY RESTRAINED. FIRE PIPING TO BE PVC ASTM C 900, FITTINGS AND ACCESSORIES TO BE COMPLIANT. HYDRANTS TO ALSO CONFORM TO REQUIREMENTS OF CITY OF WILSONVILLE FIRE DEPARTMENT.
- BUILDING SANITARY PIPE SIZE IS ASSUMED AND TO BE CONFIRMED BY BUILDING PLUMBING DESIGNER BASED ON THEIR CALCULATION OF DESIGN FIXTURE DISCHARGE. PIPE TO BE PVC ASTM 3034, SDR 35. SEE BUILDING PLUMBING PLANS FOR SANITARY CONTINUATION WITHIN BUILDING.
- CONTRACTOR TO CONNECT THE ON-SITE SANITARY SEWER PIPE SYSTEM TO EXISTING PUBLIC SANITARY SEWER SERVICE LATERAL IN CONFORMANCE WITH CITY OF WILSONVILLE REQUIREMENTS. CONTRACTOR TO CONNECT SEPARATE SANITARY PIPE FOR FUTURE EASTERN LOT DEVELOPMENT WITH A SEPARATE CONNECTION TO THE PUBLIC SANITARY MAIN IN GARDEN ACRES ROAD. CONNECTION TO CONFORM TO CITY OF WILSONVILLE PUBLIC WORKS STANDARDS AND MAY REQUIRE A SEPARATE PERMIT. CONTRACTOR TO COORDINATE PERMIT ACQUISITION WITH CITY OF WILSONVILLE. CONTRACTOR TO CONFIRM SITE SERVICE LATERAL EXISTS AND DETERMINE DEPTH BY POTHOLES PRIOR TO CONSTRUCTION OF ANY PORTION OF THE ON-SITE SANITARY SYSTEM AND PRIOR TO ORDERING MATERIALS.
- CONTRACTOR TO CONNECT ON-SITE STORM DISCHARGE FROM PLANTERS, RAIN GARDENS, AND STORM PIPE FROM FUTURE EASTERN LOT DEVELOPMENT TO EXISTING PUBLIC SITE SERVICE LATERAL IN CONFORMANCE WITH CITY OF WILSONVILLE REQUIREMENTS. DEPTH AND SIZE OF EXISTING PUBLIC LATERAL IS ASSUMED AND TO BE CONFIRMED BY THE CONTRACTOR BY POTHOLES PRIOR TO COMMENCING ANY STORM SYSTEM CONSTRUCTION OR ORDERING MATERIALS. COORDINATE WITH CITY OF WILSONVILLE STAFF PRIOR TO ANY WORK ON PUBLIC SYSTEM OR WITHIN PUBLIC RIGHT OF WAY.
- PRIVATE STORM SYSTEM OUTSIDE OF BUILDING TO BE EITHER PVC ASTM 3034, SDR 35, POLYETHYLENE, ASTM F 405, OR HDPE AASHTO M 294. PIPE TO BE DUCTILE IRON, CLASS 52 WHEN COVER IS LESS THAN 18".

GENERAL GRADING NOTES

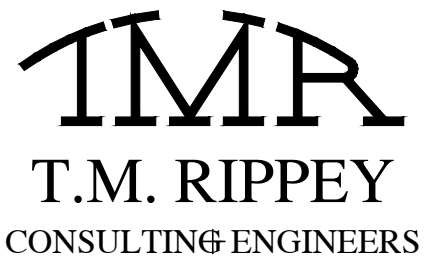
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE JURISDICTION AND THE PROJECT GEOTECHNICAL INVESTIGATION.
- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS, INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
- THE CONTRACTOR SHALL NOTIFY THE OREGON UTILITY NOTIFICATION CENTER (800 332 2344) THREE BUSINESS DAYS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF PRIVATE UTILITIES SUCH AS GAS, TELEPHONE, POWER, DATA, ETC. CONFIRM VAULT LOCATIONS WITH THE ARCHITECT.
- THE CONTRACTOR SHALL KEEP THE ARCHITECT AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 48-HOUR NOTICE IS REQUIRED.
- EXISTING CONDITIONS BASED ON TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY PREPARED BY PLS SURVEYING, PROVIDED AUGUST 2021 AND UPDATED MARCH 2022. EXISTING CONDITIONS ARE ALSO BASED ON GARDEN ACRES CONSTRUCTION PLANS PROVIDED BY PLS SURVEYING.
- FINISHED 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 AND PLANTINGS IN ROUGH GRADING. DISTURBED AREAS NOT INDICATED FOR PLANTING ON THE LANDSCAPE DRAWINGS ARE TO BE SEEDED WITH FIELD GRASS, COORDINATE WITH ARCHITECT AND LANDSCAPE ARCHITECT FOR SPECIFIC INFORMATION.
- GRADING ELEVATIONS AS SHOWN ON PLANS ARE FINISHED GRADE, WHICH INCLUDES PAVING, BASE ROCK, AND SUBGRADE SOIL. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE GRADING WITH BOTH EXCAVATOR AND PAVING CONTRACTOR.
- SEE PROJECT GEOTECHNICAL ANALYSIS FOR ASPHALT AND CONCRETE PAVING AND BASE ROCK THICKNESS AND FOR EXCAVATION, FILL, AND COMPACTION REQUIREMENTS. STORM FACILITY ACCESS ROAD TO BE GRAVEL SURFACED. GRAVEL SECTION TO BE AS INDICATED IN SUPPLEMENT TO PROJECT GEOTECHNICAL ANALYSIS (8" OF 1.5"-0" COMPACTED CRUSHED AGGREGATE ON PROPEX GRIDPRO BXP 12 GEOGRID ON COMPACTED SUBGRADE) AND SATISFIES CRITERIA FOR AN ALL-WEATHER STORM TREATMENT/FLOW CONTROL FACILITY MAINTENANCE ACCESS CAPABLE OF SUPPORTING A 30 TON MAINTENANCE VEHICLE.
- MODULAR BLOCK RETAINING WALLS TO BE CONTRACTOR DESIGN-BUILD, INCLUDING ANY FENCING/FENCE ATTACHMENTS, OR GUARD RAILS. RETAINING WALLS AT TREATMENT/FLOW CONTROL PLANTERS MAY BE EITHER CONTRACTOR DESIGN-BUILD MODULAR BLOCK OR CAST IN PLACE; CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER FOR DESIGN IF CAST IN PLACE. COORDINATE DESIGN AND LOCATION OF ANY REQUIRED FENCING OR GUARD RAILS WITH ARCHITECT. PROVIDE GATES IN FENCING TO ACCESS TO FACILITIES FOR MAINTENANCE/INSPECTION. SEE ARCHITECTURAL PLANS FOR INFORMATION ON FENCING AND GATES.
- SEE LANDSCAPE PLANS FOR PLANTING IN RAIN GARDENS AND PLANTERS, PLANTING TO COMPLY WITH CITY OF WILSONVILLE STANDARDS FOR RAIN GARDENS AND PLANTERS.
- IF DEWATERING IS REQUIRED DURING CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DEWATERING PLAN CONSISTENT WITH CITY OF WILSONVILLE AND CLACKAMAS COUNTY REQUIREMENTS, AND OBTAIN APPROVAL OF THE PLAN FROM BOTH JURISDICTIONS PRIOR TO PROCEEDING WITH DEWATERING.
- THE CONTRACTOR SHALL CLEAN ALL CATCH BASINS AND STORM LINES IMPACTED BY SITE DEVELOPMENT FOLLOWING COMPLETION OF CONSTRUCTION OR AS DIRECTED BY THE CITY OF WILSONVILLE AND CLACKAMAS COUNTY. NO SEDIMENT SHALL BE ALLOWED TO ENTER NEW OR EXISTING INLETS OR OTHER STORM FACILITIES.

CIVIL SHEET INDEX

C0	GENERAL NOTES & LEGEND
C1	EXISTING CONDITIONS PLAN
C1.1	EXISTING CONDITIONS PLAN
C2	GRADING PLAN
C2.1	GRADING PLAN
C3	STORMWATER PLAN
C3.1	STORMWATER PLAN
C4	WATER & SANITARY SEWER PLAN
C4.1	WATER & SANITARY SEWER PLAN
C5	DETAILS
C5.1	DETAILS
C5.2	DETAILS

LEGEND

	PROPOSED	EXISTING
PROJECT BOUNDARY	---	---
PROPERTY LINE	---	---
EASEMENT LINE	---	---
FENCE	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
CONCRETE	---	---
1' CONTOUR	221	221
5' CONTOUR	220	220
STORM SEWER LINE	SD	STM
WATER LINE	W	WAT
SANITARY SEWER LINE	SS	SAN
GAS LINE		GAS
OVERHEAD UTILITY WIRE		OHW
UNDERGROUND POWER LINE		PWR
COMMUNICATION LINE		COM
EXISTING FEATURE OR CONDITION		(E)
CATCH BASIN		CB
TOP OF CURB		TC
GUTTER		G
ASPHALT CONCRETE		AC
CONCRETE		CONC
SIDEWALK		WALK
BACKFLOW PREVENTER		BFP
PERFORATED PIPE		PERF
TOP OF STEP		TS
BOTTOM OF STEP		BS
TOP OF WALL		TW
BOTTOM OF WALL AT FINISHED GRADE		BW
FINISHED GRADE		FG
FOOTING		FTG
BACKFLOW PREVENTER		BFP
WATER SURFACE ELEVATION		WSE
GROWING MEDIUM		GM
BOTTOM		BOT
GENERAL GRADING NOTES		GGN
GENERAL UTILITY NOTES		GUN



7650 SW Beveland, Suite 100
Tigard, Oregon 97223
Phone: (503) 443-3900
Fax: (503) 443-3700

Client/ Owner:

Project:

Precision Countertops

25540 SW Garden Acres Rd.
Wilsonville OR

Sheet Title:

General Notes & Legend

Revisions:

#	Description	Date
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Date: 2023-02-07

Drawn by: AS Checked by: KJK

AS KJK

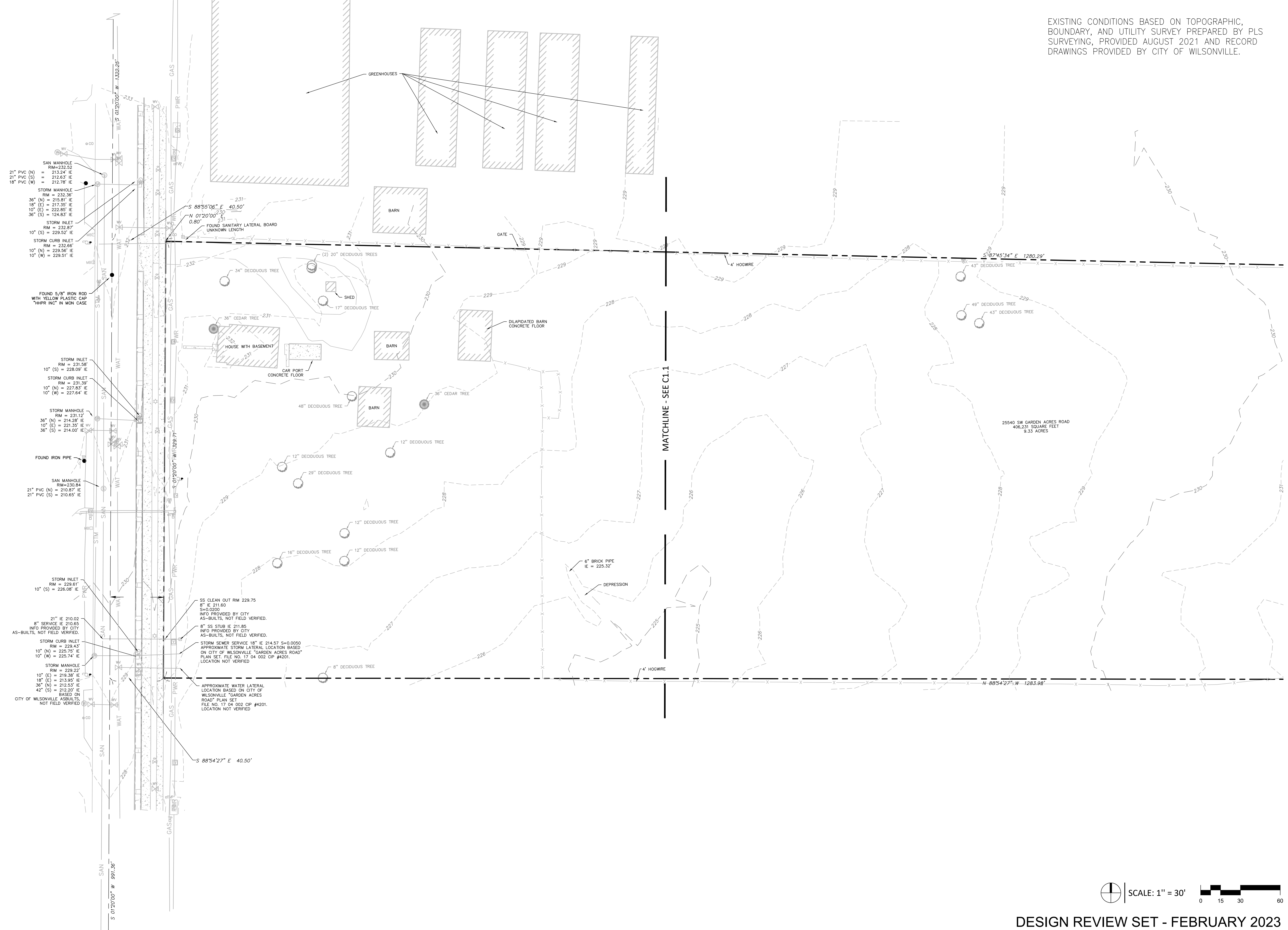
TMR Job Number: 21279

Sheet

DESIGN REVIEW SET - FEBRUARY 2023

C0

EXISTING CONDITIONS BASED ON TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY PREPARED BY PLS SURVEYING, PROVIDED AUGUST 2021 AND RECORD DRAWINGS PROVIDED BY CITY OF WILSONVILLE.



Client/ Owner:

Project:
**Precision
 Countertops**

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:

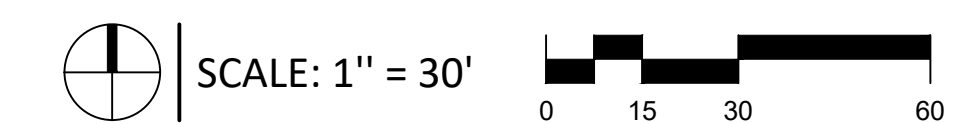
**Existing
 Conditions
 Plan**

Revisions:
 # Description Date

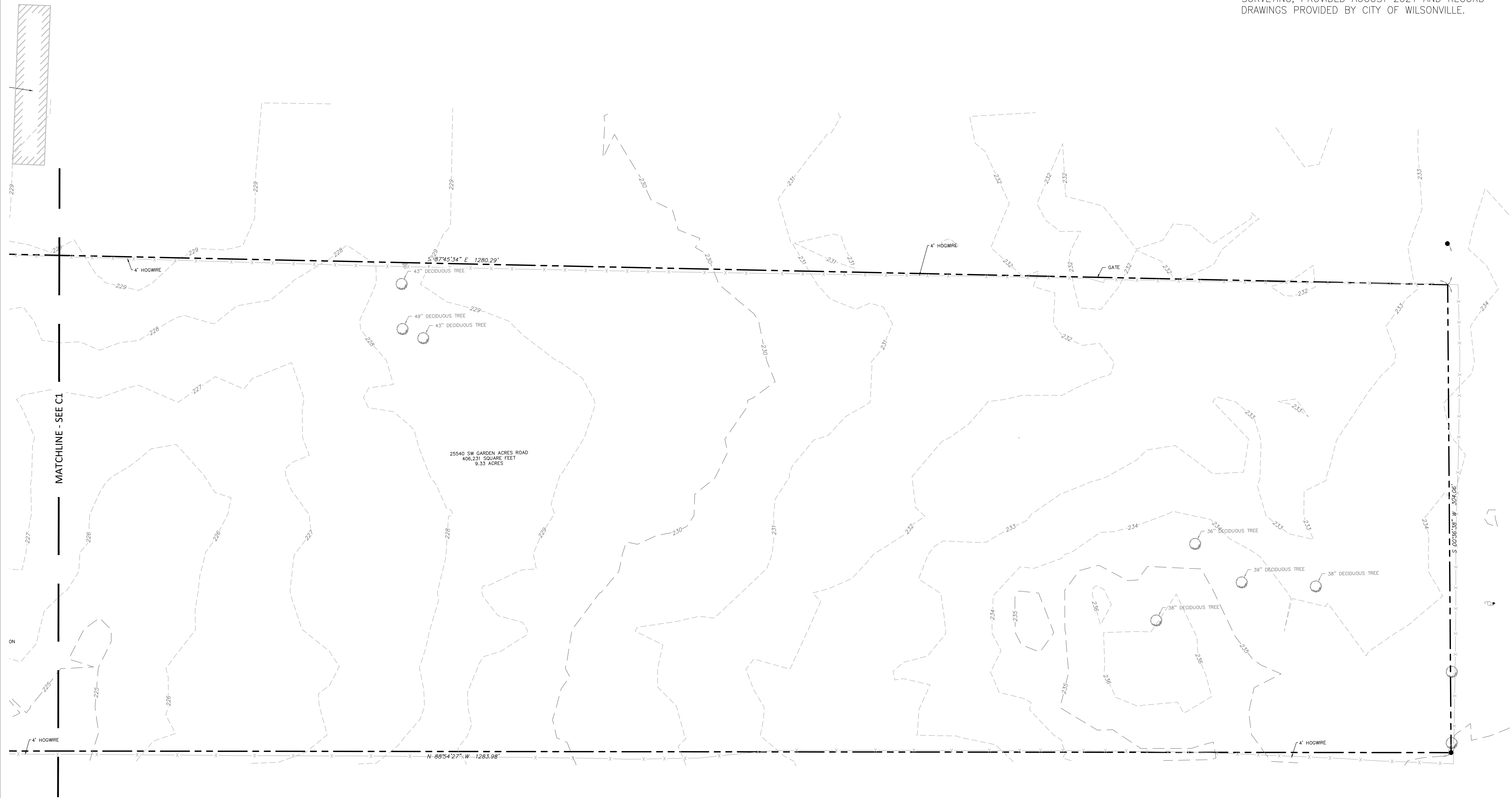
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EXISTING CONDITIONS BASED ON TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY PREPARED BY PLS SURVEYING, PROVIDED AUGUST 2021 AND RECORD DRAWINGS PROVIDED BY CITY OF WILSONVILLE.



+

Client/ Owner:

Project:
Precision Countertops

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:
Existing Conditions Plan

Revisions:
 # Description Date

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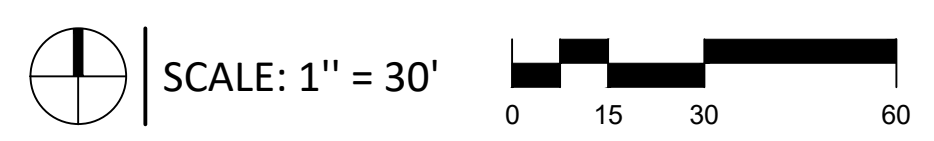
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TMR Job Number: 21279

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C1.1

C:\Users\mild\Documents\21279 Precision Countertops_Cover_C1.dwg

Client/ Owner:

Project:
Precision Countertops

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:
Grading Plan

Revisions:
 # Description Date

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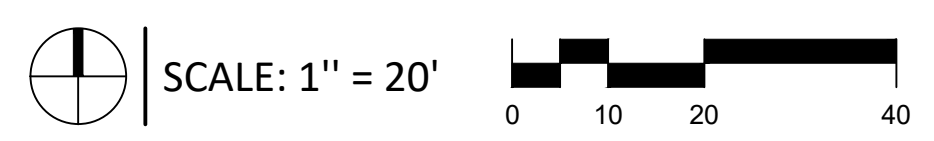
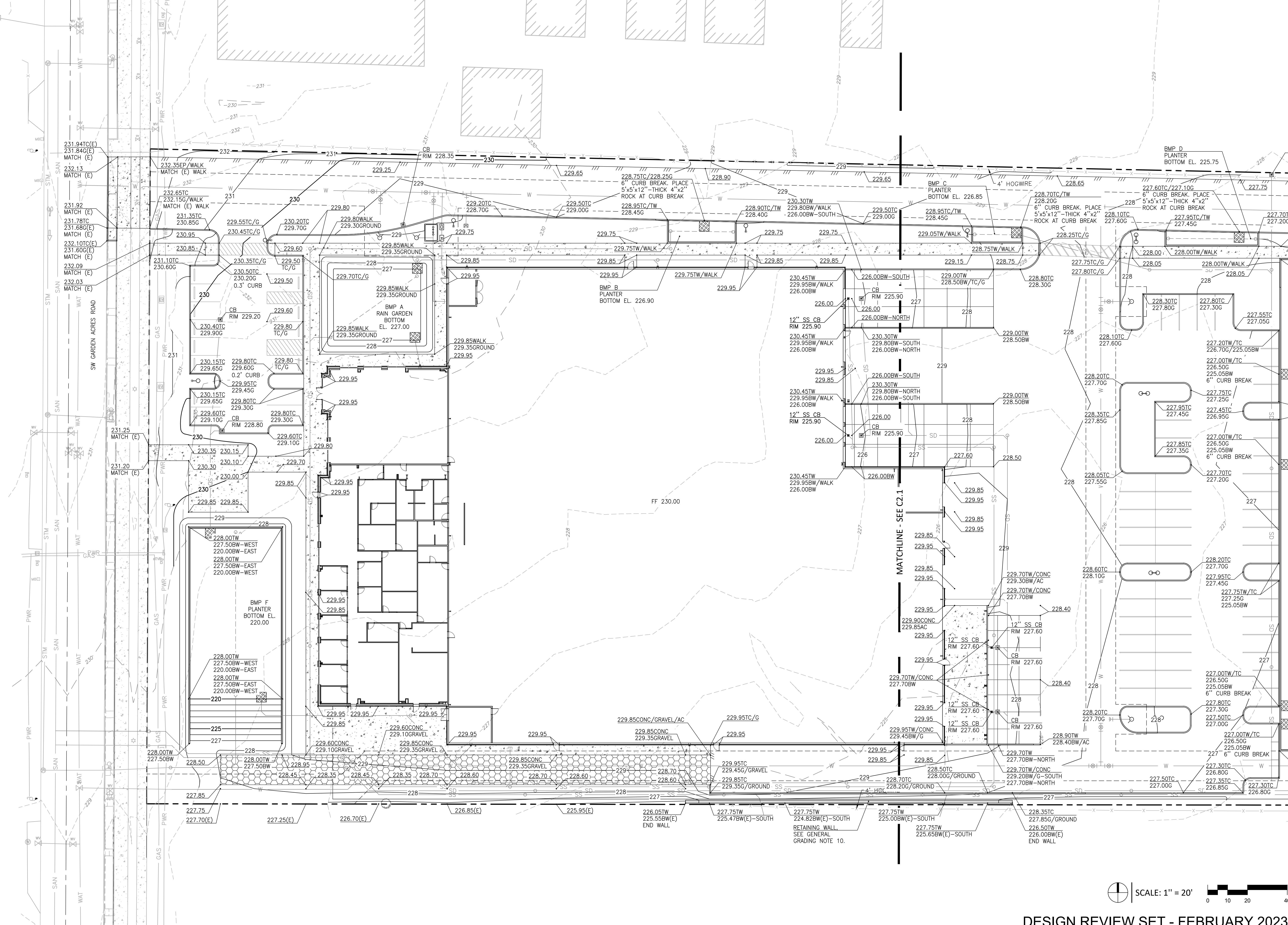
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Date: 2023-02-07

Drawn by: Checked by:
 AS KJK

TMR Job Number: 21279

Sheet



DESIGN REVIEW SET - FEBRUARY 2023

C2

Client/ Owner:

Project:
**Precision
 Countertops**

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:

**Stormwater
 Plan**

Revisions:
 # Description Date

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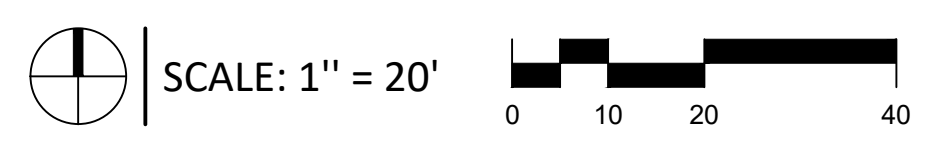
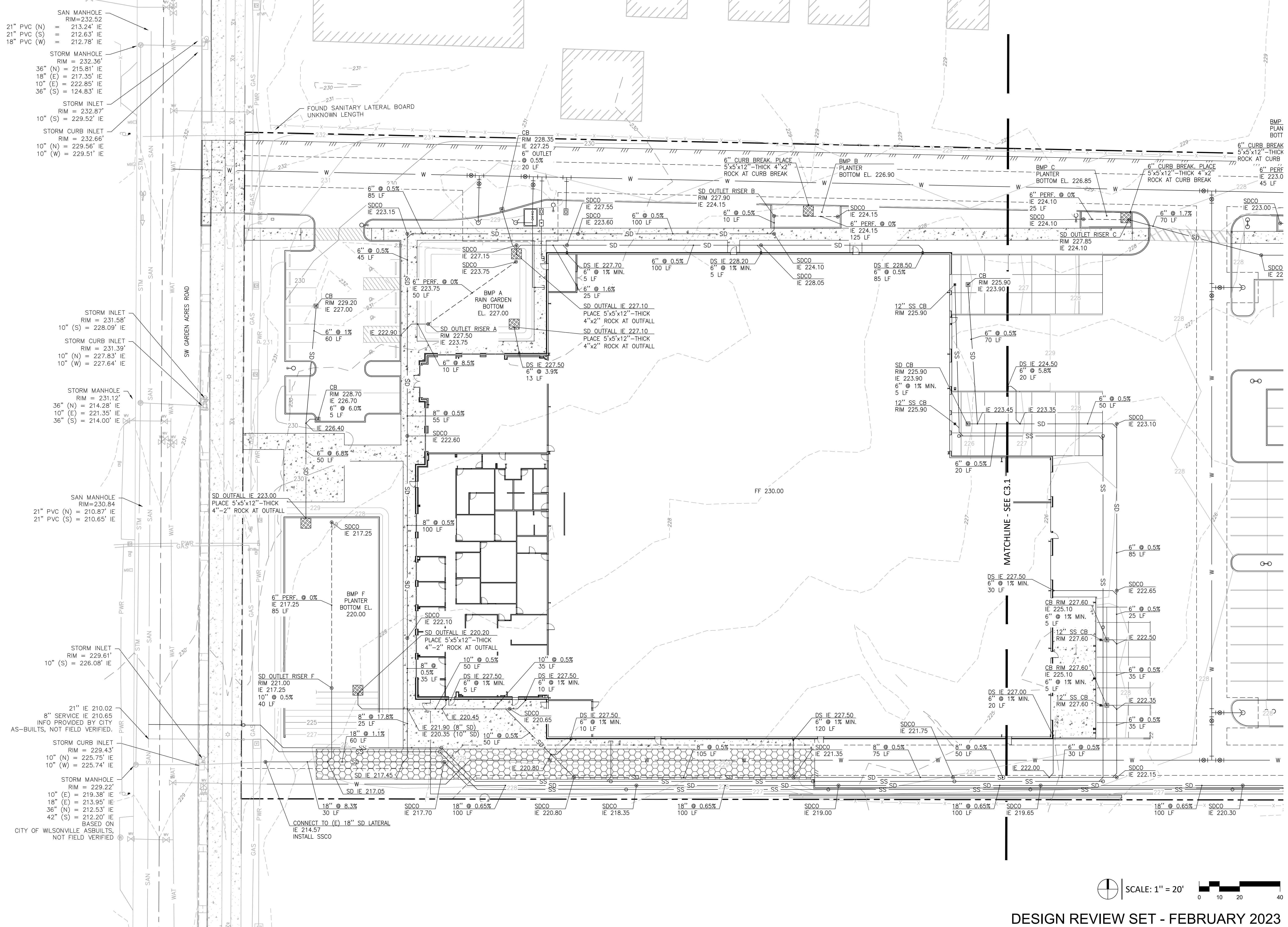
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AS KJK

TMR Job Number: 21279

Sheet



DESIGN REVIEW SET - FEBRUARY 2023

C3

Client/ Owner:

Project:
**Precision
Countertops**

25540 SW Garden Acres Rd.
Wilsonville OR

Sheet Title:

**Stormwater
Plan**

Revisions:
Description Date

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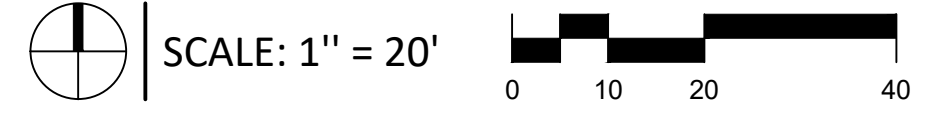
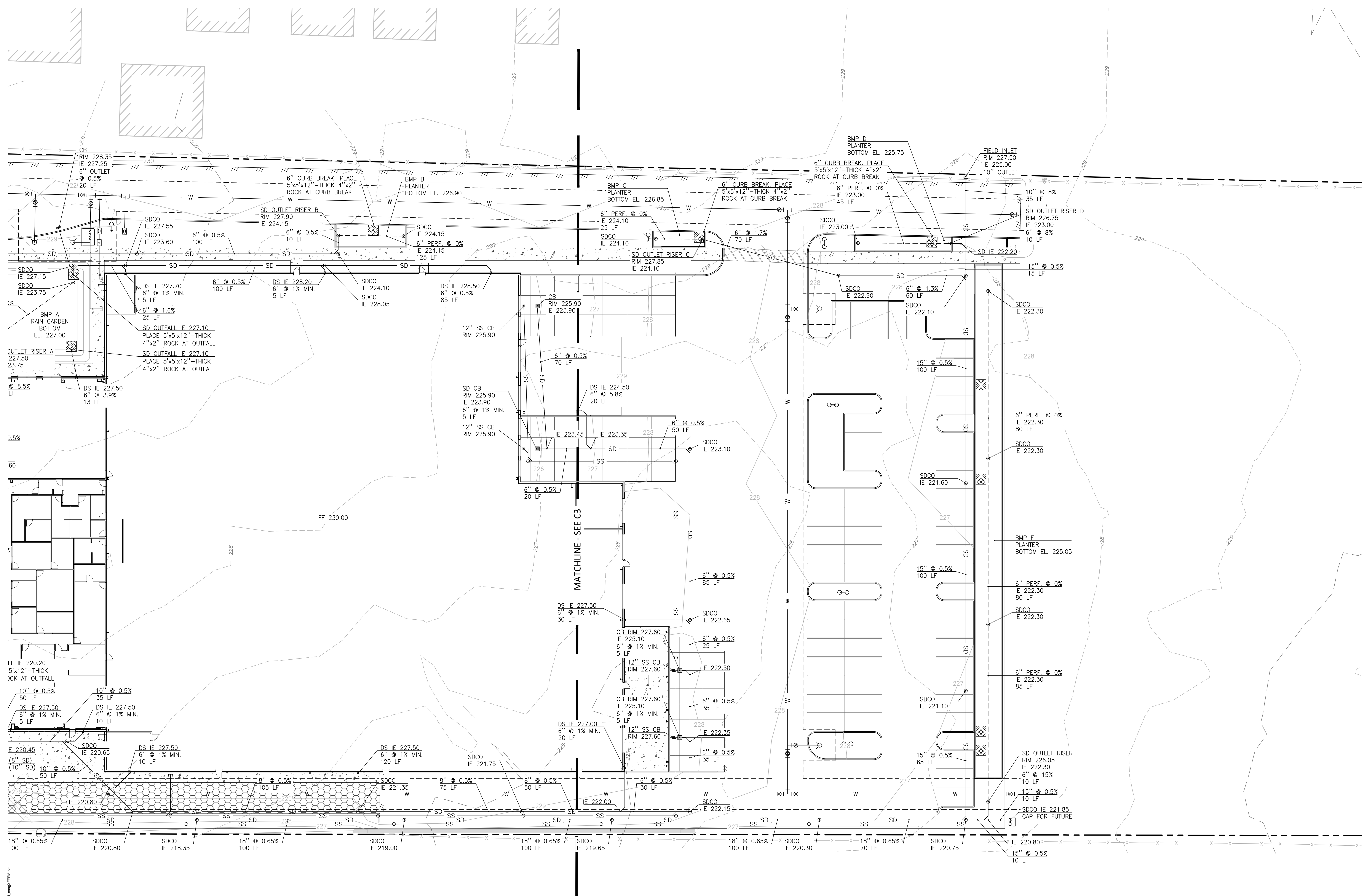
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Date: 2023-02-07

Drawn by: AS Checked by: KJK

TMR Job Number: 21279

Sheet



Client/ Owner:

Project:
**Precision
 Countertops**

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:

**Water &
 Sanitary
 Sewer Plan**

Revisions:
 # Description Date

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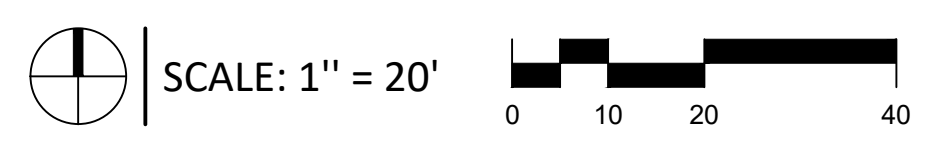
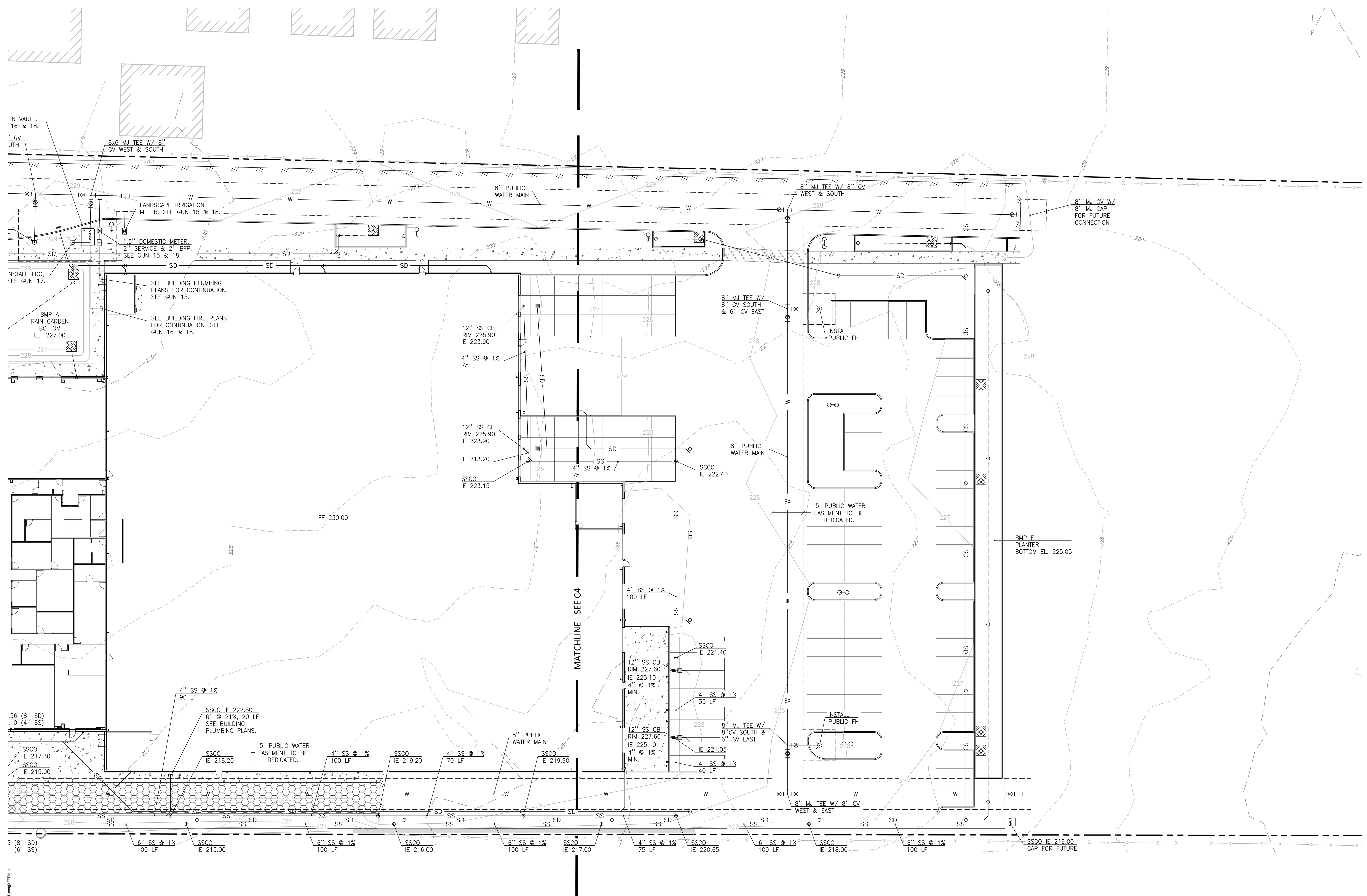
Date: 2023-02-07

Drawn by: Checked by:

AS KJK

TMR Job Number: 21279

Sheet



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C4.1

C:\Users\mildren\Documents\21279 Precision Countertops_C4.1.dwg

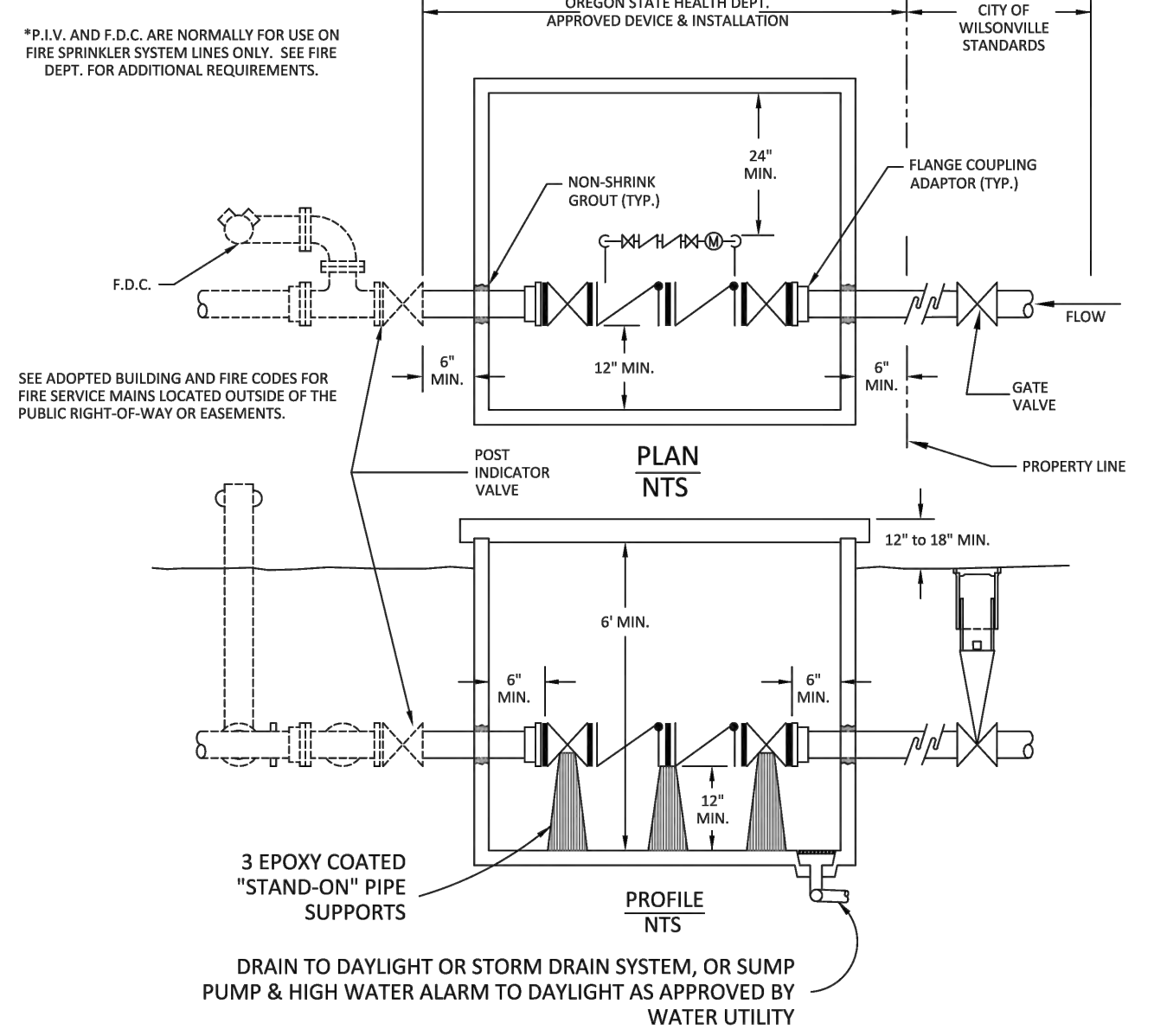
This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.

To ensure proper operation and accessibility of all backflow prevention device assemblies, the following requirements shall apply to installation of these devices, unless specifically approved by the City Engineer.

1. No part of the backflow prevention device shall be submerged in water or installed in a location subject to flooding. If installed in a vault or chamber, adequate drainage shall be provided by either drainage to daylight or by sump pump with high water alarm system. Test cocks shall be plugged. The plugs shall not be of dissimilar metals.
2. The device assembly must be protected from freezing and other severe weather conditions.
3. Only devices approved for vertical installation may be installed vertically.
4. The device assembly shall be readily accessible with adequate room for maintenance and testing. Devices 2 inches and smaller shall have at least a 12-inch clearance below and on both sides of the device assembly; and if located in a vault, the top of the device assembly shall be between 12 and 24 inches below grade.
5. All device assemblies larger than 2 inches shall have a 12-inch clearance on the backside, a 24-inch clearance on the test-cock side, and 12 inches below the device assemblies. Adequate clearance (3 inches minimum) must be maintained above operating stem and yoke, gate-valve stem. Headroom of 6'0" is required in vaults. Access to the device and to any vault or chamber shall remain clear at all times. An OR/OSHA approved chamber ladder that extends 3 ft above surface of vault shall be installed.
5. No post indicating valves are allowed on Double Check Device assemblies.
6. Only approved Double Check Detector Check Valve Assemblies are to be used for system containment on fire line services in the City of Wilsonville. The meter on bypass assembly shall read in cubic feet.
7. If a Fire Line Flow, or Tamper Switch is installed, it must be connected to a monitored Fire Alarm System approved by the Fire Marshal. No installation will modify the backflow device assembly or interfere with its operation or maintenance.
8. All backflow devices shall be installed at the service connection to the premises per Oregon Administrative Rules 333-61-070, Cross Connection Control Requirements, unless specifically approved by the Water Division Engineer. (service connection - a location where the public water facilities end at or near the property line)
9. All pipe between main and device shall be restrained. Use Mega-Lug retainer glands on mj fittings and Field-Lok gaskets on bell joints. Uni-Flange adapters may be used in vaults.
10. All check valve assemblies are required to be UL Tested or Factory Mutual Approved as well as State of Oregon Approved per NFPA 13 & 24.

Double Detector Check Vault Page 2			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: B-4010	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: B-4010.DWG	APPROVED BY: NK	DATE: 07/01/02	

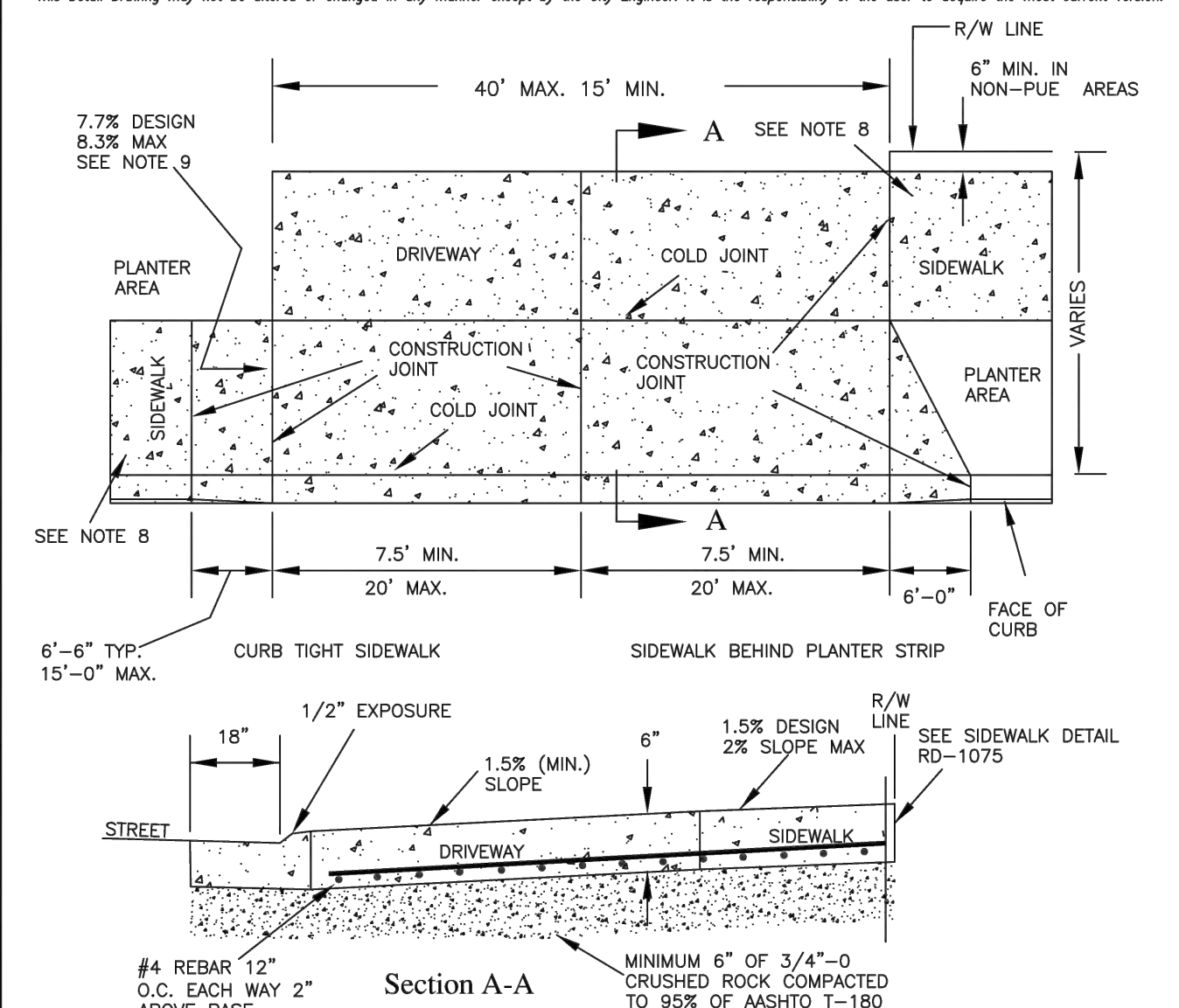
This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.



