1. **Structural**
   - For New Work
   - Lightweight Sloped Topping to Accommodate New Dust Collection Duct & Return Air

2. **Frame**
   - In Preparation for New Work

3. **Demolition**
   - Remove Existing Floor Finishes within Work Area to Bare
   - Remove Existing Ceilings within Work Area to Primary
   - Remove Roofing and Insulation Materials. Demol (E) Louvers
   - Provide (2) 12" Diameter Cores at 8'-6" Above Top of Slab for Core Drilling

4. **Rebar**
   - See LC001 for Info

5. **Coordination**
   - Coordinate Demo of Existing Grade and Cladding/Finishes

6. **Area of Demolition Work**

7. **Remove**
   - Existing Openings Lowered/Demolished, See DAC150

8. **Equipment**
   - Remove (2) 12" Diameter Core at 8'-6" Above Top of Slab for Use with Core Drilling Equipment
Site Clearing and Protection Plan

Legend:
- Existing Tree: Protect to Remain
- Salvage Light Pole: Deliver to UO Cobra head lights
- Salvage Element: Existing Light Pole: To Remain
- Demo Existing Hardscapes: Remove existing paving to allow for new improvements. Saw cut edges in paving.
- Existing Tree to Remove: See Note #3
- Remove Element: Salvage and return to Owner timber from removed trees which are practical for milling and cut into ten foot segments for milling. For all other plant material chip into mulch, cut into firewood, or dispose of. Coordinate with UO Facilities Services.
- Cut, cap, or reconnect irrigation lines (mainlines and laterals) encountered during work to ensure existing irrigation system maintains in operation. Coordinate with UO Facilities Services and Landscape Architect.

Notes:
1. All survey information provided by Balzhiser Hubbard Engineers
   100 West 13th Ave
   Eugene, OR 97401
   P: (541) 686-8478
   F: (541) 345-5303
   Contact: Spencer Bugby
   Dated: Oct. 20th, 2011
2. See Architectural and Engineering Drawings for additional work.
3. Salvage and return to Owner timber from removed trees which are practical for milling and cut into ten foot segments for milling. For all other plant material chip into mulch, cut into firewood, or dispose of. Coordinate with UO Facilities Services.
4. Cut, cap, or reconnect irrigation lines (mainlines and laterals), reconnected during work to ensure existing irrigation system maintains in operation. Coordinate with UO Facilities Services and Landscape Architect.

Plan ID
- Genus & Species
- Common Name
- Size (DBH)

Tree Removal Schedule:
- Species
- Common Name
- Size (DBH)

- Installing Tree Protection Fencing for Existing Trees to Remain

- Construction/Tree Protection Fencing

- Existing Tree to Remove: See Note #3
- Existing Light Pole: To Remain
- Salvage Light Pole: Deliver to UO Cobra head lights
- Salvage Element: Existing Light Pole: To Remain
- Salvage Element: Existing Element
- Remove Element: Salvage and return to Owner timber from removed trees which are practical for milling and cut into ten foot segments for milling. For all other plant material chip into mulch, cut into firewood, or dispose of. Coordinate with UO Facilities Services.
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   Contact: Spencer Bugby
   Dated: Oct. 20th, 2011

2. Verify exact locations and routing of existing underground utilities prior to starting excavation.
   Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.

3. In addition to improvements shown, repair all areas disturbed or damaged by construction impacts to the condition that existed prior to Construction.

4. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled.

5. Cut, cap, or reconnect irrigation lines (mainlines and laterals) encountered during Work to ensure existing irrigation system remains in operation.
   Coordinate with UO Facilities Services and Landscape Architect.

**CONCRETE PAVING**
- Reinforced Profile
  - 6" thick with reinforcement over 8" base
- Pedestrian Profile
  - 4" thick over 6" base

**AREA DRAIN**
- 4" Perforated Drain Pipe

**FILL MATERIAL**
- Subgrade
  - Compacted
- Crushed Rock
  - 6 inch depth min., Compacted
- Mulch
  - Segmented Retaining Wall Unit
- Anchor Diamond Concrete Retaining Wall Units by Willamette Graystone, or similar. Install following manufacturer's installation instructions.

