



City of Manzanita

P.O. Box 129
 Manzanita, OR 97130-0129
 Phone (503) 368-5343
 Fax (503) 368-4145
 building@ci.manzanita.or.us

LAND USE APPLICATION DEPARTMENT USE ONLY	
Permit No:	
Date Issued:	By:

SITE LOCATION:

ADDRESS:	
MAP AND TAX LOT:	
LOTS 3 AND 4, BLOCK 14, Manzanita Beach SE 1/4, NW 1/4, SECTION 29, T3N R10W	
ZONE:	
R-2	R-3
C-1	LC
R-4	SR-R
RMD	
TYPE OF WORK:	
Accessory Structure House or Mobile Home Multi-family dwellings Commercial, Industrial Tree Removal: No Charge	
TYPE OF APPLICATION:	BASE FEE:
Administrative Review	\$75.00
Accessory Structure, Minor Review	\$100.00
House or Mobile Home	\$250.00
Multi-Family Dwelling	\$250 + \$25/Unit
Commercial, Industrial, Other Projects	\$650.00
Variance	\$450.00
Partitions	\$500.00
Planned Unit Development	\$1,400.00
Subdivision	\$1,200.00
Lot Line Adjustment	\$125.00
Signs	\$75 + \$2 SQ/ FT
Conditional Use	\$625.00
Site Plan Review	\$625.00
Zone Change	\$625.00
Comprehensive Plan Amendment	\$1,000.00
Vacations	\$600.00
Temporary Permit	\$300.00
Annexation	\$1,000.00
Amendment to Urban Growth Boundary	\$1,000.00
Pre-Application Conference	\$225.00
Total:	\$650
+ 5% Tech. Fee:	\$32.50
Total Due:	\$682.50

REQUIRED INFORMATION:

APPLICANT:		
Name:		
Full Mailing Address:		
City:	State:	Zip:
Phone:		
Email:		
PROPERTY OWNER:		
Same as applicant? Yes No		
Name:		
Full Mailing Address:		
City:	State:	Zip:
Phone:		
Email:		
LICENSED PROFESSIONAL:		
Same as applicant? Yes No		
Business Name:		
Address:		
City/State/Zip:		
Phone:	Fax:	
E-mail:		
license no.:	City Lic. No.:	
Contact Name:	Phone #:	
REQUIRED DOCUMENTS FOR APPLICATION		
Required documentation to be determined by Staff.		

INTRODUCTORY NARRATIVE 220 LANEDA AVE – WEST LOT

Date: 07/07/2022
To: City of Manzanita
From: Bob Carbaugh, AIA (Scott Edwards Architecture)
Job: Steeplejack Manzanita - West Lot (220 Laneda Ave, Manzanita, OR)
Re: Land Use Review – Introductory Narrative

Harder Holdings Coastal, LLC (Owner) is developing this site with a street-facing retail business component and a secondary lodging function at the rear of the property. The retail business opens out onto a lowered courtyard with bocce ball court and connects via stair to a small rooftop garden and seating area. Access to the lodging is achieved by an accessible path from the NW corner of the site that leads through the courtyard.

A driveway straddling the property line is dedicated by easement for maintenance access to the utility services at the rear of the adjacent lot and for reaching the dedicated Lodging parking lot. The parking lot located on the adjacent site is dedicated by easement for the Lodging function of this property and is not provided for restaurant or retail use. Full code analysis is provided on the architectural site plans.

Both this site and the adjacent lot are being designed at the same time and by the same design and construction teams. To streamline this process for our internal coordination purposes and to facilitate easy distinction within our document sets, the lots are differentiated by means of an alphabet character suffix: West Lot “A” and East Lot “B”. This suffix is attached to certain drawing sheets and referenced throughout the Land Use and upcoming Permit documentation.



Stormwater Calculations

Steeplejack Manzanita

220 Laneda Avenue

Manzanita, OR 97130

DCI Job Number 21032-0039

June 29, 2022





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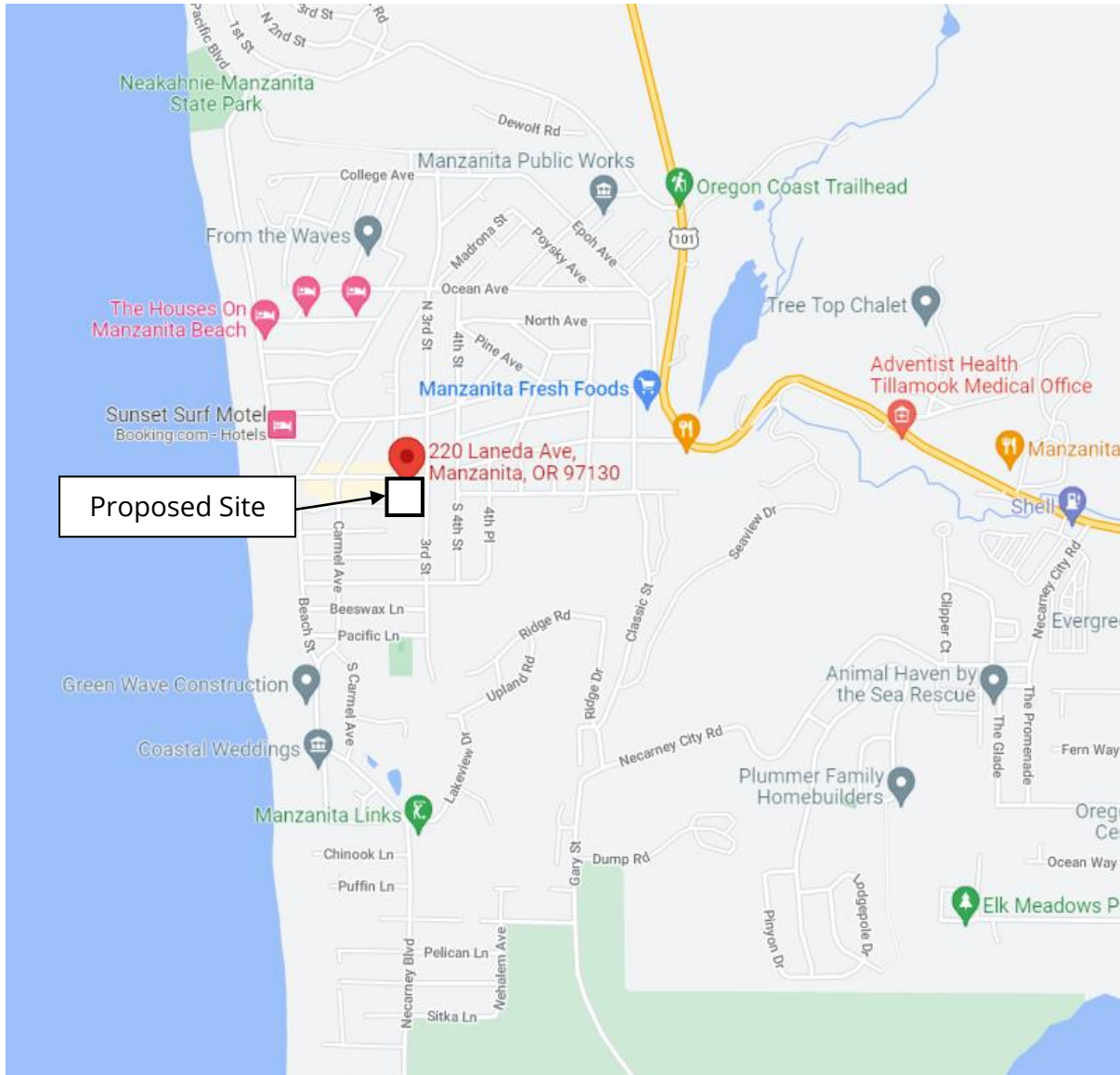
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B. City of Manzanita Stormwater Requirements.....	B1 – B7



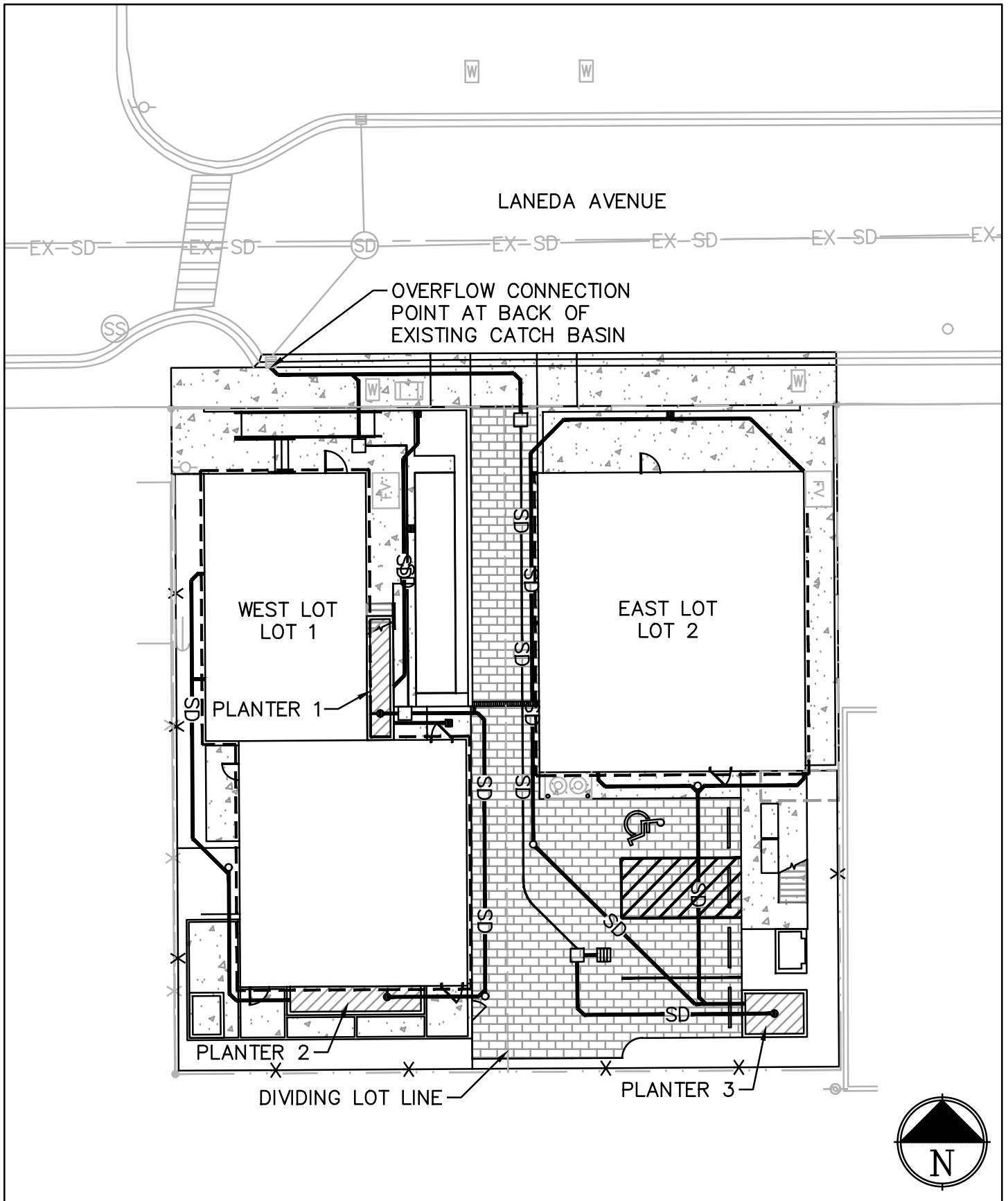
Section I: Background Information

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Section I-1 Vicinity Map



21032-0039_STRM-EXHIBIT.DWG



SECTION 1-2
SITE MAP
SCALE: 1"=20'



Section I-3: Project Information

The Steeplejack Manzanita project is located in Manzanita, Oregon and borders Laneda Avenue to the north, and a mix of commercial and residential areas to the west, south, and east. This report contains information for the onsite stormwater improvements, including stormwater quality and quantity control systems. The proposed development will consist of two lots that are being constructed simultaneously.

The two proposed lots being developed are divided evenly and in this report are referenced as a western lot and an eastern lot. The western lot is proposed to be an ice cream store with air bnb units connected to the south of the storefront. The western lot building is also designed to have sidewalks, ramps, patios, a bocce ball court, and part of a permeable pavement area. The eastern lot is proposed to be a restaurant for Steeplejack Brewing. The lot is also designed to have sidewalks, a patio, and a permeable pavement parking area. Stormwater for the site is designed to capture, treat, and retain within the boundaries of the separate lots.

The existing condition of the site was a residential house with an asphalt driveway. The site had low vegetation and a couple trees, as well. The site development is not planning to retain any of the existing structures or vegetation within the lot boundary. The elevation of the site varies, with the street frontage at the northeast corner being a high point and the grassy area at the southwest being a low point.

The City of Manzanita has a Stormwater Master Plan, dated December 2020, that is used for these calculations. In addition, the City has provided standards for stormwater treatment during the preliminary stages of design that emphasized the retention of stormwater on site. The sizing of the infiltration basins in these calculations are based upon the City standards.

For retention of stormwater, the site utilizes stormwater planters, with above ground storage to assist in detaining runoff prior to infiltration. The site has been tested and found to have high groundwater table, so aboveground infiltration planters were designed.



Section I-4: Stormwater Narrative

The proposed project is divided into two lots with separate stormwater facilities. Stormwater design and analysis has been performed for each individual basin within the separate sites. Stormwater facilities for both lots are comprised of stormwater planters.

West Lot

The west lot is divided into two separate basins, with two stormwater planters (planters 1 and 2). The northern planter, planter 1, captures the northern ice cream store roof, the ice cream patio, and the entirety of the central driveway between the two lots. The southern planter, planter 2, captures the remaining roof for the air bnb units and the southern patio.



Both planters have overflow catch basins, with rim elevations designed above the detention requirement elevation for the facility. The overflow catch basins are designed as a safety overflow to prevent the building from receiving any flooded waters for larger storm events or clogging. Each overflow catch basin is designed to capture overflow stormwater only and discharge to a sump pump, which pumps the overflow discharge to the northern Street, Laneda Avenue, for public street connection.

East Lot

The east lot is comprised of a single stormwater planter (planter 3). The east lot planter, planter 3, captures the entirety of the Steeplejack Brewery Restaurant, the front patio area, and the back sidewalk area. Most of the parking field is also in the eastern lot, but is comprised of permeable pavers, which act as a pervious surface.

Planter 3 also has an overflow catch basin, similar to planters 1 and 2, and acts in a similar way as a safety overflow.

There is also a portion of the drivable area within both the western and eastern lots. The pavement is designed to be made of permeable pavers, which allow stormwater to flow through to the native soil beneath the pavement directly. Due to the pervious nature of the permeable pavers, the stormwater runoff is not captured for this area directly, but there is an overflow catch basin in the parking field to allow stormwater to be captured and discharged from the site during higher level storm events.



The site soil is comprised of mostly sandy silts with few fines, per the geotechnical report. These soil conditions are ideal for drainage. High groundwater on the site is the primary reason for not adding in drywells, as a drywell would be within the Department of Environmental Quality (DEQ) minimum requirements for separation between an underground injection control (UIC) drywell and the groundwater level.

Conveyance

The site is designed to capture and retain stormwater runoff per the City of Manzanita Standards. The lines around the site are at a 2% slope, minimum, or are a pressurized 2" line with pump structures. The pressure lines are designed to limit the number of cycles to a reasonable rate. The building gravity roof runoff lines meet the Oregon Plumbing Specialty Code requirements for size and slope.

Stormwater Quality Control

The site does not have any pollution-generating surfaces; only impervious surfaces such as roofs and sidewalks. The only potential pollution-generating surfaces on site are the drivable areas with permeable pavers, so water quality requirements are not needed for these areas. In the case of a spill or other chemical or dangerous hazard, an immediate maintenance response shall be performed by the Owner or designated maintenance party.

Stormwater Quantity Control (Retention)

The stormwater infiltration planters for both the west and eastern lots are designed to retain stormwater and infiltrate it into the ground. Volumetric design for the stormwater infiltration planters are based on the City of Manzanita requirements (see appendix B). For design, the stormwater storage capacity required is equal to 1 cubic foot for every 44 square feet of impervious surface. Design calculations below show the respective basins 1, 2, and 3 with impervious areas, required volumes, and provided volumes in each infiltration planter.

Site Basin Summary

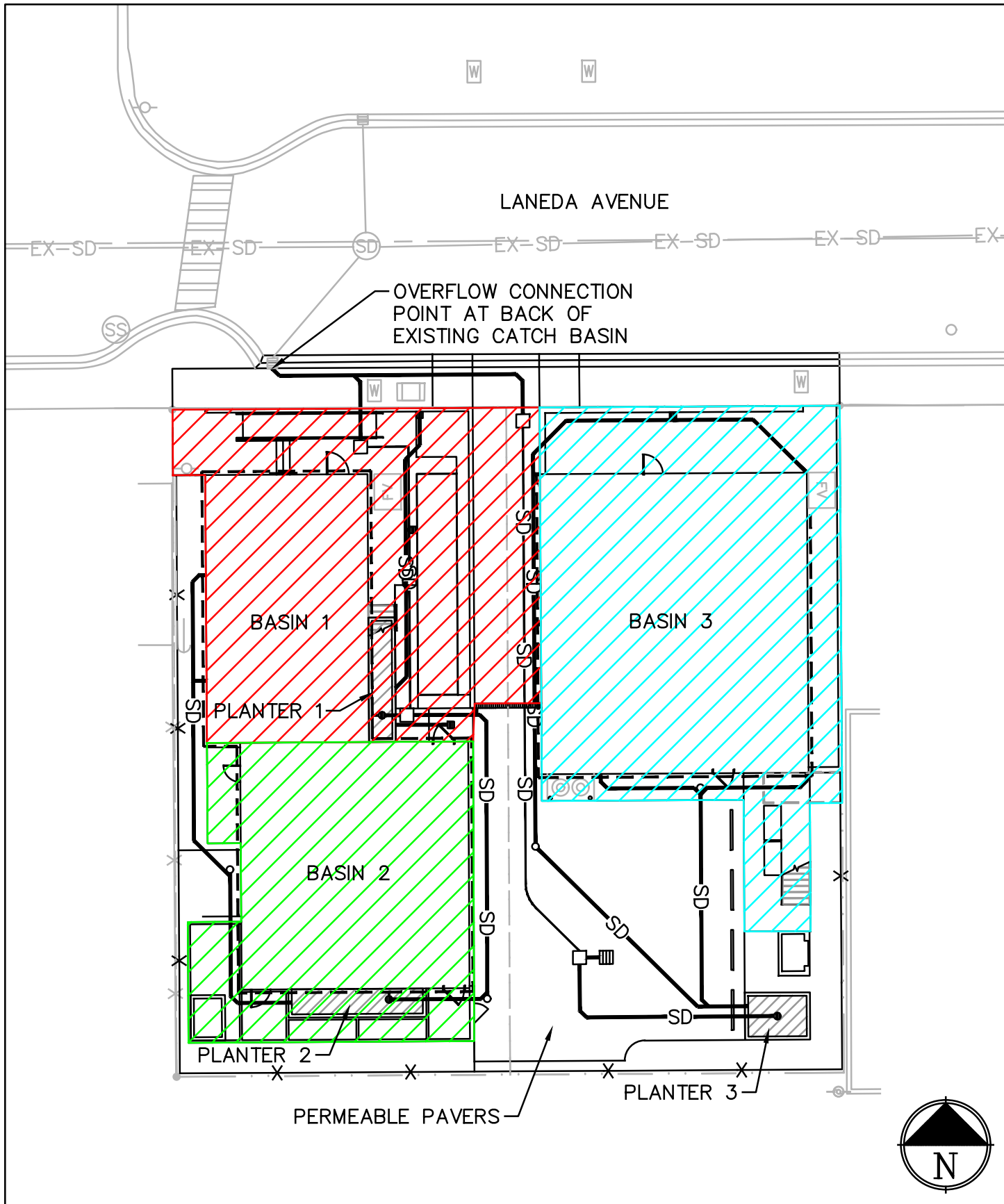
Stormwater Basin	Contributing Impervious Area (sf)	Volume Required (cf)	Volume Provided (cf)
Basin 1 (Planter 1)	1,661	37.75	53 cf (3' x 17' x 1' deep facility)
Basin 2 (Planter 2)	1,764	40.09	73 cf (3.75' x 19.6' x 1' deep facility)
Basin 3 (Planter 3)	2,796	63.55	65 cf (8.75' x 6' x 1.25' deep facility)



Section II: Stormwater Design Information

1. Street Drainage Basin Map	1
2. Planter Sizing.....	2

21032-0039_STRM-BASN.DWG



STORMWATER BASIN MAP

SCALE: 1"=20'

Sizing Stormwater Planter Facilities in Manzanita

City requirement (from document labeled "reference documents")
 1 cubic foot required for every 44 sf of impervious surface.

Areas					
<u>West side - North Building</u>		<u>West side - South Building</u>		<u>East side</u>	
Building	1078	Building	1288	Building	1800
Sidewalk	583	Sidewalk	476	Sidewalk	996
Pavement	Assumed 0 sf	Pavement	Assumed 0 sf	Pavement	Assumed 0 sf
Total	1661	Total	1764	Total	2796
Required Volume	37.8	Required Volume	40.1	Required Volume	63.6

Stormwater Planter Provided Dimensions					
<u>West Side</u>		<u>East Side</u>		<u>East Side</u>	
Assume 1' depth		Assume 1' depth		Assume 1.25' depth	
Width	3	Width	3.75	Width	8.75
Length	17.67	Length	19.6	Length	6
Provided Volume	53.01	Provided Volume	73.5	Provided Volume	65.6



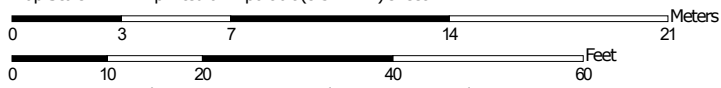
Appendix

A. Soil Survey and Hydrologic Classification.....	A1 – A4
B. City of Manzanita Stormwater Requirements.....	B1 – B7

Hydrologic Soil Group—Tillamook County, Oregon



Map Scale: 1:242 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points

 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available


Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Tillamook County, Oregon
 Survey Area Data: Version 14, Oct 27, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 28, 2020—Jun 22, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
11D	Netarts fine sandy loam, 5 to 30 percent slopes	A	0.3	100.0%
Totals for Area of Interest			0.3	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Drywell & Infiltration System Standards

for the
City of Manzanita,
Tillamook County, Oregon

Prepared 11/30/01
by the
City of Manzanita & HLB & Associates, Inc.

Revised 6/04/04

OVERVIEW

The intent of this standard is to prevent/minimize water runoff from an owner's developed or manipulated property onto adjoining properties.

Manzanita Zoning Ordinance – Section 4.155

The grading and contouring of the site, and on site drainage facilities, shall be designed so there is no adverse affect on neighboring properties or public rights-of-way.

Manzanita Comp Plan – Page 27, #4

All roof drains will be required to flow into properly constructed drywells, except in areas where it can be shown that the water table is too high for this to be done effectively, in which case other methods shall be employed. Lot coverage may be reduced and roof drains may be piped into adequate culverts. Roof drains are not to be connected to sanitary sewer lined.

Any combination of approved procedures is acceptable.

See Standard Details attached hereto for installation requirements.

Stormwater storage capacity required - 1 cubic foot for every 44 square feet of impervious surface.

A simplified formula for calculating amount of pipe is needed, if using a perforated pipe system. Length of pipe needed to equal 1 cubic ft. of retention.

$$144 \div 3.14 (\text{radius in inches})^2$$

Any system used shall be installed below native/unfilled ground, when constructed on downhill side of sloping lots.

INDEX

<u>Sheet No.</u>	<u>Subject</u>
1	Procedure
2	Retention pond detail
3	Example of drywell system
4	Sediment basin & barrel details
5	Infiltrator chamber for driveways - detail
6	Permit and procedure for construction

PROCEDURE FOR INSTALLATION AND ACCEPTANCE OF STORMWATER SYSTEM

New Construction:

1. Include drywell/stormwater detail in building plans during plan review.
2. Obtain appropriate permits before commencing work.
3. Utility Locate required by law – before digging call 1-800-332-2344
4. The City of Manzanita shall inspect and approve the installed system prior to backfill.
Notify the City of Manzanita 24 hours in advance for required inspection.
5. Deviation from Standard requires written approval from Manzanita Public Works.

*** Retention ponds are an acceptable method and are encouraged.**

Additions / Remodels:

1. During plan review, include documentation of current system with regards to capacity and ability to accommodate increased load.
2. If unable to document current system capacity, provide new system for increased load.
3. Obtain appropriate permits before commencing work.
4. Utility Locate required by law – before digging call 1-800-332-2344
5. The City of Manzanita shall inspect and approve the installed system prior to backfill.
Notify the City of Manzanita 24 hours in advance for required inspection.
6. Deviation from Standard requires written approval from Manzanita Public Works.

*** Retention ponds are an acceptable method and are encouraged.**

Retention Ponds

Retention ponds are an accepted form of stormwater control and are encouraged. If above surface retention ponds are used, clean out boxes are not required. Ponds may be planted and manipulated as long as the drainage aspect of the pond is not compromised.

Pond volume is calculated from the bottom of the inlet pipe.

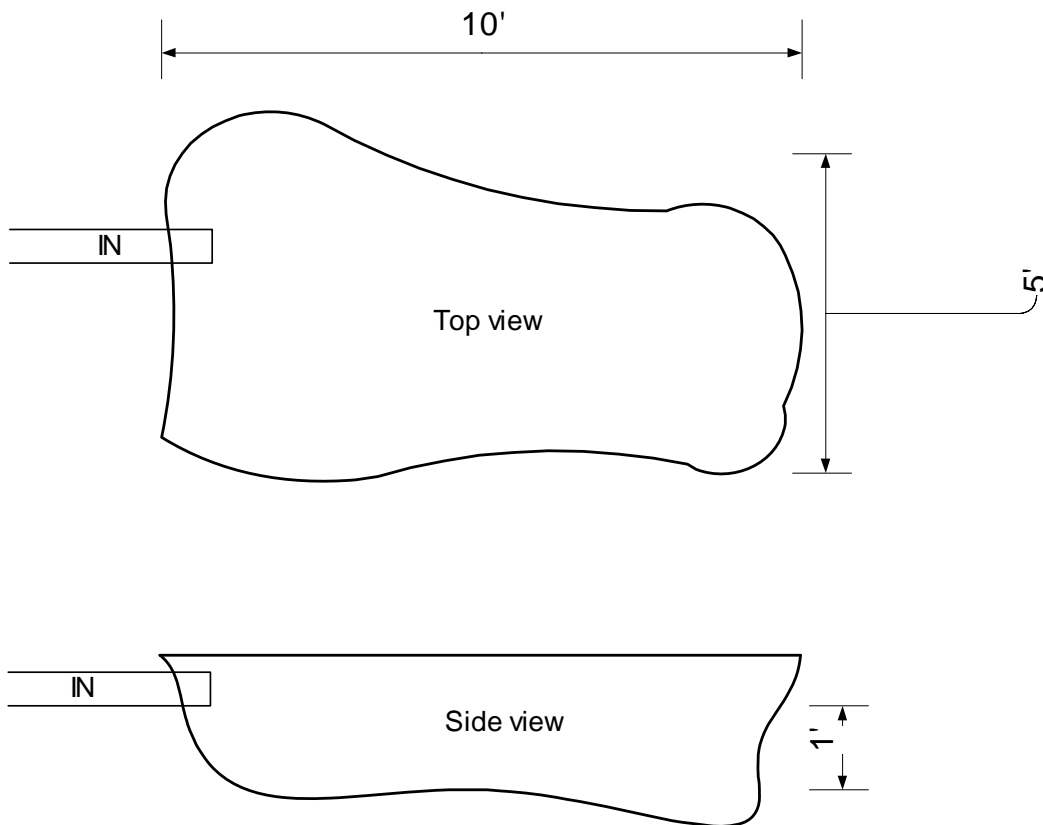
As with the barrel system, edge of ponds shall be at least 5' from the property line.