D.D.C. SIZE	UTILITY VAULT FOR DOUBLE DETECTOR CHECK DEVICE	
	VAULT	LID
3"	577-LA	LID 57-TL2-332P
4"	577-LA	LID 57-TL2-332P
6"	676-WA	LID 676-TL2-332P
8"	687-WA	LID 687-TL2-332P
10"	5106-WA	LID 5106-TL3-332P

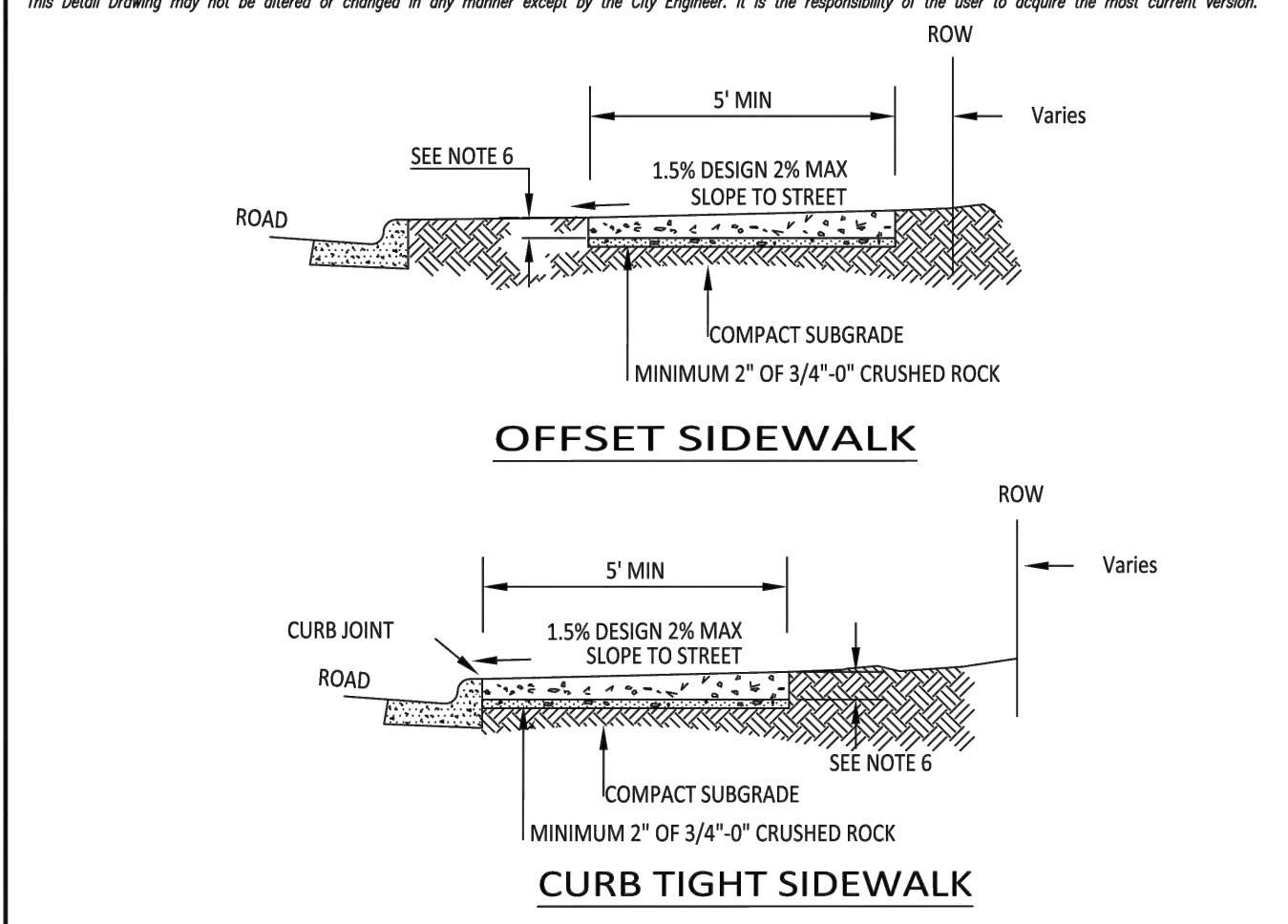
Double Detector Check Vault Page 1			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: B-4005	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: B-4005.DWG	APPROVED BY: NK	DATE: 03/29/06	

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Commercial Driveway - Type I			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: RD-1095	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: RD-1095.DWG	APPROVED BY: PN	DATE: 4/8/19	

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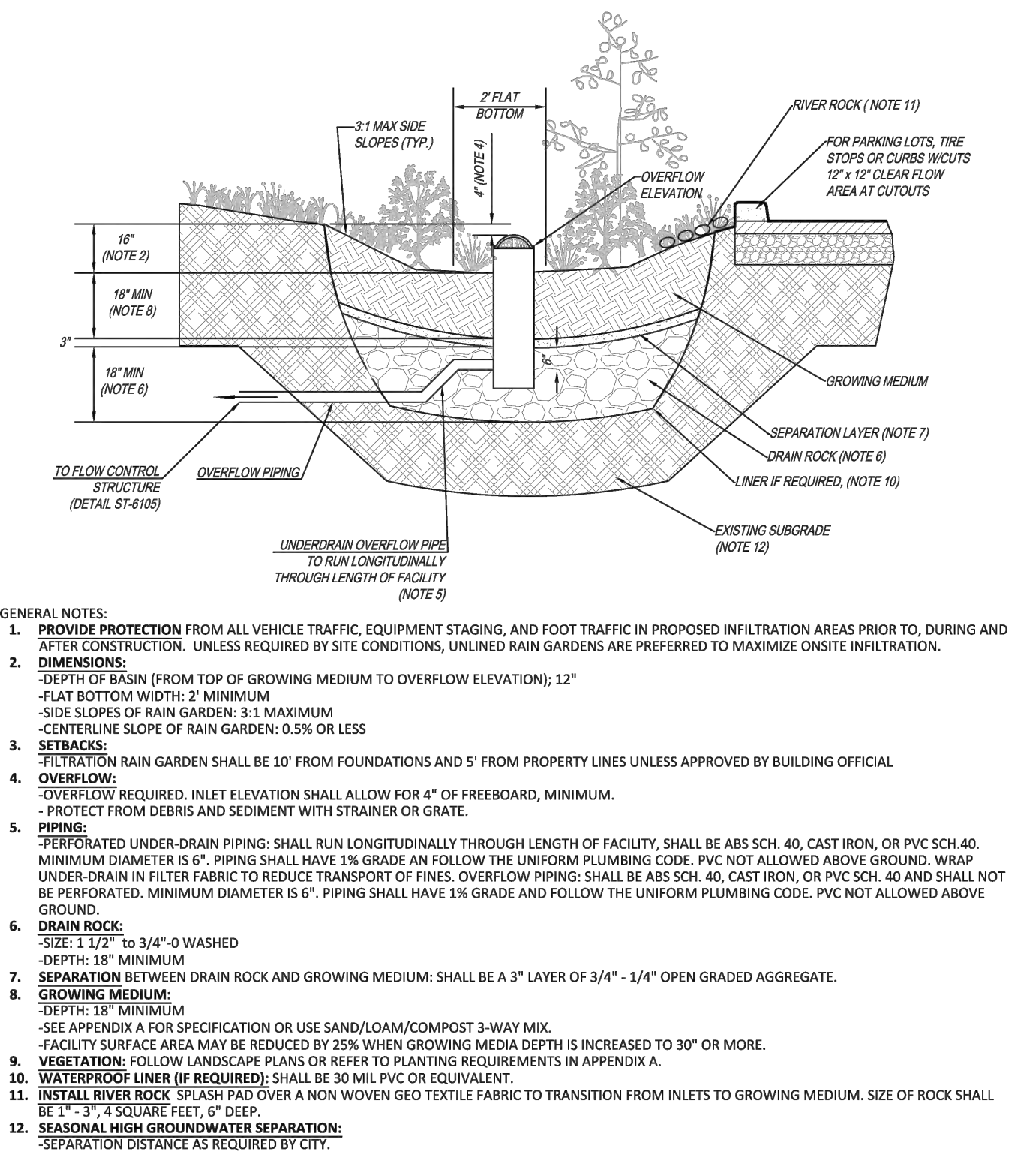
Concrete Sidewalk			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: RD-1075	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: RD-1075.DWG	APPROVED BY: NK	DATE: 1/4/18	

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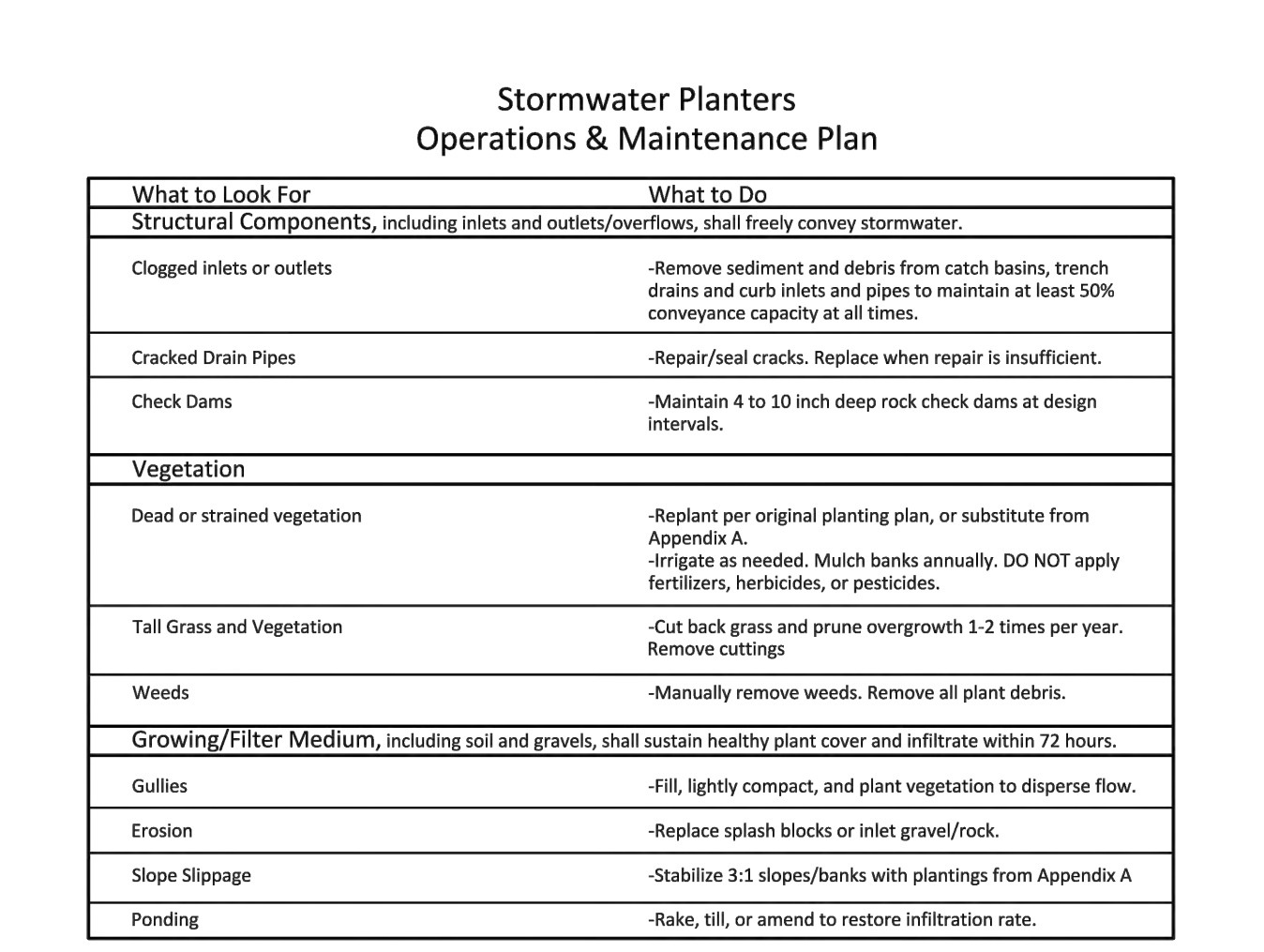
Stormwater Planter - Filtration			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: ST-6005	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: ST-6005.DWG	APPROVED BY: NK	DATE: 4/16/18	

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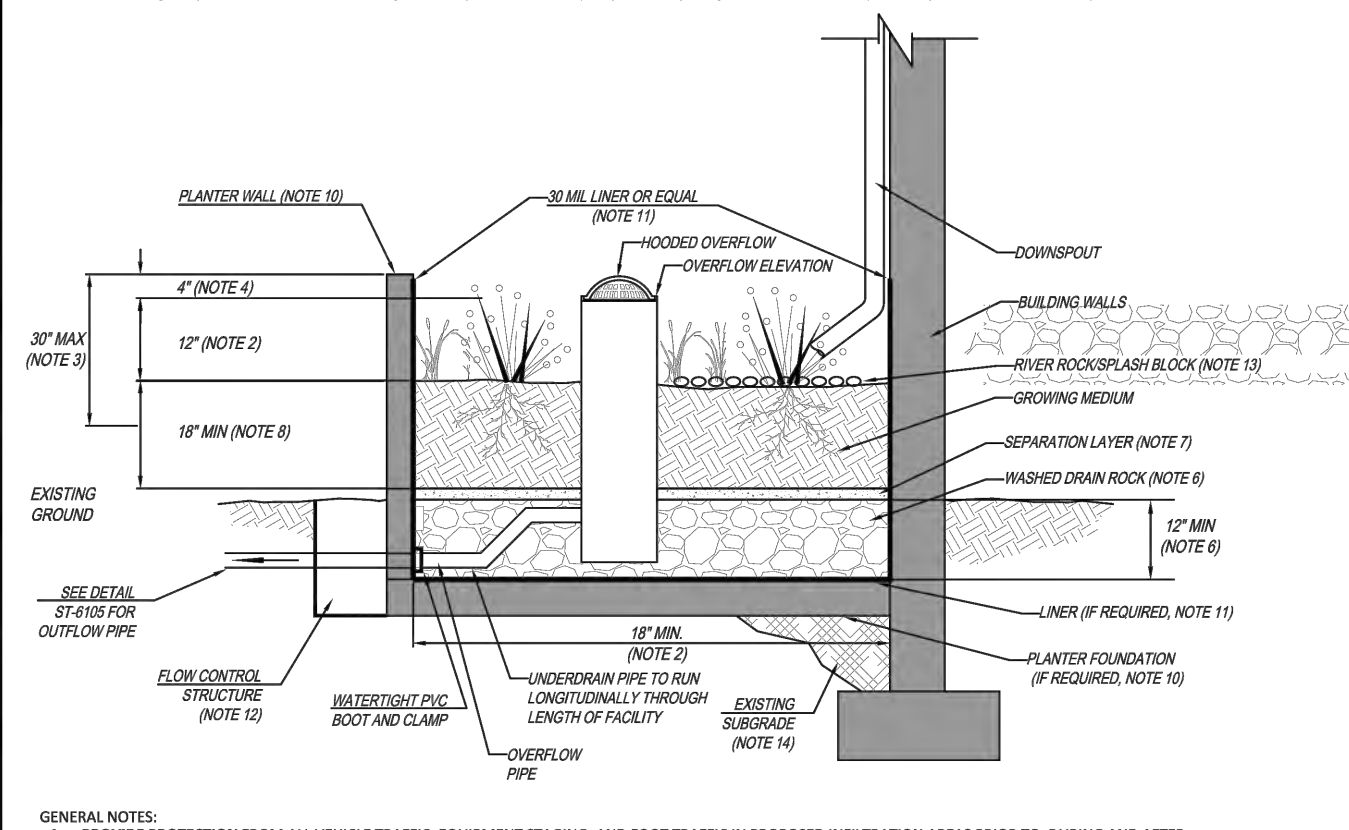
Rain Garden - Filtration			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: ST-6020	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: ST-6020.DWG	APPROVED BY: NK	DATE: 4/16/18	

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Stormwater Planter O & M Plan			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: ST-6015	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: ST-6015.DWG	APPROVED BY: NK	DATE: 10/8/14	

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Stormwater Planter - Filtration			CITY OF WILSONVILLE PUBLIC WORKS STANDARDS
DRAWING NUMBER: ST-6005	DRAWN BY: SR	SCALE: N.T.S.	
FILE NAME: ST-6005.DWG	APPROVED BY: NK	DATE: 4/16/18	

Client/ Owner:

Project:
Precision
Countertops

25540 SW Garden Acres Rd.
 Wilsonville OR

Sheet Title:

Details

Revisions:
 # Description Date

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Date: 2023-02-07

Drawn by: KJK

AS KJK

TMR Job Number: 21279

Sheet

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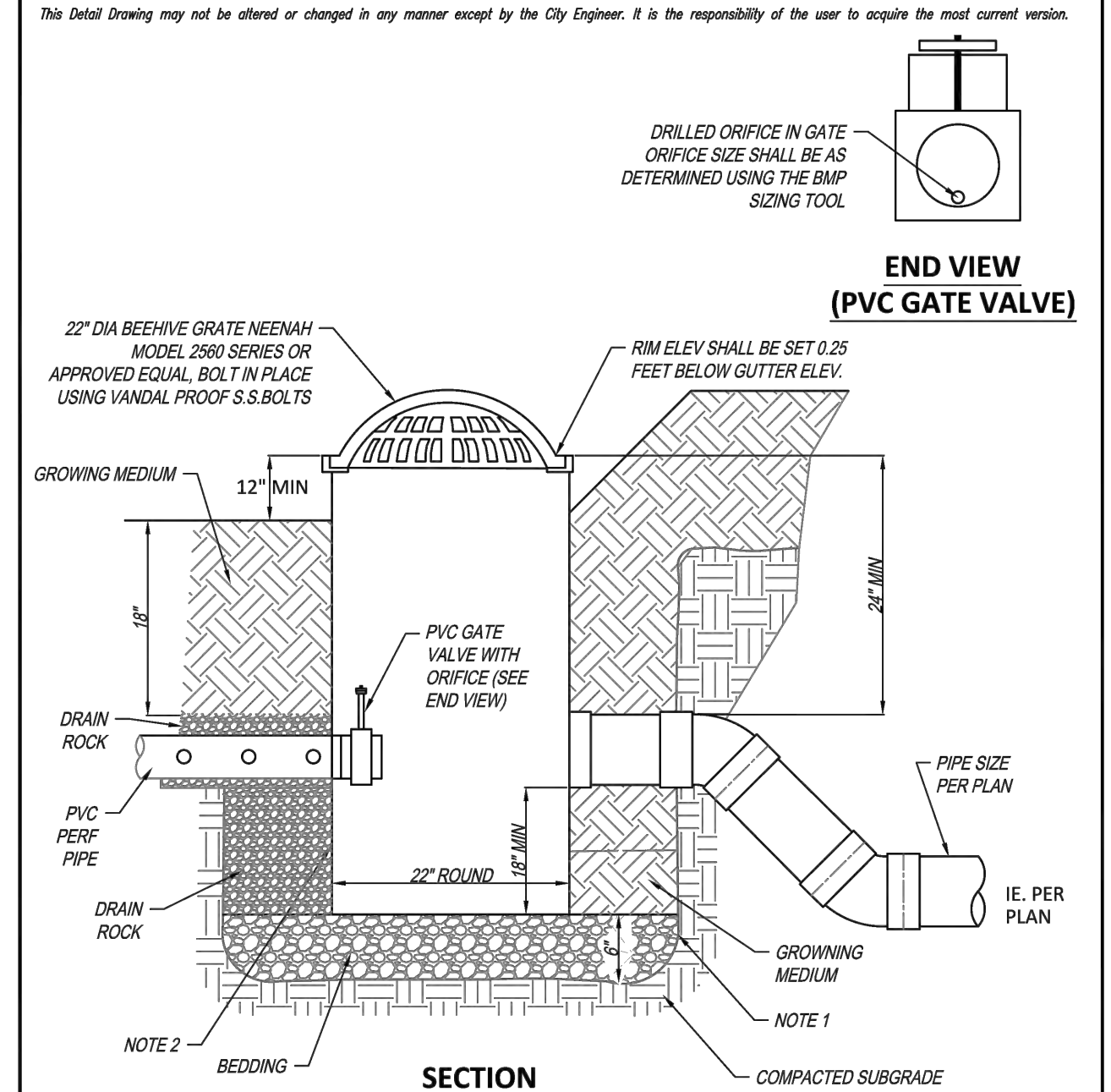
Rain Gardens
Operations & Maintenance Plan

What to Look For	What to Do
Structural Components, including inlets and outlets/overflows, shall freely convey stormwater.	
Clogged inlets or outlets	-Remove sediment and debris from catch basins, trench drains and curb inlets and pipes to maintain at least 50% conveyance capacity at all times.
Cracked Drain Pipes	-Repair/seal cracks. Replace when repair is insufficient.
Check Dams	-Maintain 4 to 10 inch deep rock check dams at design intervals.
Vegetation	
Dead or strained vegetation	-Replant per original planting plan, or substitute from Appendix A. -Irrigate as needed. Mulch banks annually. DO NOT apply fertilizers, herbicides, or pesticides.
Tall Grass and Vegetation	-Cut back grass and prune overgrowth 1-2 times per year. Remove cuttings.
Weeds	-Manually remove weeds. Remove all plant debris.
Growing/Filter Medium, including soil and gravels, shall sustain healthy plant cover and infiltrate within 72 hours.	
Gullies	-Fill, lightly compact, and plant vegetation to disperse flow.
Erosion	-Replace splash blocks or inlet gravel/rock.
Slope Slippage	-Stabilize 3:1 slopes/banks with plantings from Appendix A
Ponding	-Rake, till, or amend to restore infiltration rate.

Annual Maintenance Schedule:
Summer: Make any structural repairs. Improve filter medium as needed. Clear drain. Irrigate as needed.
Fall: Replant exposed soil and replace dead plants. Remove sediment and plant debris.
Winter: Monitor infiltration/flow-through rates. Clear inlets and outlets/overflows to maintain conveyance.
Spring: Remove sediment and plant debris. Replant exposed soil and replace dead plants. Mulch.
All seasons: Weed as necessary.
Maintenance Records: Record date, description, and contractor (if applicable) for all structural repairs, landscape maintenance, and facility cleanup activities. Keep work orders and invoices on file and make available upon request of the inspector.
Access: Maintain ingress/egress to design standards.
Infiltration/Flow Control: All facilities shall drain within 72 hours. Record time/date, weather, and site conditions when ponding occurs.
Pollution Prevention: All sites shall implement best management practices to prevent hazardous or solid wastes or excessive oil and sediment from contaminating stormwater. Contact _____ for immediate assistance responding to spills. Record time/date, weather, and site conditions if site activities contaminate stormwater.
Vectors (Mosquitoes & Rodents): Stormwater facilities shall not harbor mosquito larvae or rats that pose a threat to public health or that undermine the facility structure. Monitor standing water for small wiggling sticks perpendicular to the water's surface. Note holes/burrows in and around facilities. Call Clackamas County Vector Control for immediate assistance to eradicate vectors. Record time/date, weather, and site conditions when vector activity observed.

Rain Garden O & M Plan			CITY OF WILSONVILLE
DRAWING NUMBER: ST-6030	DRAWN BY: SR	SCALE: N.T.S.	PUBLIC WORKS STANDARDS
FILE NAME: ST-6030.DWG	APPROVED BY: NK	DATE: 10/15/14	

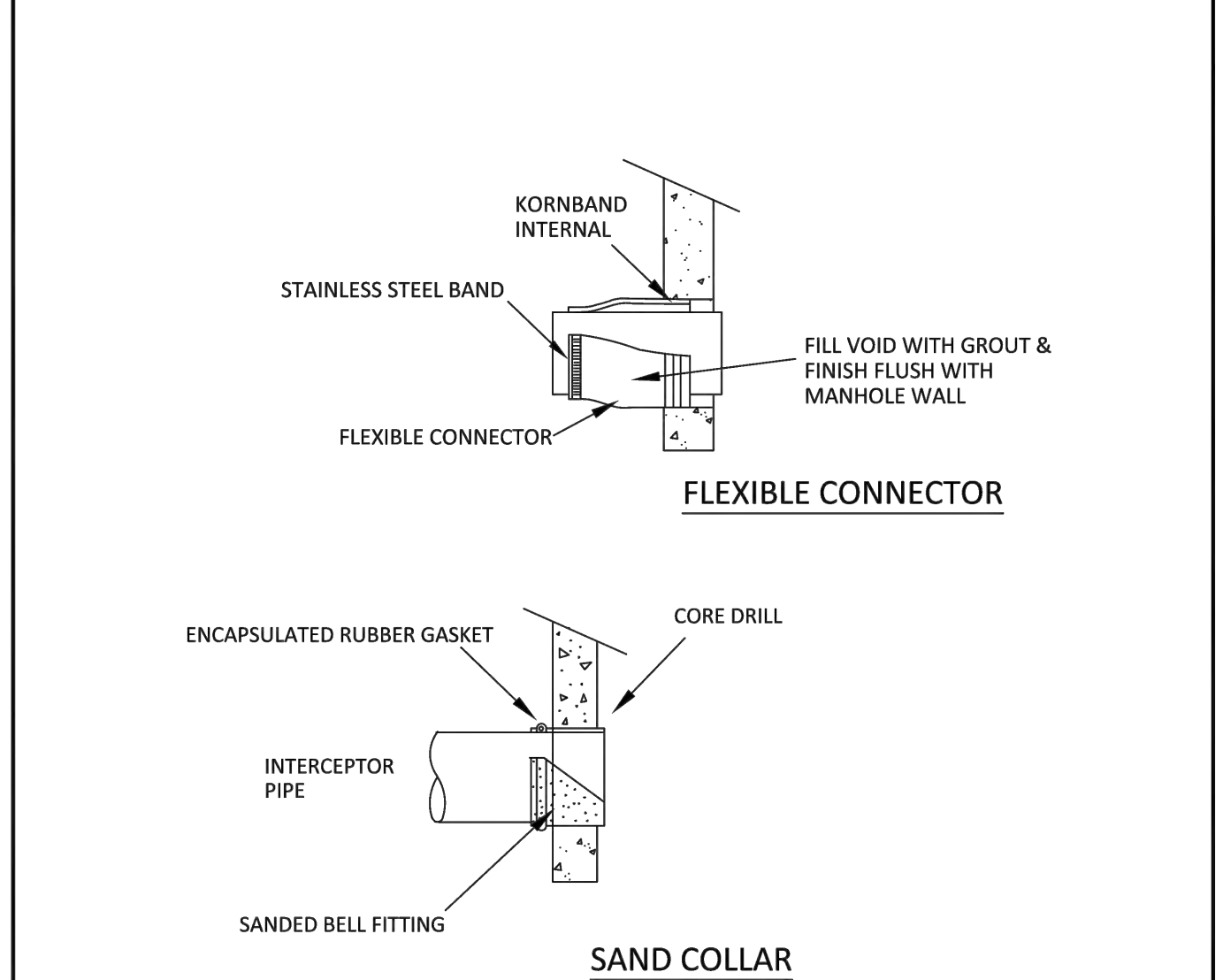
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Beehive Overflow Inlet

CITY OF WILSONVILLE	
DRAWING NUMBER: ST-6120	SCALE: N.T.S.
FILE NAME: ST-6120.dwg	DATE: 2/15/18

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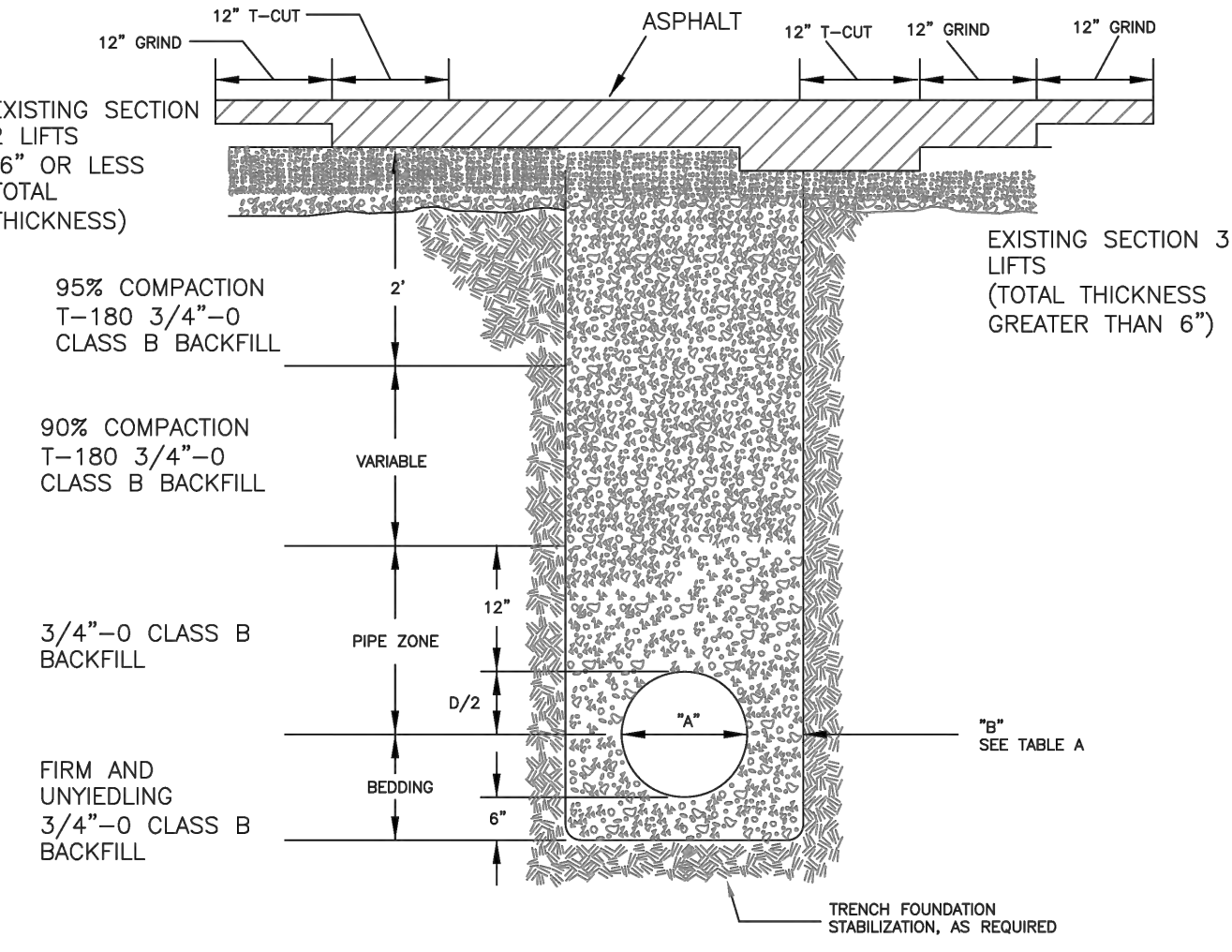


Manhole Pipe Connection

- FOR NEW SEWER AND STORM SYSTEMS, CONNECT PIPE SYSTEMS TO MANHOLES WITH A FLEXIBLE CONNECTOR, KOR-N-SEAL BOOT OR APPROVED EQUIVAL.
- FLEXIBLE CONNECTORS SHALL BE SPECIFICALLY MANUFACTURED FOR THE INTENDED USE AND CONFORM TO ASTM C923.
- CONNECT PIPE TO EXISTING MANHOLES WITH A FABRICATED SAND COLLAR BY AN APPROVED MANUFACTURER. SAND COLLAR SHALL BE FABRICATED OF THE SAME MATERIAL AS THE CONNECTING PIPE.
- FIELD FABRICATED SAND COLLARS ARE NOT ALLOWED.
- FOR PIPE CONNECTIONS LARGER THAN 24" IN DIAMETER, SEE DETAIL S-2035.

CITY OF WILSONVILLE	
DRAWING NUMBER: S-2010	SCALE: N.T.S.
FILE NAME: S-2010.DWG	DATE: 6/4/14

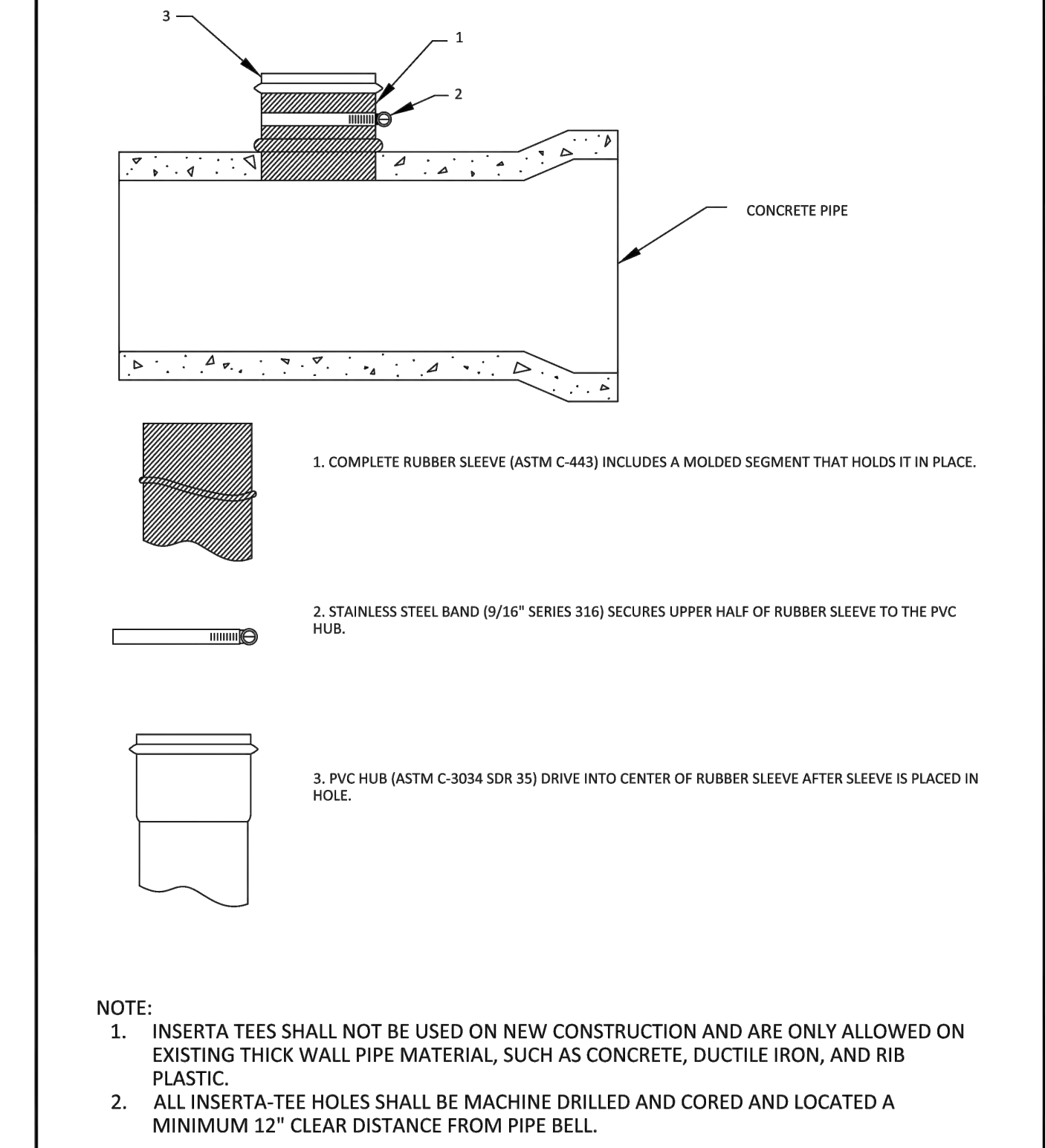
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Standard Backfill and Street Repair

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FILE NAME: S-2145.dwg	DATE: 6/4/14

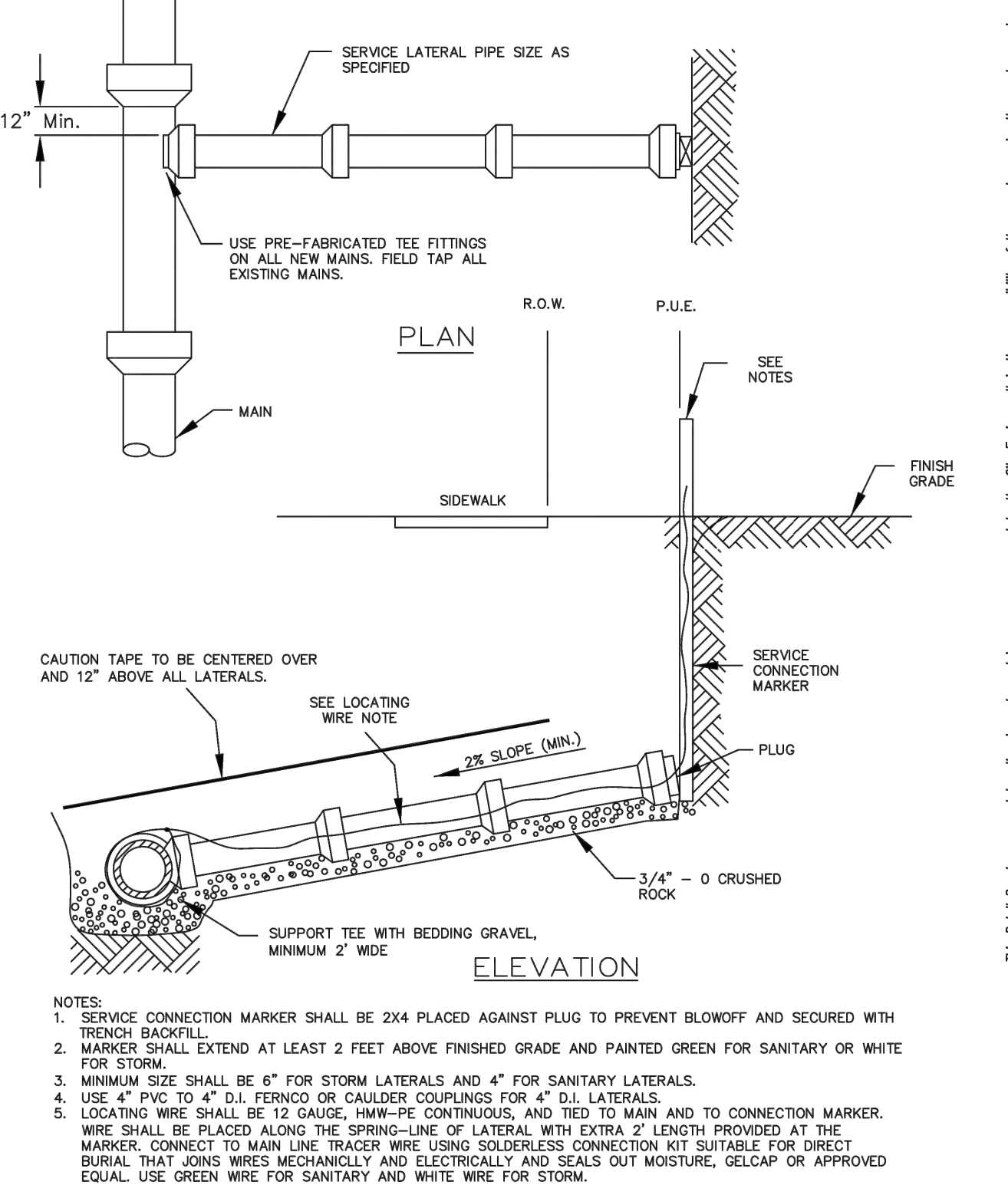
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Inserta-Tee

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FILE NAME: S-2160.DWG	DATE: 6/4/14

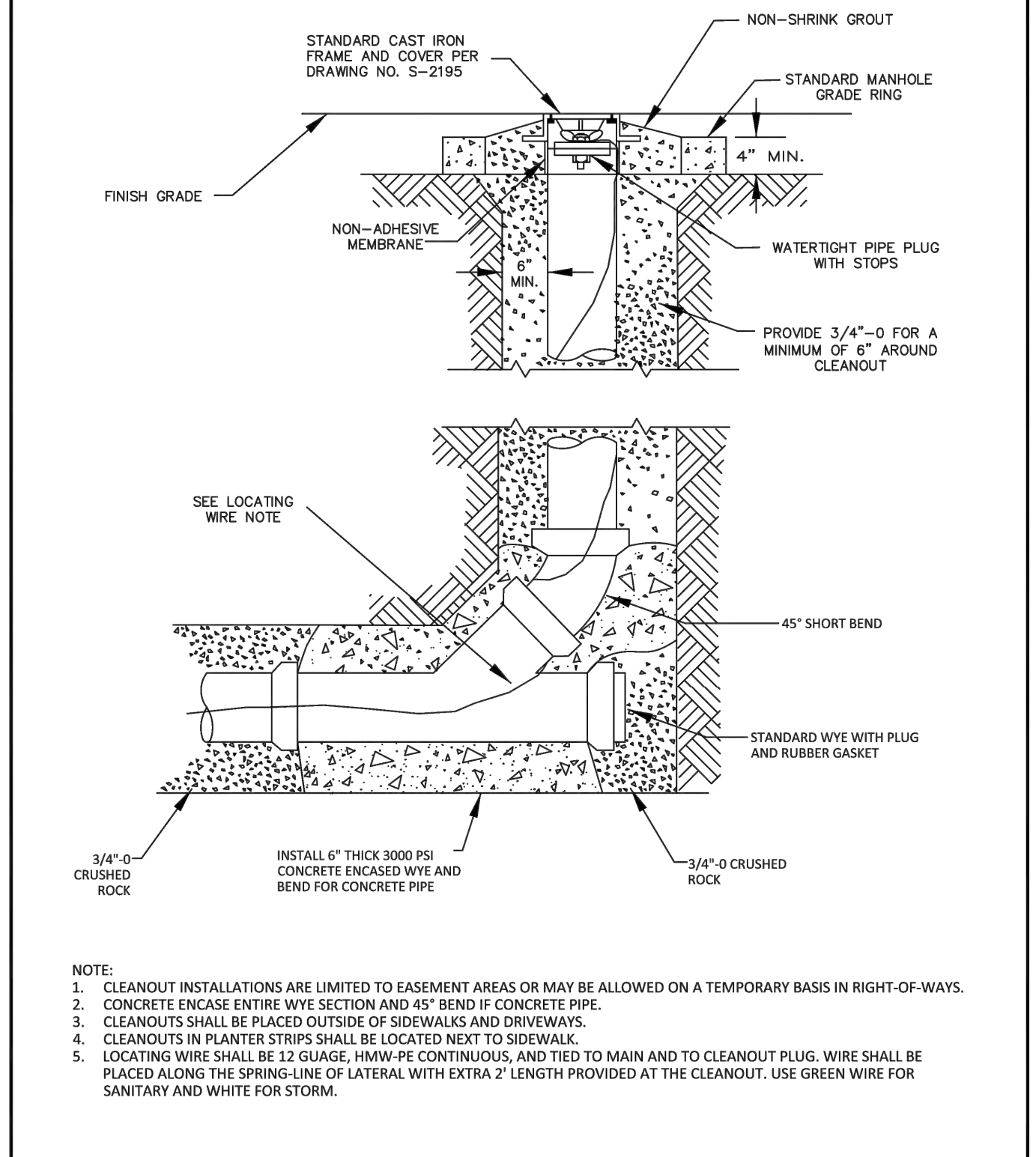
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Service Lateral

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FILE NAME: S-2175.DWG	DATE: 6/4/14

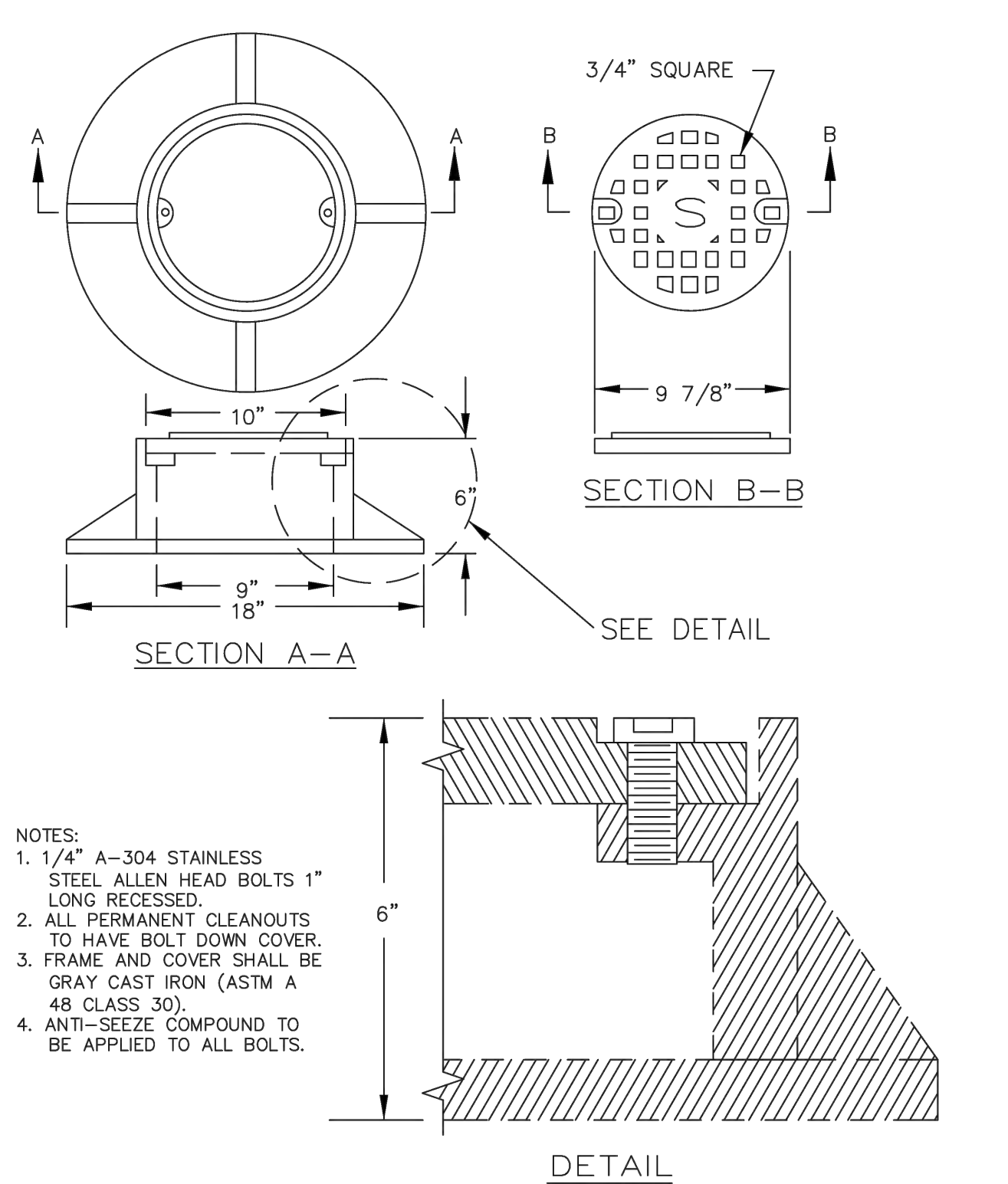
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Standard Cleanout

CITY OF WILSONVILLE	
DRAWING NUMBER: S-2180	SCALE: N.T.S.
FILE NAME: S-2180.DWG	DATE: 6/4/14

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Cleanout Frame & Cover

CITY OF WILSONVILLE	
DRAWING NUMBER: S-2185	SCALE: N.T.S.
FILE NAME: S-2185.DWG	DATE: 6/4/14

Client/ Owner:

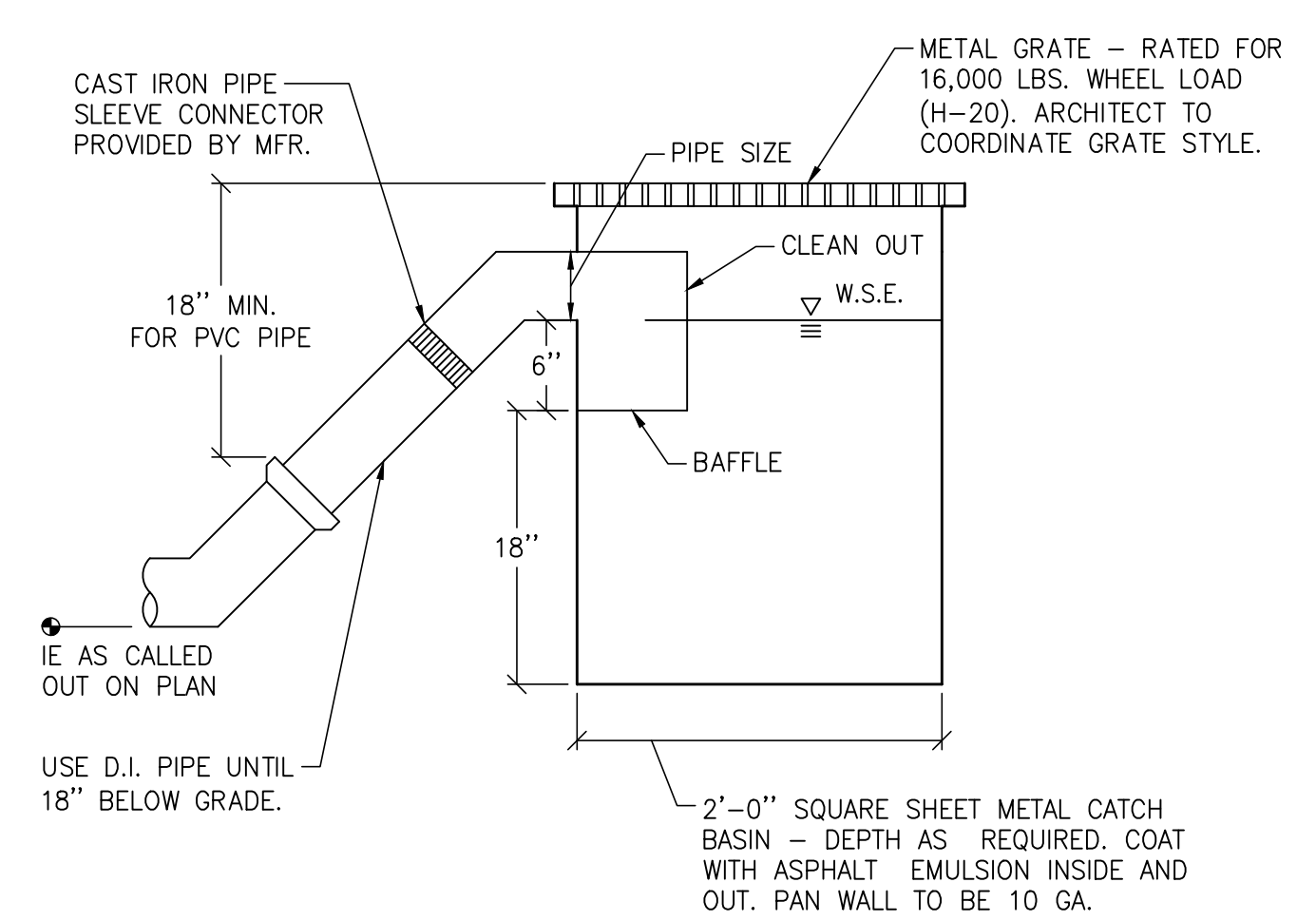
Project:
Precision Countertops

25540 SW Garden Acres Rd.
 Wilsonville OR

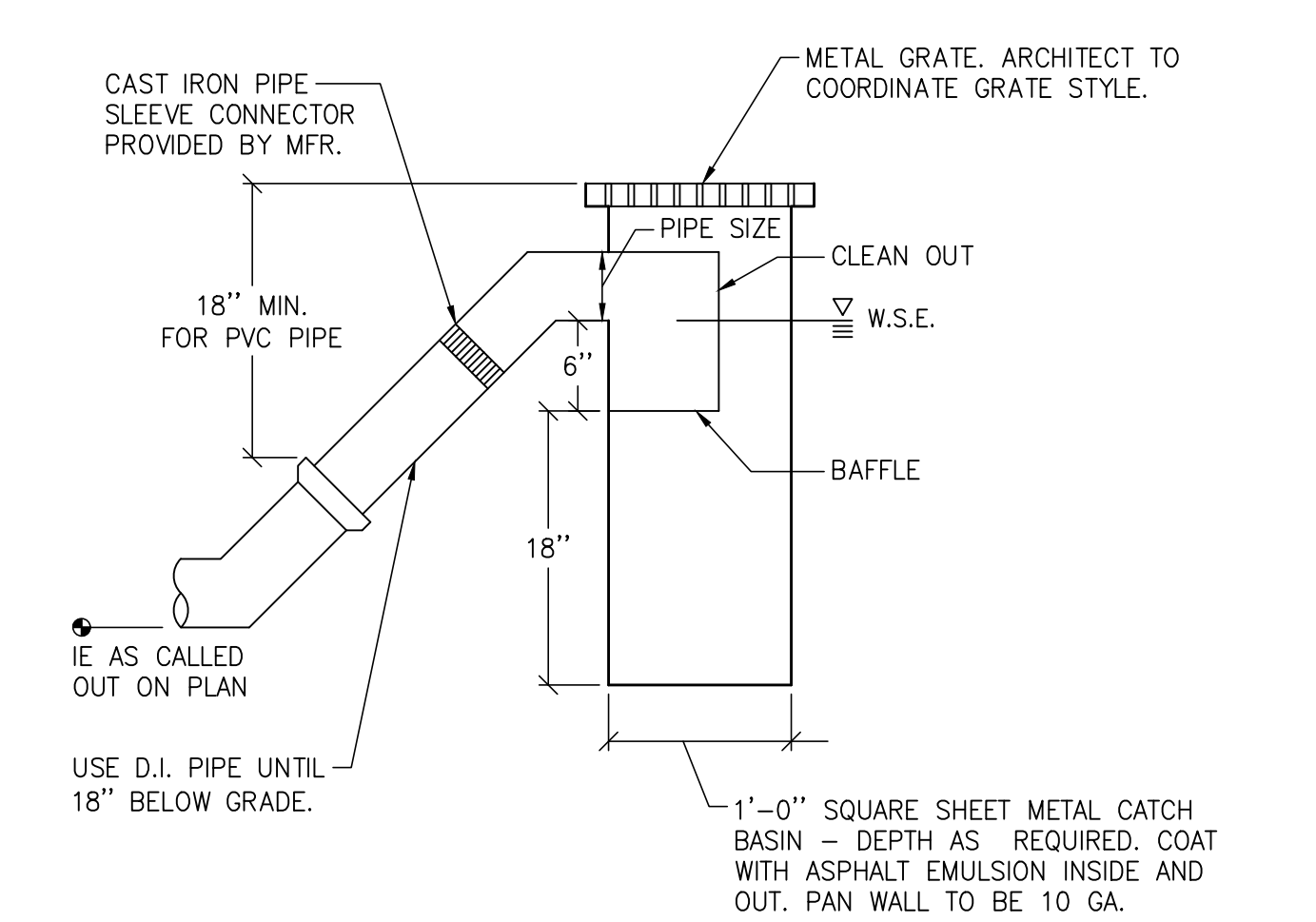
Sheet Title:

