

Final Decision

Planning Commission

File number(s):

DR 23-09, SA 23-07, & VAR 23-07

Project name:

Salud Medical Center Renovation

Date of decision:

January 11, 2024

Date of mailing:

January 19, 2024

Applicant:

Meghan Panarella, Clark Kjos Architects

Landowner:

Yakima Valley Farm Workers Clinic

Site location:

1175 Mt Hood Avenue (Tax Lot 051W08BC00800)

Decision:

Approved with Conditions

Proposed Development

The subject property is 1175 Mt Hood Avenue, a 3.92-acre property in the Commercial Office (CO) zoning district. It is already developed with a medical office building occupied by Salud Medical Center.

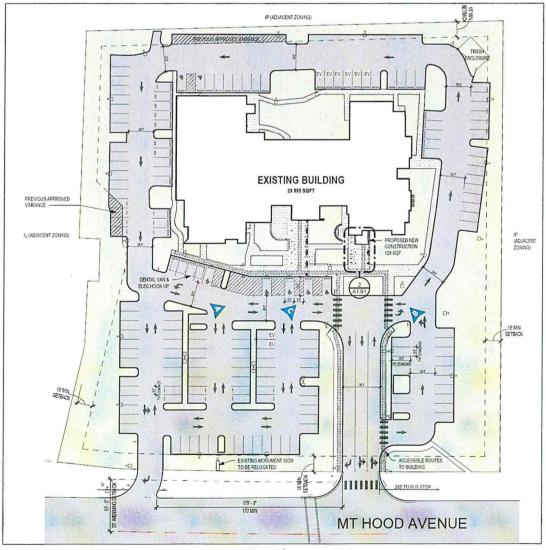
The proposal before the Planning Commission was a Design Review application to construct a 129 square foot front vestibule entryway to the pharmacy area, expand the existing parking lot to add 39 new stalls, and add a second driveway onto Mt Hood Avenue. While not relevant for the Design Review, the project also includes significant interior work to the existing building – new casework, flooring, baseboards, paint, and all new interior lighting, and several spaces will undergo layout changes that will require modifications to ceilings, structural, mechanical, and electrical components.

A Street Adjustment application was included to request a modified cross-section for Mt Hood Avenue. A Variance application was also included, with requests to not meet standards related to parking lot setback, street trees, perimeter screening, and on-site exterior lighting.

Public Hearing Summary

On January 11, 2024, the Planning Commission held a public hearing for this Type III Design Review (DR), Street Adjustment (SA), and Variance (VAR) application package. Written testimony was received by the property owner of 1055 Mt Hood Ave (Walt Griffiths, KWG Enterprises LLC, 3440 NW Covey Run Rd, Corvallis, OR 97330). Mr. Griffiths shared concerns about the applicant's Street Adjustment request, the street tree variance request, the proposed second driveway, emergency access through the site, and the perimeter screening variance request.

After closure of the record, the Commission deliberated, discussed the concerns brought up by Mr. Griffiths, and ultimately voted unanimously to approve the application package with the conditions recommended by staff in the staff report published January 4, 2024, except as modified by the staff memo dated January 9, 2024 to revise the due date of certain conditions to be prior to building permit final inspection.



Site Plan

Conditions of Approval

- 1. Substantial conformance: The applicant or successor shall develop the property in substantial conformance with the final plans submitted and approved with this application, except as modified by these conditions of approval. Were the applicant to revise plans other than to meet conditions of approval or meet building code, even if Planning Division staff does not notice and signs off on building permit issuance, Division staff retains the right to obtain restoration of improvements as shown on an earlier land use review plan set in service of substantial conformance.
- 2. Public Works conditions: The developer shall follow the attached "Public Works Conditions December 27, 2023" (Attachment 102).
- 3. Grading Permit: If required by 5.01.04B, the developer shall submit application for and obtain approval of a Grading Permit prior to beginning any grading or construction work on-site.
- 4. Fence Permit: To demonstrate conformance with 2.06.02 and 5.01.03, the developer shall submit application for and obtain approval of a Fence Permit for any new or modified fencing.
- 5. Mt Hood Avenue crosswalk: The developer shall re-stripe the crosswalk, install new reflective curbing along the median island, and replace any missing bollards within the median island at the Mt Hood Avenue / Park Avenue intersection. These improvements shall meet applicable ODOT standards and are due prior to building permit final inspection.
- 6. Transit development fee: Pursuant to 3.01.03I and 3.01.09, the developer shall pay to the City a transit development fee of \$166 per net additional parking stall to help implement TSP Project T10. Fee payment is due prior to building permit issuance.
- 7. Easements: The developer shall complete the following prior to building permit final inspection:
 - a. Water line: To meet 3.02.01A, grant a public utility easement over the public water line being extended through the property. Minimum width of this easement is 16 feet.
 - b. Streetside PUE: To meet 3.02.01B and Figure 3.01B, grant a 10-foot-wide public utility easement along the frontage of Mt Hood Avenue.
- 8. Street lighting: Pursuant to 3.02.03A, adjacent street lighting for Mt Hood Avenue shall comply with City of Woodburn and Portland General Electric (PGE) standards and specifications. The applicant shall either provide documentation to the attention of the Public Works Department indicating that existing illumination complies with the

- standards or install new lighting to conform. This is due prior to building permit final inspection.
- 9. Underground utilities: Pursuant to 3.02.04, all utility services to and within the development shall be underground.
- 10. Second driveway: The following conditions apply to the proposed second driveway:
 - a. Pursuant to 3.04.01D, the developer shall obtain the necessary approvals and/or permits from the Oregon Department of Transportation for the construction of a second driveway prior to building permit issuance. Documentation of the approval shall be provided as part of the building permit application.
 - b. Pursuant to 3.04.03B3, the proposed second driveway shall function as a rightout-only driveway. The developer shall install traffic control signage and pavement striping around the driveway to appropriately communicate this to drivers. Details of signage and striping shall be provided as part of the building permit application.
 - c. The maximum width of this driveway shall not exceed 12 feet at the property line.
- 11. On-site crosswalks: To meet 3.04.06D, the wide walkway crossings over the drive aisle shall be made visually distinct from the asphalt pavement by either using stamped concrete or constructing a raised walkway crossing. Revise site plans to demonstrate conformance as part of the building permit application.
- 12. Parking: The developer shall revise plans as needed to provide the following:
 - a. All existing and proposed parking stalls shall be delineated with double parallel line striping to meet 3.05.02K and Figure 3.05C.
 - b. Pursuant to 3.05.03B, accessible parking shall be provided to meet applicable state statute and building code requirements.
 - c. Pursuant to Table 3.05C, the developer shall provide at least 5 carpool/vanpool parking stalls that meet the striping and signage requirements in 3.05.03H.
 - d. Pursuant to Table 3.05E, the developer shall provide at least 8 electric vehicle parking stalls that meet the charging level, striping, and signage requirements in 3.05.03I.
 - e. Pursuant to 3.05.03E and Table 3.05D, the developer shall provide at least 25 bicycle parking stalls that meet the facility and dimension standards in 3.05.06 and Table 3.05G.
- 13. Trash enclosure: To meet 3.06.05A and Table 3.06D, the existing trash enclosure must be enclosed within an architectural wall that meets the design standards outlined in 3.06.06B. Revise plans as needed to demonstrate conformance.

- 14. Tree preservation: To protect and preserve the existing significant trees that are noted to remain, the developer shall follow the attached City of Portland Tree Protection Rules (Attachment 104) throughout the entire construction process.
- 15. Signage: As indicated on the site plans, the developer shall relocate the existing monument sign prior to building permit final inspection. The developer shall apply for and obtain a Sign Permit for this relocated sign, along with any other new or modified signage. The sign variance approved in March 2020 (VAR 2019-10) for this property shall continue to apply.

Notes to the Applicant

The following are not planning / land use / zoning conditions of approval, but are notes for the applicant to be aware of and follow:

- Permits: Permits are applied for using the <u>Oregon ePermitting</u> online permit system. The City Building Division administers building and mechanical permits; Marion County Public Works administers plumbing and electrical permits.
- 2. Records: Staff recommends that the applicant retain a copy of the subject approval.
- 3. Fences, fencing, & free-standing walls: The approval excludes any new fences, fencing, & free-standing walls, which are subject to WDO 2.06 and the permit process of 5.01.03.
- 4. Signage: The approval excludes any signage, which is subject to WDO 3.10 and the permit process of 5.01.10.
- 5. Other Agencies: The applicant, not the City, is responsible for obtaining permits from any county, state and/or federal agencies, which may require approval or permit, and must obtain all applicable City and County permits for work prior to the start of work and that the work meets the satisfaction of the permit-issuing jurisdiction. The Oregon Department of Transportation (ODOT) might require highway access, storm drainage, and other right-of-way (ROW) permits. All work within the public ROW or easements within City jurisdiction must conform to plans approved by the Public Works Department and must comply with a Public Works Right-of-Way permit issued by said department. Marion County plumbing permits must be issued for all waterline, sanitary sewer, and storm sewer work installed beyond the Public Right-of-Way, on private property.
- 6. Inspection: The applicant shall construct, install, or plant all improvements, including landscaping, prior to City staff verification. Contact Planning Division staff at least three (3) City business days prior to a desired date of planning and zoning inspection of site improvements. This is required and separate from and in addition to the usual building code and fire and life safety inspections. Note that Planning staff are not primarily inspectors, do not have the nearly immediate availability of building inspectors, and are not bound by any building inspector's schedule or general contractor convenience.
- 7. Stormwater management: The storm sewer system and any required on-site detention for the development must comply with the City Storm Water Management Plan, Oregon Department of Transportation (ODOT), Public Works storm water practices and the Storm Drainage Master Plan. The applicant shall provide a final hydraulic analysis for the development and collection system, including the downstream capacity of the proposed storm sewer system. All required on-site detention area for the runoff from this site will need to be provided in accordance with the hydraulic analysis. The detention system is to be maintained by the applicant in perpetuity.

- 8. Public Works Review: Staff performs final review of the civil plans (within City right-of-way jurisdiction) during the building permit stage. Public infrastructure must be constructed in accordance with plans approved by the City, ODOT, as well as current Public Works construction specifications, Standard Drawings, Standard Details, and General Conditions. All improvements/work within the right-of-way shall be completed prior to final building inspection.
- 9. ODOT review: Applicant is required to obtain a permit from ODOT for all work within ODOT jurisdiction. Applicant to provide a copy of the ODOT permit approval prior to building permit issuance.
- 10. Franchises: The applicant provides for the installation of all franchised utilities and any required easements.
- 11. Water: All water mains and appurtenances must comply with Public Works, Building Division, and Woodburn Fire District requirements. Existing water services lines that are not going to be use with this new development must be abandoned at the main line. The City performs required abandonment of existing water facilities at the water main with payment by the property owner. All taps to existing water mains must be done by a "Hot Tap" method and by approved City of Woodburn Contractors. The applicant shall install the proper type of backflow preventer for all domestic, lawn irrigation and fire sprinkler services. The backflow devices and meters shall be located near the city water main within an easement, unless approved otherwise by Public Works. Contact Byron Brooks, City of Woodburn Water Superintendent, for proper type and installation requirements of the backflow device at (503) 982-5380.
- 12. Grease Interceptor/Trap: If applicable, a grease trap would need to be installed on the sanitary service, either as a central unit or in the communal kitchen/food preparation area. Contact Marion County Plumbing Department for permit and installation requirements, (503) 588-5147.
- 13. Fire: Fire protection requirements must comply with the Woodburn Fire District standards and requirements. Place fire hydrants within the public ROW or public utility easement and construct them in accordance with Public Works Department requirements, specifications, standards, and permit requirements. Fire protection access, fire hydrant locations and fire protection issues must comply with current fire codes and Woodburn Fire District standards. See City of Woodburn Standard Detail No. 5070-2 Fire Vault. The fire vault must be placed within the public right-of-way or public utility easement.
- 14. SDCs: The developer pays System Development Charges prior to building permit issuance.

Appeals

Per WDO 4.01.11E, the decision is final unless appealed pursuant to Oregon Revised Statutes (ORS), state administrative rules, and WDO 4.02.01. The appeal to City Council due date is twelve (12) days from the mailing date of this final decision notice per 4.02.01B1. A valid appeal must meet the requirements of 4.02.01.

A copy of the decision is available for inspection at no cost, and the City would provide a copy at reasonable cost at the Community Development Department, City Hall, 270 Montgomery Street, Woodburn, OR 97071. For questions or additional information, contact the Planning Division at (503) 982-5246 or planning@ci.woodburn.or.us.

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Dan Handel, AICP, Planner

1 19 7074 Date

Affirmed,

Lisa Ellsworth, Chair, Planning Commission

1/18/2024

Date

Attachments:

- 1. Public Works Department conditions of approval (Staff Report Attachment 102)
- 2. City of Portland tree protection rules (Staff Report Attachment 104)
- 3. Approved site plans (Staff Report Attachment 106)



Salud Medical Center Renovation DR 23-09, SA 23-07 & VAR 23-07 1175 Mt Hood Public Works Comments

December 27, 2023

CONDITIONS OF LAND USE APPROVAL:

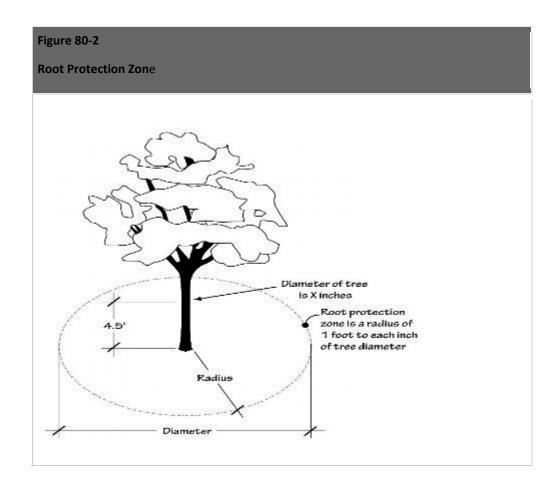
- 1. The Applicant, not the City, is responsible for obtaining permits from state, county and/or federal agencies that may require such permit or approval.
- 2. The Applicant, not the City, is responsible for obtaining permits from other property owners that may require access permits and connections to existing water main system.
- 3. Marion County plumbing permits must be issued for all storm sewer, sanitary sewer, and waterline work installed beyond the Public Right-of-Way, on private property.
- 4. All required on-site detention area(s) for the runoff from this site will need to be provided in accordance with a hydraulic analysis report provided by professional engineer in Oregon and approved by the Oregon Department of Transportation (ODOT) and the City's Public Works Department.
- 5. Applicant to provide street lighting along Highway 214 (Mt Hood Avenue). Streetlights shall be in accordance with street lighting plans approved by ODOT, the City and conforming to Portland General Electric (PGE) requirements and under PGE's option B.
- 6. All City-maintained facilities located on private property shall require a minimum of 16-foot-wide utility easement conveyed to the City by the property owner. This is the applicant's responsibility to provide, not the City's. Utilities of unusual depth, size or location may require a larger width.
- 7. Provide and record the required public utility easements prior to building permit final inspection.
- 8. Final Civil Plans review will be done during the Development Application for Construction. Public improvements will be designed and constructed in accordance with plans approved by Public Works and the Oregon Department of Transportation (ODOT).
- 9. All public improvements shall be deemed complete prior to building permit final inspection.
- 10. Applicant to pay all public improvements (right-of-way) fees for all public improvements

that are to be maintained by the City as per Ordinance #1795.

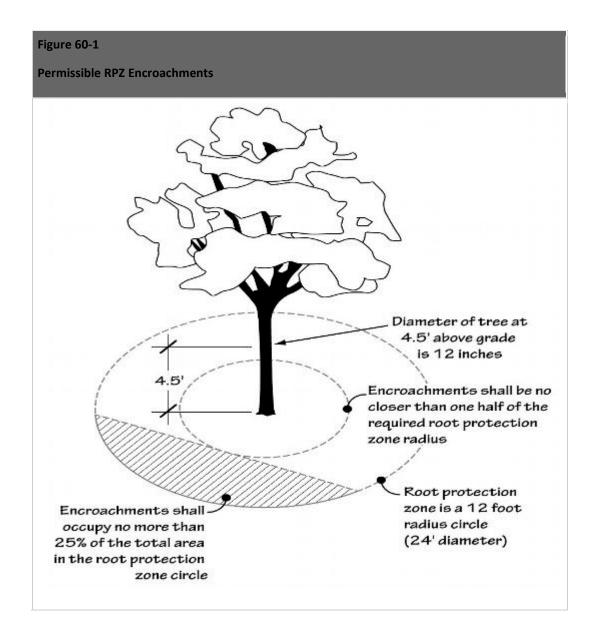
- 11. Fire protection access, fire hydrant locations and fire protection issues shall comply with current fire codes and Woodburn Fire District standards. All fire water meters, and fire service vaults shall be located on private property within a public easement.
- 12. The applicant shall complete a City of Woodburn Nonresidential Wastewater Survey and comply with the conditions of the Wastewater Permit. Contact Carol Leimbach, City of Woodburn Industrial Waste Coordinator, at 503-982-5283.
- 13. System Development fees shall be paid at the time of building permit issuance.