Pond construction does not need to be exactly as drawn provided it is as large or larger than the plan states.

Example pond - The pond below is approximately 10' x 5' x 1' (50 cubic feet). This size pond would service a structure with 2,187 square feet of impervious surface.

Square footage of impervious surface divided by 44 = required cubic feet of storage

$$2,187 / 44 = 49.70$$



EXAMPLE:

DRIVEWAY AREA * 200 SQ. FT.
 HOUSE ROOF AREA * 1500 SQ. FT.
 CONCRETE PATIO OR SIDEWALK AREA * 0 SQ. FT.
 TOTAL IMPERVIOUS AREA * 1700 SQ. FT.

FOR NON-TRAFFIC AREA INSTALLATION, INSTALL ONE 55 GALLON BARREL FOR EVERY 350 SQ. FT. OF IMPERVIOUS SURFACE:
 1700/350 = 5 BARRELS

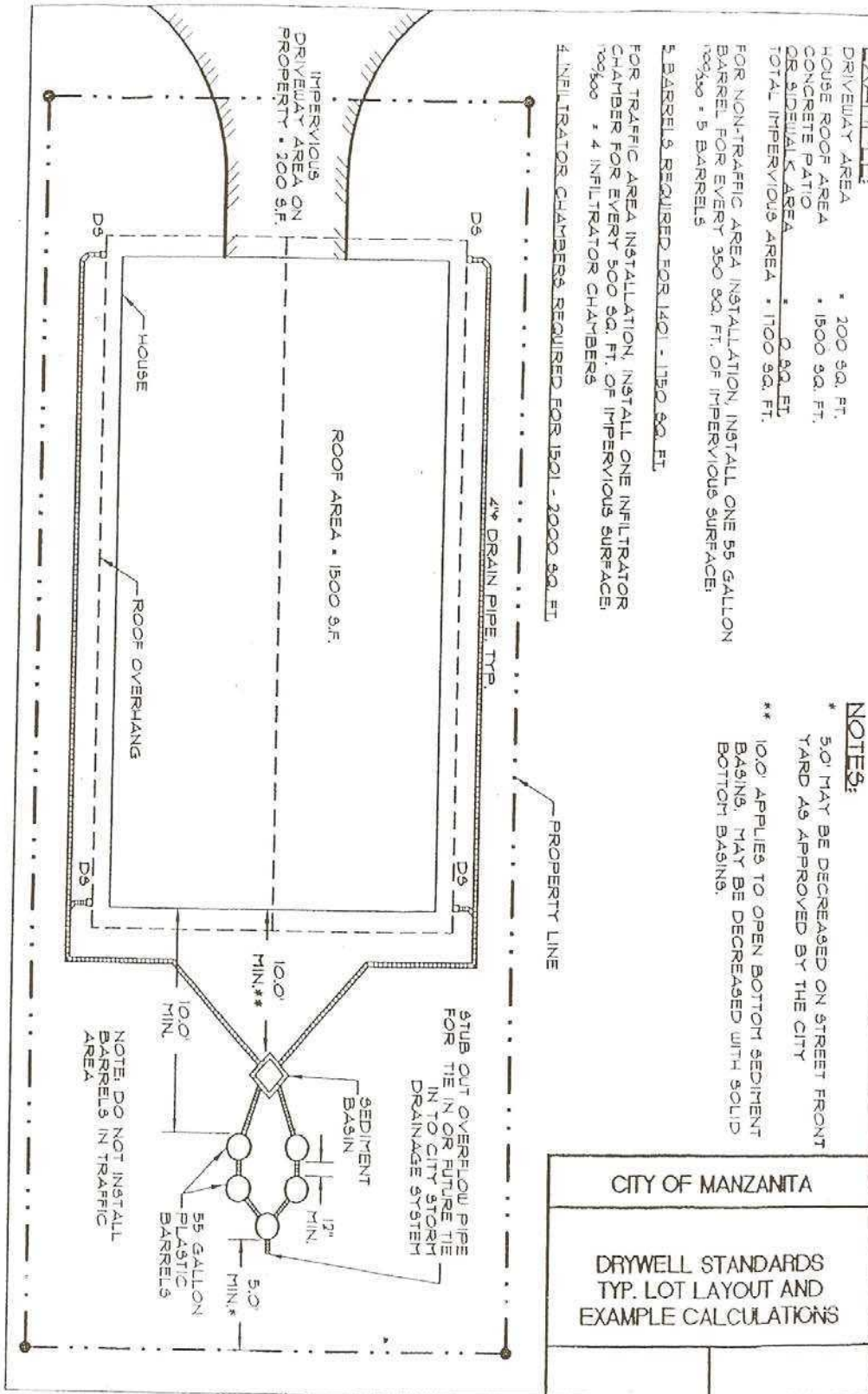
5 BARRELS REQUIRED FOR 1700 - 1750 SQ. FT.

FOR TRAFFIC AREA INSTALLATION, INSTALL ONE INFILTRATOR CHAMBER FOR EVERY 500 SQ. FT. OF IMPERVIOUS SURFACE:
 1700/500 = 4 INFILTRATOR CHAMBERS

4 INFILTRATOR CHAMBERS REQUIRED FOR 1500 - 2000 SQ. FT.

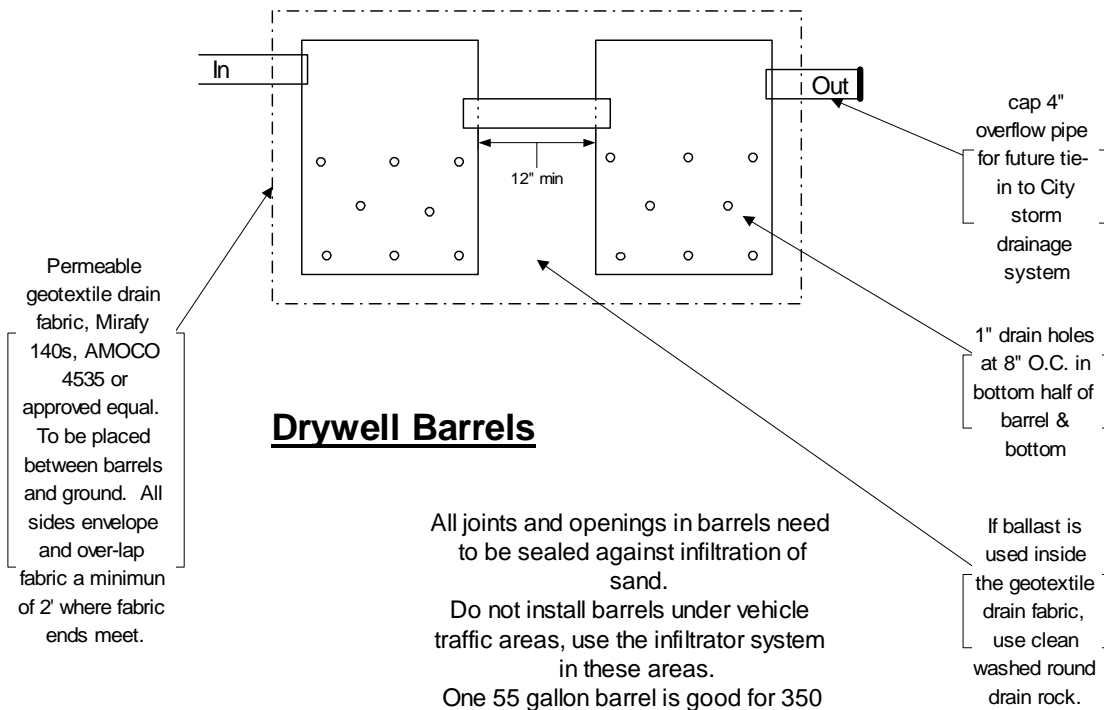
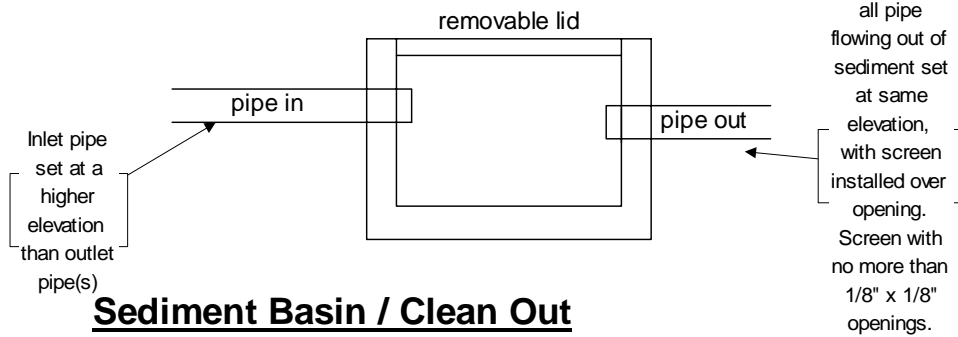
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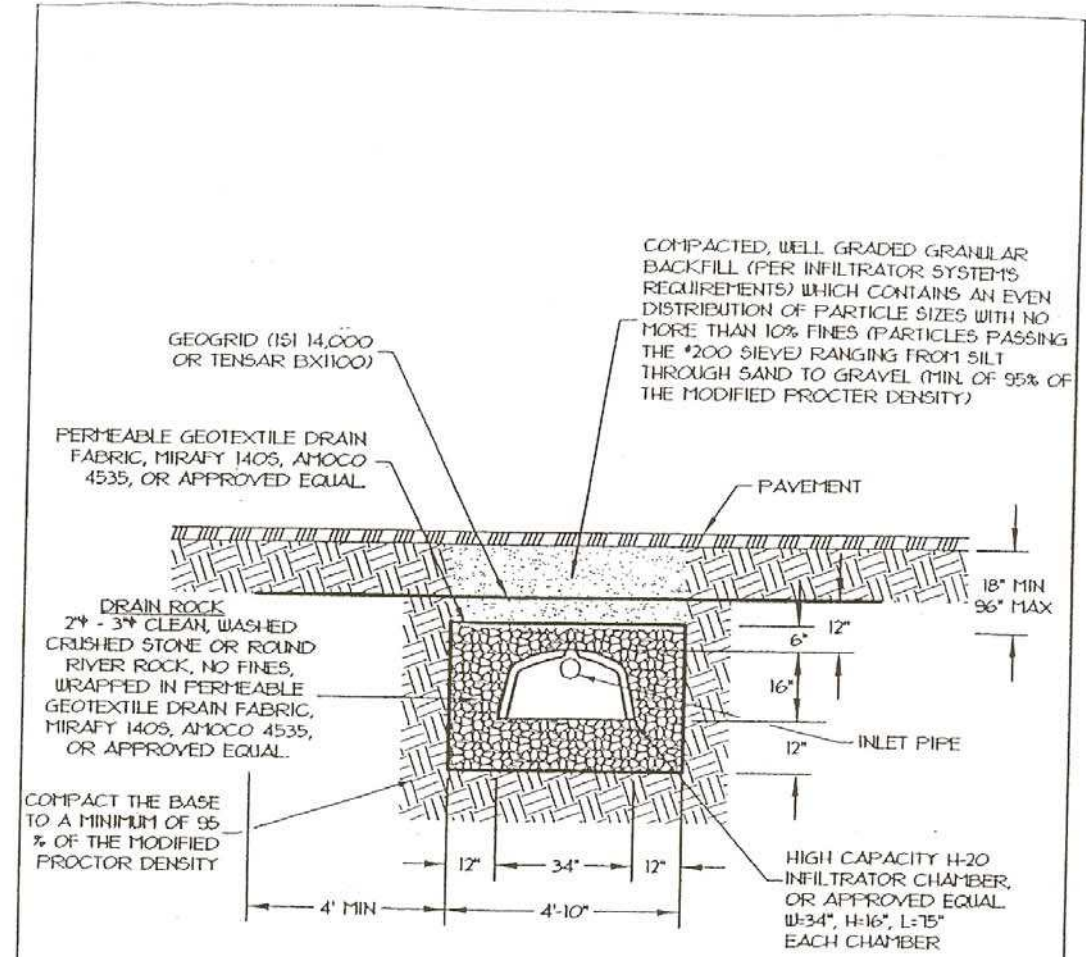
- * 5.0' MAY BE DECREASED ON STREET FRONT YARD AS APPROVED BY THE CITY
- ** 10.0' APPLIES TO OPEN BOTTOM SEDIMENT BASINS, MAY BE DECREASED WITH SOLID BOTTOM BASINS.



Sediment basin

Inside dimensions approximately 12" x 12" or larger.
 Installed with removable lid flush with or higher than surrounding ground.
 Bottom is optional





NOTE: GEOGRID MUST OVERLAP ON ITSELF AT LEAST 2' WHEN USING MORE THAN ONE ROLL.

1
3

INFILTRATOR CHAMBER DETAIL

NO SCALE

CITY OF MANZANITA	
DRYWELL STANDARDS TYP. INFILTRATOR CHAMBER	



ADJACENT LOT UNDER SEPARATE LAND USE REVIEW AND PERMIT.

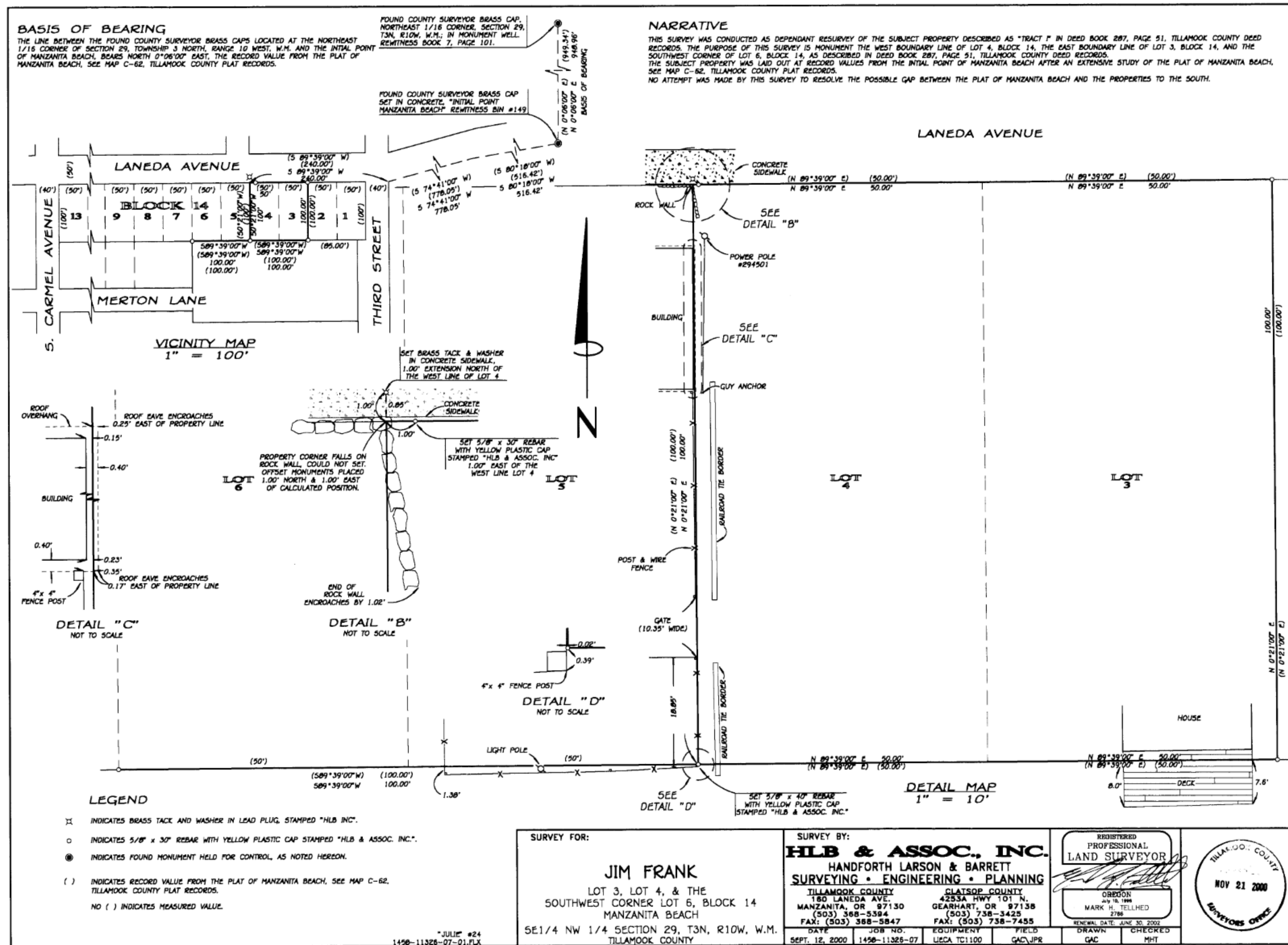


PROJECT SITE (WEST LOT)

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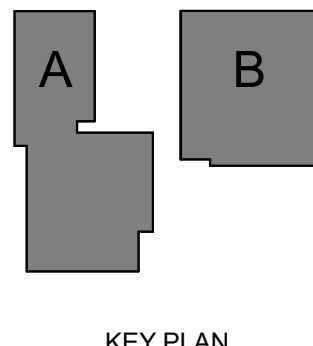
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2022-8



THESE DRAWINGS ARE THE ORIGINAL UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED OR USED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

1 SURVEY INCLUDED FOR REFERENCE
12" = 1'-0"



**STEEPLEJACK
MANZANITA**
Job Number: 21119
220 LANEDA AVE
MANZANITA, OR, 97130

Issue _____ Date _____
Drawing: SURVEY

Sheet No: SURV

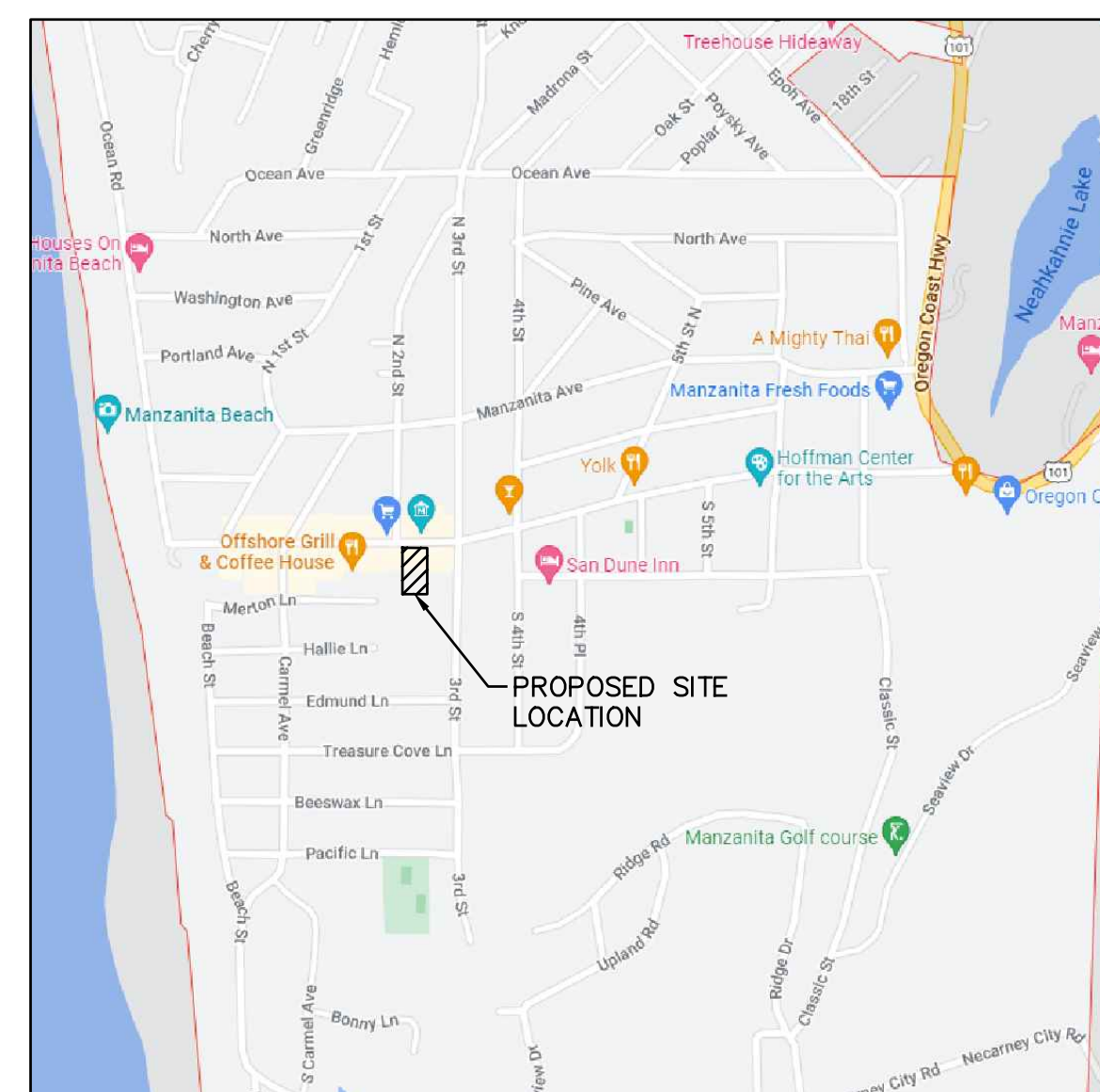
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STEEPLEJACK AT MANZANITA

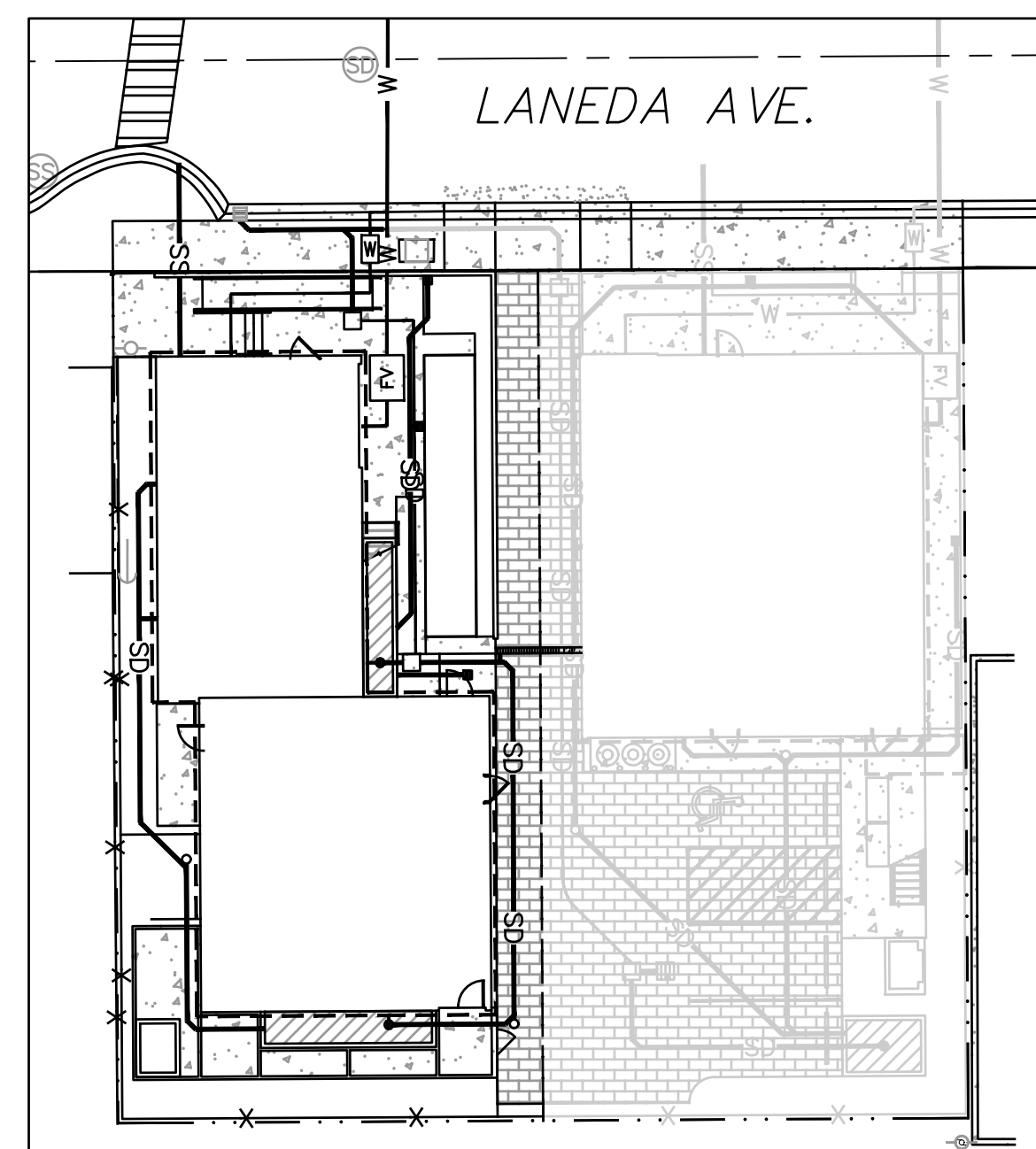
MANZANITA, OR

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THESE DRAWINGS ARE THE ORIGINAL UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED OR USED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.



