## TIE A 24 INCH LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30 INCHES IRRIGATION LEGEND CONNECTIONS HAVE BEEN MADE WIRING INTO COMMON MAINLINE PIPE & MAINLINE, QUICK COUPLING WIRING INTO TRENCH CONTROLLER BENEATH MAINLINE. TAPE & BUNDLE AT ALL SOLVENT WELD PLASTIC PIPING COMMENTS DESCRIPTION (see sheet 10) TO BE SNAKED IN TRENCH AS SHOWN (if applicable) SYMBOL 10 FOOT INTERVALS SECTION VIEW 24" below fin. grade NOTES: 1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 315 PVC TWICE THE DIAMETER OF THE PIPE OR Sch. 40 PVC for 2" & less WIRE BUNDLE WITHIN; BURIAL DEPTH FOR SLEEVES BELOW FINISHED GRADE ARE AS FOLLOWS: 42 INCH MINIMUM UNDER THOROUGHFARE Sch. 40 PVC for line 1" & 24 INCH MINIMUM UNDER PARKING LOT 18" below fin. grade 18 INCH MINIMUM UNDER SIDEWALK Lateral line 36 INCH MINIMUM UNDER TRAFFIC CIRCLES (RESIDENTIAL AREAS) 2. ALL SLEEVE BELOW HARDSCAPE SHALL EXTEND 24 INCHES BEYOND HARD SURFACES EDGES. CROSS WALK ON KANAN ROAD FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS SCH 40 PVC FOR MAINLINE 2 INCHES OR SMALLER. Class 315 PVC 24"/18" below fin. grade CLASS 315 PVC FOR MAINLINE 2½ INCHES AND LARGER. CLASS 200 PVC FOR 2 INCH LATERAL LINES AND SMALLER. SCH 40 PVC FOR QUICK COUPLING LINE 1 INCH MIN. TO 2 INCH MAXIMUM TRENCH BACKFILL SHALL BE NATIVE MATERIAL, COMPACT TO 90% MINIMUM, RELATIVE COMPACTION. Quick-Coupling Valve HQ5LRC w/ HSJ-1 Hunter w/ Swing Joint (in box) Quick-Coupling 910 Lockable Carson 10" Round box w/ lid TRENCHING PLD-04 - 18 - 1K Extend from lateral PVC Dripline Tubing W/ Hunter PLD-BLNK Dripline Tubing Hunter connect to emitter\* -FINISH GRADE Back Flow Preventor \_10" ROUND VALVE BOX Gate Valve (in box) Nibco T-113 AIR/VACUUM Gate Valve Box 910 Lockable RELIEF VALVE 3/4"MPT x 1/2"FPT Remote Control ICZ-101 w/ Node 100 Controller Hunter BUSHING Valve (in box) Remote Control Valve box with cover Rainbird Valve Box Rainbird VB-STD \*Emitters not shown on plan ---BRICK SUPPORTS (3) POINT OF CONNECTION HUNTER PLD-04-18-500 DRIPLINE TUBING —PLD-TEE 17mm BARBxBARB **IRRIGATION NOTES:** 1. These irrigation drawings are diagrammatic and indicate the work to be installed. All piping, valves, and other irrigation components may be shown within paved areas for graphic clarity only and are to be installed within planting areas. Due to the scale of the drawings, it is not possible to indicate all offsets, fittings, sleeves, conduit, and other items which may be required. In the event of field discrepancy with contract documents, contact Engineer install in accordance with Specifications. Notify and coordinate irrigation contract work with applicable contractors for the location and installation of pipe, conduit or sleeves through or under walls, paving and structures before construction. In the event these 80' LENGTH X 10' -PLD-BLNK notifications are not performed, the contractor assumes full responsibility for required revisions. WIDTH PEDESTRIAN 2. Irrigation pipe and wire crossing beneath hardscape surfaces shall be contained within sleeving. Sleeving size shall be BRIDGE, HIGH CHORD a minimum of two times the aggregate diameter of all pipes contained within sleeve. — PLD-075 3/4" MPTxBARB 3. Contractor shall be responsible for minor changes in the irrigation layout due to obstructions not shown on the irrigation drawings such as utilities, water lines, signs, electrical enclosures, etc. 4. The intent of this irrigation system is to provide the minimum amount of water required to sustain good plant health. 