The applicant shall protect the preserved trees pursuant similar to City of Portland Title $\underline{11.60.030}$, specifically either the subsections set of C.1.a.(1), (3) and C.1.b., e., & f. (clear and objective) and D.; or, the subsections set of C.2.a., b., & d.-f. (arborist's discretion) and D. as modified below and shall do so between land use approval and issuance of certificate of occupancy (C of O):

- C. Protection methods. The Tree Plan shall show that the contractor adequately protects trees to be preserved during construction using one of the methods described below:
 - 1. Clear & Objective Path.
 - a. A root protection zone is established as follows:
 - (1) For trees on the development site a minimum of 1 foot radius (measured horizontally away from the face of the tree trunk) for each inch of tree diameter (see Figure 80-2)



- (3) Existing encroachments into the root protection zone, including structures, paved surfaces and utilities, may remain. New encroachments into the root protection zone are allowed provided:
 - (a) the area of all new encroachments is less than 25 percent of the remaining root protection zone area when existing encroachments are subtracted; and
 - (b) no new encroachment is closer than 1/2 the required radius distance (see Figure 60-1);



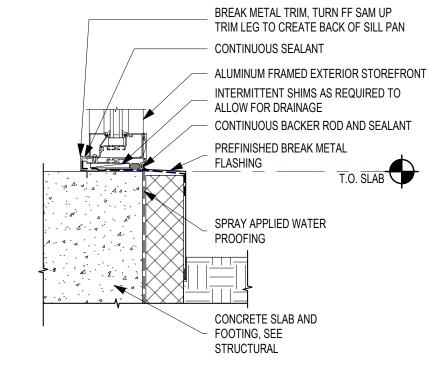
b. Protection fencing

- (1) Protection fencing consisting of a minimum 6-foot high metal chain link construction fence, secured with 8-foot metal posts shall be established at the edge of the root protection zone and permissible encroachment area on the development site. Existing structures and/or existing secured fencing at least 3½ feet tall can serve as the required protective fencing.
- (2) When a root protection zone extends beyond the development site, protection fencing is not required to extend beyond the development site. Existing structures and/or existing secured fencing at least 3½ feet tall can serve as the required protective fencing.
- e. The following is prohibited within the root protection zone of each tree or outside the limits of the development impact area: ground disturbance or construction activity including vehicle or equipment access (but excluding access on existing streets or driveways), storage of

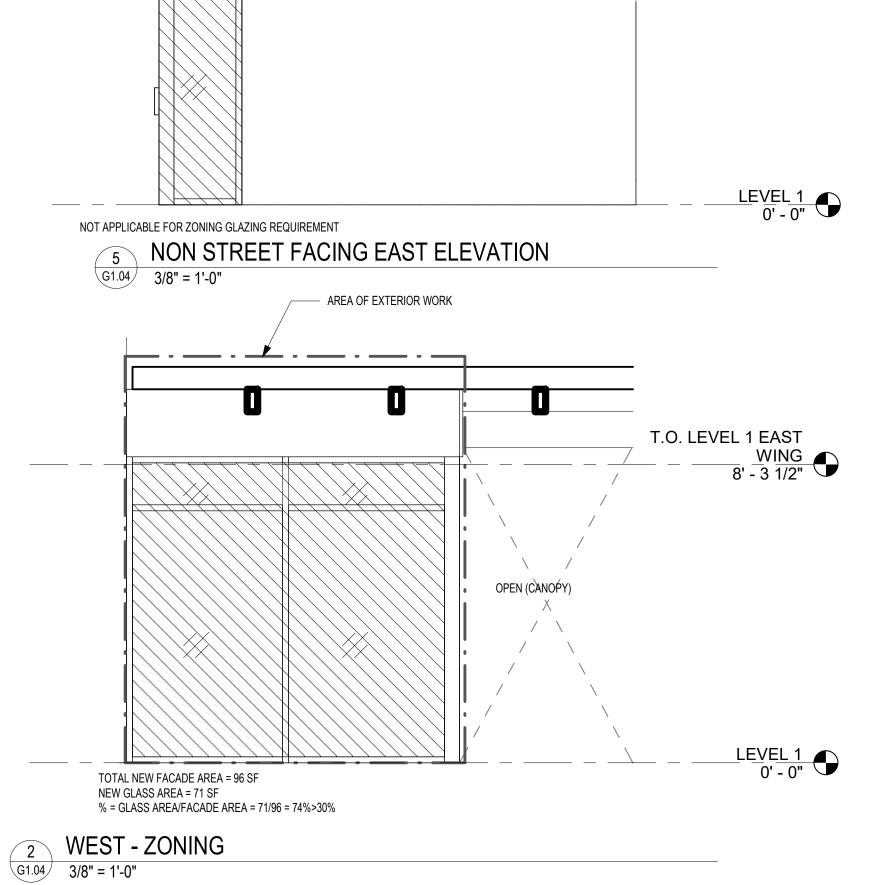
equipment or materials including soil, temporary or permanent stockpiling, proposed buildings, impervious surfaces, underground utilities, excavation or fill, trenching or other work activities; and

- f. The fence shall be installed before any ground disturbing activities including clearing and grading, or construction starts; and shall remain in place until final inspection by Planning Division staff.
- 2. Arborist's Discretion. When the prescriptive path is not practicable, the applicant may propose alternative measures to modify the clear and objective root protection zone (RPZ), provided the following standards are met:
 - a. The alternative RPZ is prepared by an arborist who has visited the site and examined the specific tree's size, location, and extent of root cover, evaluated the tree's tolerance to construction impact based on its species and health, identified any past impacts that have occurred within the root zone, and forwarded a report through the developer to Planning Division staff;
 - b. The arborist has prepared a plan providing the rationale used to demonstrate that the alternate method provides an adequate level of protection based on the findings from the site visit described above;
 - d. If the alternative methods require the arborist be on site during construction activity, the applicant shall submit a copy of the contract for those services prior to permit issuance and a final report from the arborist documenting the inspections and verifying the viability of the tree(s) prior to final inspection by the Planning Division;
 - e. If the alternative tree protection method involves alternative construction techniques, an explanation of the techniques and materials used shall be submitted;
 - f. The arborist shall sign the tree preservation and protection plan and include contact information.
- D. Changes to tree protection. Changes to the tree protection measures during the course of the development may be approved as a revision to a permit provided that the change is not the result of an unauthorized encroachment into a root protection zone (RPZ), and the applicant demonstrates that the tree protection standards of this Section continue to be met. When an unauthorized encroachment has occurred, the City may pursue an enforcement action or other remedy.

6 STOREFRONT HEAD AT CANOPY 1 1/2" = 1'-0"







1. Non-conformance:

Per 04.03C3b(b) Where off street parking increases from an existing amount by 25% (32) or more would put us at full redevelopment. Then all nonconformities exterior to buildings will need to be upgraded. This includes any of frontage, street, and public improvements that are nonconforming.

A. The existing site had 129 parking spaces.

B. The submitted plan showed 168 spaces. Which means we added 39 spaces and are above the 25% (32) and full redevelopment will be required.

Parking:

Per the current code (3.05.03A#2), the number of parking shall not exceed two times the amount set in table 305A. Per table 305A the site is allowed to have 1/250 SF of the gross floor area. The gross floor area is the sum of the floor areas of the spaces within the building. This is typically measured from the interior face of the exterior walls. The current square feet of the gross floor area is: 22,319

SF(Level One) + 8,066 SF (Level Two) = 30,385 GSF

- A. 30,385GSF/250SF = 122 minimal spaces allowed
- B. 122 x 2 = 244 max parking spaces allowed a. The proposed plan is in conformance with the current development ordinance b. We are proposing 168 spaces because we still need to meet the lot coverage, landscape
- requirements, and set back requirements. c. Per ORS 447.233. We will need to provide 5 ADA spaces and 1 van space. The current design exceeds this requirement. d. Per table 305C 3% (5 spaces) of the 168 spaces will need to be Van/Carpool parking.
- These spaces need to be a maximum of 50 feet to a building perimeter walkway and can be in the back of the property. The current design meets this requirement. e. Per table 305D 15% (25 spaces) will need to be provided for Bike Parking. If not visible from sidewalk signage must be provided. At least 50% (13 spaces) of the outdoor bike parking must be covered. The location of the bike parking must be within 50' of the main
- entrance. There are 13 existing bike parking spaces, two of them are covered. The current design provides twelve (12) new covered spaces. f. Per table 305E 5% (8 spaces) of the 168 spaces will need to be EV charging stations. These stations will need to be located 50 feet to a building perimeter walkway, but they can be located in the back of the property. We meet this standard by providing at total of 8 EV stations. Six in the back and two in the front.

3. Street Improvements:

PREVIOUS APPROVED

IL (ADJACENT ZONING)

ARCHITECTURAL SITE PLAN

T.O. LEVEL 1 EAST

WING
8' - 3 1/2"

The non-conformance will require full site improvements as outlined in Section 3.01Street Improvements required. Per transportation system plan Mt.Hood Avenue is considered a Major arterial street and we would need to match figure 3.01B.

A. The existing conditions does not meet the cross-section requirements. The project will be submitting for zoning adjustment. There are bike lanes, cross walks with signage and flashing lights. The sidewalk width exceeds the width required. There is pedestrian access from the bus stop. The nearest stop is east of the property in front or PGE. We meet the vision clearance

4. Vehicular Access:

Per 3.04.03 Access management: Driveway Standards the city prefers the number of driveways to be minimized based on overall site design. The city might allow a second driveway but a written traffic analysis memo on traffic patterns, queuing issues, and volume etc. would be required. Per 3.04.03D Access Management #5 the new drive isle would be allowed if it were limited to an exit only and right-hand turn only. ODOT typically requires 300 feet between drive aisles. If drive isle is exit only and right-hand turn, then 170' between drive aisle would be acceptable. The second drive aisle would require a new streetlight. The new streetlight would require coordination with PGE. PGE would create their own drawings and determine where the pole will be located.

Significant Tree:

The city prefers to keep the trees between the property and sidewalk and to preserve as many significant trees as possible. Removal of significant trees should be considered last resort option. An arborist of the owner's selection will need to document the DBH, health, species and size of the significant tree that will be removed. Per 3.06.07 D, the owner will be replacing each tree removed with one replacement tree. Each replacement tree will be at least two inches in caliper. Each replacement tree will be of a species not prohibited by this section. The replacement tree shall be of the same size range at maturity as the significant tree replaced. Refer to section 3.06 Landscaping for further requirements.

- A. Per Table 3.06A the entire setback excluding driveways shall be landscaped at a 1 PU/15 SF. Also 20% of the paved surface area for off street parking, loading, and circulation shall be required to have 1 small tree per 10 parking spaces, or 1 medium tree per 15parking spaces, or 1 large tree per 25 parking spaces, and 1 PU/20 SF excluding required trees.
- B. Landscape island or peninsulas shall cap each aisle end to protect parked vehicles from moving vehicles, emphasize vehicular circulation patterns, and shade vehicles, and pedestrians as outlined in 3.06.03 Landscape standards C. The project is apply for a variance on zoning code 3.06.03 landscape standards #1 street frontage trees. Refer to Landscape and Arborist report for how the project is meeting all other landscape requirements.

Screening:

Per 3.06.04B the entire setback area excluding driveways will need to be landscaped. Also 20% of the paved surface area for off street parking, loading, and circulation will need to be landscaped. Per table 3.06D we will need to provide a six -seven foot architectural wall between our project's property and the adjacent light industrial and industrial park zoned properties. Currently the north and west properties have an architectural wall that appears to meet this requirement. The east side of the property only has a sight-obscuring fence. Per the table the property being developed must provide screening if no comparable screening exists on the abutting protected property. We will be apply for a variance for zoning code 3.06.05, Table 3.06D.

Exterior Lighting:

IP (ADJACENT ZONING)

EXISTING BUILDING

EXISTING MONUMENT SIGN

TO BE RELOCATED

PREVIOUS APPROVED VARIANCE

All exterior lighting will be upgraded to meet the new zoning requirements outlined in Section 3.11 except for the the existing parking lot pole lights along the back half of the property. We will be applying for a variance to be allowed to keep the pole heights along north, east, and west locations. The north and east side abut against an industrial park zoning properties. The west side of the property abuts along a light industrial zoning property. The heads of the existing fixtures will be replaced with compliant fully shielded and light color compliant heads.

(ADJACENT ZONING)

SETBACK

ACCESSIBLE ROUTES

245' TO BUS STOP

EXISTING CROSS WALK

MT HOOD AVENUE



PERSPECTIVE A

3.07.06 STANDARDS FOR NON-**RESIDENTIAL STRUCTURES IN** COMMERICAL AND PUBLIC/SEMI PUBLIC **ZONES - COMPLIANCE** PROJECT ZONE: CO FACADES FACING STREETS AND PUBLIC PARKING AREAS: SOUTH

THE SOUTH FACADE (FACING MT. HOOD ST) IS ARTICULATED WITH MULTIPLE CANOPIES. TWO VESIBULES PROJECT FROM THE FACADE LINE. THE FACADE IS ARTICULATED IN 11 PLANES. 3 DIMENSIONAL DESIGN FEATURES: MULTIPLE PUBLIC DOOR WAYS, MULTIPLE OFFSETS, TWO EXTRUDING WOOD CANOPIES, MULTIPLE FACADE MATERIALS INCLUDING STUCCO, STOREFRONT, BRICK AND

WOOD SIDING. VER 30% GLASS ON NEW ADDITION (SEE ELEVATIONS)

SIDING IS BRICK, WOOD AND STUCCO FACADE MATERIALS AND CANOPIES ARE EARTH TONE COLORS NO FLUORESCENT LIGHTS ARE PROPOSED ON THE EXTERIOR MULTI-PLANED ROOF GUIDELINES

MATCH THE EXISTING WOOD CANOPY.

THE ROOF HAS MANY VARIATIONS IN HEIGHT AND PLANE. THE PROPOSED CANOPY IS A NEW PLANE. **ROOF MOUNTED EQUIPMENT GUIDELINES:**) NEW UNIT IS PROPOSED AND WILL BE SCREENED BY AN EXISTING WALL 1) NEW 23' LONG BY 21' WIDE CANOPY IS PROPOSED. THIS IS DESIGNED TO

SOLAR ACCESS PROTECTION THE PROPOSED EXTERIOR ADDITION (VESTIBULE AND CANOPY) ON THE SOUTH PORTION OF THE BUILDING DOES NOT BLOCK SOLAR ACCESS FOR ANY ADJACENT BUILDINGS **BUILDING LOCATION GUIDELINES** THE BUILDING LOCATION IS EXISTING

NEW ADDITION HAS SOUTH FACING FACADE FACING MT HOOD HWY, REF SOUTH ELEVATION ON G1.04. GLAZING IS 73% OF THIS ELEVATION, THUS EXCEEDING THE 30% REQUIRED.

BUILDING HEIGHT
ZONE CO = MAX 35'. NEW ADDITION IS_11-'2 TO THE PEAK OF THE ROOF WHICH IS LESS THAN 35' THE NEW ADDITION CANOPY IS 1' SHORTER AND SET BACK 12' FROM THE MAIN

<u>LOT COVERAGE</u> PER TABLE 2.03D LOT COVERAGE IS LIMITED BY SETBACKS, OFF-STREET PARKING, AND LANDSCAPING REQUIREMENTS. FOR THE LANDSCAPE REQUIREMENT REFER TO SHEET L1.1 PLANT UNIT REQUIREMENT MAP.

ENTRY CANOPY SO AS NOT TO DETRACT FROM THE CLARITY OF THE MAIN

13 (E) + 12 (N) = **25** 15% X 168 = **25** TABLE 305D 50% COVERED = **13** (14 COVERED) CAR PARKING 30,385 GSF / 250 SF = **122** MIN 168 TABLE 305A 2 X 124 = **244** MAX ADA PARKING 3% X 168 = **5 + 1 VAN** 6 + 1 VAN ORS 447.233 VAN/CARPOOL 3% X 168 = **5** TABLE 305C EV CHARGING 5% X 168 = **8** TABLE 305E

20% OF CAR PARKING MAY BE COMPACT: 34 16 COMPACT CAR PARKING PROPOSED

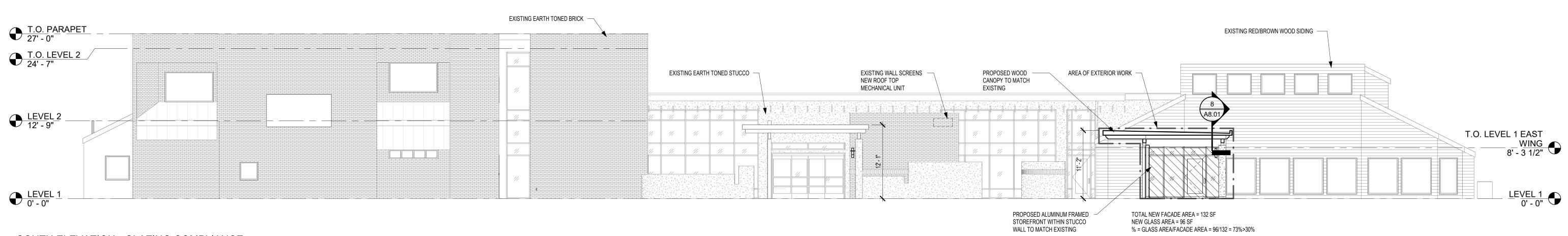


PERSPECTIVE C



ISSUE DATE:

REVISIONS:



ZONING CODE COMPLIANCE



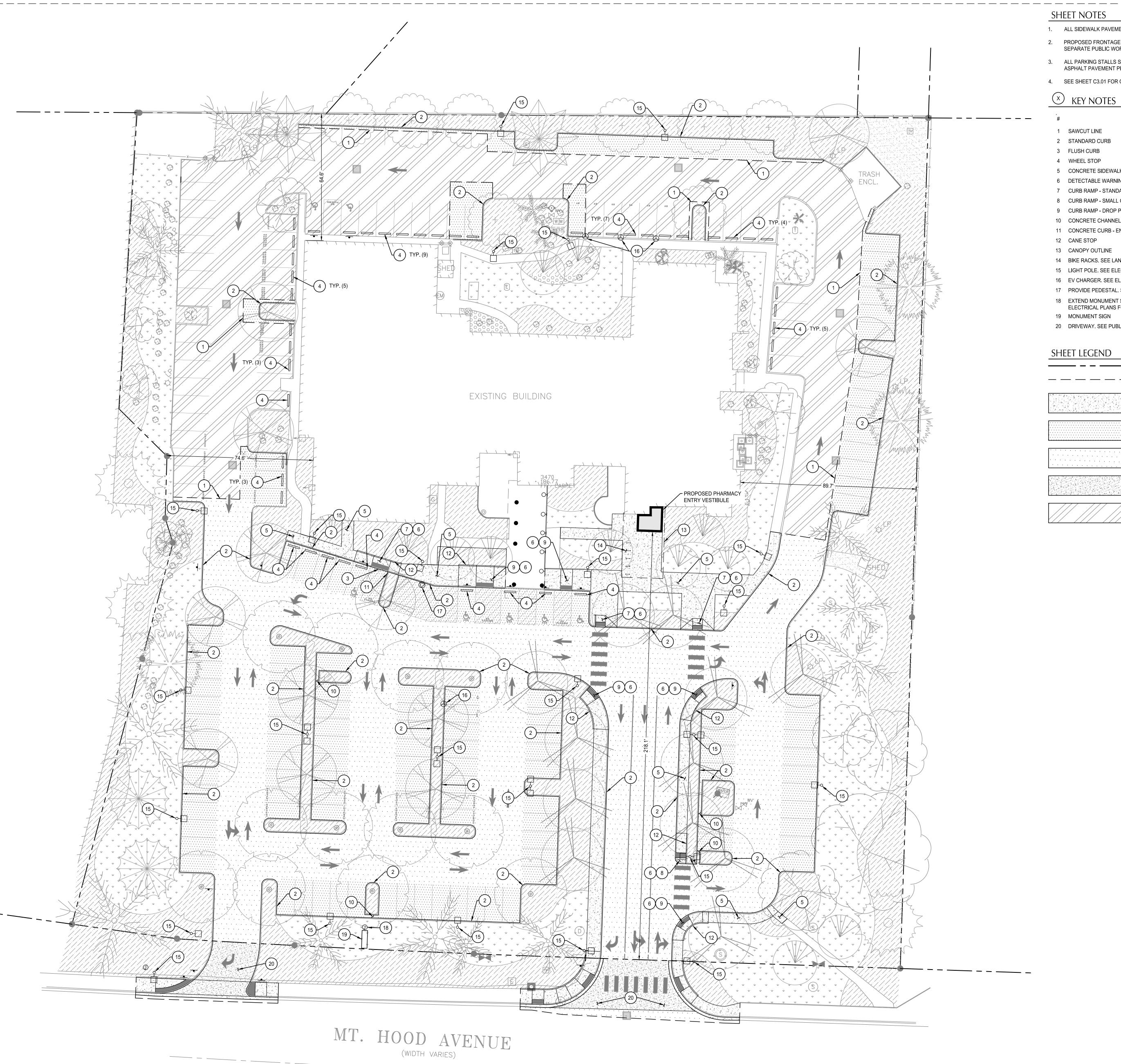




ISSUE DATE: 03.22.23

REVISIONS:

EXISTING CONDITIONS



1. ALL SIDEWALK PAVEMENT JOINTS SHALL BE CONSTRUCTED PER DETAIL 18/C7.00.

2. PROPOSED FRONTAGE IMPROVEMENTS IN RIGHT-OF-WAY SHOWN FOR REFERENCE ONLY. TO BE PERMITTED UNDER

SEPARATE PUBLIC WORKS PERMIT.