VICINITY MAP
NOT TO SCALE



SITE MAP
SCALE: 1" = 20'

GENERAL CONSTRUCTION NOTES:

- UNLESS SPECIFICALLY EXCEPTED IN THE PLANS OR CONTRACT DOCUMENTS, ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND PLANS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PROMULGATED BY THE OREGON STATE DEPARTMENT OF TRANSPORTATION AND THE CITY OF MANZANITA MUNICIPAL CODE.
- THE PLANS ARE SCHEMATIC AND ARE NOT INTENDED TO DEPICT ALL DETAILS OF THE WORK REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE TO FAMILIARIZE HIMSELF WITH ACTUAL SITE CONDITIONS, REQUIREMENTS AND FACTORS AFFECTING THE WORK. WHERE LACK OF DETAIL OR CONFLICT EXISTS BETWEEN THESE AND OTHER PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER TO RESOLVE THE ISSUE PRIOR TO PROCEEDING. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER.
- THIS PLAN MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT (811) BEFORE YOU DIG. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION. IN THE CASE WHERE RELOCATION IS REQUIRED, THE APPLICABLE UTILITY COMPANY SHALL BE NOTIFIED AND ANY COST REQUIRED FOR RELOCATION OR ADJUSTMENTS SHALL BE AGREED UPON.
- THE ENGINEER HAS ATTEMPTED TO SHOW ALL EXISTING UNDERGROUND UTILITIES AND STRUCTURES. APPEARANCE ON THESE PLANS, HOWEVER, DOES NOT GUARANTEE THE ACCURACY AND COMPLETENESS OF THE LOCATION OR EXISTENCE OF THESE UTILITIES AND/OR SUBSTRUCTURES. THE CONTRACTOR IS REQUIRED TO TAKE ALL REQUIRED PRECAUTIONARY MEANS TO LOCATE AND PROTECT ALL EXISTING UTILITIES AND SUBSTRUCTURES WHETHER SHOWN OR NOT, PRIOR TO EXCAVATION IN ANY AREA. THE CONTRACTOR SHALL MEET AT THE JOB SITE WITH REPRESENTATIVES OF THE UTILITY DISTRICTS, COMPANIES, AND OTHER OWNERS THAT MAY HAVE EXISTING FACILITIES AT THE SITE, AND DISCUSS THEIR PROTECTION.
- THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO HAS THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR, AT THE JOB SITE DURING ALL WORKING HOURS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND APPROVALS FROM THE CITY OF MANZANITA, AND OTHER JURISDICTIONS PRIOR TO THE START OF CONSTRUCTION. ABSENCE OF THE PERMIT MAY RESULT IN IMMEDIATE SHUT DOWN OF WORK AND POSSIBLE REMOVAL OF THE ITEMS CONSTRUCTED WITHOUT A PERMIT.
- THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER WITH RECORD DRAWINGS PRIOR TO FINAL APPROVAL. ALL DEVIATIONS FROM THE ORIGINAL PLANS MADE DURING THE COURSE OF THE CONSTRUCTION INCLUDING LOCATION, INVERTS, AND DEPTHS OF UTILITIES SHALL BE CLEARLY MARKED ON THE RECORD DRAWINGS. THE ENGINEER SHALL PROVIDE THE CITY ENGINEER WITH "RECORD DRAWINGS" AS REQUIRED.
- THE SURVEY IS FOR INFORMATIONAL PURPOSES ONLY. NO CERTIFICATIONS ARE EXPRESSED OR IMPLIED. THE SURVEY WAS PROVIDED BY HHPR.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER, THE DESIGN SHOWN, AS DETAILED OR CALLED OUT IN THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR BEING FAMILIAR WITH THE PROVISIONS AND REQUIREMENTS CONTAINED IN THE STANDARD SPECIFICATIONS.
- IF CONSTRUCTION IS TO TAKE PLACE IN PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY THE GOVERNING MUNICIPALITY (CITY OF MANZANITA OR ODOT) AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED. PRIOR TO DISRUPTION OF ANY TRAFFIC, A TRAFFIC PLAN SHALL BE PREPARED AND SUBMITTED TO THE GOVERNING MUNICIPALITY FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY OF MANZANITA PRIOR TO THE START OF CONSTRUCTION.
- ANY CHANGES TO THE DESIGN SHALL FIRST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER AND THE CITY OF MANZANITA.
- ALL TESTING SHALL BE IN ACCORDANCE WITH THE ODOT STANDARD SPECIFICATIONS (LATEST EDITION).
- THE CONTRACTOR SHALL REMOVE ALL WASTE MATERIAL IN A SAFE AND APPROVED MANNER.
- REFER TO THE REPORT OF GEOTECHNICAL ENGINEERING SERVICES FOR STEEPLEJACK BREWING - MANZANITA, BY NVS, DATED 01-20-2022.

SHEET INDEX

SHEET #	SHEET TITLE
C0.00A	CIVIL COVER SHEET - WEST
C1.00A	EXISTING CONDITIONS AND DEMOLITION PLAN - WEST
C2.00A	SITE LAYOUT PLAN - WEST
C2.10A	SITE LAYOUT DETAILS - WEST
C3.00A	GRADING PLAN - WEST
C4.00A	UTILITY PLAN - WEST
C4.10A	UTILITY DETAILS - WEST
C5.00A	STORMWATER PLAN - WEST
C5.10A	STORMWATER DETAILS - WEST
C9.00A	EROSION CONTROL PLAN - WEST
C9.10A	EROSION CONTROL DETAILS - WEST

LEGEND

EX. STORM LINE	—EX-SD—	FIRE HYDRANT	
EX. SANITARY SEWER LINE	—EX-SS—	FIRE DEPT. CONNECTION	
EX. WATER LINE	—EX-W—	WATER METER	
EX. FIRE WATER LINE	—EX-FW—	WATER VALVE	
EX. GAS LINE	—EX-G—	GAS METER	
EX. COMMUNICATIONS LINE	—EX-COMM—	POWER POLE	
EX. OVERHEAD POWER LINE	—EX-OHP—	SIGN	
NEW STORM LINE	—SD—	CEMENT CONCRETE AREA	
NEW SANITARY SEWER LINE	—SS—	ASPHALT CONCRETE AREA	
NEW WATER LINE	—W—	DRAINAGE SWALE	
NEW FIRE WATER LINE	—FW—	PROPERTY LINE	
NEW GAS LINE	—G—	CENTER LINE	
NEW COMMUNICATIONS LINE	—COMM—	SAWCUT LINE	
NEW OVERHEAD POWER LINE	—OHP—	GRADE BREAK	
EXISTING CONTOUR	---457---	FENCE	
NEW CONTOUR	---457---	EXISTING SURFACE ELEV.	FS (XXX.XX)
STORM DRAIN MANHOLE		FINISHED SURFACE ELEV.	FS XXX.XX
SANITARY SEWER MANHOLE		EXISTING TOP OF CURB/ BOTTOM OF CURB	(XXX.XX) TC (XXX.XX) FS
COMMUNICATIONS MANHOLE		FINISHED TOP OF CURB/ BOTTOM OF CURB	XXX.XX TC XXX.XX FS
CATCH BASIN			
CURB INLET			
DRY WELL			
CLEANOUT			
ROOF DOWNSPOUT			

ISSUE DATE

Drawing:

**CIVIL COVER SHEET -
WEST**

Sheet No:

C0.00A

**STEEPLEJACK
MANZANITA**

Job Number: 21032-0039

220 LANEDA AVE
MANZANITA, OR, 97130

UTILITIES STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM LOCATION PAINT MARKINGS TIED IN THE FIELD SURVEY AND AS-BUILT DRAWINGS PROVIDED BY UTILITY COMPANIES. THIS SURVEY DOES NOT SHOW ANY PAINT MARKING PROVIDED AFTER THE FIELD SURVEY WAS COMPLETED. AS-BUILT DRAWING INFORMATION THAT WAS NOT PROVIDED IS NOT REFLECTED ON THIS SURVEY. AS-BUILT INFORMATION, IF PROVIDED, WAS USED TO IDENTIFY UNDERGROUND PIPE SIZE AND TYPE IF NO LOCATION PAINT MARKINGS WERE PROVIDED. AS-BUILT INFORMATION WAS USED TO HORIZONTALLY LOCATE UNDERGROUND UTILITIES.

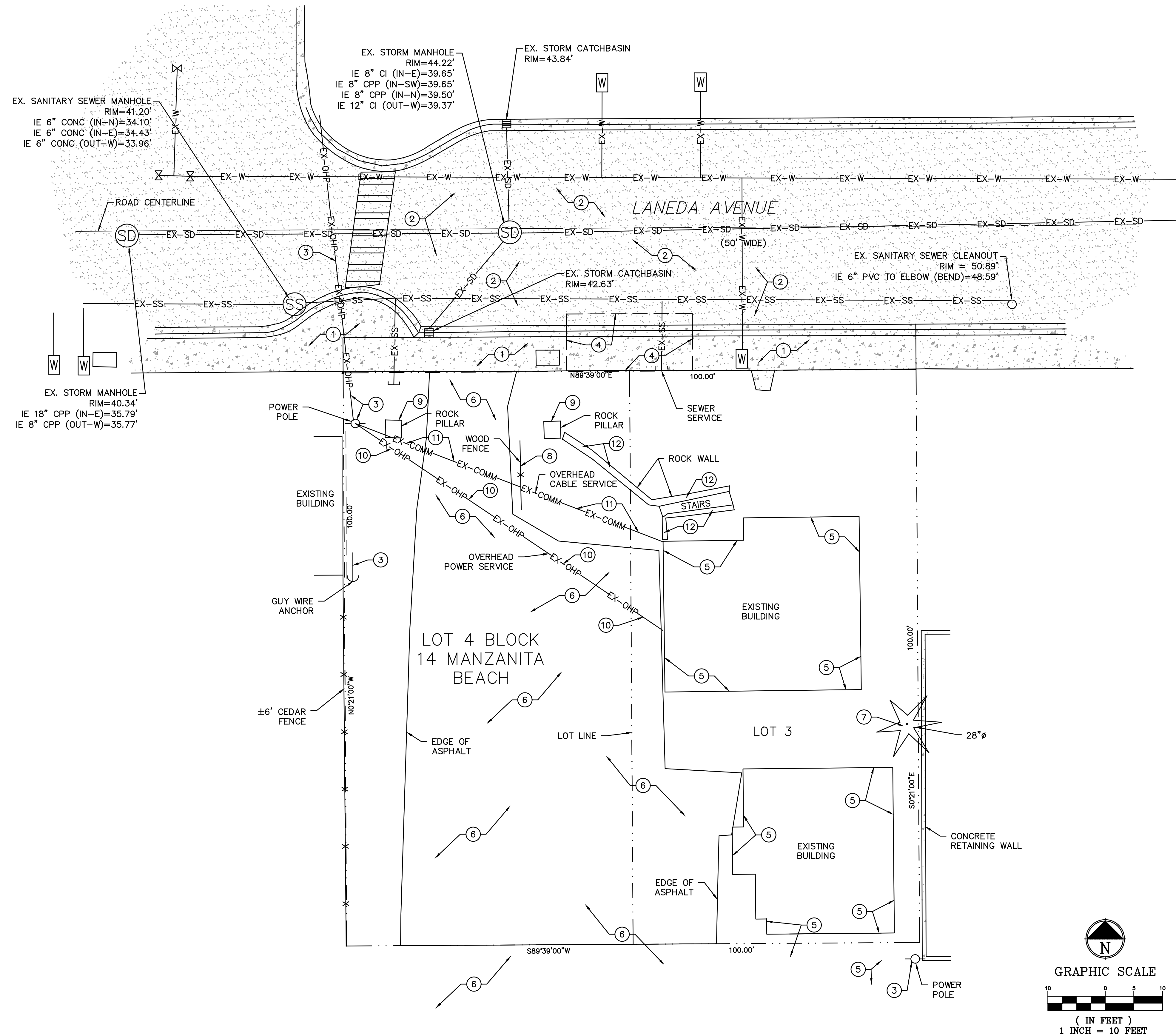
THIS SURVEY MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE OF ALL SUCH UTILITIES IN THE AREA. THE UNDERGROUND UTILITIES SHOWN MAY NOT BE IN THE EXACT LOCATION AS NOTED ON THIS SURVEY, BUT ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION PROVIDED.

DEMOLITION GENERAL NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO VISIT SITE PRIOR TO PREBID MEETING TO FAMILIARIZE THEMSELVES WITH DEMOLITION, GRADING, ETC., AND IMPROVEMENTS TO REMAIN.
2. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ANY AND ALL ITEMS NOT OTHERWISE LISTED HEREIN THAT CONFLICT WITH THE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY TO DETERMINE IF ANY ITEMS NOT SHOWN ON THE PLANS MUST BE REMOVED. FAILURE TO DO SO DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY AND COST FOR REMOVING ITEMS REQUIRED.
3. CONTRACTOR IS RESPONSIBLE FOR REVIEWING (IF APPLICABLE) ALL KNOWN ENVIRONMENTAL INVESTIGATION STUDIES AND REPORTS PRIOR TO BIDDING. REPORTS ARE INCLUDED IN THE PROJECTS SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH THE ENVIRONMENTAL ENGINEER ON EXACT AREAS OF CONTAMINATION, IF ANY.
4. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO FOLLOW 1200CN / EROSION & SEDIMENT CONTROL GUIDELINES.
5. ALL EXISTING REMAINING UTILITIES AND REMAINING IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE LOCAL AGENCY AND THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DOCUMENT PRIOR DAMAGES.
6. DO NOT CUT ANY ROOTS OVER 3". ROOTS THAT ARE CUT SHALL RESULT IN A FLAT SURFACE WITH ADJACENT BARK FIRMLY ATTACHED. DO NOT TEAR OR CRUSH ROOTS. ALL ROOTS SHALL BE CUT AT A 90° ANGLE.

(X) DEMOLITION NOTES:

1. PRESERVE EXISTING CONCRETE SIDEWALK IN PUBLIC RIGHT-OF-WAY.
2. PRESERVE AND PROTECT EXISTING ASPHALT CONCRETE PAVEMENT AREA IN PUBLIC RIGHT-OF-WAY.
3. PRESERVE AND PROTECT EXISTING POWER POLE, GUY WIRE, AND OVERHEAD POWER LINES.
4. SAWCUT EXISTING ASPHALT PAVEMENT IN PUBLIC RIGHT-OF-WAY. SAWCUT LINE SHALL PROVIDE A NEAT VERTICAL CUT AND SAWCUT DEBRIS SHALL BE VACUUMED. DISCHARGING SAWCUT DEBRIS TO PUBLIC STORM DRAINAGE SYSTEMS IS PROHIBITED.
5. COORDINATE REMOVAL OF EXISTING BUILDING WITH OWNER AND PROJECT TEAM. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO ANY DEMOLITION OF THE EXISTING STRUCTURES.
6. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AREA.
7. REMOVE EXISTING VEGETATION, INCLUDING ROOT SYSTEMS.
8. REMOVE EXISTING WOOD FENCE, INCLUDING POST FOOTINGS.
9. REMOVE EXISTING ROCK PILLARS, INCLUDING FOOTINGS.
10. REMOVE EXISTING OVERHEAD POWER SERVICE. COORDINATE REMOVAL WITH LOCAL JURISDICTION.
11. REMOVE EXISTING OVERHEAD CABLE SERVICE. COORDINATE REMOVAL WITH LOCAL JURISDICTION.
12. REMOVE EXISTING ROCK WALL, INCLUDING ANY FOOTINGS.



FILE: C:\0320-PORTLAND\DCI-CIVIL\2021\21032-0039 STEEPLEJACK MANZANITA\DRAWINGS\SHEETS\21032-0039_EXST-COND-PLAN-WEST PLOT STAMP: 7/7/2022 11:35 AM

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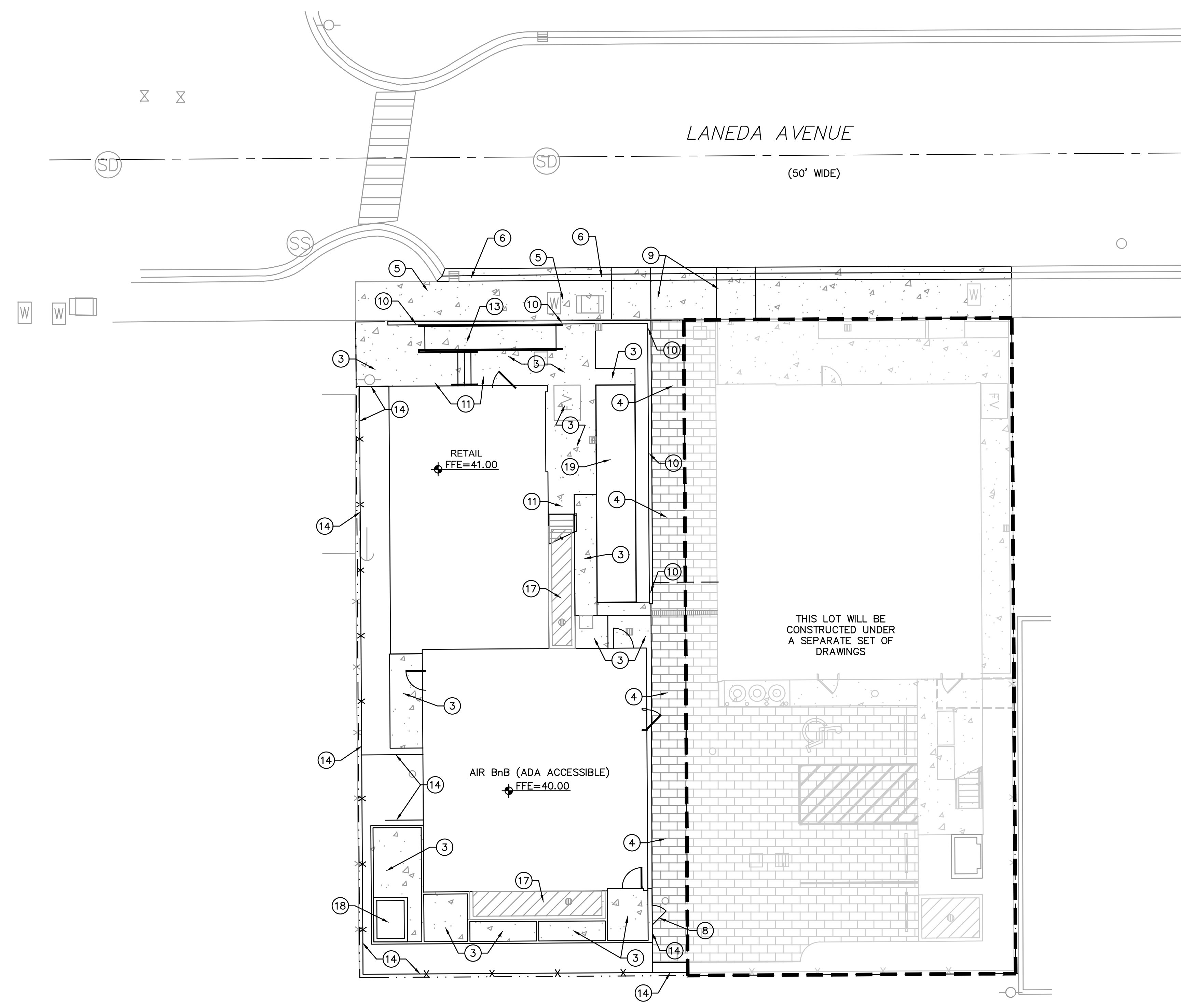
ISSUE _____ DATE _____

Drawing:
**EXISTING CONDITIONS
AND DEMOLITION
PLAN - WEST**

Sheet No:
C1.00A

**STEEPLEJACK
MANZANITA**

Job Number: 21032-0039
220 LANEDA AVE
MANZANITA, OR, 97130

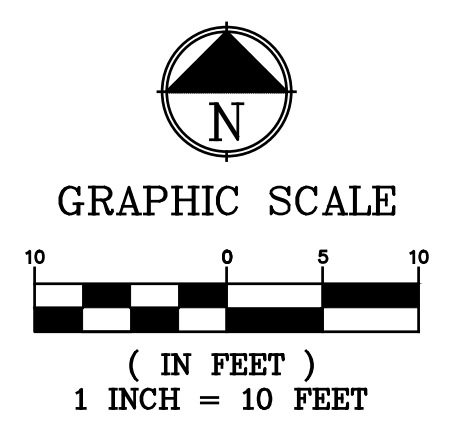


GENERAL SITE LAYOUT NOTES:

1. PAVEMENT REMOVAL AND PATCHING FOR UTILITIES IN THE PUBLIC RIGHT-OF-WAY SHALL BE PER THE CITY OF MANZANITA PUBLIC WORKS DEPARTMENT AND ODOT DRAWINGS.
2. TRAFFIC CONTROL FOR THE SITE SHALL FOLLOW THE PROVISIONS IN THE MOST CURRENT VERSION OF THE MUTCD.
3. REFER TO LANDSCAPING PLANS FOR LANDSCAPE REQUIREMENTS AND FIRE GRADING NOT SHOWN ON THE CIVIL SHEETS.
4. SIDEWALK CROSS SLOPES SHALL NOT EXCEED 1.5% MAXIMUM, TOWARDS THE PARKING FIELD.

(X) SITE LAYOUT KEYNOTES:

1. NOT USED.
2. NOT USED.
3. CONSTRUCT NEW CONCRETE AREA PER DETAIL 2/C2.10A. COORDINATE LAYOUT AND SURROUNDING AREAS WITH LANDSCAPE PLANS.
4. CONSTRUCT NEW PERVIOUS PAVER AREA PER DETAIL 4/C2.10A.
5. CONSTRUCT NEW CONCRETE SIDEWALK WITHIN PUBLIC RIGHT-OF-WAY PER DETAIL 2/C2.10A.
6. CONSTRUCT NEW CONCRETE ROLLED CURB AND GUTTER PER CITY OF MANZANITA PUBLIC WORKS STANDARDS.
7. NOT USED.
8. INSTALL NEW FENCE GATE PER ARCHITECTURAL DETAILS.
9. CONSTRUCT NEW CONCRETE DRIVEWAY PER CITY OF MANZANITA PUBLIC WORKS STANDARDS. CONSTRUCT WITH #4 REBAR @ 18" O.C., EACH WAY.
10. CONSTRUCT NEW WALL PER STRUCTURAL AND LANDSCAPE PLANS AND DETAILS.
11. CONSTRUCT LANDING AT BASE OF STAIRS. LANDING SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
12. NOT USED.
13. CONSTRUCT NEW CONCRETE RAMP PER LANDSCAPE DRAWINGS. LONGITUDINAL RAMP SLOPE SHALL NOT EXCEED 8.0%. RAMP SHALL PROVIDE A 3' WIDE ACCESSIBLE ROUTE, MEASURED WITHIN THE HANDRAILS. HANDRAILS SHALL BE SIZED AND MOUNTED PER ARCHITECTURAL DRAWINGS. HANDRAIL STYLE AND COLOR SHALL BE PER ARCHITECTURAL DRAWINGS.
14. CONSTRUCT NEW FENCE PER ARCHITECTURAL DETAILS.
15. NOT USED.
16. NOT USED.
17. CONSTRUCT STORMWATER PLANTER WALL. SEE STORMWATER PLAN AND DETAILS FOR FURTHER INFORMATION.
18. INSTALL UNDERGROUND SPA PER LANDSCAPING DRAWINGS.
19. CONSTRUCT BOCCIE BALL COURT PER LANDSCAPE DRAWINGS.
20. INSTALL TRANSFORMER PER ELECTRICAL PLANS.



ISSUE _____ DATE _____

Drawing:
**SITE LAYOUT PLAN -
WEST**

Sheet No:
C2.00A

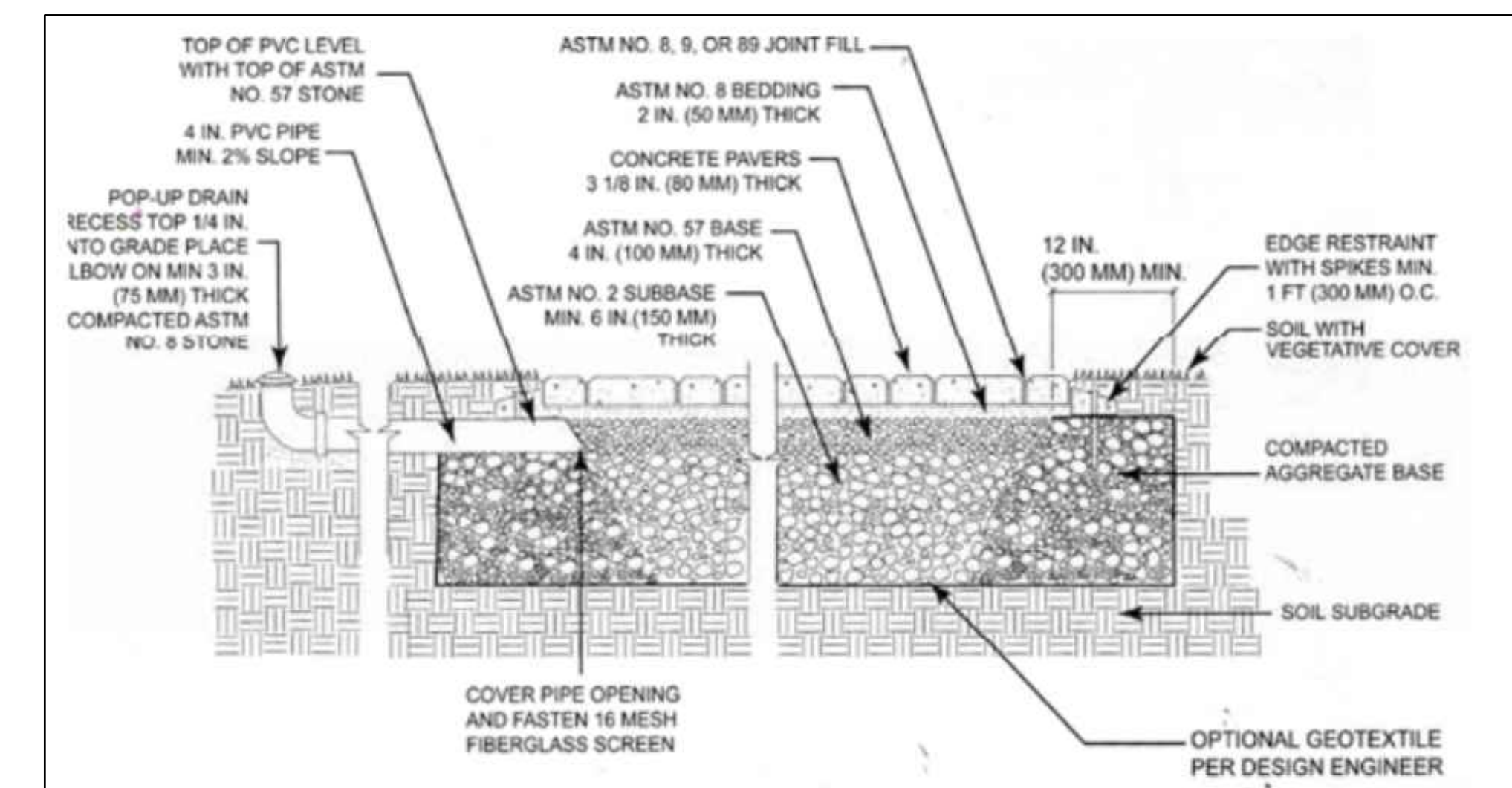
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**STEEPLEJACK
MANZANITA**