5. It is the responsibility of the contractor to program the irrigation controller(s) to provide the minimum amount Of water needed to sustain good plant health. This includes making adjustments to the program for seasonal weather changes, -18-24" COILED WIRE plant material, water requirements and climate. Install controller per manufacturer's recommendations including wire and wire connections. Irrigation control wires: solid copper with UL approval for direct burial in ground. -WATERPROOF CONNECTORS (2) 8. Do not trench within the dripline of trees unless approved by the City. Where it is necessary to excavate adjacent to LATTERAL LINE TO DRIPLINE CONNECTION existing trees, use caution to avoid injury to trees and tree roots. Excavate by hand, in areas where two (2) inch and DRIP ZONE KIT MODEL PCZ-101-XX WITH 9. Remote control valve box locations, as shown, are diagrammatic. Install in planting areas, Contractor to verify and -FILTER (TIP 45 DEGREES) REGULATOR 25 OR 40 PSI supply sufficient irrigation for optimal plant growth. 10. Flush and adjust system for optimum performance and optimum operating pressure for each control zone. W/NODE XOO CONTROLLER 11. Locate bubblers/emitters on uphill side of plant where applicable. -FINISH GRADE 12. System is designed for operating water pressure: 40 PSI. The contractor shall verify water pressure prior to 10" ROUND -FINISH GRADE construction. Report any difference between the water pressure indicated on the drawings and the actual pressure VALVE BOX reading at the irrigation point of connection to the Engineer. —JUMBO VALVE BOX 13. Pipe sizing shown on the drawings is typical. As changes in layout occur during construction the size may need to be adjusted accordingly. 14. Unsized lateral line piping located downstream of 1" piping shall be 3/4" typical.15. Do not willfully install the irrigation system when it is obvious in the field that wind conditions, obstructions, grade differences, or differences in the area's dimensions exist that might not have been considered in the design. Bring such ---BRICK SUPPORTS (4) — LINE FLUSHING VALVE differences to the attention of the engineer. In the event that this notification is not performed, contractor shall assume full responsibility for all necessary revisions. -LATERAL OR HEADER -3/4" MINUS WASHED GRAVEL 16. Install check valves on lateral lines as needed to prevent low head drainage. BRICK SUPPORTS -PVC SLIP UNIONS -3/4"GRAVEL SUMP **VALVE AND CONTROLLER** LINE FLUSH VALVE NTS TREE/SHRUB TOP OF BOX ½ INCH ABOVE FINISH GRADE IN TURF. 1 INCH IN GROUNDCOVER AREAS. 10 INCH DIAMETER ROUND PLASTIC VALVE BOX .5 GPH DRIP EMITTER WITH PLASTIC LID. SECURE LID WITH % INCH DIAMETER STAINLESS STEEL MACHINE BOLT AS COORDINATED WITH MANUFACTURER. JUTE STAKE -TOP OF LID SHALL BE STENCILED WHITE "GV" 6" JUTE STAKE ----- FINISH GRADE .5 GPH DRIP EMITTER 8 INCH DIAMETER PVC VERTICAL MULCH LAYER SLEEVE FOR ACCESS-NOTCH SLEEVE TO FIT OVER PIPE. MICROTUBING -- COMMON BRICK (2 TOTAL-180 DEGREES APART) PVC SCH 80 MALE ADAPTER MICROTUBING DRIP TUBING PVC MAINLINE PIPE 5/8" DRIP TUBING **PLAN VIEW** - 4 INCH MINIMUM DEPTH OF CHUMASH PARK SIDE VIEW 3/4 INCH WASHED GRAVEL BASEBALL FIELD TREE DRIP IRRIGATION **GATE VALVE** Civil **IRRIGATION PLAN MEDEA CREEK RESTORATION** 1300042 Environmental Water Resources AS NOTED

