



***SEWER MAIN NOTES:***

1. REMOVE AND DISPOSE OF EXIST. MANHOLE TYPE 1 ASSEMBLY AS SHOWN ON THE PLANS. BACKFILL WITH IMPORT MATERIALS AND COMPACT TO 95% OF MAXIMUM DENSITY.
  2. EXIST. SANITARY SEWER MAIN TO BE ABANDONED. PLUG WITH COMMERCIAL CONC. PER SS 7-08.3(4). THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS OF WORK.
  3. INSTALL 48"Ø SANITARY SEWER MANHOLE TYPE 1 ASSEMBLY PER DETAIL 4 THROUGH 6 ON SHEET C-16
  4. INSTALL 15"Ø SOLID WALL PVC PIPE SEWER MAIN AS SHOWN ON THE PLANS PER DETAIL 2 ON SHEET C-16
  5. INSTALL 12"Ø SOLID WALL PVC PIPE SEWER MAIN AS SHOWN ON THE PLANS PER DETAIL 2 ON SHEET C-16
  6. INSTALL 6"Ø SOLID WALL PVC SIDE SEWER (AKA SEWER LATERAL) PIPE AND CONNECT TO EXIST. SIDE SEWER (AKA SEWER LATERAL) PIPE PER DETAIL 3 ON SHEET C-16. THE LENGTH OF REPLACEMENT SIDE SEWER PIPE VARIES BASED ON A SMOOTH TRANSITION SLOPE AT 2.0% MINIMUM UNLESS OTHERWISE APPROVED BY THE ENGINEER. CONTRACTOR SHALL USE SMART LEVEL TO MEASURE THE SIDE SEWER PIPE SLOPE ON THE EASTSIDE AND NORTHSIDE OF THE PROPOSED SEWER MAIN AND PROVIDE IT TO THE ENGINEER BEFORE REPLACING SIDE SEWER PIPE. NO PAYMENT SHALL BE MADE FOR CHECKING AND VERIFYING OF EXISTING LATERAL SEWER PIPE SLOPE.
  7. INSTALL 6"Ø SOLID PVC PIPE SEWER CLEANOUT ASSEMBLY @ 29.50' LT./RT. PER MLT STANDARD DETAIL 303 IN APPENDIX OF CONTRACT PROVISIONS UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER, SEE DETAIL DETAIL 3/C-16, MLT STD DETAIL 302 (SIM.) AND 302A (SIM.) FOR CONNECTION TO SEWER PIPE FROM THE HOUSE
  8. INSTALL 12"Øx12"Øx0.8" WYE WITH 8"Ø 22.50" RFENDS AND 8"Øx6"Ø CONCENTRIC REDUCER @ STA 5+09.00D LF = 450.87 CONNECTS TO

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1. SAWCUT, REMOVE & DISPOSE OF EXIST. ASPHALT PAVEMENT. INSTALL HMA CLASS 1/2" PG 64-22 TO MATCH EXIST. THICKNESS (4" MIN. UNLESS OTHERWISE DIRECTED BY THE ENGINEER) WITH 4" MIN. OF CTC, SEE DETAIL 1 ON SHEET C-16 FOR WATER MAIN TRENCH & PAVEMENT REPAIR AND DETAIL 2 ON SHEET C-16 FOR STORM AND SANITARY SEWERS TRENCH & PAVEMENT REPAIR DETAILS.
  2. SAWCUT, REMOVE & DISPOSE OF EXIST. CONC. SIDEWALK, CONC. TRAFFIC CURB & GUTTER @ EXPANSION JOINT, CONC. EXTRUDED CURB @ JOINT PRIOR TO REMOVING OR INSTALLING FIRE HYDRANT, BLOWOFF, WATER MAIN PIPE, AND WATER SERVICE CONNECTIONS
  3. INSTALL CEMENT CONCRETE TRAFFIC CURB & GUTTER PER MLT STD PLAN No. 101 IN APPENDIX OF CONTRACT PROVISIONS, SEE DETAIL 2 ON SHEET C-17 FOR PAVEMENT REPAIR @ NEW TRAFFIC CURB AND GUTTER
  4. INSTALL CEMENT CONCRETE SIDEWALK PER MLT STD PLAN No. 100 IN APPENDIX OF CONTRACT PROVISIONS.
  5. INSTALL 4" TOPSOIL & COMPACT TO 85% OF MAX DENSITY. INSTALL SEALED LAWN TO RESTORE DISTURBED AREA.
  6. DO NOT DISTURB MONUMENT. SEE SECTION 1-05.4 OF THE SPECIAL PROVISIONS.
  7. INSTALL CLASS 3000 CEMENT CONCRETE SIDEWALK RAMP PER DETAIL 2 ON SHEET C-17
  8. NOT USED ON THIS SHEET
  9. GAS MAIN / GAS SERVICE TO BE REMOVED AND RELOCATED BY PSE
  10. SEE SHEET C-13 THROUGH 14 FOR STORM SEWER CONSTRUCTION PLANS
  11. INSTALL CEMENT CONCRETE SIDEWALK RAMP PER DETAIL 3 ON SHEET C-17
  12. REMOVE, PROTECT AND RELOCATE MAIL BOXES TO A TEMPORARY LOCATION AS REQUIRED TO INSTALL CLASS 52 D.I. PIPE. REINSTALL EXIST. MAIL BOXES WITH NEW 4x4 TREATED WOOD, AND CLASS 3000 CONC. FOOTING WITH 2 FEET MIN. EMBEDMENT BELOW GRADE. OTHER MATERIALS MAY BE REQUIRED TO ESTABLISH EXISTING MAIL BOXES TO MATCH EXISTING. ALL COSTS RELATED TO THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS OF WORK.

CIVIL NOTES

- \*\*\*\* NOTES 13 THROUGH 23 ARE NOT USED ON THIS SHEET \*\*\*\*

24. SEE SHEET C-2 THROUGH 4 FOR WATER MAIN CONSTRUCTION PLANS

25. ADJUST CATCH BASIN TO FINAL GRADE WITH CEMENT CONCRETE BLOCK AND COMMERCIAL CEMENT CONCRETE. ALL COSTS RELATED TO THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK

**GENERAL NOTES - (APPLY TO SHEET C-10 THROUGH C-17)**

LOCATIONS OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL POTHOLE TO VERIFY THE EXISTING UTILITY DEPTH WHERE THE PROPOSED NEW UTILITY ACCESSES OR CONNECTS TO AN EXISTING UTILITY AS SHOWN ON SHEET C-10 THOUGH C-17. IF THE PROPOSED UTILITY CONFLICTS WITH AN EXISTING UTILITY, CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 3 WORKING DAYS IN ADVANCE OF COMMENCING THE INSTALLATION. ALL COSTS RELATED TO THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS OF WORK.

R. SENG	JOHN COWLING	
CHECKED BY:	R. SENG PROJECT ENGINEER	
C-10	JOHN COWLING	DESCRIPTION
REVISION	DATE	
HORIZONTAL SCALE " = 20'-0"		
VERTICAL SCALE " = 5.0'-0"		