Job Number: 21032-0039

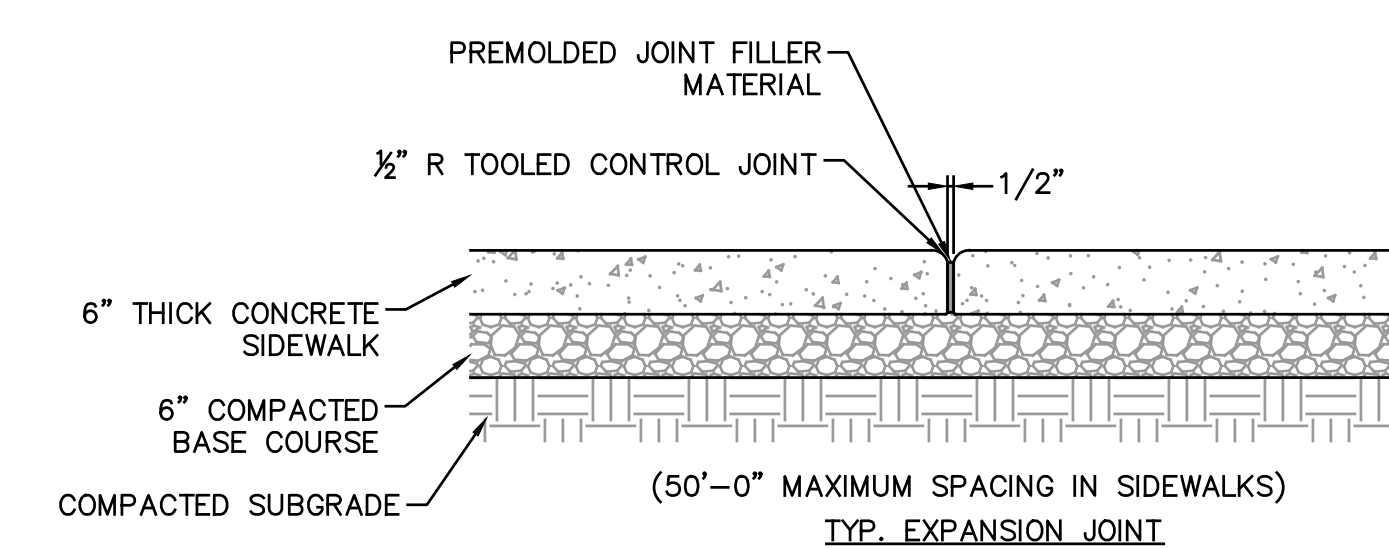
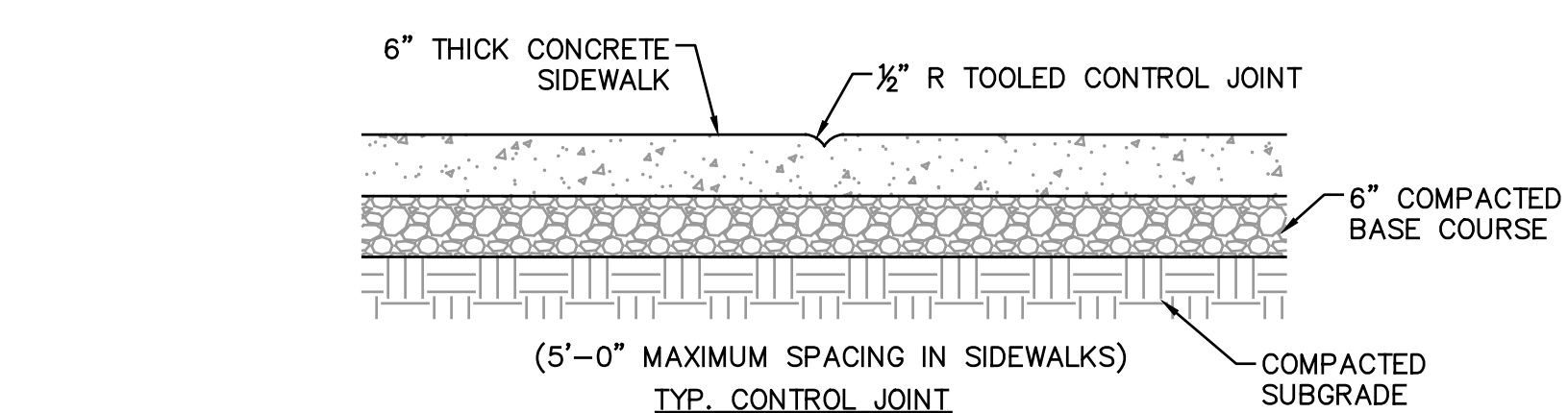
220 LANEDA AVE
MANZANITA, OR, 97130



PAVERS ARE DESIGNED TO BE ECO-PRIORA 8"X8" PAVERS, INSTALLED IN A "RUNNING BOND (8X8) PATTERN.
REFER TO LANDSCAPE DRAWINGS FOR FURTHER INFORMATION.

PERVIOUS CONCRETE PAVERS DETAIL
SCALE: NTS

4
C2.10A



SIDEWALK DETAIL
SCALE: NTS

2
C2.10A

ISSUE _____ DATE _____
Drawing: _____
**SITE LAYOUT
DETAILS - WEST**

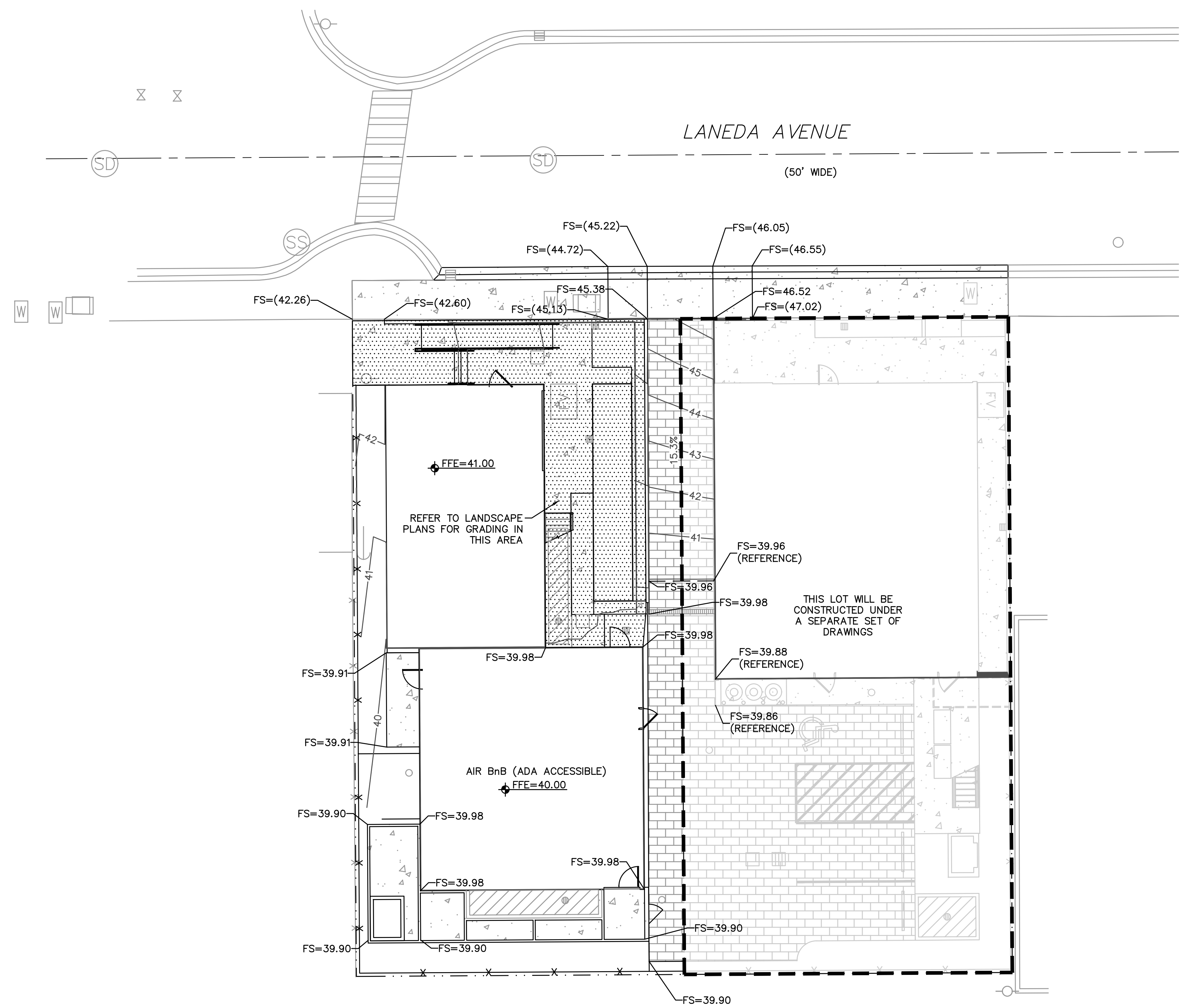
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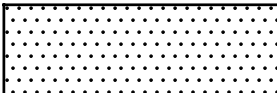
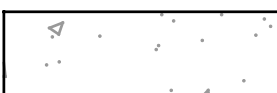
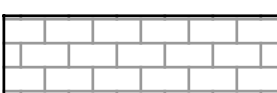
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PLOT STAMP: 7/7/2022 11:36 AM

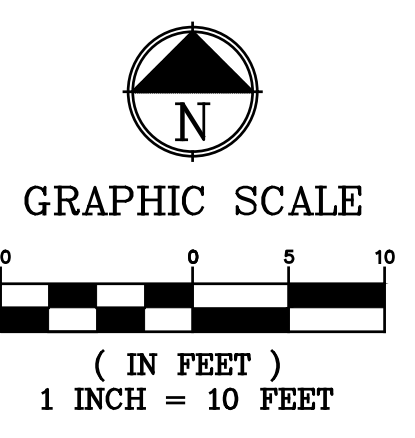


GENERAL SITE LAYOUT NOTES:

1. PAVEMENT REMOVAL AND PATCHING FOR UTILITIES IN THE PUBLIC RIGHT-OF-WAY SHALL BE PER THE CITY OF MANZANITA PUBLIC WORKS DEPARTMENT AND ODOT DRAWINGS.
2. TRAFFIC CONTROL FOR THE SITE SHALL FOLLOW THE PROVISIONS IN THE MOST CURRENT VERSION OF THE MUTCD.
3. REFER TO LANDSCAPING PLANS FOR LANDSCAPE REQUIREMENTS AND FIRE GRADING NOT SHOWN ON THE CIVIL SHEETS.
4. SIDEWALK CROSS SLOPES SHALL NOT EXCEED 1.5% MAXIMUM, TOWARDS THE PARKING FIELD.

HATCH LEGEND:

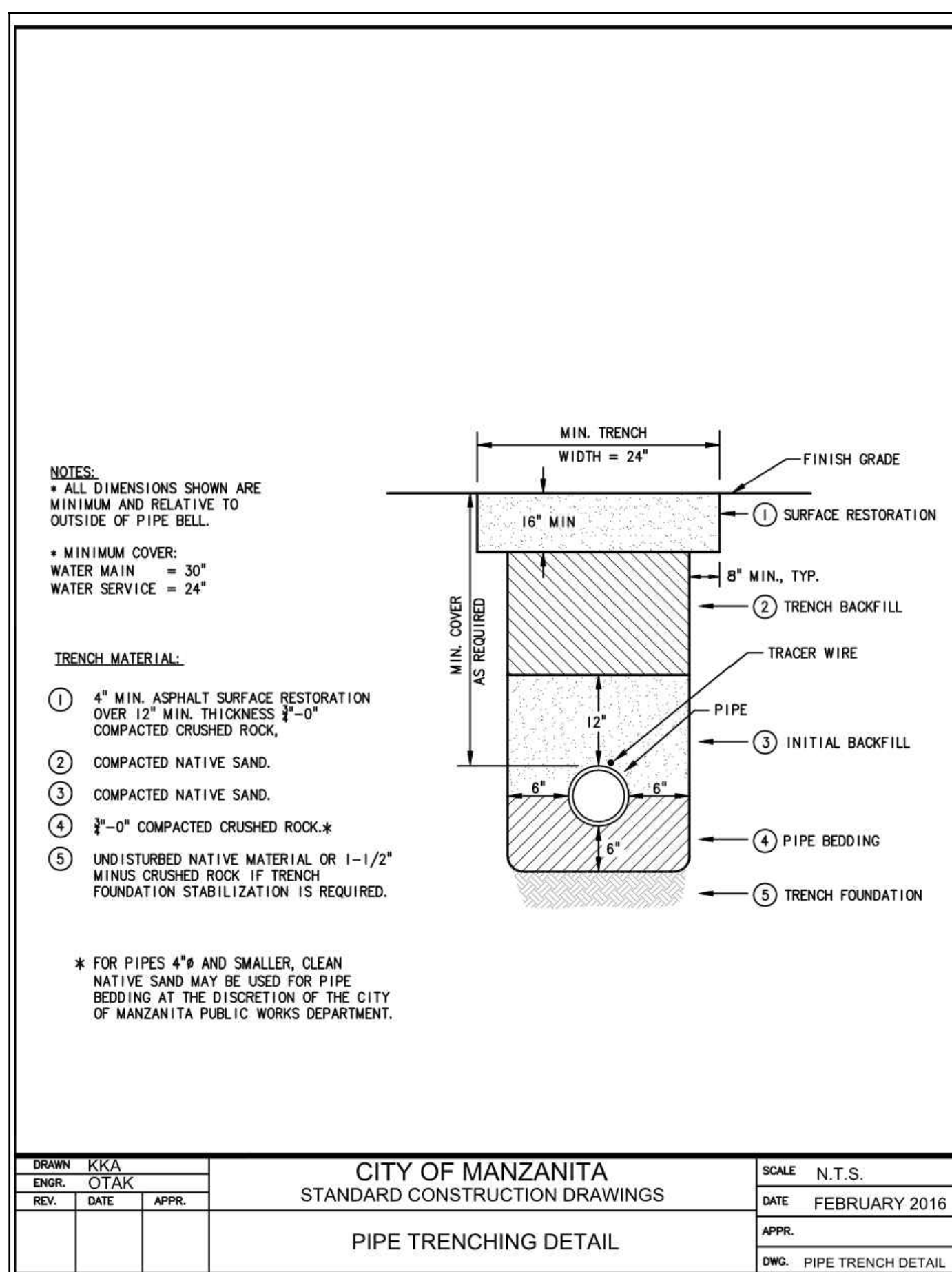
-  REFER TO LANDSCAPE PLANS FOR GRADING IN THIS AREA
-  PORTLAND CEMENT CONCRETE
-  PERMEABLE PAVERS. REFERENCE LANDSCAPE PLANS AND SPECIFICATIONS FOR MATERIALS.



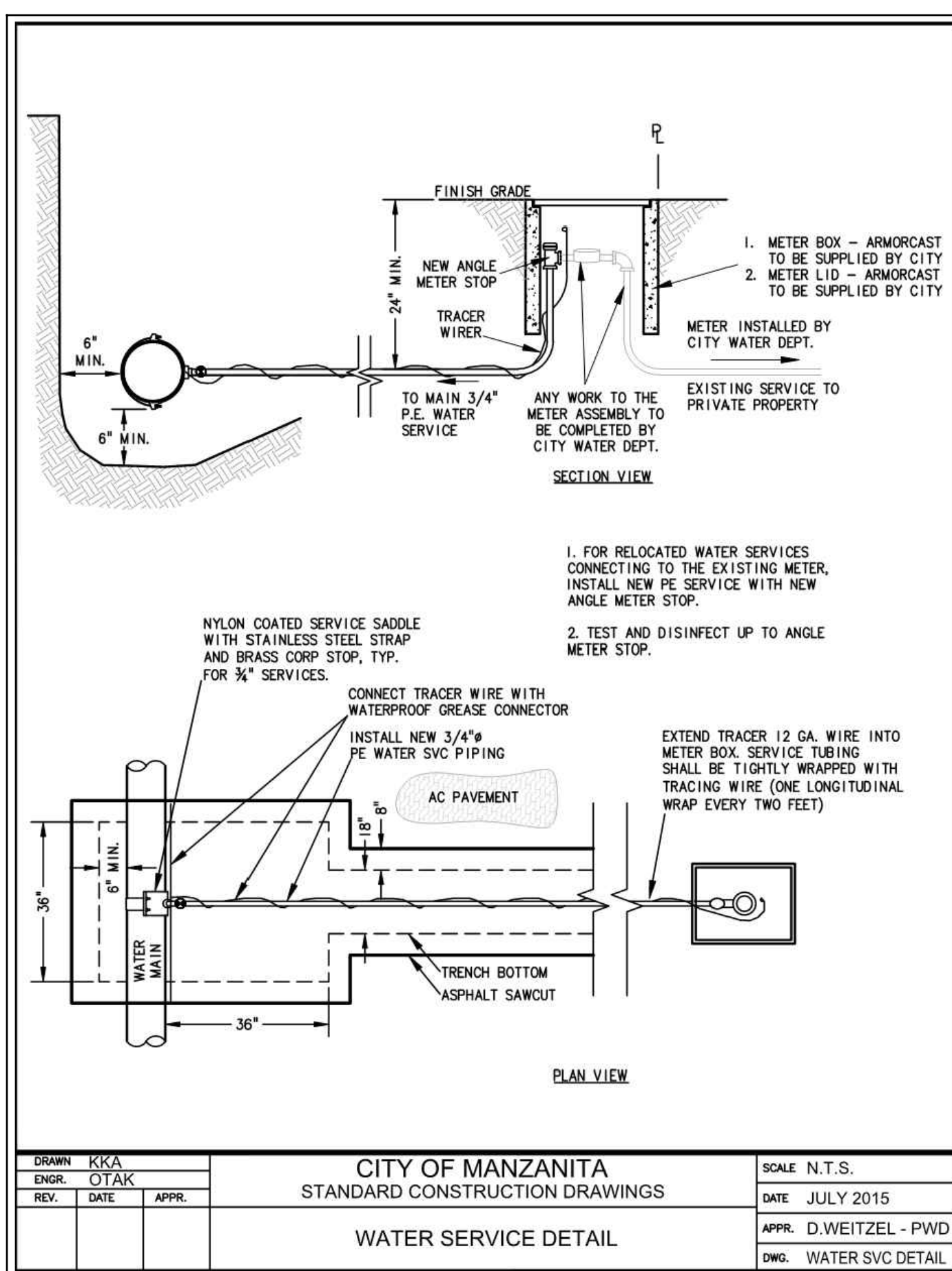
ISSUE _____ DATE _____

Drawing:
**GRADING PLAN -
WEST**

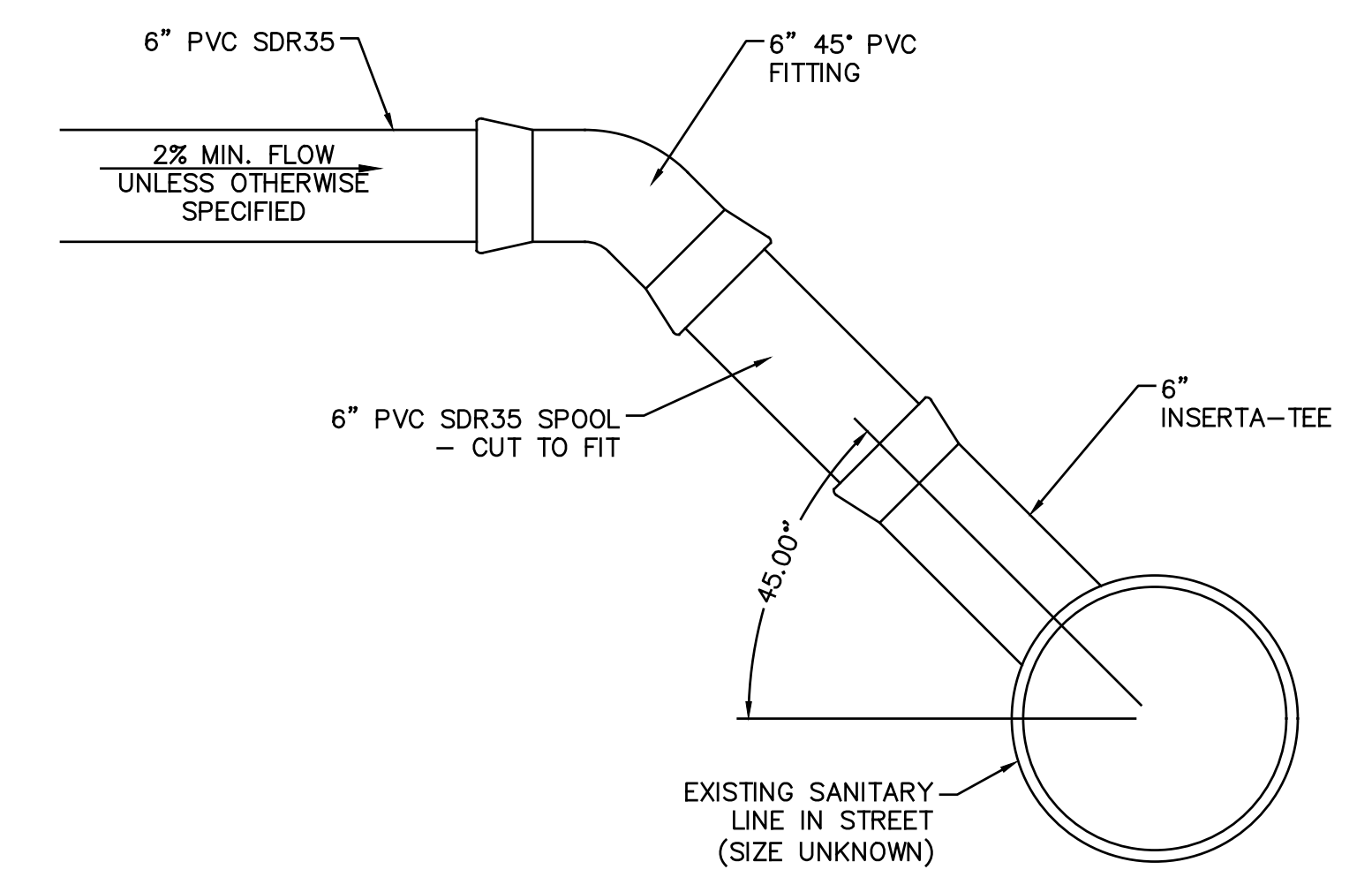
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C3.00A



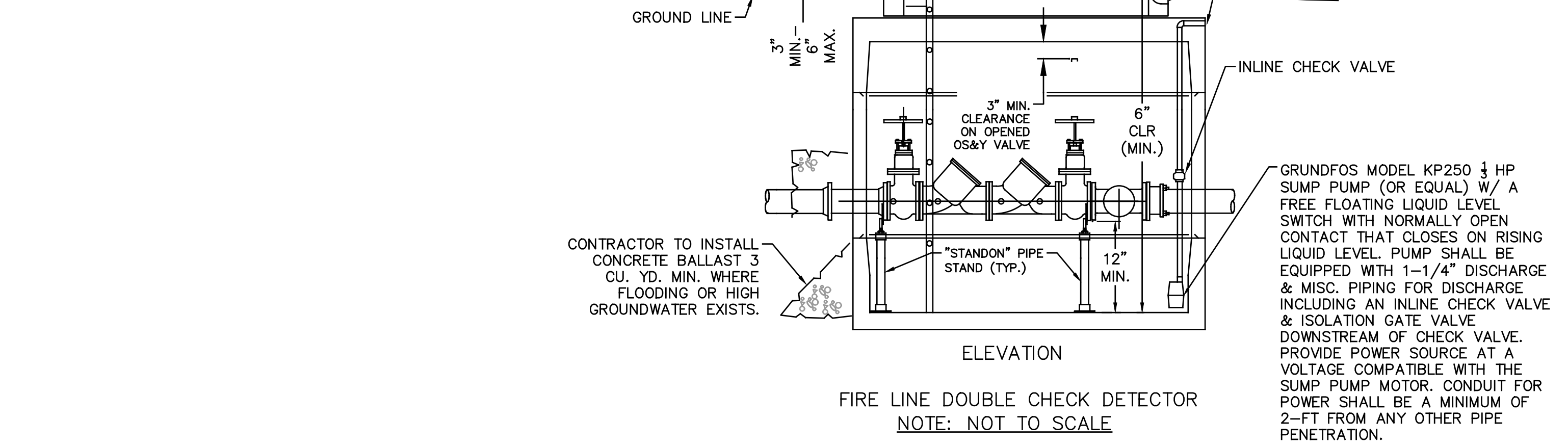
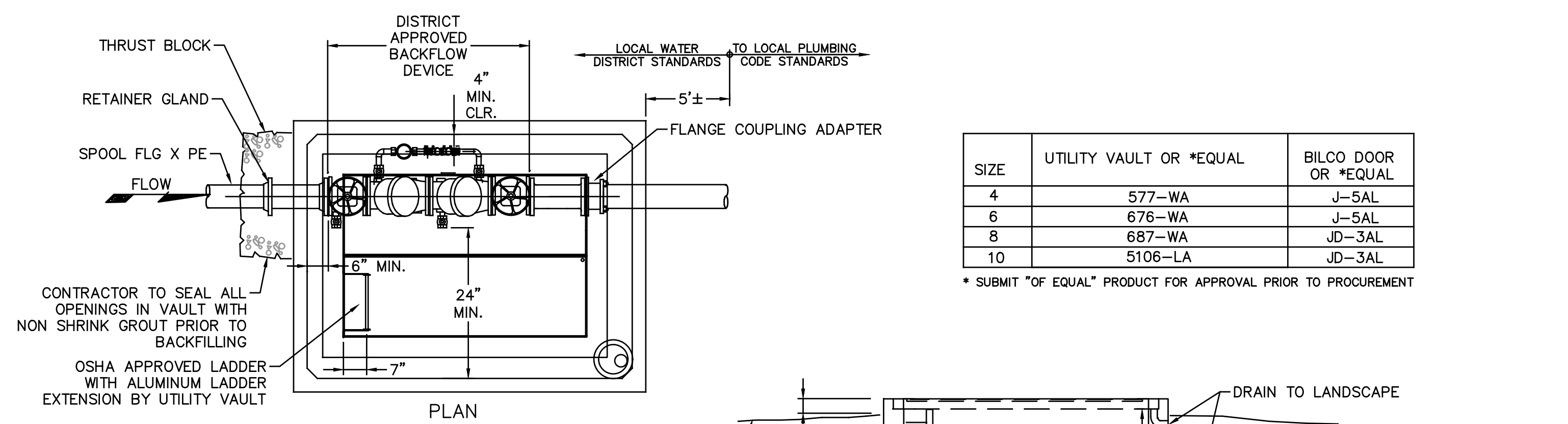
PIPE TRENCH DETAIL
SCALE: NTS
3
C4.10A



WATER SERVICE DETAIL
SCALE: NTS
4
C4.10A



SANITARY LATERAL TAP
SCALE: NTS
2
C4.10A



DCDA FIRE VAULT DETAIL
SCALE: NTS
1
C4.10A

FILE: O:\0320-PORTLAND\DCI-CIVIL\2021\21032-0039 STEEPLJACK MANZANITA\0-DRAWINGS\SHEETS\21032-0039_UTIL-DET-WEST PLOT STAMP: 7/7/2022 11:36 AM