Details

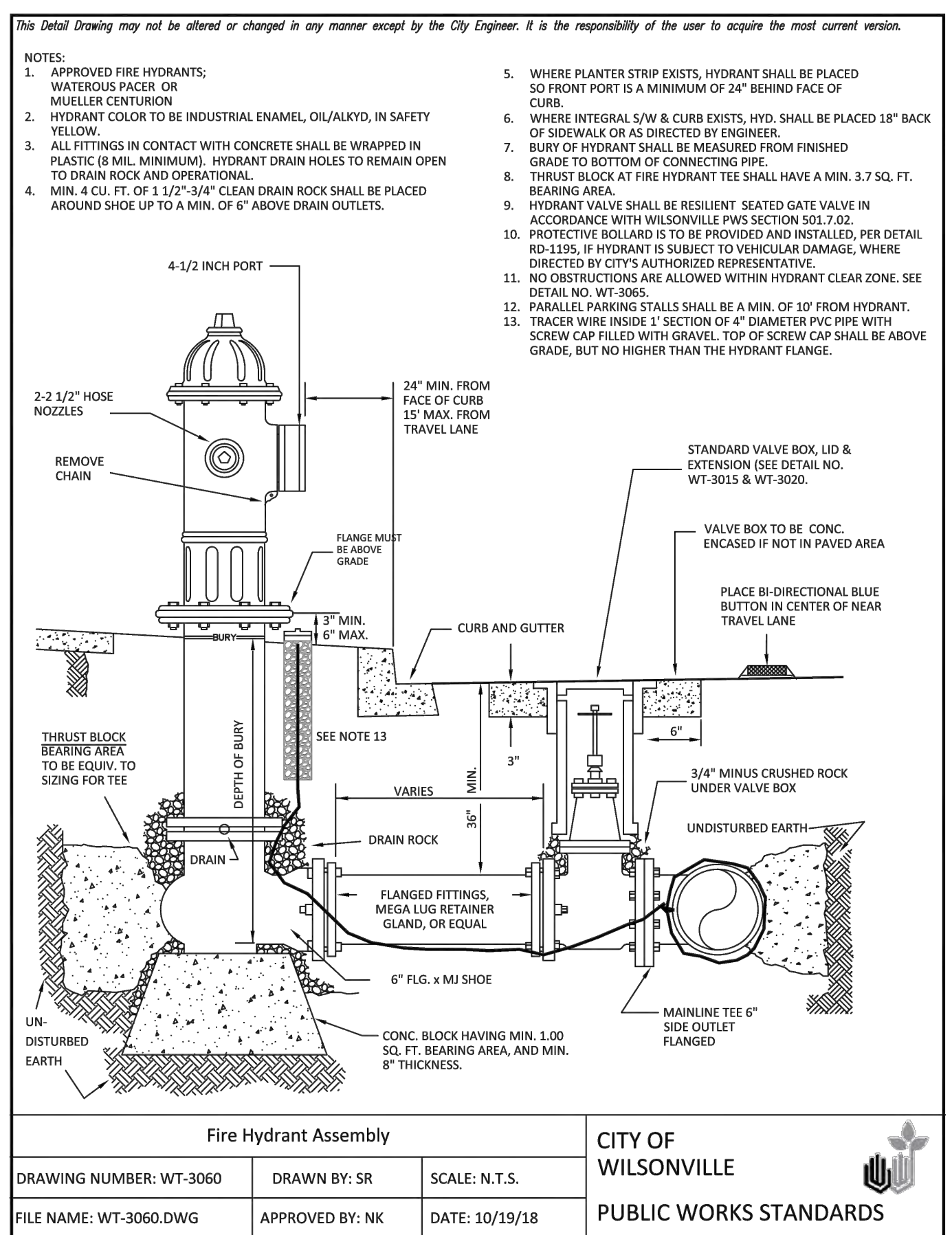
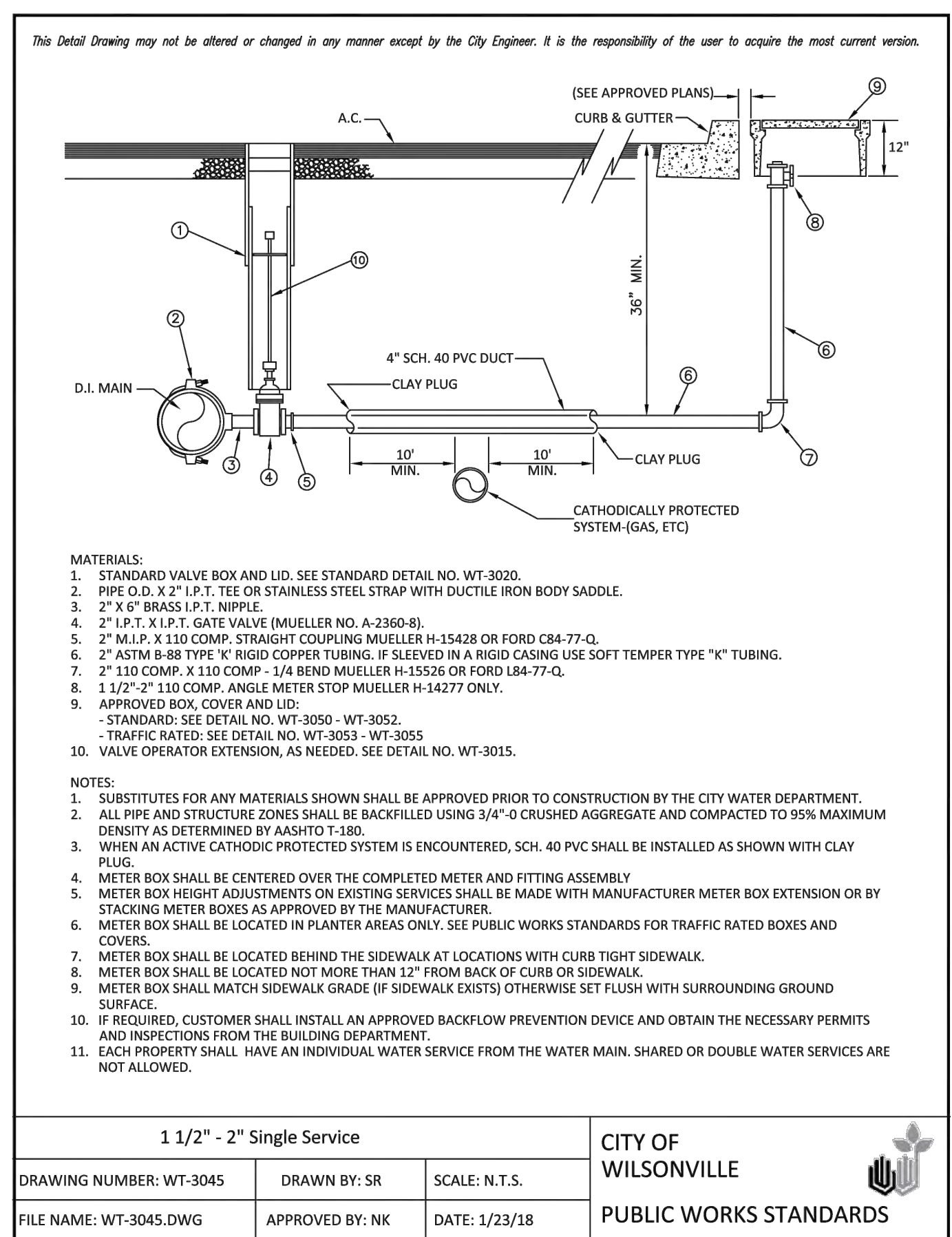
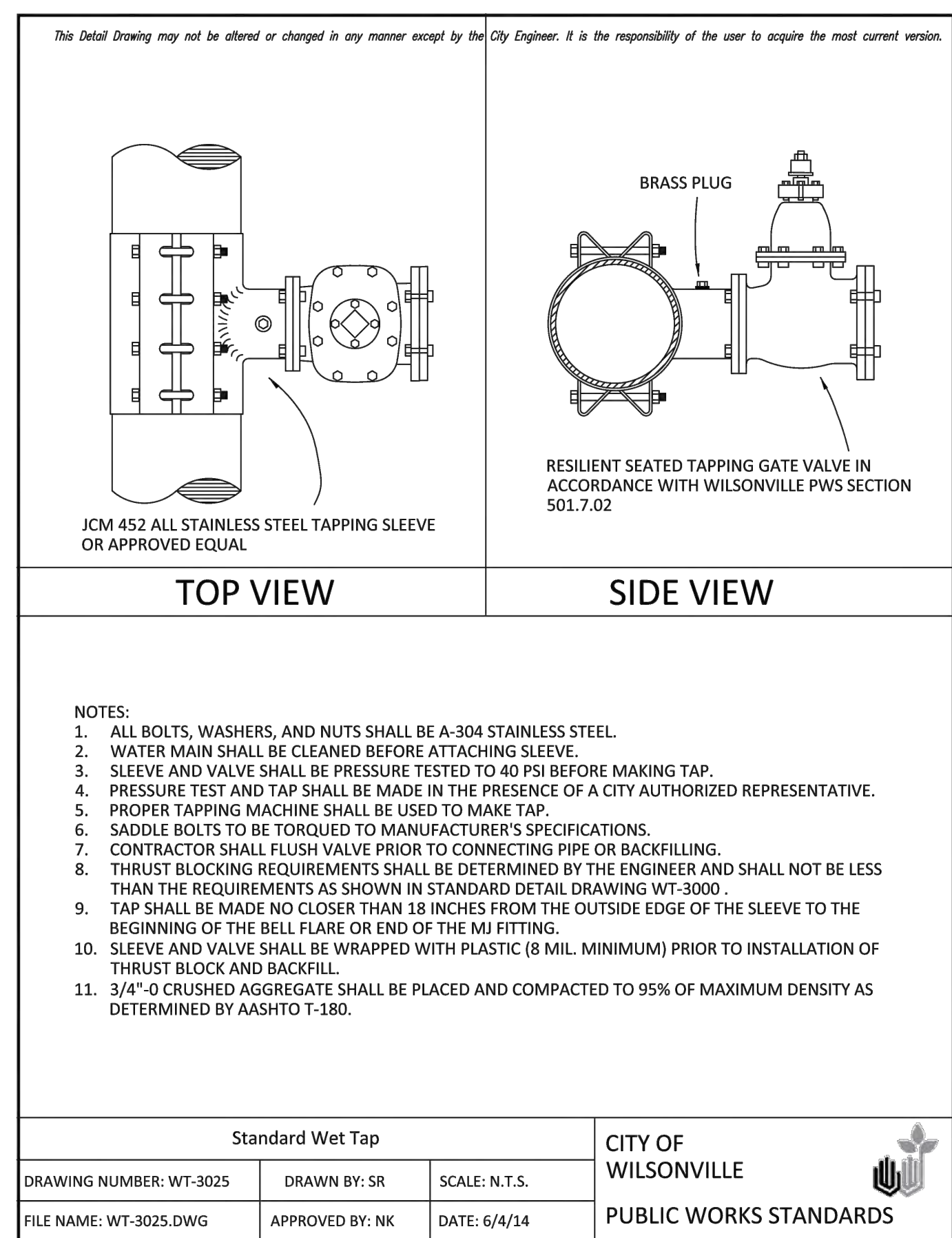
Revisions:
 # Description Date



1 CATCH BASIN DETAIL
 NOT TO SCALE



2 FIELD INLET DETAIL
 NOT TO SCALE



PLANT LIST: GENERAL LANDSCAPING

SYMBOL	#	LATIN/COMMON NAME TREES	SIZE	SPACING	WATER USE
--------	---	-------------------------	------	---------	-----------

TREES					
	9	ACER RUBRUM 'ARMSTRONG' Armstrong Red Maple	2" cal.	As shown	Moderate
	3	CHAMAECYPARIS NOOT 'GLAUCA PENDULA' Blue Weeping Alaskan Cedar	8' ht.	As shown	Low
	8	CORNUS 'EDDIE'S WHITE WONDER' Eddies White Wonder Dogwood	1-1/2" cal.	As shown	Moderate
	12	NYSSA SYLVATICA Black Tupelo	1-1/2" cal.	As shown	Moderate
	9	PRUNUS SERRULATA 'MOUNT FUJI' Mount Fuji Flowering Cherry	1-1/2" cal.	As shown	Moderate
	6	ZELKOVA SERRATA 'GREEN VASE' Green Vase Zelkova	2" cal.	As shown	Low

PLANT LIST: GENERAL LANDSCAPING

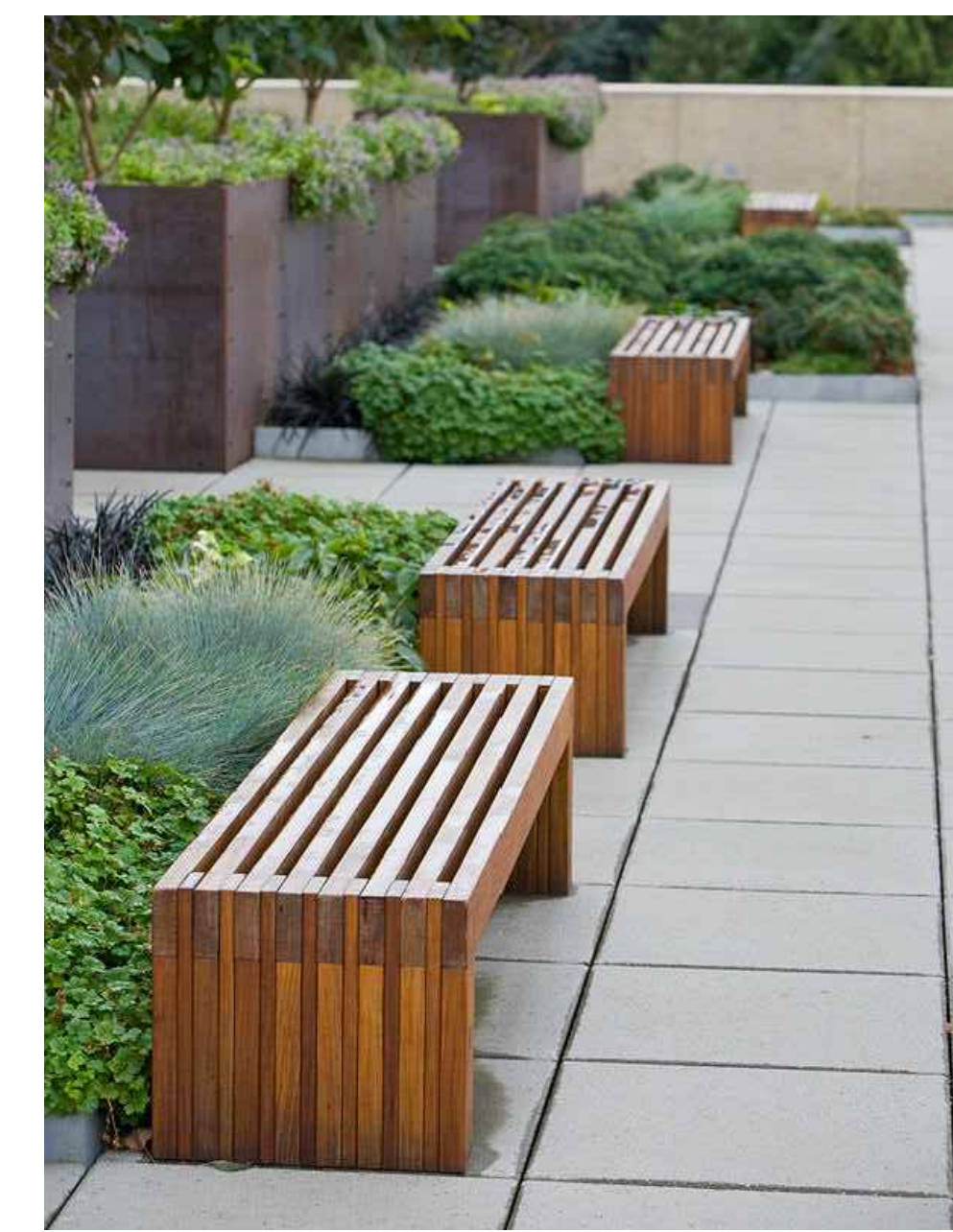
SYMBOL	#	LATIN/COMMON NAME TREES	SIZE	SPACING	WATER USE
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SHRUBS (WITH MIN. 10"-12" SPREAD)					
	28	ABELIA 'LUCKY LOTS' Twist of Lime Abelia	5 gal.	4' o.c.	Low
	44	CISTUS LADANIFER Crimson Spot Rockrose	5 gal.	5' o.c.	Low
	125	MYRICA CALIFORNICA Pacific Wax Myrtle	5 gal.	5' o.c.	Low
	74	NANDINA DOMESTICA 'GULF STREAM' Gulf Stream Nandina	2 gal.	3' o.c.	Low
	71	PIERIS JAPONICA 'CABERNET' Enchanted Forest Pieris	5 gal.	4' o.c.	Low
	42	SPIRAEA X BUM. "GOLDMOUND" Goldmound Spiraea	2 gal.	3' o.c.	Low
	24	TAXUS BACCATA 'STRICTA' Irish Yew	5 gal.	4' o.c.	Low
	64	VIBURNUM DAVIDII David Viburnum	2 gal.	3' o.c.	Moderate
	75	VIBURNUM TINUS 'SPRING BOUQUET' Spring Bouquet Viburnum	5 gal.	4' o.c.	Moderate
GRASSES					
	37	CALAMAGROSTIS 'KARL FOERSTER' Feather Reed Grass	1 gal.	2' o.c.	Low
	20	MISCANTHUS SINENSIS 'YAKUSHIMA' Dwarf Maiden Grass	2 gal.	3' o.c.	Low

PLANT LIST: GENERAL LANDSCAPING

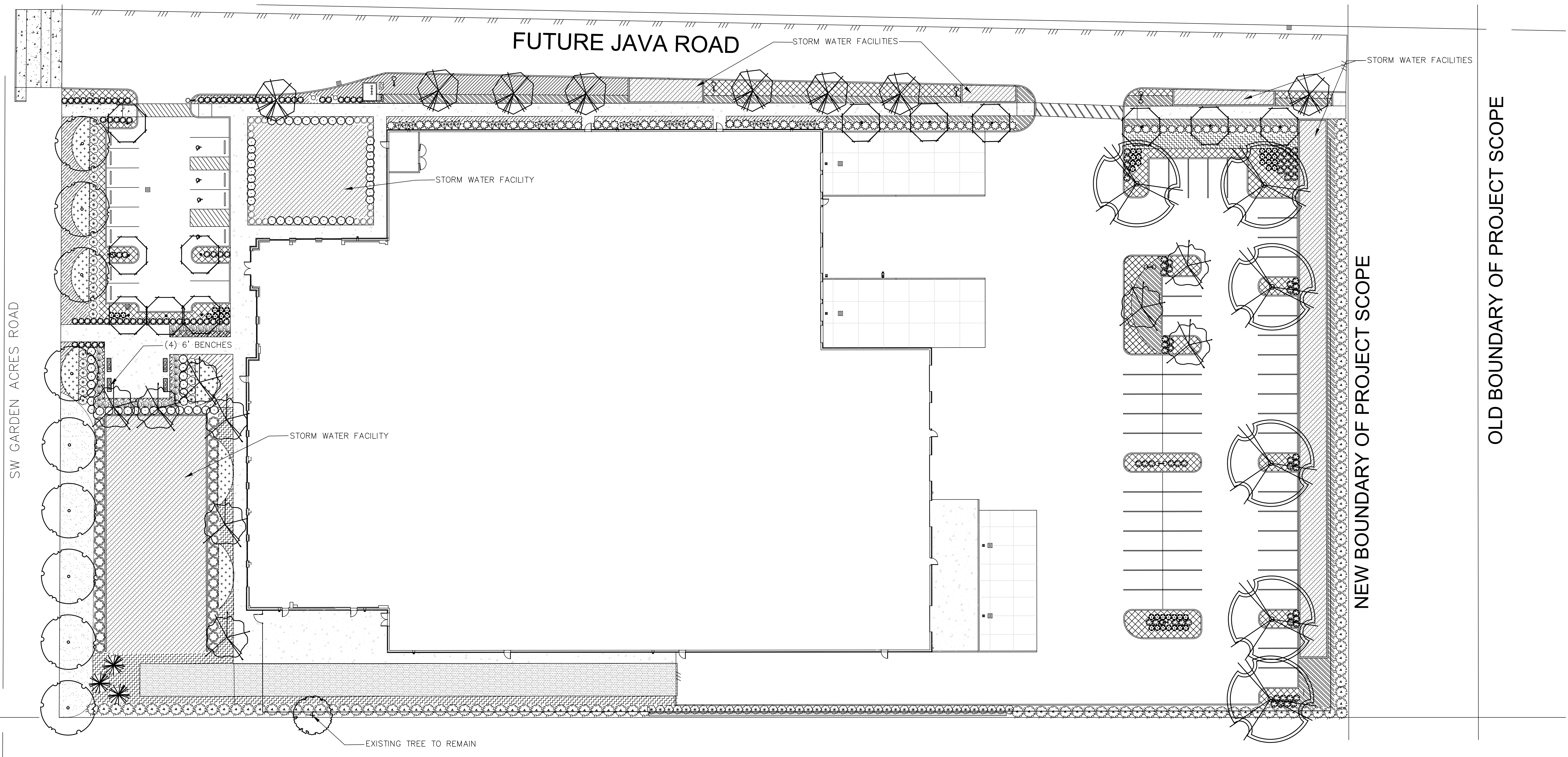
SYMBOL	#	LATIN/COMMON NAME TREES	SIZE	SPACING	WATER USE
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GROUNDCOVER					
	561	ARCTOSTAPHYLOS UVA-URSI "MASS." Massachusetts Kinnikinnick	1 gal.	3' o.c.	Low
	320	LIRIOPE MUSCARI Big Blue Lily Turf	1 gal.	2' o.c.	Moderate
	160	LONICERA PILEATA Box Honeysuckle	1 gal.	4' o.c.	Low
	263	MAHONIA REPENS Creeping Oregon Grape	1 gal.	30" o.c.	Low
	119	ROSA 'FLOWER CARPET AMBER' Flower Carpet Amber Rose	2 gal.	3' o.c.	Moderate
OTHER					
		FINE LAWN SEED MIX See Specifications			Moderate
		STORMWATER FACILITY PLANTING Per City of Wilsonville Standards			Moderate



PROPOSED BENCHES

MANUFACTURER: FORMS + SURFACES
MODEL: 6' HUDSON BENCH, SURFACE MOUNT

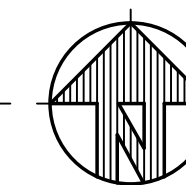


GENERAL NOTES:

- Contractor is to verify all plant quantities.
- Adjust plantings in the field as necessary.
- Project is to be irrigated by an automatic, underground system, which will provide full coverage for all plant material. System is to be design/ build by Landscape Contractor. Guarantee system for a minimum one year. Show drip systems as alternate bid only.
- All plants are to be fully foliated, well branched and true to form.
- Contractor is to notify Landscape Architect or Owner's Representative of any site changes or unforeseen conditions that may be detrimental to plant health, or cause future problems to any structural elements of the project.

LANDSCAPE PLAN

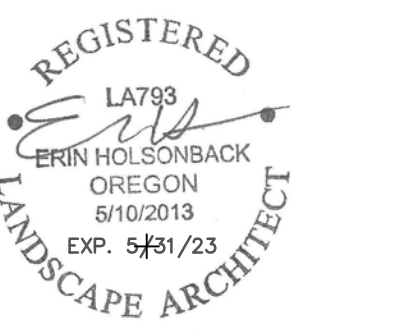
SCALE 1" = 20'-0"



DESIGN REVIEW SET 03/20/2023

MDG

ARCHITECTURE | INTERIORS
4875 SW Griffin Drive Suite 300
Beaverton, OR, 97005
(503) 244-0552



OITEN + ASSOCIATES
LANDSCAPE ARCHITECTURE
3933 South Kelly Avenue, Suite B
Portland, OR, 97239
(503) 972-0311
www.oitena.com

Client/ Owner:

Project:
**PRECISION
COUNTERTOP**

25540 SW Garden Acres
Road
Wilsonville OR 97140

Sheet Title:
**LANDSCAPE
PLAN**

Revisions:

#	Description	Date
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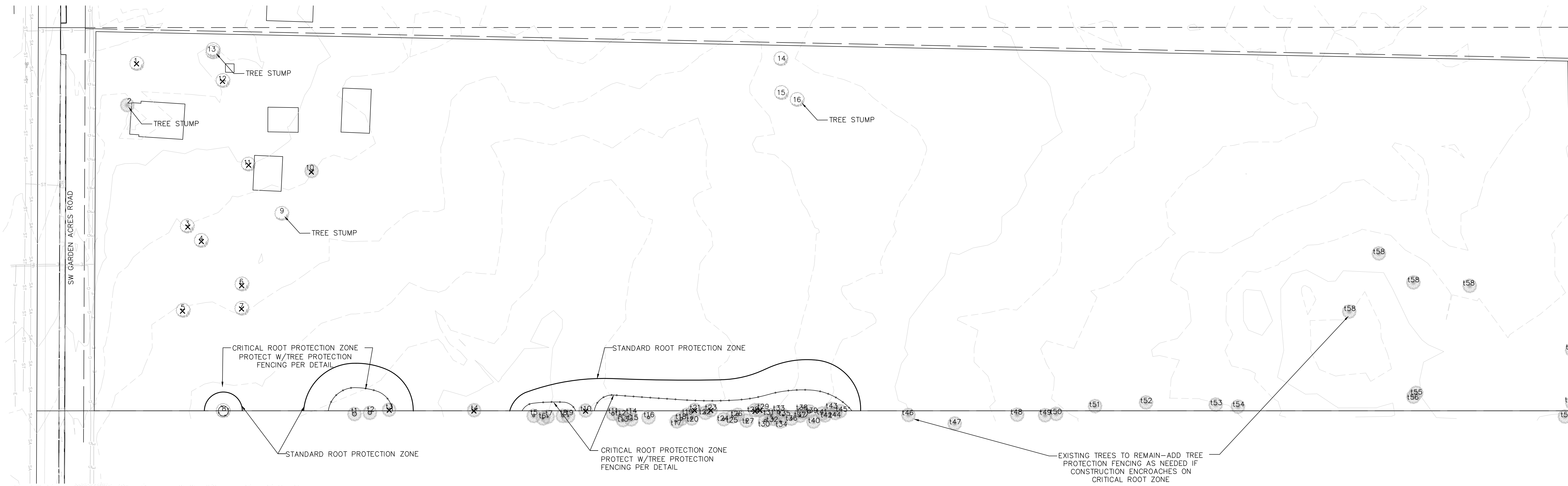
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Date: 03/17/2023

Job Number: 121036

Sheet

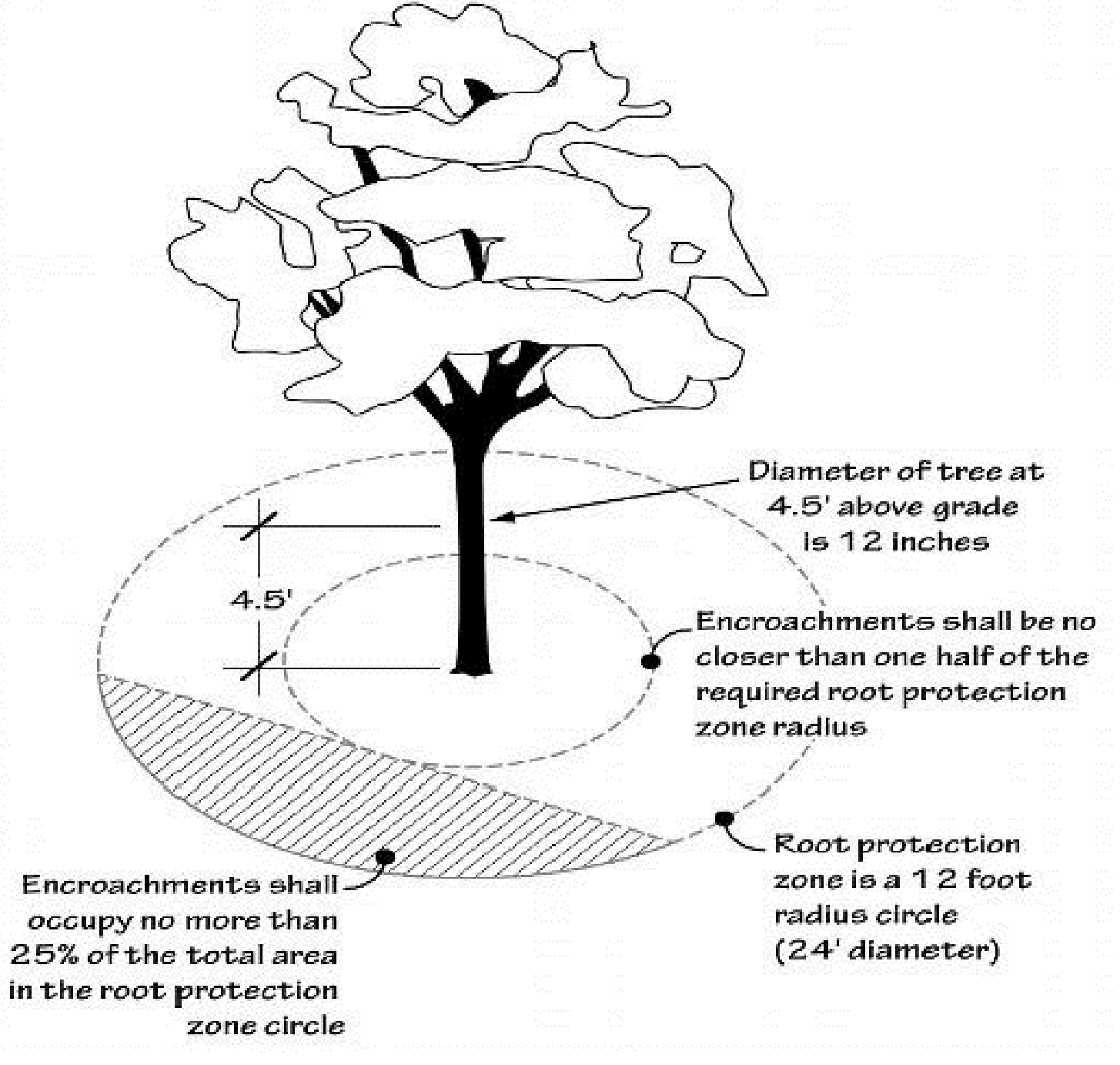
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TREE REMOVAL AND PROTECTION PLAN

X TREES TO BE REMOVED

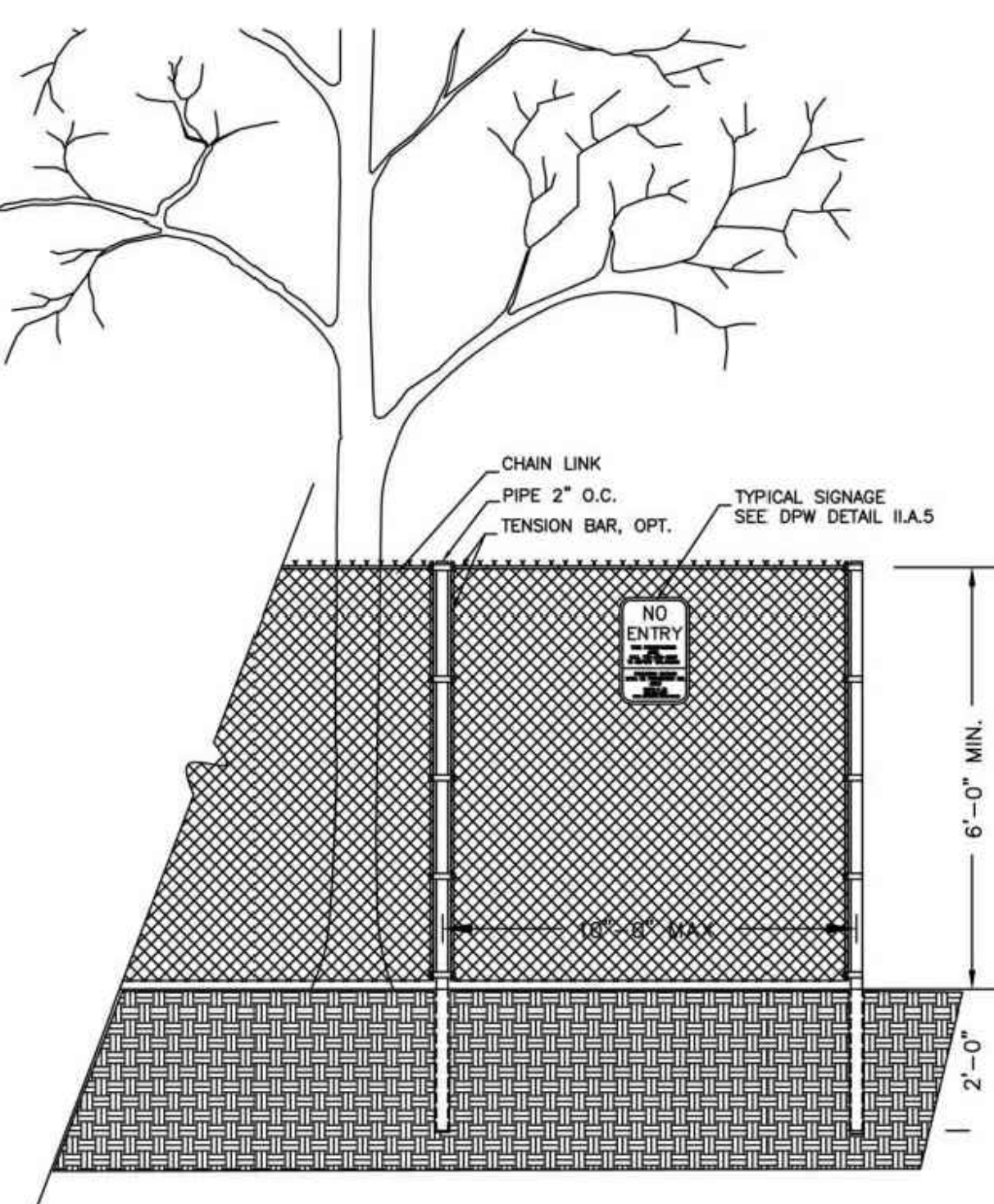
SCALE 1" = 40'-0"



TREE ROOT ZONE DETAIL

N.T.S.

- NOTES:**
1. ALL EXISTING TREES DESIGNATED TO BE PRESERVED SHALL BE PROTECTED BY FENCING, AS ILLUSTRATED.
 2. INSTALL TREE PROTECTION FENCE AT TREE DRIP LINE OR AT EDGE OF DISTURBED AREA, AS SHOWN ON PLANS, OR PER ARBORIST DIRECTION.
 3. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
 4. THERE SHALL BE NO CONSTRUCTION ACTIVITY OR STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
 5. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 6. SIGNAGE DESIGNATING THE TREE PROTECTION ZONE SHALL BE SECURED IN A PROMINENT LOCATION ON EACH PROTECTION FENCE.
 7. PROJECT ARBORIST TO BE ON SITE WHEN DIGGING OCCURS WITHIN STANDARD ROOT ZONE SOUTH GRAVEL ROAD AND PARKING LOT.
 8. SEE ARBORIST REPORT FOR FURTHER TREE PROTECTION SPECIFICATIONS.



TREE PROTECTION FENCING

N.T.S.

Tree Inventory - 25540 SW Garden Acres Rd, Sherwood, OR 97140
Conducted on 9/21/2021

Tree No.	Common Name	Botanical Name	DBH* (in)	Crown Radius (ft)	Health**	Structural Condition**	Comments
1	bigleaf maple	<i>Acer macrophyllum</i>	32	25	Good	Good	
2	incense cedar	<i>Calocedrus decurrens</i>	32	0	Dead	Dead	
3	apple	<i>Malus domestica</i>	12	12	Fair	Fair	Thin, deadwood.
4	apple	<i>Malus domestica</i>	26	20	Poor	Poor	Diameter measured at 2.5', codominant leaders at 4', deadwood, thin.
5	English walnut	<i>Juglans regia</i>	15	20	Good	Fair	Diameter measured at 2.75', multiple leaders at 4', grafted.
6	plum	<i>Prunus sp.</i>	13	12	Fair	Poor	Codominant leaders 8.8', split trunk, decay, broken branches.
7	plum	<i>Prunus sp.</i>	15	15	Good	Poor	Codominant leaders: 11.9, 6', stem decay, broken branches, wounds.
8	Norway maple	<i>Acer platanoides</i>	7	5	Fair	Fair	Blackened bark, heavy sap-sucker holes, deadwood.
9	onesced hawthorn	<i>Crataegus monogyna</i>	15	10	Good	Poor	Diameter at ground level, multiple leaders 2.3" in diameter at 1' above ground level.
10	western redbud	<i>Thuja plicata</i>	36	20	Poor	Very poor	Codominant leaders at 15', dead top, broken top, thin.
11	Douglas fir	<i>Pseudotsuga menziesii</i>	49	28	Good	Fair	Large 3x1' mechanical damage on west side of trunk.
12	spruce	<i>Picea pungens</i>	17	12	Good	Good	
13	cherry	<i>Prunus sp.</i>	23	8	Poor	Poor	Codominant leaders: 18, 15', twist trunk, dead top.
14	Douglas fir	<i>Pseudotsuga menziesii</i>	46	0	Dead	Dead	
15	Douglas fir	<i>Pseudotsuga menziesii</i>	49	0	Dead	Dead	
16	Douglas fir	<i>Pseudotsuga menziesii</i>	44	0	Dead	Dead	
17	Douglas fir	<i>Pseudotsuga menziesii</i>	38	18	Good	Fair	Sweeping trunk, lost and regrow top.
18	Douglas fir	<i>Pseudotsuga menziesii</i>	36	18	Good	Good	
19	Douglas fir	<i>Pseudotsuga menziesii</i>	38	20	Good	Good	
20	Douglas fir	<i>Pseudotsuga menziesii</i>	39	20	Good	Good	
21	Douglas fir	<i>Pseudotsuga menziesii</i>	36	22	Good	Fair	Unbalanced to the west.
22	Douglas fir	<i>Pseudotsuga menziesii</i>	37	20	Good	Fair	Unbalanced to the west.

*DBH (Diameter at Breast Height). The trunk diameter measured at industry standard, 4.5 feet above ground.
**Health and Structural Condition ratings range from Good, Fair, Poor, Very Poor, to Dead.

ARBORIST TREE SURVEY

Survey Number	Common and Scientific Name	DBH	Condition Health	Condition Structure	Field Notes/ Comments
t 1	Pinus palustris	42	Good	Good	
t 2	Pinus palustris	36	Good	Good	
t 3	Pinus palustris	38	Good	Good	low canopy
t 4	Pinus palustris	32	Good	Good	
t 5	Pinus palustris	20	Good	Good	
t 6	Pinus palustris	13	Good	Good	
t 7	Pinus palustris	13	Good	Good	
t 8	Pinus palustris	22	Good	Good	
t 9	Douglas-fir (Pseudotsuga menziesii)	10	Good	Good	
t 10	Douglas-fir (Pseudotsuga menziesii)	25	Good	Good	
t 11	Douglas-fir (Pseudotsuga menziesii)	29	Fair	Fair	
t 12	Douglas-fir (Pseudotsuga menziesii)	24	Fair	Poor	
t 13	Douglas-fir (Pseudotsuga menziesii)	21	Fair	Poor	
t 14	madrone (Arbutus menziesii)	8	Fair	Poor	
t 15	Douglas-fir (Pseudotsuga menziesii)	21	Fair	Poor	
t 16	Douglas-fir (Pseudotsuga menziesii)	27	Fair	Poor	
t 17	Douglas-fir (Pseudotsuga menziesii)	12	Fair	Poor	heavy lean
t 18	Douglas-fir (Pseudotsuga menziesii)	27	Fair	Poor	
t 19	Douglas-fir (Pseudotsuga menziesii)	16	Fair	Fair	
t 20	grand-fir (Abies grandis)	19	Fair	Fair	
t 21	grand-fir (Abies grandis)	27	Fair	Fair	
t 22	Douglas-fir (Pseudotsuga menziesii)	11	Fair	Fair	
t 23	Douglas-fir (Pseudotsuga menziesii)	24	Fair	Fair	
t 24	grand-fir (Abies grandis)	22	Fair	Fair	poison oak
t 25	grand-fir (Abies grandis)	20	Fair	Fair	
t 26	grand-fir (Abies grandis)	23	Fair	Fair	
t 27	madrone (Arbutus menziesii)	14	Fair	Poor	
t 28	grand-fir (Abies grandis)	26	Fair	Fair	
t 29	grand-fir (Abies grandis)	17	Fair	Fair	
t 30	grand-fir (Abies grandis)	23	Fair	Fair	
t 31	grand-fir (Abies grandis)	16	Fair	Fair	
t 32	Douglas-fir (Pseudotsuga menziesii)	16	Fair	Fair	
t 33	Douglas-fir (Pseudotsuga menziesii)	31	Fair	Fair	
t 34	grand-fir (Abies grandis)	16	Fair	Fair	
t 35	grand-fir (Abies grandis)	16	Dead/Dying	Failed/Failing	
t 36	grand-fir (Abies grandis)	18	Fair	Fair	
t 37	grand-fir (Abies grandis)	10	Fair	Failed/Failing	broken top
t 38	Douglas-fir (Pseudotsuga menziesii)	8	Fair	Failed/Failing	broken top
t 39	giant-sequoia (Sequoiadendron giganteum)	34	Good	Good	
t 40	grand-fir (Abies grandis)	18	Fair	Poor	heavy lean
t 41	grand-fir (Abies grandis)	16	Good	Good	
t 42	grand-fir (Abies grandis)	16	Good	Good	
t 43	grand-fir (Abies grandis)	24	Good	Good	
t 44	grand-fir (Abies grandis)	17	Fair	Fair	
t 45	red pine (Pinus resinosa)	20	Poor	Poor	
t 46	grand-fir (Abies grandis)	29	Fair	Fair	
t 47	Douglas-fir (Pseudotsuga menziesii)	40	Fair	Fair	
t 48	Douglas-fir (Pseudotsuga menziesii)	36	Fair	Fair	
t 49	Douglas-fir (Pseudotsuga menziesii)	36	Fair	Fair	
t 50	Douglas-fir (Pseudotsuga menziesii)	24	Fair	Fair	
t 51	Douglas-fir (Pseudotsuga menziesii)	36	Fair	Fair	
t 52	Douglas-fir (Pseudotsuga menziesii)	28	Fair	Fair	
t 53	Douglas-fir (Pseudotsuga menziesii)	18	Fair	Fair	
t 54	Douglas-fir (Pseudotsuga menziesii)	42	Fair	Fair	
t 55	Douglas-fir (Pseudotsuga menziesii)	24	Fair	Fair	
t 56	Douglas-fir (Pseudotsuga menziesii)	46	Fair	Fair	
t 57	Douglas-fir (Pseudotsuga menziesii)	34	Fair	Fair	
t 58	Douglas-fir (Pseudotsuga menziesii)	40	Fair	Fair	
t 59	Douglas-fir (Pseudotsuga menziesii)	40	Fair	Fair	
t 60	Douglas-fir (Pseudotsuga menziesii)	38	Fair	Fair	
t 61	Douglas-fir (Pseudotsuga menziesii)	38	Fair	Fair	
t 62	Douglas-fir (Pseudotsuga menziesii)	38	Fair	Fair	
t 63	Douglas-fir (Pseudotsuga menziesii)	38	Fair	Fair	

Client/ Owner:

PRECISION COUNTERTOP

25540 SW Garden Acres Road
Wilsonville OR 97140

Sheet Title:

TREE REMOVAL AND PROTECTION PLAN

Revisions:

#	Description	Date

OUTLINE SPECIFICATIONS PLANTING AND SEEDING:

GENERAL: All plants shall conform to all applicable standards of the latest edition of the "American Association of Nurserymen Standards", A.N.S.I. Z60.1 – 1973. Meet or exceed the regulations and laws of Federal, State, and County regulations, regarding the inspection of plant materials, certified as free from hazardous insects, disease, and noxious weeds, and certified fit for sale in Oregon.

The apparent silence of the Specifications and Plans as to any detail, or the apparent omission from them of a detailed description concerning any point, shall be regarded as meaning that only the best general practice is to prevail and that only material and workmanship of first quality are to be used. All interpretations of these Specifications shall be made upon the basis above stated.

Landscape contractor shall perform a site visit prior to bidding to view existing conditions.

PERFORMANCE QUALITY ASSURANCE: Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary horticultural practices and who are completely familiar with the specified requirements and methods needed for the proper performance of the work of this section.

NOTIFICATION: Give Landscape Architect minimum of 2 days advance notice of times for inspections. Inspections at growing site does not preclude Landscape Architect's right of rejection of deficient materials at project site. Each plant failing to meet the above mentioned "Standards" or otherwise failing to meet the specified requirements as set forth shall be rejected and removed immediately from the premises by the Contractor and at his expense, and replaced with satisfactory plants or trees conforming to the specified requirements.

SUBSTITUTIONS: Only as approved by the Landscape Architect or the Owner's Representative.

GUARANTEE AND REPLACEMENT: All plant material shall be guaranteed from final acceptance for one full growing season or one year, whichever is longer. During this period the Contractor shall replace any plant material that is not in good condition and producing new growth (except that material damaged by severe weather conditions, due to Owner's negligence, normally unforeseen peculiarities of the planting site, or lost due to vandalism). Guarantee to replace, at no cost to Owner, unacceptable plant materials with plants of same variety, age, size and quality as plant originally specified. Conditions of guarantee on replacement plant shall be same as for original plant.

Landscape Contractor shall keep on site for Owner's Representative's inspection, all receipts for soil amendment and topsoil deliveries.

PROTECTION Protect existing roads, sidewalks, and curbs, landscaping, and other features remaining as final work. Verify location of underground utilities prior to doing work. Repair and make good any damage to service lines, existing features, etc. caused by landscaping installation.

