


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 18" SANITARY SEWER MANHOLE TYPE 1 ASSEMBLY PER DETAIL 4 THROUGH 6 ON SHEET C-16
4. INSTALL 15" SOLID WALL PVC PIPE SEWER MAIN AS SHOWN ON THE PLANS PER DETAIL 2 ON SHEET C-16
5. INSTALL 12" SOLID WALL PVC PIPE SEWER MAIN AS SHOWN ON THE PLANS PER DETAIL 2 ON SHEET C-16
6. INSTALL 6" 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" SOLID PVC PIPE 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"X12"X08" NYE WITH 8" 22.50" BENDS, AND 8"X6" CONCENTRIC REDUCER @ STA. 5+09.000, I.E.=450.87. CONNECTS TO EXIST. SIDE SEWER PIPE FROM NORTH AS SHOWN ON THE PLAN
9. INSTALL 48" SANITARY SEWER MANHOLE TYPE 3 PER WSDOT STD PLAN NO. B-15.60-01 PLUS ASSEMBLY PER DETAIL 5 & 6 ON SHEET C-16

CIVIL NOTES

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 CSC, 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 SEEDED LAWN TO RESTORE DISTURBED AREA
 6. DO NOT DISTURB MONUMENT. SEE SECTION 1-05.4 OF THE SPECIAL PROVISIONS
- *** NOTES 7 THROUGH 8 ARE NOT USED ON THIS SHEET ***
9. GAS MAIN AND 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
- *** NOTES 12 THROUGH 15 ARE NOT USED ON THIS SHEET ***
16. INSTALL 3" MIN. CSC AND COMPACT TO 95% OF MAX. DENSITY

CIVIL NOTES

17. SAWCUT, REMOVE & DISPOSE OF EXIST. ASPHALT PAVEMENT. INSTALL HMA CLASS 1/2" PG 64-22 TO MATCH EXIST. THICKNESS (2" MIN. UNLESS OTHERWISE DIRECTED BY THE ENGINEER) WITH 3" MIN. OF CSC, SEE DETAIL 1 (SIM) ON SHEET C-16 FOR WATER MAIN TRENCH & PAVEMENT REPAIR AND DETAIL 2 (SIM) ON SHEET C-16 FOR STORM AND SANITARY SEWERS TRENCH & PAVEMENT REPAIR DETAILS.
- *** NOTES 18 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.

SIDE SEWER CONNECTION SCHEDULE

No.	ADDRESS	SIDE SEWER I.E. @ SEWER MAIN	PROPOSED LENGTH	NOTES
1	UNKNOWN ADDRESS	450.38	17.0 LF.	
2	4404 & 4406 224TH ST. SW	449.98	17.0 LF.	
3	4408 & 4410 224TH ST. SW	449.72	17.0 LF.	
4	4412 224TH ST. SW	449.20	19.0 LF.	

NOTE: SIDE SEWER CONNECTIONS ON THE EASTSIDE AND NORTHSIDE OF THE PROPOSED SEWER MAIN ARE NOT ON SIDE SEWER CONNECTION SCHEDULE AND NOT SHOWN ON PROFILE. CONTRACTOR SHALL POTHOLE FOR VERIFICATION OF EXISTING SIDE SEWER PIPE LOCATION, PIPE SIZE, DEPTH (SIDE SEWER I.E.) AT THE PROPOSED SEWER CLEANOUT PRIOR TO INSTALLING THE PROPOSED SEWER MAIN. ALL COSTS RELATED TO THIS WORK INCL. LABOR, TOOLS, MATERIALS, AND EQUIPMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS OF WORK. NO ADDITIONAL PAYMENT SHALL BE MADE FOR CALCULATION SIDE SEWER SLOPES.

**44TH AVE W, 45TH PL. W., 224TH ST. SW
SANITARY SEWER RECONSTRUCTIONS
PROJECT NO. 2015-03**
SANITARY SEWER PLAN AND PROFILE


DRAWN BY:	APPROVED BY:
R. SENG	JOHN COWLING
REVISION:	PROJECT DIRECTOR:
C-11	R. SENG
DATE: 12/29/2015	DATE: 12/29/2015
DRAWING NO.: C-11	
Horizontal Scale: 1"-20'-0"	
Vertical Scale: 1"-5.0'-0"	

FILE DATE: Friday, May 12, 2016 3:51:45 AM
FILE NUMBER: 2015-03-28-SANITARY-SEWER-RECONSTRUCTIONS-2