**IRRIGATION SLEEVE**
- Install 6" PVC Schedule 40 Sleeve in quantity shown in (#)

**PLANT BED REPAIR**
- Install 3 inches of Bark Mulch over disturbed areas impacted by construction. See Note #5.

**LAWN REPAIR**
- Install Soil Material as specified and based on the following preferences:
  1. Install salvaged Topsoil material from excavated areas as approved by Landscape Architect.
  2. Screen or process salvaged Topsoil as required by Landscape Architect to be suitable for re-use.
  3. Use Imported Soil Material.

**HANDRAIL**
- Material: 1-1/2" OD galvanized steel tube
- Anchor: Core drill and grout

**TUBE STEEL HANDRAIL**
- Galvanized, 1-1/2" OD Pipe
- CORE DRILL AND MORTAR IN PLACE
- Depth: 6 inches (min.)

**SEGMENTAL RETAINING WALL DETAIL**
- Manufacturer - Willamette Gray Stone, Anchor Diamond Straight Face Retaining Wall System, or similar. Block Size 6"x14"x12", Color: Gray.
- Install per manufacturer's installation instructions.

**IRRIGATION SLEEVE**
- Install 6" PVC Schedule 40 Sleeve in quantity shown in (#)
NOTES
1. All survey information provided by:
Balzhiser Hubbard Engineers
100 West 13th Ave
Eugene, OR 97401
P: (541) 686-8478
F: (541) 345-5303
Contact: Spencer Bugby
Dated: Oct. 20th, 2011
2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or
related facilities at Contractor's expense in a manner
approved by Owner's Representative.
3. All accessible components involving, but not limited to
signs, access, tactile warning, markings, etc. shall
conform to all Oregon State Standards for parking and
access for the disabled.
4. Cease layout work and notify Owner's Representative
of any discrepancies in Project Benchmarks, Control
Points, coordinates, dimensions, degrees, locations,
stakes, etc. Obtain approval prior to executing any
layout work different from that shown or specified.
5. All concrete paving joints not specifically dimensioned
shall be equally spaced between shown or noted
limits.
6. All coordinates and dimensions are at face of element
(curb, walk, building, or wall) unless noted otherwise.

ELEVATION BENCHMARK
Elevations shown are based on City of Eugene Benchmark
SE1014, a 3" brass cap located on the top of the east curb
on University Street, at the Southeast corner of University
and 18th Avenue, approximately 15' south of the end of
curb return. Elevation = 477.01 NGVD 1929.

REFER TO SURVEY FOR CONTROL POINT TABLE

CONTROL POINTS

SCALE 1" = 10'-0"
1. All survey information provided by Balzhiser Hubbard Engineers, 100 West 13th Ave, Eugene, OR 97401, P: (541) 686-8478, F: (541) 345-5303. Contact: Spencer Bugby. Dated: Oct. 20th, 2011.

2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities, or related facilities at Contractor's expense in a manner approved by Owner's Representative.

3. Verify relocations of existing utilities once flush with fresh grades of pavement, lawn and plant beds.

4. Verify existing elevations where new work abuts existing to remain. Notify Owner's Representative of any discrepancies prior to any construction.

5. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled.

6. Install new utilities so that rim elevations are flush with finish grades of pavement, lawn and plant beds.

7. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Landscape Architect. Cut no limbs or roots larger than 2" in diameter without approval of Landscape Architect. Notify Landscape Architect prior to performing any excavation within protection areas.

8. Notify Landscape Architect prior to performing any excavation within protection areas.

9. Adjustable water features between new paving improvements and existing paving to remain.
1. Slope top of curb toward AC 2%.
2. Provide expansion joints @ 100' o.c. max. and @ all points of tangency.
3. Sawcut green concrete control joints @ 20' max.
4. Drop top of curb @ ramp and aprons.