3. ALL PARKING STALLS SHALL BE STANDARD ASPHALT PAVEMENT PER DETAIL 1/C7.00. ALL DRIVE AISLES SHALL BE HEAVY

ASPHALT PAVEMENT PER DETAIL 2/C7.00.

4. SEE SHEET C3.01 FOR ONSITE SIGNAGE AND STRIPING.

\sim	1121110120	
#	DESCRIPTION	DETAIL <u>REF.</u>
1	SAWCUT LINE	
2	STANDARD CURB	3/C7.00
3	FLUSH CURB	17/C7.00
4	WHEEL STOP	10/C7.00
5	CONCRETE SIDEWALK	4/C7.00
6	DETECTABLE WARNING	11/C7.00
7	CURB RAMP - STANDARD	12/C7.00
8	CURB RAMP - SMALL CURVE	14/C7.00
9	CURB RAMP - DROP PANEL	15/C7.00
10	CONCRETE CHANNEL	5/C7.00
11	CONCRETE CURB - ENDING	13/C7.00
12	CANE STOP	12/C7.00
13	CANOPY OUTLINE	
14	BIKE RACKS. SEE LANDSCAPE PLANS FOR DETAILS.	

14 BIKE RACKS. SEE LANDSCAPE PLANS FOR DETAILS.

15 LIGHT POLE. SEE ELECTRICAL PLANS FOR DETAILS. 16 EV CHARGER. SEE ELECTRICAL PLANS FOR DETAILS.

17 PROVIDE PEDESTAL. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

18 EXTEND MONUMENT SIGN CIRCUIT CONDUIT AND CONDUCTORS TO LOCATION SHOWN. SEE

ELECTRICAL PLANS FOR MORE INFORMATION.

20 DRIVEWAY. SEE PUBLIC WORKS PLANS FOR LAYOUT AND DETAILS.

SHEET LEGEND

PROPERTY LINE CONCRETE SIDEWALK

STANDARD ASPHALT PAVEMENT

HEAVY ASPHALT PAVEMENT ----CONCRETE DRIVEWAY. SEE PUBLIC WORKS PLANS FOR DETAIL.

PROTECT AND RESURFACE EXISTING ASPHALT

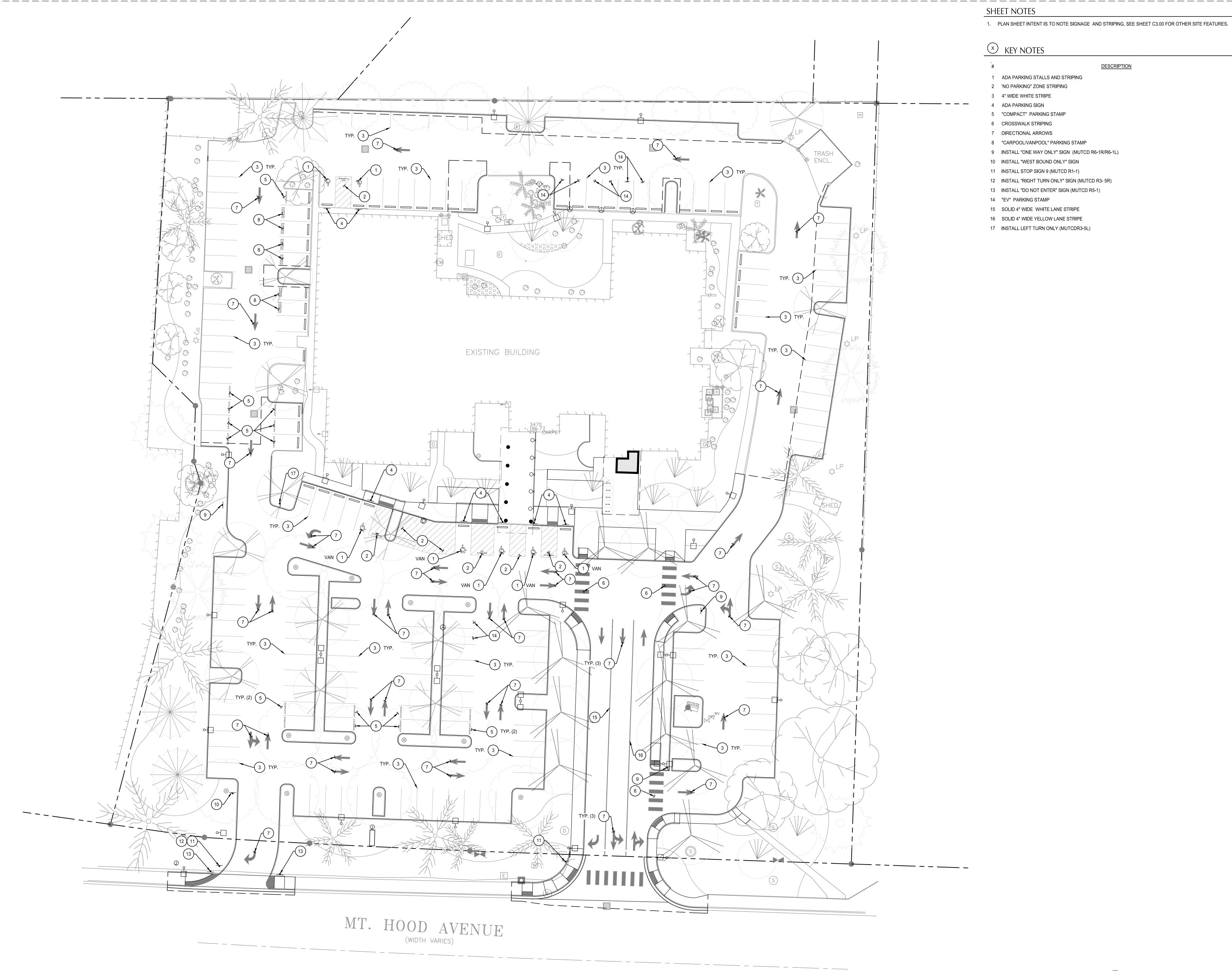
	IMPERVIO	IMPERVIOUS AREA OF LOT				
TOTAL AREA	IMPERVIOUS	PERVIOUS	NET NEW IMPERVIOUS			
3.92 AC	2.35 AC	1.57 AC				
3.92 AC	2.62 AC	1.30 AC	0.27 AC (11,644 SQF			

LOT COVERAGE BY STRUCTURES						
EXISTING	2.35 AC					
PROPOSED	2.62 AC					

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ISSUE DATE: 10.04.23 REVISIONS:

SITE PLAN





\bigcirc	KEY NOTES	
#	DESCRIPTION	DETAIL
1	ADA PARKING STALLS AND STRIPING	6/C7
2	'NO PARKING" ZONE STRIPING	
3	4" WIDE WHITE STRIPE	
4	ADA PARKING SIGN	7/C7
5	"COMPACT" PARKING STAMP	16/C7
6	CROSSWALK STRIPING	8/C7
7	DIRECTIONAL ARROWS	9/C7
8	"CARPOOL/VANPOOL" PARKING STAMP	
a	INSTALL "ONE WAY ONLY" SIGN (MUTCD R6-1P/P6-1L)	

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REVISIONS:

SIGNAGE AND STRIPING

SHEET LEGEND

HYDRANT RADIUS HOSE PULL PUBLIC UTILITY EASEMENT

FIRE FLOW CALCULATION

EXISTING BUILDING CONSTRUCTION TYPE: VB
BUILDING ADDITION CONSTRUCTION TYPE: VB
TOTAL AREA OF CLINIC POST-CONSTRUCTION:30,006
PER OFC TABLE B105.2 FIRE FLOW: 4,750 GPM

REQUIRED FIRE FLOW: 4,750 GPM FOR 4 HOURS AT 20PSI PER OFC TABLE C105.1 REQ. HYDRANTS: 5 HYDRANTS

TOTAL OF 5 HYDRANT COVERAGE

EX FH-390 - NORTH END OF THE EXISTING BUILDING

FH-01 - EAST SIDE OF THE MAIN ENTRY

FH-02 - EAST SIDE OF EXISTING BUILDING ACROSS DRIVE AISLE

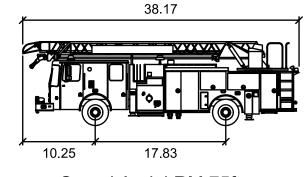
FH-03 - ADJACENT TO SOUTHWESTERN CORNER OF EXISTING BUILDING

FH-04 - WEST SIDE OF MAIN BUILDING

FLOW TEST RESULTS DATE: 04/13/2023

FLOW TESTED HYDRANT
MAP NUMBER - EX FH-847 (TO BE REMOVED AND REPLACED WITH FH-01)
HYDRANT LOCATION - EAST SIDE OF EXISTING DRIVEWAY

ORIFICE DIAMETER - 2.5-IN
STATIC PRESSURE - 58 PSI
RESIDUAL PRESSURE - 56 PSI
PITOT - 16 PSI
OBSERVED DISCHARGE - 624 GPM
ADJUSTMENT TO FLOW @ 20 PSI RESIDUAL: 3,060 GPM



Smeal Aerial RM 75

Width : 8.33
Track : 7.92
Lock to Lock Time : 6.0
Steering Angle : 45.0

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V O

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REVISIONS:

ISSUE DATE: 10.04.23

FIRE ACCESS PLAN

C3.50

PROJECT NO.: 2

SCALE 1 INCH = 20
20 0 20

1. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.

2. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.

3. MAXIMUM SLOPE IN ACCESSIBLE PARKING STALLS SHALL BE 2.0% IN ANY DIRECTION.

MAXIMUM PEDESTRIAN RAMP LONGITUDINAL SLOPE SHALL BE 8.3% AND MAXIMUM CROSS SLOPE SHALL BE 2.0% UNLESS NOTED OTHERWISE. LANDINGS SHALL BE PROVIDED AT THE TOP OF EACH RAMP THAT ARE 2.0% MAXIMUM SLOPE IN ANY DIRECTION UNLESS NOTED OTHERWISE.

5. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES

6. SLOPES TO MATCH EXISTING GRADE IN LANDSCAPE AREAS NOT TO EXCEED 4H:1V SLOPES.

GRADING SHALL BE COMPLETED PER CONTOURS, SPOT ELEVATIONS, AND ROADWAY PROFILES IF PROVIDED. FINISH GRADE SLOPES ARE PROVIDED FOR REFERENCE ONLY.

8. ALL TOP OF CURB ELEVATIONS ARE 6" ABOVE TP GRADES UNLESS NOTED OTHERWISE.

9. CATCH BASIN RIM ELEVATIONS SHOWN IN C5.00 SERIES ARE TO CENTER OF STRUCTURE AND MAY SLIGHTLY DIFFER FROM PAVEMENT GRADES. DESIGN INTENT WILL BE FOR CATCH BASINS TO BE AT OR SLIGHTLY LOWER THAN ADJACENT PAVEMENT GRADES TO FACILITATE POSITIVE DRAINAGE.

10. PUBLIC IMPROVEMENTS GRADING SHOWN FOR REFERENCE ONLY. REFER TO PUBLIC IMPROVEMENT PLANS FOR GRADING INFORMATION ASSOCIATED WITH THE PUBLIC IMPROVEMENTS.

11. CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED.

× KEY NOTES

DETAIL <u>REF.</u> **DESCRIPTION**

1 MAINTAIN PAVEMENT DRAINAGE TOWARD EXISTING STORM STRUCTURES

2 CONTRACTOR TO FIELD VERIFY EXISTING GRADES. NOTIFY CIVIL ENGINEER IMMEDIATELY IF GRADES DIFFER FROM PLAN.

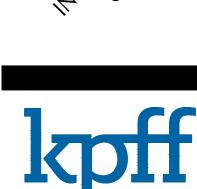
3 INSTALL AREA DRAIN AND LOW SPOT TO COLLECT STORMWATER IN LANDSCAPE AREAS.

GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	 SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
EG FG HP LP RIM TC TP	EXISTING GRADE FINISHED GRADE HIGH POINT LOW POINT RIM OF STRUCTURE TOP OF CURB TOP OF PAVEMENT
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

011221 22 021 13	
	GRADE BREAK
	SAWCUT LINE
46	EX. CONTOUR MINOR
— — — 45 — — — — —	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)
	LIMITS OF GRADING

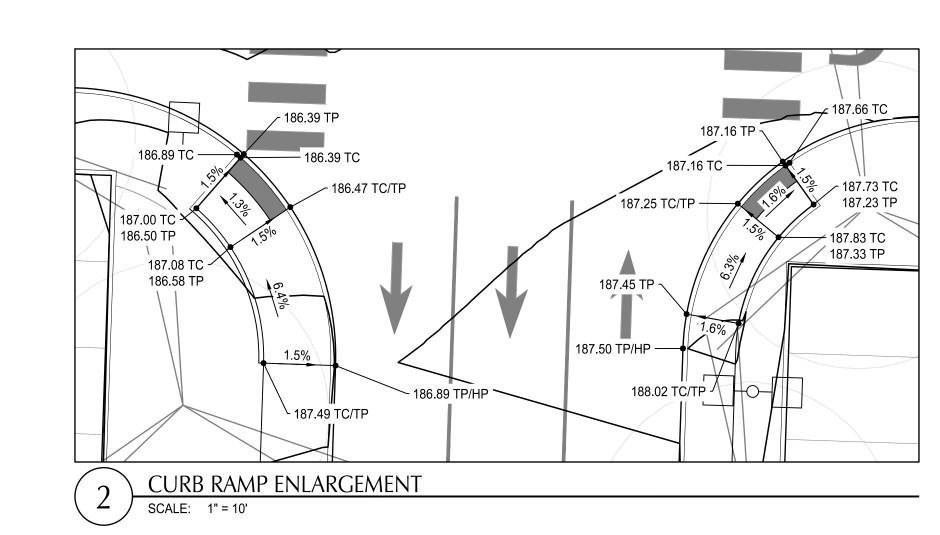


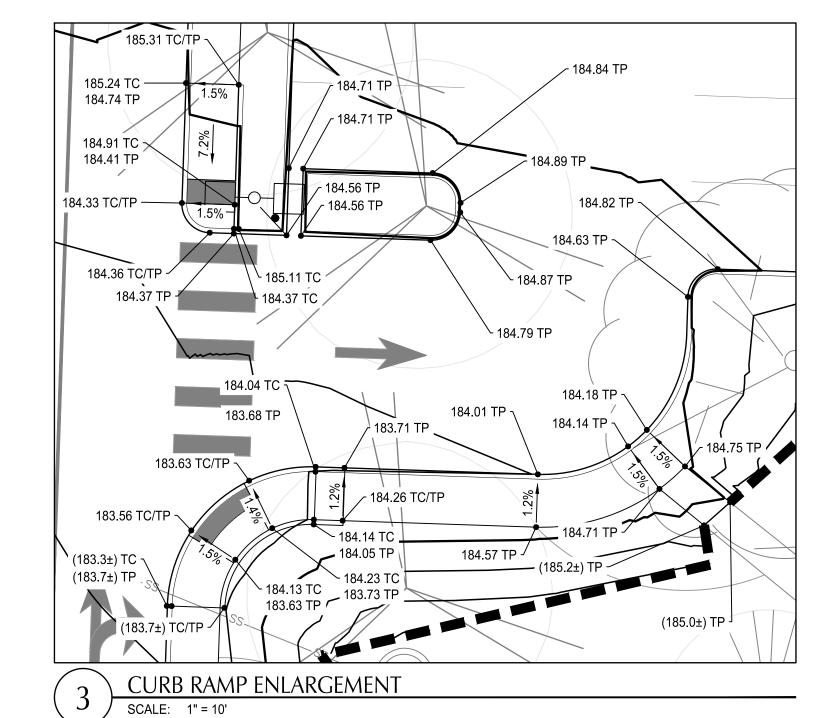
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REVISIONS:

ADA PARKING AND CURB RAMP ENLARGEMENT

SCALE: 1" = 10'





SHEET NOTES

1. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.

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3. MAXIMUM SLOPE IN ACCESSIBLE PARKING STALLS SHALL BE 2.0% IN ANY DIRECTION.

4. MAXIMUM PEDESTRIAN RAMP LONGITUDINAL SLOPE SHALL BE 8.3% AND MAXIMUM CROSS SLOPE SHALL BE 2.0% UNLESS NOTED OTHERWISE. LANDINGS SHALL BE PROVIDED AT THE TOP OF EACH RAMP THAT ARE 2.0% MAXIMUM SLOPE IN ANY DIRECTION UNLESS NOTED OTHERWISE.

5. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES

6. SLOPES TO MATCH EXISTING GRADE IN LANDSCAPE AREAS NOT TO EXCEED 4H:1V SLOPES.

7. GRADING SHALL BE COMPLETED PER CONTOURS, SPOT ELEVATIONS, AND ROADWAY PROFILES IF PROVIDED. FINISH GRADE SLOPES ARE PROVIDED FOR REFERENCE ONLY.

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9. CATCH BASIN RIM ELEVATIONS SHOWN IN C5.00 SERIES ARE TO CENTER OF STRUCTURE AND MAY SLIGHTLY DIFFER FROM PAVEMENT GRADES. DESIGN INTENT WILL BE FOR CATCH BASINS TO BE AT OR SLIGHTLY LOWER THAN ADJACENT PAVEMENT GRADES TO FACILITATE POSITIVE DRAINAGE.

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11. CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED.



NOTE

DESCRIPTION DETAIL REF.

MAINTAIN PAVEMENT DRAINAGE TOWARD EXISTING STORM STRUCTURES
 CONTRACTOR TO FIELD VERIFY EXISTING GRADES. NOTIFY CIVIL ENGINEER IMMEDIATELY IF

GRADES DIFFER FROM PLAN.