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**STEEPLEJACK
MANZANITA**

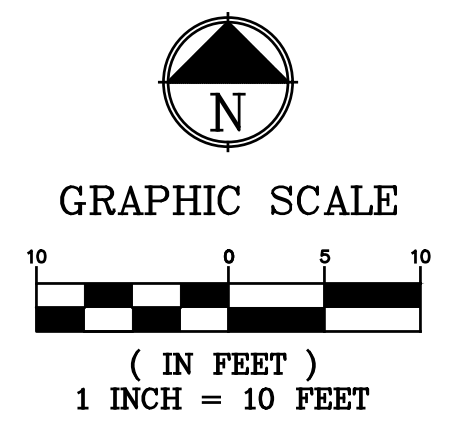
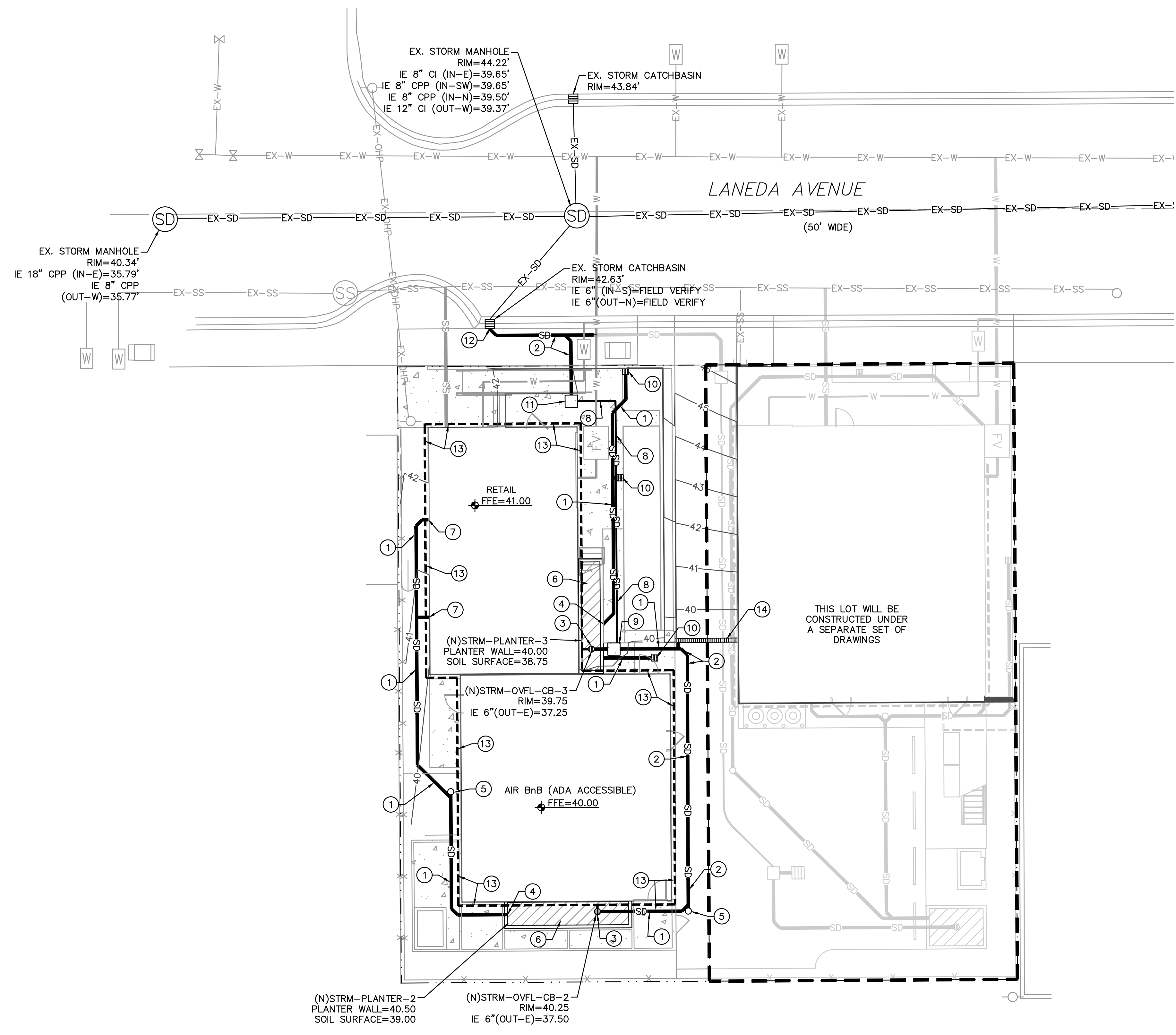
Job Number: 21032-0039
220 LANEDA AVE
MANZANITA, OR, 97130

GENERAL NOTES:

1. IN PAVEMENT AREAS WHERE COVER OVER STORMWATER LINES IS LESS THAN 24", THE LINE SHALL BE COMPRISED OF PVC C900 PIPING.
2. ROOF CONNECTIONS SHALL BE COORDINATED WITH ARCHITECTURAL ROOF AND PLUMBING DRAWINGS.
3. REFER TO LANDSCAPE PLANS FOR PLANTINGS WITHIN STORMWATER FACILITIES.
4. COORDINATE UTILITY CONSTRUCTION WITH WALL CONSTRUCTION. UTILITY CONSTRUCTION SHALL NOT INTERFERE WITH CONSTRUCTED WALL.
5. UTILITY TRENCHING SHALL BE CONSTRUCTED PER DETAIL 3/C4.10A.
6. REFER TO LANDSCAPE PLANS FOR DITCH RENOVATIONS AND CONSTRUCTION.

STORMWATER UTILITY KEYNOTES:

1. CONSTRUCT NEW 6" SDR35 PVC STORM DRAINAGE PIPE. SLOPE AND LENGTH PER PLAN.
2. CONSTRUCT NEW 6" DUCTILE IRON STORM DRAINAGE PIPE. SLOPE AND LENGTH PER PLAN.
3. CONSTRUCT NEW 12" OVERFLOW DRAIN STRUCTURE PER DETAILS 2 AND 4/C5.10A.
4. DAYLIGHT PIPE IN PLANTER WALL. PROVIDE 2' X 2' WIDE AND 6" THICK RIPRAP PAD AT OUTLET.
5. CONSTRUCT NEW CLEANOUT TO GRADE PER DETAIL 1/C5.10A.
6. CONSTRUCT UNLINED STORMWATER PLANTER PER DETAIL 2/C5.10A. AREAS WITHIN INFILTRATION BASINS SHALL BE PROTECTED FROM USE AS CONSTRUCTION STORAGE AREAS AND OVER-COMPACTION BY EQUIPMENT THROUGHOUT THE CONSTRUCTION PERIOD. SEE PLANS FOR DIMENSION DESCRIPTIONS FOR EACH FACILITY.
7. CONNECT TO BUILDING ROOF DRAIN LOCATION. LOCATION OF ALL ROOF DRAINS SHALL BE PER THE ARCHITECTURAL ROOF AND PLUMBING DRAWINGS. COORDINATE INVERT ELEVATIONS WITH STRUCTURAL PLANS TO AVOID FOOTING. SEE DETAIL 3/C5.10A.
8. CONSTRUCT NEW 2" PRESSURIZED STORMWATER LINE. TRENCHING MAY BE SHARED WITH NEW STORMWATER LINES WHERE PROXIMITY ALLOWS.
9. CONSTRUCT NEW STORMWATER PUMP STATION.
10. CONSTRUCT NEW 12" LANDSCAPE AREA DRAIN PER DETAIL 4/C5.10A. COORDINATE FINAL DESIGN WITH LANDSCAPE PLANS.
11. CONSTRUCT NEW STORMWATER DISCHARGE STRUCTURE FROM A PRESSURIZED LINE TO A GRAVITY LINE. STRUCTURE SHALL BE CONSTRUCTED FROM A 24" ROUND REINFORCED CONCRETE PIPE WITH METAL LID.
12. CONNECT NEW 6" STORMWATER LINE TO EXISTING CATCH BASIN USING APPROVED PREMANUFACTURED FITTINGS.
13. CONSTRUCT NEW 4" PERFORATED FOUNDATION DRAIN AROUND BUILDING. SEE DETAIL 5/C5.10A. CONNECT TO ADJACENT ROOF DRAIN STORMWATER LINES THROUGH A BACKFLOW DEVICE (RECTORSEAL "CLEAN CHECK" EXTENDABLE BACKWATER VALVE OR APPROVED EQUAL).
14. CONSTRUCT NEW TRENCH DRAIN. STYLE AND MATERIAL SHALL BE PER ARCHITECTURAL AND LANDSCAPE DESIGN.



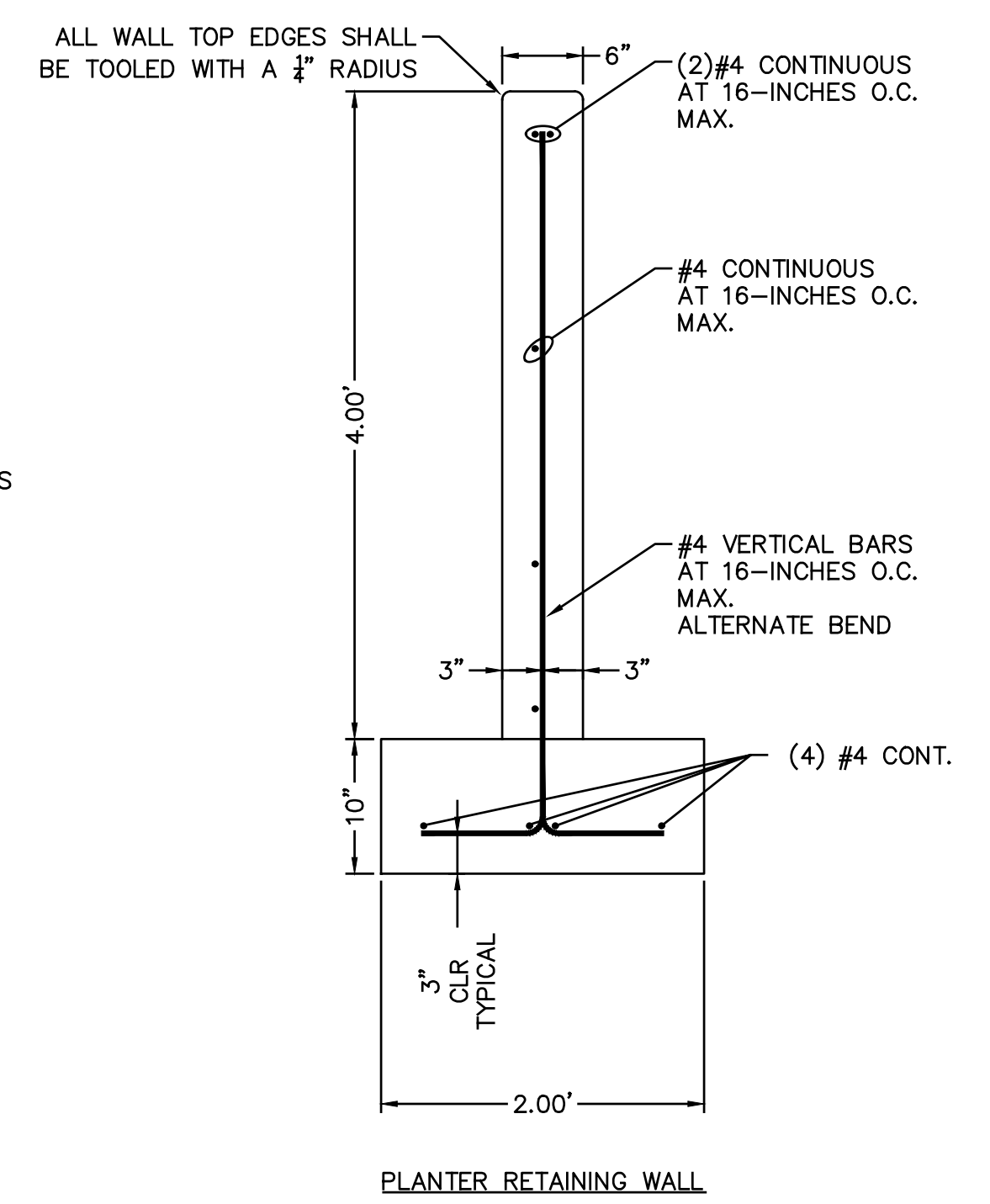
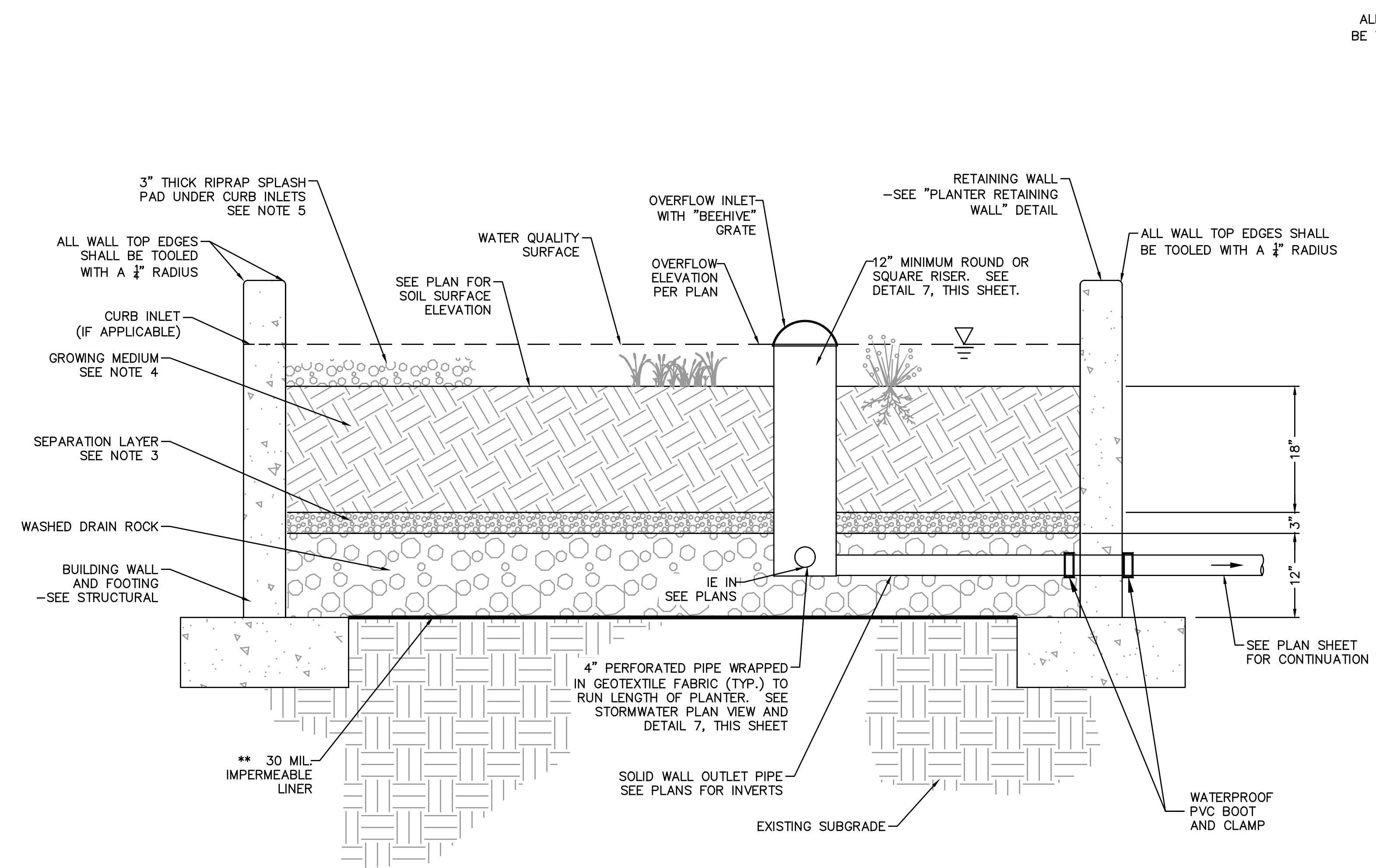
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Drawing:
**STORMWATER PLAN
- WEST**

Sheet No:
C5.00A

FILE: O:\0320-PORTLAND\DCI-CIVIL\2021\21032-0039 STEEPLEJACK MANZANITA\DRAWINGS\SHEETS\21032-0039_STRM-PLAN-WEST PLOT STAMP: 7/7/2022 11:36 AM

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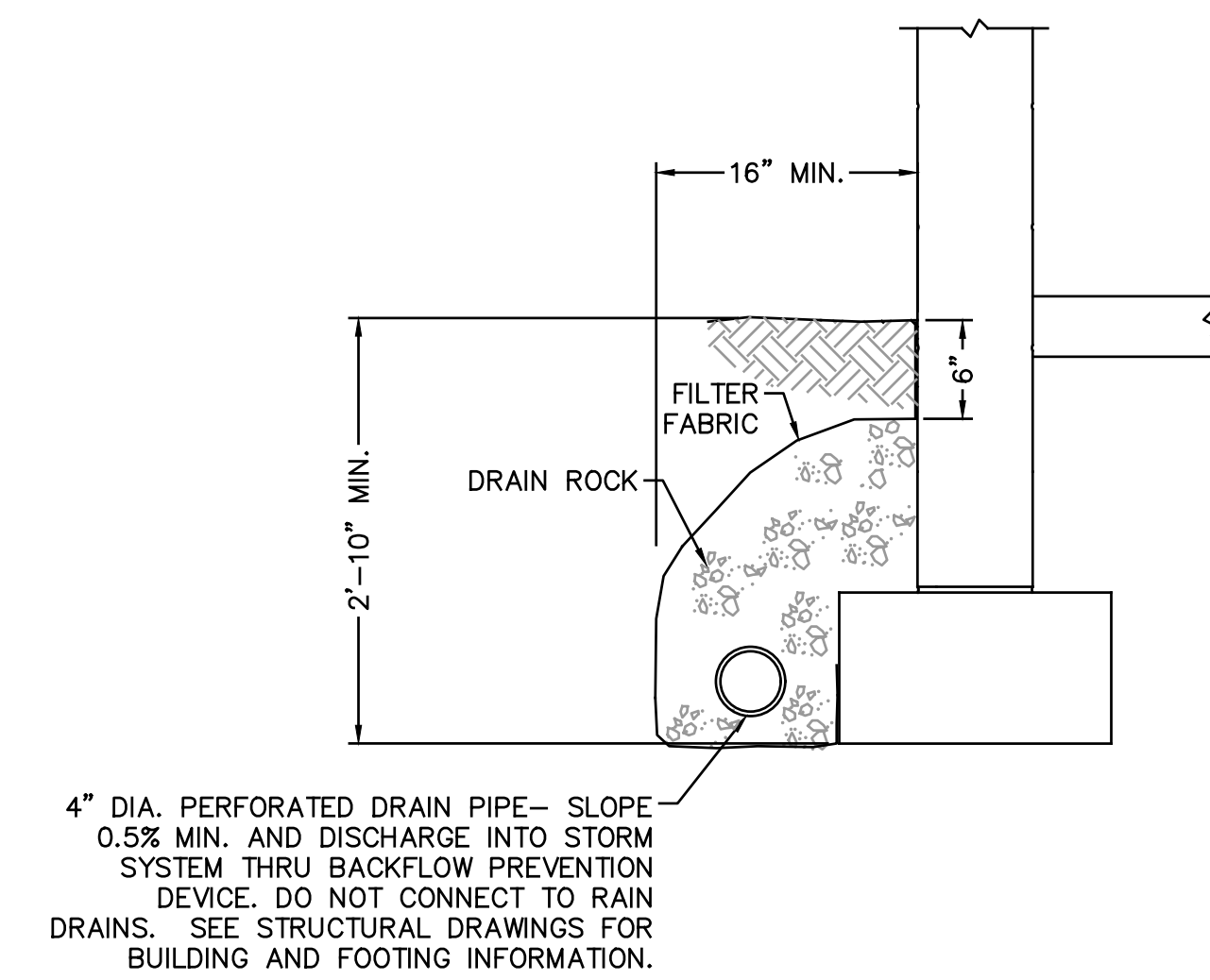
- FILTRATION PLANTER GENERAL NOTES:**
- PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED STORMWATER AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
 - DRAIN ROCK:
 - SIZE FOR FLOW-THROUGH PLANTER: 2" TO 3/4" CLEAN WASHED
 - 12" DEPTH
 - SEPARATION BETWEEN DRAIN ROCK AND GROWING MEDIUM:
 - USE FILTER FABRIC OR A GRAVEL LENS (3/4" - 1/2" WASHED, CRUSHED ROCK 2 TO 3 INCHES DEEP).
 - GROWING MEDIUM WITH 10% MAX. FINES (PASSING #200):
 - 18" MINIMUM
 - VEGETATION: PER LANDSCAPING PLANS.
 - PLANTER WALLS:
 - SEE PLANTER RETAINING WALL DETAIL THIS SHEET.
 - INSTALL RIVER ROCK OR SPLASH PAD TO TRANSITION FROM INLET TO GROWING MEDIUM.

STORMWATER FILTRATION BASIN WITH WALLS
SCALE: NTS

2
C5.10A

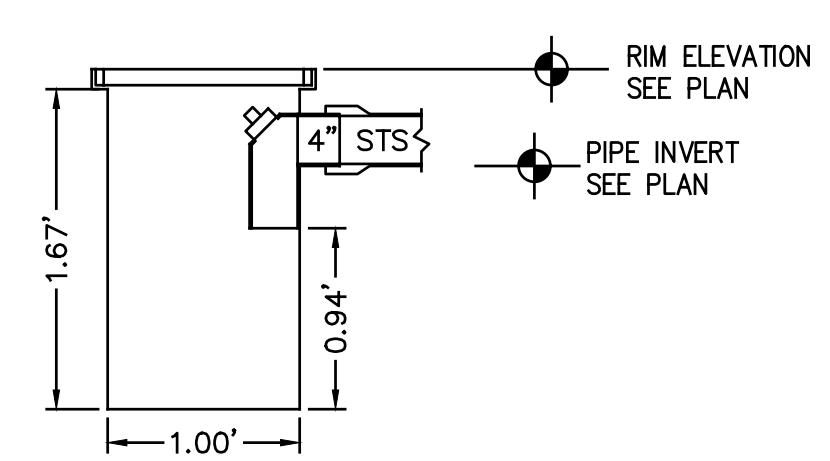
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FOUNDATION DRAIN DETAIL
SCALE: NTS

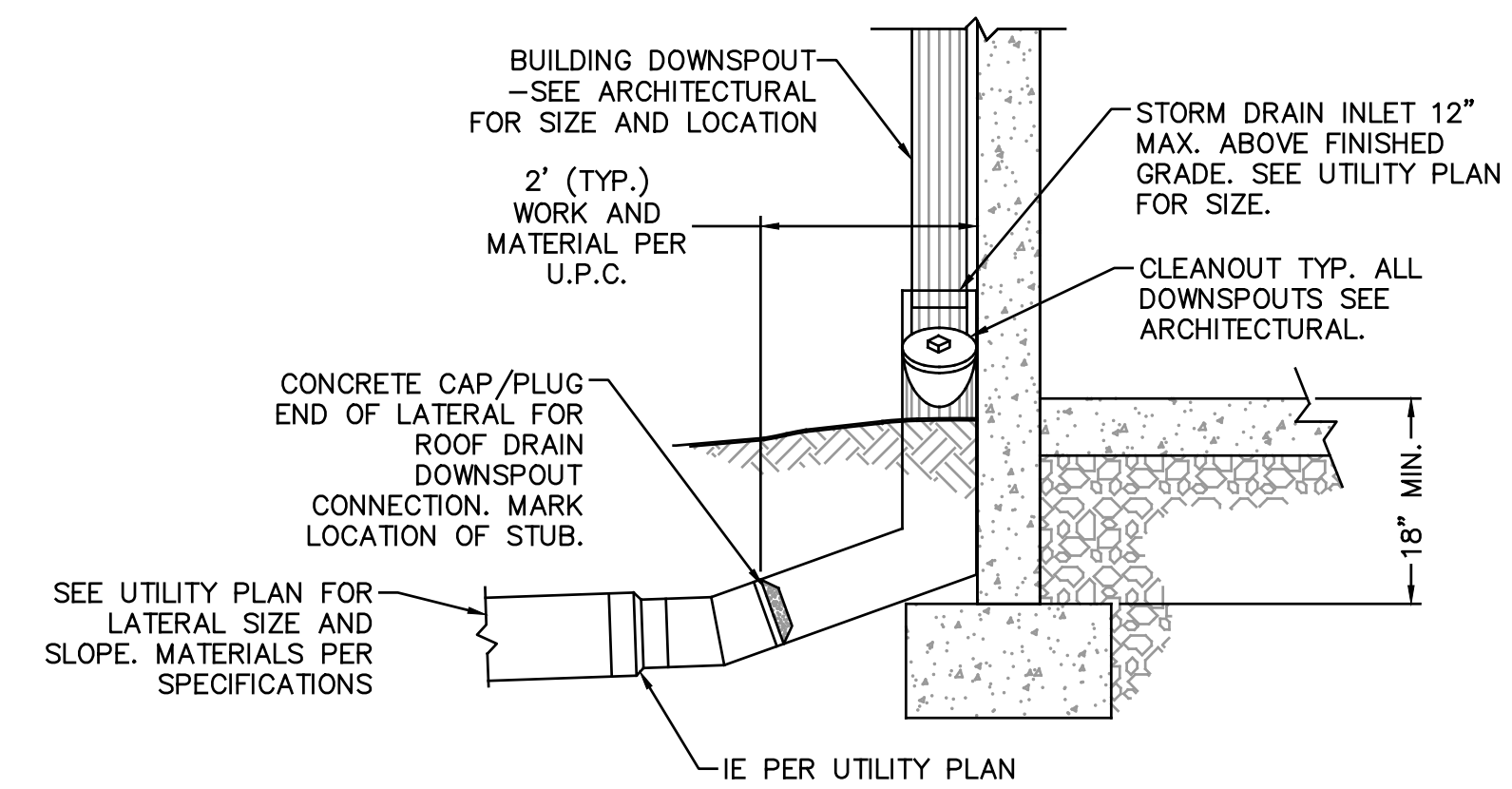
5
C5.10A



- NOTES:
- (MINIMUM) STEEL WITH ALL JOINTS WELDED. CATCH BASIN CAN BE ROUND OR SQUARE. NYLOPLAST BASINS WITH ENVIROHOOD STRUCTURE MAY BE SUBSTITUTED. CAULK PIPE TO CAULKING HUB.
 - SET CATCH BASIN ON 6" THICK COMPACTED CRUSHED ROCK BASE.
 - BACKFILL AROUND CATCH BASIN WITH COMPACTED CRUSHED ROCK.