PLANT QUALITY ASSURANCE: Deliver direct from nursery. Maintain and protect roots of plant material from drying or other possible injury. Store plants in shade and protect them from weather immediately upon delivery, if not to be planted within four hours.

Nursery stock shall be healthy, well branched and rooted, formed true to variety and species, full foliated, free of disease, injury, defects, insects, weeds, and weed roots. Trees shall have straight trunks, symmetrical tips, and have an intact single leader. Any trees with double leaders will be rejected upon inspection. All Plants: True to name, with one of each bundle or lot tagged with the common and botanical name and size of the plants in accordance with standards of practice of the American Association of Nurserymen, and shall conform to the Standardized Plant Names, 1942 Edition.

Container grown stock: Small container-grown plants, furnished in removable containers, shall be well rooted to ensure healthy growth. **Grow container plants in containers a minimum of one year** prior to delivery, with roots filling container but not root bound. Bare root stock: Roots well-branched and fibrous. Balled and burlapped (B&B): Ball shall be of natural size to ensure healthy growth. Ball shall be firm and the burlap sound. No loose or made ball will be acceptable.

TOPSOIL AND FINAL GRADES: Landscape Contractor is to supply and place 12" of topsoil in planting beds and 6" in lawn areas. Landscape Contractor is to verify with the General Contractor if the on-site topsoil is or is not conducive to proper plant growth. The topsoil shall be a sandy loam, free of all weeds and debris inimical to lawn or plant growth. Furnish soil analysis by a qualified soil testing laboratory stating percentages of organic matter; gradation of sand, silt and clay content; cation exchange capacity; deleterious material; pH; and plant nutrient content of the topsoil. Report suitability of topsoil for plant growth and recommended quantities of nitrogen, phosphorus and potash nutrients and soil amendments (including compost) to be added to produce satisfactory topsoil. If stockpiled topsoil on site is not conducive to proper plant growth, the Landscape Contractor shall import the required amount.

Landscaping shall include finished grades and even distribution of topsoil to meet planting requirements. Grades and slopes shall be as indicated. Planting bed grades shall be approximately 3" below adjacent walks, paving, finished grade lines, etc., to allow for bark application. Finish grading shall remove all depressions or low areas to provide positive drainage throughout the area.

PLANTING SPECIFICATIONS:

HERBICIDES: Prior to soil preparation, all areas showing any undesirable weed or grass growth shall be treated with Round-up in strict accordance with the manufacturer's instructions.

SOIL PREPARATION: Work all areas by rototilling to a minimum depth of 8". Remove all stones (over 1 1/2" size), sticks, mortar, large clumps of vegetation, roots, debris, or extraneous matter turned up in working. Soil shall be of a homogeneous fine texture. Level, smooth and lightly compact area to plus or minus .10 of required grades.

In groundcover areas add 2" of compost (or as approved) and till in to the top 6" of soil.

PLANTING HOLE: Lay out all plant locations and excavate all soils from planting holes to 2 1/2 times the root ball or root system width. Loosen soil inside bottom of plant hole. Dispose of any "subsoil" or debris from excavation. Check drainage of planting hole with water, and adjust any area showing drainage problems.

SOIL MIX: Prepare soil mix in each planting hole by mixing:
2 part native topsoil (no subsoil)
1 part compost (as approved)

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

- Small shrubs - 1/8 lb./ plant
- Shrubs - 1/3 to 1/2 lb./ plant
- Trees - 1/3 to 1 lb./ plant

FERTILIZER: For trees and shrubs use Commercial Fertilizer "A" Inorganic (5-4-3) with micro-nutrients and 50% slow releasing nitrogen. For initial application in fine seed lawn areas use Commercial Fertilizer "B" (8-16-8) with micro-nutrients and 50% slow-releasing nitrogen. For lawn maintenance use Commercial Fertilizer "C" (22-16-8) with micro-nutrients and 50% slow-releasing nitrogen. **DO NOT** apply fertilizer to Water Quality Swale.

PLANTING TREES AND SHRUBS: Plant upright and face to give best appearance or relationship to adjacent plants and structures. Place 6" minimum, lightly compacted layer of prepared planting soil under root system. Loosen and remove twine binding and burlap from top 1/2 of root balls. Cut off cleanly all broken or frayed roots, and spread roots out. Stagger Plants in rows. Backfill planting hole with soil mix while working each layer to eliminate voids.

When approximately 2/3 full, water thoroughly, then allow water to soak away. Place remaining backfill and dish surface around plant to hold water. Final grade should keep root ball slightly above surrounding grade, not to exceed 1". Water again until no more water is absorbed. Initial watering by irrigation system is not allowed.

STAKING OF TREES: Stake or guy all trees. Stakes shall be 2" x 2" (nom.) quality tree stakes with point. They shall be of Douglas Fir, clear and sturdy. Stake to be minimum 2/3 the height of the tree, not to exceed 8'-0". Drive stake firmly 1'-6" below the planting hole. Tree ties for deciduous trees shall be "Chainlock" (or better). For Evergreen trees use "Gro-Strait" Tree Ties (or a reinforced rubber hose and guy wires) with guy wires of a minimum 2 strand twisted 12 ga. wire. Staking and guying shall be loose enough to allow movement of tree while holding tree upright. Tree stakes shall be removed after one year.

MULCHING OF PLANTINGS: Mulch planting areas with dark, aged, medium grind fir or hemlock bark (aged at least 6 months) to a depth of 2" in ground cover areas and 2 1/2" in shrub beds. Apply evenly, not higher than grade of plant as it came from the nursery, and rake to a smooth finish. Water thoroughly, then hose down planting area with fine spray to wash leaves of plants.

FINE LAWN AREAS: In fine lawn area apply Commercial Fertilizer Mix "B" at 4.5 lbs. Per 1,000 sq.ft. and rake into soil surface. Establish an even, fine textured seeded meeting grades, surfaces and texture. Sow seed with a mechanical spreader at the uniform rates as noted below. Rake seed lightly to provide cover.

ROUGH SEED AREA: In rough seeded area, establish an evenly graded seedbed. Sow seed with a mechanical spreader at the uniform rates as noted below. Rake seed lightly to provide cover.

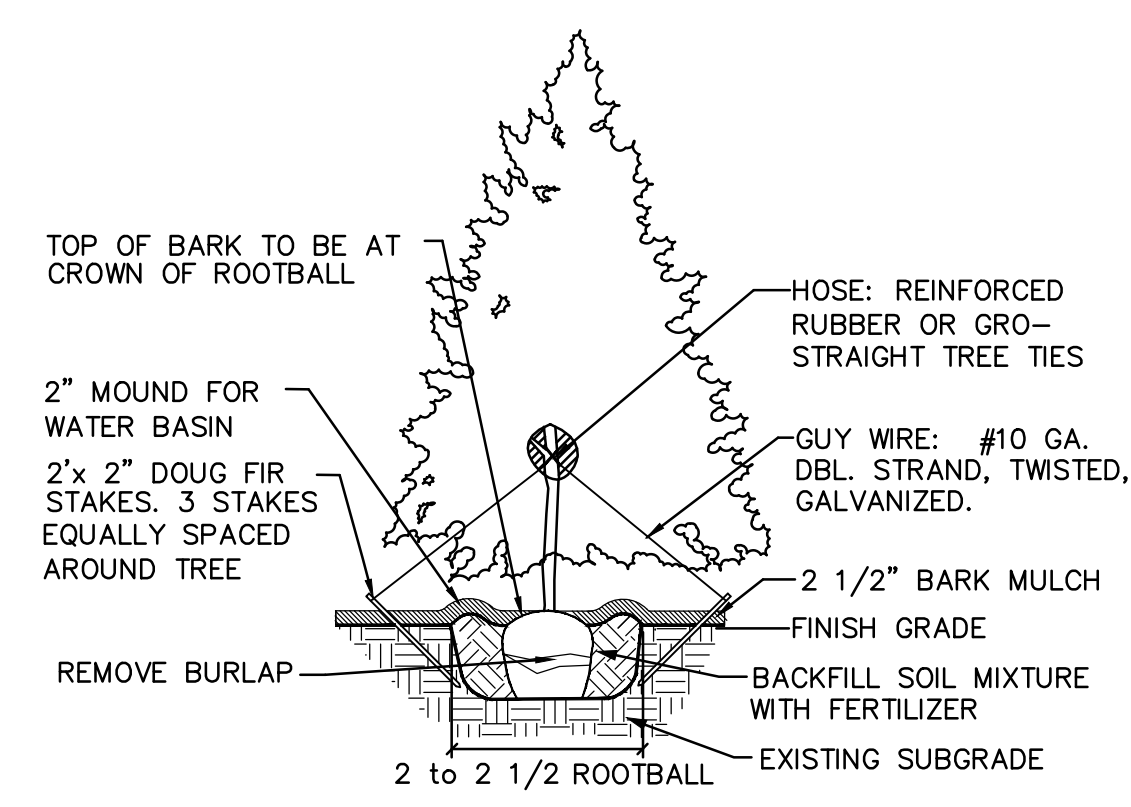
SEED: Bluetag grass seed conforming to applicable State laws. No noxious weed seeds. Submit Guaranteed analysis.
Fine Lawn Seed Mix: To contain 50% Top Hat Perennial Ryegrass, 30% Derby Supreme Ryegrass, 20% Longfellow Chewings Fescue (Hobbs and Hopkins Pro-Time 303 Lawn Mix or as approved) Sow Seed at 5 lbs. / 1000 sq. ft.

Rough Seed Mix: To contain: 60% Perennial Ryegrass, 15% Eureka Hard Fescue, and 20% Herbaceous Plants and Clover (Hobbs and Hopkins Pro-Time 705 PDX, or approved equal). Sow at 2 lbs. Per 1,000 sq.ft.

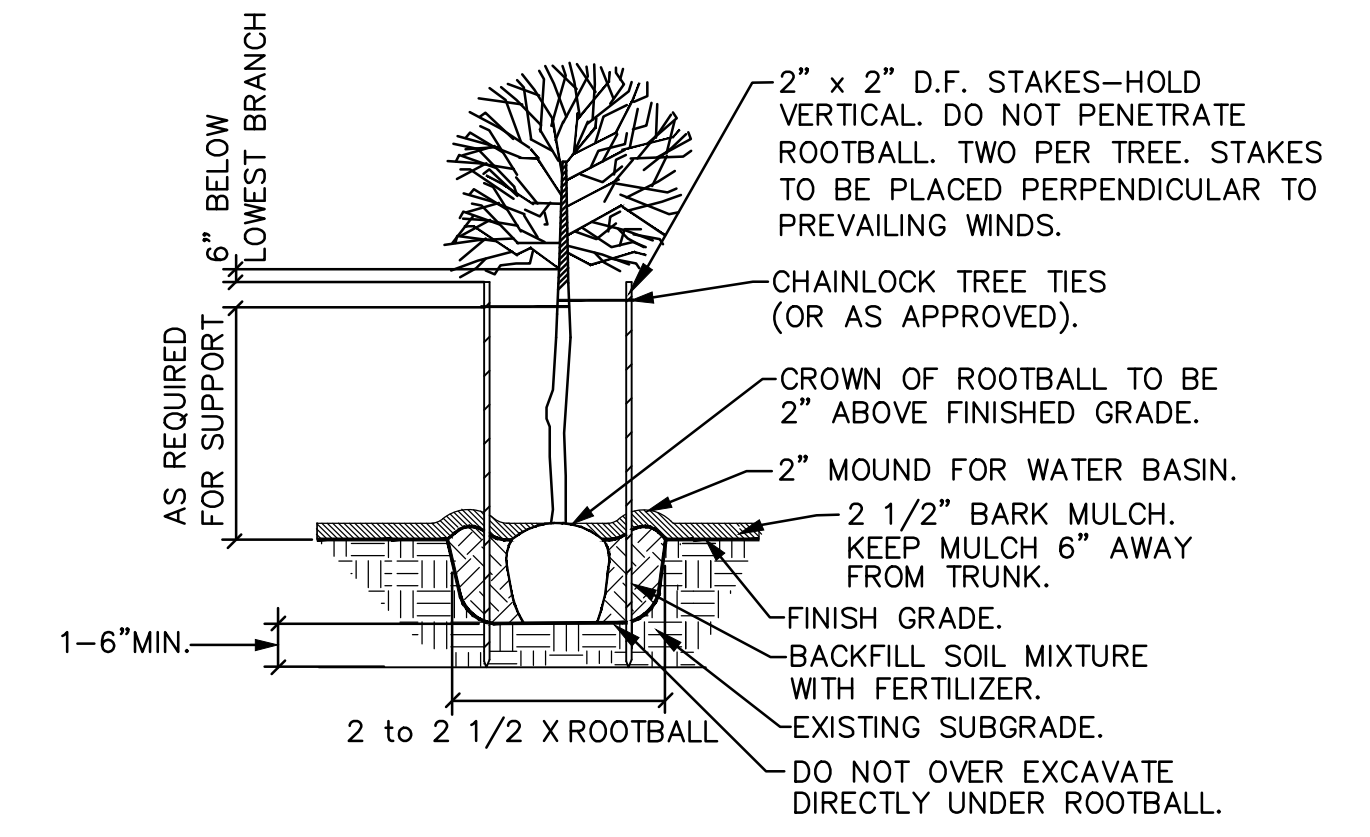
MAINTENANCE OF SEEDED AREAS:
Fine Lawn Areas: The lawn areas shall be maintained by watering, mowing, reseeding, and weeding for a minimum of 60 days after seeding. After 30 days, or after the second mowing, apply Commercial Fertilizer Mix "C" at 5 lbs. per 1,000 sq. ft. Mow and keep at 1 1/2" to 2" in height. Remove clippings and dispose of off site.

GENERAL MAINTENANCE: Protect and maintain work described in these specifications against all defects of materials and workmanship, through final acceptance. Replace plants not in normal healthy condition at the end of this period. Water, weed, cultivate, mulch, reset plants to proper grade or upright position, remove dead wood and do necessary standard maintenance operations. Irrigate when necessary to avoid drying out of plant materials, and to promote healthy growth.

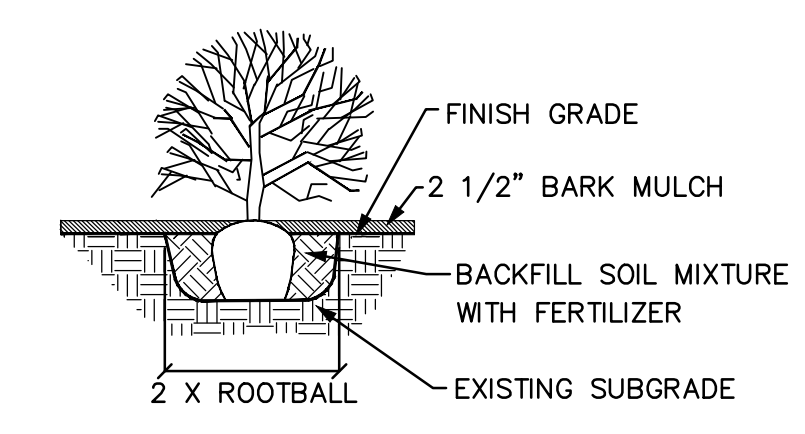
CLEAN-UP: At completion of each division of work all extra material, supplies, equipment, etc., shall be removed from the site. All walks, paving, or other surfaces shall be swept clean, mulch areas shall have debris removed and any soil cleared from surface. All areas of the project shall be kept clean, orderly and complete.



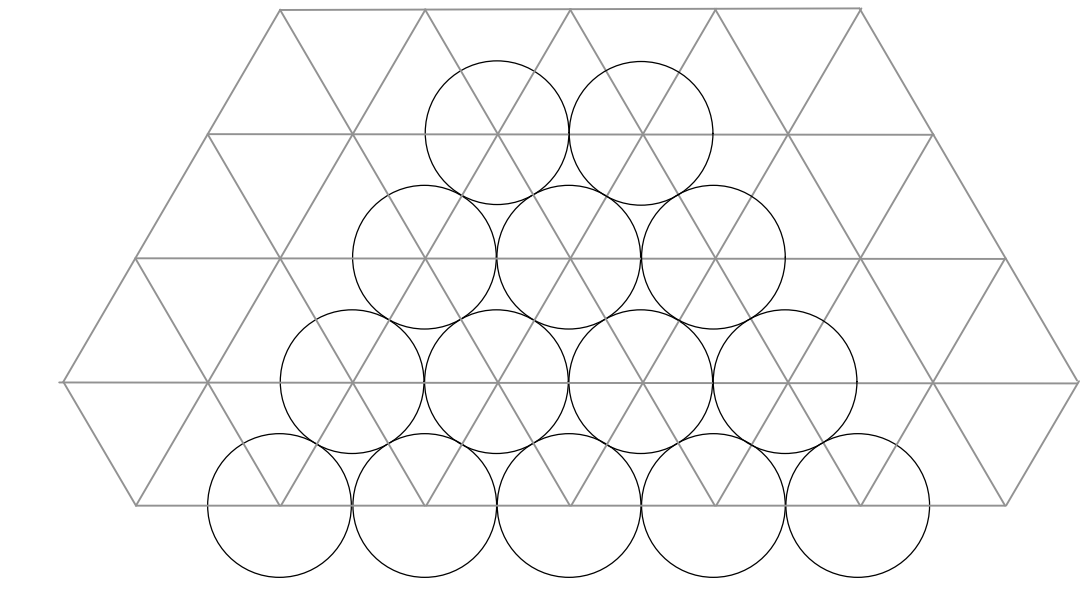
EVERGREEN TREE STAKING DETAIL
NOT TO SCALE



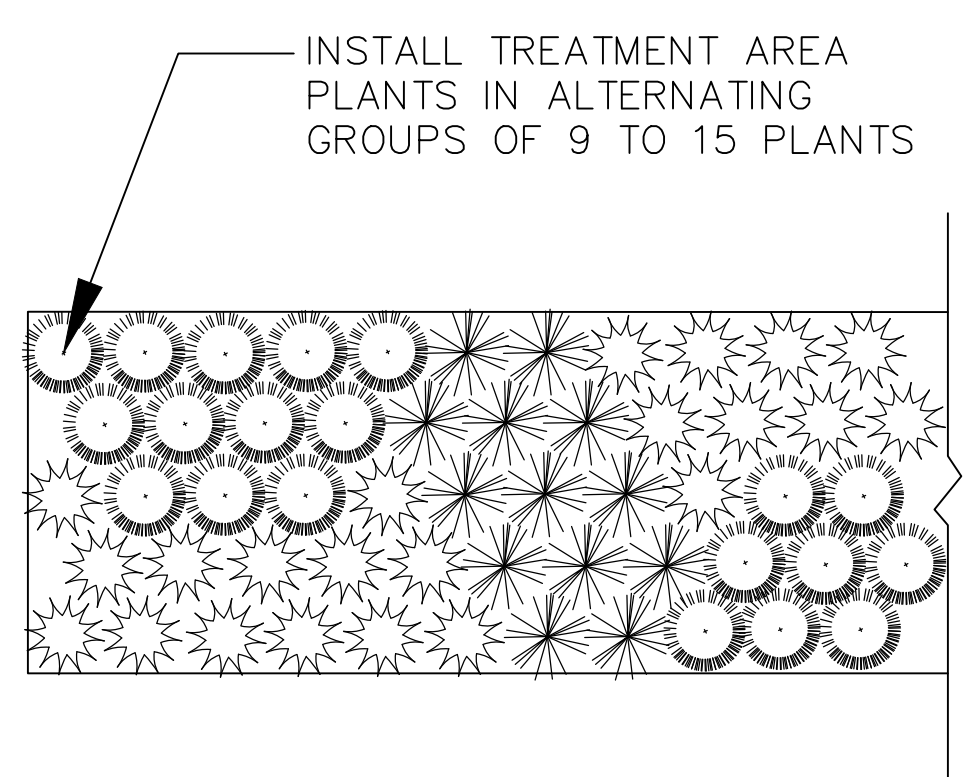
GENERAL DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE



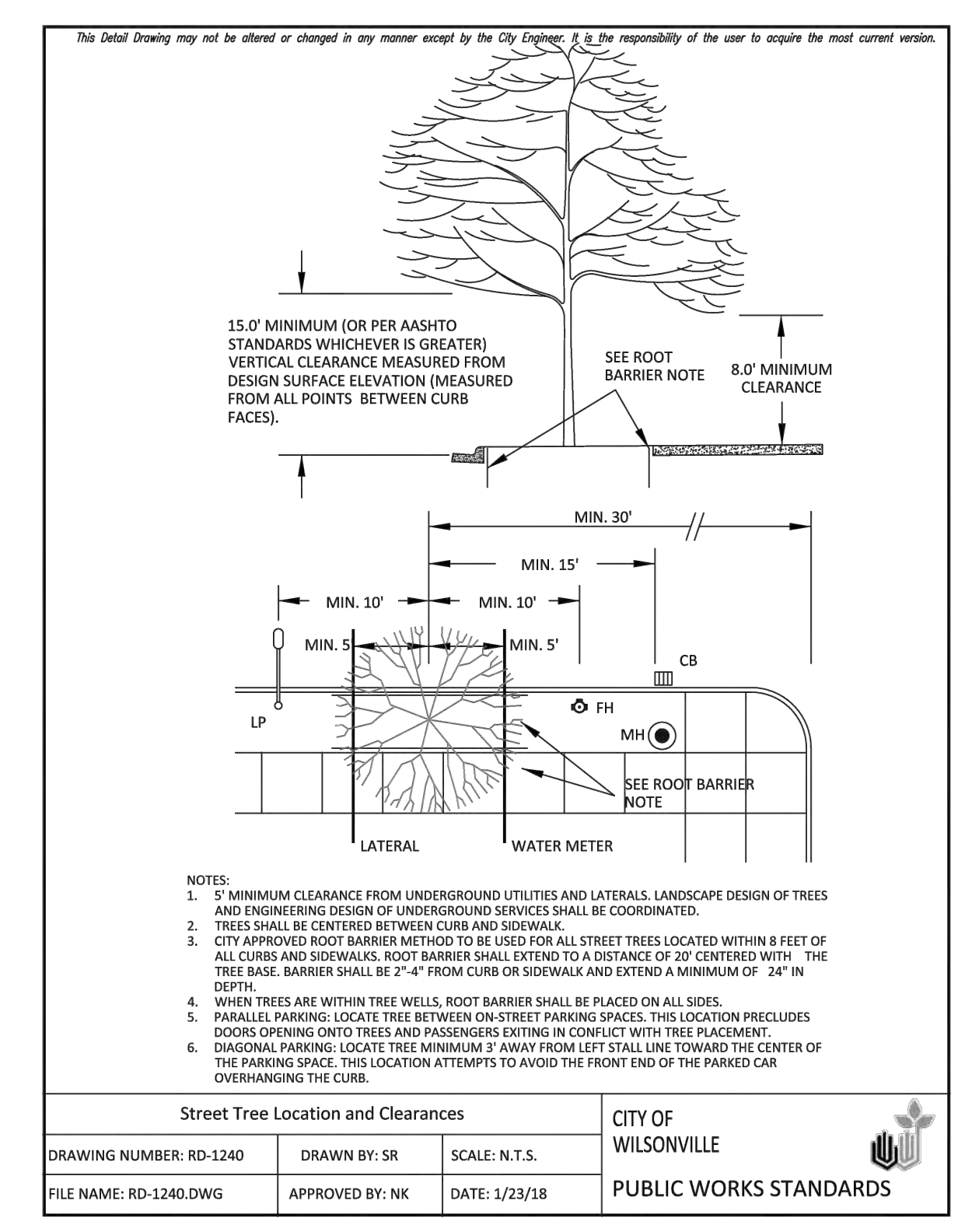
SHRUB PLANTING DETAIL
NOT TO SCALE



GROUNDCOVER PLANTING DETAIL
NOT TO SCALE



STORMWATER FACILITY PLANTING DETAIL
NOT TO SCALE



Street Tree Location and Clearances
CITY OF WILSONVILLE
PUBLIC WORKS STANDARDS

Client/ Owner:

Project:
PRECISION COUNTERTOP

25540 SW Garden Acres Road
Wilsonville OR 97140

Sheet Title:

LANDSCAPE SPECIFICATIONS & DETAILS

Revisions:

#	Description	Date
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GENERAL NOTES - SITE PLAN

- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION RELATED TO SUCH.
 - REFER TO CIVIL DRAWINGS FOR GRADING AND UTILITY INFORMATION.
 - CONTRACTORS SHALL VERIFY ALL LOCATIONS OF EXISTING UTILITIES. CARE SHOULD BE TAKE TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING UTILITIES.
 - REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR ALL PUBLIC RIGHT-OF-WAY IMPROVEMENTS. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR THE LOCATION OF THE HOOK-UP.
 - THE CONSTRUCTION SHALL NOT BE WITHIN 10' OF ANY POWER LINES - WHETHER OR NOT THE POWER LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS OR ADDITIONAL EXPENSES.
 - FIRE LANES SHALL BE DESIGNED TO SUPPORT A FIRE APPARATUS LOAD OF 75,000 LBS WITH A WHEEL LOAD OF 12,500 LBS.
 - DELEGATED DESIGN NFPA 13 FIRE SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH OSSC 903.3.1.1 WILL BE A DEFERRED SUBMITTAL.
 - FIRE FLOW DEMAND PER OFC APPENDIX B:
PER TABLE B105.2, SECTION 903.3.1.1 DESIGN STANDARD:
A. FIRE FLOW RATE: 2,750 GPM
FIRE FLOW DURATION: 2 HRS
TABLE B105.2 REQUIRED FIRE FLOW - SPRINKLERED PER IFC 903.3.1.1:
FIRE FLOW REDUCTION: 2,750 GPM x 0.25 = 687.5 GPM
*THE REDUCED FIRE FLOW RATE SHALL NOT BE LESS THAN 1,000 GPM
MIN. REQUIRED FIRE FLOW RATE = 1,000 GPM
MIN. REQUIRED FIRE FLOW DURATION = 2 HRS
- ELECTRIC VEHICLE CHARGING STATION INFRASTRUCTURE SHALL BE PROVIDED IN ACCORDANCE WITH DIVISION 460 STRUCTURAL AND ENERGY EFFICIENCY SPECIALTY CODES SECTION 918-460-0200 SUMMARIZED GENERALLY AS FOLLOWS. CONTRACTOR TO VERIFY REQUIREMENTS AND COMPLY WITH MOST CURRENT REQUIREMENTS.
- NO LESS THAN 20%, ROUNDED UP TO THE NEAREST WHOLE NUMBER, OF THE SPACES IN THE GARAGE OR PARKING AREA FOR THE BUILDING, OR
 - IF LOCAL JURISDICTION REQUIRES MORE THAN THE QUANTITY NOTED IN ITEM 2A ABOVE, SHALL BE IN ACCORDANCE WITH THE LOCAL JURISDICTION'S REQUIREMENTS.
 - PROVISION OF BUILDING ELECTRICAL SERVICE, SIZED FOR THE ANTICIPATED LOAD OF ELECTRIC VEHICLE CHARGING STATIONS (EVCS), THAT HAS OVERCURRENT DEVICES NECESSARY FOR EVCS OR HAS ADEQUATE SPACE TO ADD OVERCURRENT DEVICES.
 - A DESIGNATED SPACE WITHIN A BUILDING TO ADD ELECTRICAL SERVICE WITH CAPACITY FOR EVCS; OR
 - A DESIGNATED LOCATION ON BUILDING PROPERTY, IN OR ADJACENT TO A LANDSCAPED AREA, FOR INSTALLING REMOTE SERVICE FOR EVCS;
 - A CONDUIT SYSTEM INSTALLED FROM THE BUILDING ELECTRICAL SERVICE, OR FROM THE DEDICATED SPACE OR LOCATION FOR A FUTURE ELECTRICAL SERVICE AS DESCRIBED IN SUBSECTION 3B OR 3C TO PARKING SPACES THAT CAN SUPPORT, AT A MINIMUM, ELECTRICAL WIRING FOR INSTALLATION OF LEVEL 2 EVCS; BOTH ENDS OF THE CONDUIT MUST BE LABELED TO SHOW THAT THE CONDUIT IS PROVIDED FOR FUTURE EVCS;
 - THE INSTALLATION OF A LEVEL 2 OR BETTER EVCS AT A PARKING SPACE SATISFIES THE INFRASTRUCTURE REQUIREMENTS OF THIS RULE FOR THAT PARKING SPACE.
 - ALL ELECTRICAL INSTALLATIONS MUST COMPLY WITH THE PROVISIONS OF THE OREGON ELECTRICAL SPECIALTY CODE.
- PROPOSED PARKING = 71 STALLS
TOTAL PARKING = 71 STALLS X 20% = 14.2 => 15 EVCS STALLS REQUIRED < 15 PROPOSED, OKAY

TOTAL SITE AREA:	406,233 SF = 9.32 ACRES
SITE AREA IN PROJECT SCOPE:	189,289 SF = 4.34 ACRES
BUILDING AREA:	66,002 SF
PARKING PAVING AREA:	78,118 SF
LOT COVERAGE/IMPERV AREA:	66,002 SF / 78,118 SF = 144,120 SF
REQUIRED LANDSCAPING:	15% OF TOTAL SITE 189,289 SF x 0.15 = 28,393 SF MIN REQ'D 39,861 SF PROPOSED > 28,393 SF, OKAY
VEHICLE PARKING:	
OFFICE	2.7 x 6,820/1,000 = 18.5 SPACES REQ'D MIN. 4.1 x 6,820/1,000 = 28 SPACES MAX
RETAIL/SHOWROOM	1.67 x 2,973/1,000 = 5 SPACES REQ'D 6.2 x 2,973/1,000 = 18.5 SPACES MAX
WAREHOUSE/STORAGE	0.3 x 36,057/1,000 = 10.8 SPACES REQ'D 0.5 x 36,057/1,000 = 18.0 SPACES MAX
MANUFACTURING	1.6 x 20,152/1,000 SF = 32.3 SPACES REQ'D, NO MAX
TOTAL	18.5 + 5.0 + 10.8 + 32.3 = 66.6 SPACES REQ'D
	69 SPACES PROPOSED > 66.6, OKAY PER OSSC TABLE 1106.1, (3) ACCESSIBLE SPACES INCLUDING (1) VAN SPACE REQ'D
BICYCLE PARKING:	
OFFICE	1.0 x 6,820/5,000 = 1.4 SPACES, 2.0 REQ'D MIN
RETAIL/SHOWROOM	1.0 x 2,973/1,000 = 0.4 SPACES, 2.0 REQ'D MIN
WAREHOUSE/STORAGE	1.0 x 36,057/20,000 = 2.0 SPACES, 2.0 REQ'D MIN
MANUFACTURING	1.0 x 20,152/10,000 SF = 2.0 SPACES, 6.0 REQ'D MIN
TOTAL	12 SPACES PROPOSED > 12, OKAY PROVIDE 6 SHORT TERM, 6 LONG TERM SPACES
LOADING:	
(1) OUTRIGHT @ 250 SF	
(1) 30,000 SF - 100,000 SF @ 500 SF	
MIN: 10.0'W x 25.0'L x 14.0'H	

KEYNOTES

- SP-001 PROPERTY LINE
- SP-003 LIMITS OF WORK
- SP-008 ASPHALT PAVING
- SP-025 CROSSWALK, PAINTED
- SP-026 CONCRETE SITE WALL, 6"W X 30"H
- SP-031 FENCE, ORNAMENTAL BLACK BAR, 6'-0"H
- SP-033 GATE, ORNAMENTAL BLACK BAR, 20'W MIN CLR. ELECTRIC GATES SHALL BE EQUIPPED WITH A MEANS FOR OPERATION BY FIRE DEPT PERSONNEL
- SP-034 CONCRETE LOADING DOCK SLAB
- SP-040 WHEEL STOP
- SP-041 ELECTRIC VEHICLE CHARGING INFRASTRUCTURE PER OAR 918-460-0200
- SP-051 WAYSIDE PLAZA WITH BENCH, WASTE AND RECYCLING RECEPTACLE, BOLLARD LIGHTING, 960 SF
- SP-062 (2) FLAG POLES, 20' TALL

PARKING SCHEDULE

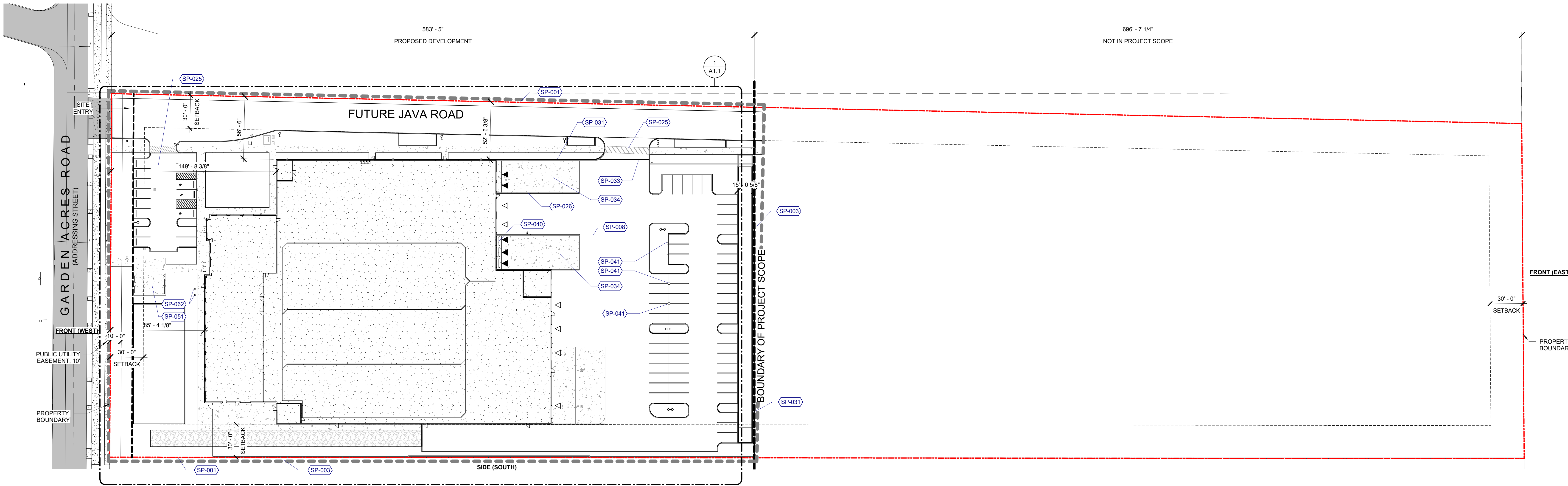
Description	Count
9.0' X 15.0' VEHICLE COMPACT SPACE	8
9.0' X 18.0' ACCESSIBLE SPACE	3
9.0' X 18.0' VAN ACCESSIBLE SPACE	1
9.0' X 18.0' VEHICLE STANDARD SPACE	57
TOTAL	69

AREA SCHEDULE - ZONING

Name	Area
MANUFACTURING	19,545 SF
OFFICE	7,114 SF
SHOWROOM/RETAIL	2,963 SF
WAREHOUSE	36,474 SF
TOTAL AREA:	66,096 SF

LEGEND

- △ DRIVE-IN DOOR
- ▲ DOCK-HEIGHT DOOR
- AREA OF WORK
- FIRE LANE
- PARKING COUNT SUBTOTAL
- SLOPE DOWN, UNO



1 SITE PLAN (CURRENT PROPOSED)
1" = 40'-0"

Client/ Owner:

PRECISION COUNTERTOPS

26200 SW 95th Ave,
Wilsonville OR 97070

Project:

PRECISION COUNTERTOPS

SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:

OVERALL SITE PLAN

Revisions:

#	Description	Date

LEGEND	
	DRIVE-IN DOOR
	DOCK-HEIGHT DOOR
	AREA OF WORK
	FIRE LANE
	PARKING COUNT SUBTOTAL
	SLOPE DOWN, UNO

KEYNOTES	
SP-005	CURB, 6" H
SP-009	ACCESSIBLE PARKING SPACE, AISLE, SIGNAGE AND RAMP - SEE DETAIL
SP-010	VAN ACCESSIBLE PARKING SPACE, AISLE, SIGNAGE AND RAMP - SEE DETAIL
SP-012	ACCESSIBLE ROUTE, PAINT STRIPING
SP-014	LANDSCAPING
SP-017	EXISTING FIRE HYDRANT
SP-021	ONSITE STORM FACILITY
SP-025	CROSSWALK, PAINTED
SP-028	KNOX BOX, COORDINATE FINAL LOCATION(S) WITH FIRE MARSHAL
SP-031	FENCE, ORNAMENTAL BLACK BAR, 6'-0" H
SP-033	GATE, ORNAMENTAL BLACK BAR, 20" MIN CLR. ELECTRIC GATES SHALL BE EQUIPPED WITH A MEANS FOR OPERATION BY FIRE DEPT PERSONNEL
SP-041	ELECTRIC VEHICLE CHARGING INFRASTRUCTURE PER OAR 918-460-0200
SP-043	FDC - COORDINATE LOCATION WITH FIRE MARSHAL
SP-044	FIRE HYDRANT (N)
SP-049	POLE MOUNTED SITE LIGHTING
SP-054	DOWNSPOUT
SP-055	EXIT DOOR IN FENCE WITH EXIT DEVICE AND KNOX BOX FOR FIRE DEPARTMENT
SP-057	SHORT TERM BIKE PARKING, SEE ENLARGED PLAN FOR CLEARANCE REQUIREMENTS, 6A1.3
SP-058	PROVIDE (6) LONG TERM BIKE PARKING SPACES
SP-059	WASTE AND RECYCLING RECEPTACLE, SEE 8A1.3
SP-060	BENCH, SEE LANDSCAPE PLANS
SP-061	SITE LIGHTING, BOLLARD LIGHT
SP-062	(2) FLAG POLES, 20' TALL
SP-063	ALL-WEATHER ACCESS ROAD PER CIVIL

GENERAL NOTES - SITE PLAN

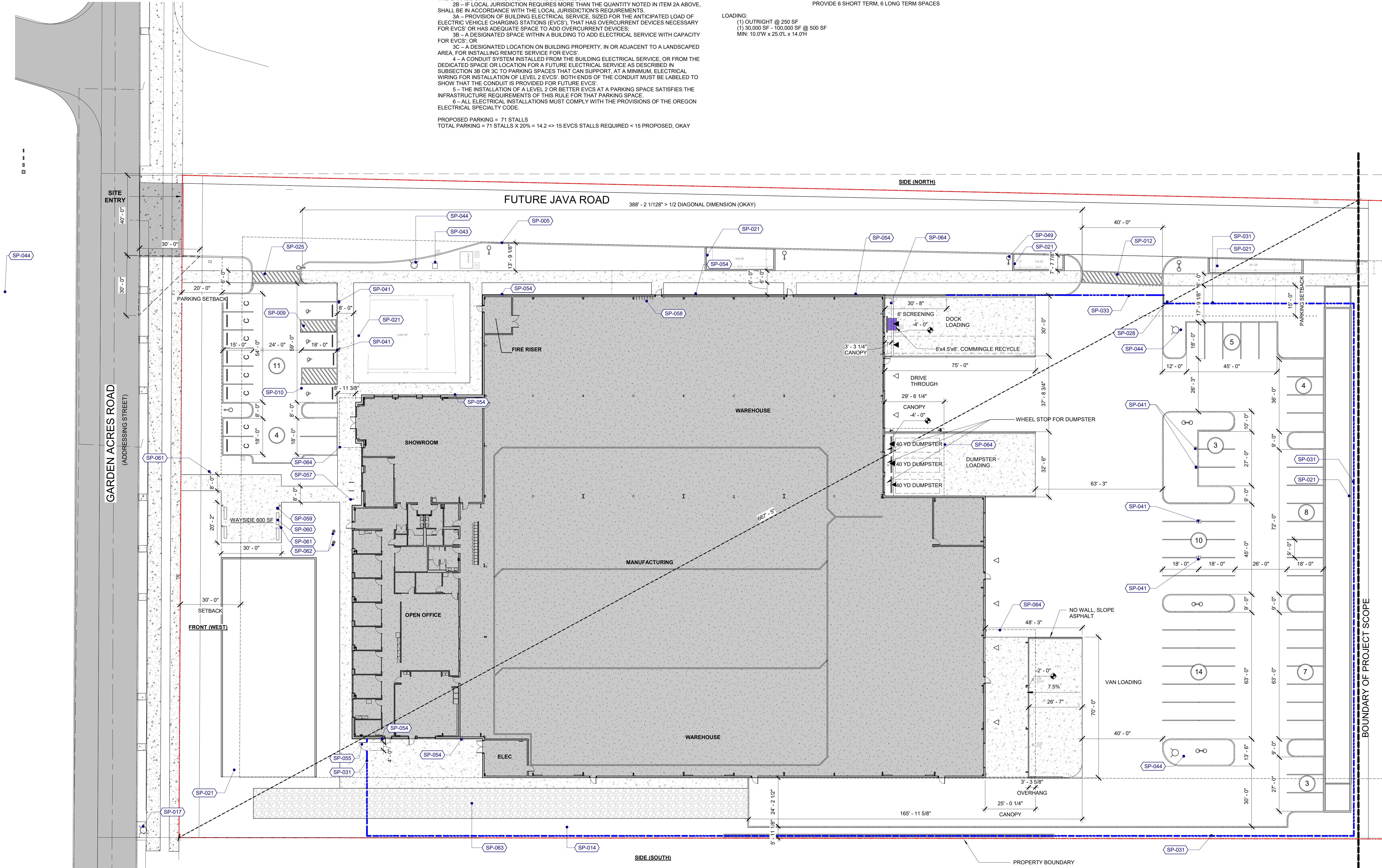
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION RELATED TO SUCH.
- REFER TO CIVIL DRAWINGS FOR GRADING AND UTILITY INFORMATION.
- CONTRACTORS SHALL VERIFY ALL LOCATIONS OF EXISTING UTILITIES. CARE SHOULD BE TAKEN TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING UTILITIES.
- REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR ALL PUBLIC RIGHT-OF-WAY IMPROVEMENTS.
- THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN 10' OF ANY POWER LINES - WHETHER OR NOT THE POWER LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS OR ADDITIONAL EXPENSES.
- FIRE LANES SHALL BE DESIGNED TO SUPPORT A FIRE APPARATUS LOAD OF 75,000 LBS WITH A WHEEL LOAD OF 12,500 LBS.
- DELEGATED DESIGN NFPA 13 FIRE SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH OSSC 903.3.1.1 WILL BE A DEFERRED SUBMITTAL.
- FIRE FLOW DEMAND PER OAR APPENDIX B:
 - PER TABLE B105.2, SECTION 903.3.1.1 DESIGN STANDARD: TABLE B105.1(2) - TYPE IIB, 65,071 SF: FIRE FLOW RATE: 2,750 GPM; FIRE FLOW DURATION: 2 HRS; TABLE B105.2 REQUIRED FIRE FLOW - SPRINKLERED PER IFC 903.3.1.1: FIRE FLOW REDUCTION: 2,750 GPM X 0.25 = 687.5 GPM; *THE REDUCED FIRE FLOW RATE SHALL NOT BE LESS THAN 1,000 GPM; MIN. REQUIRED FIRE FLOW RATE = 1,000 GPM; MIN. REQUIRED FIRE FLOW DURATION = 2 HRS

ELECTRIC VEHICLE CHARGING STATION INFRASTRUCTURE SHALL BE PROVIDED IN ACCORDANCE WITH DIVISION 460 STRUCTURAL AND ENERGY EFFICIENCY SPECIALTY CODES SECTION 918-460-0200 SUMMARIZED GENERALLY AS FOLLOWS. CONTRACTOR TO VERIFY REQUIREMENTS AND COMPLY WITH MOST CURRENT REQUIREMENTS.

- NO LESS THAN 20%, ROUNDED UP TO THE NEAREST WHOLE NUMBER, OF THE SPACES IN THE GARAGE OR PARKING AREA FOR THE BUILDING; OR
- IF LOCAL JURISDICTION REQUIRES MORE THAN THE QUANTITY NOTED IN ITEM 2A ABOVE, SHALL BE IN ACCORDANCE WITH THE LOCAL JURISDICTION'S REQUIREMENTS.
- PROVISION OF BUILDING ELECTRICAL SERVICE, SIZED FOR THE ANTICIPATED LOAD OF ELECTRIC VEHICLE CHARGING STATIONS (EVCS), THAT HAS OVERCURRENT DEVICES NECESSARY FOR EVCS' OR HAS ADEQUATE SPACE TO ADD OVERCURRENT DEVICES;
- A DESIGNATED SPACE WITHIN A BUILDING TO ADD ELECTRICAL SERVICE WITH CAPACITY FOR EVCS; OR
- A DESIGNATED LOCATION ON BUILDING PROPERTY, IN OR ADJACENT TO A LANDSCAPED AREA, FOR INSTALLING REMOTE SERVICE FOR EVCS;
- A CONDUIT SYSTEM INSTALLED FROM THE BUILDING ELECTRICAL SERVICE, OR FROM THE DEDICATED SPACE OR LOCATION FOR A FUTURE ELECTRICAL SERVICE AS DESCRIBED IN SUBSECTION 3B OR 3C TO PARKING SPACES THAT CAN SUPPORT, AT A MINIMUM, ELECTRICAL WIRING FOR INSTALLATION OF LEVEL 2 EVCS; BOTH ENDS OF THE CONDUIT MUST BE LABELED TO SHOW THAT THE CONDUIT IS PROVIDED FOR FUTURE EVCS;
- THE INSTALLATION OF A LEVEL 2 OR BETTER EVCS AT A PARKING SPACE SATISFIES THE INFRASTRUCTURE REQUIREMENTS OF THIS RULE FOR THAT PARKING SPACE
- ALL ELECTRICAL INSTALLATIONS MUST COMPLY WITH THE PROVISIONS OF THE OREGON ELECTRICAL SPECIALTY CODE.