3 INSTALL AREA DRAIN AND LOW SPOT TO COLLECT STORMWATER IN LANDSCAPE AREAS.

3 INSTALL AREA DIVAIN AND LOW STOT TO COLLEGITOTORINWATER IN LANDOC

GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	- SPOT ELEVATION - DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
EG FG HP LP RIM TC TP	EXISTING GRADE FINISHED GRADE HIGH POINT LOW POINT RIM OF STRUCTURE TOP OF CURB TOP OF PAVEMENT EXISTING GRADE
•	(MATCH WHERE APPLICABLE)

SHEET LEGEND

SHEET LEGEND	
	GRADE BREAK
	SAWCUT LINE
46	EX. CONTOUR MINOR
——————————————————————————————————————	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)
	LIMITS OF GRADING

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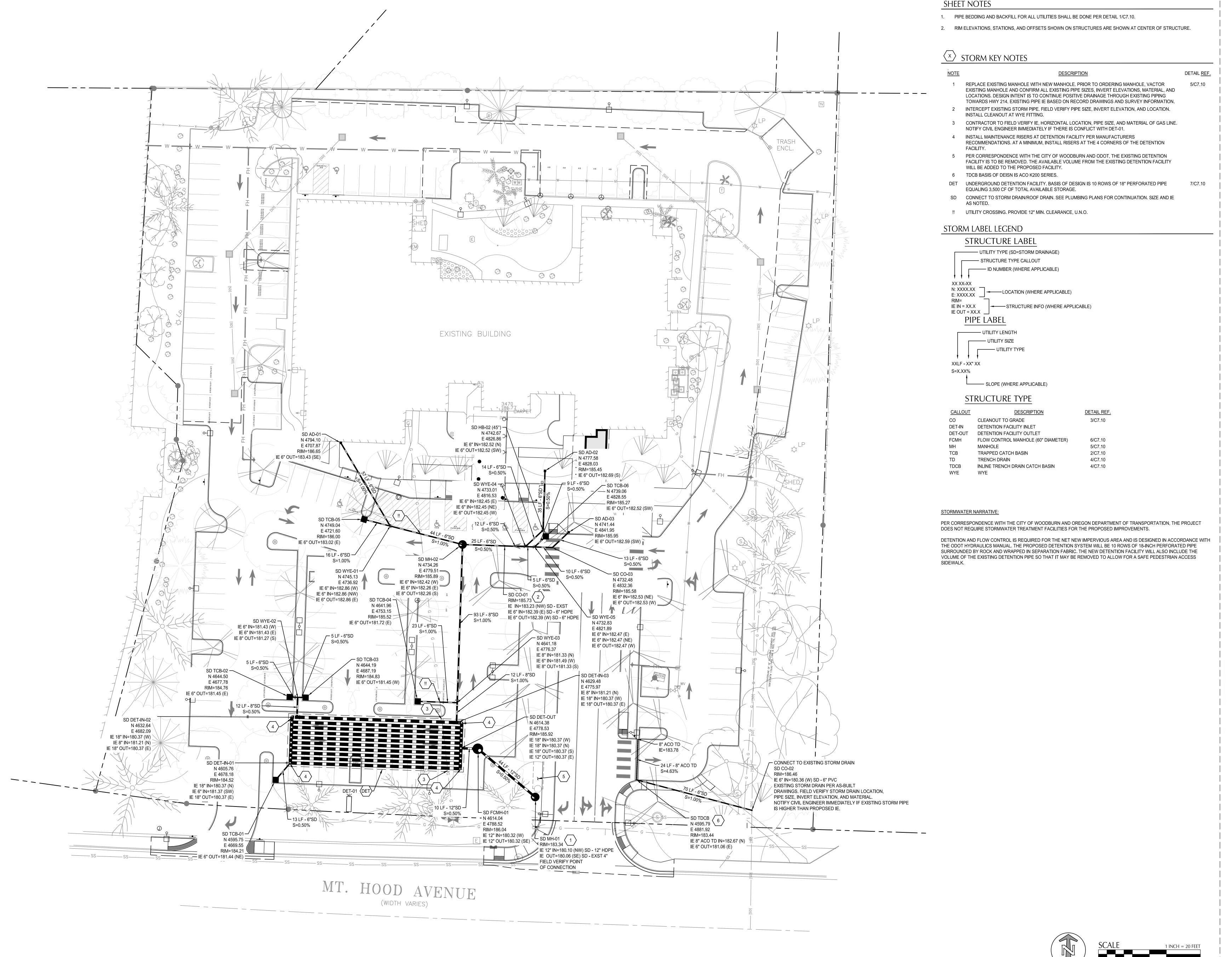
ISSUE DATE: 10.04.23
REVISIONS:

DESIGN REVIEW SET

GRADING ENLARGEMEN

C4.10

SCALE 1 INCH = 10 FEET
10 0 10 20



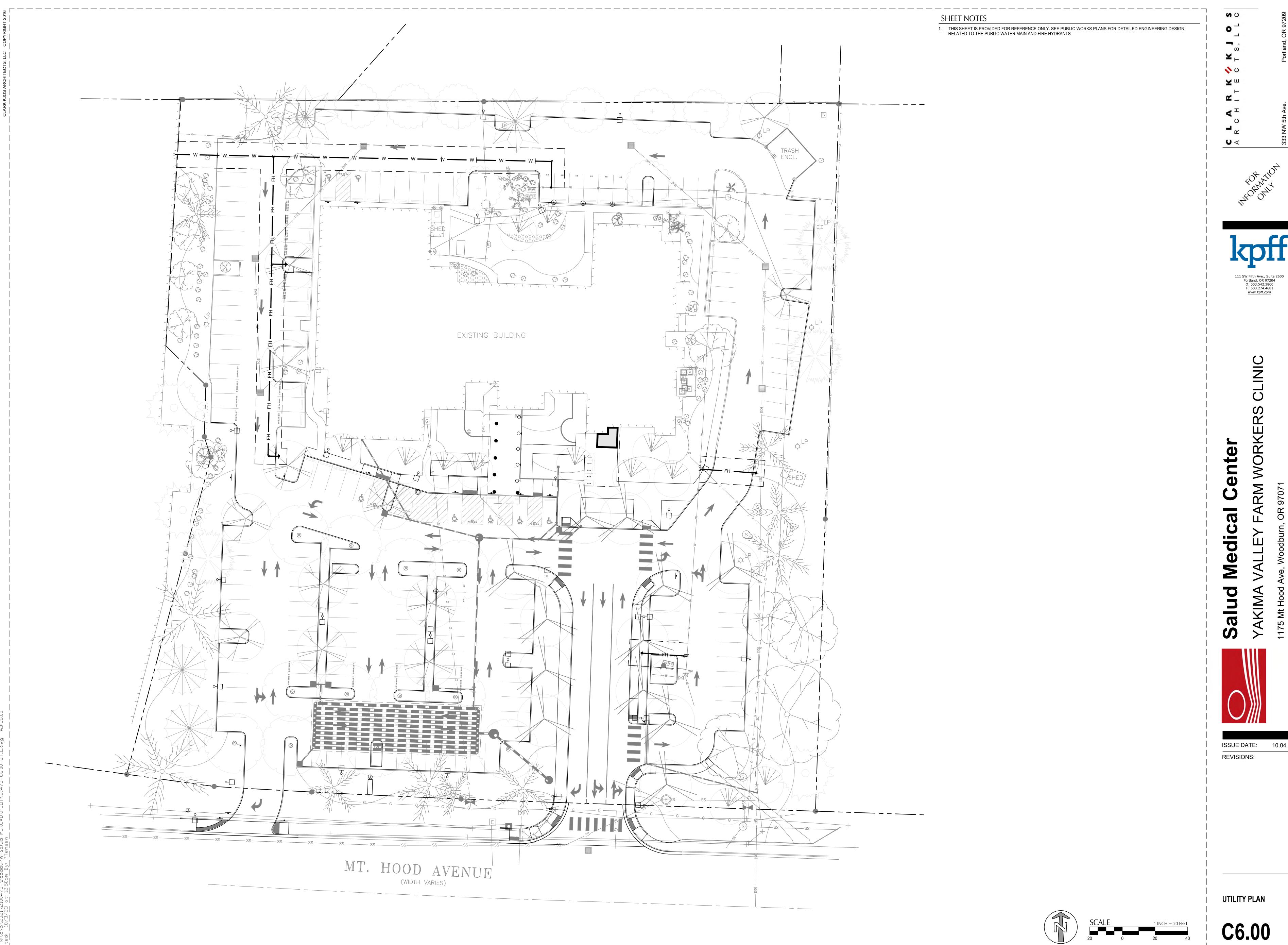


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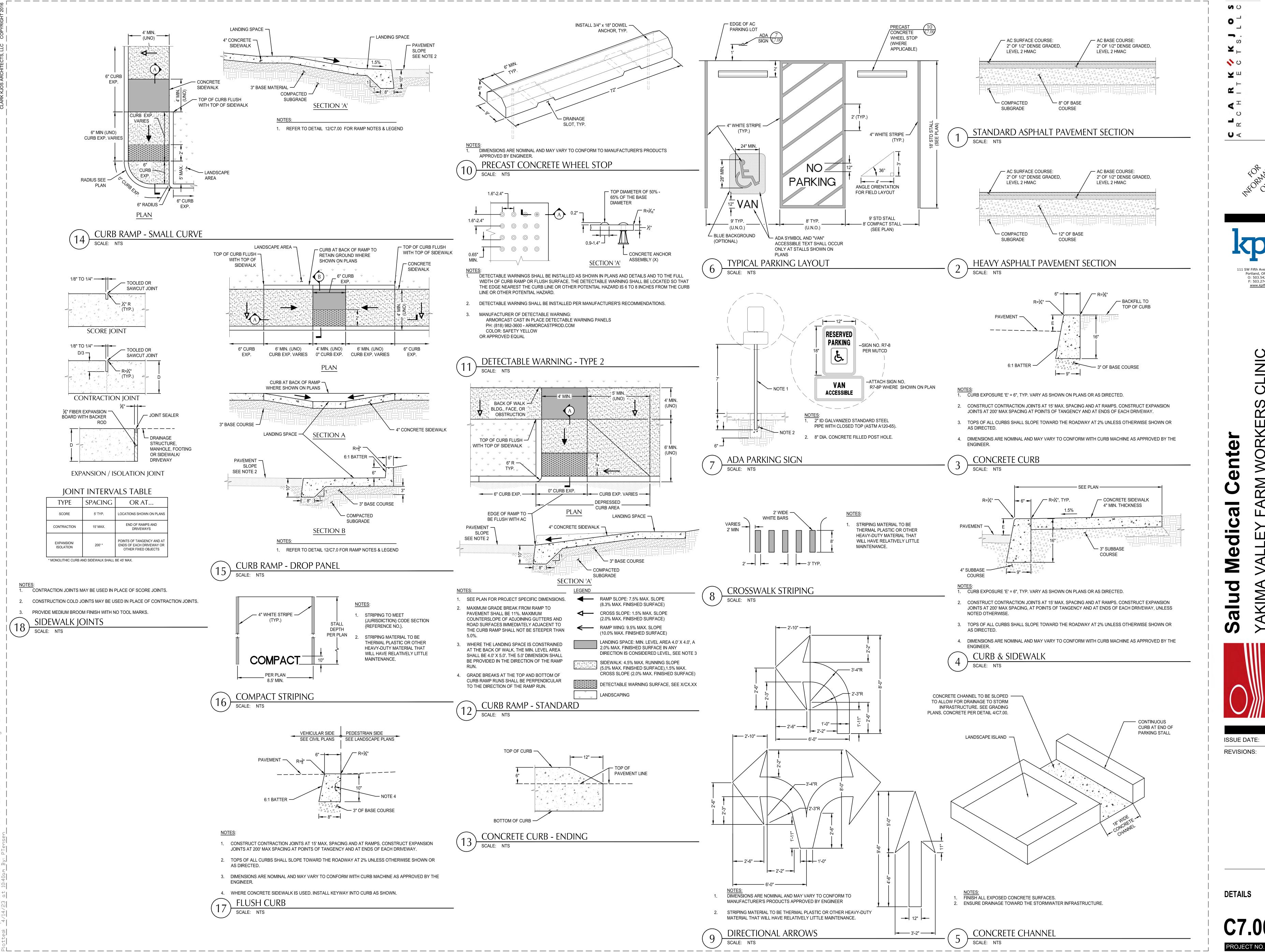
ISSUE DATE:

REVISIONS:

STORM PLAN



ISSUE DATE: 10.04.23 REVISIONS:





04.14.23

- A. OPTION B IS FOR MAINTENANCE AND ENERGY SUPPLIED TO EQUIPMENT OWNED BY THE CUSTOMER. DEVELOPER/CUSTOMER TO PURCHASE, SUPPLY AND INSTALL STREETLIGHT MATERIALS (INCLUDES CIRCUIT IN THE POLE). MATERIALS MUST BE FROM PGE'S MOST CURRENT VERSION OF THE APPROVED MATERIAL LIST.
- B. FOR OPTION B STREETLIGHTS (OWNED BY THE MUNICIPALITY/CITY), THE DEVELOPER/PROJECT IS RESPONSIBLE TO PROVIDE THE PGE LIGHTING DESIGN PROJECT MANAGER WITH THE STREETLIGHT PHOTOMETRIC DESIGN LAYOUT STAMPED APPROVED BY THE MUNICIPALITY/CITY UNDER WHOSE JURISDICTION IT FALLS, WHICH INCLUDES COMPLETE STREETLIGHT DESIGN DETAILS (POLE AND FIXTURE SPECIFICATIONS). THIS APPROVED PHOTOMETRIC DESIGN IS TO BE SUBMITTED SIMULTANEOUSLY WITH ANY PROJECTS NEEDING POWER PLANS. TO AVOID DELAYS WITH THE PGE ELECTRICAL PLANS. DESIGNS FOR OPTION B STREET LIGHTING MATERIALS NEED TO BE SPECIFIED FROM PGE'S APPROVED STREET LIGHTING EQUIPMENT LIST
- C. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE STREET LIGHT POLES AND FIXTURES, INSPECTION AND ENERGIZING OF THE STREET LIGHTS WITH PGE (SERVICE DESK 503-323-6700 AND SERVICE.COORDINATORS@PGN.COM) AND MELISSA ANTHONY-MORIN (MELISSA.ANTHONY@PGN.COM, 503 612-3627). REFERENCE PGE JOB NUMBER M3351974.

PGE TRENCH AND INSTALLATION REQUIREMENTS

- WITH PGE WILL BE ALLOWED TO WORK UNDER A PGE STREET RIGHT-OF-WAY PERMIT. THE CONTRACTOR MUST NOTIFY THE LOCAL JURISDICTION 48 HOURS BEFORE THE WORK IS TO BEGIN, A COPY OF THE PERMIT MUST BE ON SITE. B. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH EXCAVATION AND BACKFILLING, COMPACTION. ROAD CROSSINGS, CONDUITS, ELBOWS, VAULTS, JUNCTION BOXES, LANDSCAPE RESTORATION, ASSOCIATED PERMITS
- AND ANY OTHER REQUIREMENTS TO BE COMPLETE THE CONSTRUCTION FOR STREETLIGHT SERVICE C. PGE REQUIRES THE CONTRACTOR TO INSTALL THE BOTTOM PIECE OF STREETLIGHT POLE AND/OR CONCRETE FOOTING FOR THE STREETLIGHT POLE WHILE THEIR TRENCH IS OPEN. PGE WILL PROVIDE THE POLE FOOTING FOR OPTION A STREETLIGHTS, THEY ARE TO BE INSTALLED WITH 3/4 MINUS GRAVEL TAMPED AROUND THE BASE. 1. 2-PIECE FIBERGLASS POLE BASES ARE TO BE INSTALLED WITH THE YELLOW LINE AT GRADE WITH 1 FOOT BELOW FINAL GRADE OPEN SO THE TOP PIECE CAN BE PLACED DURING INSTALLATION, CONTRACTOR IS TO PROVIDE FXTRA GRAVEL TO BACKFILL TO GRADE.
- 2. CONCRETE FOOTINGS FOR STREETLIGHT POLES ARE TO BE INSTALLED FLUSH WITH GRADE. D. TRENCHES ARE TO BE 48 INCHES DEEP WHEN SHARED WITH OTHER UTILITIES, AND OTHERWISE AT LEAST 36 INCHES IN
- E. AN ON-SITE PRECONSTRUCTION MEETING IS REQUIRED FOR ALL PROJECTS WITH PGE'S FIELD CONSTRUCTION
- F. FINISHED GRADE MUST BE ESTABLISHED PRIOR TO TRENCH EXCAVATION TO ENSURE THAT MINIMUM COVER REQUIREMENTS FOR CABLES AND CONDUITS ARE ATTAINED. MINIMUM COVER REQUIREMENTS FOR CABLES ARE MEASURED FROM THE TRENCH SURFACE TO THE TOP OF THE CABLE OR CONDUIT.

STREET LIGHTING CONDUIT AND ELBOW REQUIREMENTS

- A. ALL CONDUIT ROUTES MUST BE APPROVED BY PGE PRIOR TO INSTALLATION BY THE CUSTOMER, CUSTOMER-INSTALLED CONDUIT MUST BE INSPECTED BY PGE BEFORE BACKFILL. B. ALL CONDUCTORS ARE TO BE INSTALLED IN CONDUIT. CONDUITS ARE TO BE SIZED FOR THE REQUIRED CONDUCTOR. AS
- 1. THREE-INCH AND/OR TWO-INCH DIAMETER CONDUIT IS REQUIRED FOR ALL RUNS OVER 100 FEET AND FOR ALL RUNS SERVING MORE THAN ONE LIGHT. 2. ONE-INCH DIAMETER CONDUITS MAY BE USED FOR RUNS NOT EXCEEDING 100 FEET IN LENGTH AND SERVING ONLY
- C. HDPF DUCT MAY BE USED FOR HORIZONTAL DIRECTIONAL BORING APPLICATIONS. THE DUCT MUST MEET THE REQUIREMENTS OF PGE SPECIFICATION L22501 (AVAILABLE UPON REQUEST FROM PGE). 1. FOR SAFETY REASONS, THE DUCT MUST BE BLACK WITH THREE EQUALLY SPACED EXTRUDED RED STRIPES, WHICH IS A SPECIFICATION REQUIREMENT, ALUMINUM COUPLINGS WITH BARBED THREADS ON BOTH ENDS MUST BE USED TO JOIN HDPE DUCT SECTIONS. AND STRAIGHT COUPLINGS WITH BARBED THREADS ON ONE END AND NPT ON THE
- OTHER END MUST BE USED FOR CONNECTING TO PVC DUCT. D. ALL CONDUITS MUST BE GRAY ELECTRICAL GRADE SCHEDULE 40 PVC, FLEX CONDUIT IS NOT ALLOWED. E. ALL CONDUITS ARE TO CONTAIN A 500-POUND TEST NON-CONDUCTIVE PULL STRING WITH 6 FEET OF PULL STRING
- EXTENDING BEYOND EACH END OF THE CONDUIT. F. BENDS ARE TO BE RIGID STEEL OR PGE APPROVED FIBERGLASS AS NOTED IN PGE'S ELECTRICAL SERVICI
- REQUIREMENTS BOOK: FOR CONDUIT RUNS LONGER THAN 151 FEET, OR FOR ANY LENGTH RUN WITH MORE THAN 180 DEGREES IN BENDS. NO MORE THAN 3-90 DEGREE ELBOWS OR A TOTAL OF 270 DEGREES OF BENDS IN ANY CONDUIT
- G. 36-INCH RADIUS ELBOWS ARE REQUIRED FOR ALL CONDUIT RUNS LONGER THAN 6 FEET. 24-INCH RADIUS ELBOWS ARE ALLOWED FOR 1-INCH SCH 40, PVC CONDUIT RUNS OF 6 FEET OR LESS, WHILE STILL MAINTAINING A 36-INCH MINIMUM DEPTH WITH PRIOR PGE APPROVAL H. FOR THREE-INCH AND TWO-INCH CONDUIT. SWEEPS MUST BE SEPARATED BY A MINIMUM 5-FOOT STRAIGHT SECTION.
- THERE MUST BE A 3-FOOT MINIMUM STRAIGHT SECTION FROM A VAULT I. ALL ELBOW BENDS MUST BE FACTORY MADE AND ALL CONDUIT AND ELBOW ENDS SHALL BE SMOOTH AND FREE OF BURRS AND ROUGH EDGES.
- J. WHEN A NEW CONDUIT AND/OR PULL LINE WILL BE ENTERING AN EXISTING PGE SECONDARY VAULT OR TRANSFORMER, THE INSTALLER IS REQUIRED TO CONTACT PGE PRIOR TO INSTALLATION. A PGE CREW WILL BE SCHEDULED TO MEET THE INSTALLER AT THE SITE TO ASSIST WITH THE INSTALLATION.
- K. THE CUSTOMER IS RESPONSIBLE FOR DUCT PROOFING ALL DUCTS INSTALLED FOR PGE JOBS BEFORE THE JOB IS COMPLETED AND BEFORE THE INSTALLATION OF PGE CONDUCTORS.

