TEXTURED HMAC CROSSWALK DETAIL

NOT TO SCALE
EROSION CONTROL DETAILS

CHECK DAM DESIGN INTENT

CHECK DAM ILLUSTRATIVE SECTION

3"-4" COBBLE ROCK Placed in channel to act as check dam
4"-6" COBBLE on side of check dam
2"-4" COBBLE in bottom of channel 12"-15" wide

CHECK DAM DESIGN INTENT

3"-4" COBBLE ROCK Placed in channel to act as check dam
4"-6" COBBLE on side of check dam
2"-4" COBBLE in bottom of channel 12"-15" wide

PLACERVILLE STATION II PARK-N-BUS IMPROVEMENT PLANS

PLACERVILLE CAMPGROUN

DESIGNER: DAV
DRAWN BY: DAV
CHECKED BY: DAV

City of Placerville
Engineering Department
3301 Center Street
Placerville, CA 95667
(530) 621-5200 (530) 621-5568 fax

EROSION CONTROL DETAILS

EROSION CONTROL DETAILS

CHECK DAM TO BE CONSTRUCTED FROM CLEAN PEBBER RUN
COBBLE ROCK, USING 4"-6" COBBLE ROCK ALONG SIDES,
AND 2"-4" COBBLE ROCK FILLED IN THE MAIN CHANNEL.
THE CHECK DAM SEE PLANTING PLAN SHEET FOR
ILLUSTRATIVE CONCEPT OF PLANTED CAN DESIGN INTENT

COBBLE ROCK CHECK DAM

4"-6" COBBLE on side of check dam
2"-4" COBBLE in bottom of channel 12"-15" wide

PLANTED SIDE SHALLOWS SEE PLANTING PLAN
WATER FLOW

PLANTED SIDE SHALLOWS SEE PLANTING PLAN
WATER FLOW

EDGEMENT DETAIL IN SLOPED AREA

SEDIMENT FILTER ROLL DETAIL

1. STABILIZED CONSTRUCTION SITE AREAS SHALL BE COVERED WITH 6"-8" OF STABILIZED COBBLE (FACTOR OF SAFETY 1.5) OR SUITABLE GRASS SEED.
2. LENGTH OF ENTRANCE SHALL BE A Minimum OF 50 FEET AND SHALL BE A MINIMUM OF 15 FEET OR GREATER IF NEEDED TO COVER ALL TURBULENT INCREASED AND EXPAND PROVIDE ABSOLUTELY MILKING FLOODED OR STABILIZED ENTRANCE SHALL BE STABILIZED IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS DESIGNED IN NOTE 1.
3. ENTRANCE DETAILS SHALL BE PROTECTED DURING PERIODS OF HEAVY RAINFALL DURING NORMAL USAGE AND AFTER EACH SNOWFALL WITH MAINTENANCE PROVIDED AS NEEDED. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.
Irrigation system shall not be installed until landscape grading is complete, reviewed by landscape architect, and approved by City.

The irrigation system shall be installed in accordance with all local codes and regulations. All materials shall be in new perfect condition and commercial grade. Deviations from the specified must be approved by the Landscape Architect or City Engineer.

Contractor shall verify the location of all planting areas prior to start of project. Notify Landscape Architect of any discrepancies prior to trenching.

Plants are diagrammed and not intended to show exact locations of piping and valves. Locate as closely as possible to related curbs and edges of paving.

The irrigation system shall be installed in accordance with all local codes and regulations. All materials shall be in new perfect condition and commercial grade. Deviations from the specified must be approved by the Landscape Architect or City Engineer.

GENERAL IRRIGATION NOTES

1. Irrigation Point of Connection is from two (2) 2-inch PVC main line locations that should be stubbed at 90 degrees at the location indicated on the plan. Stubs should include control valves and common wire. Main line or designed to create a looped system back to the existing irrigation system. Contractor to begin irrigation system install from existing irrigation main line stub and install new valves for new planting areas.

2. The new valves for this project shall be connected to the existing 24-station controller located in the Station Building (in existing north area parking lot). Adequate valve wire and common wire should be stubbed at POC's to connect new valves.

3. Irrigation system shall not be installed until landscape grading is complete, reviewed by landscape architect, and approved by City.

4. The irrigation system shall be installed in accordance with all local codes and regulations. All materials shall be in new perfect condition and commercial grade. Deviations from the specified must be approved by the Landscape Architect or City Engineer.

5. Contractor shall verify the location of all planting areas prior to start of project. Notify Landscape Architect of any discrepancies prior to trenching.

6. Plans are diagrammed and not intended to show exact locations of piping and valves. Locate as closely as possible to related curbs and edges of paving.

7. All 20-volt wiring under paving (A.C.) and walls shall be installed in PVC SCH 40 plastic pipe sleeves to accommodate wire bundle (1" minimum). All sleeves shall have watertight threads (2" inches above and below pipes). Contractor shall be required to install sleeves under walls and paved areas around building. 20-volt wiring sleeves shall have minimum 18" cover under walls and 24" cover under parking lot and drives.