PROPOSED PARKING = 71 STALLS
TOTAL PARKING = 71 STALLS X 20% = 14.2 => 15 EVCS STALLS REQUIRED < 15 PROPOSED, OKAY

TOTAL SITE AREA:	406,233 SF = 9.32 ACRES
SITE AREA IN PROJECT SCOPE:	189,289 SF = 4.34 ACRES
BUILDING AREA:	66,002 SF
PARKING/PAVING AREA:	78,118 SF
LOT COVERAGE/IMPERV AREA:	66,002 SF + 78,118 SF = 144,120 SF 144,120 SF / 189,289 SF = 76.1 %
REQUIRED LANDSCAPING:	15 % OF TOTAL SITE 189,289 SF x 0.15 = 28,393 SF MIN REQ'D 38,861 SF PROPOSED > 28,393 SF, OKAY
VEHICLE PARKING:	
OFFICE:	2.7 x 6,820/1,000 = 18.5 SPACES REQ'D MIN. 4.1 x 6,820/1,000 = 28 SPACES MAX 1.67 x 2,973/1,000 = 5 SPACES REQ'D 6.2 x 2,973/1,000 = 18.5 SPACES MAX
RETAIL/SHOWROOM:	0.3 x 36,057/1,000 = 10.8 SPACES REQ'D 0.5 x 36,057/1,000 = 18.0 SPACES MAX
WAREHOUSE/STORAGE:	18.5 + 5.0 + 10.8 + 32.3 = 66.6 SPACED REQ'D
MANUFACTURING:	
TOTAL:	69 SPACES PROPOSED > 66.6, OKAY PER OSSC TABLE 1106.1, (3) ACCESSIBLE SPACES INCLUDING (1) VAN SPACE REQ'D
BICYCLE PARKING:	
OFFICE:	1.0 x 6,820/5,000 = 1.4 SPACES, 2.0 REQ'D MIN
RETAIL/SHOWROOM:	1.0 x 2,973/8,000 = 0.4 SPACES, 2.0 REQ'D MIN
WAREHOUSE/STORAGE:	1.0 x 36,057/20,000 = 2.0 SPACES, 2.0 REQ'D MIN
MANUFACTURING:	1.0 x 20,152/10,000 SF = 2.0 SPACES, 6.0 REQ'D MIN
TOTAL:	12 SPACES PROPOSED > 12, OKAY PROVIDE 6 SHORT TERM, 6 LONG TERM SPACES
LOADING:	(1) OUTRIGHT @ 250 SF (1) 30,000 SF - 100,000 SF @ 500 SF MIN: 10.0'W x 25.0'L x 14.0'H



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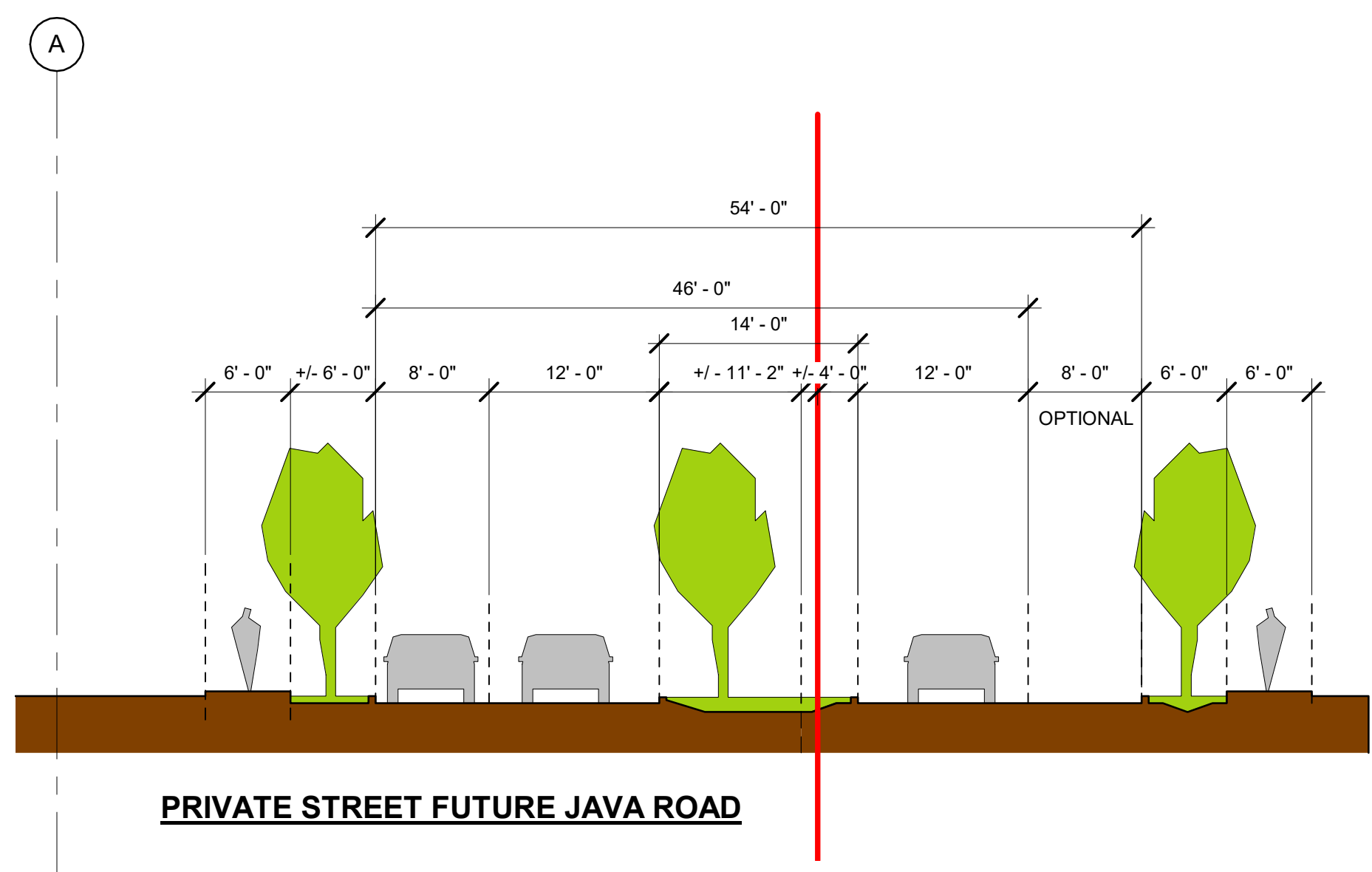
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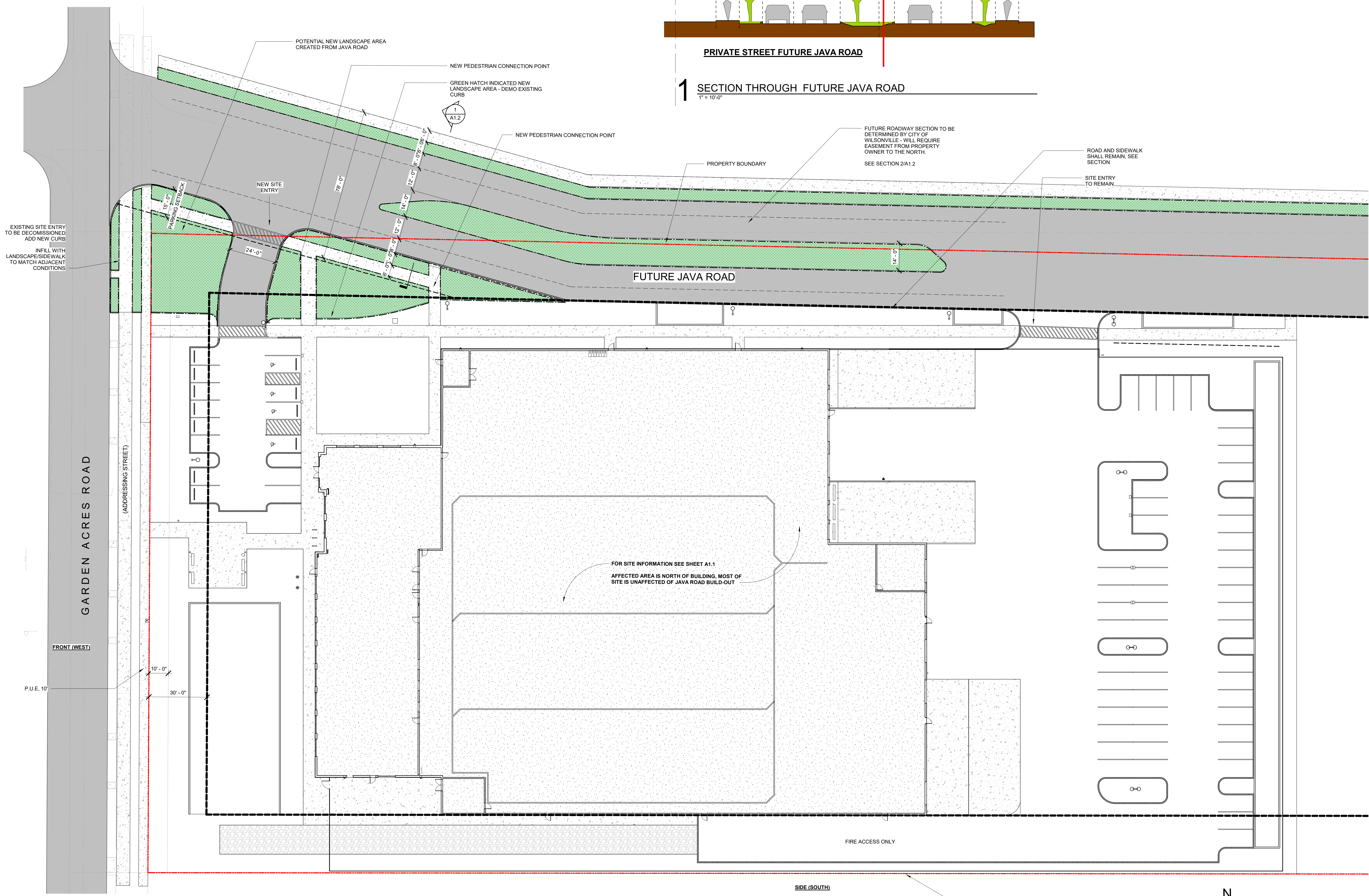
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ENLARGED SITE PLAN

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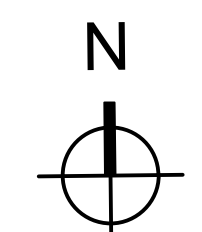
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1 SECTION THROUGH FUTURE JAVA ROAD
1" = 10'-0"



2 SITE PLAN (FUTURE JAVA ROAD)
1" = 20'-0"



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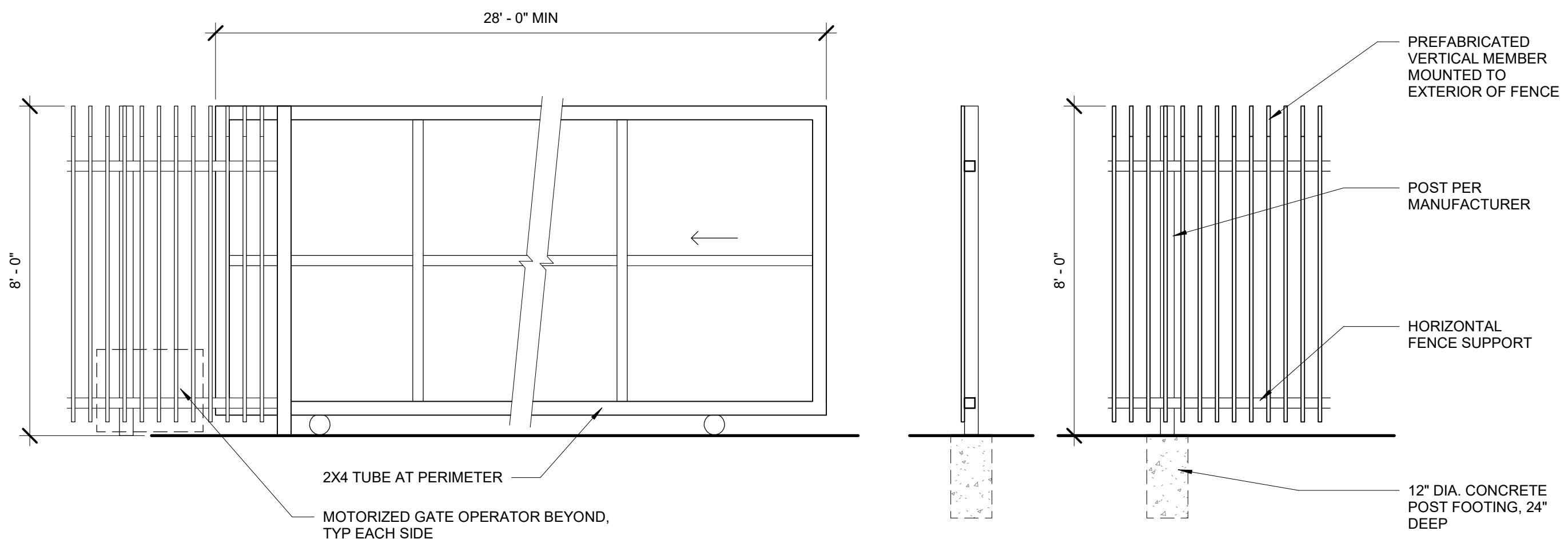
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SITE PLAN (FUTURE)

CURRENT PROPOSED PLAN & (FUTURE) PLAN

Revisions:

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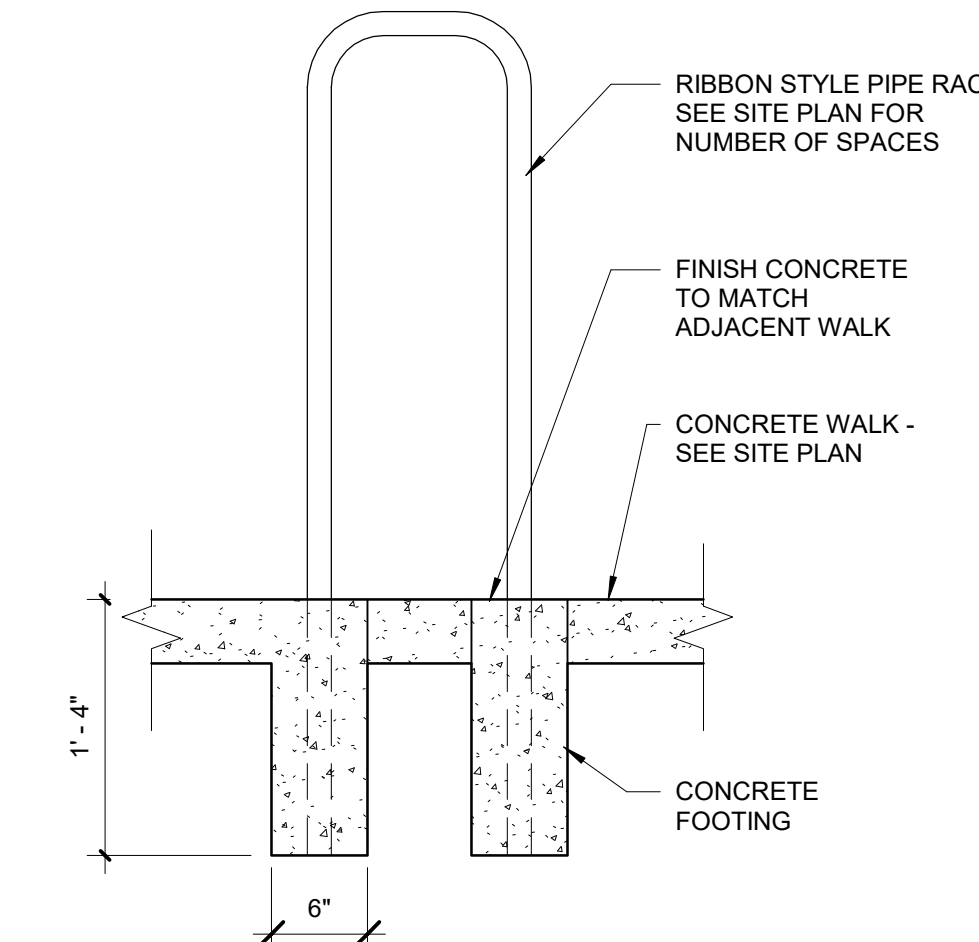
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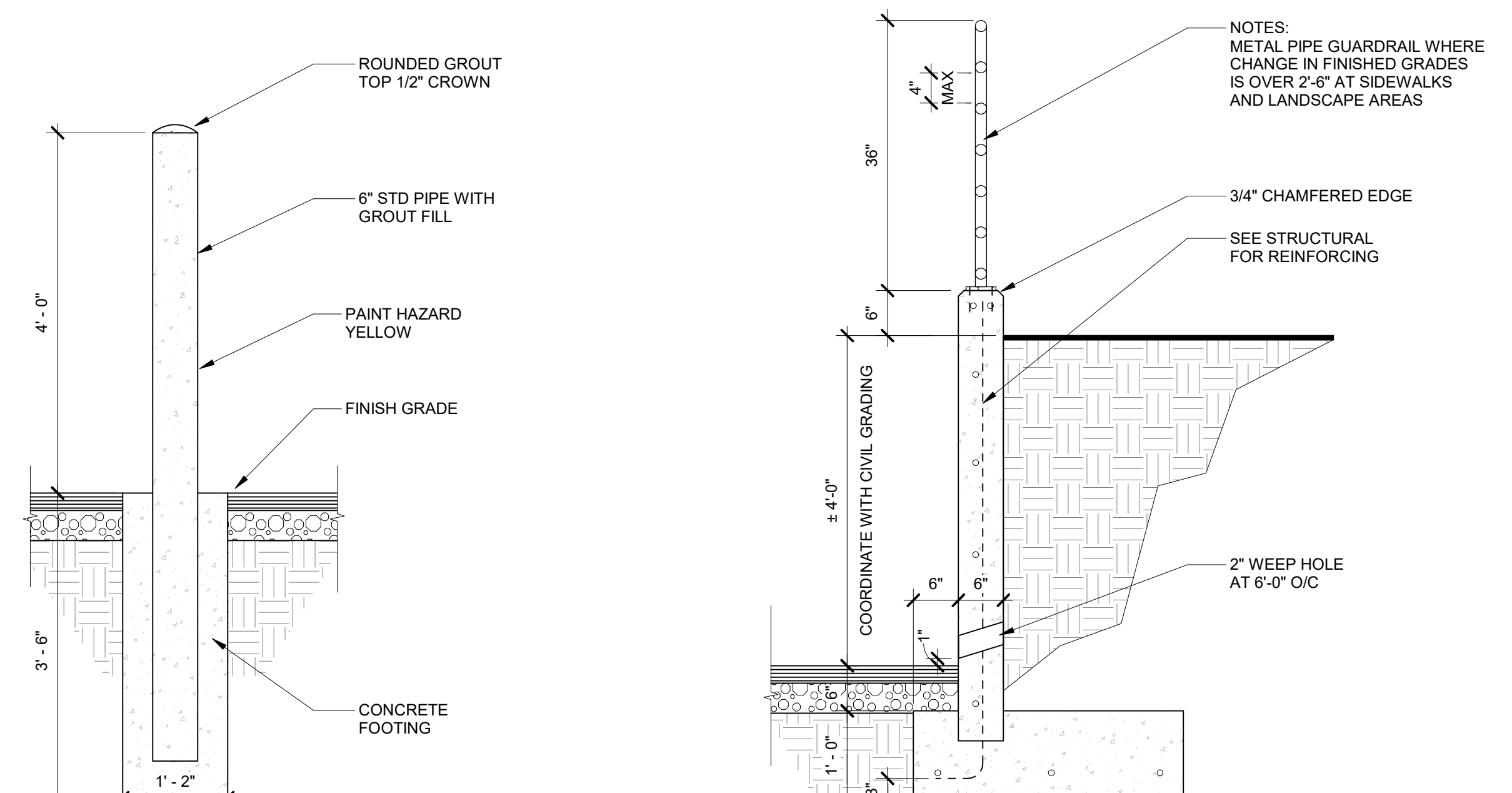
1 ROLLING GATE AND PERIMETER FENCE DETAILS
3/8" = 1'-0"



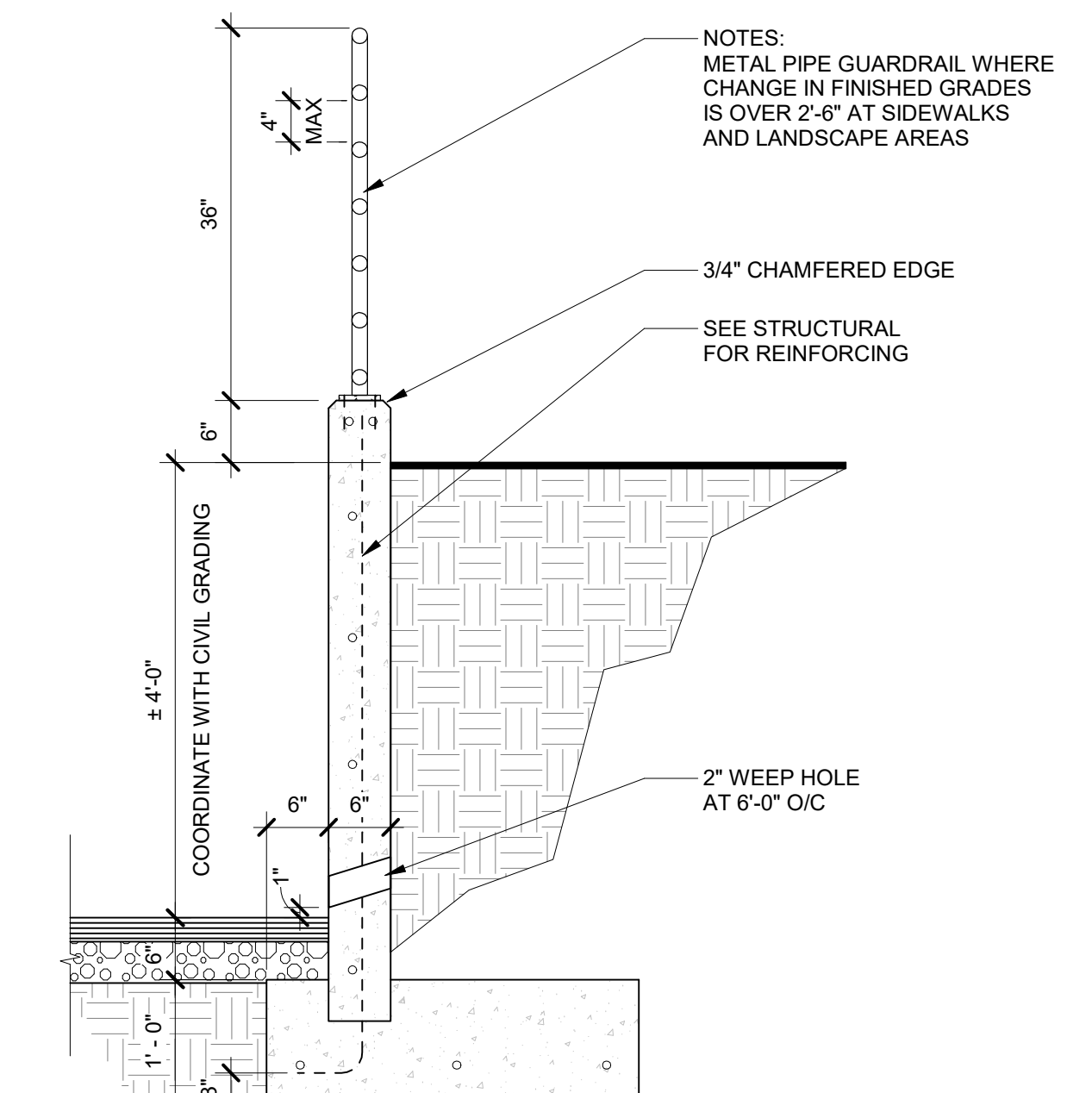
PROPOSED FENCE, SIM.



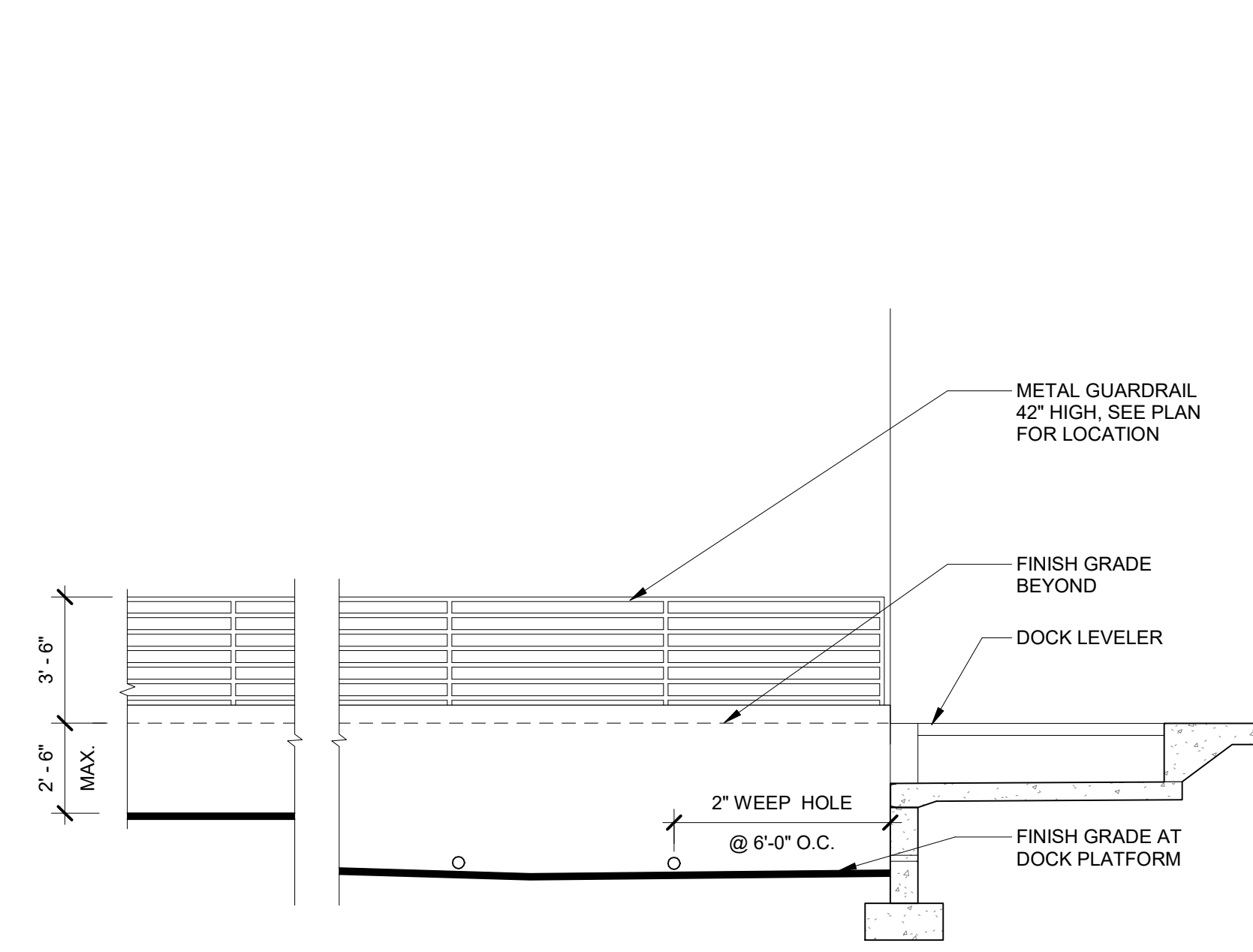
2 BICYCLE RACK
1" = 1'-0"



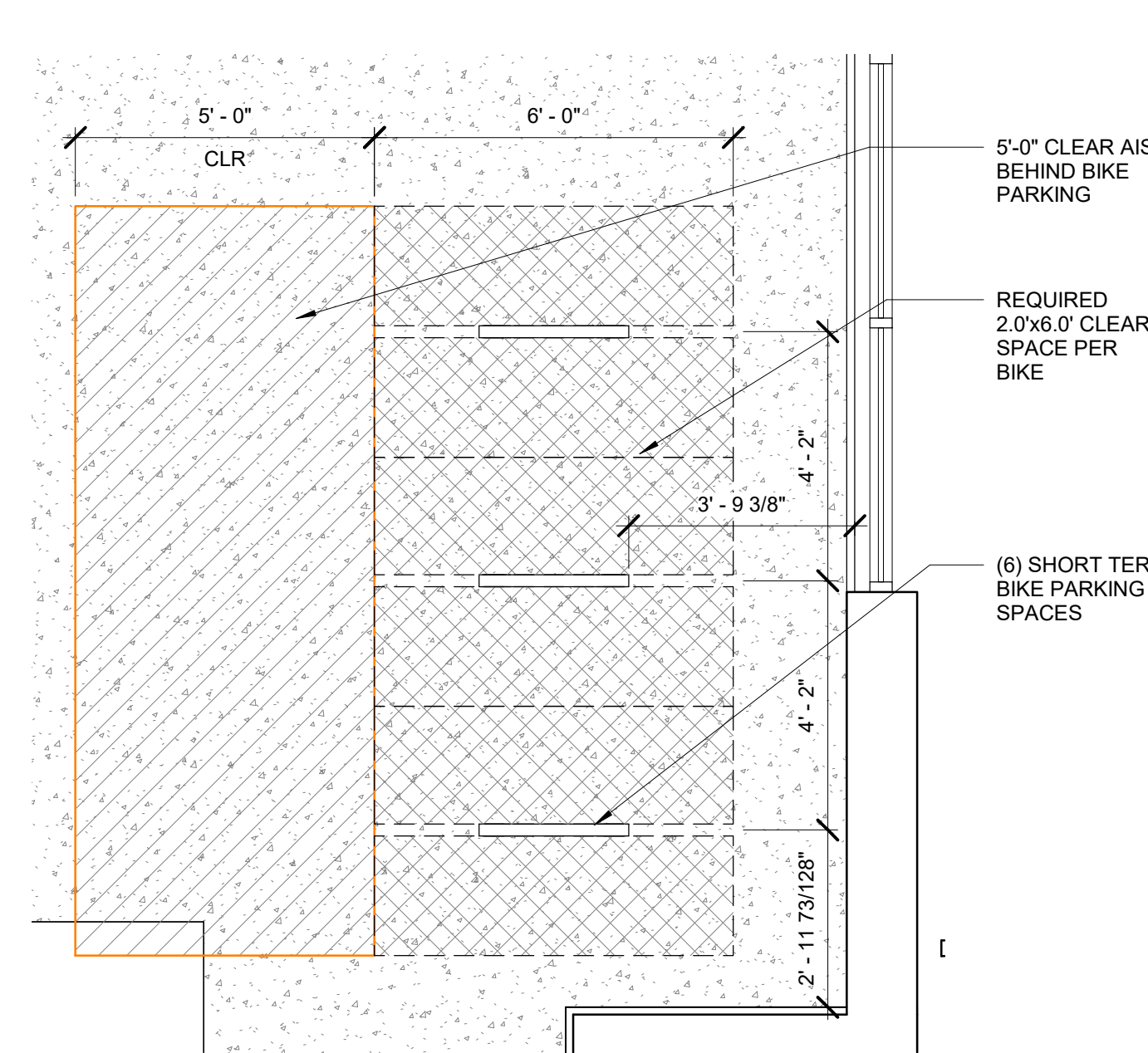
3 CONCRETE FILLED BOLLARD
3/4" = 1'-0"



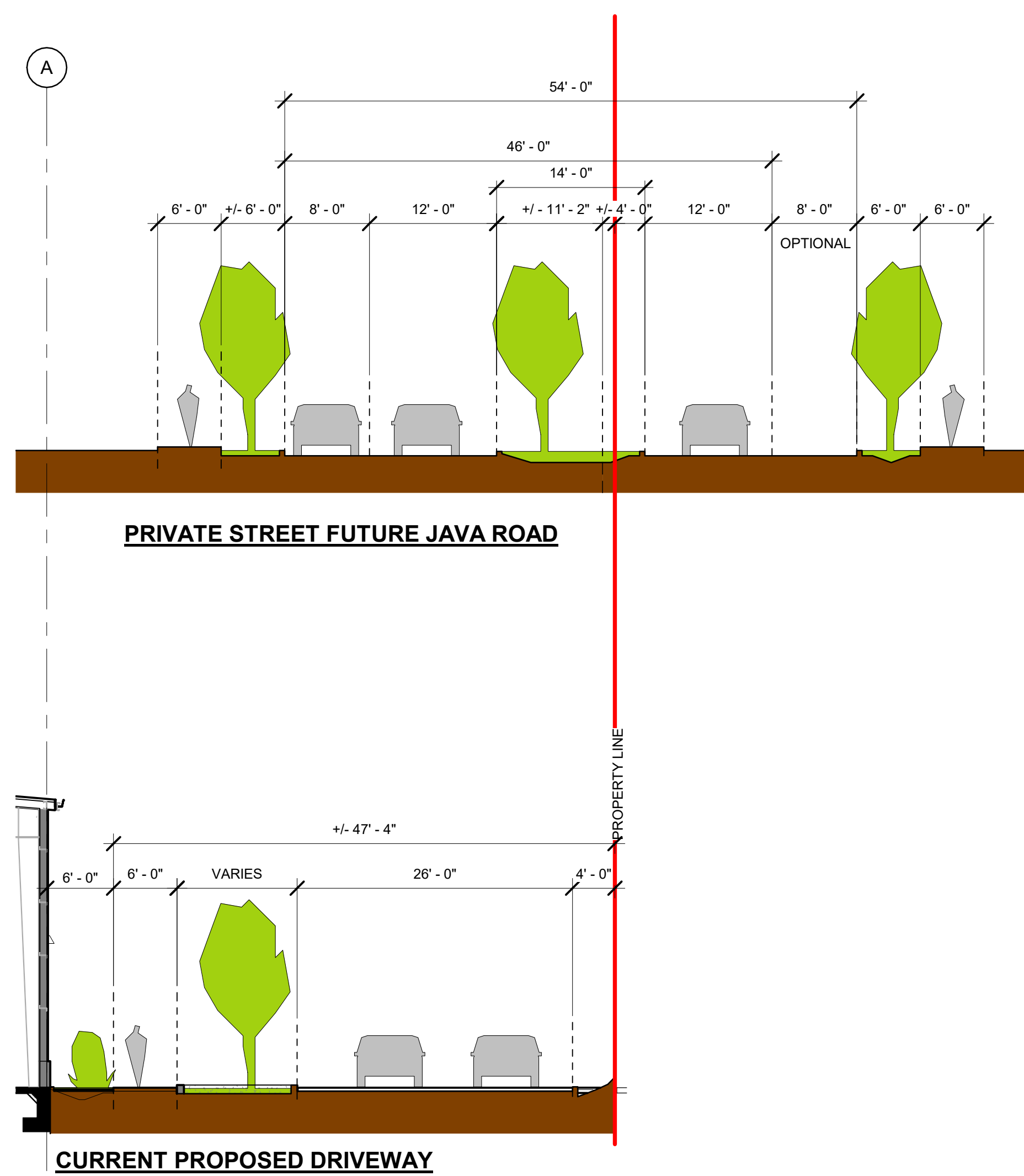
4 GUARDRAIL DETAIL AT RECESSED DOCK
3/4" = 1'-0"



5 GUARDRAIL ELEV. AT RECESSED DOCK
1/4" = 1'-0"



6 BIKE PARKING ENLARGED
3/8" = 1'-0"



7 SECTION THROUGH CURRENT DRIVEWAY AND FUTURE JAVA ROAD
1" = 10'-0"

Infinity Series ROUND RECEPTACLES

Define your Scope

When determining the scope of your program, several variables need to be considered. These fundamental choices need to be the first step: optimal location (inside or outdoors), property-sized capacities, and fine-tuned configurations is imperative for any successful sustainability program.

Loading Style

Top Load

Number of Streams

Single, Double, Triple

Configurations

Equal, Varying, Split

Gallon Capacities

10, 15, 25, 35, 45, 55, 55 Split, 55 Split Triple

How to Order

The Infinity is so much more than a blue bin. We believe that your waste and recycling program deserves a thoughtfully planned receptacle that will meet all of your functional and aesthetic needs, your brand standards, and will foster the growth of your sustainability program.

Choose Construction

Panel, Barrel

Choose Number of Streams

Single, Double, Triple

Choose Gallon Capacity

10, 15, 25, 35, 45

Choose Top Style

Deck, Bug Barrier, Furred Bug Barrier, 2 Way, Swing Top, Pyramid Recycle, 55 Split Triple

Choose Panel, Top & Trim Colors

Green, Blue, Tan, White, Light Brown, Dark Brown, Light Gray, Blue, Navy, Cabernet

Choose Opening ID Text

ALUMINUM, BOTTLES & CANS, BOTTLES, CANS, CARDBOARD, COMMINCLE, COMPOST, LANDFILL, PAPER, TRASH

Choose Opening Shape

Double Circle, Diamond, Slot, Square, Triangle

8 TRASH RECEPTACLE
3" = 1'-0"

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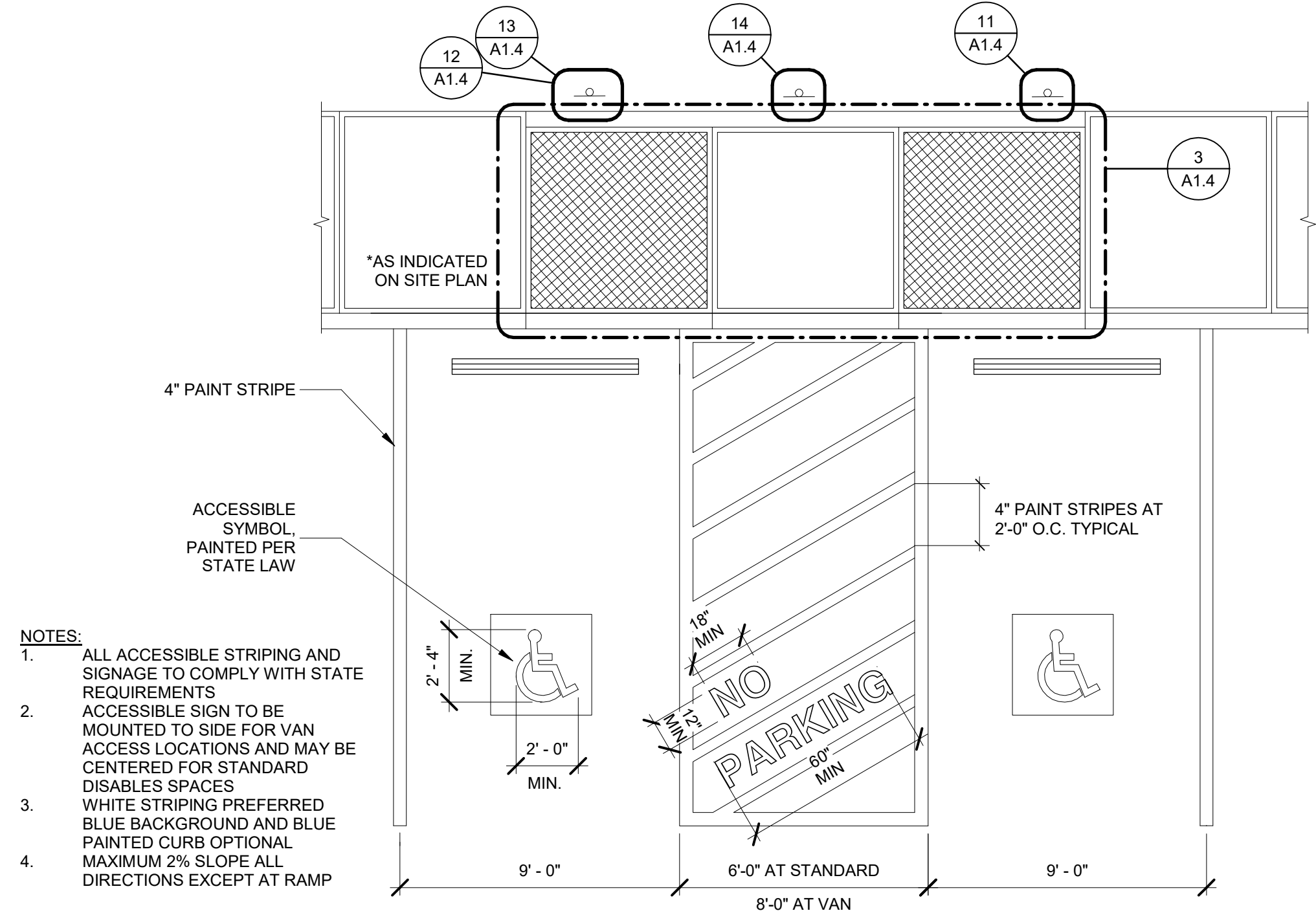
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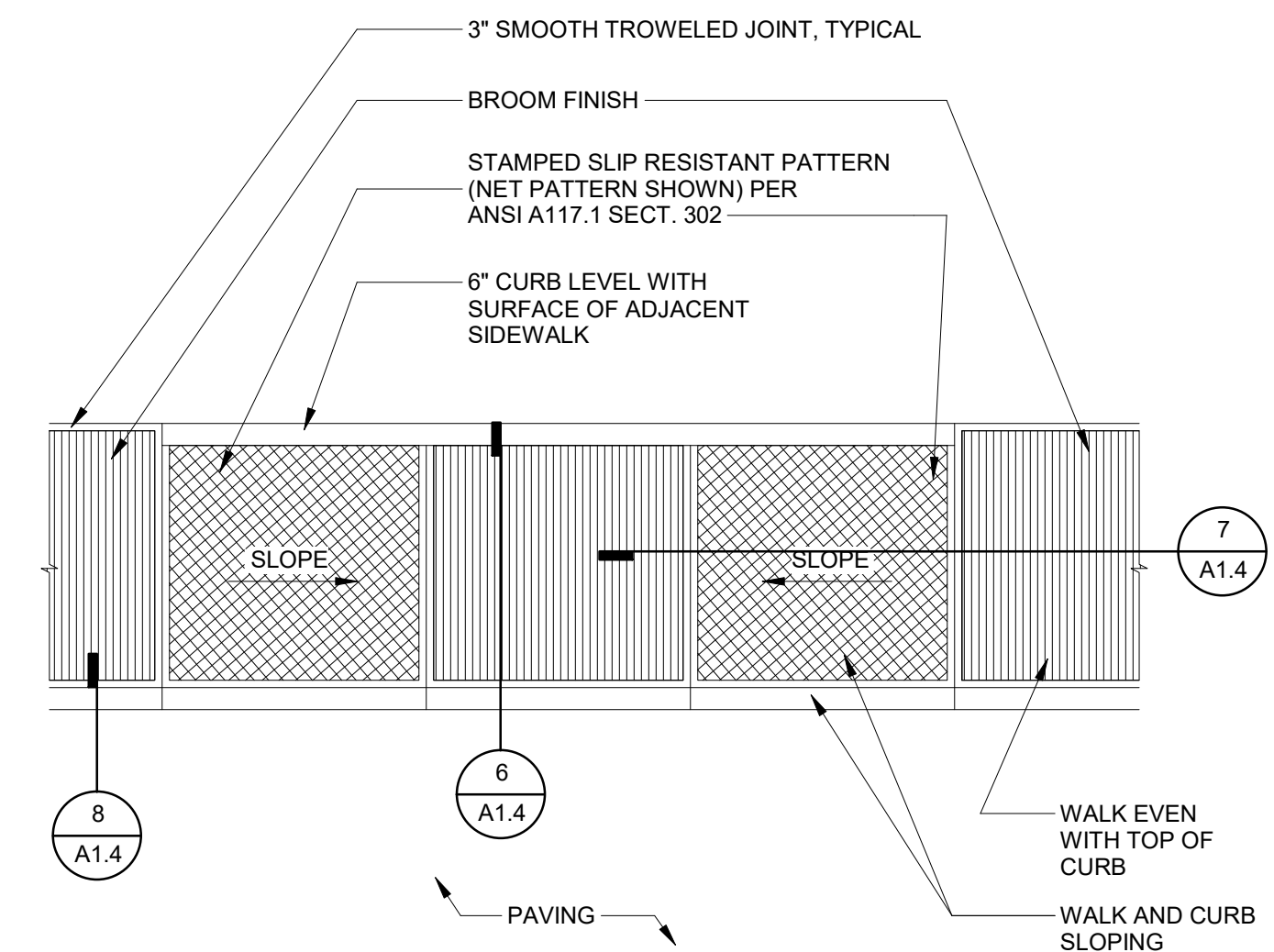
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SITE DETAILS

Revisions:
Description Date

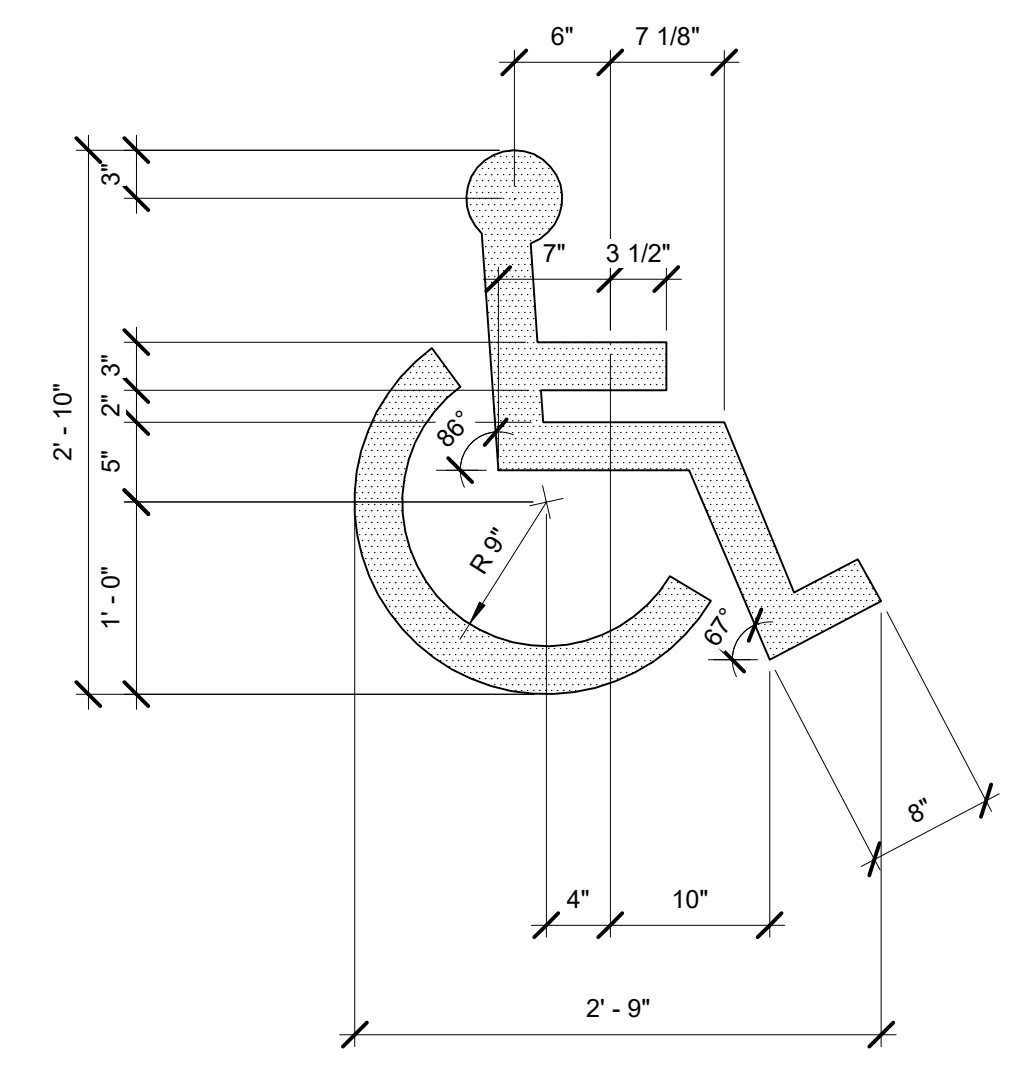
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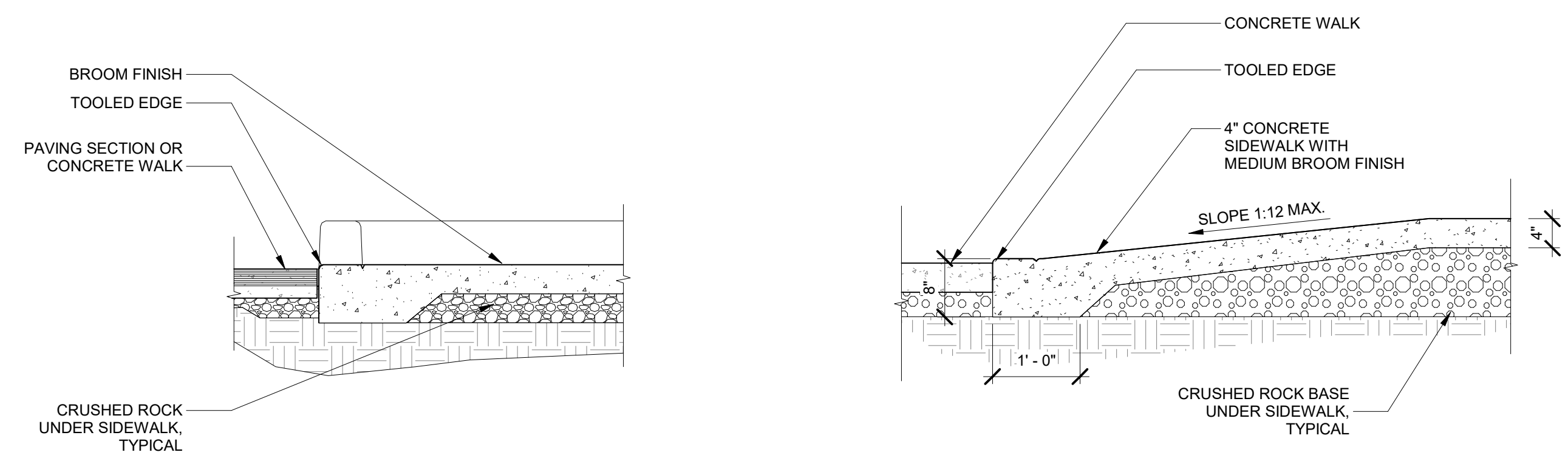
1 ACCESSIBLE PARKING STALLS - DOUBLE ACCESS
1/4" = 1'-0"