JUNCTION BOX NOTES

- A. ALL JUNCTION BOXES ARE TO BE PGE-APPROVED (AVAILABLE UPON REQUEST OF YOUR PGE PROJECT MANAGER). THE LID MUST BE SECURED WITH FIVE SIDED PENTA-HEAD BOLTS. COVERS MUST BE MARKED ELECTRIC OR POWER. B. MINIMUM 6 INCHES OF 3/4-INCH MINUS WELL-COMPACTED BACKFILL UNDER AND AROUND THE OUTSIDE OF THE JUNCTION
- C. CUSTOMER TO INSTALL A PGE-PROVIDED GROUND ROD INSIDE THE JUNCTION BOX, A MAXIMUM OF 3 INCHES OF GROUND ROD MUST BE SHOWING INSIDE THE JUNCTION BOX
- D. JUNCTION BOX MUST BE SET 2 INCHES ABOVE FINAL GRADE OR ON THE HIGHSIDE OF THE SLOPE. E. JUNCTION BOXES SET ON A SIDEWALK MUST BE SET TO GRADE. JUNCTION BOXES CANNOT BE COVERED BY LANDSCAPE MATERIALS. IF PGE LOCATES A HIDDEN JUNCTION BOX WITHIN 6 MONTHS OF PGE TAKING OWNERSHIP, PGE WILL BILL THE
- DEVELOPER FOR THE COST TO F. LOCATE AND MAKE ANY ADDITIONAL REPAIRS TO BRING THE JUNCTION BOX TO GRADE.
- G. JUNCTION BOXES ARE REQUIRED AT EACH STREETLIGHT LOCATION WHERE: CONDUIT RUNS SERVE MORE THAN ONE LIGHT, OR
- CONDUIT RUNS EXCEED 100 FEET IN LENGTH, OR CONDUIT SIZES ARE GREATER THAN ONE-INCH DIAMETER.

SOURCE TO THE POLE HAND HOLE.

TO GROUND

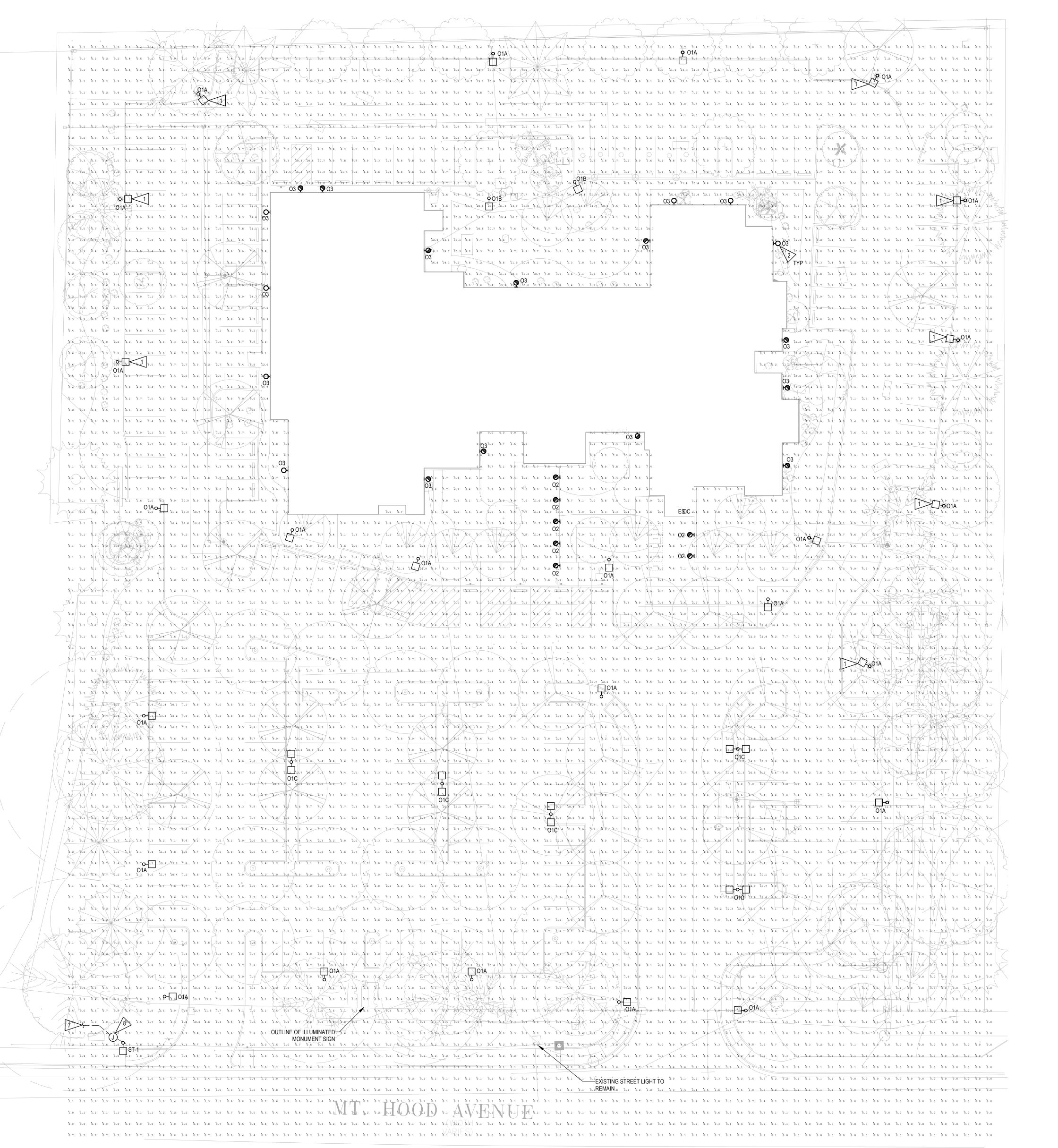
DECORATIVE ALUMINUM OR COMPOSITE POLES.

- H. A MINIMUM OF TWELVE INCHES WORKING SPACE IS TO BE PROVIDED BETWEEN THE TOP OF ELBOWS AND THE JUNCTION BOX LID TO ALLOW BENDING WIRE WITHOUT DAMAGE TO THE WIRE.
- THE ELBOWS ARE TO BE CLUSTERED AT ONE END OF THE JUNCTION BOX. J. WHERE MULTIPLE LIGHTS ARE SERVED FROM A RUN OF WIRE, THREE-INCH OR TWO-INCH CONDUIT AND JUNCTION BOXES
- ARE ALWAYS REQUIRED. K. JUNCTION BOXES ARE NOT TO BE COVERED WITH ANY LANDSCAPE MATERIAL.

- A. WHERE THERE IS A PLANTER STRIP, STREETLIGHTS ARE TO BE PLACED A MINIMUM OF 2 FOOT FACE OF POLE, FACE OF
- B. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, STREETLIGHT PLACEMENT IS 6 INCHES BEHIND WALK. CONDUIT AND JUNCTION BOXES ARE TO BE PLACED IN THE PUBLIC UTILITY EASEMENT (PUE).
-). ALL OTHER LOCATIONS MUST BE APPROVED BY A PGE LIGHTING PROJECT MANAGER
- E. ALL METAL POLES MUST BE GROUNDED PER NESC 215.C AND NESC SECTION 9, USING A 5/8" X 8' GALVANIZED ROD, CONNECTED TO THE GROUNDING LUG INSIDE THE POLE USING SOLID #6 CU BSD WIRE (STRANDED WIRE IS NOT ACCEPTABLE). PGE WILL PROVIDE THE GROUND ROD AND COPPER WIRE FOR GROUNDING THE METAL STREETLIGHT POLE. GROUND RODS WILL BE INSTALLED A MINIMUM OF 6 INCHES BEHIND THE CONCRETE FOOTING AND A MINIMUM OF 2 INCHES BELOW GRADE. THE COPPER WIRE IS TO BE COILED AT BOTH ENDS FOR PGE, COPPER WIRE WILL BE PULLED THROUGH ONE OF THE FLUTES IN THE CONCRETE FOOTING DURING THE FOOTING INSTALLATION AND THE OTHER END PLACED ADJACENT TO THE GROUND ROD.

OPTION B - LIGHT AND POLE INSTALLATION BY CONTRACTOR

- A. WHERE JUNCTION BOXES ARE INSTALLED. THE CONTRACTOR SHALL RUN CONTINUOUS #10 CU 3-CONDUCTOR STREETLIGHT WIRE FROM THE LUMINAIRE TO THE JUNCTION BOX. B. WHERE JUNCTION BOXES ARE NOT INSTALLED, THE CONTRACTOR SHALL RUN CONTINUOUS #10 CU 3-CONDUCTOR STREETLIGHT WIRE FROM THE LUMINAIRE TO THE HAND HOLE OF THE POLE. PGE WILL RUN CONDUCTOR FROM THE
- C. IN BOTH CASES, 18" OF EXTRA CONDUCTOR SHALL BE PROVIDED FOR PGE TO MAKE THE CONNECTION. D. ALL DIRECT BURIAL TYPE STREETLIGHT POLES ARE TO BE SET TO THE DEPTH SPECIFIED IN PGE STANDARDS: FIVE FEET FOR 30 AND 35 FOOT POLES, FOUR FEET FOR ALL SHORTER POLES.
- E. WHERE ANCHOR-BASE TYPE POLES ARE INSTALLED USING PRECAST CONCRETE FOOTINGS, PGE SPECIFIES: F. UTILITY VAULT #20R-LB-4-PGE: 20" DIAMETER/4' LONG ROUND FOOTING WITH 11" BOLT CIRCLE FOR ALL 14' OR 16'
- G. UTILITY VAULT #4-LB-PGE: 18" SQUARE/4' LONG FOOTING WITH 8" BOLT CIRCLE FOR ALL 16' REGULAR ALUMINUM POLES H. UTILITY VAULT #5CL-LB-PGE: 14" SQUARE/5' LONG FOOTING WITH 11" BOLT CIRCLE FOR ALL 25' TO 35' ALUMINUM POLES
- AND COMPOSITE POLES. I. UTILITY VAULT #7LB: 18" TOP TO 24" BOTTOM TAPERED SQUARE/7' LONG FOOTING WITH 11" BOLT CIRCLE FOR ALL 40'
- ALUMINUM POLES AND COMPOSITE POLES. J. ALL CONCRETE FOOTINGS ARE TO BE INSTALLED WITH TOP OF CONCRETE BASE FLUSH TO CURB/SIDEWALK. K. MINIMUM 8 INCH TAMPED 3/4-INCH MINUS CRUSHED ROCK BACKFILL IS REQUIRED AROUND ALL POLES AND FOOTINGS
- REGARDLESS OF SOIL CONDITION TO MAINTAIN PROPER POLE ALIGNMENT. L. ALL METAL POLES MUST BE GROUNDED PER NESC 215.C AND NESC SECTION 9, USING A 5/8" X 8' GALVANIZED ROD, CONNECTED TO THE GROUNDING LUG INSIDE THE POLE USING SOLID #6 CU BSD WIRE (STRANDED WIRE IS NOT
- ACCEPTABLE). THE GROUND ROD IS TO BE DRIVEN INTO UNDISTURBED SOIL NEAR THE POLE. M. ALL STREETLIGHTS ARE TO BE CONNECTED 240 VOLTS TO THE BLACK AND RED HOT LEGS OF THE CONDUCTOR, UNLESS OTHER VOLTAGE IS APPROVED BY PGE LIGHTING PROJECT MANAGER. THE GREEN WIRE IS TO BE CONNECTED
- N. WIRE NUTS ARE NOT ALLOWED BY PGE. THE CONTRACTOR MAY ONLY CONNECT APPROVED WIRE DIRECTLY TO THE TERMINAL BLOCK IN THE LUMINAIRE ITSELF. PGE WILL MAKE ALL OTHER CONNECTIONS USING COMPRESSION CLAMPS. O. PGE WILL MAKE THE FINAL CONNECTION IN THE JUNCTION BOX OR HAND HOLE TO ENERGIZE THE STREETLIGHT. P. SUPPLYING AND INSTALLING STREETLIGHT ON DISTRIBUTION POLES IS THE RESPONSIBILITY OF THE
- DEVELOPER/CUSTOMER. THE CONTRACTOR MUST BE A QUALIFIED WORKER PER NESC AND OSHA REQUIREMENTS. THE MAST ARM AND STREETLIGHT SHALL HAVE PROPER BONDING EQUIPMENT ATTACHED FOR PGE TO MAKE THE CONNECTIONS TO ENERGIZE THE STREETLIGHT AND BOND THE MAST ARM TO PGE'S SYSTEM. (THIS INCLUDES THE FIXTURE, MAST ARM, STREETLIGHT CONDUCTOR & BONDING MATERIALS)
- Q. THE CONTRACTOR IS RESPONSIBLE FOR THE CORRECT OPERATION OF THE STREET LIGHT SYSTEM FOR THE FIRST YEAR AFTER BEING ENERGIZED BY PGE. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ANY POLES WHICH GO OUT OF PLUMB WITHIN THIS FIRST YEAR. DURING THIS ACCEPTANCE PERIOD ANY REPAIRS OR POLE STRAIGHTENING PERFORMED ON THE INSTALLED SYSTEM BY PGE WILL BE BILLED TO THE DEVELOPER.



SHEET NOTES

A. NOT USED. B. NOT USED.

C. STREET LIGHTING COORDINATION WITH PGE TO CONTINUE DURING NEXT DESIGN PHASE. EXACT POWER SOURCE LOCATION AND INSTALLATION REQUIREMENTS, INCLUDING POLE BASE TYPE TO BE DETERMINED AND WILL BE COORDINATED DURING NEXT DESIGN PHASE.

FLAG NOTES #>>

1. EXISTING POLE TO REMAIN. PROVIDE NEW O1A FIXTURE TO EXISTING POLE.

2. PROVIDE WALL-MOUNTED AREA LIGHT

NOT USED.

5. NOT USED.

NOT USED. 7. POWER AND CONDUIT ROUTED BACK TO PGE POWER SOURCE.

8. INSTALL PGE 13" X 24" X 18" JUNCTION BOX WITH LID MARKED "ELECTRIC". REFER TO DETAIL #1 ON SHEET E7.00 FOR MORE INFORMATION.

REVISIONS:

ELECTRICAL - SITE

FIXTURE TYPE	DESCRIPTION	MOUNTING	CCT / CRI	INPUT WATTS (W)	LUMEN OUTPUT	EFFICACY (LUMENS / WATTS)	BALLAST / TRANSFORMER / DRIVER	VOLTAGE	LENS / REFLECTOR / BEAM	HOUSING	TRIM / FLANGE / BAFFLE / FINISH	MANUFACTURER / CATALOG #	REMARKS / ACCESSORIES/ OPTIONS
									EXTERIOR LIGHTING				
O1A	TYPE IV DISTRIBUTION POLE LED LUMINAIRE	14' POLE	3000K 80CRI	109	12930	118	0-10V DIMMING DRIVER	UNV	ACRYLIC LENS	ALUMINUM	BY ARCHITECT	LITHONIA LIGHTING - RSX1 SERIES	PROVIDE 14' POLE. PROVIDE PHOTOCELL. FOR EXISTING TO REMAIN POLES PROVIDE 01A FIXTURE ONLY. SEE PLANS FOR ADDITIONAL INFORMATION.
O1B	TYPE IV DISTRIBUTION POLE LED LUMINAIRE	10' POLE	3000K 80CRI	109	12930	118	0-10V DIMMING DRIVER	UNV	ACRYLIC LENS	ALUMINUM	BY ARCHITECT	LITHONIA LIGHTING - RSX1 SERIES	PROVIDE 10' POLE. PROVIDE PHOTOCELL.
O1C	DOUBLE HEAD TYPE IV DISTRIBUTION POLE LED LUMINAIRE	14' POLE	3000K 80CRI	109	12930	118	0-10V DIMMING DRIVER	UNV	ACRYLIC LENS	ALUMINUM	BY ARCHITECT	LITHONIA LIGHTING - RSX1 SERIES	PROVIDE 14' POLE. PROVIDE PHOTOCELL.
O2	TYPE TFTM DISTRIBUTION WALL PACK LED LUMINAIRE	8' MOUNTING ON WALL	3000K 80CRI	32	3015	94	0-10V DIMMING DRIVER	UNV	ACRYLIC LENS	ALUMINUM	BY ARCHITECT	LITHONIA LIGHTING - WDGE 2 SERIES	PROVIDE INTEGRAL BATTERY PACK AND PHOTOCELL
O3	TYPE IV DISTRIBUTION WALL PACK LED LUMINAIRE	8' MOUNTING ON WALL	3000K 80CRI	51	7145	140	0-10V DIMMING DRIVER	UNV	ACRYLIC LENS	ALUMINUM	BY ARCHITECT	LITHONIA LIGHTING - WDGE 3 SERIES	PROVIDE INTEGRAL BATTERY PACK AND PHOTOCELL

OTDEET	
JIILLI	LIGHTING LUMINAIRE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MOUNTING	CCT / CRI	INPUT WATTS (W)	LUMEN OUTPUT	EFFICACY (LUMENS / WATTS)	VOLTAGE	LENS / REFLECTOR / BEAM	HOUSING	TRIM / FLANGE / BAFFLE / FINISH	MANUFACTURER / CATALOG #	REMARKS / ACCESSORIES/ OPTIONS
								INTERIOR LIGHTING				
ST-1	STREET POLE LIGHT WITH TYPE II MEDIUM DISTRIBUTION LED LUMINAIRE	35' POLE	3000K 80 CRI	88	10230	128	UNV	MICRO LENS	ALUMINUM	GRAY	LEOTEK - GCM2-40H-MV-WW-2R-GY-700-PCR7-R WG-WL-FDC	VERIFY SPECIFIED POLE AND ARM WITH THE CITY OF WOODBURN.

PHOTOMETRIC ANALYSIS SUMMARY	(ILLUMINANCE METHOD
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		•	•	•				
ROADWAY	CLASSIFICATION	PEDESTRIAN CONFLICT AREA	PASS/FAIL	AVERAGE LI	GHT LEVEL [FC]	UNIFORMITY [AVG/MIN]		
KOADWAT	CLASSIFICATION			TARGET	CALCULATED	TARGET	CALCULATED	
MT. HOOD VE/HILLSBORO-SILVERTON HW	MAJOR	HIGH	TARGET ACHIEVED	>=1.2	1.6	<=3.0	1.5	

. L A R K V K R C H I T E C T

G R O U P

111 SW Fifth Ave, Ste 3210
Portland, Oregon 97204

Tel 503.416.2400

MOTFORTION

SOMS.

