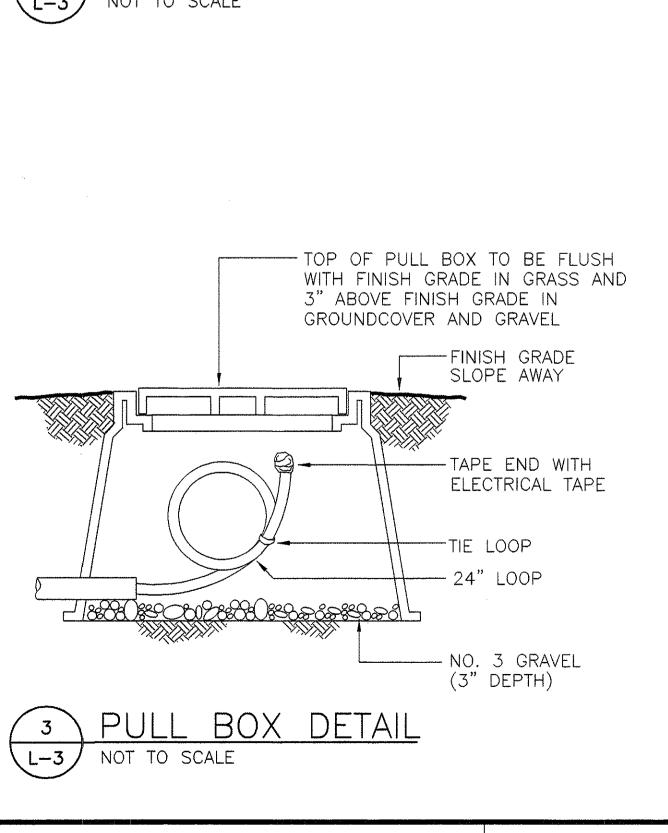
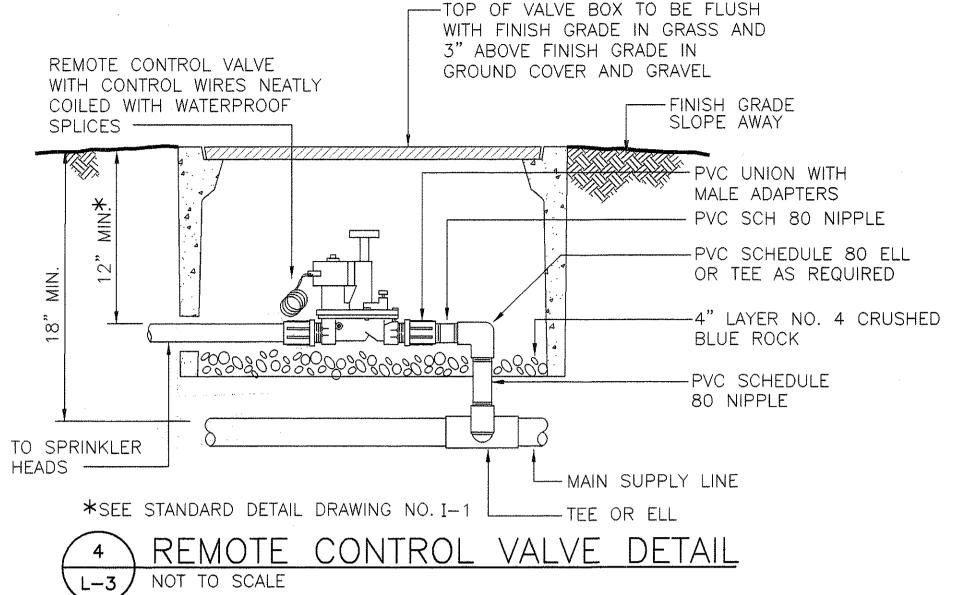