3 ACCESSIBLE SIDEWALK RAMP
1/4" = 1'-0"

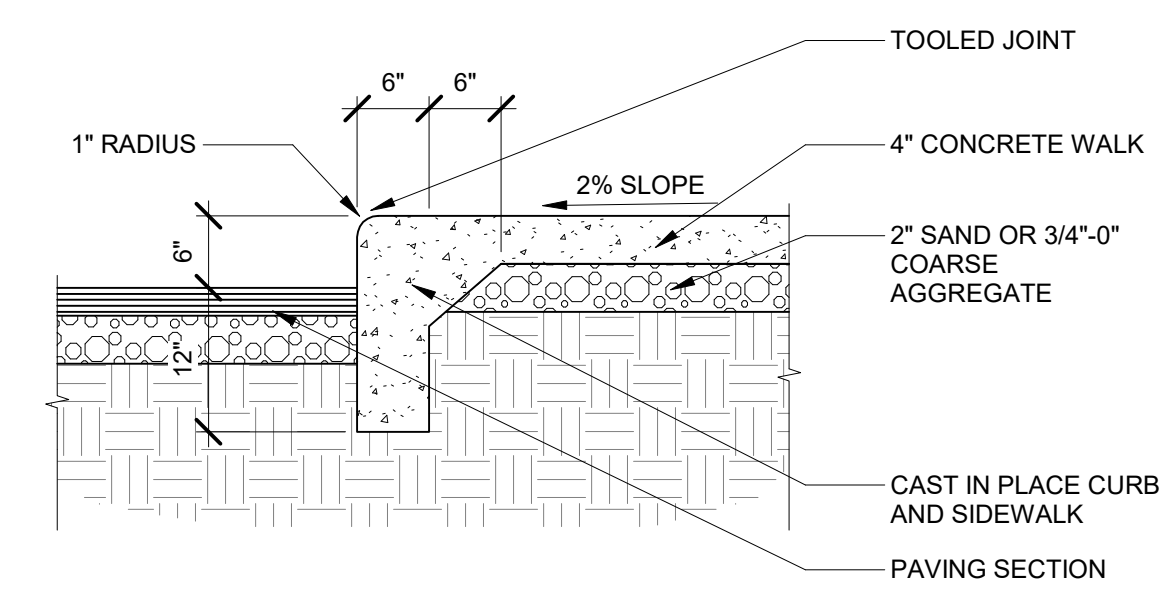


4 INTERNATIONAL ACCESSIBLE SYMBOL
1" = 1'-0"

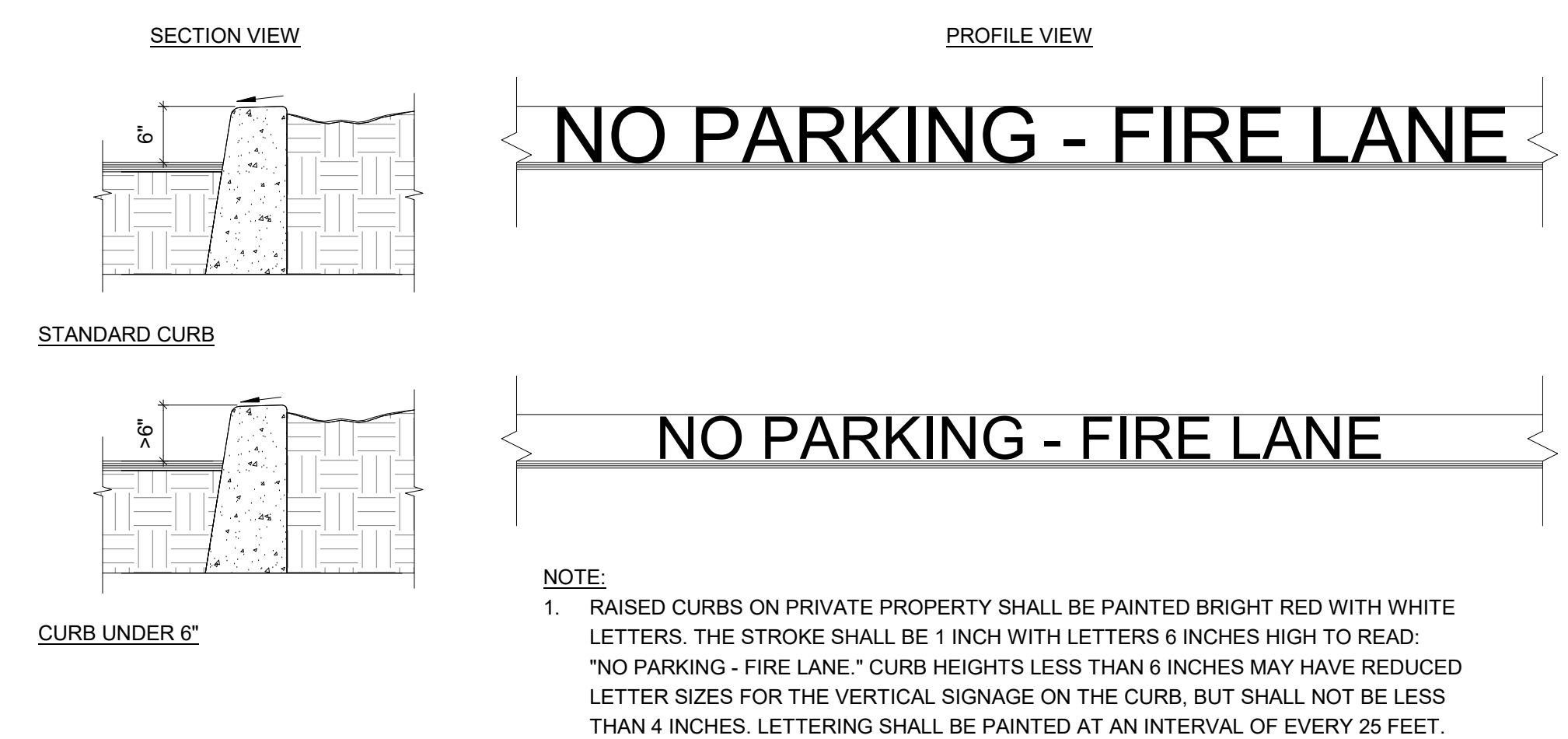


6 SIDEWALK FLUSH WITH PAVING
3/4" = 1'-0"

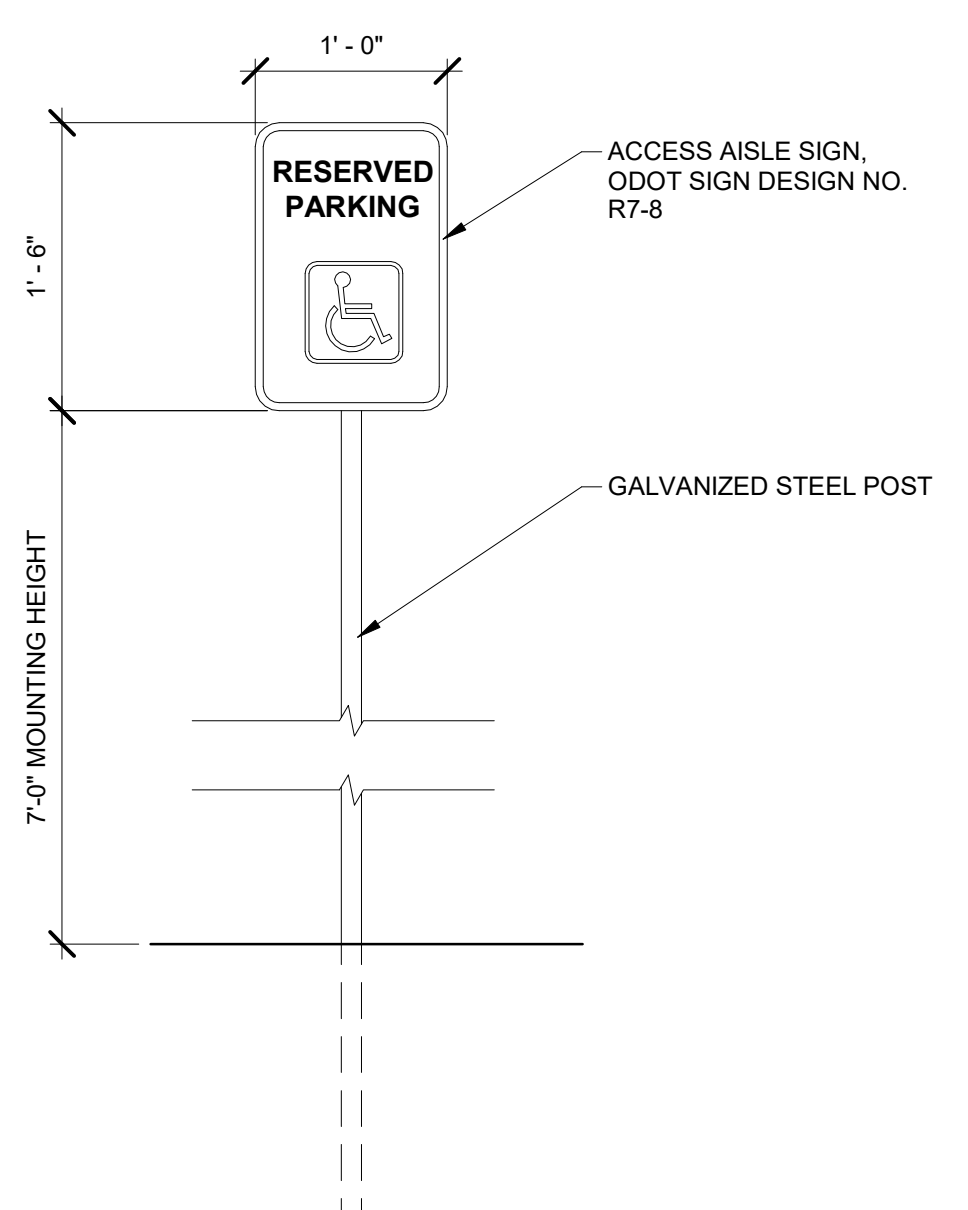
7 SIDEWALK RAMP
3/4" = 1'-0"



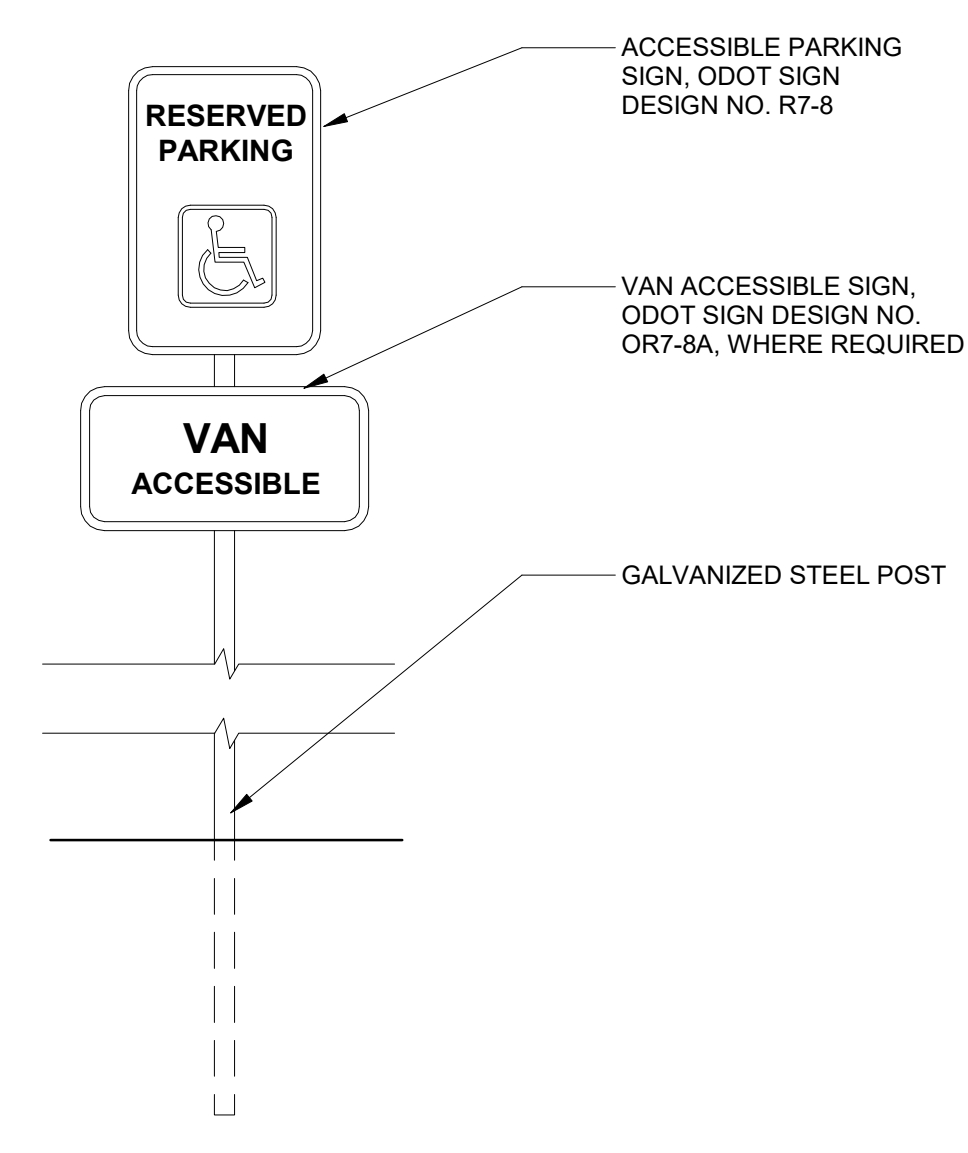
8 MONOLITHIC CURB AND SIDEWALK
3/4" = 1'-0"



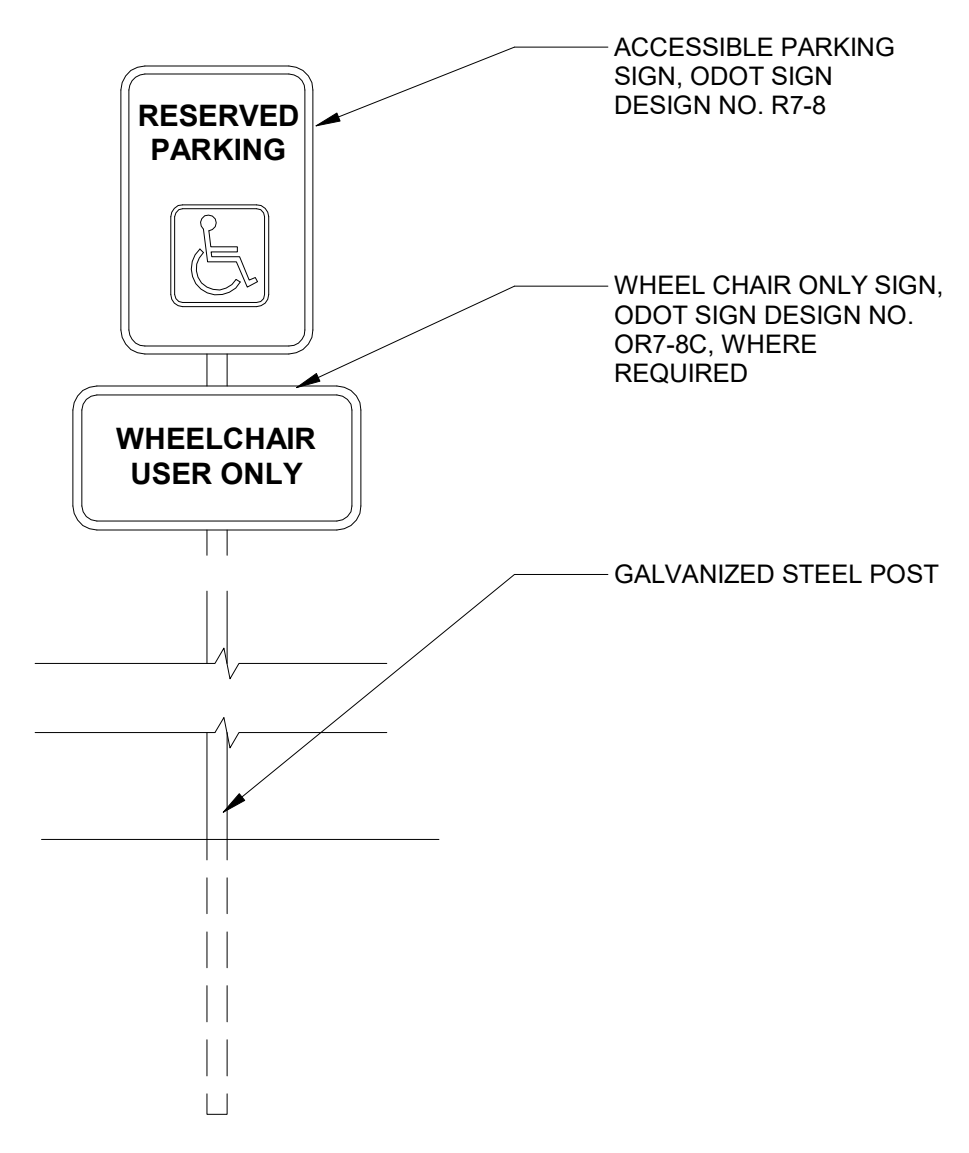
9 FIRE LANE CURB
3/4" = 1'-0"



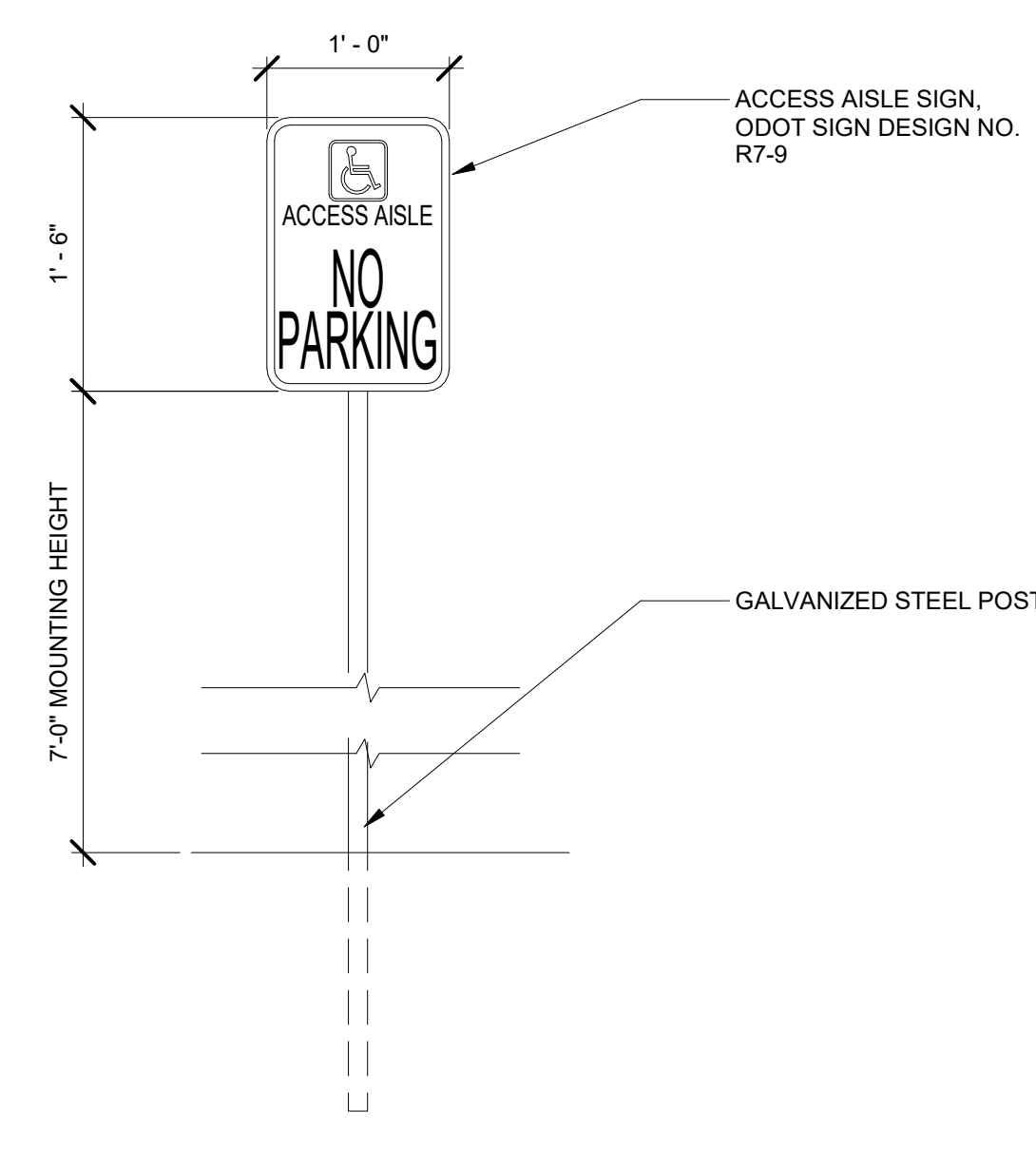
11 ACCESSIBLE PARKING SIGNAGE
1" = 1'-0"



12 ACCESSIBLE PARKING SIGNAGE - VAN ACCESSIBLE
1" = 1'-0"



13 ACCESSIBLE PARKING SIGN - WHEELCHAIR
1" = 1'-0"



14 ACCESSIBLE PARKING SIGN - ACCESS AISLE
1" = 1'-0"

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SITE DETAILS

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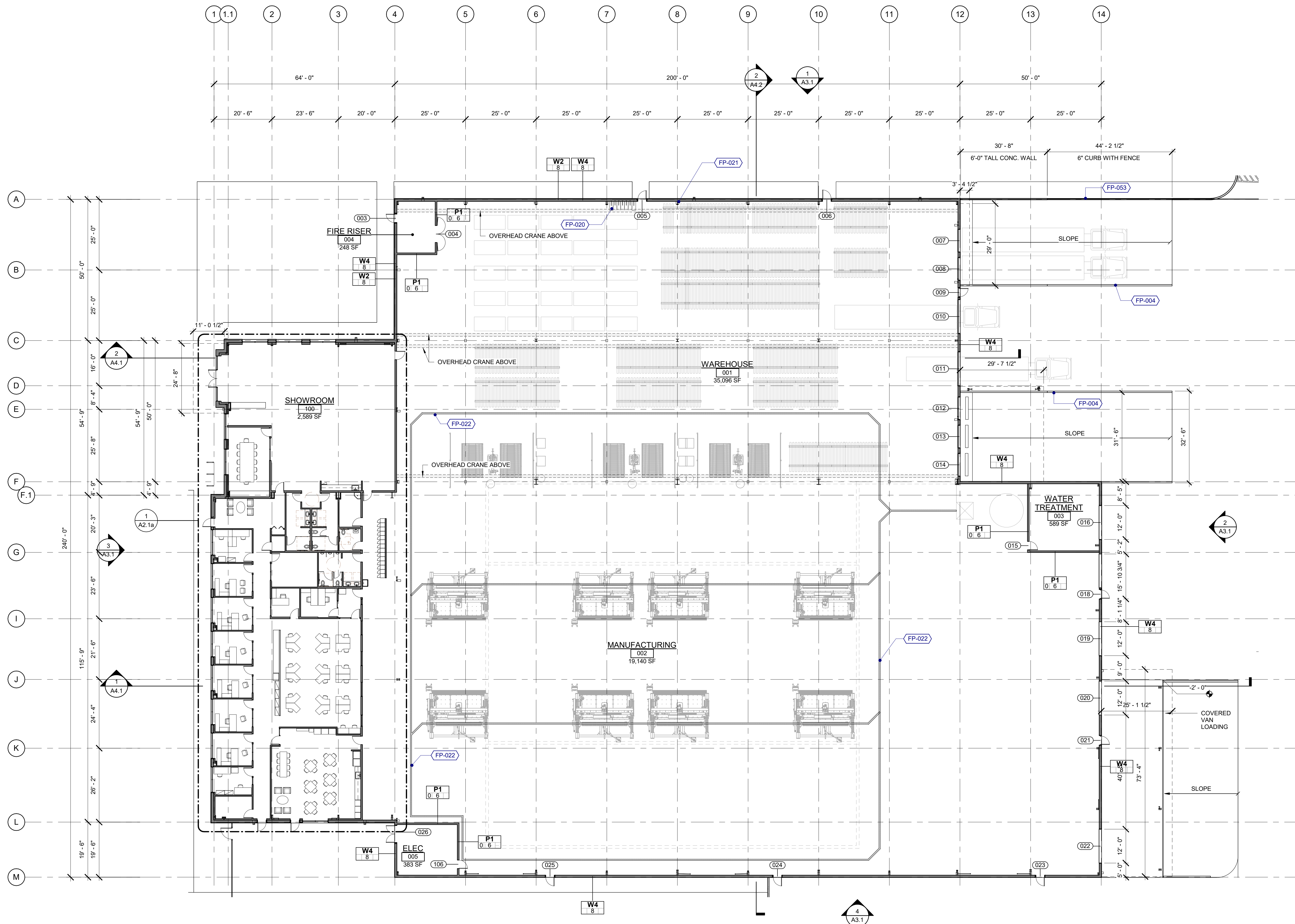
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GENERAL NOTES - FLOOR PLANS

- REFER TO SHEET G0.1 FOR "PROJECT NOTES" APPLICABLE TO ALL PORTIONS OF THE WORK.
- PRIOR TO FRAMING GENERAL CONTRACTOR TO VERIFY PLUMBING, PIPES, CONDUIT, DUCTWORK, ELECTRICAL DEVICES, CASEWORK, FIXTURES, ETC. HAVE BEEN COORDINATED. UNCOORDINATED WALL SIZES SHALL BE REINSTALLED SOLELY AT CONTRACTOR'S EXPENSE.
- SEE SHEETS G0.4 FOR WALL, FLOOR AND ROOF ASSEMBLIES.
- SEE FIRE/LIFE SAFETY SHEETS BEGINNING ON A2.0 FOR LOCATIONS OF FIRE EXTINGUISHERS, EXIT SIGNS, ETC.
- REFER TO STRUCTURAL DRAWINGS FOR COLUMNS, SHEAR WALL, BEAM SIZES AND SO ON.
- VERIFY AND COORDINATE SLAB PENETRATIONS INCLUDING SLEEVES & BLOCKOUTS AS REQUIRED FOR PLUMBING, MECHANICAL, ELECTRICAL, ETC. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES.
- USE THE FOLLOWING DEFAULT ASSEMBLY TYPES UNLESS OTHERWISE NOTED ON THE DRAWINGS:
 - A. EXTERIOR WALLS TYPE W1 / 8" CORE
 - B. INTERIOR PARTITIONS TYPE P1 / 3.5" CORE
 - C. INTERIOR STAIR PARTITIONS TYPE P2 / 6" CORE
- POWER & DATA OUTLETS INSTALLED 18" AFF. UNO.
- PARTITIONS WITH SOLID FILL PATTERN DENOTE ACOUSTICALLY RATED, UNO. PROVIDE ACOUSTICAL SEALANT, BATTIS, PUTTY PADS, ETC.
- FINISH NOTES:
 - A. OFFICE AREAS - GYPSUM BOARD WALL SURFACES TO RECEIVE A LEVEL 4 FINISH, SMOOTH TEXTURE PER AWCJ STANDARDS. APPLY A DRYWALL PRIMER (SHEETROCK BRAND "FIRST COAT" OR APPROVED) PRIOR TO FINAL FINISH COAT TO MINIMIZE SURFACE TEXTURE VARIATIONS.
 - B. WAREHOUSE AREAS - GYPSUM BOARD WALL SURFACES TO BE TAPED/ MUDDED ONLY, UNO.

KEYNOTES

- FP-004 CONCRETE SITE WALL WITH 42" CONCRETE GUARDRAIL WHERE CHANGE IN GRADE IS OVER 30"
- FP-020 WALL MOUNTED LONG TERM BIKE PARKING
- FP-021 PRE-ENGINEERED METAL BUILDING FRAME, SEE PEMB SUPPLIER
- FP-022 6" TRENCH DRAIN
- FP-053 FENCE, ORNAMENTAL BLACK BAR, 6'-0" H



1 FIRST FLOOR PLAN
1/16" = 1'-0"

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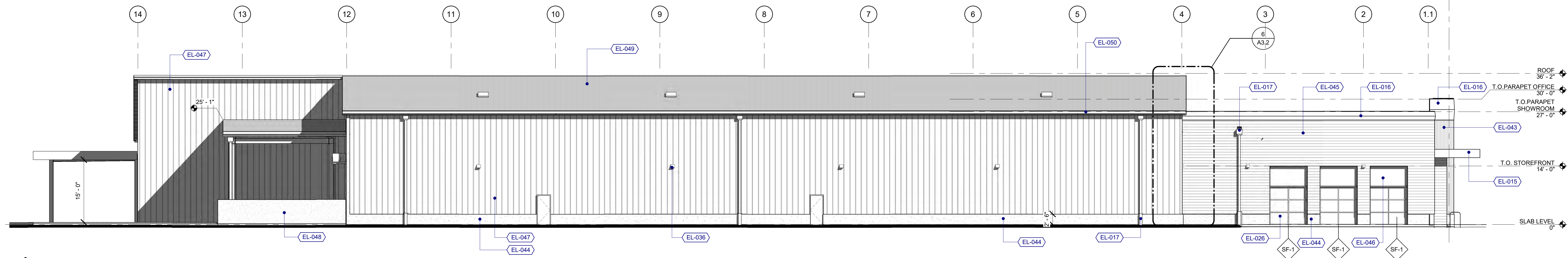
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FLOOR PLAN

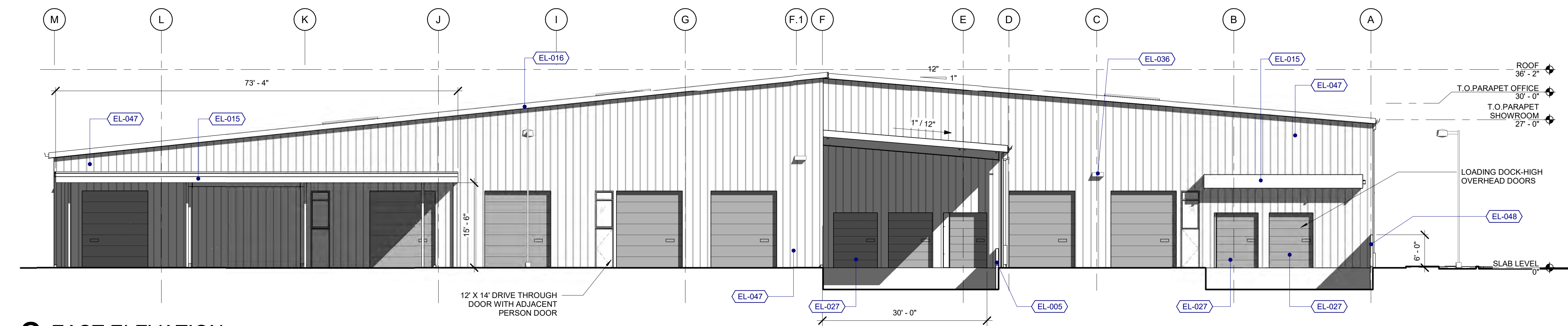
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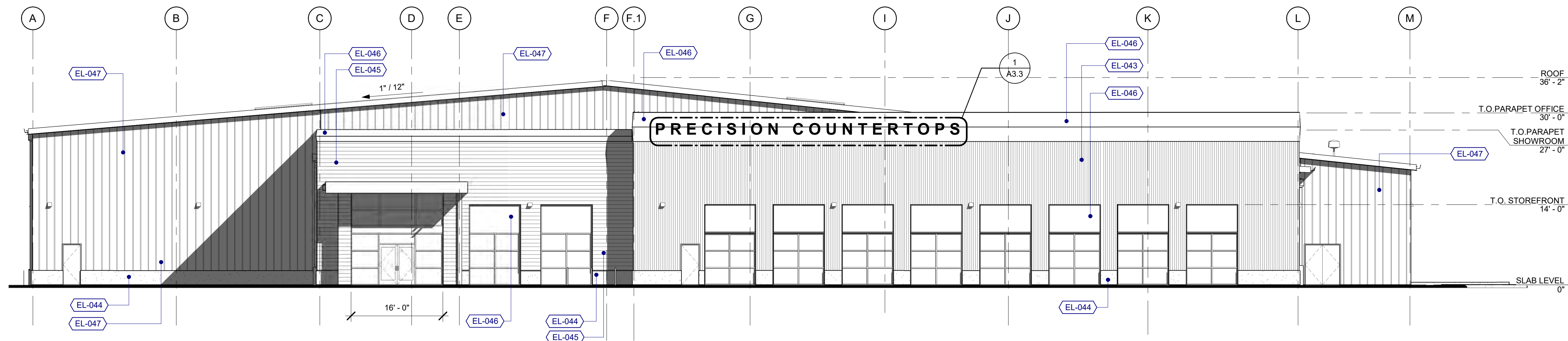
A2.1



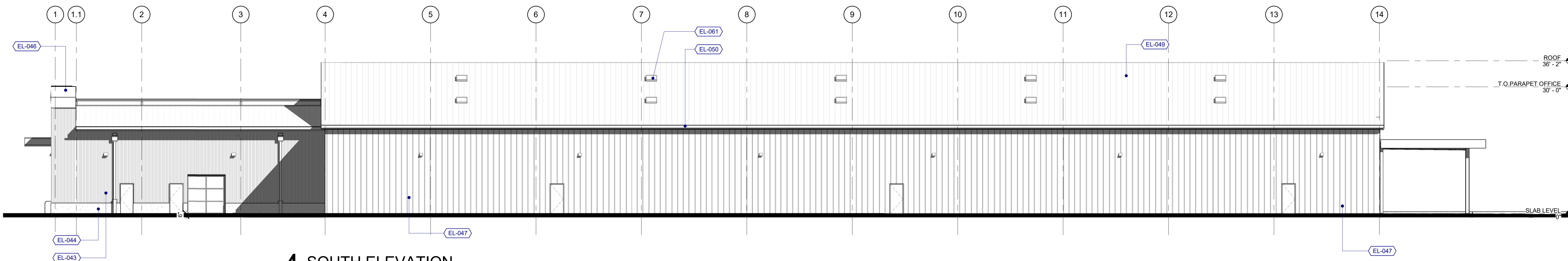
1 NORTH ELEVATION
3/32" = 1'-0"



2 EAST ELEVATION
3/32" = 1'-0"



3 WEST ELEVATION
3/32" = 1'-0"



4 SOUTH ELEVATION
3/32" = 1'-0"

KEYNOTES

- EL-005 CONCRETE SITE WALL, 6"W X 30"H
- EL-015 STEEL FRAMED CANOPY
- EL-016 METAL CAP FLASHING
- EL-017 SCUPPER AND DOWNSPOUT
- EL-026 STOREFRONT SYSTEM, THERMALLY INSULATED
- EL-027 SECTIONAL DOOR, VERTICAL LIFT
- EL-036 WALL PACK SITE LIGHTING
- EL-043 INSULATED METAL PANEL - KS SERIES - WP1
- EL-044 INSULATED METAL PANEL - KS SERIES GRANITSTONE - WB1
- EL-045 METAL PANEL - AEP FLEX - WP2
- EL-046 INSULATED METAL PANEL - KS SERIES - WP3
- EL-047 METAL PANEL - VP PANEL RIB WALL PANEL - WP4
- EL-048 6'-0" CONCRETE SCREENING WALL
- EL-049 ROOF METAL PANEL - VP SSR PANEL - R1
- EL-050 CONTINUOUS GUTTER
- EL-061 SKYLIGHT

MATERIAL LEGEND

- ROOF (R1)**
MATERIAL: INSULATED ROOF PANEL
MFR: VARCO PRUDEN
STYLE: 24 GA SSR ROOF PANEL
COLOR: COOL DARK BRONZE
- WALL (OFFICE AREA) (WP1)**
MATERIAL: INSULATED WALL PANEL
MFR: KINGSPAN OR SIM.
STYLE: KS SERIES: MINI RIB
COLOR: COOL ZINC GRAY
- WALL (LOBBY AREA) (WP2)**
MATERIAL: 30 GA GALVALUME
MFR: AEP SPAN
STYLE: FLEX SERIES 1.2FX10-12
COLOR: COOL DARK BRONZE
- WALL (ACCENT PANEL) (WP3)**
MATERIAL: METAL
MFR: KINGSPAN OR SIM.
STYLE: FLAT PANEL
COLOR: COOL DARK BRONZE
- WALL AT MANUFACTURING AND STORAGE AREA (WP4)**
MATERIAL: PANEL RIB WALL SYSTEM
MFR: VARCO PRUDEN
STYLE: 26 GA "R" PANEL
COLOR: COOL ZINC GRAY
- WALL BASE (WP2)**
MATERIAL: INSULATED WALL PANEL
MFR: KINGSPAN OR SIM.
STYLE: KS SERIES: GRANITSTONE QUARTZ
COLOR: TETON GRAY
(Min. 1.5" Extruded from the wall panel system)
- DOOR, WINDOW, FRAME, CANOPIES, PARAPET CAP AND FLASHING (M1)**
MATERIAL: METAL
FINISHES: ANODIZED FINISH
COLOR: DARK BRONZE
- SIGN COLOR (P1)**
MATERIAL: METAL
MFR: BEHR OR SIM.
FINISHES: SEMI GLOSS
COLOR: DELICATE WHITE

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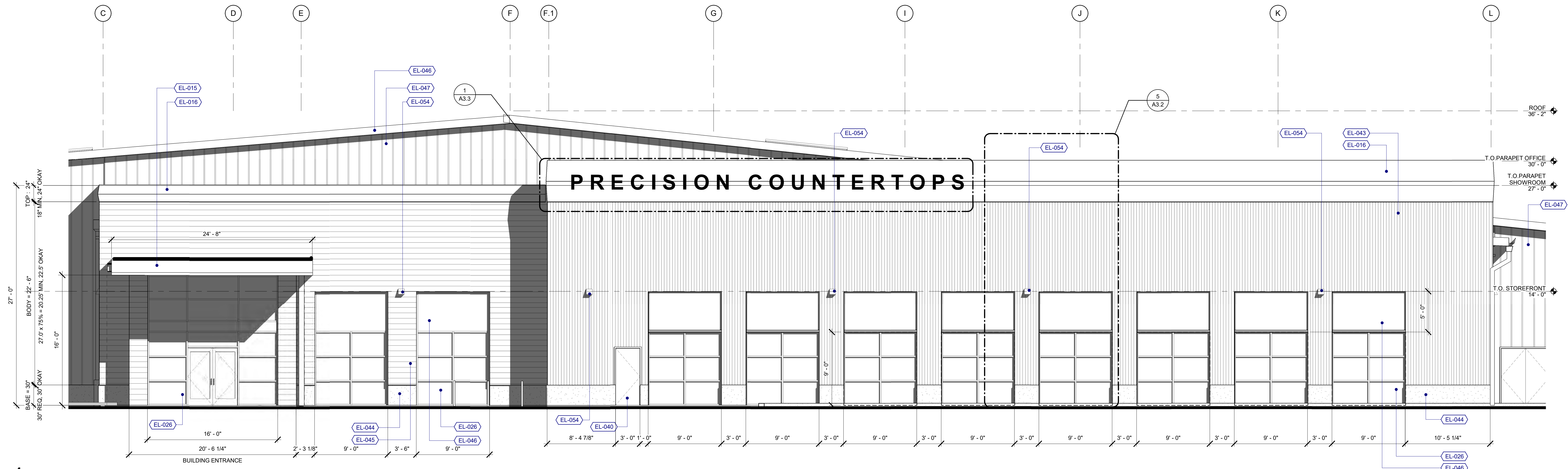
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Project:
PRECISION COUNTERTOPS

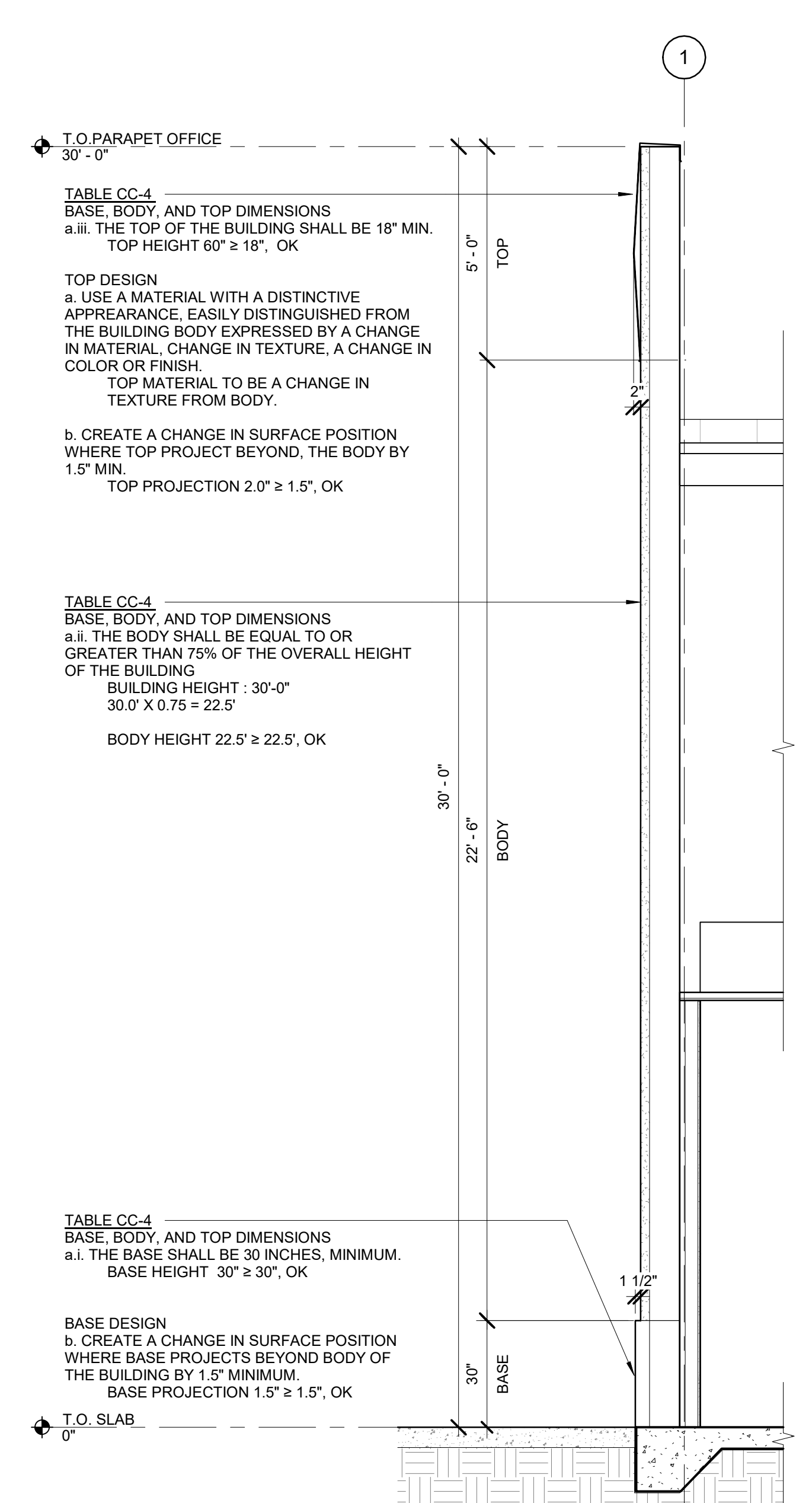
SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:
BUILDING ELEVATIONS

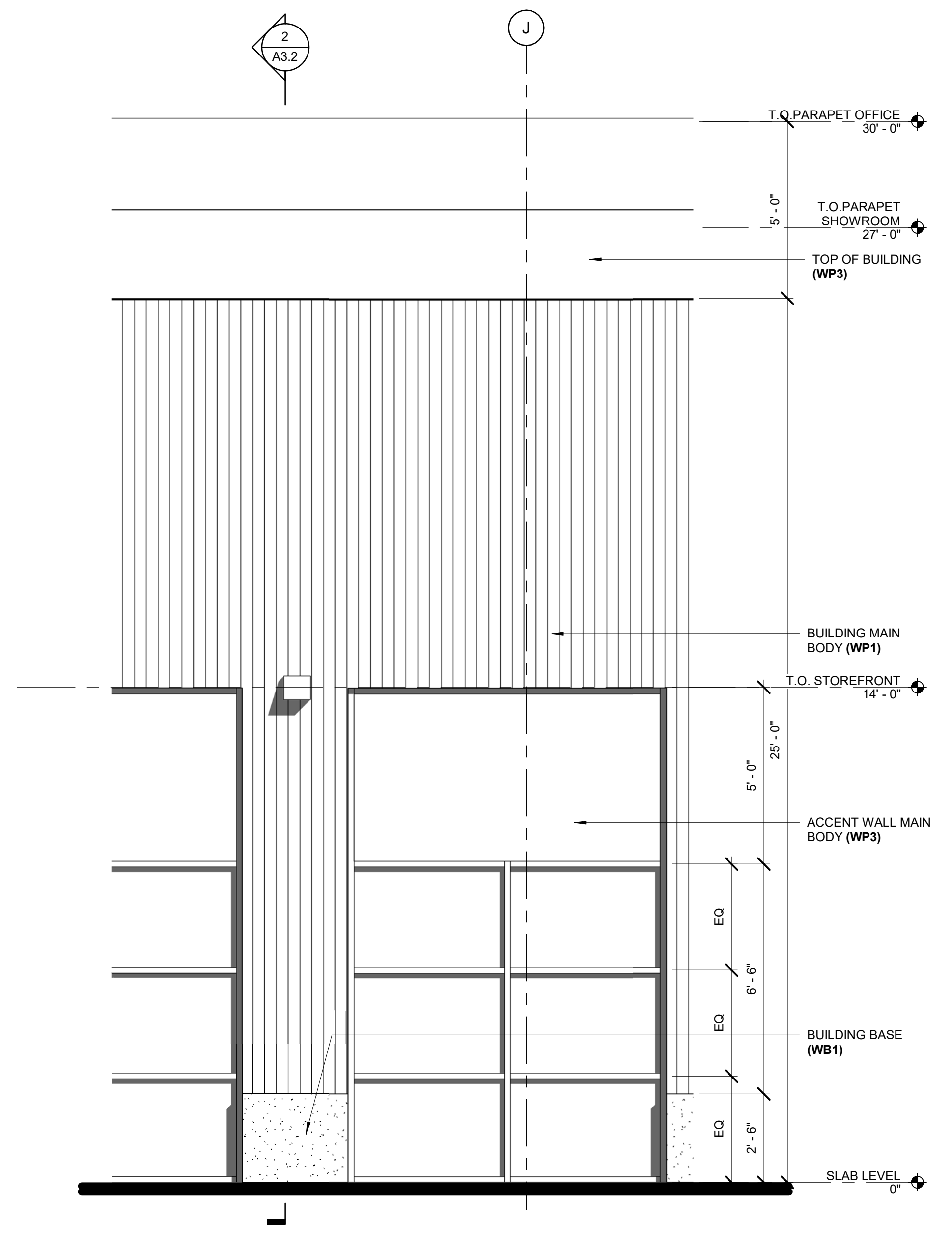
Revisions:
Description Date



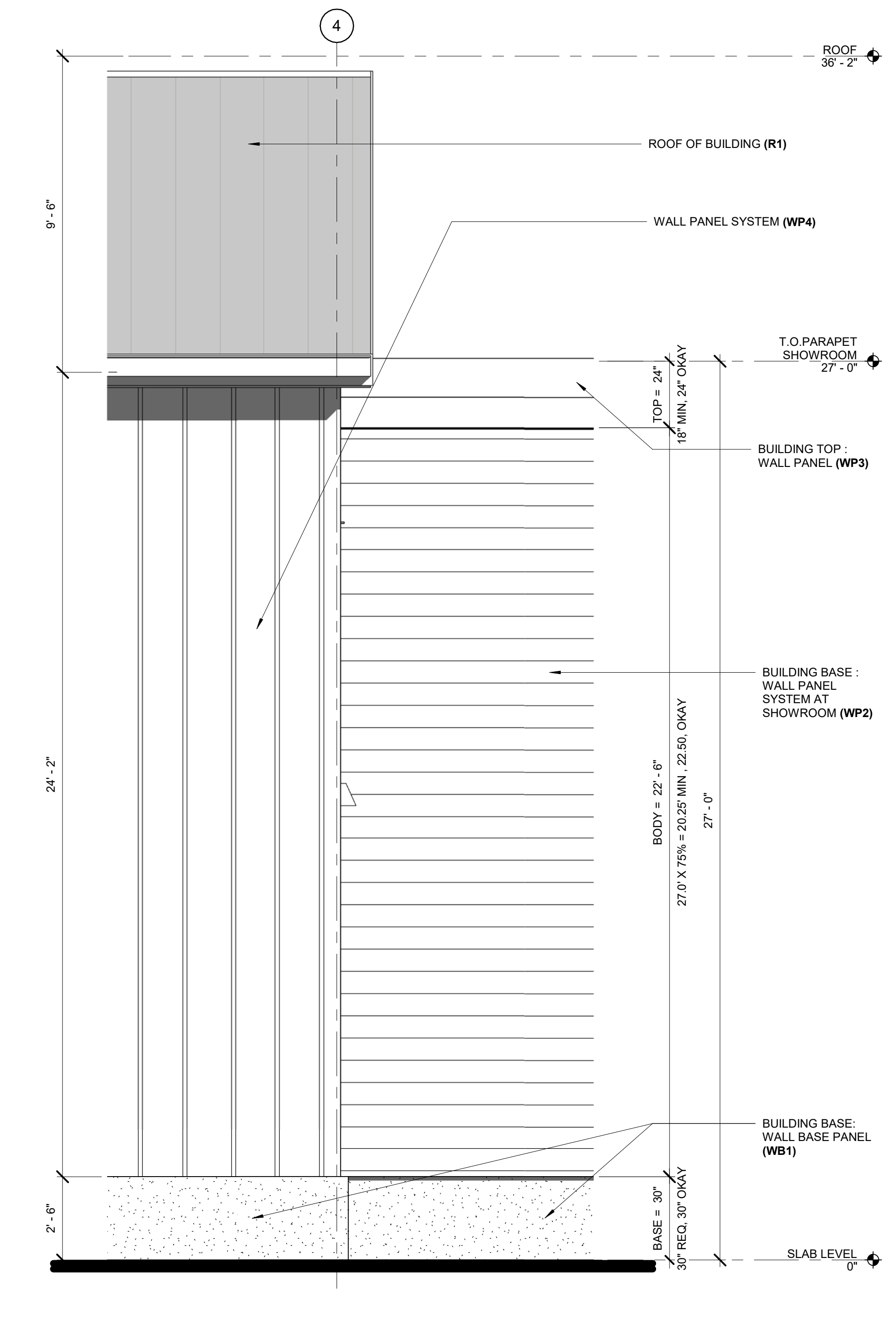
1 ADDRESSING STREET FACADE
3/16" = 1'-0"



2 FRONT DIMENSION WALL SECTION
3/8" = 1'-0"



5 FRONT BUILDING DIMENSION
3/8" = 1'-0"



6 BUILDING (SIDE) DIMENSION
3/8" = 1'-0"

KEYNOTES

- EL-015 STEEL FRAMED CANOPY
- EL-016 METAL CAP FLASHING
- EL-026 STOREFRONT SYSTEM, THERMALLY INSULATED
- EL-040 PEDESTRIAN DOOR, HOLLOW METAL
- EL-043 INSULATED METAL PANEL - KS SERIES - WP1
- EL-044 INSULATED METAL PANEL - KS SERIES GRANISTONE - WB1
- EL-045 METAL PANEL - AEP FLEX - WP2
- EL-046 INSULATED METAL PANEL - KS SERIES - WP3
- EL-047 METAL PANEL - VP PANEL RIB WALL PANEL - WP4
- EL-054 SM4 EXTERIOR WALL SCIENCE

TABLE CC-4 BUILDING DESIGN

CC4.2 PRIMARY BUILDING ENTRANCE

- REQUIRED CANOPY
- 15.0' VERTICAL CLEARANCE MIN. REQ
- 16.0' CLEAR PROVIDED, OKAY
- ALL WEATHER PROTECTION ZONE 15.0' X 8.0' MIN REQ.
- 24'-6" X 8'-0" PROVIDED, OKAY