Salud Medical Center Yakima Valley farm workers (

ISSUE DATE: 09.29.2

ELECTRICAL LIGHTING SCHEDULE

E2.02

SHEET NOTES A. CIRCUITING INFORMATION TO BE PROVIDED DURING NEXT DESIGN PHASE.

FLAG NOTES #>>

- PROVIDE 40A, LEVEL 2, DUAL-PORT, PEDESTAL-MOUNT EV CHARGING STATION. BASIS OF DESIGN: EV CHARGER. BASIS OF DESIGN CHARGE POINT CT4021.
- 2. INTERCEPT EXISTING CIRCUIT AND EXTEND TO REPLACEMENT LUMINAIRE.
- PROVIDE PEDESTAL WITH (1) NEMA 14-50R, (1) NEMA 14-50R, (1) NEMA 14-30R, & (1) NEMA 5-20R.
- 4. EXTEND MONUMENT SIGN CIRCUIT CONDUITS AND CONDUCTORS TO LOCATION SHOWN.

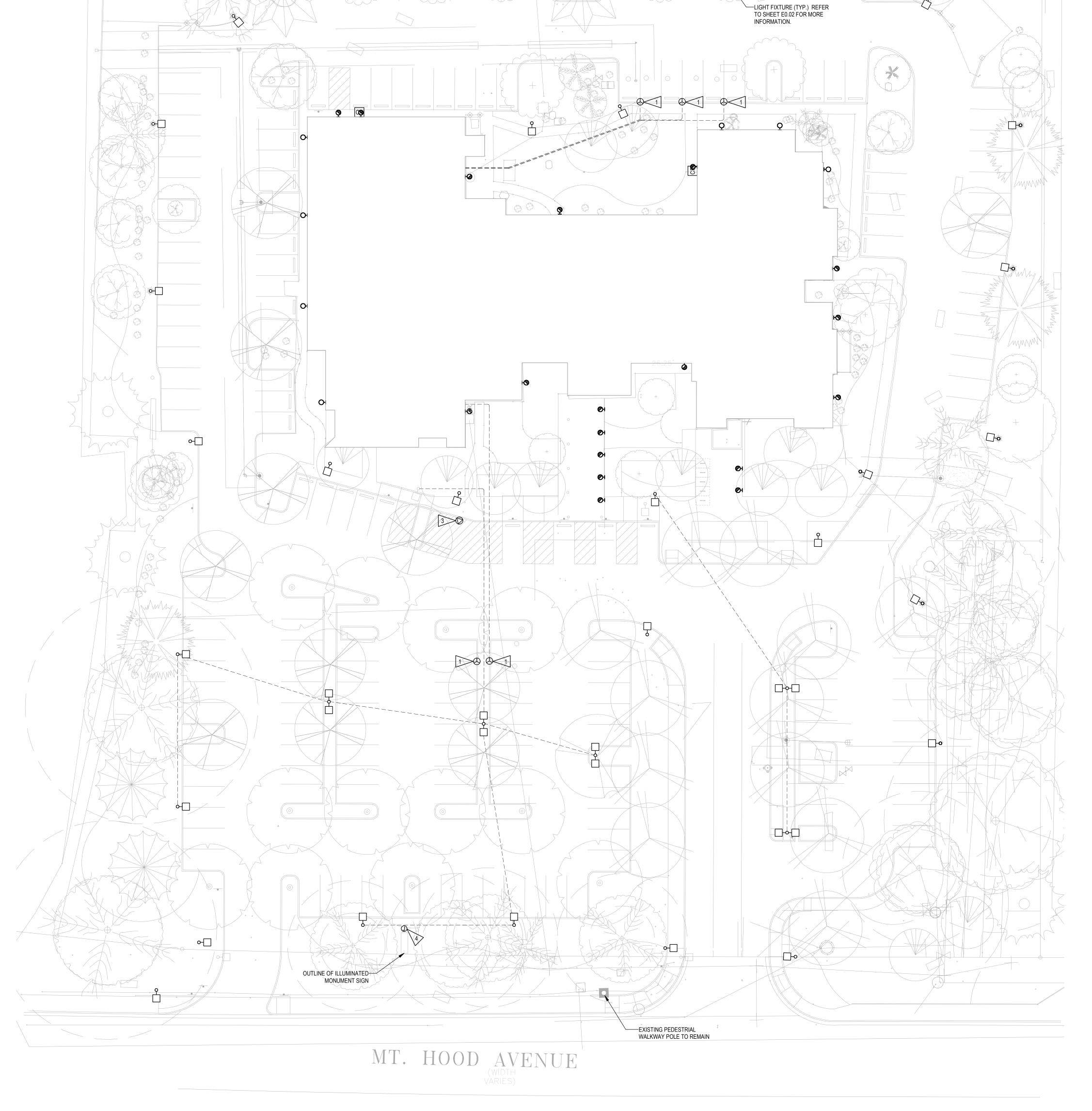


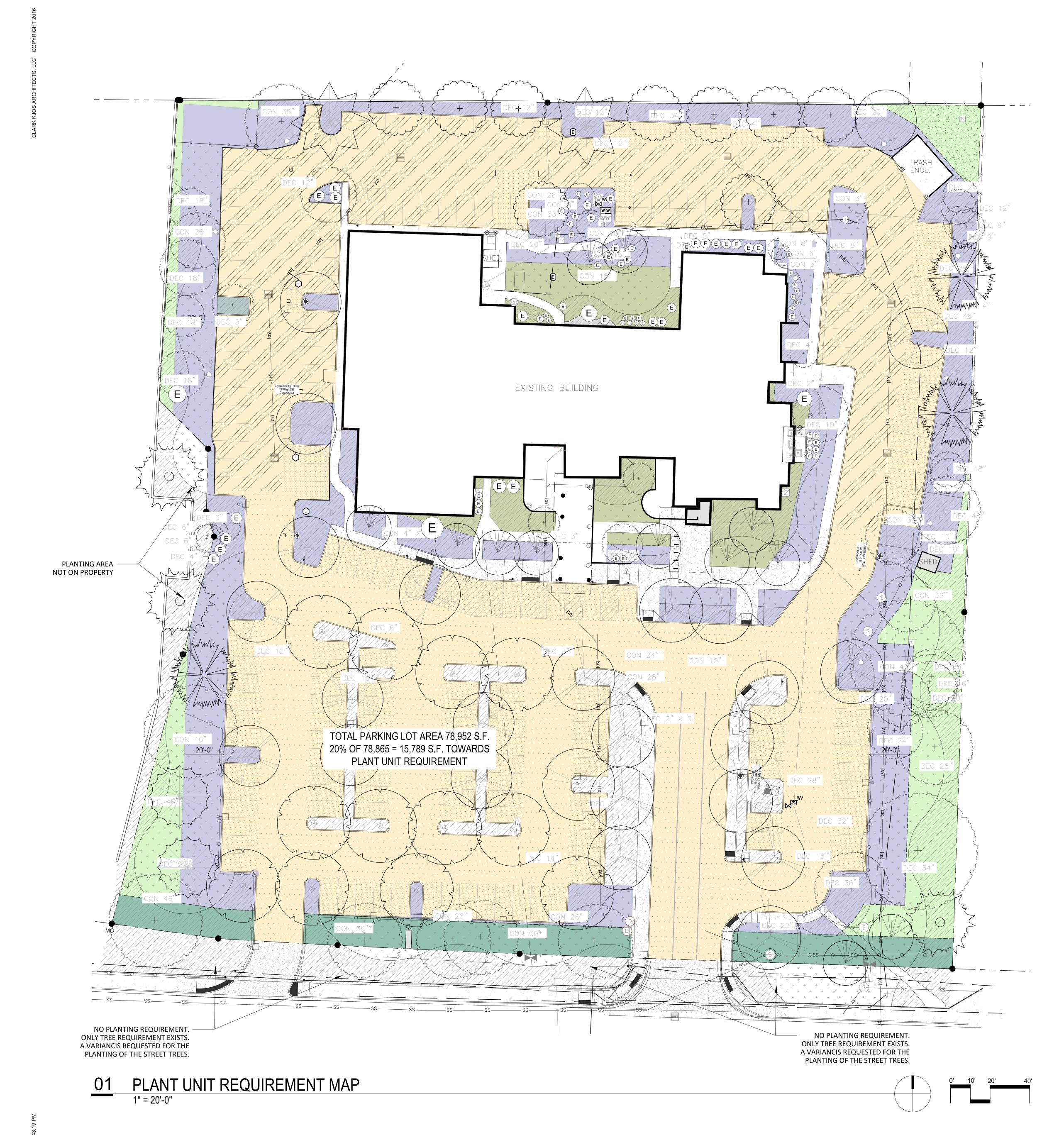
ISSUE DATE: 09.29.23

REVISIONS:

ELECTRICAL - SITE PLAN

E0.03





LEGEND

EXISTING TREES TO REMAIN

OFF STREET PARKING/BUFFER PLANTINGS - 78,865 S.F. (1PLANT UNIT PER 20 S.F.) FOR 'CO' ZONE 20% OF PARKING LOT AREA IS USED TO CALCULATE TOTAL PLANT UNIT REQUIREMENT.

20' SETBACK AWAY FROM PARKING LOT LANDSCAPING CONSTITUTES THE AREA DESIGNATED FOR OFF STREET PARKING BUFFER PLANTINGS. BUFFER YARDS DO NOT NEED TO BE COUNTED WITHIN THIS ZONE. - 29,835 S.F.

RIGHT OF WAY SETBACK PLANTINGS - 5,178 S.F. (1PLANT UNIT PER 15 S.F.)

BUFFER PLANTINGS - 9,471 S.F. (1PLANT UNIT PER 20 S.F.)

OTHER YARDS PLANTING - 1PU/50 S.F.

PLANTING REQUIREMENTS (SEE LEGEND FOR PROPOSED PLANT QUANTITIES)

MINIMUM LANDSCAPE REQUIREMENT	AREA
TOTAL SITE AREA	170,381 S.F.
TOTAL LANDSCAPE AREA PROVIDED	62,943 S.F. (34.
PLANT UNIT REQUIREMENTS	PLANT UNITS
PARKING AND LOADING LANDSCAPING (1 PLANT UNIT PER 20 S.F. OF LANDSCAPED AREA FOR 20% OF PARKING LOT AREA) 78,865 S.F.X 20% = 15,773 / 20 = 789 PU'S	789 P.U.
BUFFER LANDSCAPING - 9,471 S.F. (1 PLANT UNIT PER 20 S.F. OF LANDSCAPED AREA)	474 P.U.
OTHER YARD LANDSCAPING - 5,456 S.F. (1 PLANT UNIT PER 50 S.F. OF LANDSCAPED AREA)	113 P.U.
STREETSIDE SETBACK LANDSCAPING - 5,178 S.F. (1 PLANT UNIT PER 15 S.F. OF LANDSCAPED AREA)	345 P.U.
TOTAL PLANT UNITS REQUIRED	1,717 P.U.
TOTAL LANDSCAPE AREA PLANT UNITS PROVIDED	
SIGNIFICANT EXISTING TREES (15 P.U.) - 13	195 P.U.
LARGE EXISTING TREES (10 P.U.) - 4	40 P.U.
MEDIUM EXISTING TREES (8 P.U.) -15	116 P.U.
SMALL EXISTING TREES (4 P.U.) - 14	56 P.U.
PROPOSED LARGE TREES (10P.U.) - 9	90 P.U.
PROPOSED MEDIUM TREES (8 P.U.) - 38	304 P.U.
PROPOSED SMALL TREES (4 P.U.) - 21	84 P.U.
EXISTING LARGE SHRUB (4'X4' OR LARGER) (2 P.U.) - 17	34 P.U.
LARGE SHRUB (4'X4' OR LARGER) (2 P.U.) - 330	660 P.U.
EXISTING SMALL TO MEDIUM SHRUB (4'X4' OR SMALLER) (1 P.U.) - 63	63 P.U.
SMALL TO MEDIUM SHRUB (4'X4' OR SMALLER) (1 P.U.) - 564	564 P.U.
GROUNDCOVER (1 P.U. PER 50 S.F.) - 13,550 S.F.	271 P.U.
LAWN (1 P.U. PER 50 S.F.) - 22,010 S.F.	440 P.U.
TOTAL PLANT UNITS	2,917 P.U.

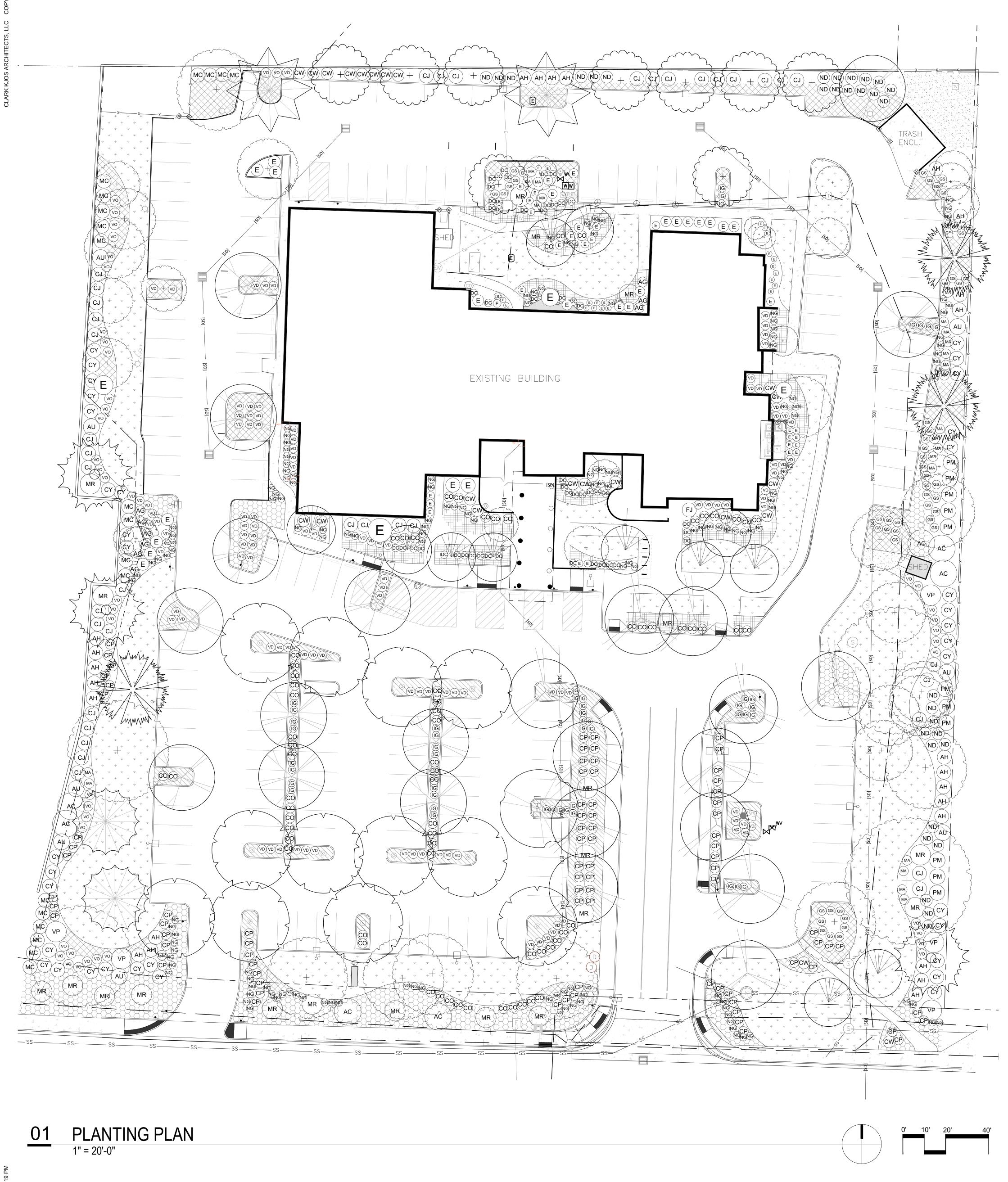
NOTES

- 1. ALL REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED UNLESS IT IS DOCUMENTED THAT PROPOSED LANDSCAPING DOES NOT REQUIRE IRRIGATION.
- 2. (1) TREE FOR EVERY 30' SHALL BE PLANTED IN THE RIGHT OF WAY. OR PAY A FEE IN LIEU OF PLANTING.
- 3. PLANT UNITS ARE REQUIRED FOR 20% OF THE TOTAL OF THE PARKING AND LOADING PAVED AREAS FOR 'CO' ZONED SITES.
- 4. OFF STREET PARKING AREAS WILL INCLUDE (1) SMALL TREE PER (10) PARKING SPACES, (1) MEDIUM TREE PER (15) PARKING SPACES OR (1) LARGE TREE PER 25 PARKING SPACES.
- THERE SHALL BE NO MORE THAN 10 CONTIGUOUS PARKING SPACES WITHOUT AN INTERMEDIATE PLANTING ISLAND. PLANTING ISLANDS SHALL BE A MINIMUM OF 6' WIDE AND A MINIMUM OF 84 SQUARE FEET IN SIZE.

PLANTING NARRATIVE

EXISTING TREES WILL BE RETAINED AS SHOWN AND 65 NEW TREES WILL ADDED THROUGHOUT THE SITE. LAWN HAS BEEN MAXIMIZED AND SPECIFIED WHERE IT MAKES SENSE AND PLANTING BEDS WILL BE PLANTED USING AS MANY SHRUBS AND AS LITTLE GROUNDCOVER AS POSSIBLE. PERIMETER BEDS WILL RECEIVE LARGER SHRUBS THAT FILL THE PLANTING BEDS WITHOUT MANY LAYERS WHILE THE PLANTING BEDS AROUND THE BUILDING WILL BE MORE DENSELY PLANTED. THE HILLSIDE ON MT. HOOD AVE. IS HEAVILY SLOPED AND IT WILL BE PLANTED WITH FAST SPREADING GROUNDCOVER AT A RATE OF 4-6' ON CENTER WHERE PLANTING BEDS ARE SHOWN.