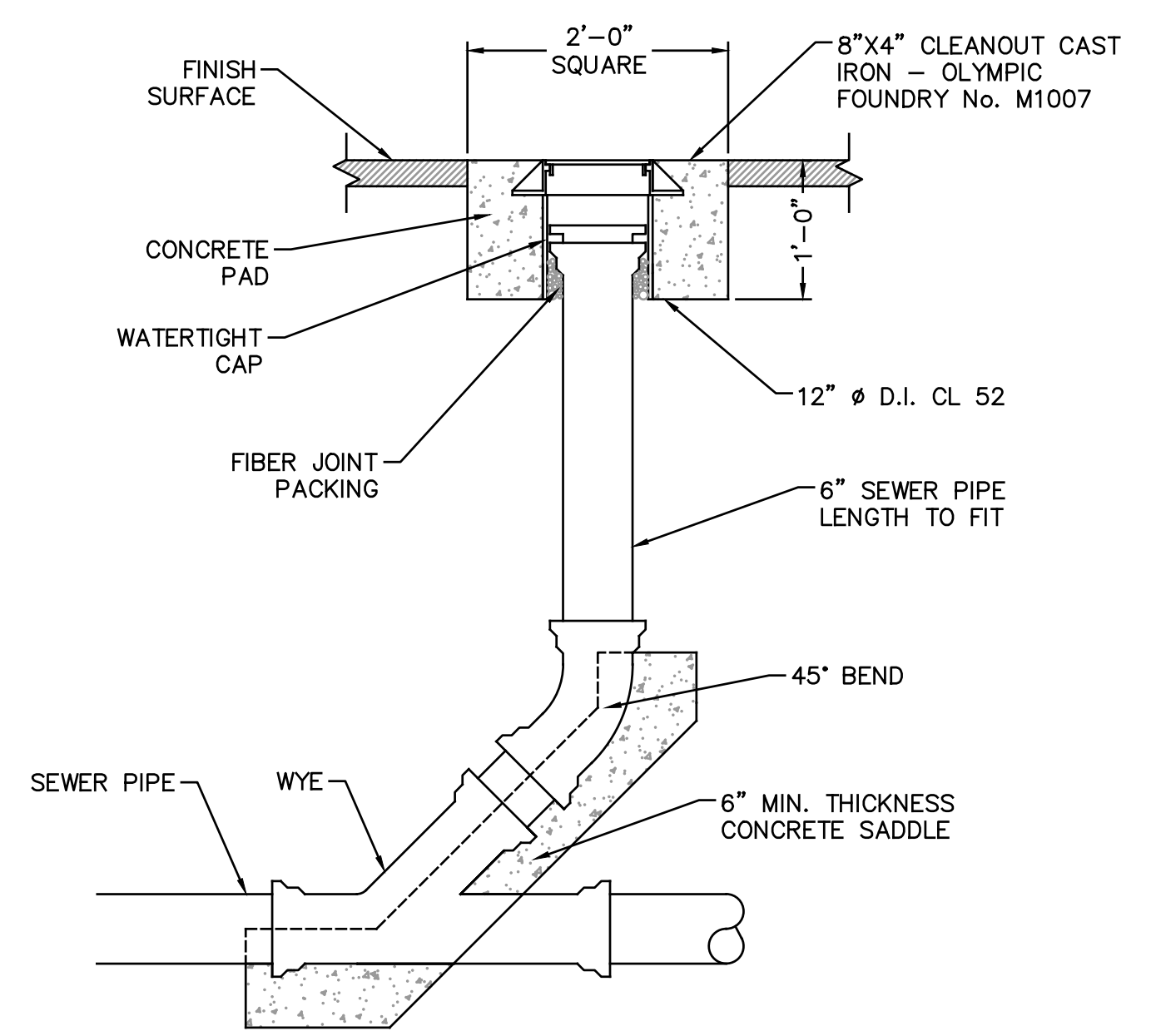
AREA CATCH BASIN DETAIL
SCALE: NTS

4
C5.10A



DOWNSPOUT CONNECTION DETAIL
SCALE: NTS

3
C5.10A



TYPICAL CLEANOUT
SCALE: NTS

1
C5.10A

ISSUE DATE

Drawing:
**STORMWATER
DETAILS - WEST**

Sheet No:
C5.10A

**STEEPLEJACK
MANZANITA**

Job Number: 21119

220 LANEDA AVE
MANZANITA, OR, 97130



LAND-USE REVIEW 06/03/2022

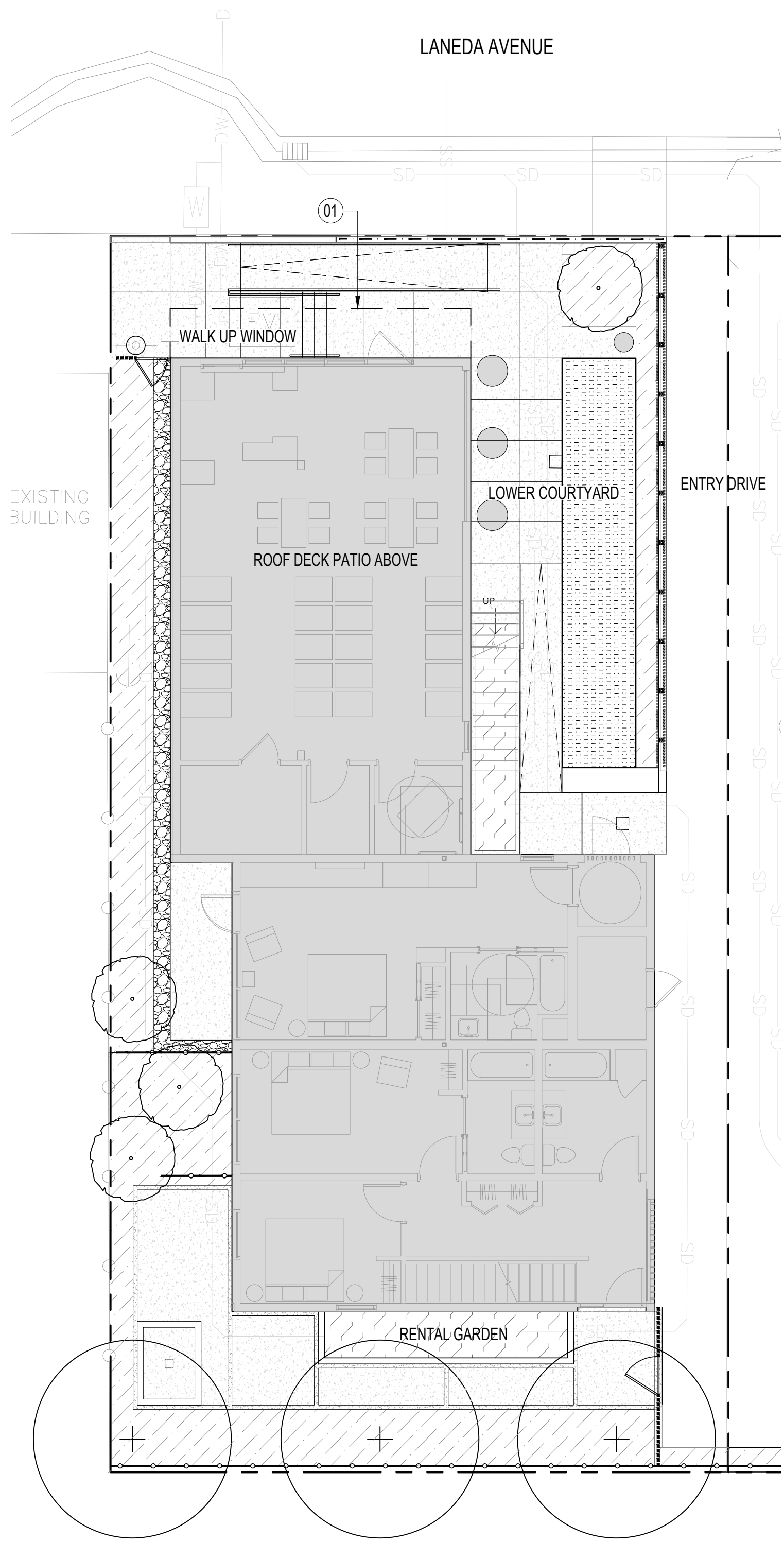
Issue Date

Drawing:

KEY PLAN

Sheet No:

L1.01A



LANDSCAPE LEGEND

	PROPERTY LINE
	PROPOSED TREE
	CONCRETE PAVING (1,816 SF)
	CRUSHED OYSTER SHELL PAVING (1,498 SF)
	FRACTURED BASALT MAINTENANCE BAND (80 SF)
	PLANTING AREA (666 SF)
	STORMWATER PLANTING AREA (135 SF)

LANDSCAPE CALCS

PLANTING AREA (801 SF)
OPEN SPACE - GROUND LEVEL (390 SF)
OPEN SPACE - LEVEL 1 (1,053 SF)

KEYNOTES

01 STRUCTURE OVERHEAD, PER ARCHITECT

GENERAL NOTES

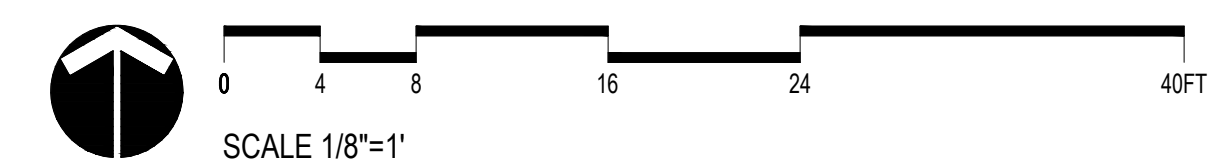
1. INFORMATION REGARDING EXISTING CONDITIONS USED TO PREPARE THESE DOCUMENTS HAS BEEN PROVIDED BY OTHERS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION.
2. SHOULD THERE BE ANY DISCREPANCIES BETWEEN LANDSCAPE ARCHITECTURAL, ARCHITECTURAL, OR ENGINEERING DRAWINGS, THE CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT TO REVIEW AND COORDINATE BEFORE PROCEEDING WITH WORK. THE LANDSCAPE ARCHITECT WILL ISSUE A WRITTEN DIRECTIVE IF FURTHER CLARIFICATION IS REQUIRED.
3. THE CONTRACTOR SHALL ENSURE THAT ALL WORK MEETS ALL APPLICABLE LOCAL AND NATIONAL BUILDING AND SAFETY CODES THAT PERTAIN TO THE PROJECT WORK. IF THERE IS A DISCREPANCY BETWEEN A CODE AND THE CONTENT OF THE PLANS, THE CONTRACTOR IS TO CONSULT LANDSCAPE ARCHITECT BEFORE PROCEEDING.
4. PARKING, EQUIPMENT AND MATERIAL STORAGE IS PERMITTED ONLY IN THE AREA PROVIDED ON THIS PLAN. PARKING FOR MATERIAL STORAGE OUTSIDE THIS AREA, EVEN TEMPORARILY, WILL NOT BE PERMITTED.
5. LANDSCAPE/PLANTING CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT TO REVIEW PLANS BEFORE COMMENCING WORK IN ORDER TO ASSURE CLOSE COORDINATION.
6. PRIOR TO PROJECT COMPLETION, THE SITE IS TO BE THOROUGHLY CLEANED OF ALL CONSTRUCTION DEBRIS, SIGNS, ETC. AND REVIEWED BY LANDSCAPE ARCHITECT AND OTHER RELEVANT CONSULTANTS.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO GROUND AND BOND ALL EXPOSED METAL OBJECTS IN LANDSCAPE AS REQUIRED BY CODE.
8. CONTRACTOR MUST CLEAN UP ALL TRASH AND DEBRIS ON THE CONSTRUCTION SITE AT THE END OF EACH DAY. LIGHTWEIGHT MATERIAL, PACKING, AND OTHER ITEMS MUST BE COVERED OR WEIGHTED DOWN TO PREVENT WIND FROM BLOWING SUCH MATERIALS OFF THE CONSTRUCTION SITE. CONTRACTORS ARE PROHIBITED FROM DUMPING, BURRYING, OR BURNING TRASH ANYWHERE ON THE SITE. DURING THE CONSTRUCTION PERIOD, THE CONSTRUCTION SITE MUST BE KEPT NEAT AND TIDY TO PREVENT IT FROM BECOMING AN EYESORE FOR SURROUNDING PROPERTY OWNERS. DIRT, MUD, OR OTHER DEBRIS RESULTING FROM ACTIVITY ON THE SITE MUST BE PROMPTLY REMOVED FROM SURROUNDING ROADS.
9. CONTRACTOR IS TO CREATE A WORK SCHEDULE AND DISTRIBUTE TO OWNER, LANDSCAPE ARCHITECT, AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. THE SCHEDULE IS TO CLEARLY OUTLINE DATES FOR:
 - 9.1. PRE-CONSTRUCTION MEETING TO REVIEW CONSTRUCTION FENCE, EROSION & SEDIMENT CONTROL MEASURES AND TREE PROTECTION MEASURES.
 - 9.2. REVIEW OF MATERIAL MOCKUPS (SEE MATERIAL NOTES).
 - 9.3. REVIEW OF SITE AND ARCHITECTURAL LAYOUTS.
 - 9.4. ALL RELEVANT ARCHITECTURAL, STRUCTURAL, POOL AND MEP REVIEWS.
 - 9.5. CONCRETE FOUNDATION AND SLAB REVIEW DATES.
 - 9.6. MASONRY REVIEW DATES.
 - 9.7. LANDSCAPE PLANTING TREE LAYOUTS (WITH FLAGS) AND PLANT QUANTITY REVIEW (BEFORE PLANTING).
 - 9.8. FINAL PLANTING AND HARDSCAPE REVIEW.
 - 9.9. PROJECT COMPLETION.

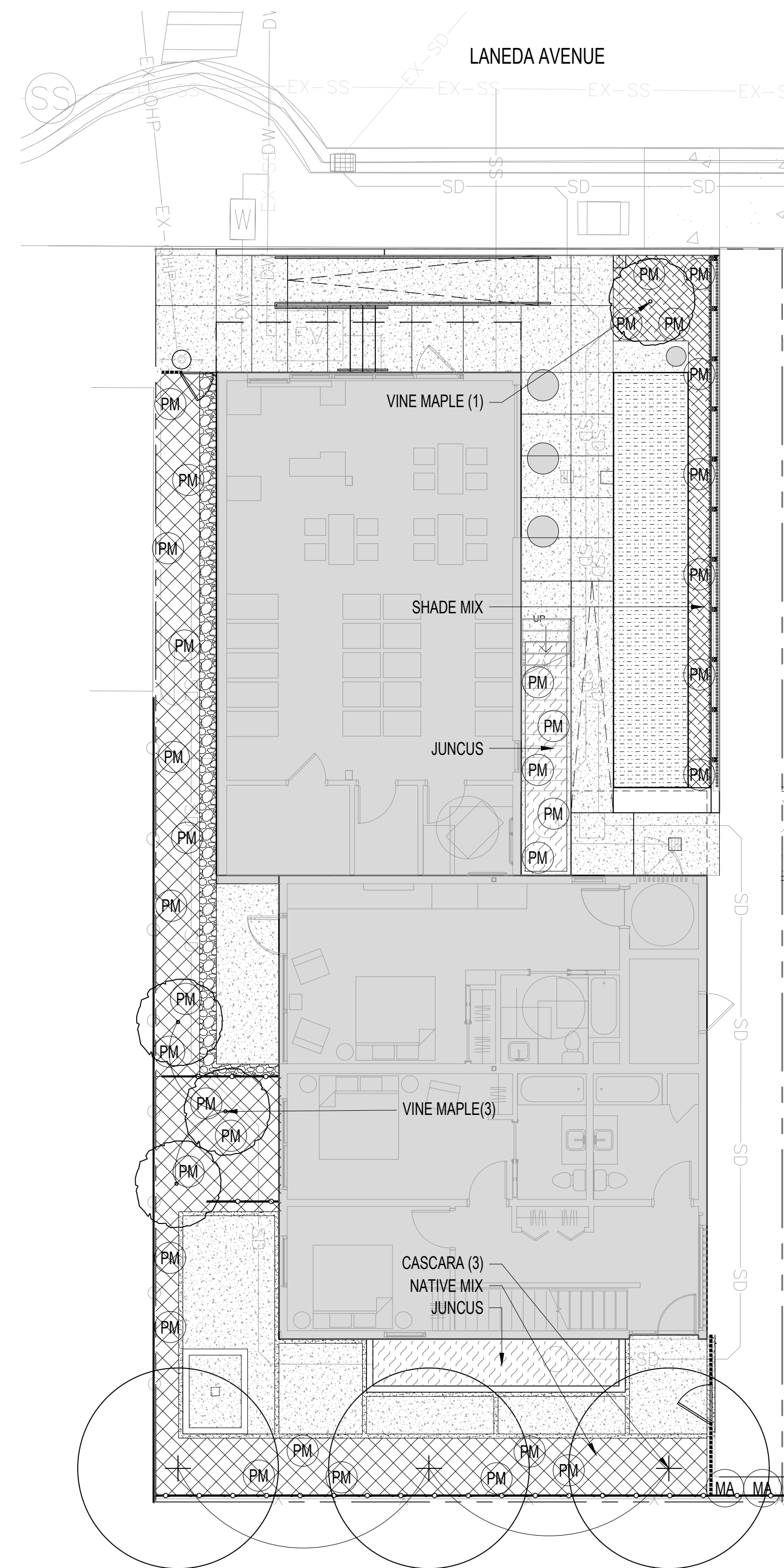
UTILITY NOTES

1. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
2. VERIFY LOCATIONS AND DEPTHS OF ALL UTILITIES IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS BETWEEN LAYOUT/GRADING AND UTILITIES PRIOR TO CONSTRUCTION.
3. TRENCHING FOR UTILITIES WILL BE PERMITTED IN APPROVED LOCATIONS ONLY. CONTRACTOR MUST ALERT LANDSCAPE ARCHITECT PRIOR TO TRENCHING FOR LOCATION REVIEW AND APPROVAL.

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LANDSCAPE LEGEND

PROPERTY LINE

PLANTING SCHEDULE

TREES		
SYM.	BOTANICAL NAME / COMMON NAME	SIZE
AC	ACER CIRCINATUM VINE MAPLE	2" CAL.
RP	RHAMNUS PURSHIANA CASCARA TREE	2" CAL.
SHRUBS		
SYM.	BOTANICAL NAME / COMMON NAME	SIZE
MA	MAHONIA REPPENS CREEPING OREGON GRAPE	2 GAL.
PM	POLYSTICHUM MUNITUM WESTERN SWORD FERN	2 GAL.
GROUNDCOVERS		
SYM.	BOTANICAL NAME / COMMON NAME	SIZE
	SHADE MIX (TO INCLUDE EQUAL MIX OF) ASARUM CAUDATUM / WESTERN WILD GINGER TIARELLA 'SUGAR AND SPICE' / FOAM FLOWER OXALIS OREGANA / OREGON OXALIS	1 GAL.
	NATIVE MIX CORNUS CANADENSIS/BUNCHBERRY DOGWOOD BLECHUM SPICANT/DEER FERN	2 GAL.
	STORMWATER PLANTER JUNCUS TENUIS/SOFT RUSH,	2 GAL.

PLANTING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT PLANT QUANTITIES REQUIRED BASED ON THIS PLAN. QUANTITIES SHOWN IN PLANT CALLOUTS ARE FOR CONTRACTOR'S CONVENIENCE ONLY AND THE NUMBER OF ACTUAL PLANT SYMBOLS SHOWN SHALL TAKE PRECEDENCE IN THE CASE OF DISCREPANCIES.
2. ALL PLANTING AREAS TO BE FULLY IRRIGATED UNLESS OTHERWISE NOTED.
3. ALL PLANTS TO BE LAID OUT BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
4. CLEAR PROPOSED PLANTING AREAS OF ALL INVASIVE PLANTS PRIOR TO PLANTING. CONTACT LANDSCAPE ARCHITECT IF THERE ARE PLANTS THAT ARE QUESTIONABLE TO BE REMOVED.

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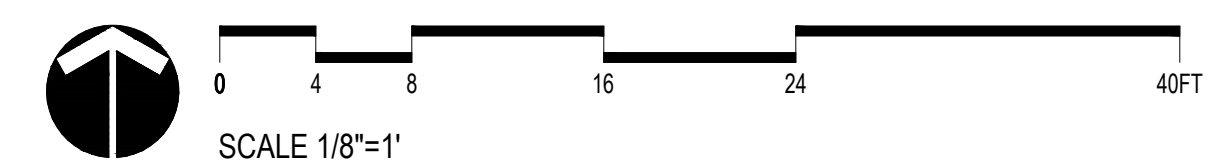
Issue Date

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PLANTING PLAN

Sheet No:

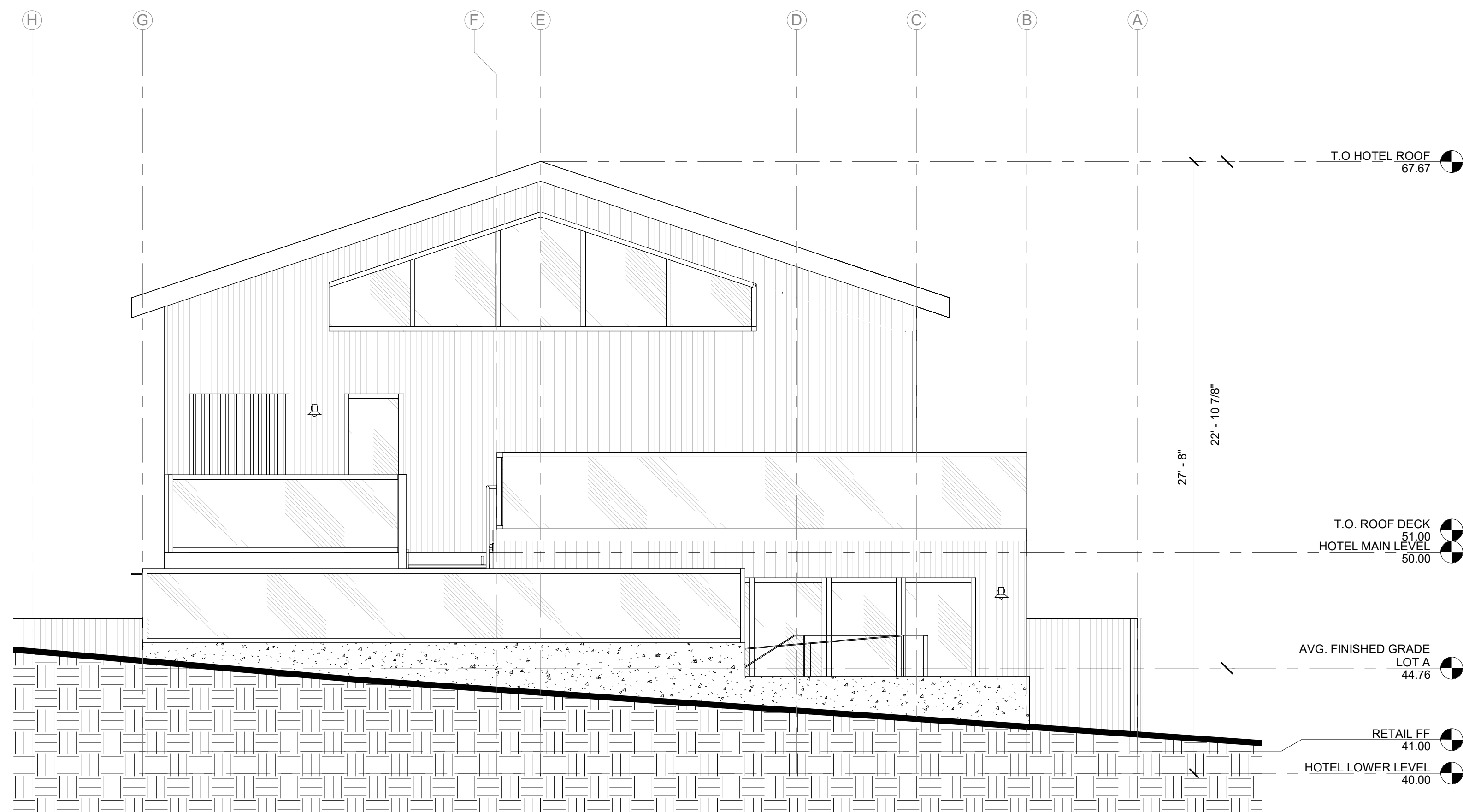
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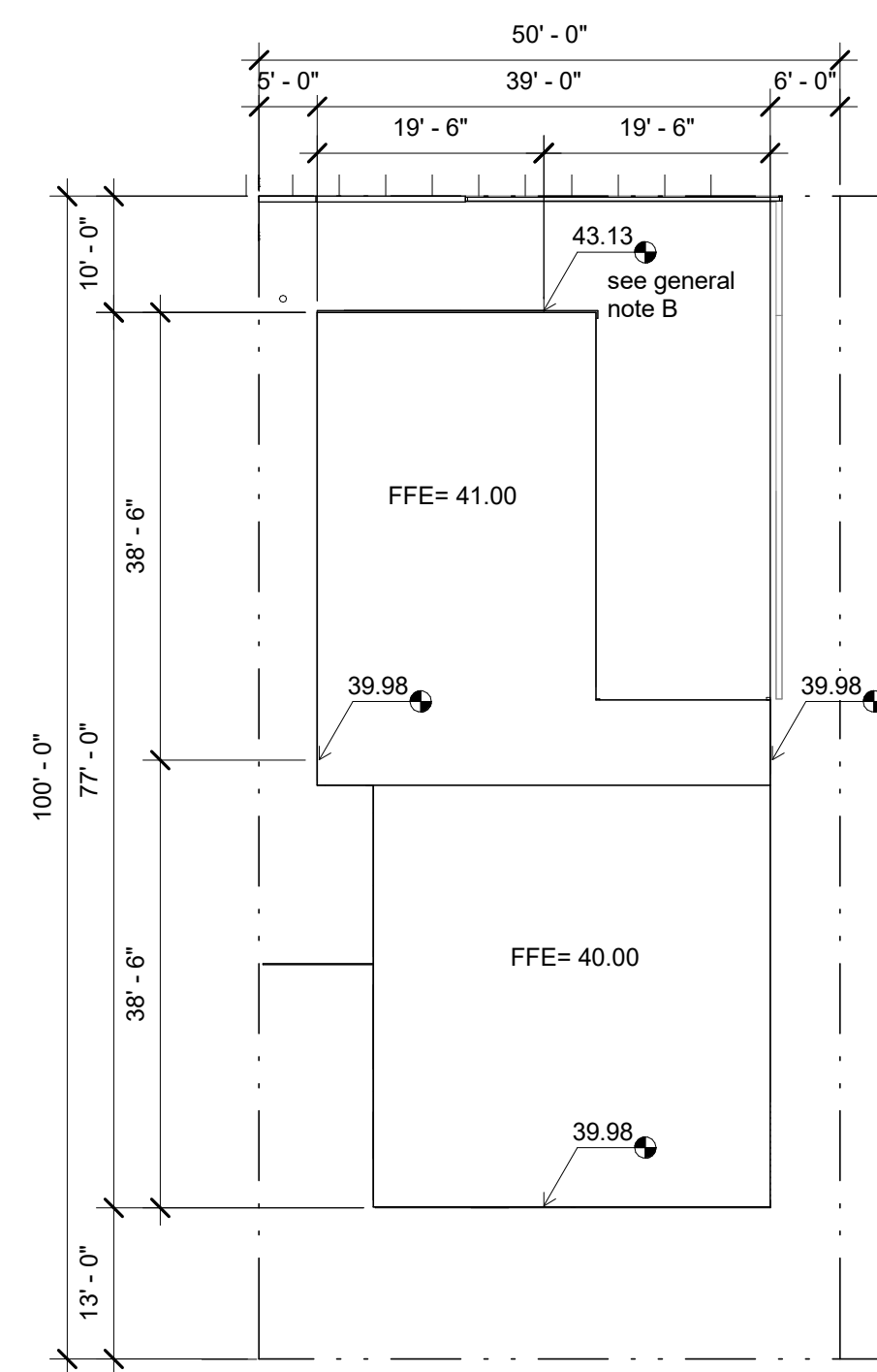
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1 LOT A - SECTION @ SIDEWALK DR
1/4" = 1'-0"