TRANSPARENCY

- WALLS AND DOORS AT PRIMARY BUILDING ENTRANCE 65% TRANSPARENT MIN.
- WALL OF PRIMARY ENTRANCE = 320 SF
- GLAZING PROVIDED AT PRIMARY ENTRANCE = 256 SF
- 256 / 320 = 80% PROVIDED > 65% REQ, OKAY

BUILDING FRONTAGE

- ADDRESSING STREET WALL FRONTAGE = 170'-0" (100' MIN. REQUIRED)
- CANOPY AT BUILDING FRONTAGE: 24'-6" (14% PROVIDED) (10% MIN. REQUIRED)

BUILDING FRONTAGE TRANSPARENCY

- BUILDING WALL SF AT THE ADDRESSING STREET = 4908 SF
- GLAZING PROVIDED: 256+ 729= 985 SF, 20% PROVIDED (20% MIN REQUIRED)

REFER TO MATERIAL LEGEND ON A3.1

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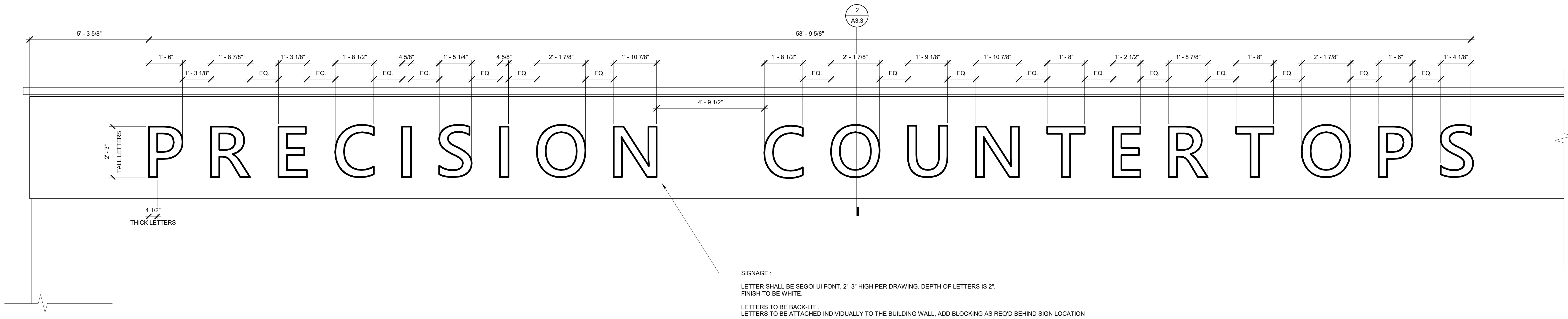
Project:
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Sheet Title:
SIGNAGE, ENTRY, GLAZING CALCULATION

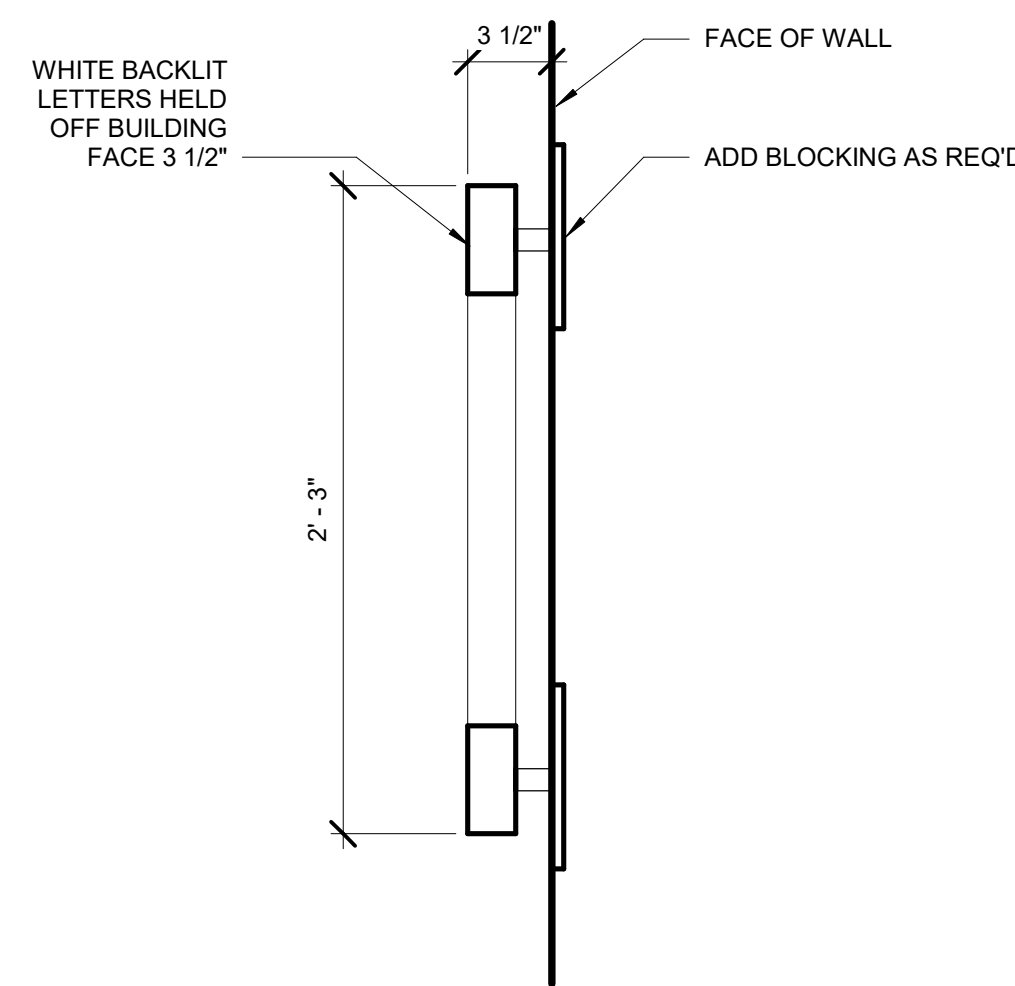
Revisions:

#	Description	Date



SIGNAGE:
LETTER SHALL BE SEGOI UI FONT, 2'-3" HIGH PER DRAWING. DEPTH OF LETTERS IS 2".
FINISH TO BE WHITE.
LETTERS TO BE BACK-LIT.
LETTERS TO BE ATTACHED INDIVIDUALLY TO THE BUILDING WALL, ADD BLOCKING AS REQ'D BEHIND SIGN LOCATION

1 BUILDING SIGNAGE DETAIL
1/2" = 1'-0"



2 SECTION THROUGH SIGNAGE
1/2" = 1'-0"

BUILDING SIGNAGE CALCULATIONS

LINEAR LENGTH OF FACADE 170',
SIGN AREA ALLOWED= 36 SF + (((170'-72')/24)x12)= 85 SF

SIGN AREA: COMBINED AREA OF ALL BACKLIT LETTERS : 40 SF < 85 SF (OKAY)

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**PRECISION
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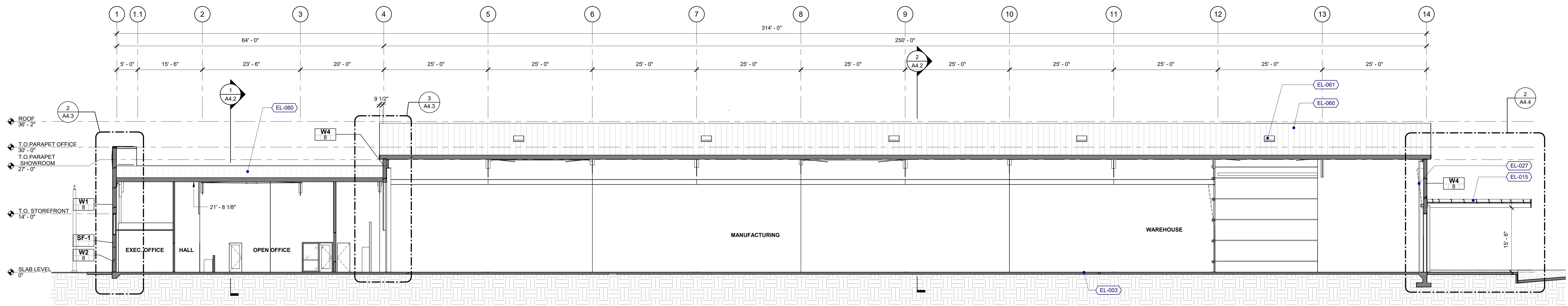
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SIGNAGE

Revisions:
Description Date

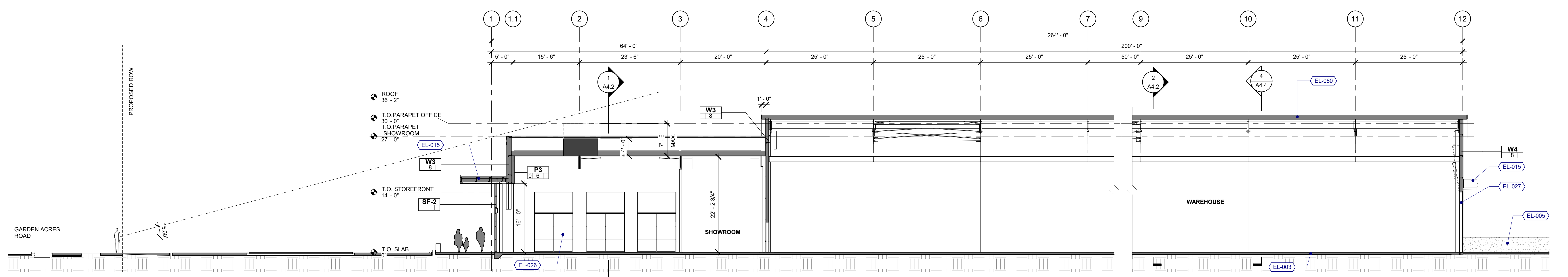
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Job Number: 121036
Sheet

KEYNOTES

- EL-003 CONCRETE SLAB ON GRADE OVER GRAVEL BASE - SEE STRUCTURAL
- EL-005 CONCRETE SITE WALL, 6"W X 30"H
- EL-015 STEEL FRAMED CANOPY
- EL-026 STOREFRONT SYSTEM, THERMALLY INSULATED
- EL-027 SECTIONAL DOOR, VERTICAL LIFT
- EL-060 STANDING SEAM METAL PANEL ROOF, SEE ROOF PLAN FOR ASSEMBLY
- EL-061 SKYLIGHT
- EL-062 PRE ENGINEERED METAL BUILDING FRAME, SEE PEMB SUPPLIER



1 CROSS SECTION THROUGH FABRICATION
1" = 10'-0"



2 CROSS SECTION THROUGH ENTRY
1" = 10'-0"

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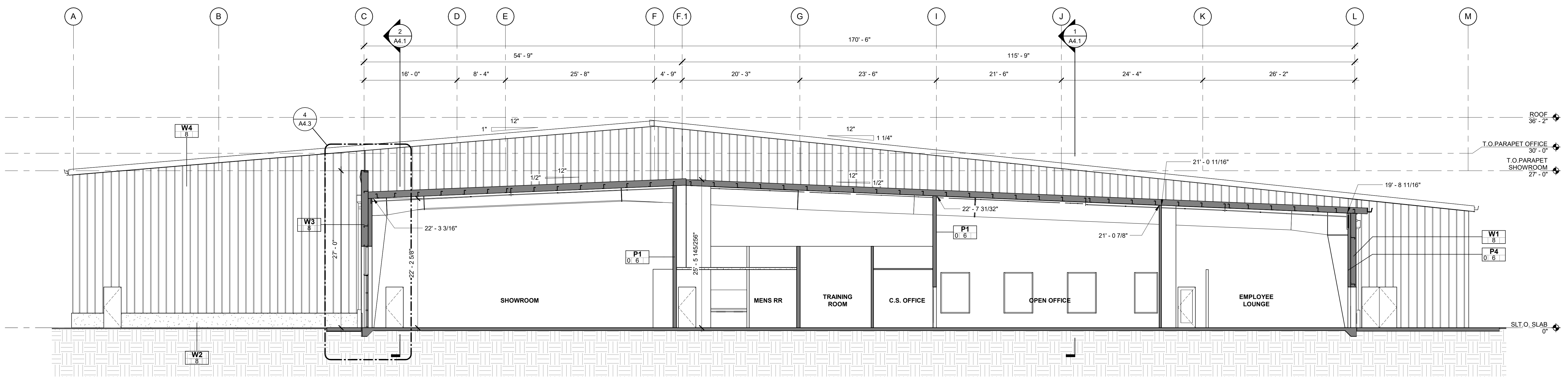
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BUILDING SECTIONS

Revisions:
Description Date

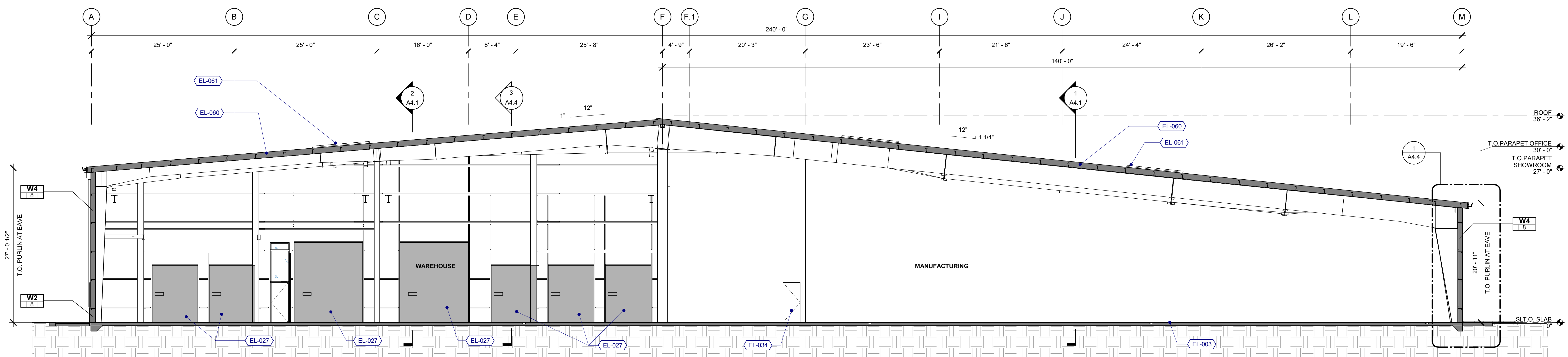
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Date: 02/06/2023
Job Number: 121036
Sheet

KEYNOTES

- EL-003 CONCRETE SLAB ON GRADE OVER GRAVEL BASE - SEE STRUCTURAL
- EL-027 SECTIONAL DOOR, VERTICAL LIFT
- EL-034 PEDESTRIAN DOOR, HOLLOW METAL
- EL-060 STANDING SEAM METAL PANEL ROOF, SEE ROOF PLAN FOR ASSEMBLY
- EL-061 SKYLIGHT
- EL-062 PRE ENGINEERED METAL BUILDING FRAME, SEE PEMB SUPPLIER



1 CROSS SECTION THROUGH OFFICE
1/8" = 1'-0"



2 CROSS SECTION THROUGH STORAGE
1/8" = 1'-0"

Client/ Owner:
PRECISION COUNTERTOPS

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Project:
PRECISION COUNTERTOPS

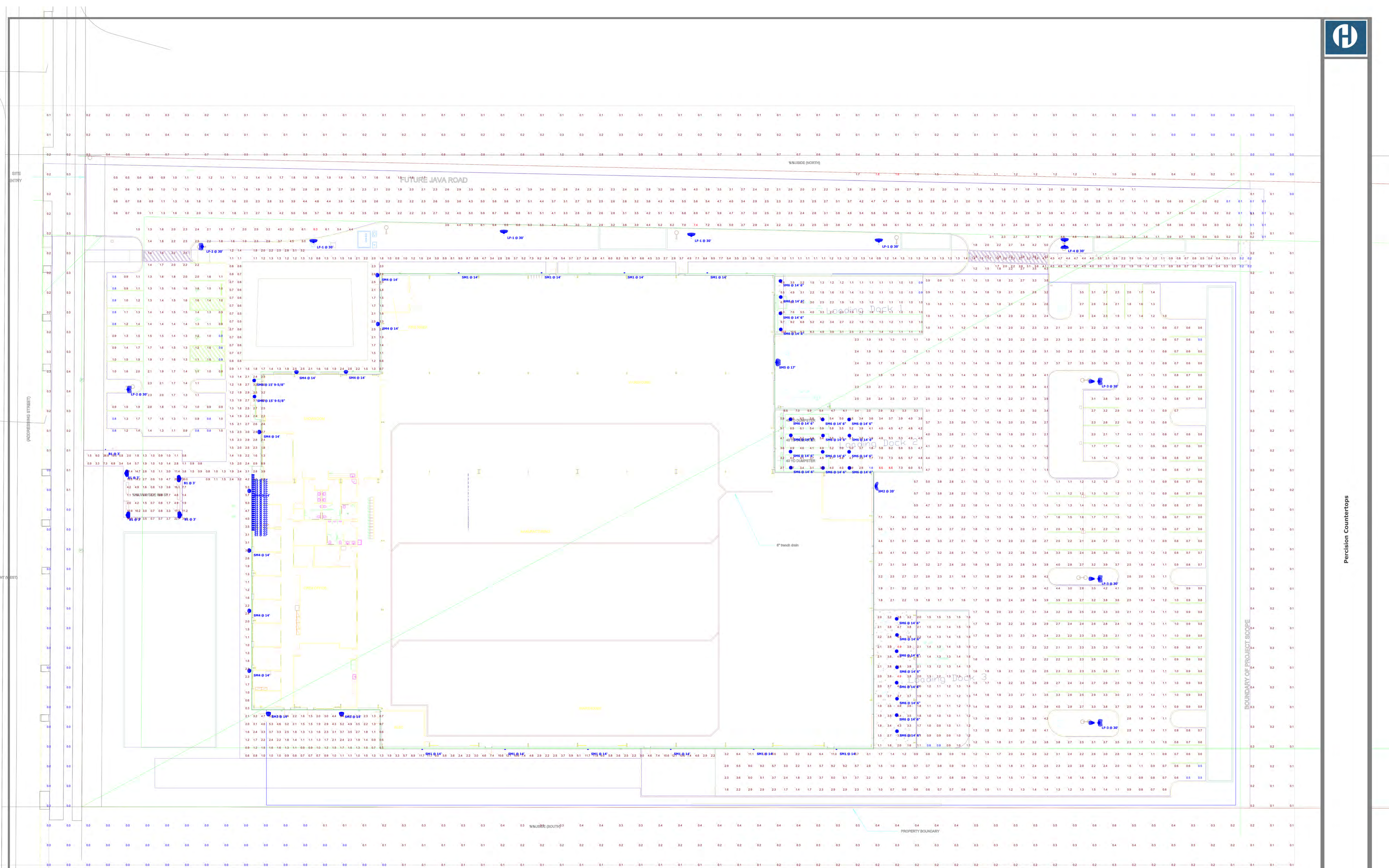
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Sheet Title:
BUILDING SECTIONS

Revisions:

#	Description	Date

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Job Number: 121036
Sheet



Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Future Java Road	+	2.8 fc	7.4 fc	0.1 fc	74.0:1	28.0:1
Loading Dock 1	+	2.7 fc	10.9 fc	0.9 fc	12.1:1	3.0:1
Loading Dock 2	+	4.8 fc	8.6 fc	1.6 fc	5.4:1	3.0:1
Loading Dock 3	+	2.1 fc	4.9 fc	0.8 fc	6.1:1	2.6:1
Ped Path	+	3.1 fc	34.6 fc	0.2 fc	173.0:1	15.5:1
Prop line	+	0.2 fc	1.8 fc	0.0 fc	N/A	N/A
West Lot Smaller	+	1.7 fc	6.3 fc	0.8 fc	7.9:1	2.1:1
East Lot-Large	+	2.1 fc	11.2 fc	0.5 fc	22.4:1	4.2:1

Schedule

Symbol	Layer	Manufacturer	Quantity	Ordering Method	Description
B1	Lighting	OSRAM	5	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-1	Lighting	OSRAM	2	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-2	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-3	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-4	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
S1	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM1	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM2	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM3	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM4	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM5	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM6	Lighting	OSRAM	1	MANUFACTURER	OSRAM Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution



Precision Countertops

BOUNDARY OF PROJECT SCOPE

PROPERTY BOUNDARY

Designer
Date: 09/15/2021
Scale: Not to Scale
Drawing No.
Summary
1 of 2

Client/ Owner:
PRECISION COUNTERTOPS

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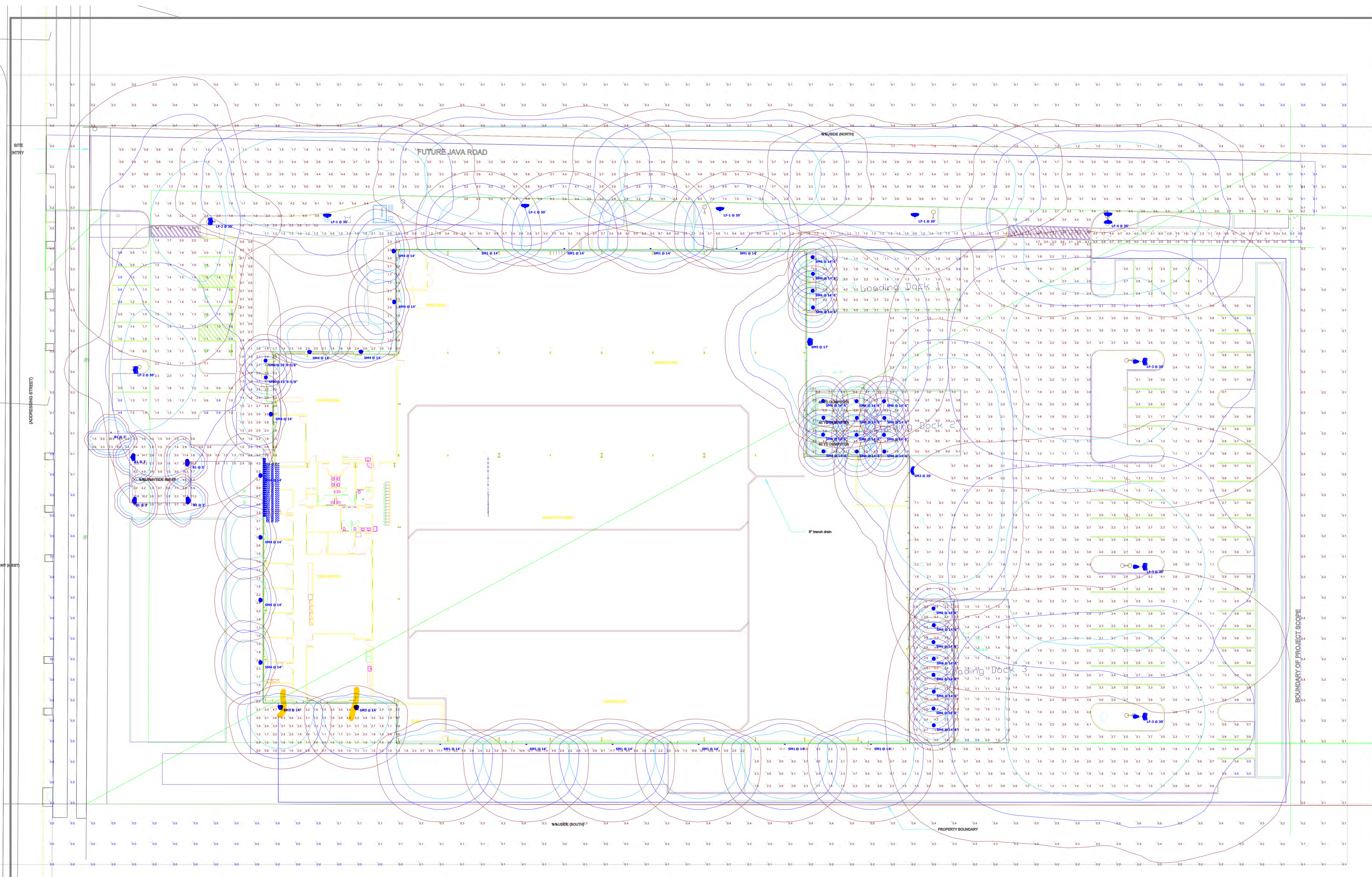
Project:
PRECISION COUNTERTOPS

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Sheet Title:
LIGHTING PLAN, STATISTICS, SCHEDULES

Revisions:
Description Date

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Job Number: 121036
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Precision Countertops

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Future Java Road	+	2.8 fc	7.4 fc	0.1 fc	74.0:1	28.0:1
Loading Dock 1	+	2.7 fc	10.9 fc	0.9 fc	12.1:1	3.0:1
Loading Dock 2	+	4.8 fc	8.6 fc	1.6 fc	5.4:1	3.0:1
Loading Dock 3	+	2.1 fc	4.9 fc	0.8 fc	6.1:1	2.6:1
Ped Path	+	3.1 fc	34.6 fc	0.2 fc	173.0:1	15.5:1
Prop Line	+	0.2 fc	1.8 fc	0.0 fc	N/A	N/A
West Lot Smaller	+	1.7 fc	6.3 fc	0.8 fc	7.9:1	2.1:1
East Lot-Large	+	2.1 fc	11.2 fc	0.5 fc	22.4:1	4.2:1

Symbol	Label	Manufacturer	Quantity	Color	Notes
BS	Lighting	AWA18-CLL4-T194	1	Black	
LF-1	Lighting	MS22 LED P1 30W R2	4	MS22 LED P1 30W R2	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-2	Lighting	MS22 LED P1 30W R4	2	MS22 LED P1 30W R4	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R4 Distribution
LF-3	Lighting	MS22 LED P1 30W R4	1	MS22 LED P1 30W R4	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R4 Distribution
LF-4	Lighting	MS22 LED P1 30W R2	1	MS22 LED P1 30W R2	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-5	Lighting	MS22 LED P1 30W R2	1	MS22 LED P1 30W R2	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
LF-6	Lighting	MS22 LED P1 30W R2	1	MS22 LED P1 30W R2	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
S1	Recessed	MS22 LED P1 30W R2	28	MS22 LED P1 30W R2	MS2 Area Luminaire Size 2 P1 Luminaire Package 3000K CCT Type R2 Distribution
SM1	Lighting	MS22 LED WITH P1	1	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART FORWARD OPTIC
SM2	Lighting	MS22 LED WITH P1	1	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART FORWARD OPTIC
SM3	Lighting	MS22 LED WITH P1	2	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART FORWARD OPTIC
SM4	Lighting	MS22 LED WITH P1	4	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART WIDE OPTIC
SM5	Lighting	MS22 LED WITH P1	1	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART WIDE OPTIC
SM6	Lighting	MS22 LED WITH P1	25	MS22 LED WITH P1	MS22 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, BICO, VISUAL, COMPART WIDE OPTIC

Designer:
Date: 09/15/2021
Scale: Not to Scale
Drawing No.:
Summary:
2 of 2

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PRECISION COUNTERTOPS

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Sheet Title:

LIGHTING PLAN, STATISTICS, SCHEDULES

Revisions:

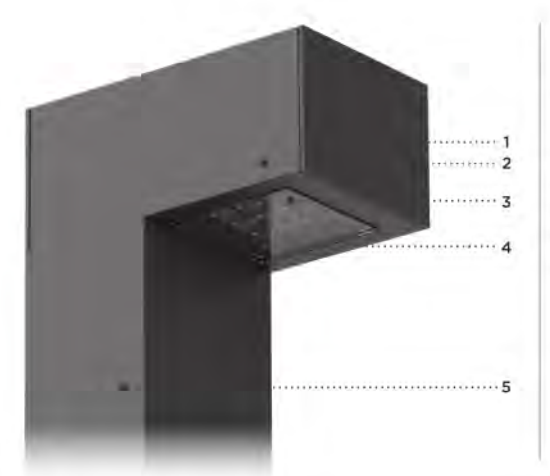
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Job Number: 121036
Sheet

LUMINIS

BVA11B/BVA12B SERIES
Bellevue
BOLLARD

TYPE:	QUANTITY:	PROJECT:
CATALOG NUMBER:	MODEL:	LED LIGHT SELECTION:
	CCT:	VOLTAGE:
	FINISH:	OPTION:
	OPTION:	OPTION:



- 1 Front cover constructed of corrosion resistant aluminum.
- 2 4.5" (114mm) x 4" (102mm) Extruded aluminum optical chamber.
- 3 Available in configurations of 9 LEDs or 18 LEDs.
- 4 Clear tempered glass.
- 5 4.5" (114mm) x 4" (102mm) 6063-T6 aluminum pole, 0.125" wall thickness. All stainless steel hardware.



MATERIALS
Bellevue bollard is made of 6063-T6 extruded aluminum alloy. LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of LED type distribution. The driver is mounted inside the fixture which is accessible from the back of the fixture for ease of maintenance.

ELECTRICAL
Standard driver is 120-277V multi-volt compatibility (50-60Hz). Dimmable dimming ready down to 10%. Optional DALI dimmer, operating temperatures of -40°C/-40°F to 55°C/131°F. Output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

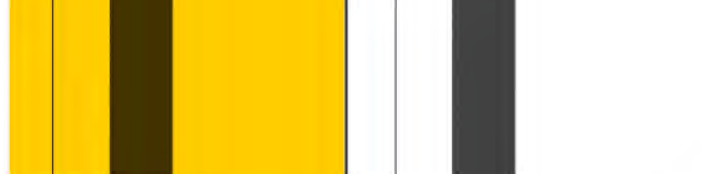
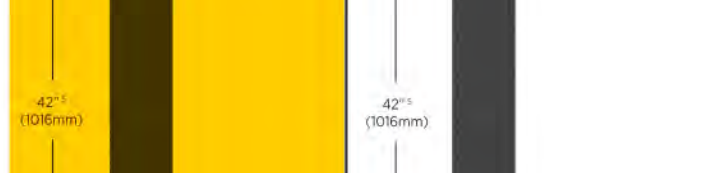
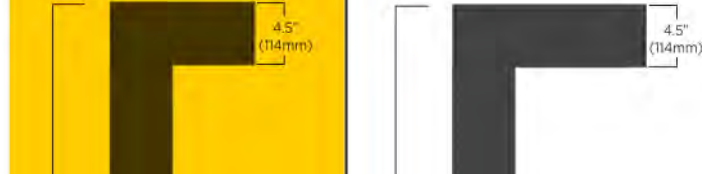
LED
Type L, W, IV light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K & 5000K. Optional true amber LED for turtle sensitive areas.
Wavelengths: 584.5nm to 597nm.

LIFETIME
60,000hrs L70B50 (based on LM-80 report for lumen maintenance).

FINISH
Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION
Certified and Approved per CSA C22.2 No. 250 and standard and ANSI/UL 598 standard for wet location. Rated IP65. Rated IK10.
Photometric testing performed by an independent laboratory in accordance with IES LM-79/80 standards at a Lumen depreciation in accordance with IESNA LM80 standards.

MOUNTING
Maximum weight: 25 lbs (11.3 kg).
Bellevue is designed for ease of access and installation. The head is secured on a mounting bracket that is accessible from the inside. The base plate is secured with a set of 4x 1/8" dia. 1/8" lg. galvanized hook anchor bolts.

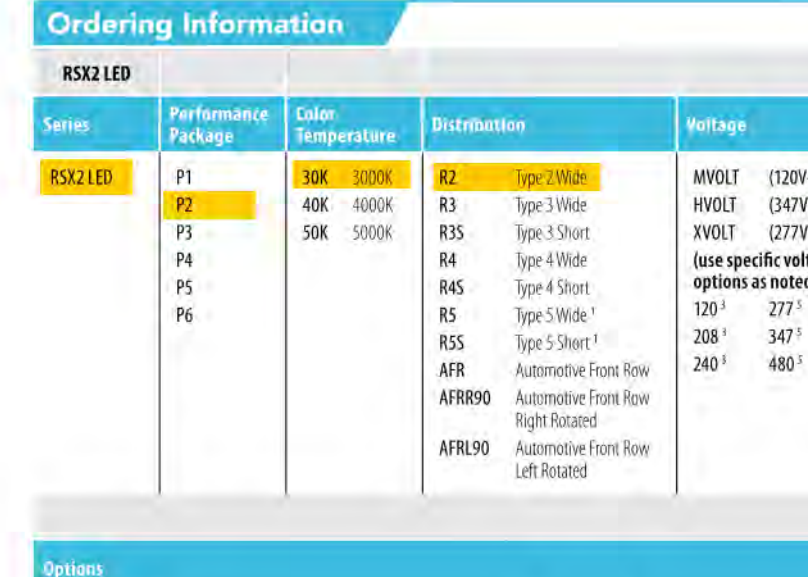


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100 Lakeside, Portland, OR 97201 | Canada: 905.752.7545
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LUMINIS | 100 Lakeside, Portland, OR 97201 | Canada: 905.752.7545

RSX2 LED Area Luminaire



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)

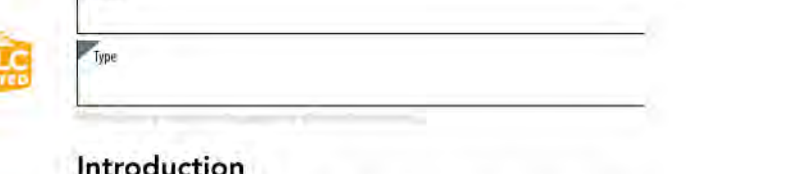


Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

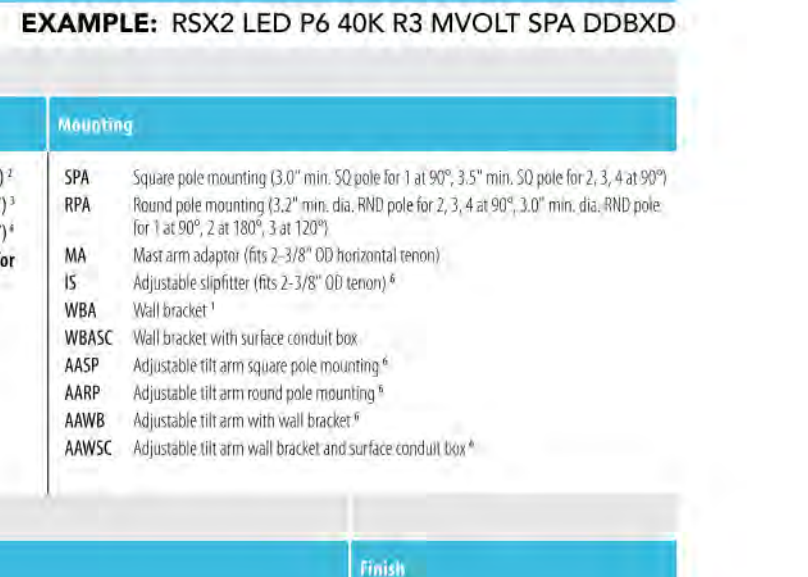
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

RSX2 LED Area Luminaire



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

B-1 B-1 LIGHT FIXTURE



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)

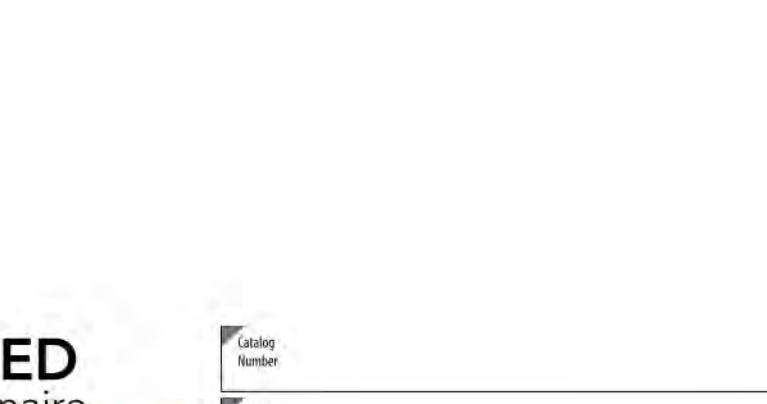


Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

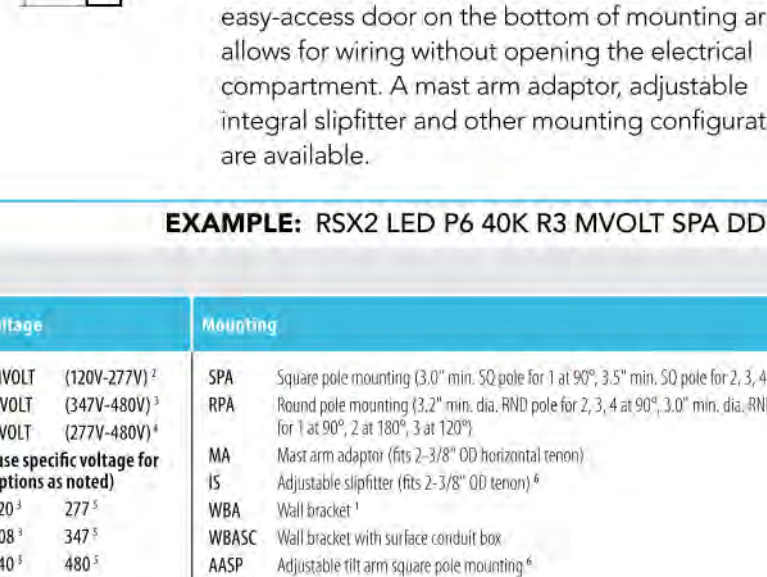
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

LF-1 LF-1 LIGHT FIXTURE



EPA (ft²@45°):	0.9 ft² (0.08 m²)
Length:	28.3" (71.9 cm)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight:	33 lbs (15.0 kg)



Ordering Information EXAMPLE: RSX2 LED P4 40K WFL MVOLT IS DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	WFL	MVOLT (120V-277V)	IS
	P2	40K	WFL	MVOLT (120V-277V)	IS
	P3	40K	WFL	MVOLT (120V-277V)	IS
	P4	40K	WFL	MVOLT (120V-277V)	IS
	P5	40K	WFL	MVOLT (120V-277V)	IS
	P6	40K	WFL	MVOLT (120V-277V)	IS

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

LF-2 LF-2 LIGHT FIXTURE



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)

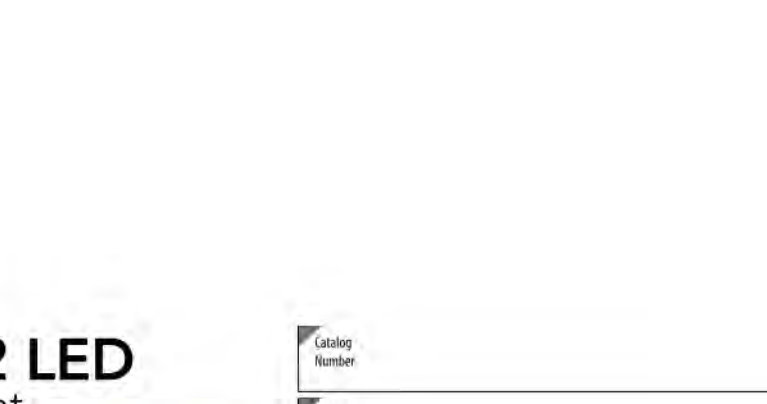


Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

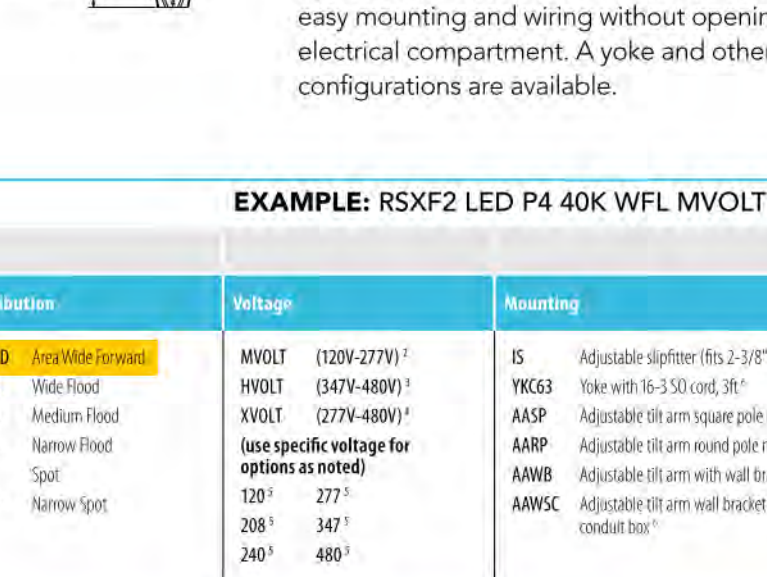
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

RSX2 LED Area Luminaire



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

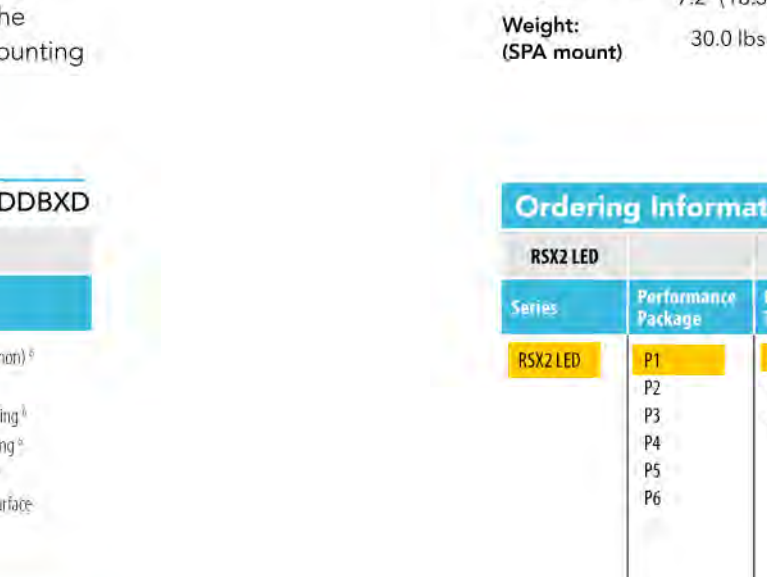
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

RSX2 LED Area Luminaire



EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Ordering Information EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	40K	R3	MVOLT (120V-277V)	SPA
	P2	40K	R3	MVOLT (120V-277V)	SPA
	P3	40K	R3	MVOLT (120V-277V)	SPA
	P4	40K	R3	MVOLT (120V-277V)	SPA
	P5	40K	R3	MVOLT (120V-277V)	SPA
	P6	40K	R3	MVOLT (120V-277V)	SPA

System	Finish
IS	Dark Bronze
PE	Phosphor, butter yellow
PER	Phosphor, butter yellow
SF	Single face (130, 271, 347)
DF	Double face (130, 271, 347)
SPDNV	200V surge pack (130 standard)
FAO	Field adjustable surge
DMG	0-10V dimming spread out back of housing for external sensor (remote sensor required)
DS	Dual switching

Zolo™ 5 SLIM INDOOR/OUTDOOR LED WASHER/GRAZER



Item	Z5	Length	11.81" (300mm)	Power*	BW - 8Watt	Temp/Color*	27 - 2700K 30 - 3000K 3 - 35-43 (9000mm) 35 - 3500K 40 - 4000K
Beam Angle	25-40°	Mounting	S1 - Stand Off	Finish*	TG - Titanium Gray BK - Black WH - White	Option	NA - None LV - Lower ALV - Asymmetric Louver

Description
Zolo 5 is our most popular indoor/outdoor washer/grazer. With it's slim form factor, great light output, and high customizability, it's sure to fit your project perfectly.