PLANTING PLAN



TREE SCHEDULE (L-LARGE) (M-MEDIUM) (S-SMALL) DECIDUOUS / COMMON NAME SIZE SPACING CONDITION QTY. P.U.'S SYMBOL | BOTANICAL NAME **EVERGREEN** EXISTING TREES TO REMAIN 12-14' TALL CALOCEDRUS DECURRENS (L) INCENSE CEDAR CORNUS FLORIDA (S) FLOWERING DOGWOOD SHOWN CORNUS KOUSA 'VENUS' (S) VENUS DOGWOOD PINUS FLEXILIS 'VANDERWOLF' (M) VENUS DOGWOOD TALL PYRUS CALLERYANA (M) CALLERY PEAR D 2" CAL PISTACIA CHINENSIS (M) CHINESE PISTACHE PRUNUS YEODENSIS (M) YOSHINO CHERRY SHOWN0 PSEUDOTSUGA MENZIESSII (L) DOUGLAS FIR TALL LAGERSTROEMIA INDICA 'NATCHEZ' (S) NATCHEZ CRAPE MYRTLE QUERCUS GARRYANA (L) OREGON WHITE OAK SHOWN

SYMBOL	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY.	PU'S	
AC	ACER CIRCINATUM (L)	VINE MAPLE	E	6-8' TALL	AS SHOWN	CONTAINER	7		
AG	ABELIA X GRANDIFLORA 'EDWARD GOUCHER' (SM)	ABELIA	E	5 GAL	AS SHOWN	CONTAINER	10	10	
AU	ARBUTUS UNEDO (L)	STRAWBERRY TREE	E	15 GAL	AS SHOWN	CONTAINER	9	18	
AH	ARCTOSTAPHYLOS 'HOWARD MCMINN' (L)	MANZANITA	E	5 GAL	AS SHOWN	CONTAINER	24	52	
CW	CAMELLIA SASANQUA 'WINTERS SNOWMAN' (L)	WINTERS SNOWMAN CAMELLIA	E	5 GAL	AS SHOWN	CONTAINER	22	44	
CY	CAMELLIA SASANQUA 'YULETIDE' (L)	YULETIDE CAMELLIA	Е	5 GAL	AS SHOWN	CONTAINER	35	70	
CJ	CEANOTHUS THYRSIFLORUS 'JULIA PHELPS' (L)	BLUE BLOSSOM	E	5 GAL	AS SHOWN	CONTAINER	38	76	
СО	CISTUS OBTUSIFOLIUS (SM)	ROCKROSE	Е	3 GAL	AS SHOWN	CONTAINER	70	70	
CP	CISTUS PURPUREUS (L)	ROCKROSE	E	3 GAL	AS SHOWN	CONTAINER	83	166	
CK	CORNUS STOLONIFERA 'KELSEYI' (SM)	REDTWIG DOGWOOD	D	5 GAL	AS SHOWN	CONTAINER	-	-	
СТ	CHOISYA TERNATA (L)	MEXICAN ORANGE	E	5 GAL	AS SHOWN	CONTAINER	-	-	
DC	DAPHNE X 'CAROL MACKIE' (SM)	CAROL MACKIE DAPHNE	Е	3 GAL	AS SHOWN	CONTAINER	53	53	
DO	DAPHNE ODORA 'PERFUME PRINCESS' (SM)	ZUIKO NISHIKI DAPHNE	Е	3 GAL	AS SHOWN	CONTAINER	-	_	
GS	GAULTHERIA SHALLON (SM)	SALAL	Е	5 GAL	AS SHOWN	CONTAINER	49	49	
IG	ILEX GLABRA 'SHAMROCK' (SM)	INKBERRY	E	5 GAL	AS SHOWN	CONTAINER	48	48	
MR	MAGNOLIA STELLATA 'ROYAL STAR' (L)	ROYAL STAR MAGNOLIA	E	15 GAL	AS SHOWN	CONTAINER	20	40	
MA	MAHONIA AQUIFOLIUM 'COMPACTA' (SM)	COMPACT OREGON GRAPE	E	3 GAL	AS SHOWN	CONTAINER	23	23	
МС	MYRICA CALIFORNICA (L)	PACIFIC WAX MYRTLE	Е	5 GAL	AS SHOWN	CONTAINER	18	36	
ND	NANDINA DOMESTICA 'MOYERS RED' (L)	MOYERS RED HEAVENLY BAMBOO	E	5 GAL	AS SHOWN	CONTAINER	31	62	
NG	NANDINA DOMESTICA 'GULF STREAM' (SM)	GULF STREAM HEAVENLY BAMBOO	E	3 GAL	AS SHOWN	CONTAINER	152	152	
PM	PINUS MUGO (L)	MUGO PINE	E	5 GAL	AS SHOWN	CONTAINER	11	22	
PF	POTENTILLA FRUTICOSA 'HAPPY FACE' (SM)	SHRUBBY CINQUEFOIL	D	3 GAL	AS SHOWN	CONTAINER	-	-	
SC	SARCOCOCCA CONFUSA (SM)	SWEETBOX	E	5 GAL	AS SHOWN	CONTAINER	-	-	
VD	VIBURNUM DAVIDII (SM)	DAVIDS VIBURNUM	Е	5 GAL	AS SHOWN	CONTAINER	111	111	
VP	VIBURNUM PLICATUM TOMENTOSUM 'MARESII' (L)	DOUBLEFIRE VIBURNUM	E	5 GAL	AS SHOWN	CONTAINER	12	24	
VO	VACCINIUM OVATUM (L)	EVERGREEN HUCKLEBERRY	E	5 GAL	AS SHOWN	CONTAINER	44	88	

GROUNDO	OVERS							
	BOTANICAL NAME	COMMON NAME	DECIDUOUS / EVERGREEN	SIZE	SPACING	CONDITION	QTY.	PU'S
V V V V V V V V V V V V V V V V V V V	'DOT MULTI-PURPOSE' BY SUNMARK	NATIVE ECOTURF	Е	SEED	1 LB. PER 1,000 S.F	SEED	1 LB.	438
	ARCTOSTAPHYLOS HOOKERI 'WAYSIDE'	WAYSIDE MANZANITA	E	1 GAL	36" O.C.	CONTAINER	-	-
	CEANOTHUS GLORIOSUS 'ANCHOR BAY'	ANCHOR BAY CALIFORNIA LILAC	E	1 GAL	36" O.C.	CONTAINER	444	99
	NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	Е	1 GAL	24" O.C.	CONTAINER	659	53
	MAHONIA REPENS	CREEPING MAHONIA	Е	1 GAL	30" O.C.	CONTAINER	711	82
	TRACHELSPERMUM (SM) JASMINOIDES	STAR JASMINE	Е	1 GAL	AS SHOWN	CONTAINER	251	37

PLANTING NOTES

- PLANTING PLAN AND PLANT MATERIALS COMPLY WITH CHAPTER 3.06 LANDSCAPING OF THE CITY OF WOODBURN CODE.
- REMOVE ALL SHRUBS THAT ARE NOT MARKED WITH A PLANT SYMBOL WITH THE INITIAL 'E'. 3. SEE CIVIL DRAWINGS FOR EXTENT OF SITE GRADING, UTILITIES, STORMWATER FACILITY DESIGN.
- 4. SEE TREE PROTECTION/REMOVAL PLAN FOR TREES TO BE PROTECTED.
- 5. SEE L2.2 FOR A MORE DETAILED ANALYSIS OF PLANT UNITS REQUIRED BY THE CITY OF WOODBURN AS WELL AS PLANT UNITS 6. ALL REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED UNLESS IT IS DOCUMENTED THAT PROPOSED LANDSCAPING DOES
 - 7. (1) TREE FOR EVERY 30' SHALL BE PLANTED IN THE RIGHT OF WAY. OR PAY A FEE IN LIEU OF PLANTING. 8. OFF STREET PARKING AREAS WILL INCLUDE (1) SMALL TREE PER (10) PARKING SPACES, (1) MEDIUM TREE PER (15) PARKING
- SPACES OR (1) LARGE TREE PER 25 PARKING SPACES. 9. THERE SHALL BE NO MORE THAN 10 CONTIGUOUS PARKING SPACES WITHOUT AN INTERMEDIATE PLANTING ISLAND. PLANTING ISLANDS SHALL BE A MINIMUM OF 6' WIDE AND A MINIMUM OF 84 SQUARE FEET IN SIZE.
- 10. ALL TREES TO BE A MINIMUM OF 2" CALIPER OR 10' TALL MINIMUM. 11. SMAL AND MEDIUM SHRUBS SHALL BE A MINIMUM OF (1) GALLON SIZE. LARGE SHRUBS SHALL BE A MINIMUM OF (3) GALLON
- 12. PLANT SUBSTITUTES WILL BE APPROVED BY LANDSCAPE ARCHITECT. SUBMIT REQUESTS TO LANDSCAPE ARCHITECT
- BEFORE INSTALLATION. 13. TREE AND PLANT HEALTH SHALL BE OPTIMAL ACCORDING TO NURSERYMAN STANDARDS. LANDSCAPE ARCHITECT TO APPROVE HEALTH OF TREES AND PLANTS PRIOR TO INSTALLATION.

SOIL PREPARATION NOTES

- 1. FOR SOIL PREPARATION INSTALLATION METHOD AND MATERIALS SEE SPECIFICATION SECTION 32 91 13.
- 2. SEE SOIL PREPARATION DETAILS FOR METHOD OF SOIL PREPARATION.
- 3. IN AREAS OF FILL, 6" OF SANDY LOAM TOPSOIL WILL BE INSTALLED ON TOP OF EXISTING SOILS. EXISTING SOILS TO BE SCARIFIED TO A 4" DEPTH BEFORE INSTALLING.
- 4. IN AREAS WHERE CUT IS REQUIRED, BLEND 4" OF COMPOST INTO EXISTING SOILS AND TILL INTO EXISTING SOILS.
 5. SOILS BELOW TREES SHALL BE AMENDED TO ALLOW FOR OPTIMAL HEALTH. NO LESS THAN 3'-6" OF SOIL SHALL BE
- 6. PROVIDE 3" OF DARK HEMLOCK MULCH IN ALL PLANTING BEDS. ALTERNATE IS TO INSTALL 3" OF 1-2" LOCAL RIVER ROCK.
- 7. ADD MICRORIZZHAL FUNGI TO ADDED SOIL AMENDMENTS WHEN PREPARING SOILS.

TREE #	DBH	CROWN RADIUS	LATIN NAME	COMMON NAME	PROTECT	REMOVE	EXEMPT REMOVAL	PU VALUE RETAINED	CONDITION IN HEALTH	CONDITION IN STRUCTURE	NOTES
T01	11		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		Х	X		GOOD	GOOD	SHRUB
T02	9		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		Х	Х		GOOD	GOOD	SHRUB
T03	9		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB FUNGAL DISORDER AND DECAY IN LOWER TRUNK.
T04	28	25	QUERCUS GARRYANA	OREGON WHITE OAK		X	X		POOR	POOR	DISCOLORED AND MISSING BARK. PROPOSED REMOVA
T05	29	20	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		X			FAIR	FAIR	DUE TO SAFETY ISSUES.
T06	34	18	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		Х			FAIR	FAIR	
T06.1	8		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB
T07 T08	18 9	8	PHOTINIA SERRATIFOLIA PSEUDOTSUGA MENZIESSII	CHINESE PHOTINIA DOUGLAS FIR	X	X	X	10	GOOD	GOOD	SHRUB SHRUB
T09	11	18	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			10	POOR	FAIR	CHLOROTIC THIN TOP
T10	22	18	QUERCUS GARRYANA	OREGON WHITE OAK		Х			FAIR	POOR	MAJOR ASSYMETRY. OVERWATERED BY LAWN
T11	04	10	DOCUDOTOLICA MENZICOGII	DOLIGI AC FID		V			DOOD	DOOD	IRRIGATION TO THE SOUTH CHLOROTIC THIN CANOPY. OVERWATERED BY LAWN
T11	21	18	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	V	X		4	POOR	POOR	IRRIGATION TO THE SOUTH
T12 T13	7	3	CHAMAECYPARIS OBTUSA CHAMAECYPARIS OBTUSA	HINOKI CYPRESS HINOKI CYPRESS	X			4	GOOD	GOOD	
T14	8	3	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	X			4	GOOD	GOOD	
T15	21	11	PRUNUS AVIUM	SWEET CHERRY		Х			POOR	FAILING	CAVITIES IN TRUNK
T16	3	3	THUJA OCCIDENTALIS	AMERICAN ARBIVATAE	X			10	GOOD	GOOD	
T17 T18	8 15	12	GLEDITSIA TRIACANTHOS PRUNUS SEROTINA	HONEY LOCUST BLACK CHERRY	X			8	GOOD FAIR	GOOD POOR	CAVITIES IN TRUNK
T19	10	11	PRUNUS SEROTINA	BLACK CHERRY	X			8	FAIR	POOR	
T20	10	11	MALUS SYLVESTRIS	CRABAPPLE	X			4	FAIR	POOR	LARGE SUNSCALLED AREA
T21	10	11	MALUS SYLVESTRIS	CRABAPPLE	X	-		4	FAIR	POOR	
T22	26	25	QUERCUS GARRYANA	OREGON WHITE OAK		X			FAIR	FAIR	BARK DAMAGE FROM PREVIOUS IRRIGATION SYSTEM LOOSE BARK. SOME DECAY AT BASE. CODOMINANT STEM
T23	50	25	QUERCUS GARRYANA	OREGON WHITE OAK		X			FAIR	FAIR	INCLUDED.
T24	6		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA	X		X	2	FAIR	FAIR	
T25	12		PRUNUS SEROTINA	BLACK CHERRY	X			A	DEAD	DYING	
T26 T27	6	10	CORNUS SPP. GLEDITSIA TRIACANTHOS	DOGWOOD SPECIES HONEY LOCUST	X			4	GOOD	FAIR GOOD	
T28	20	10	PRUNUS AVIUM	SWEET CHERRY	X			7	POOR	POOR	LARGE CAVITY IN LOWER TRUNK
T29	10	10	PRUNUS AVIUM	SWEET CHERRY	X				POOR	POOR	LARGE CAVITY IN LOWER TRUNK
T30	30	10	PRUNUS AVIUM	SWEET CHERRY	X				POOR	POOR	NUISANCE TREE
T31	37	20	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X				FAIR	FAIR	LARGE CAVITY IN LOWER TRUNK
T32 T33	18	10	PRUNUS AVIUM PRUNUS AVIUM	SWEET CHERRY SWEET CHERRY		X	X		FAIR FAIR	FAIR FAIR	NUISANCE TREE NUISANCE TREE
T34	10	6	THUJA OCCIDENTALIS	AMERICAN ARBIVATAE		X	X		FAIR	FAIR	NOISANCE TREE
T34.1	10	6	THUJA OCCIDENTALIS	AMERICAN ARBIVATAE		X	, ,		FAIR	FAIR	
T35	24		PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		Х	X		DYING	FAILING	
T36	30	25	QUERCUS GARRYANA	OREGON WHITE OAK		X			FAIR	POOR	
T37	2.5	3	NYSSA SYLVATICA	BLACK TUPELO		X	X		GOOD	GOOD	
T38 T39	4	3	NYSSA SYLVATICA NYSSA SYLVATICA	BLACK TUPELO BLACK TUPELO		X	X		GOOD	GOOD	
T40	37	5	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X	, , , , , , , , , , , , , , , , , , ,	X	15	FAIR	FAIR	
T41	41	5	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	LEANING TRUNK NORTH
T42	14	10	PRUNUS AVIUM	SWEET CHERRY	X		X		FAIR	FAIR	NUISANCE / TOPPED
T43	14	10	PRUNUS AVIUM	SWEET CHERRY	X		X		FAIR	FAIR	NUISANCE / TOPPED
T44 T45	18 18	10	PRUNUS AVIUM PRUNUS AVIUM	SWEET CHERRY SWEET CHERRY	X		X		FAIR FAIR	FAIR FAIR	NUISANCE / TOPPED NUISANCE / TOPPED
T46	25	15	CORNUS NUTTALII	PACIFIC DOGWOOD	X		X	15	FAIR	FAIR	CAVITY IN LOWER TRUNK
T47	35	25	QUERCUS GARRYANA	OREGON WHITE OAK	X			15	FAIR	FAIR	LARGE DEADWOOD. PRUNE TO REMOVE.
T48	33	25	QUERCUS GARRYANA	OREGON WHITE OAK		Х	X		FAIR	FAIR	CAVITY ROOT FLARE
T49	10	5	ACER PALMATUM	JAPANESE MAPLE		X	X		GOOD	GOOD	
T50	16	5 3	ACER PALMATUM	JAPANESE MAPLE	X	X	X	4	GOOD	GOOD	
T51 T52	6	5	CORNUS SPP. MAGNOLIA SPP.	DOGWOOD TBD	^	X	X	4	GOOD	GOOD	
T53	8	5	ACER PALMATUM	JAPANESE MAPLE		X	X		GOOD	GOOD	
T54	12	5	ACER PALMATUM	JAPANESE MAPLE		X	X		GOOD	GOOD	
T55	28	25	QUERCUS GARRYANA	OREGON WHITE OAK		X			POOR	FAIR	LARGE CANOPY DAMAGE FROM ICE STORM
T55.1 T56	28 16	25 15	QUERCUS GARRYANA QUERCUS GARRYANA	OREGON WHITE OAK OREGON WHITE OAK		X	X		POOR FAIR	FAIR FAIR	LARGE CANOPY DAMAGE FROM ICE STORM
T57	48	25	QUERCUS GARRYANA QUERCUS GARRYANA	OREGON WHITE OAK OREGON WHITE OAK	X	^	^	15	FAIR	FAIR	ICE DAMAGE
T58	27	25	FRAXINUS LATIFOLIA	OREGON ASH		Х			FAIR	FAIR	
T59	33	25	QUERCUS GARRYANA	OREGON WHITE OAK		Х		15	FAIR	FAIR	
T60	30	28	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	
T60.1	28		PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	
T61 T62	30 28		PSEUDOTSUGA MENZIESSII PSEUDOTSUGA MENZIESSII	DOUGLAS FIR DOUGLAS FIR	X			15 15	FAIR FAIR	FAIR FAIR	
T63	47	25	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	SOME SURFACE ROOT DAMAGE AND RECENT IMPACTS DU
T64	13	10	CORYLUS AVELANA	FILBERT	^	v		10	FAIR	FAIR	TO CONSTRUCTION
T65	21	10	CORYLUS AVELANA CORYLUS AVELANA	FILBERT		X			FAIR	FAIR	
T66	50	20	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X	, ,			FAIR	FAIR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T67	11	11	ACER PALMATUM		^	X	X		GOOD	POOR	L CL SIII LECTO DOTTINESS NOCIS. OVEN PROINED.
T68	8	11	PRUNUS SEROTINA	JAPANESE MAPLE BLACK CHERRY	X	^	^	8	GOOD	FAIR	
T69	5	6	PRUNUS SEROTINA	BLACK CHERRY	X			8	GOOD	FAIR	
T70	6	6	PRUNUS SEROTINA	BLACK CHERRY	X			8	GOOD	FAIR	
T71	5	6	ACER PALMATUM	JAPANESE MAPLE	X			4	GOOD	FAIR	
T72	42	35	QUERCUS GARRYANA	OREGON WHITE OAK	X			15	FAIR	POOR	LARGE PRUNING CUTS. HALF THE CANOPY MISSING.
T73	11 6	8	PHOTINIA SERRATIFOLIA ACER PALMATUM	JAPANESE MAPLE	X			2	FAIR FAIR	FAIR FAIR	
T7/I	1 0	J	PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA	X			2	FAIR	FAIR	
T74 T75	11		I HOTHWAY SERVICE THE SERVICE							1	
	11 11		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA	X			2	FAIR	FAIR	
T75	11 26	15						2 10	FAIR FAIR	POOR	TRUNK DAMAGE ON LEFT SIDE OF TREE. CODOMINANT TR
T75 T76	11	15	PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA	X						TRUNK DAMAGE ON LEFT SIDE OF TREE. CODOMINANT TR