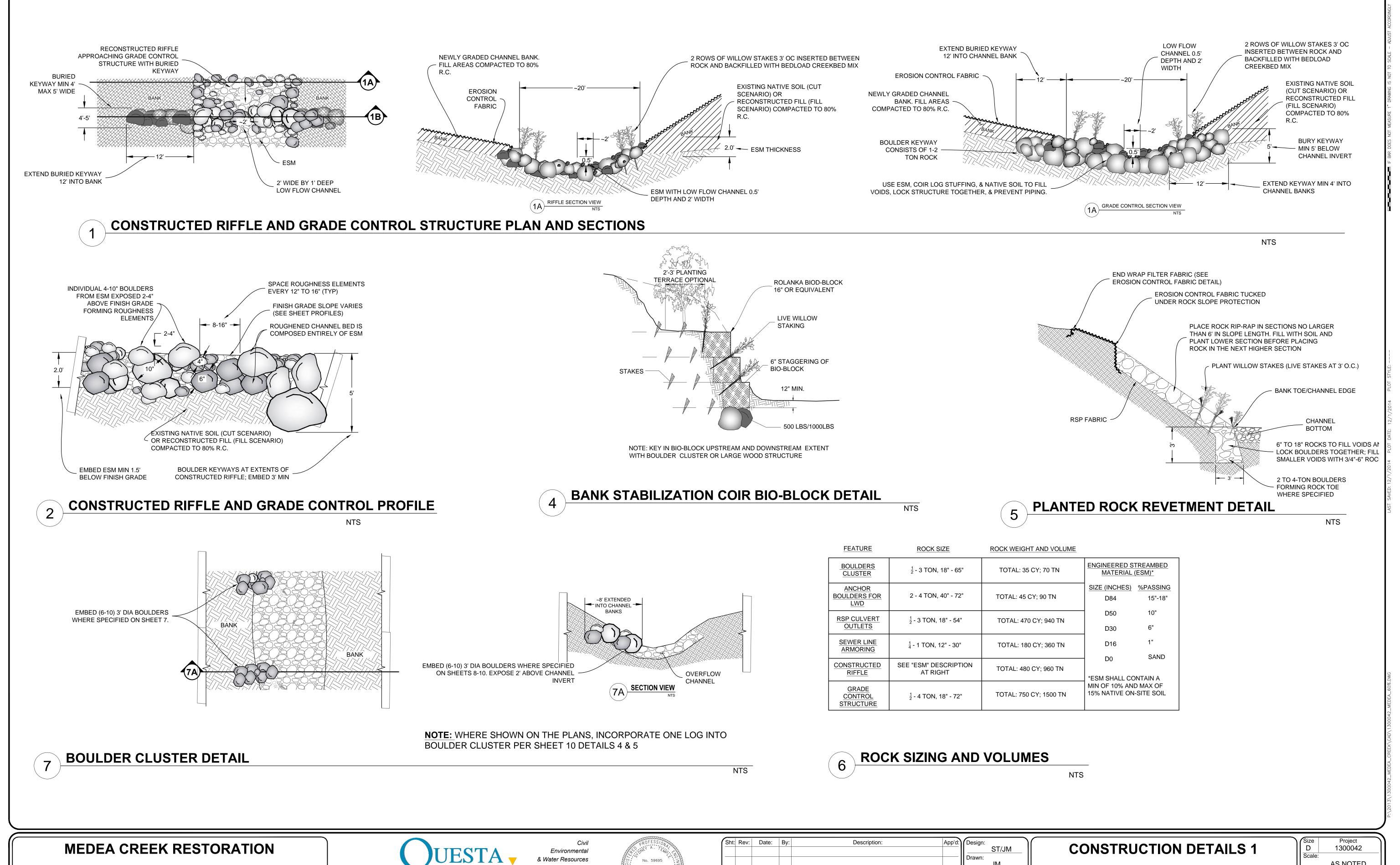
CITY OF AGOURA HILLS



PROFESSION A. TENT
No. 59695
ERR S
12-31-15 EXPIRES
OF CALIFORNIA

Sht:	Rev:	Date:	Ву:	Description:	App'd:	Design:
						ST/JM
						Drawn: JM
						Checked:
						ST
-						Appr'd:

2014-2-25 12 of 23 AGOURA HILLS, LOS ANGELES COUNTY



CITY OF AGOURA HILLS





Sht:	Rev:	Date:	Ву:	Description:	App'd:	Design:
						ST/JM
						Drawn: JM
						Checked:
						ST
						Appr'd:

ONSTRUCTION DETAILS 1	D 1300042
	Scale:
	AS NOTED
	Date:
	2014-11-25
AGOURA HILLS, LOS ANGELES COUNTY	∬ <sup>Sheet:</sup> 13 of 23