- Features**
- High Purity Tempered Glass
 - Extruded Aluminum Alloy Housing
 - Available in Titanium Gray, Black or White Finish
 - Multi-Volt 24VDC Remote Driver (Sold Separately)
 - Daisy Chain Multiple Fixtures
 - IP66 Outdoor Rated
 - Lower Options Available

Specifications

Dimming Options	PWM, Triac, 0-10V, DMX 512, ELV
Input Voltage	24V DC/Constant Voltage
Watts per Foot	8W/ft*
Lumen per Watt	100 lm/W
Lumen per Foot	800 lm/ft
Beam Spread	25°-40°, 30°-65°, 30°, 50°
Max Run Length	12 ft
CRI	85+
Operating Temp.	-40°F (-40°C) to 140°F (60°C)

1/4 | Z5 | 800.789.3810 | quotes@kelvix.com * Customizable - Consult Factory 021522.H

MDG ARCHITECTURE | INTERIORS
4875 SW Griffith Drive Suite 300
Beaverton, OR 97005
(503) 244-0552



Client/ Owner:
PRECISION COUNTERTOPS

26200 SW 95th Ave,
Wilsonville OR 97070

Project:
PRECISION COUNTERTOPS

SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:
LIGHTING CUT SHEETS

Revisions:
Description Date

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Date: 02/06/2023
Job Number: 121036
Sheet

WDGE2 LED Architectural Wall Sconce Precision Reflective Optic

Specifications
Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Optics	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	Visual Comfort	4W	—	—	750	1,200	2,000	—	—	—
WDGE2 LED	Visual Comfort	4W	10W	Standalone / right	—	1,200	2,000	3,000	4,500	6,000
WDGE3 LED	Precision Reflective	10W	10W	Standalone / right	700	1,200	2,000	3,200	4,200	—
WDGE4 LED	Precision Reflective	15W	10W	Standalone / right	—	7,500	8,500	10,000	12,000	—
WDGE4 LED	Precision Reflective	—	—	Standalone / right	—	12,000	16,000	18,000	20,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE2 LED	P3	40K	80CRI	VF	MVOLT	SRM	DDBXD

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

WDGE4 LED Architectural Wall Sconce

Specifications
Depth (D1): 10"
Depth (D2): 2"
Height: 9"
Width: 25"
Weight: 30.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE2 LED	10W	10W	Standalone / right	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	15W	10W	Standalone / right	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	—	—	Standalone / right	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE4 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE4 LED	P3	40K	70CRI	R3	Type 2	MVOLT	SRM

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

WDGE2 LED Architectural Wall Sconce Precision Reflective Optic

Specifications
Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Optics	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	Visual Comfort	4W	—	—	750	1,200	2,000	—	—	—
WDGE2 LED	Visual Comfort	4W	10W	Standalone / right	—	1,200	2,000	3,000	4,500	6,000
WDGE3 LED	Precision Reflective	10W	10W	Standalone / right	700	1,200	2,000	3,200	4,200	—
WDGE4 LED	Precision Reflective	15W	10W	Standalone / right	—	7,500	8,500	10,000	12,000	—
WDGE4 LED	Precision Reflective	—	—	Standalone / right	—	12,000	16,000	18,000	20,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE2 LED	P3	40K	80CRI	VF	MVOLT	SRM	PE

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

WDGE1 LED Architectural Wall Sconce

Specifications
Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs (without options)

WDGE LED Family Overview

Luminaire	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE2 LED	10W	10W	Standalone / right	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	15W	10W	Standalone / right	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	—	—	Standalone / right	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE1 LED	P2	40K	80CRI	VF	MVOLT	SRM	PE

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P2	27K	20CRI	T15	Type 1	347	AW5
E200C	P2	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P2	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P2	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P2	50K	30CRI	T5M	Type 1/2	347	AW5

SM-1 SM1 LIGHT FIXTURE

WDGE4 LED Architectural Wall Sconce

Specifications
Depth (D1): 10"
Depth (D2): 2"
Height: 9"
Width: 25"
Weight: 30.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE2 LED	10W	10W	Standalone / right	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	15W	10W	Standalone / right	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	—	—	Standalone / right	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE4 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE4 LED	P3	40K	70CRI	R3	Type 2	MVOLT	SRM

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

SM-2 SM2 LIGHT FIXTURE

WDGE4 LED Architectural Wall Sconce

Specifications
Depth (D1): 10"
Depth (D2): 2"
Height: 9"
Width: 25"
Weight: 30.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE2 LED	10W	10W	Standalone / right	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	15W	10W	Standalone / right	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	—	—	Standalone / right	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE4 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE4 LED	P3	40K	70CRI	R3	Type 2	MVOLT	SRM

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

SM-3 SM3 LIGHT FIXTURE

WDGE2 LED Architectural Wall Sconce Precision Reflective Optic

Specifications
Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs (without options)

WDGE LED Family Overview

Luminaire	Optics	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	Visual Comfort	4W	—	—	750	1,200	2,000	—	—	—
WDGE2 LED	Visual Comfort	4W	10W	Standalone / right	—	1,200	2,000	3,000	4,500	6,000
WDGE3 LED	Precision Reflective	10W	10W	Standalone / right	700	1,200	2,000	3,200	4,200	—
WDGE4 LED	Precision Reflective	15W	10W	Standalone / right	—	7,500	8,500	10,000	12,000	—
WDGE4 LED	Precision Reflective	—	—	Standalone / right	—	12,000	16,000	18,000	20,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE2 LED	P3	40K	80CRI	VF	MVOLT	SRM	PE

Systems

System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P3	27K	20CRI	T15	Type 1	347	AW5
E200C	P3	40K	30CRI	T2M	Type 1/2	347	AW5
E300	P3	50K	30CRI	T3M	Type 1/2	347	AW5
E400	P3	50K	30CRI	T4M	Type 1/2	347	AW5
E500	P3	50K	30CRI	T5M	Type 1/2	347	AW5

SM-4 SM4 LIGHT FIXTURE

WDGE1 LED Architectural Wall Sconce

Specifications
Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs (without options)

WDGE LED Family Overview

Luminaire	Standard EM, °C	Color, °C	Finish	F1	F2	F3	F4	F5	F6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE2 LED	10W	10W	Standalone / right	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	15W	10W	Standalone / right	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	—	—	Standalone / right	12,000	16,000	18,000	20,000	22,000	25,000

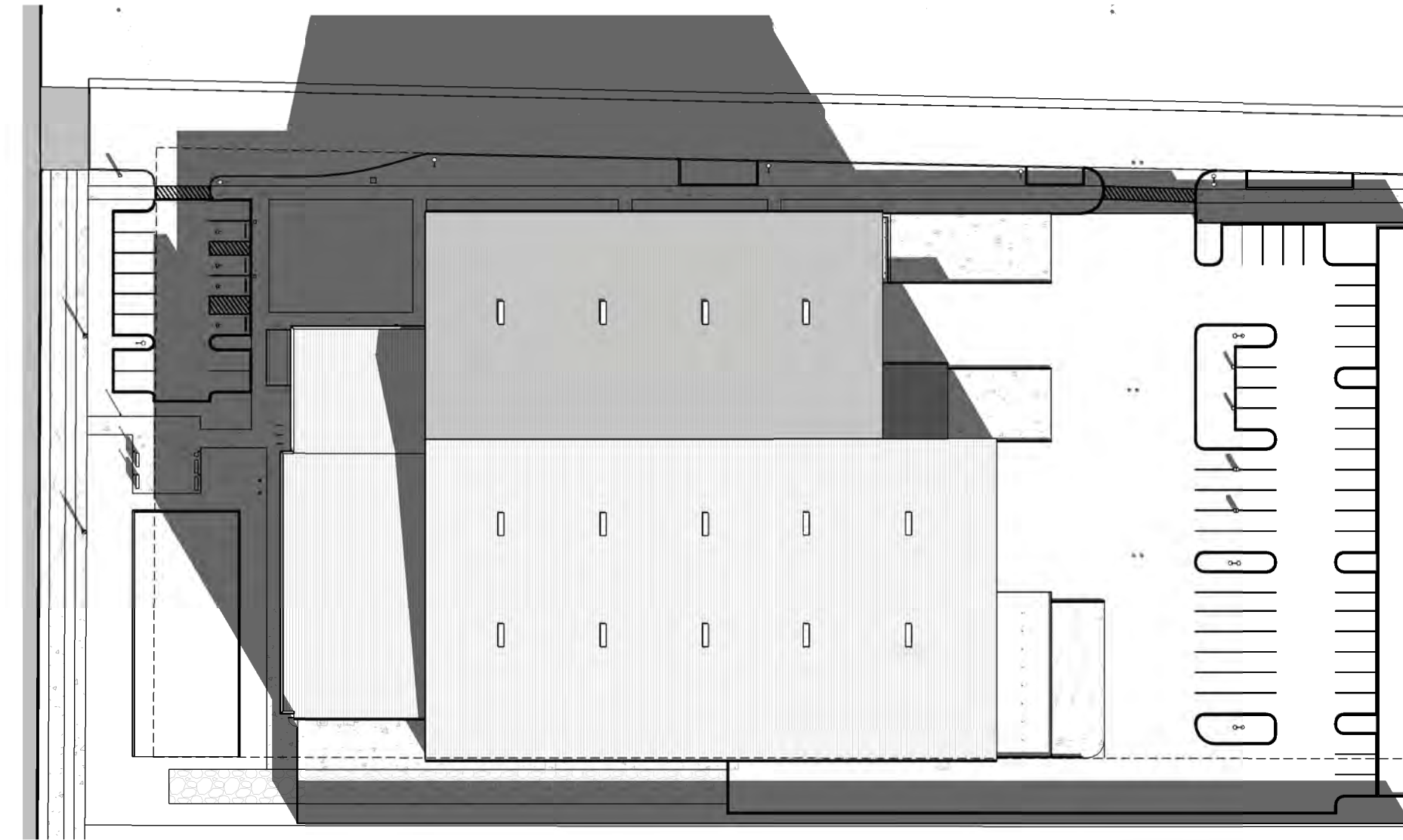
Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

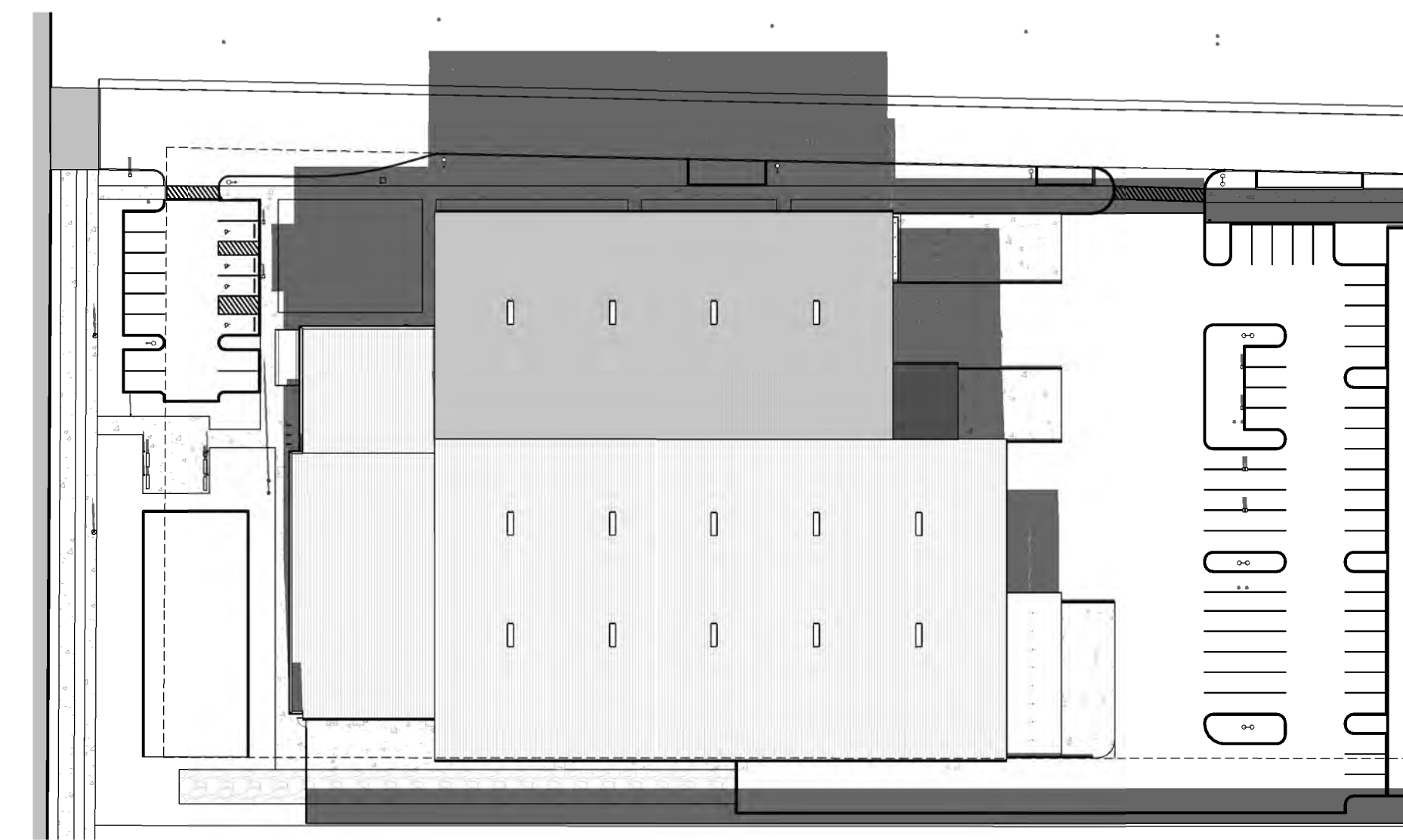
Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
WDGE1 LED	P2	40K	80CRI	VF	MVOLT	SRM	PE

Systems

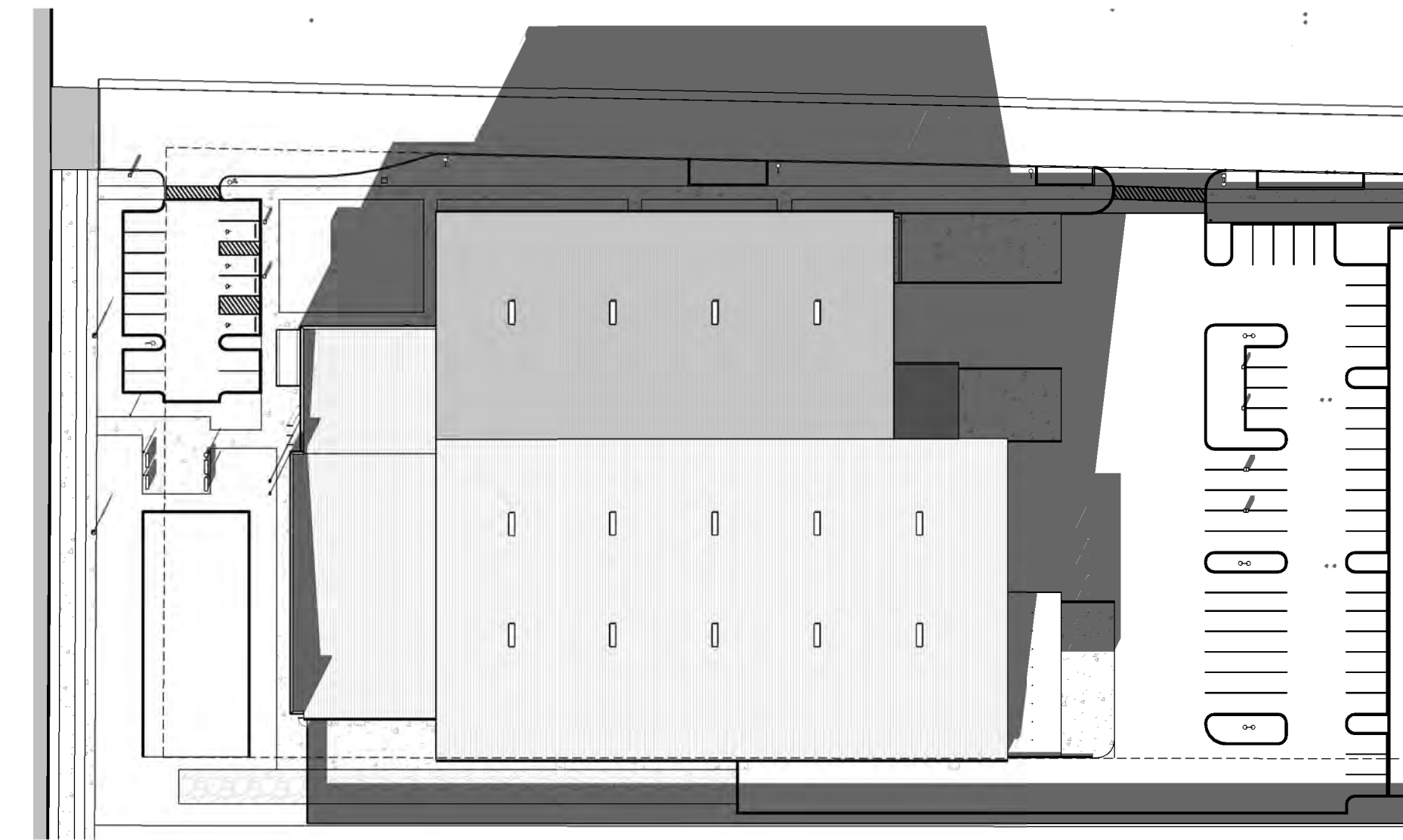
System	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	Shipped separately
E100M	P2						



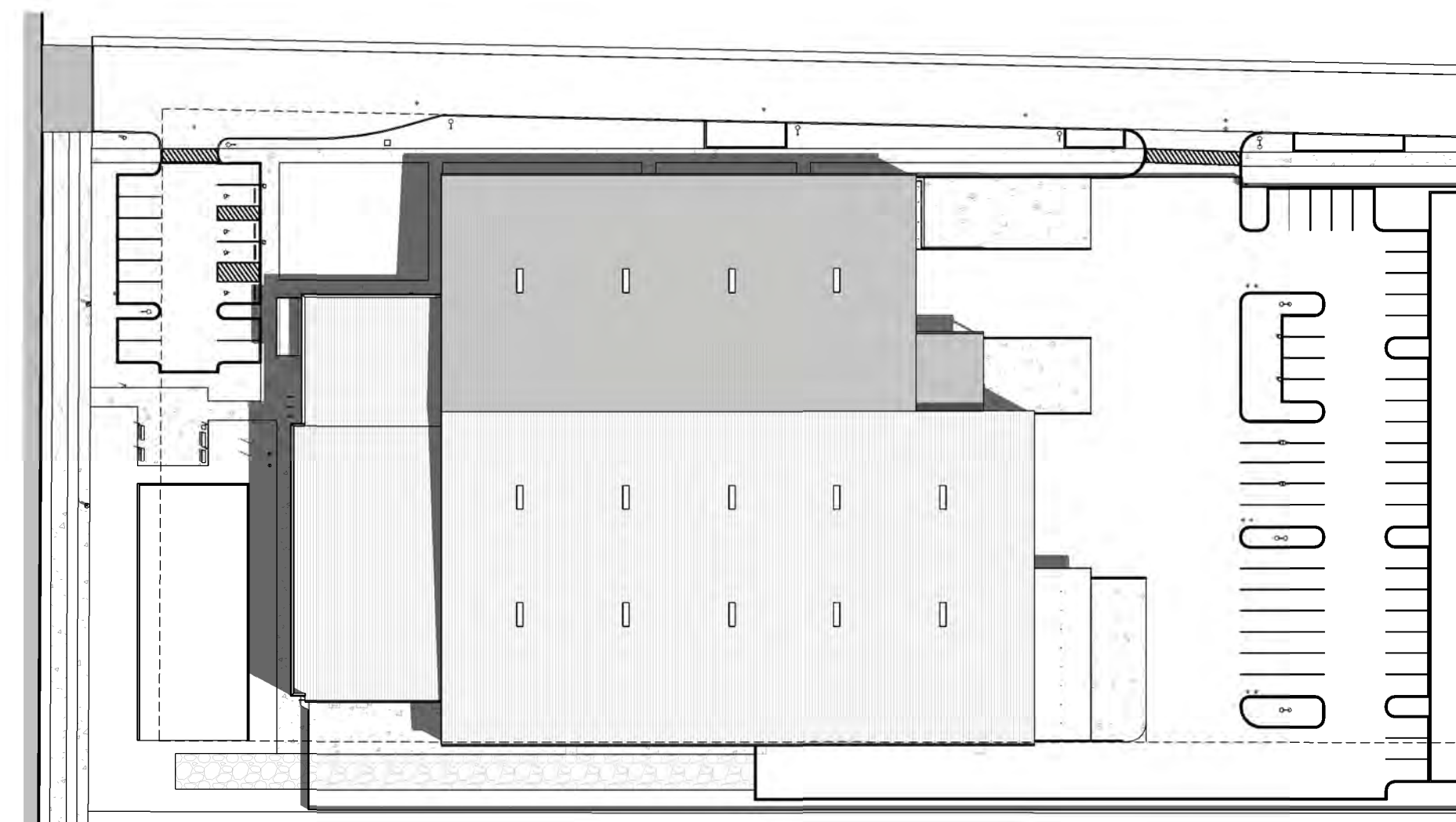
1 WINTER SOLSTICE - 10 AM
1/64" = 1'-0"



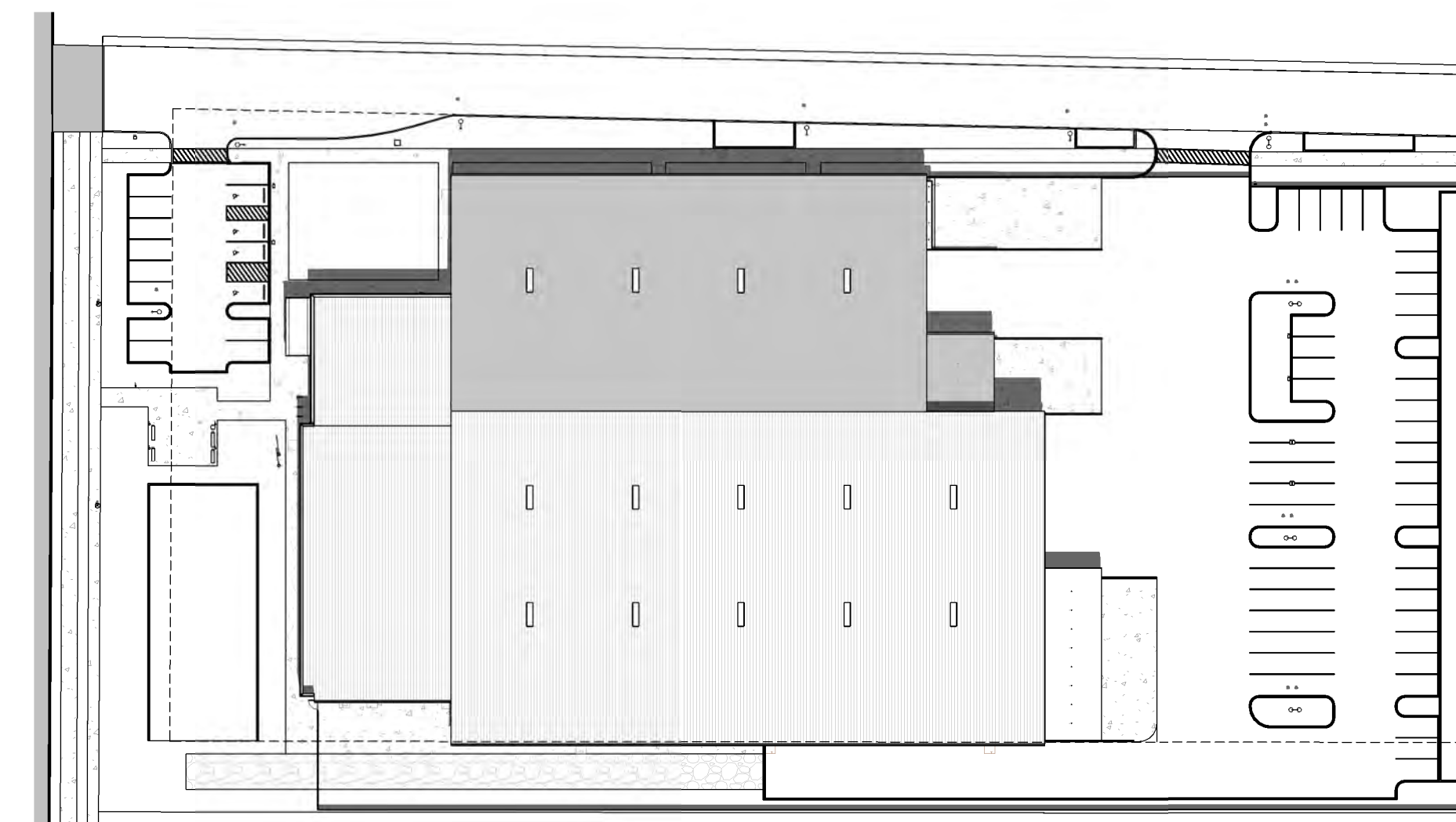
2 WINTER SOLSTICE - 12 PM
1/64" = 1'-0"



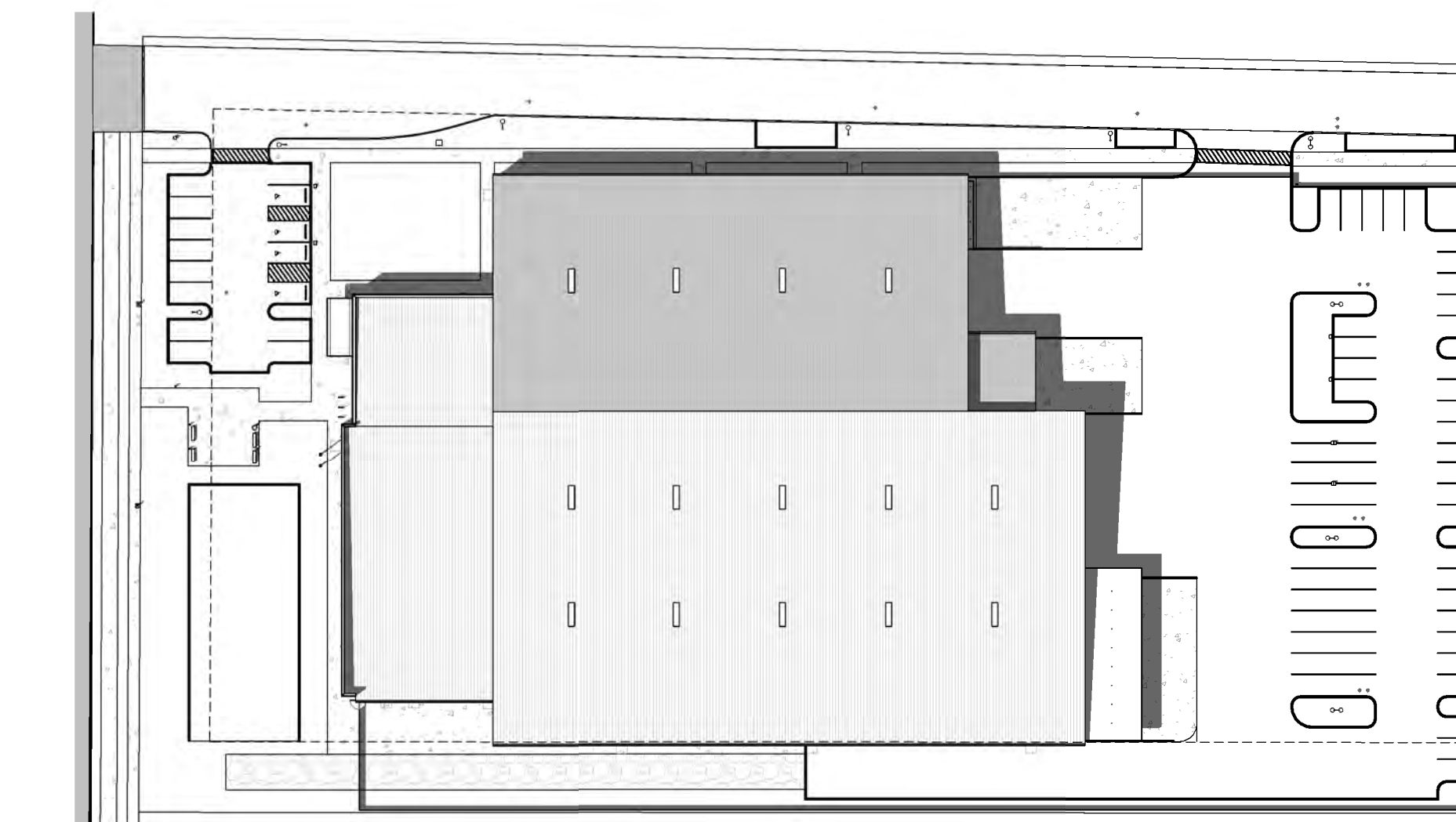
3 WINTER SOLSTICE - 2 PM
1/64" = 1'-0"



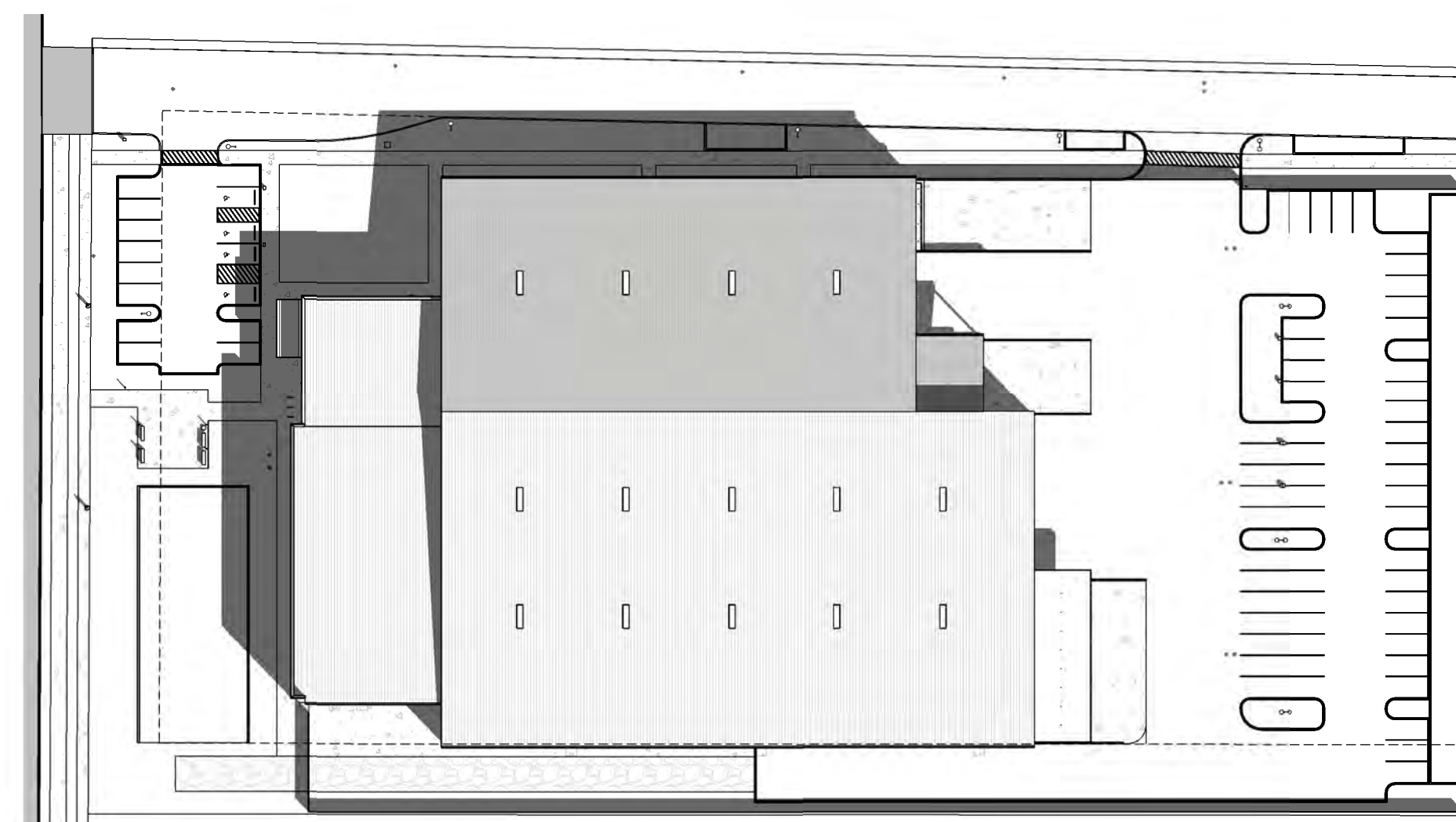
4 SUMMER SOLSTICE - 10 AM
1/64" = 1'-0"



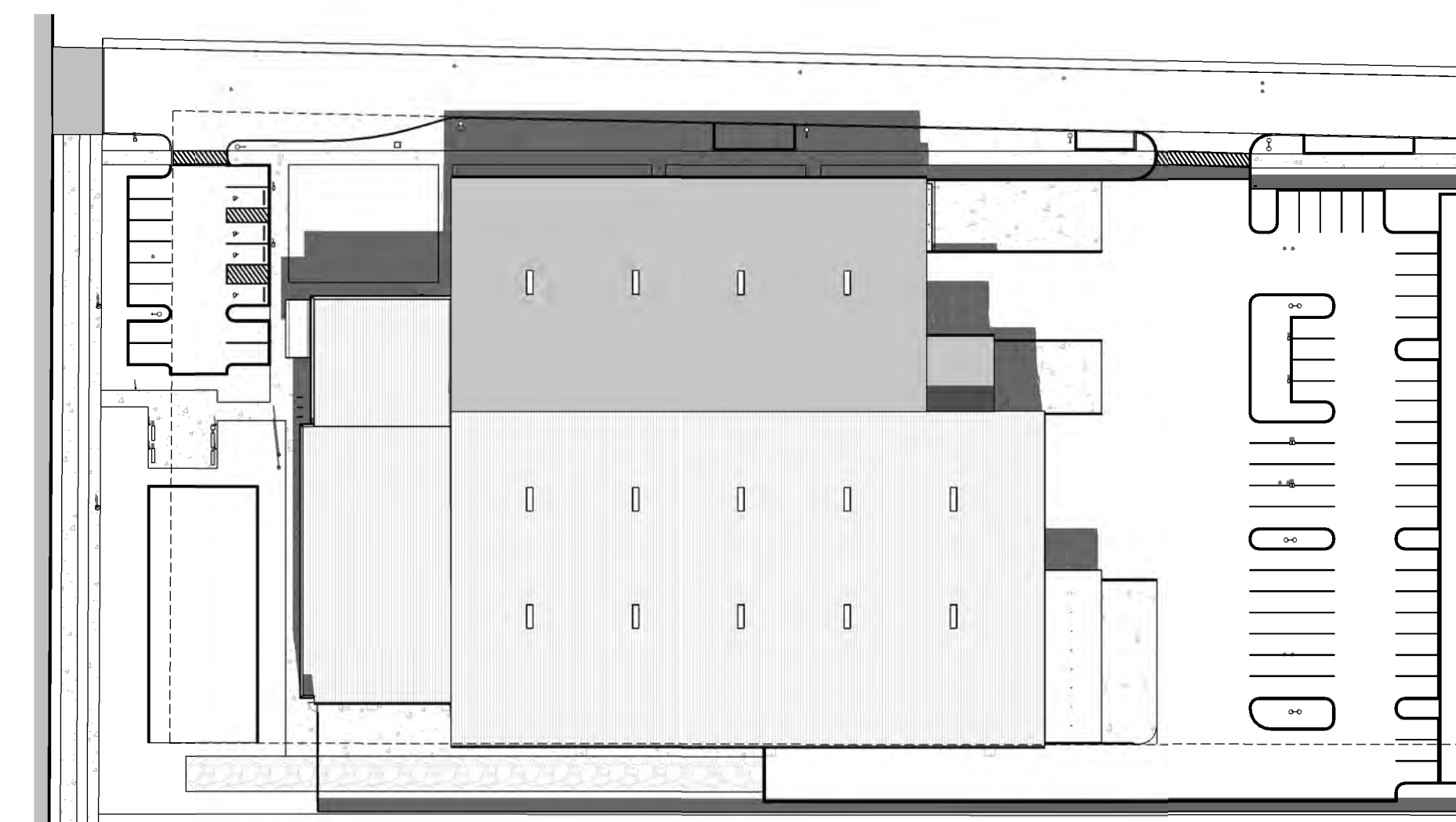
5 SUMMER SOLSTICE - 12 PM
1/64" = 1'-0"



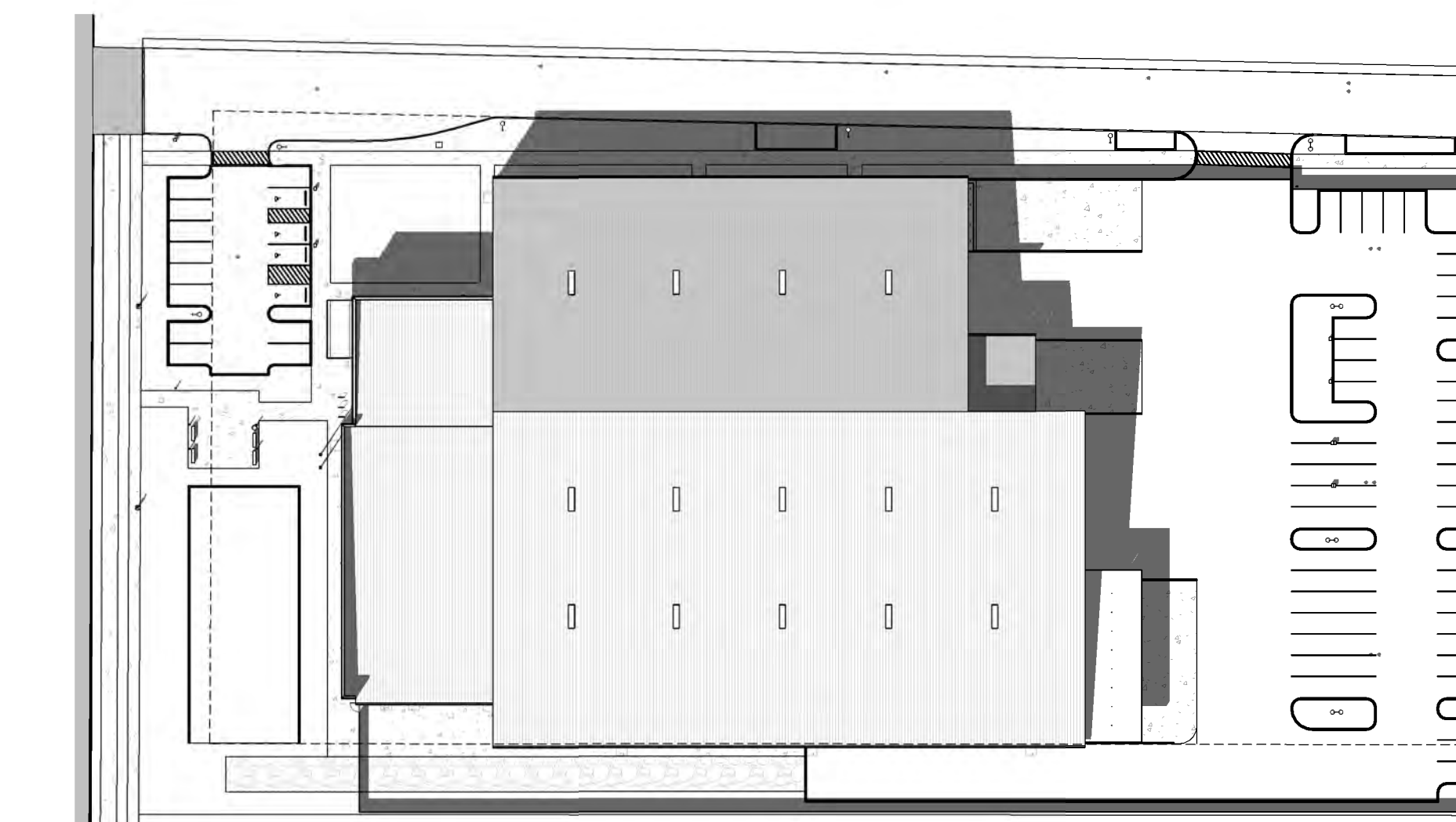
6 SUMMER SOLSTICE - 2 PM
1/64" = 1'-0"



7 SPRING/FALL EQUINOX - 10 AM
1/64" = 1'-0"



8 SPRING/FALL EQUINOX - 12 PM
1/64" = 1'-0"



9 SPRING/FALL EQUINOX - 2 PM
1/64" = 1'-0"

Client/ Owner:

**PRECISION
COUNTERTOPS**

26200 SW 95th Ave,
Wilsonville OR 97070

Project:

**PRECISION
COUNTERTOPS**

SW Garden Acres Road
Wilsonville OR 97070

Sheet Title:

**WAYSIDE
SUNLIGHT
STUDY**

Revisions:

#	Description	Date

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Date: 02/06/2023

Job Number: 121036

Sheet

GENERAL NOTES - FIRE RESPONSE

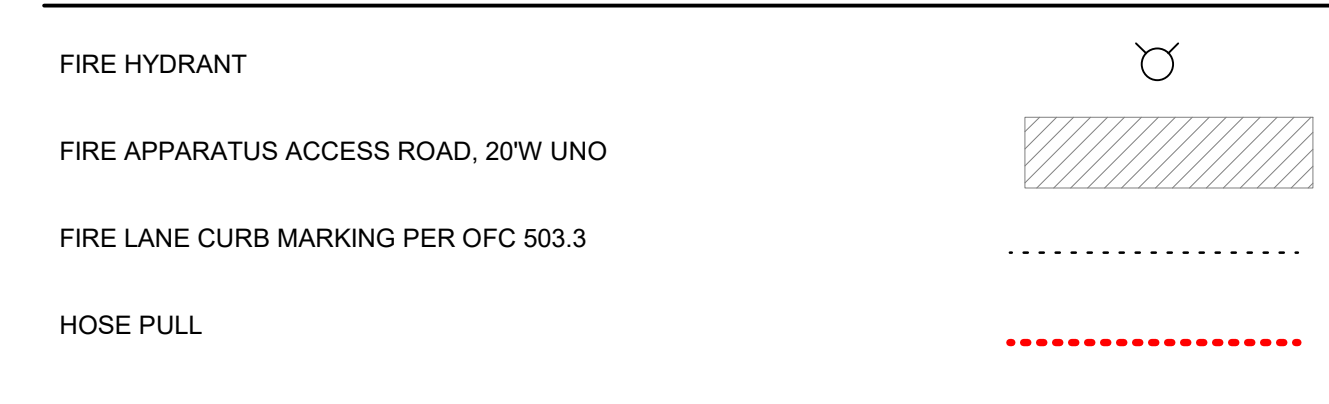
- APPROVED FIRE DEPARTMENT ACCESS ROADS, REQUIRED WATER SUPPLY, FIRE HYDRANTS AND SAFETY PRECAUTIONS SHALL BE MADE AVAILABLE PRIOR TO COMBUSTIBLE MATERIALS ARRIVING ON SITE.
- FIRE LANES SHALL BE DESIGNED WITH A UNIFORM ALL-WEATHER DRIVING SURFACE TO SUPPORT THE IMPOSED GVW OF 75,000 LBS WITH A WHEEL LOAD OF 12,500 LBS AND A VERTICAL CLEARANCE OF NOT LESS THAN 13'-0". GRADING SHALL NOT EXCEED 10%.
- WHERE REQUIRED BY FIRE MARSHAL, FIRE APPARATUS ACCESS ROADS SHALL BE MARKED WITH PERMANENT "NO PARKING - FIRE LANE" SIGNS COMPLYING WITH OFC APPENDIX D103.6. FIRE APPARATUS ACCESS ROADS 20'-26" WIDE SHALL BE POSTED ON BOTH SIDES, AND ON ONE SIDE WHERE 26'-32" FT WIDE.
- DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CU YD OR MORE SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FT OF COMBUSTIBLE WALLS, OPENINGS, OR COMBUSTIBLE ROOF EAVES UNLESS AREA IS PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM.
- ABOVE-GROUND GAS METERS, REGULATORS AND PIPING EXPOSED TO VEHICULAR DAMAGE DUE TO PROXIMITY TO ALLEYS, DRIVEWAYS OR PARKING AREAS SHALL BE PROTECTED IN AN APPROVED MANNER.
- 3 FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS. WHEN EXPOSED TO VEHICULAR DAMAGE, CONCRETE CURBING, SIDEWALKS OR 4-INCH CONCRETE FILLED BOLLARDS PLACED 3 FT FROM HYDRANTS SHALL SUITABLY PROTECT FIRE HYDRANTS. HYDRANTS SHALL BE COATED WITH APPROVED RED PAINT COLOR AND MARKINGS. FIRE EXTINGUISHERS SHALL BE INSTALLED THROUGHOUT THE FACILITY PER SECTION 906 OF THE FIRE CODE AND NFPA 10. THE SIZE AND DISTRIBUTION OF FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH SECTIONS 906.3.1 THROUGH 906.3.4. FIRE EXTINGUISHER RATING SHALL NOT BE LESS THAN A 2A:10BC. MAX UNOBSTRUCTED TRAVEL DISTANCE TO ANY APPROVED EXTINGUISHER SHALL NOT BE MORE THAN 75 FT.
- DELEGATED DESIGN NFPA 13 FIRE SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH OSSC 903.3.1.1 WILL BE A DEFERRED SUBMITTAL.
- PLANS FOR FIRE DEPARTMENT CONNECTION (FDC) INDICATING SHUT-OFF VALVES (W/V OR P/V) AND WATER VALVES FOR FIRE SUPPRESSION SYSTEMS SHALL BE SUBMITTED TO THE FIRE OFFICIAL FOR APPROVAL PRIOR TO CONSTRUCTION.

- FIRE SUPPRESSION CONNECTIONS, VALVES AND VAULTS SHALL BE INSTALLED IN REMOTE LOCATIONS AWAY FROM THE BUILDINGS PROTECTED.
- FIRE FLOW DEMAND PER OFC APPENDIX B:
 - PER TABLE B105.2, SECTION 903.3.1.1 DESIGN STANDARD:
 TABLE B105.1(2) - TYPE IIB, 85,071 SF:
 FIRE FLOW RATE: 2,750 GPM
 FIRE FLOW DURATION: 2 HRS
 TABLE B105.2 REQUIRED FIRE FLOW - SPRINKLERED PER IFC 903.3.1.1:
 FIRE FLOW REDUCTION: 2,750 GPM x 0.25 = 687.5 GPM
THE REDUCED FIRE FLOW RATE SHALL NOT BE LESS THAN 1,000 GPM
MIN. REQUIRED FIRE FLOW RATE = 1,000 GPM
MIN. REQUIRED FIRE FLOW DURATION = 2 HRS
- SIGNAGE NOTES:
 - PER OFC 509.1, ROOMS CONTAINING FIRE PROTECTION EQUIPMENT (AIR CONDITIONING SYSTEMS, FIRE SPRINKLER RISERS AND VALVES OR OTHER FIRE DETECTION, SUPPRESSION OR CONTROL ELEMENTS) SHALL BE IDENTIFIED IN AN APPROVED MANNER. REQUIRED SIGNS SHALL BE CONSTRUCTED OF DURABLE MATERIALS, PERMANENTLY INSTALLED AND READILY VISIBLE. SIGNAGE TO BE APPROVED PRIOR TO OCCUPANCY.
 - PER OFC 605.3.1 AND NFPA 20, DOORS INTO ELECTRICAL CONTROL PANEL ROOMS SHALL BE MARKED WITH A PLAINLY VISIBLE AND LEGIBLE SIGN STATING "ELECTRICAL ROOM". SIGNAGE TO BE APPROVED PRIOR TO OCCUPANCY.
 - PER OSC1011.4 A SIGN STATING "EXIT" IN RAISED LETTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR IN AN AREA OF REFUGE, EXTERIOR AREA FOR ASSISTED RESCUE, EXIT STAIRWAY, EXIT RAMP, EXIT PASSAGEWAY AND EXIT DISCHARGE.
 - FIRE DEPARTMENT ACCESS DOORS SHALL BE LABELED ON THE EXTERIOR SIDE WITH THE FOLLOWING SIGN OR OTHER APPROVED SIGN:

 FIRE DEPARTMENT ACCESS DOOR
DO NOT BLOCK

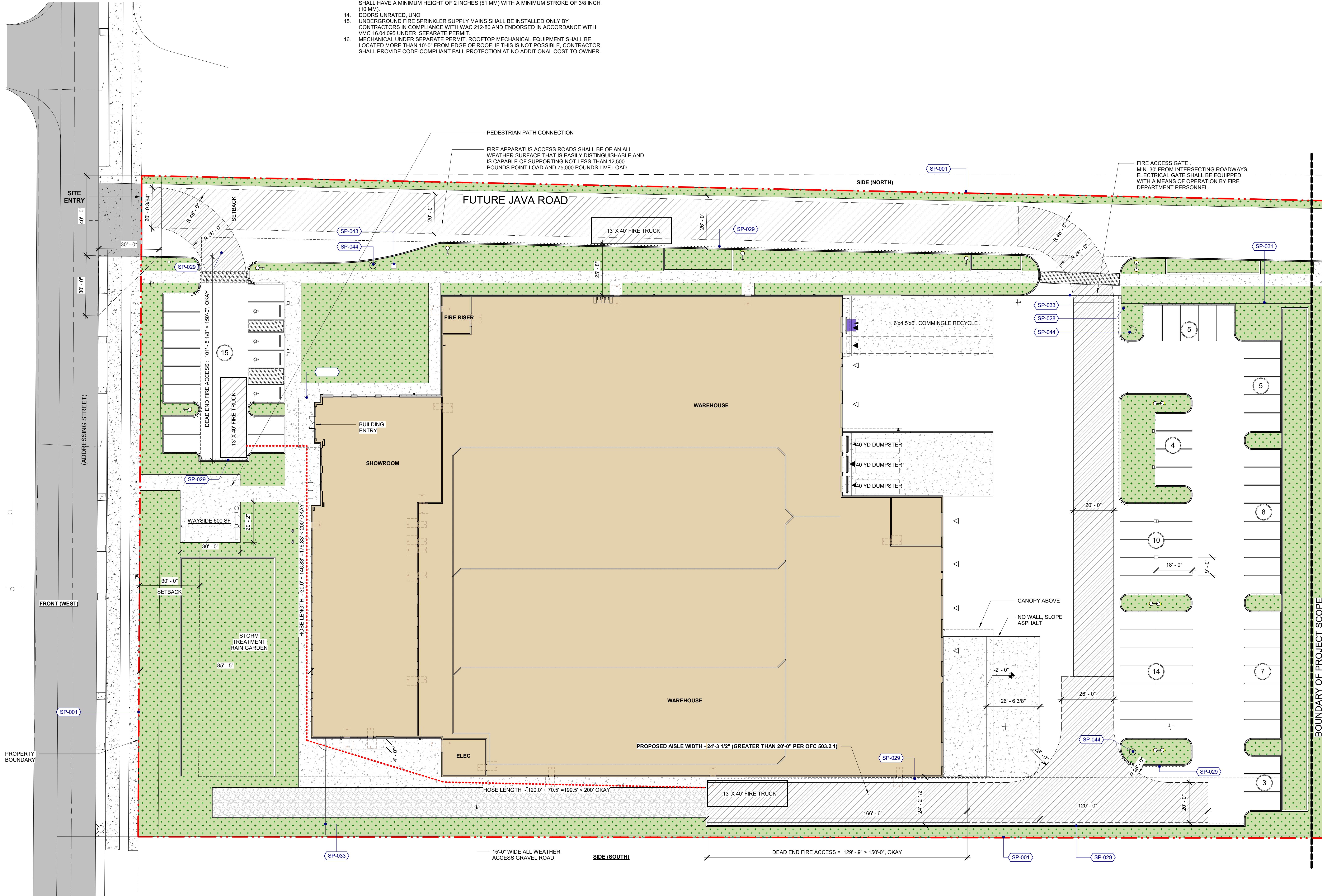
- THE LETTERING SHALL BE IN A CONTRASTING COLOR TO THE BACKGROUND. LETTERS SHALL HAVE A MINIMUM HEIGHT OF 2 INCHES (51 MM) WITH A MINIMUM STROKE OF 3/8 INCH (10 MM).
- DOORS UNRATED, UNO
- UNDERGROUND FIRE SPRINKLER SUPPLY MAINS SHALL BE INSTALLED ONLY BY CONTRACTORS IN COMPLIANCE WITH WAC 212-80 AND ENDORSED IN ACCORDANCE WITH WAC 16.04.085 UNDER SEPARATE PERMIT.
- MECHANICAL UNDER SEPARATE PERMIT, ROOFTOP MECHANICAL EQUIPMENT SHALL BE LOCATED MORE THAN 10'-0" FROM EDGE OF ROOF. IF THIS IS NOT POSSIBLE, CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FALL PROTECTION AT NO ADDITIONAL COST TO OWNER.

FIRE RESPONSE PLAN LEGEND



KEYNOTES

- SP-001 PROPERTY LINE
- SP-028 KNOX BOX COORDINATE FINAL LOCATION(S) WITH FIRE MARSHAL
- SP-029 FIRE LANE CURB PAINTED RED, MARKED "NO PARKING FIRE LANE" AT 20 FT INTERVALS AND CHANGES IN DIRECTION, WHITE LETTERING: 1" STROKE, 6" HIGH
- SP-031 FENCE, ORNAMENTAL BLACK BAR, 6'-0" H
- SP-033 GATE, ORNAMENTAL BLACK BAR, 20' W MIN CLR. ELECTRICAL GATES SHALL BE EQUIPPED WITH A MEANS FOR OPERATION BY FIRE DEPT PERSONNEL
- SP-043 FDC - COORDINATE LOCATION WITH FIRE MARSHAL
- SP-044 FIRE HYDRANT (N)



2 FIRE SERVICE SITE PLAN
1" = 20'-0"

MDG
ARCHITECTURE | INTERIORS
4875 SW Griffin Drive Suite 300
Beaverton OR, 97005
(503) 244-0552

TVFR
Tillamook Valley Fire & Rescue
APPROVED PLANS
APPROVAL OF PLANS IS NOT AN APPROVAL OF DESIGN OR CONSTRUCTION
DATE: 12/23/2022
BY: [Signature]

TVFR Permit# 2022-0031

FD Notes:

Building will be required to test for Emergency Responder Radio Coverage or opt into our Mobile Emergency Radio program (MERRC). If the MERRC option is chosen, fees will need to be paid to TVFR prior to the issuance of a Building permit OFC 510.

Fire Lane markings to be determined OFC 503.3.

Fire department final inspection required OFC 107.2.

Client/ Owner:
PRECISION COUNTERTOPS

26200 SW 95th AVE
WILSONVILLE OR
97070

Project:
PRECISION COUNTERTOPS

SW GARDEN ACRES ROAD
WILSONVILLE,
OREGON 97070

Sheet Title:
FIRE SERVICE SITE PLAN

Revisions:

#	Description	Date

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Date: 12/23/2022
Job Number: 121036
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