NOTES

1. Sand control joints
2. Obtain approval of tooled radius
3. Provide sample of concrete joint finishing tools for approval of joint radius and depth.
### PLUMBING LEGEND

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<tr>
<th>SYMBOL</th>
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<td>S1</td>
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### GENERAL NOTES

1. All work quantities shall be included in the unit price specified.
2. All work shall be done in a workmanlike manner, and the Contractor shall use materials of the quality, standard, and durability specified in the Contract Documents.
3. The Contractor shall be responsible for any damage to the Contractor’s work in transit to the site.
4. Any variation from the specifications shall be submitted to the Owner for approval in writing.
5. Any changes or additions to the work shall be made only in accordance with written instructions from the Owner.
6. The Contractor shall be responsible for the removal and disposal of all waste materials.
7. The Contractor shall be responsible for the protection of the Owner’s property,
8. Any work not in accordance with the Contract Documents shall be considered as additional and will not be reimbursed.
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18. Any work not in accordance with the Contract Documents shall be considered as additional and will not be reimbursed.
Chase is aware of the following information:

\[
\begin{align*}
A & = \frac{P_{\text{car}}}{\frac{1}{2} \rho \pi D^2} \\
& = \frac{2000}{\frac{1}{2} \times 1.2 \times \pi \times 2^2} \\
& = 178 
\end{align*}
\]

1) The number of cars (n) would be 178.

2) The area of the road (A) = \(178 \times 20.2 = 3583.6\) square meters.
**NEW STRUCTURE**

**REF. ADDITION & RENOVATION PACKAGE**

**TYP.**

- **SC300**
- **SC600**

**CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO FABRICATION AND ERECTION AND SHALL NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES FROM THE DRAWINGS.**

COORDINATE ALL DIMENSIONS, WALL LOCATIONS, DRAINS, SLAB SLOPES AND OPENINGS, STEPS, AND CURB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

INDICATES BEAM MOMENT CONNECTION. REFERENCE DETAIL 8/SC601 FOR INFORMATION.

INDICATES FULL DEPTH SHEAR TAB. REF. 1/SC600 FOR DETAIL.

INDICATES WEB OF (E) PRECAST, PRE-STRESSED CONCRETE LIN TEE BELOW, TYP. BETWEEN GRIDLINES G & J.

SAW CUT OPENINGS IN (E) FLANGES OF LIN TEE, TYP. (2) PLACES.

CORE DRILL CORNERS BEFORE SAW-CUTTING. DO NOT OVERCUT CORNERS, TYP. THE NORTH & SOUTH EDGES SHALL BE MINIMUM 5" AWAY FROM FACE OF LIN TEE WEB, TYP.

**BETWEEN GRIDLINES G & J.**

**INDICATES STEP OR SLOPE IN ROOF.**

**INDICATES TOP OF STEEL ELEVATION.**

**INDICATES EXISTING.**

**INDICATES ROOF FRAMING SHEET NOTES**

- 1. **REFERENCE SHEET SC700 FOR TYPICAL METAL WALL STUD FRAMING DETAILS.**
- 2. **ALL EXTERIOR, EXPOSED STEEL MEMBERS, FASTENERS AND STEEL EMBED PLATE ASSEMBLIES SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.**
- 3. **INDICATES SPAN DIRECTION OF 1 1/2"-18 GA. TYPE B GALV. (G90) ROOF DECK.**
- 4. **INDICATES STEP OR SLOPE IN ROOF.**
- 5. **REFERENCE DETAIL 8/SC601 FOR INFORMATION.**
- 6. **REFERENCE DETAIL 3/SC600 FOR DETAIL.**
- 7. **REFERENCE DETAIL 5/SC600 FOR DETAIL.**
- 8. **REFERENCE DETAIL 6/SC600 FOR DETAIL.**

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COORDINATE ALL DIMENSIONS, WALL LOCATIONS, DRAINS, SLAB SLOPES AND OPENINGS, STEPS, AND CURB ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

REFERENCE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SLEEVES, BLOCKOUTS, AND OTHER ITEMS TO BE COORDINATED WITH THE STRUCTURAL DRAWINGS.

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