CONTRA COSTA COMMUNITY COLLEGE DISTRICT
DIABLO VALLEY COLLEGE

WATER VALVE REPLACEMENT PROJECT
PROJECT NUMBER: D-4005
MAY 2016

CONSTRUCTION NOTES:

1. All work and materials shall comply with project specifications and construction details.
2. Actuate completion of all site, location, and depth of existing underground valves and the
   appropriate specifications of the contractor. The contractor shall ensure that all of existing
   water valves are tagged, identified, and the information available to the information.
3. Contractor shall notify all elevations and elevations of existing pipes and valves by
designation before excavation work. Contractor to notify potable locations with the
   contractor prior to commencing work, all potable shall be placed in the new common area.
4. Complete structures including, but not limited to, manholes, valves, and valves boxes, clean
   out placed and work shall be properly to prevent damage by the contractor upon
   completion of the work.
5. Contractor shall provide all service valves and provide the existing service facilities. In guidelines,
   but not limited to, striping, pavement texture, grade pattern and landscaping.
6. Prior to commencing to the existing water system, contractor shall close adjacent service
   valves where the project is open and the contractor shall coordinate isolation procedures
   and scheduled with the district.

SHEET INDEX:

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LOCATION MAP

VICINITY MAP

Call before you dig.
CONSTRUCTION
NOTES:

D-4005 WATER VALVE REPLACEMENT PROJECT
DVC CAMPUS
PLEASANT HILL, CA 94596

680-242-680

DIABLO VALLEY COLLEGE
Before you dig.

Call ABOVEGROUND PRESSURE REGULATING VALVE ASSEMBLY TO MATCH CAGE OF EXISTING ABOVEGROUND ASSEMBLY.

1. CONTRACTOR SHALL REPLACE CAGE AROUND NEW ABOVE-GROUND COLLEGE DISTRICT THRUST BLOCK.
2. CLIENT CONCRETE CONNECT FLANGE TO PVC, SEE NOTE 1
3. BKF PROJECT NO. 5/10/2016 DATE
4. NEWWATERLINETOEXISTINGWATERLINE, SEE NOTE 4
5. 4" STEEL PIPE SHALL BE REMOVED AND REPLACED WITH A PVC TEE AND PROTECTION SEED T2SHTC-5.0 FOR NEW WATER ISOLATION VALVE, SEE TYPICAL SHEET. (VOLUME IN CUBIC FEET)
6. ONE OR OTHER SIDE OF AN EXISTING TEE, THE TEE FITTING SHALL BE REMOVED AND REPLACED WITH A PVC TEE OR FITTING WITH REDUCERS AS REQUIRED TO ATTACH FLANGE TO EXISTING SYSTEM WITH A MINIMUM 2 FOOT PROTECTION SEED T2SHTC-5.0 PRIOR TO ORDERING MATERIALS INFORMATION, SIZE AND MATERIALS SHALL BE VERIFIED EXISTING WATER SYSTEM WITH A MINIMUM 2 FOOT PROTECTION SEED T2SHTC-5.0.
7. CONTRACTOR SHALL INSTALL 1.5' MIN TO 2' MAX MIN INSIDE DIAMETER.
8. CONTRACTOR SHALL REPLACE CAGE AROUND NEW ABOVE-GROUND COLLEGE DISTRICT THRUST BLOCK.
9. THRUST BLOCK BEARS CLAWS ON C-SHEET CONCRETE, NO LAMINATED THICKENED PART CONNECT, TWO 36"-120" VALVE BOX, SEE PARTS STONE.
10. TO FACILITIES IN PAVEMENT CHAIN CONNECTION TO EXISTING WATER, SEE NOTE 1, TO ATTACH FLANGE TO EXISTING SYSTEM WITH A MINIMUM 2 FOOT PROTECTION SEED T2SHTC-5.0.

NOTES:
- ALL MATTER FITTINGS SHALL BE CAST PROTECTED WRAPPING, BB Specifications and Details on Sheet 6.9 C-6.1.3.
- EXISTING WATER LINE TO BE BOUND WITH 100% RELATIVE COMPACTION WITH 2 FEET OF COVER MINIMUM.
- BARS (PER AASHTO-284). REBAR SHALL BE #6 AND BE EMBEDDED IN NON-PAVED AREAS: 90% MINIMUM CONDITION VII.
- BARS SHALL BE #4 REBAR.
- BFE DIST. 5.0" THICK CONCRETE HOUSEKEEPING PAD, SEE DETAIL 3.
- 2" SQUARE HOOK (TYP)
- 6" SQUARE HOOK (TYP)
- 1.5" SQUARE HOOK (TYP)
- 1" SQUARE HOOK (TYP)
- 0.5" SQUARE HOOK (TYP)
- LID WITH 2% SLOPE ON FINISHED CONCRETE SURFACE.
- 4" STEEL PIPE
- 4" STEEL PIPE