2 LOT A - MAIN LEVEL
1/16" = 1'-0"

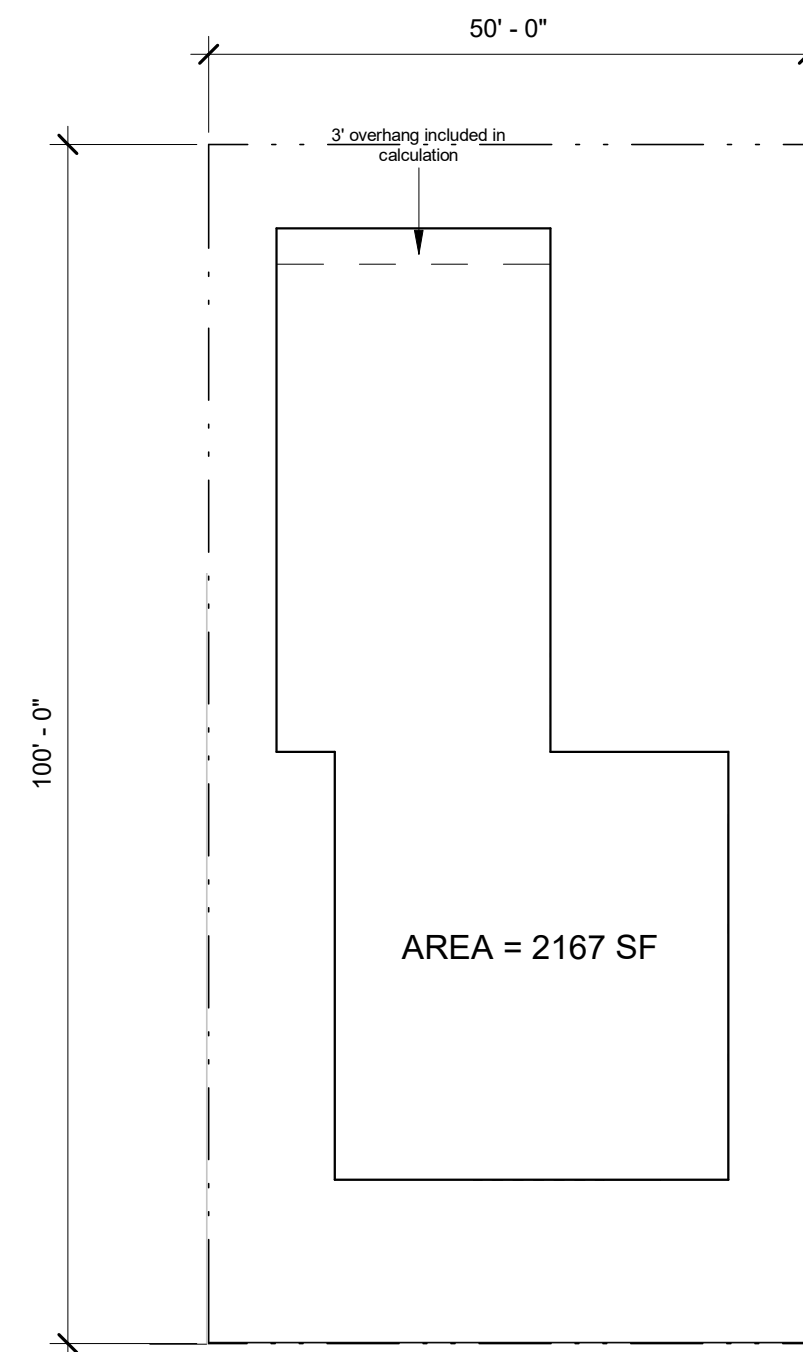
GENERAL NOTES AVG. FINISHED GRADE

- A. GRADES REFERENCED FROM C3.0 GRADING PLAN.
- B. GRADE ELEVATION TAKEN FROM SIDEWALK ADJACENT TO MID-POINT OF BUILDING PER DEFINITION OF AVERAGE FINISHED GRADE IN MANZANITA ZONING CODE.

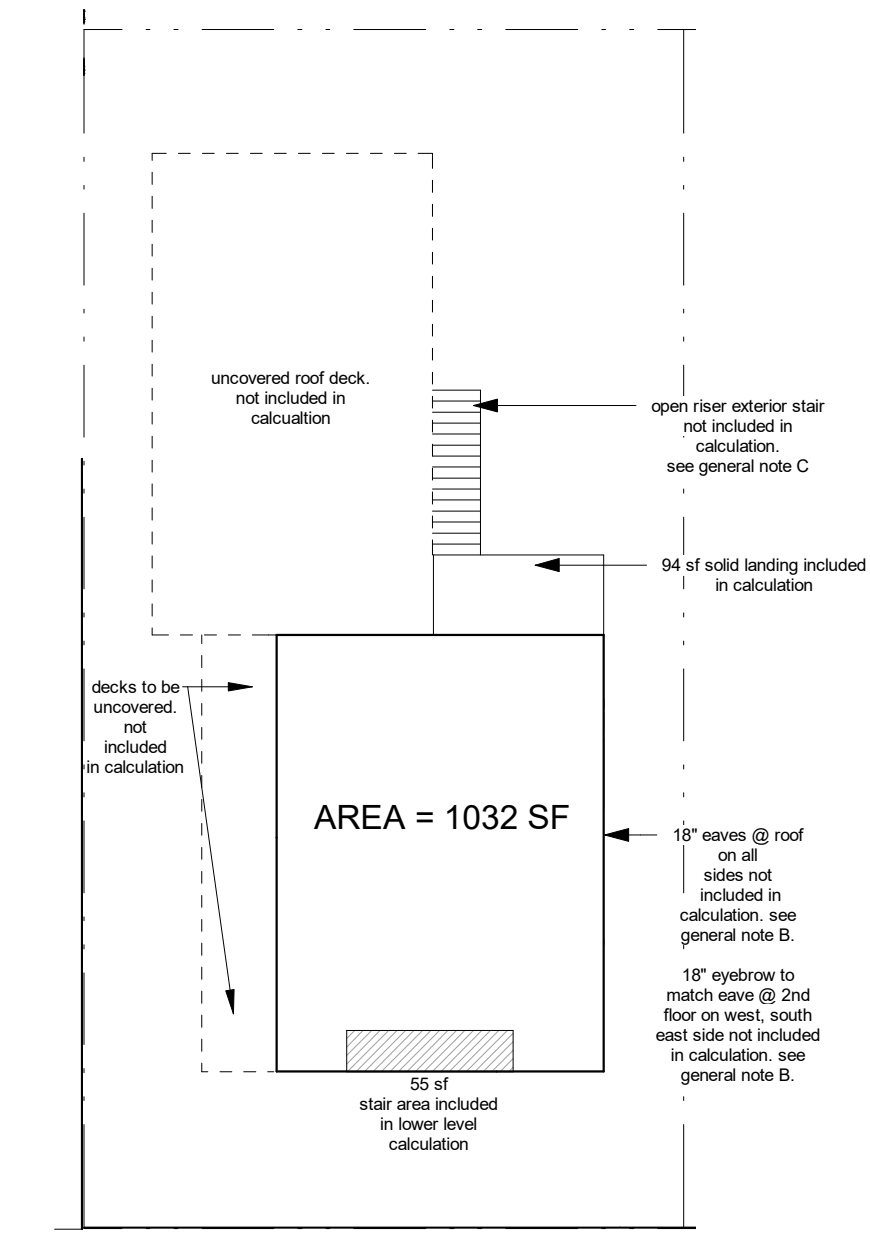
AVG. FINISHED GRADE CALCULATION

PER CITY OF MANZANITA ZONING CODE, THE AVERAGE FINISHED GROUND OR SIDEWALK ADJACENT TO THE MID-POINTS OF ALL EXTERIOR WALLS OF THE BUILDING WALL.

$$43.13 + 39.98 + 39.98 + 39.98 = 163.97 / 4 = 41.74$$



3 LOT A - LOWER LEVEL
1/16" = 1'-0"



4 LOT A - MAIN LEVEL
1/16" = 1'-0"

GENERAL NOTES FAR

- A. FLOOR AREA MEASURED WITHIN THE INSIDE PERIMETER OF THE EXTERIOR WALLS OF THE BUILDING PER DEFINITION OF FLOOR AREA, GROSS IN MANZANITA ZONING CODE.
- B. 18" BUILDINGS EAVES ARE BEST PRACTICE MEANS OF PROTECTING THE BUILDING FROM NATURAL ELEMENTS AND ARE NOT INCLUDED IN CALCULATION SINCE THEY ARE NOT USABLE AREA. EAVES ALLOWED TO PROJECT INTO REQUIRED YARD MAX 18" PER SECTION 6.040.
- C. OPEN RISER CONCRETE STAIRS NOT COUNTED TOWARDS FAR CALCULATION AS THEY DON'T CREATE USABLE AREA DUE TO BEING EXPOSED TO NATURAL ELEMENTS.

LOT A FAR CALCULATION

TOTAL LOT SIZE:	5,000 SF
FAR ALLOWANCE:	.65 (3,250 SF ALLOWANCE)
FAR CALCULATION:	LOWER LEVEL 2,167 SF
	MAIN LEVEL 1,031 SF
	TOTAL: 3,198 SF
FAR:	.639

**STEEPLEJACK
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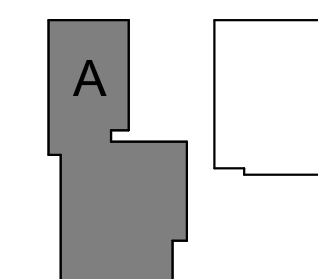
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Issue _____ Date _____

Drawing:
**ZONING AND HEIGHT
ANALYSIS**

Sheet No:

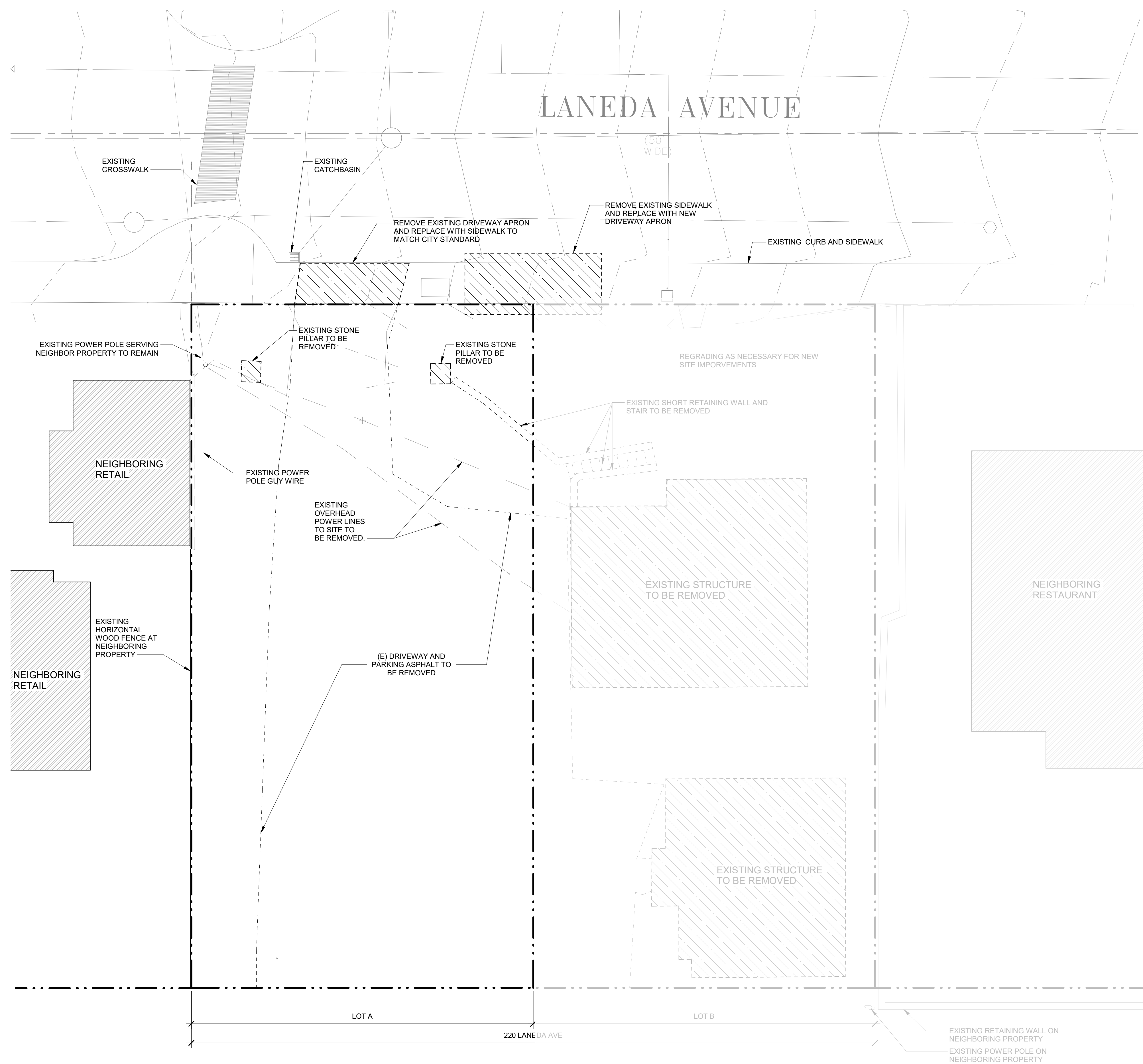
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KEY PLAN

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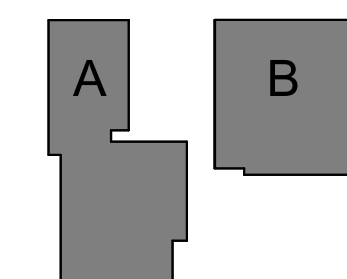
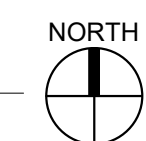


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1 EXISTING CONDITIONS
1/8" = 1'-0"



KEY PLAN

DD SET 06.08.2022

Issue Date

Drawing:

**EXISTING
CONDITIONS**

Sheet No:




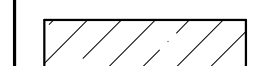
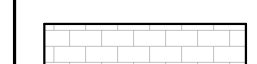
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GENERAL SHEET NOTES

A. SEE LANDSCAPE PLANS FOR SITE FINISHES, TABULATED LANDSCAPE AREAS AND PLANTING LOCATIONS.

LEGEND

-  PROPERTY LINE
-  EXISTING BUILDINGS
-  EARTH FILL
-  LANDSCAPE AREA
-  PERMEABLE PAVERS

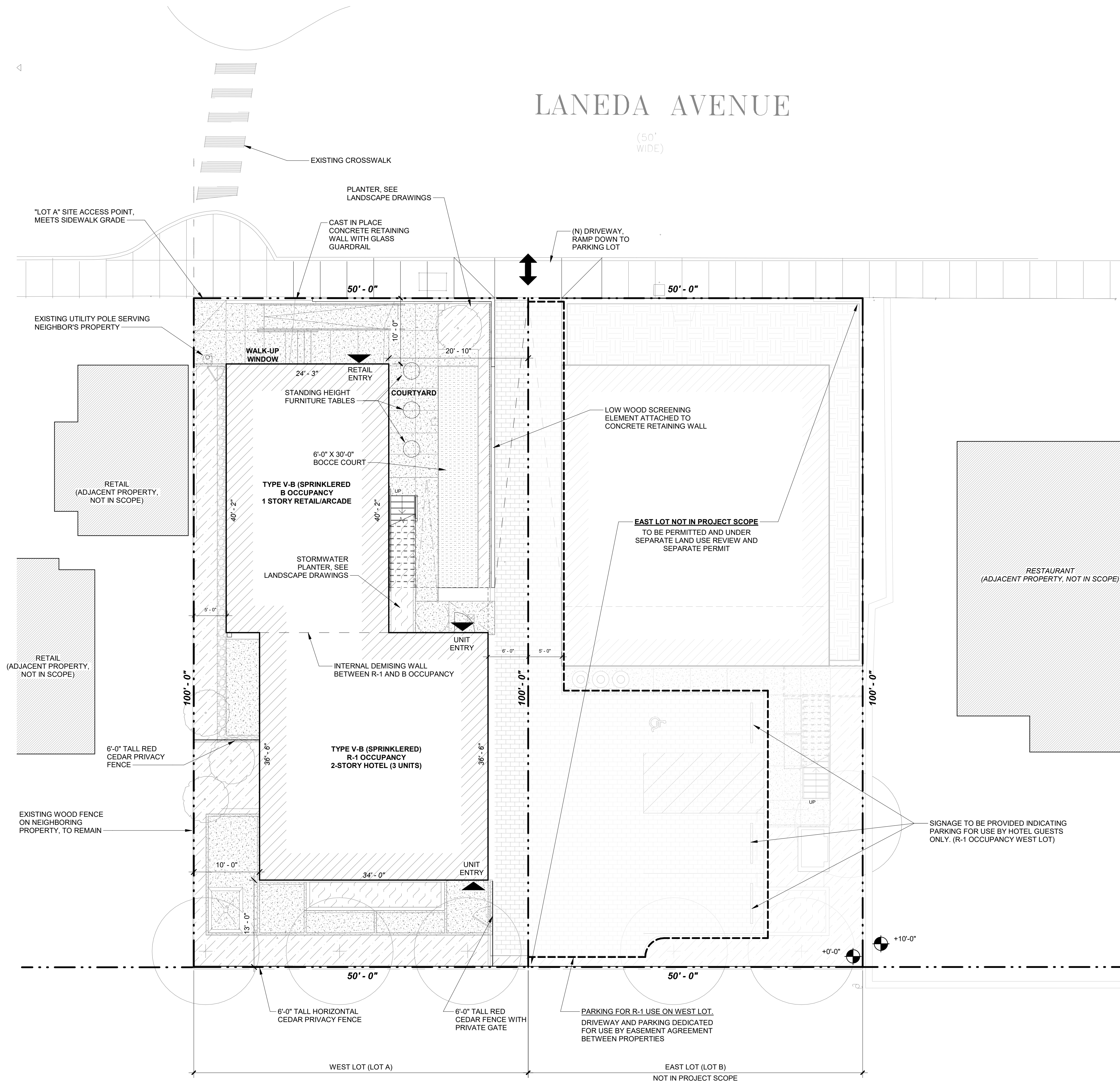
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LANEDA AVENUE

(50' WIDE)



MINIMUM PARKING STALL REQUIREMENTS (PER MZO #95-4.090 OFF-STREET PARKING REQUIREMENTS)

HOTEL, AS DEFINED BY MZO #95-4.090(3)
 "1 space for each unit of 400 square feet or less, if that unit has only one bedroom; One and 1/4 spaces per unit for all other units; and 2 spaces for a manager's unit."
 (2) STUDIO UNITS LESS THAN 400 SQUARE FEET EACH = 2 PARKING SPACES REQUIRED (1 EACH)
 (1) TWO BEDROOM UNIT = 1.25 PARKING SPACES REQUIRED
 TOTAL: = **3 REQUIRED** (rounded to nearest whole number per MZO 4.090.1)

RETAIL, AS DEFINED BY MZO #95-4.090(2)
 "Development of no more than two (2) retail, restaurant or office spaces on lots of 5,000 square feet or less in the C-1 or L-C zones will require no parking spaces in excess of that required by the Americans with Disabilities Act (ADA) or required by Section 4.090(3)(b) below."
 (1) RETAIL SPACE, LESS THAN 5,000 SQ FT = 0 PARKING SPACES REQUIRED
 TOTAL: = **0 REQUIRED**

AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBLE PARKING REQUIREMENTS
 REQUIRES 1 STALL OF PROVIDED PARKING LOT TO BE ACCESSIBLE WHEN 1-25 STALLS ARE PROVIDED.

FUNCTION	QTY OF STALLS PROVIDED	NO. OF PROVIDED STALLS REQUIRED TO BE ACCESSIBLE
HOTEL	3	(1 TO 25 STALLS) = 1 ACCESSIBLE
RETAIL*	0	0 = 0 ACCESSIBLE*
TOTAL	3	(1 TO 25 STALLS) = 1 ACCESSIBLE

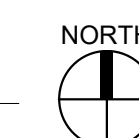
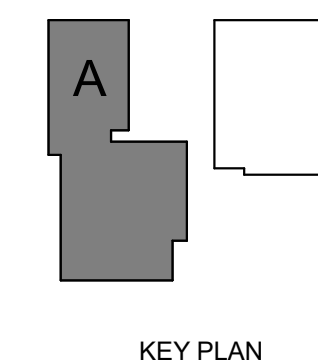
*NOTE: NO PARKING IS REQUIRED FOR RETAIL FUNCTION, AND NO PARKING IS PROVIDED FOR RETAIL.
 SIGNAGE WILL BE PROVIDED FOR PARKING SPACES NOTING THAT PARKING IS FOR HOTEL GUESTS ONLY.

Issue _____ Date _____

Drawing:
SITE PLAN- LOWER LEVEL

Sheet No:

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1 DESIGN REVIEW SITE PLAN - LOWER LEVEL

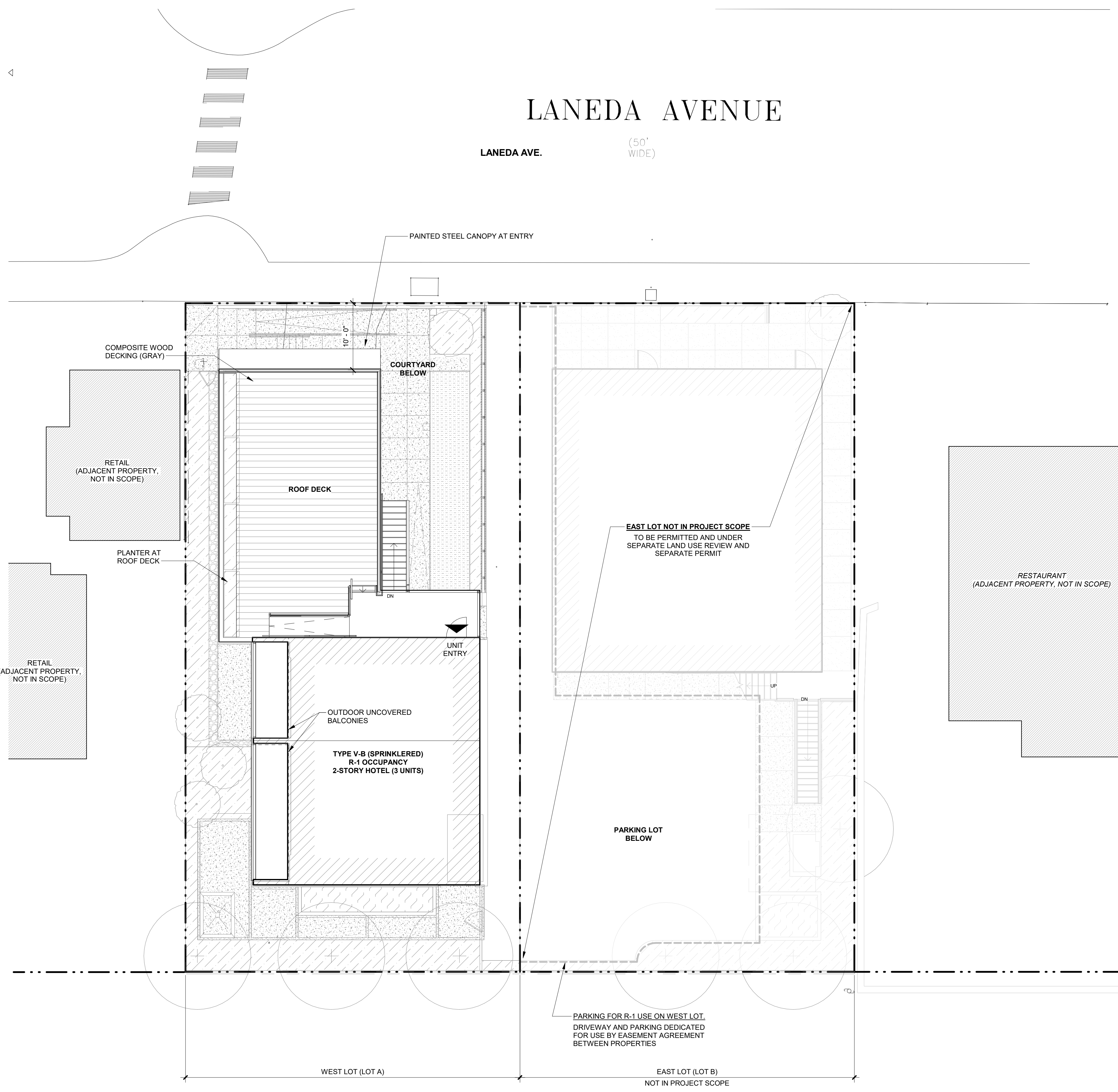
1/8" = 1'-0"

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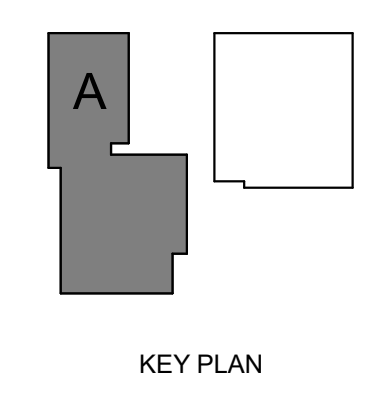
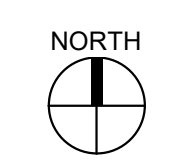
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GENERAL SHEET NOTES	
A. SEE LANDSCAPE PLANS FOR SITE FINISHES, TABULATED LANDSCAPE AREAS AND PLANTING LOCATIONS.	
LEGEND	
	PROPERTY LINE
	EXISTING BUILDINGS
	EARTH FILL
	LANDSCAPE AREA
	PERMEABLE PAVERS

1 DESIGN REVIEW SITE PLAN - MAIN LEVEL
 1/8" = 1'-0"



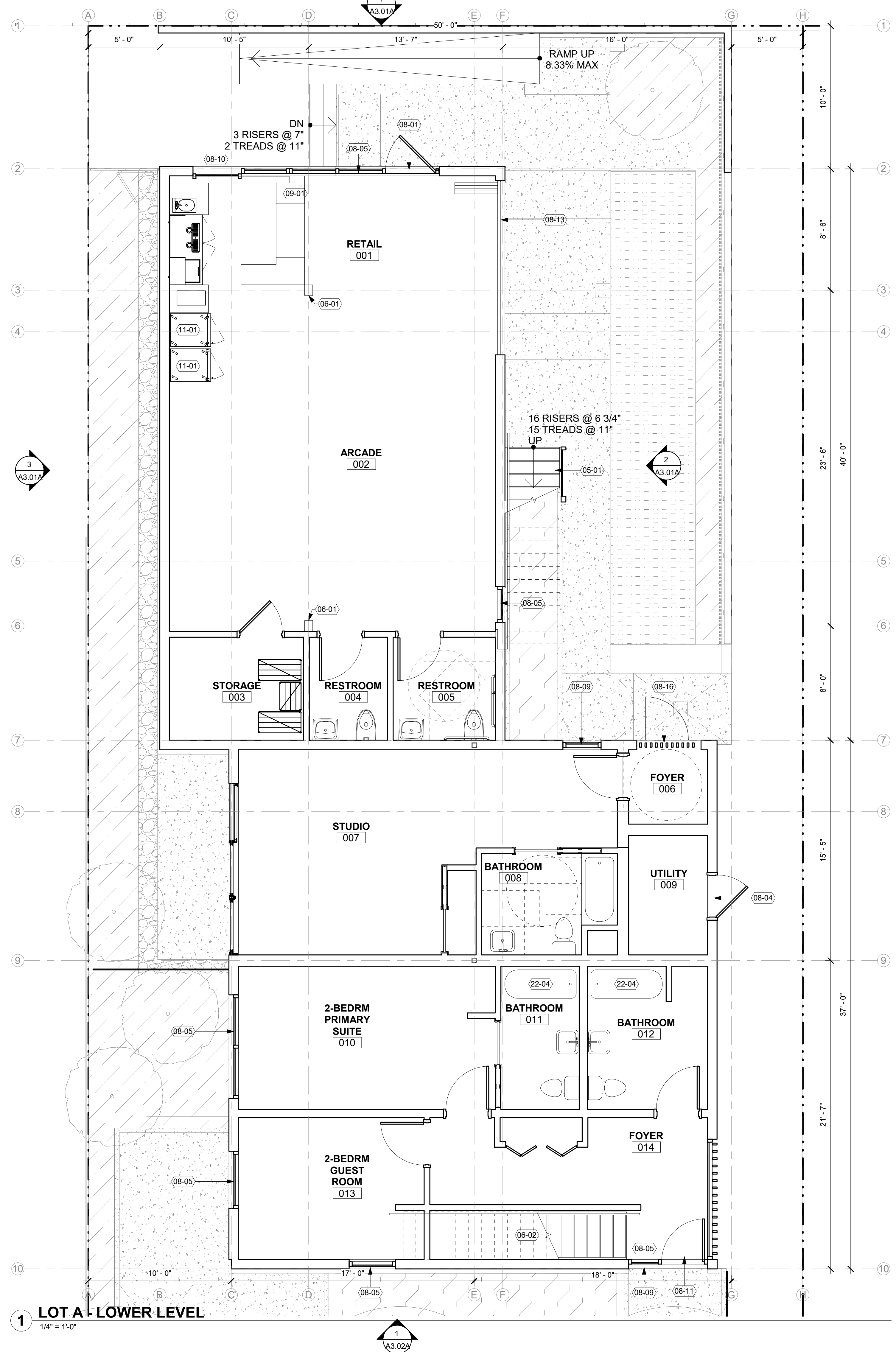
Issue _____ Date _____

Drawing:
SITE PLAN - MAIN LEVEL

Sheet No:
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1 LOT A - LOWER LEVEL
1/4" = 1'-0"

GENERAL SHEET NOTES

- A. ALL INTERIOR WALLS TO BE TYPE IW-01, UNLESS NOTED OTHERWISE.
- B. ALL GRIDS TO F.O. CONCRETE STEM WALL, F.O. STUD AND CENTERLINE OF COLUMN.