PSEUDOTSUGA MENZIESSII

DOUGLAS FIR

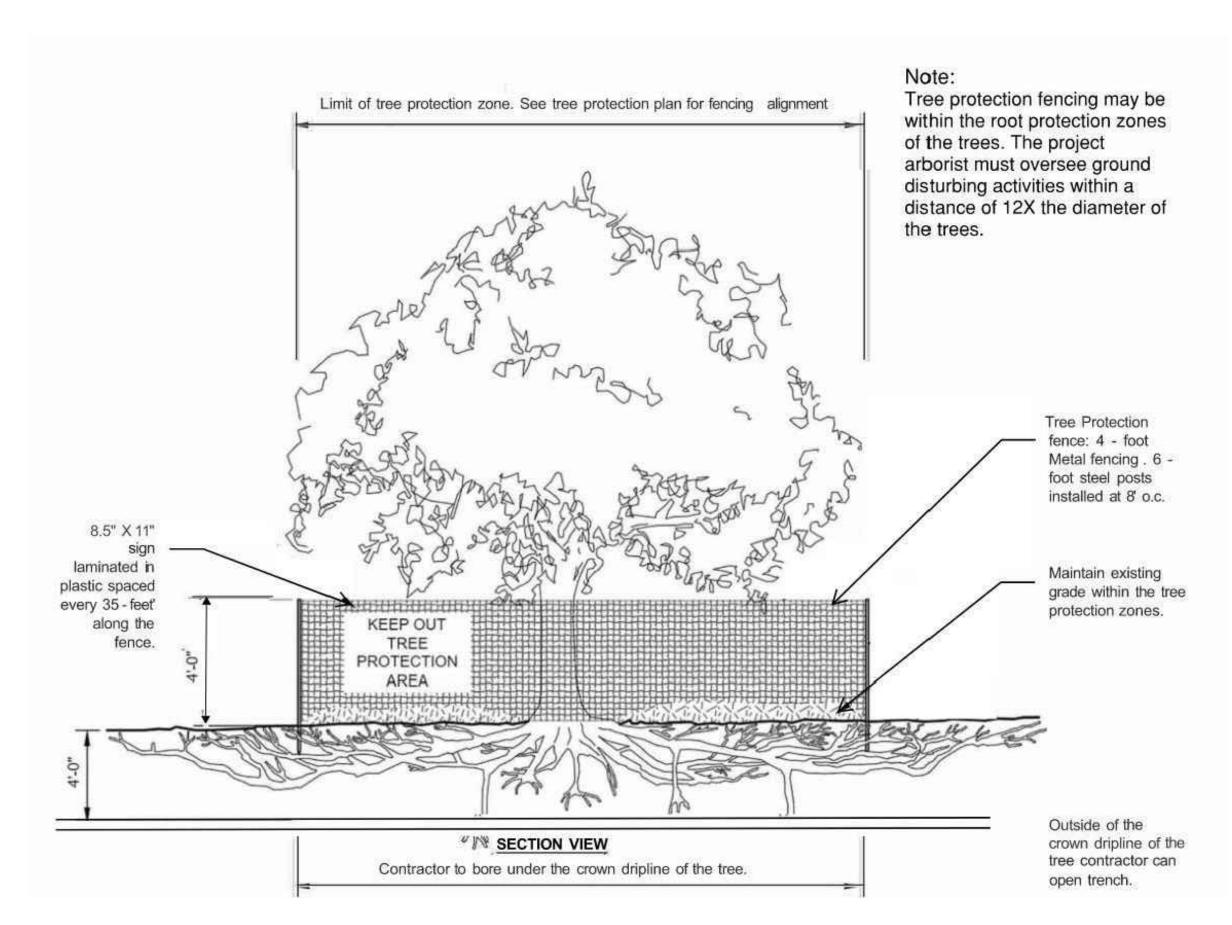
T80 47

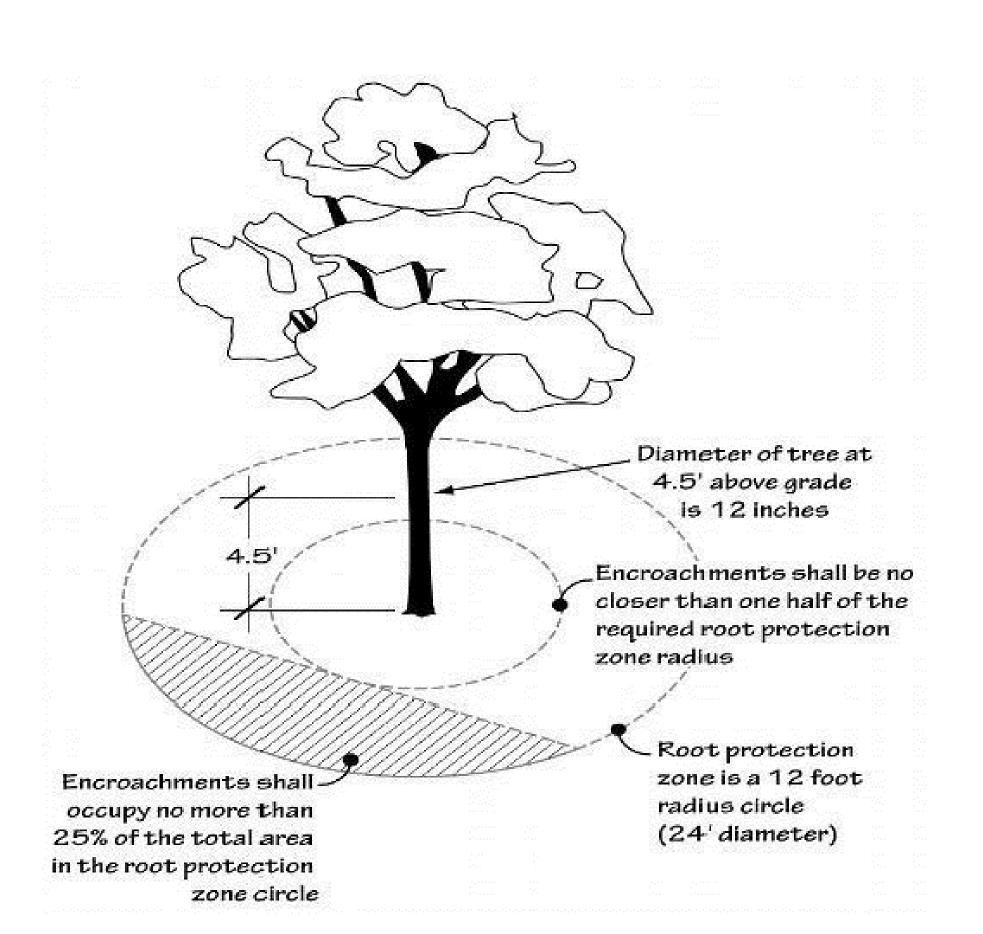
FAIR

POOR

BRANCH TIP DIE BACK.

EXHIBIT B





TREE PROTECTION FENCING DETAIL

DETAIL

NOTES

- 1. SEE ACCOMPANYING ARBORIST REPORT FOR MORE INFORMATION.
- 2. REMOVED TREES 24" CALIPER OR GREATER ARE CONISDERED SIGNIFICANT TREES. IF REMOVED, IT SHALL BE REPLACED AT A ONE TO ONE RATIO
- ARE ALL TREES THAT ARE 24" CALIPER OR MORE AT 4.5' DBH. 4. A CURRENTLY QUALIFIED ISA CERTIFIED ARBORIST (PROJECT ARBORIST) WILL BE ON-SITE AT ALL TIMES DURING ANY PAVING INSTALLATION,
- SURFACE DISTURBANCE OR EXCAVATION WORK WITHIN 25-FT OF PRESERVED TREES. 5. A PRE-CONSTRUCTION MEETING WILL TAKE PLACE BETWEEN THE CONTRACTORS AND THE PROJECT ARBORIST TO DISCUSS TREE PROTECTION
- PLANNING FOR THE TWO PRESERVED TREES. 6. THE PLACEMENT OF ALL TREE PROTECTION FENCING, AS DETAILED ON THE CONSTRUCTION PLANS, MUST OCCUR BEFORE ANY CONSTRUCTION,
- EXCAVATION OR STORAGE OF MATERIALS OR EQUIPMENT TAKES PLACE AT THE SITE. THE PROJECT ARBORIST MUST APPROVE THE LOCATION OF THE FENCING BEFORE SITE WORK COMMENCES.
- 7. TREE PROTECTION FENCING WILL CONSIST OF SECURELY JOINED SECTIONS OF 4-FT TALL TEMPORARY FENCING SECURED FIRMLY INTO THE GROUND BY METAL POSTS OR REBAR.
- 8. NO CONSTRUCTION ACTIVITY, INCLUDING VEHICLE ACCESS, OR ANY STORAGE OF SPOIL, MATERIALS OR EQUIPMENT WILL OCCUR WITHIN THE AREA PROTECTED BY THE TREE PROTECTION FENCE UNLESS APPROVED BY THE PROJECT ARBORIST.
- 9. THE PROTECTION FENCE LOCATIONS AS DETAILED IN THE CONSTRUCTION PLANS WILL NOT BE ALTERED OR BREACHED AT ANY TIME WITHOUT THE EXPLICIT APPROVAL OF THE PROJECT ARBORIST.
- 10. ALL SEVERED OR BADLY DAMAGED ROOTS OF ANY PRESERVED TREE MUST BE CUT CLEANLY USING HAND-HELD TOOLS (E.G. HAND SAW,
- RECIPROCATING SAW, CIRCULAR SAW, ANGLE GRINDER OR BY OTHER MEANS APPROVED BY THE PROJECT ARBORIST).
- 11. THE CRZ, AS DETERMINED BY ARBORIST, MATCHES THE DIAMETER AT BREAST HEIGHT OF EACH TREE LISTED. 12. ANY REQUIRED PRUNING OF THE PRESERVED TREES MUST BE COMPLETED BEFORE INSTALLATION OF THE TREE PROTECTION FENCING AND BEFORE

ANY CONSTRUCTION WORK COMMENCES. ALL TREE PRUNING WORK MUST BE COMPLETED BY AN ISA CERTIFIED ARBORIST.

STUDIO 9024 N Geneva Ave., Portland OR 97203 email: info@delandarchstudio.com phone: 503-278-2536

10

ISSUE DATE: 07.14.23

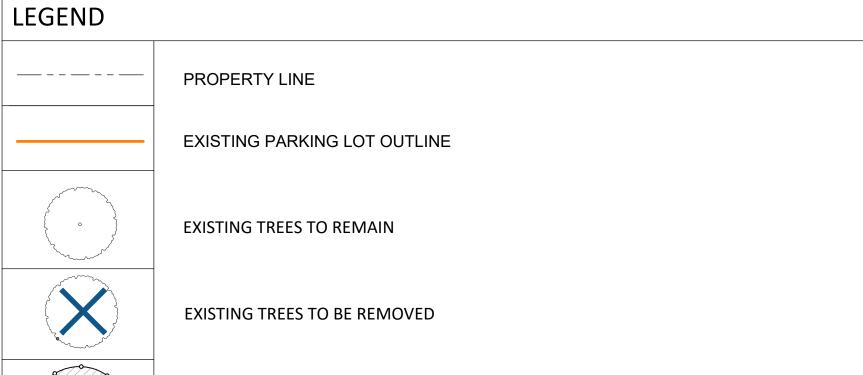
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TREE PROTECTION **LEGEND AND NOTES**

ON SITE TREE PROTECTION FENCING - 4' TALL ORANGE TEMPORARY FENCING

TREE PROTECTION NOTES

- 1. SEE ACCOMPANYING ARBORIST REPORT FOR MORE INFORMATION.
- REPLACED AT A ONE TO ONE RATIO WITH A SPECIES THAT IS EQUIVALENT IS SIZE WHEN MATURE. REPLACEMENT TREES TO BE 2" CALIPER OR GREATER AT THE TIME OF PLANTING.
- 4. A CURRENTLY QUALIFIED ISA CERTIFIED ARBORIST (PROJECT ARBORIST) WILL BE ON-SITE AT ALL TIMES
- 5. A PRE-CONSTRUCTION MEETING WILL TAKE PLACE BETWEEN THE CONTRACTORS AND THE PROJECT
- 7. TREE PROTECTION FENCING WILL CONSIST OF SECURELY JOINED SECTIONS OF 4-FT TALL TEMPORARY
- 8. NO CONSTRUCTION ACTIVITY, INCLUDING VEHICLE ACCESS, OR ANY STORAGE OF SPOIL, MATERIALS OR
- 9. THE PROTECTION FENCE LOCATIONS AS DETAILED IN THE CONSTRUCTION PLANS WILL NOT BE ALTERED OR BREACHED AT ANY TIME WITHOUT THE EXPLICIT APPROVAL OF THE PROJECT ARBORIST.
- 12. ANY REQUIRED PRUNING OF THE PRESERVED TREES MUST BE COMPLETED BEFORE INSTALLATION OF THE TREE PROTECTION FENCING AND BEFORE ANY CONSTRUCTION WORK COMMENCES. ALL TREE PRUNING WORK MUST BE COMPLETED BY AN ISA CERTIFIED ARBORIST.





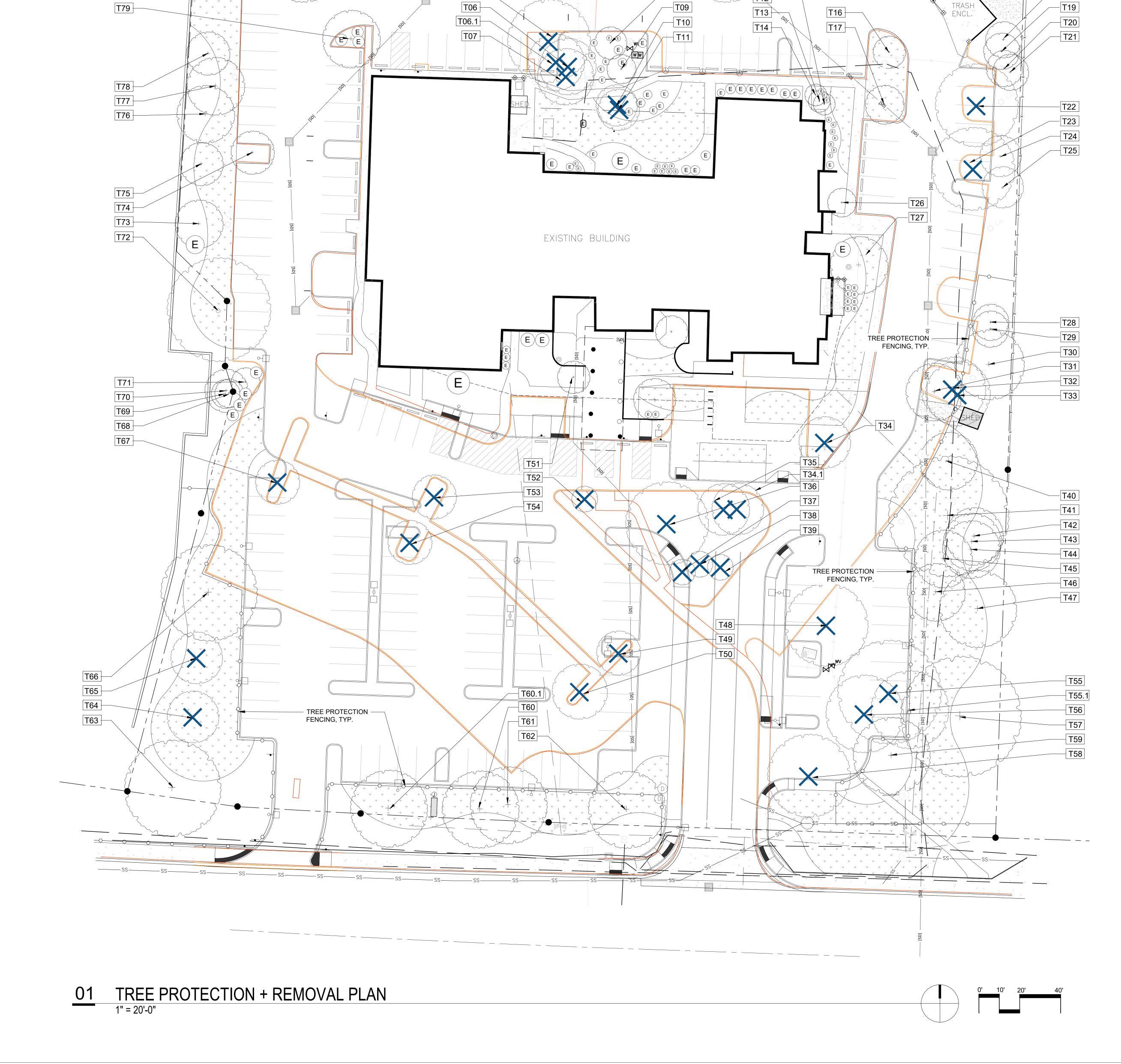
- 2. REMOVED TREES 24" CALIPER OR GREATER ARE CONISDERED SIGNIFICANT TREES. IF REMOVED, IT SHALL BE
- 3. A TYPE 1 TREE REMOVAL PERMIT SHALL BE OBTAINED BY THE CLIENT FOR THE REMOVAL OF SIGNIFICANT TREES ON THE SITE. SIGNIFICAN TREES ARE ALL TREES THAT ARE 24" CALIPER OR MORE AT 4.5' DBH.
- DURING ANY PAVING INSTALLATION, SURFACE DISTURBANCE OR EXCAVATION WORK WITHIN 25-FT OF
- ARBORIST TO DISCUSS TREE PROTECTION PLANNING FOR THE TWO PRESERVED TREES.
- 6. THE PLACEMENT OF ALL TREE PROTECTION FENCING, AS DETAILED ON THE CONSTRUCTION PLANS, MUST OCCUR BEFORE ANY CONSTRUCTION, EXCAVATION OR STORAGE OF MATERIALS OR EQUIPMENT TAKES PLACE AT THE SITE. THE PROJECT ARBORIST MUST APPROVE THE LOCATION OF THE FENCING BEFORE SITE
- FENCING SECURED FIRMLY INTO THE GROUND BY METAL POSTS OR REBAR.
- EQUIPMENT WILL OCCUR WITHIN THE AREA PROTECTED BY THE TREE PROTECTION FENCE UNLESS APPROVED BY THE PROJECT ARBORIST.
- 10. ALL SEVERED OR BADLY DAMAGED ROOTS OF ANY PRESERVED TREE MUST BE CUT CLEANLY USING
- HAND-HELD TOOLS (E.G. HAND SAW, RECIPROCATING SAW, CIRCULAR SAW, ANGLE GRINDER OR BY OTHER MEANS APPROVED BY THE PROJECT ARBORIST). 11. THE CRZ, AS DETERMINED BY ARBORIST, MATCHES THE DIAMETER AT BREAST HEIGHT OF EACH TREE LISTED.



07.14.23

ISSUE DATE: **REVISIONS:**

TREE PROTECTION AND REMOVAL **PLAN**



T02

PRUNE ALL DEADWOOD

FROM CANOPY