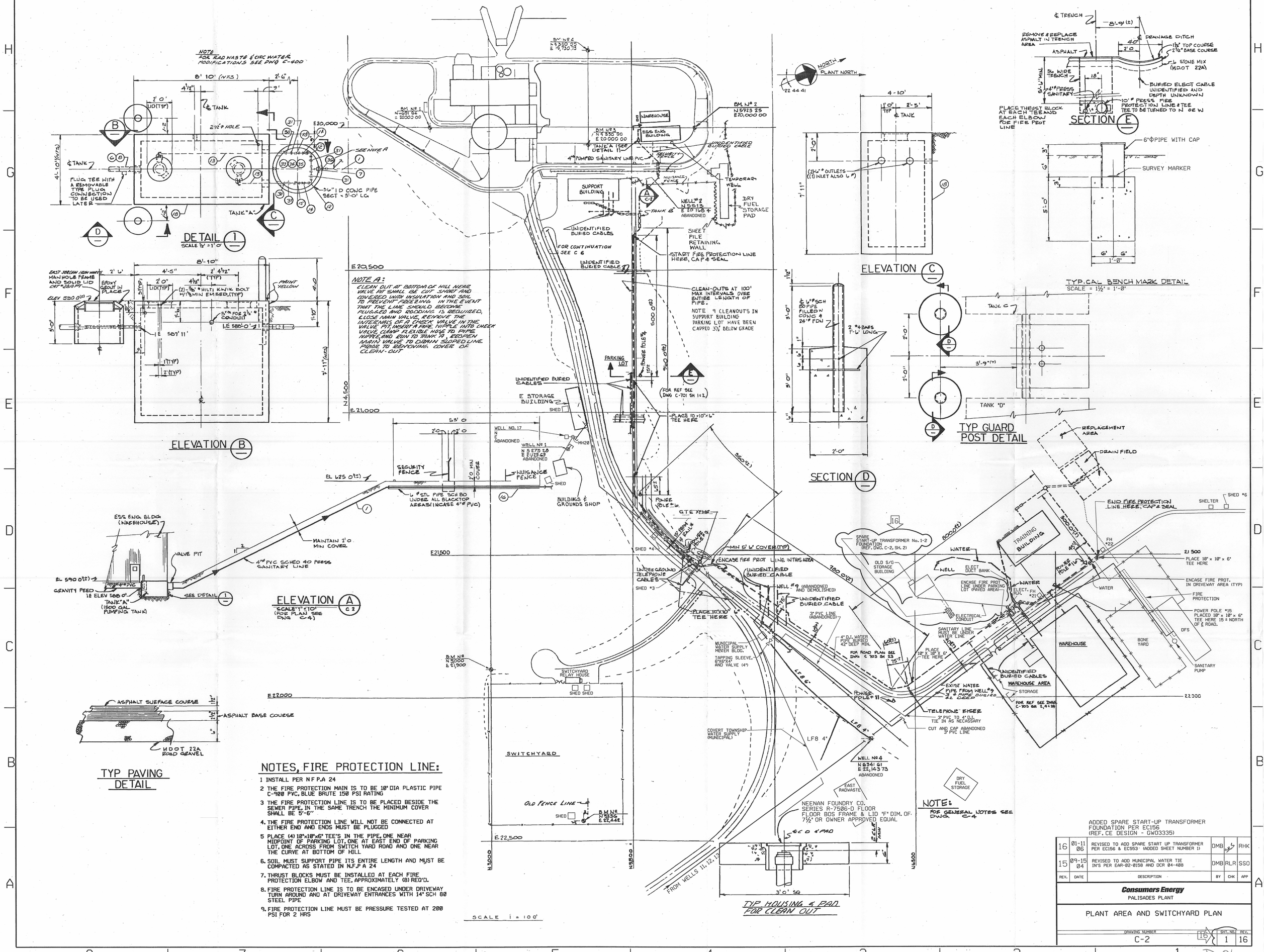
DETAIL 1
ELEVATION B
ELEVATION A
ELEVATION C
SECTION D
SECTION E
TYPICAL BENCH MARK DETAIL
TYP GUARD POST DETAIL
TYP PAVING DETAIL
TIP HOUSING & PAD FOR CLEAN OUT
NOTE A:
CLEAN OUT AT BOTTOM OF HILL NEAR VALVE PIT SHALL BE CUT SHORT AND COVERED WITH INSULATION AND SEAL TO PREVENT FREEZING IN THE EVENT THAT THE LINE SHOULD BECOME PLUGGED AND RODDING IS REQUIRED, CLOSE MAIN VALVE, REMOVE THE INTERNALS OF A CHECK VALVE IN THE VALVE PIT, INSERT A FIRE NIPPLE INTO CHECK VALVE CLAMP FLEXIBLE HOSE TO FIRE NIPPLE AND RUN TO TANK 'A', REDFEN MAIN VALVE TO DRAIN SLOPED LINE PRIOR TO REMOVING COVER OF CLEAN-OUT
NOTE 9 CLEANOUTS IN SUPPORT BUILDING PARKING LOT HAVE BEEN CAPPED 3½' BELOW GRADE
NOTES, FIRE PROTECTION LINE:
1 INSTALL PER N F P.A 24
2 THE FIRE PROTECTION MAIN IS TO BE 10" DIA PLASTIC PIPE C-900 PVC, BLUE BRUTE 150 PSI RATING
3 THE FIRE PROTECTION LINE IS TO BE PLACED BESIDE THE SEWER PIPE, IN THE SAME TRENCH THE MINIMUM COVER SHALL BE 5'-6"
4. THE FIRE PROTECTION LINE WILL NOT BE CONNECTED AT EITHER END AND ENDS MUST BE PLUGGED
5 PLACE (4) 10"x10"x6" TEE'S IN THE PIPE, ONE NEAR MIDPOINT OF PARKING LOT, ONE AT EAST END OF PARKING LOT, ONE ACROSS FROM SWITCH YARD ROAD AND ONE NEAR THE CURVE AT BOTTOM OF HILL
6. SOIL MUST SUPPORT PIPE ITS ENTIRE LENGTH AND MUST BE COMPACTED AS STATED IN N.F.P A 24
7. THRUST BLOCKS MUST BE INSTALLED AT EACH FIRE PROTECTION ELBOW AND TEE, APPROXIMATELY (8) REQ'D.
8. FIRE PROTECTION LINE IS TO BE ENCASED UNDER DRIVEWAY TURN AROUND AND AT DRIVEWAY ENTRANCES WITH 14" SCH 80 STEEL PIPE
9. FIRE PROTECTION LINE MUST BE PRESSURE TESTED AT 200 PSI FOR 2 HRS
NOTE:
FOR GENERAL NOTES SEE DWG. C-4
SCALE 1" = 100'
ADDED SPARE START-UP TRANSFORMER FOUNDATION PER EC156 (REF. CE DESIGN - GW03335)
16 01-11 06 REVISED TO ADD SPARE START UP TRANSFORMER PER EC156 & EC553 (ADDED SHEET NUMBER 1) DMB RHK
15 09-15 04 REVISED TO ADD MUNICIPAL WATER TIE IN'S PER EAR-02-0158 AND DCR 04-488 DMB RLR SSO
REV. DATE DESCRIPTION BY CHK APP
Consumers Energy
PALISADES PLANT
PLANT AREA AND SWITCHYARD PLAN
DRAWING NUMBER C-2
SHT. NO. 1
REV. 16
D-01