KEYNOTES (07-02)

- 05-01 STEEL STAIR WITH CONCRETE PAN TREADS (OPEN RISERS), GLASS GUARDRAIL AND STEEL HANDRAIL
- 06-01 WOOD POST. SEE STRUCTURAL
- 06-02 WOOD STAIR AND HANDRAIL
- 08-01 7'-0" x 3'-6" STOREFRONT DOOR
- 08-04 3'-0" x 7'-0" PAINTED HM DOOR
- 08-05 ALUMINUM STOREFRONT SYSTEM STAINED GLASS PANEL
- 08-09 6'-9"x5'-7" ALUMINUM SLIDING WALK UP WINDOW DOOR
- 08-10 3'-0"x7'-0" ALUMINUM STOREFRONT FULL LITE DOOR
- 08-11 7'-0"x12'-0" FOLDING ALUMINUM DOOR (4 PANELS)
- 08-13 3'-0"x7'-0" THERMALIZED WOOD SLAT DOOR.
- 08-16 36" BAR. SOLID SURFACE BAR TOP, FACED WITH TILE. CABINETRY BELOW
- 11-01 4' x 2' REACH IN COOLER BY OWNER
- 22-04 BATHTUB/SHOWER

LEGEND

- EXISTING
- NEW CONSTRUCTION
- 1 HOUR RATED ASSEMBLY
- ASSEMBLY TAG



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Portland, OR 97214

503.226.3617
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STEEPLEJACK MANZANITA

Job Number: 21119

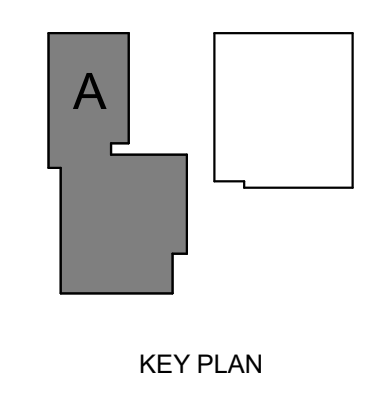
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Issue _____ Date _____

Drawing:
LOWER LEVEL PLAN

Sheet No:

A2.10A



KEY PLAN

GENERAL SHEET NOTES

- A. ALL INTERIOR WALLS TO BE TYPE IW-01, UNLESS NOTED OTHERWISE.
- B. ALL GRIDS TO F.O. CONCRETE STEM WALL, F.O. STUD AND CENTERLINE OF COLUMN.

KEYNOTES (07-02)

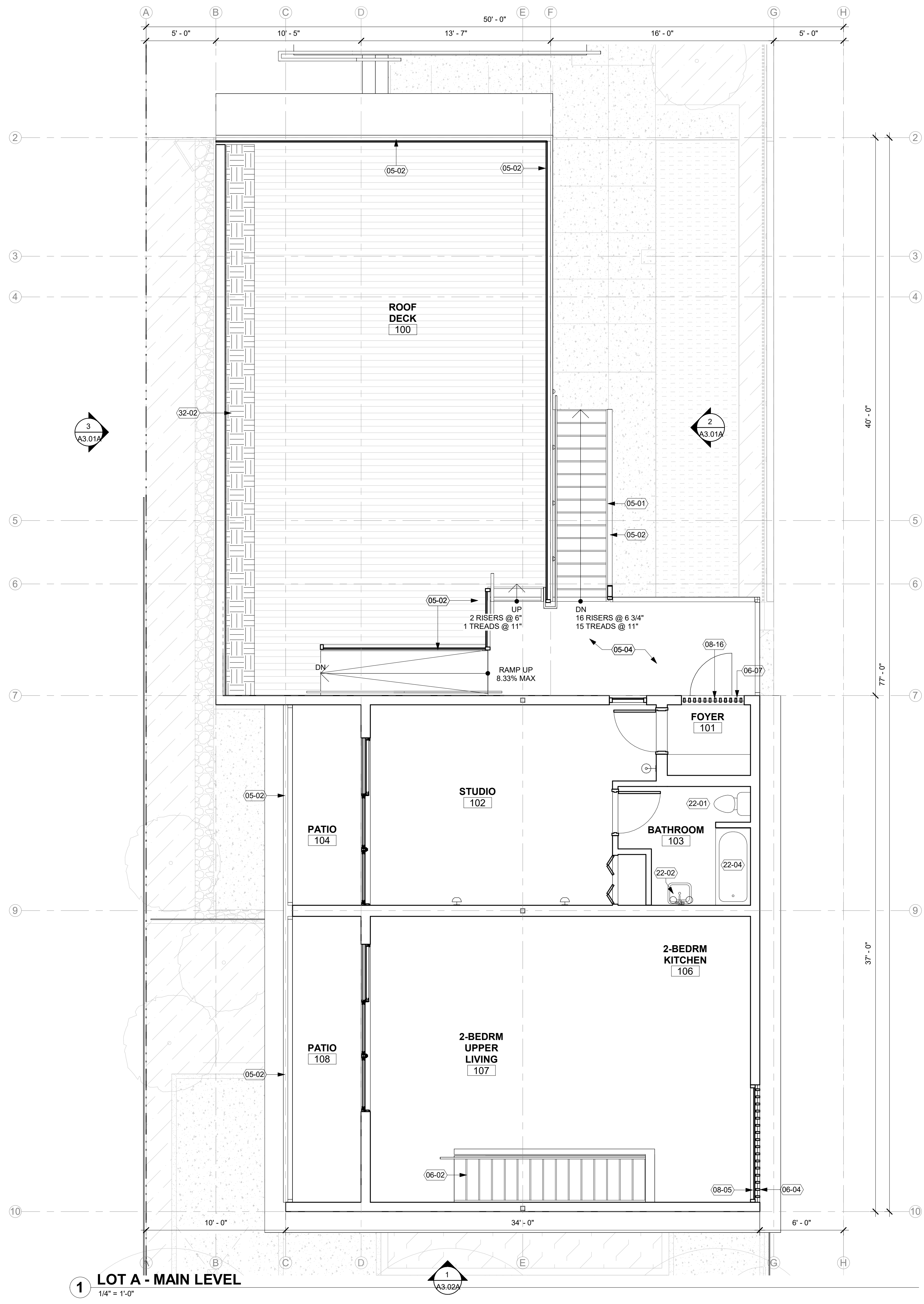
- 05-01 STEEL STAIR WITH CONCRETE PAN TREADS (OPEN RISERS), GLASS GUARDRAIL AND STEEL HANDRAIL
- 05-02 42" GLASS GUARDRAIL SYSTEM, ALUMINUM RAIL
- 05-04 STEEL PLATFORM WITH CONCRETE TOPPING
- 06-02 WOOD STAIR AND HANDRAIL
- 06-04 2x4 EXTERIOR THERMALIZED WOOD SLATS
- 06-07 2x4 THERMALIZED WOOD SCREEN WITH 3'-0" x 7'-0" INTEGRATED HINGED DOOR WITH LOCK
- 08-05 ALUMINUM STOREFRONT SYSTEM
- 08-16 3'-0"x7'-0" THERMALIZED WOOD SLAT DOOR.
- 22-01 TANK TYPE TOILET
- 22-02 LAVATORY AND CABINET BELOW
- 22-04 BATHTUB/SHOWER
- 32-02 ALUMINUM PLANTER.

LEGEND

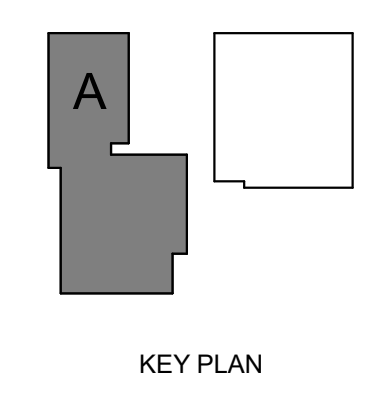
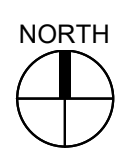
- EXISTING
- NEW CONSTRUCTION
- 1 HOUR RATED ASSEMBLY
- ASSEMBLY TAG

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1 LOT A - MAIN LEVEL
1/4" = 1'-0"



KEY PLAN

Issue _____ Date _____
Drawing: _____
MAIN LEVEL PLAN

Sheet No: _____
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MANZANITA**

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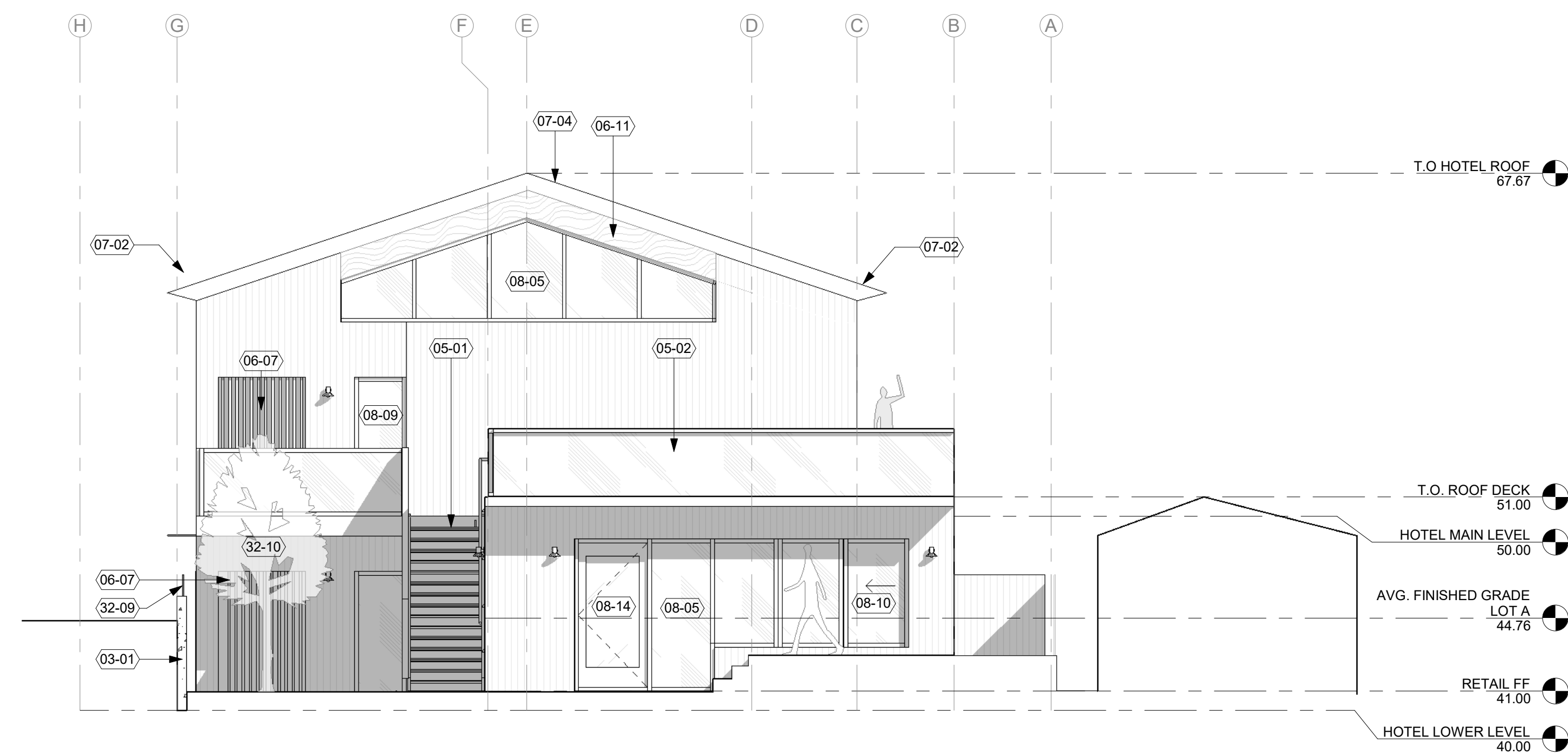
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KEYNOTES (07-02)

03-01	CONCRETE SITE WALL. BOARDFORM
05-01	STEEL STAIR WITH CONCRETE PAN TREADS (OPEN RISERS), GLASS GUARDRAIL AND STEEL HANDRAIL
05-02	42" GLASS GUARDRAIL SYSTEM. ALUMINUM RAIL
05-08	STEEL PLATFORM WITH CONCRETE TOPPING AND GLASS GUARDRAILS
05-09	1/2" STEEL CANOPY. 18" DEEP
06-04	2x4 EXTERIOR THERMALIZED WOOD SLATS
06-07	2x4 THERMALIZED WOOD SCREEN WITH 3'-0" x 7'-0" INTEGRATED HINGED DOOR WITH LOCK
06-11	EXPOSED GLULAM BEAM WITH EXTERIOR GRADE FINISH
07-02	SHEET METAL CUTTER
07-03	SHEET METAL CANOPY
07-04	STANDING SEAM ROOF
07-05	SHEET METAL DOWNSPOUT
08-02	7'-9" x 12' FOLDING ALUMINUM DOOR (4 PANELS)
08-04	3'-0" x 7'-0" PAINTED HM DOOR
08-05	ALUMINUM STOREFRONT SYSTEM
08-09	STAINED GLASS PANEL
08-10	6'-9"x5'-7" ALUMINUM SLIDING WALK UP WINDOW DOOR
08-14	3'-0"x7'-8" ALUMINUM STOREFRONT DOOR
08-17	8'-0"x12'-0" PATIO SLIDER SYSTEM
32-01	LANDSCAPING. SEE LANDSCAPE
32-02	ALUMINUM PLANTER
32-09	SCREENED SITE WALL. SEE LANDSCAPE
32-10	TREE. SEE LANDSCAPE
32-13	WOOD FENCE. SEE LANDSCAPE

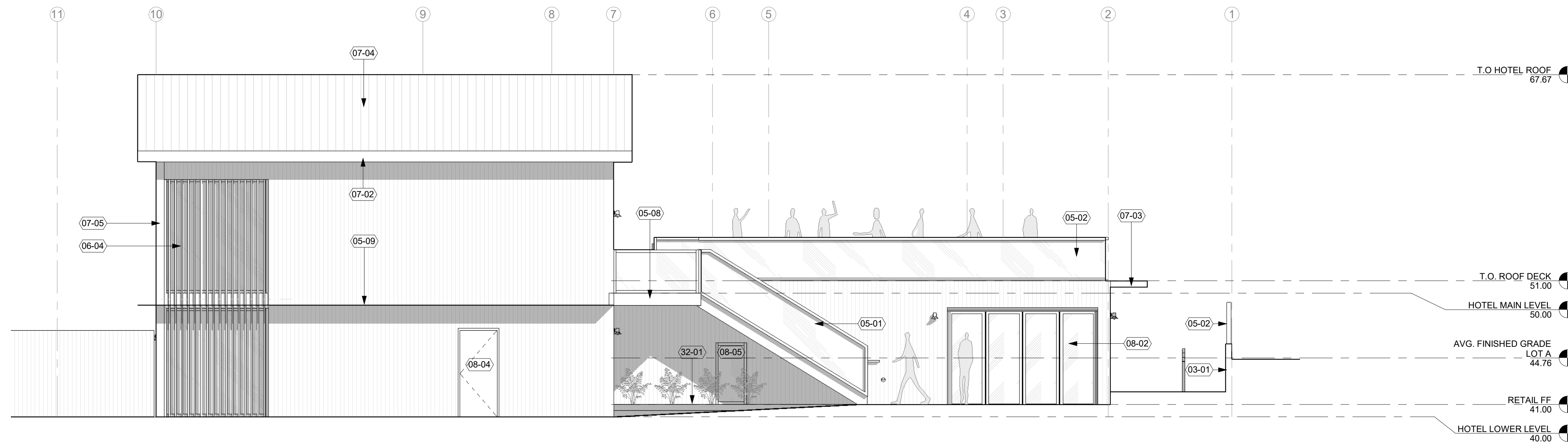
LEGEND

	1x6 VERTICAL T&G RED CEDAR WOOD SIDING
	CAST-IN PLACE BOARDFORM CONCRETE NATURAL FINISH
	STONE TILE
	STOREFRONT BLACK ANODIZED ALUMINUM



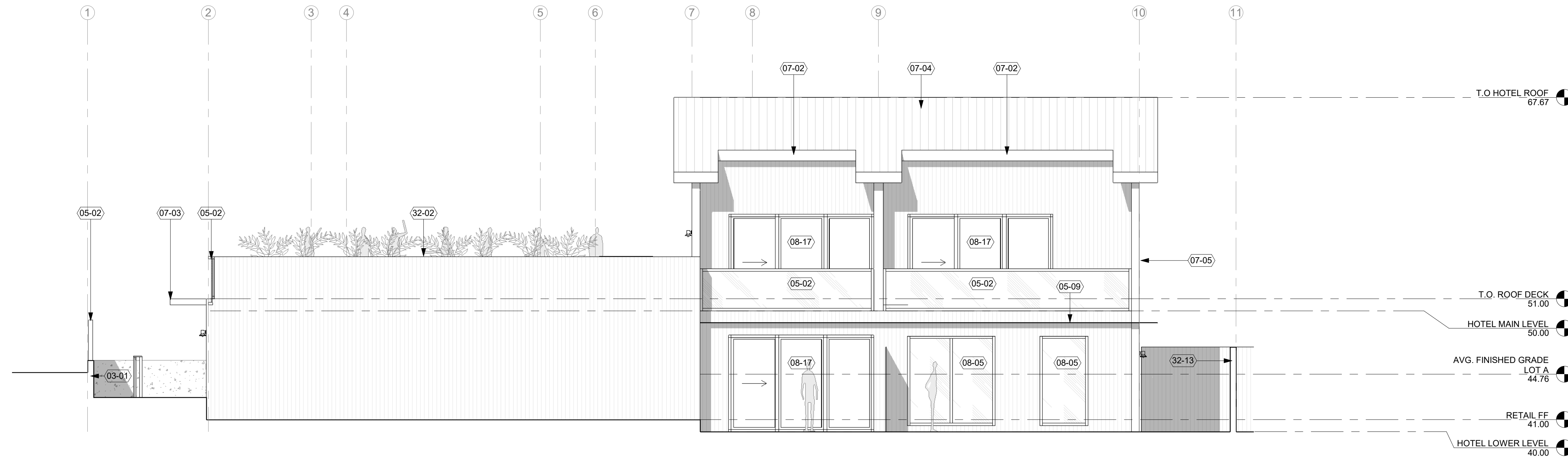
1 NORTH ELEVATION A

3/16" = 1'-0"



2 EAST ELEVATION A

3/16" = 1'-0"



3 WEST ELEVATION A

3/16" = 1'-0"

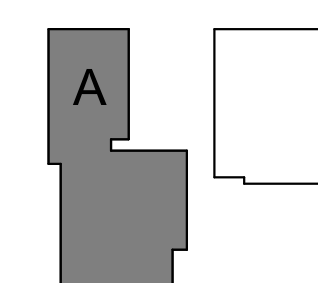
Issue _____ Date _____

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**EXTERIOR
ELEVATIONS**

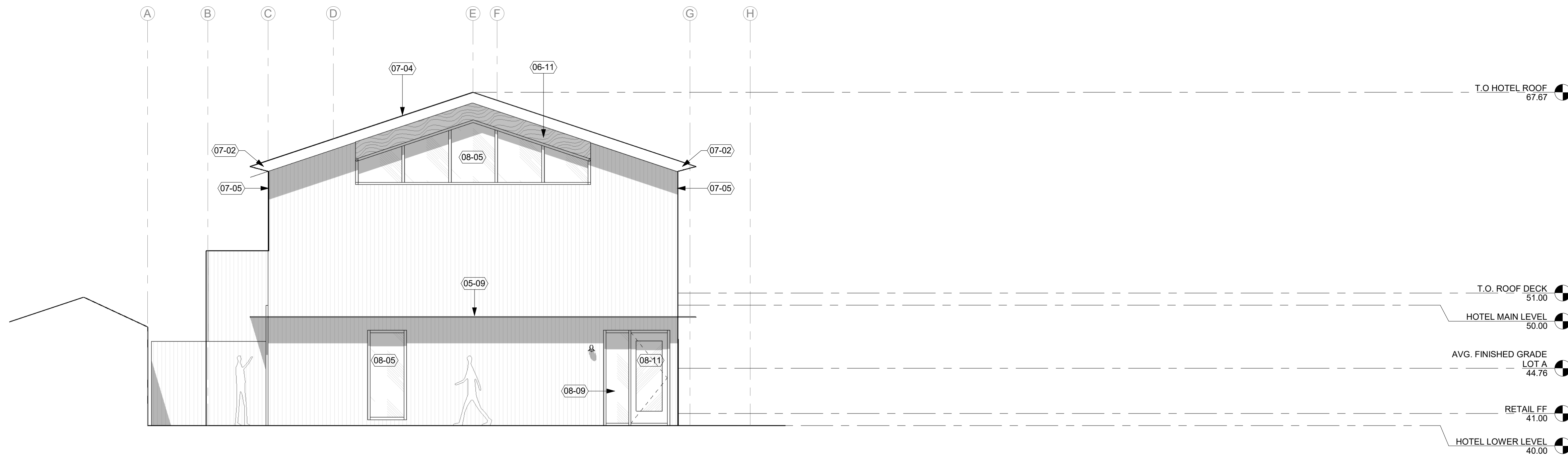
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KEY PLAN

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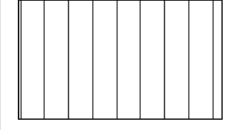
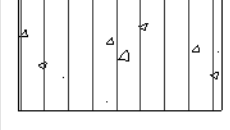

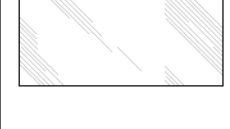


1 SOUTH ELEVATION A
3/16" = 1'-0"

KEYNOTES (07-02)

- 05-09 1/2" STEEL CANOPY, 18" DEEP
- 06-11 EXPOSED GLULAM BEAM WITH EXTERIOR GRADE FINISH
- 07-02 SHEET METAL GUTTER
- 07-04 STANDING SEAM ROOF
- 07-05 SHEET METAL DOWNSPOUT
- 08-05 ALUMINUM STOREFRONT SYSTEM
- 08-09 STAINED GLASS PANEL
- 08-11 3'-0"x7'-0" ALUMINUM STOREFRONT FULL LITE DOOR

LEGEND

-  1x6 VERTICAL T&G RED CEDAR WOOD SIDING
-  CAST-IN PLACE BOARDFORM CONCRETE NATURAL FINISH
-  STONE TILE
-  STOREFRONT BLACK ANODIZED ALUMINUM

**STEEPLEJACK
MANZANITA**

Job Number: 21119

220 LANEDA AVE
MANZANITA, OR, 97130

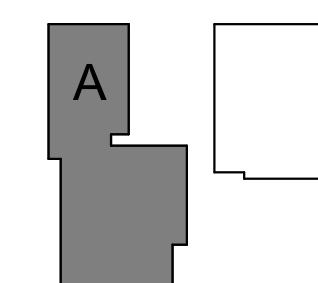
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**EXTERIOR
ELEVATIONS**

Sheet No:

A3.02A



KEY PLAN

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