SN/RT SN/RT MK





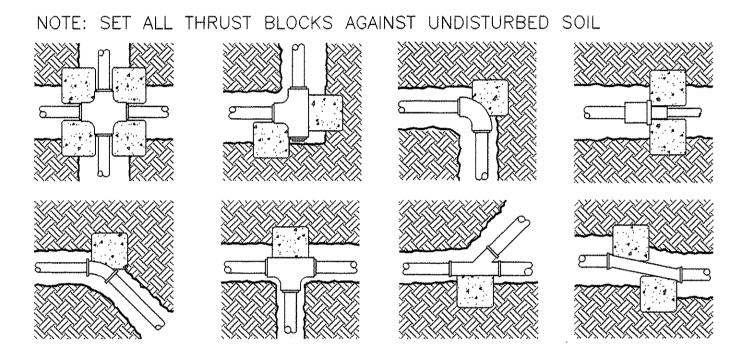
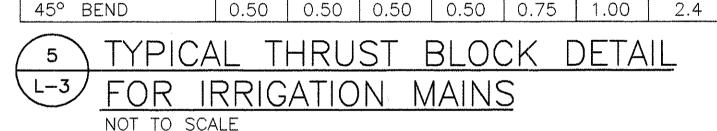


TABLE FOR BEARING AREA OF THRUST BLOCKS (SQ. FT.) 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 6" PIPE SIZE TEES & CROSSES 0.50 0.50 0.50 1.00 1.25 3.2 90° BEND 0.50 0.50 0.50 0.75 1.25 2.00 4.5

BATTERY-OPERATED CONTROL VALVE DETAIL



NOTE: COMPACT SOIL AROUND VALVE BOX TO SAME

BWS TYPE "X" METER BOX

WITH CAST IRON COVER-

TO SPRINKLER

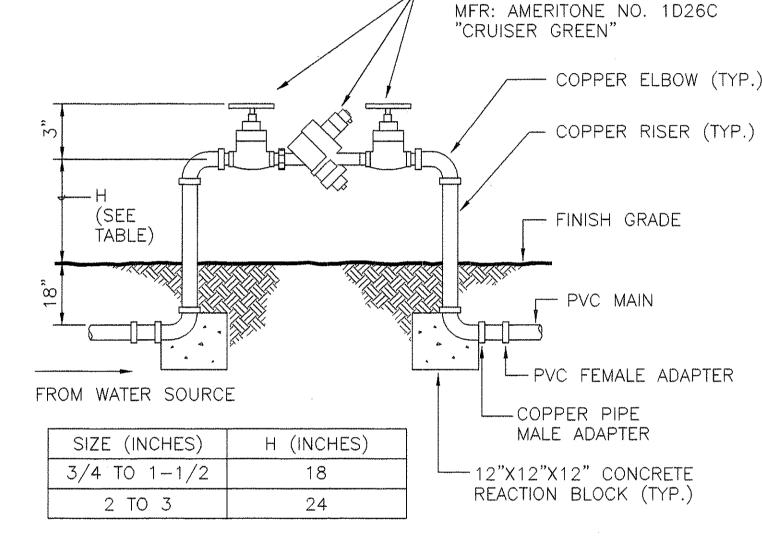
HEADS -

NOT TO SCALE

(L-3)

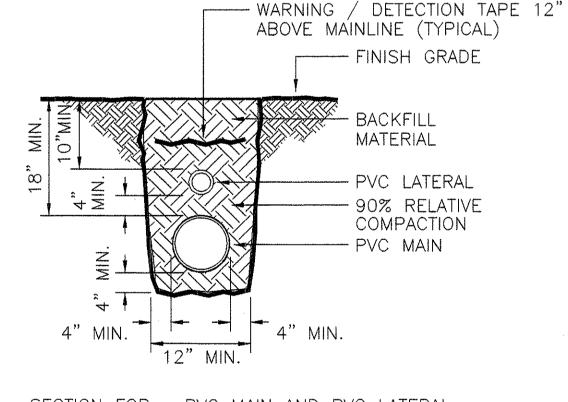
DENSITY AS UNDISTURBED ADJACENT SOIL.