8. House remote control valves in rectangular plastic valve box with bolt down lid. Set top of valve box even with finish grade. Place one (1) inch drain rock under valve to a six (6) inch depth with edges of paving.

9. House quick coupling valve in 10-inch round plastic valve box with bolt down lid. Set top of valve box even with finish grade. Quick couple fitting with stabilizer consisting of 1/2" angle iron, bolted down lid. Set top of valve box even with finish grade. Place one (1) inch drain rock under valve to a six (6) inch depth with three (3) inches clearance under valve. Install a gate valve ahead of each remote control valve or two for each cluster of remote control valves.

10. Adjust flow controls on all remote control valves to control operating pressure at builder's or end user's distant from Point of Connections.
IRRIGATION DETAILS

FINISH GRADE/TOP OF MULCH

NOTES:
1. INSTALL PRODUCT SO THAT THE GRATE IS EVEN WITH FINISH GRADE OR TOP OF MULCH.
2. LOCATED AROUND THE EDGE OF ROOT BALL ON NEW PLANTS. FOR EXISTING PLANTS PLACE BETWEEN DRIP LINE AND TRUNK.
3. WHEN INSTALLING IN EXTREMELY HARD OR CLAY SOILS, ADD 3/4" GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
4. ONCE PRODUCT HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE LOCKING LID.

DEEP ROOT WATERING ASSEMBLY

TYPICAL DRIPLINE LAYOUT REQUIREMENTS

Water Efficient Landscape Worksheet

Statement Prepared By:
Scott Robertson, CA LLA 4271
Landscape Architect
GHD, Inc.
916-918-0632
scott.robertson@ghd.com

DESIGNER'S STATEMENT

I have complied with the criteria of the State of California associated with the Model Water Efficient Landscape Ordinance for the efficient use of water in the irrigation design. See Water Efficient Landscape Worksheet.
GENERAL NOTES

1. The contractor shall visit the site and verify conditions before starting.
2. The existing businesses shall remain in operation during all work. Care shall be made to avoid disturbing the public.
3. All work shall be scheduled with the city representatives and shall be performed in such a way as to minimize the least disruption of normal business functions. Records of all work performed in the public right-of-way requirements to be performed before or after "normal" working hours.
4. Coordination of work with different parties shall be performed by the contractor.
5. All equipment installed or connected by the contractor shall be tested and certified for use by a nationally recognized testing laboratory.

DESTRUCTION NOTES

1. Schedules shown are based on casual field observation. Final schedules to be furnished before starting electrical installations.
2. Disconnect electrical systems in floors occupied or scheduled for removal.
3. Provide necessary wiring and connections to maintain existing systems in service during construction.
4. Remove, relocate, and extend existing installations to accommodate new construction.
5. Repair damage to construction and finish damaged during destruction and extension work.
6. House exposed or damaged cable and outlet boxes where served cables pass through building finishes.
7. Ensure access to existing boxes, wiring connections, and other installations which are to be repaired and which require access. Provide installation of service panels as appropriate.

LIGHTING FIXTURE NOTES

1. Major and accessory notes are to establish minimum standards. Records will be reviewed based on parameters, construction, and appearance.

STANDARD ELECTRICAL SYMBOLS

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<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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<tr>
<td>M</td>
<td>Existing light to be removed</td>
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<tr>
<td>R</td>
<td>Existing light to remain</td>
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<tr>
<td>X</td>
<td>Provided light only</td>
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<tr>
<td>H</td>
<td>Existing conduit run to be advanced. Conduit above the floor and below the structure above shall be removed</td>
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<tr>
<td>D</td>
<td>Existing conduit run, verify position on the job</td>
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<tr>
<td>C</td>
<td>Make sure to restore parts in normal condition</td>
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<tr>
<td>E</td>
<td>Existing equipment will not</td>
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<td>P</td>
<td>Provided equipment only</td>
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<tr>
<td>S</td>
<td>Minimum size with ground and branch wires</td>
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FIXTURE SCHEDULE

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# ELECTRICAL PLANS

## TITLE 24

**City of Placerville**  
Engineering Department  
3101 Center Street  
Placerville, CA 95667  
(530) 642-5250 (530) 642-5568 fax

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### TABLE 24-7 (Continued)

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**Placerville Station II Improvement Plans**  
**Designed By:**  
City of Placerville  
Engineering Department  
3101 Center Street  
Placerville, CA 95667  
(530) 642-5250 (530) 642-5568 fax

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The final electrical plans for Placerville Station II Improvement Plans are hereby submitted for review and approval. The plans include all necessary electrical systems for the project, including power distribution, lighting, and communication systems. The plans comply with all applicable codes and standards, and have been reviewed by the City of Placerville's Engineering Department.

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Engineering Department  
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