★SEE STANDARD DETAIL DRAWING NO. I-1



- PAINTED IN GREEN COLOR





NOTE:

-BATTERY-OPERATED

- PVC SCH 80 NIPPLE

- PVC SCHEDULE 80 ELL OR TEE AS REQUIRED

-4" LAYER NO. 4 CRUSHED

CONTROLLER

- FINISH GRADE

BLUE ROCK

- PVC SCHEDULE

80 NIPPLE

MAIN SUPPLY LINE

TEE OR ELL

- BACKFILL MATERIAL PER SPECIFICATIONS, AND PER AMENDMENT TO SPECIFICATIONS.
- 3. TRENCHES MUST BE LEFT FLUSH WITH, OR SLIGHTLY ABOVE, ADJACENT FINISHED GRADE AFTER COMPACTING TO 90% RELATIVE COMPACTION.

TRENCH DETAIL

IRRIGATION NOTES:

IRRIGATION SYSTEMS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND ARE SUBJECT TO ADJUSTMENTS DUE TO UNANTICIPATED FIELD CONDITIONS. UNLESS OTHERWISE NOTED, LOCATE ALL SPRINKLER HEADS, VALVES, AND PIPES WITHIN PLANTING AREAS.

FED. ROAD

DIS. NO.

HAWAII

PROJ. NO.

HAW. BR-H1-1(226) 2003

- THE IRRIGATION SYSTEM DESIGN IS BASED ON A MINIMUM STATIC WATER PRESSURE OF 55 PSI AT THE POINT OF CONNECTION. NOTIFY PROJECT ENGINEER IF PRESSURE IS LESS THAN 55 PSI OR GREATER THAN 100 PSI.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE INSTALLATION OF ALL SLEEVES, CONDUITS, MAINS AND LATERALS UNDER PAVEMENT AND THROUGH WALLS AND SHALL ASSURE THAT THESE ITEMS ARE LAID PRIOR TO THE PLACEMENT OF PAVEMENT/WALL. STUB-OUTS AND CONDUITS RUNNING THROUGH THE BUILDING STRUCTURE WILL BE DONE BY ELECTRICIAN. ALL IRRIGATION WIRES SHALL BE BUNDLED AND INSTALLED UNDER THE IRRIGATION MAIN FOR IN-GRADE INSTALLATION. INSTALL IRRIGATION WIRES IN CONDUITS WHERE WIRES ARE NOT FOLLOWING THE IRRIGATION MAIN AND ALL ABOVE-GRADE INSTALLATIONS. VERIFY UTILITY LOCATIONS BEFORE TRENCHING. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
- INSTALL SPRINKLER HEADS 4" AWAY FROM WALKWAYS, DRIVEWAYS AND STRUCTURES. FLEX RISERS SHALL BE USED ON ALL SHRUB HEADS ON RISERS INSTALLED ALONG WALKWAYS, DRIVEWAYS AND PARKING SPACES. ADJUST ALL SPRINKLER HEADS TO OBTAIN HEAD TO HEAD COVERAGE. ADJUST FLOW CONTROL OF CONTROL VALVES TO MINIMIZE MISTING.
- THE CONTRACTOR, TOGETHER WITH THE MAINTENANCE REPRESENTATIVE, SHALL PROGRAM THE IRRIGATION CONTROLLER TO ACCOMMODATE THE LANDSCAPE AND SITE REQUIREMENTS, AND SHALL INSTRUCT THE REPRESENTATIVE ON THE OPERATION OF THE COMPLETE SYSTEM.
- CONTRACTOR MUST SUBMIT AS-BUILT PLANS 30 DAYS PRIOR TO THE END OF THE MAINTENANCE PERIOD.



myunty

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

LANDSCAPE IRRIGATION NOTES AND DETAILS

INTERSTATE ROUTE H-1, SEISMIC RETROFIT PH. 3 KAPIOLANI INTERCHANGE

FAIP NO.BR-H1-1(226)SCALE: AS NOTED

DATE: SEPT. 2002 SHEET No. L-3 OF 3 SHEETS

FISCAL SHEET TOTAL

NO.

36

YEAR

SECTION FOR: PVC MAIN AND PVC LATERAL

- 1. NO ROCKS OVER 1/2" SHALL BE WITHIN 2" OF PIPE.
- 2. ALL EXCAVATIONS SHALL BE BACKFILLED WITH TRENCH

L-3NOT TO SCALE

36