

KEYPLAN

GENERAL NOTES

Ductile Iron Pipe - US Pipe
Protrude 401 Class 350 - Ductile Iron
SDR 35 PVC Pipe - National
Sewer manholes
Hanson - Prestressed Concrete Units
Ring & Color ESTW-Standard Water-Tight

PLAN NOTES

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PROJECT TITLE

EXPAND WESTERN
FORENSIC LABORATORY

PROJECT CODE 778-17978-000

APPROPRIATION NO. C39.05

Architectural
Engineering
Surveying
Interior

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PROJECT DESIGNER :
PROJECT ARCHITECT :
PROJECT ENGINEER : RWA
DRAWN BY :
CHECKED BY : WTA
APPROVED BY :
NO. :
REVISION DESCRIPTION :
DATE :

DRAWING TITLE
SANITARY SEWER
PROFILES

COMD. NO.
12555.00

DATE
JANUARY 10, 2014

DRAWING
SHEET

C4.3

OF

PROPOSED SANITARY SEWER PROFILE

EX. S9 - S6A PROFILE

SANITARY SEWER NOTES:

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE WESTERN VIRGINIA WATER AUTHORITY (AUTHORITY) AVAILABLE AT THE PROJECT SITE. THE CONTRACTOR SHALL ALSO COMPLY WITH THE GOVERNING JURISDICTION'S STANDARDS AND OTHER AGENCIES STANDARDS (E.G. STATE DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, ETC.) WHERE APPLICABLE.
- THE CONTRACTOR SHALL PERFORM ALL MANHOLE CONNECTIONS. THE CORING AND BOOT INSTALLATION SHALL BE INSPECTED AND APPROVED BY AN AUTHORITY'S CONSTRUCTION INSPECTOR PRIOR TO ACTIVATING SEWER SERVICE. THE CONTRACTOR SHALL CONTACT THE AUTHORITY'S CONSTRUCTION INSPECTOR RESPONSIBLE FOR THE PROJECT AT LEAST ONE (1) DAY PRIOR TO INITIATING THE MANHOLE CONNECTION.
- PRIOR TO CONSTRUCTION IN THE RIGHT-OF-WAY, ALL APPLICABLE PERMIT(S) FROM THE GOVERNING JURISDICTION AND/OR AGENCY MUST BE OBTAINED AND A COPY KEPT ON THE PROJECT SITE.
- TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT MUTCD MANUAL AND THE VDOT WORK AREA PROTECTION MANUAL. ALL PAVEMENT REPAIRS SHALL BE IN ACCORDANCE WITH THE PLANS AND APPLICABLE VDOT LAND USE PERMIT.
- THE CONTRACTOR SHALL NOTIFY THE AUTHORITY'S ENGINEERING COORDINATOR, CHUCK CLARK, AT 540-537-3243 AT LEAST THREE (3) WORKDAYS PRIOR TO CONSTRUCTION.
- PRECONSTRUCTION MEASUREMENTS SHALL BE SCHEDULED AT LEAST ONE (1) DAY PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL HAVE A VALID MISS UTILITY TICKET PRIOR TO EXCAVATION. CONTACT MISS UTILITY AT 1-800-552-7001.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THEIR EXACT LOCATION. CONTRACTOR SHALL LOCATE ALL UTILITIES AND DETERMINE ALL INVERTS PRIOR TO CONSTRUCTION TO ALLOW FOR ADJUSTMENTS DUE TO CONFLICTS WITH OTHER UTILITIES. THE CONTRACTOR SHALL COMPLY WITH THE VIRGINIA STATE WATER WORKS REGULATIONS, SECTION 12.05.03, AND THE VIRGINIA STATE SEWAGE COLLECTION AND TREATMENT REGULATIONS WHERE LINES CROSS.
- AN APPROVED SET OF PLANS AND PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
- CONSTRUCTION DEBRIS SHALL BE CONTAINERIZED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER SHALL OBTAIN AN EROSION AND SEDIMENT CONTROL PERMIT FROM THE LOCAL GOVERNING JURISDICTION AND LEAVE IT POSTED ON SITE. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING ALL VEHICLES AND EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE STREETS ARE KEPT IN A CLEAN, MUD- AND DUST-FREE CONDITION AT ALL TIMES.
- FIELD CHANGES SHALL BE APPROVED BY THE AUTHORITY'S ENGINEERING DIVISION PRIOR TO SUCH CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE PROVISIONS TO PROVIDE ACCESS TO ALL PROPERTIES DURING CONSTRUCTION AND SHALL MAINTAIN SAFE ACCESSIBILITY TO FIRE HYDRANTS AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE RIMS SHALL BE LOCATED TO THE CENTERLINE OF THE ROADWAY. TO MAINTAIN THE PROPER GRADE AND DRAINAGE, THE CONTRACTOR SHALL FLUSH WITH THE ADJACENT ROADWAY SURFACE AND SHALL BE INSPECTED AND REPAIRED ON A DAILY BASIS. SOME AREAS WILL REQUIRE A TEMPORARY PATCH UNTIL FINAL PAVING CAN BE COMPLETED.
- THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN 100' OF TRENCH AT A TIME. ALL TRENCHES SHALL BE BACKFILLED OR PLATED AT THE END OF EACH WORK DAY OR WHEN THE CONTRACTOR IS NOT ON SITE.
- THE CONTRACTOR SHALL SUPPLY THE AUTHORITY WITH CORRECT AS-BUILT PLANS BEFORE SUBSTANTIAL COMPLETION WILL BE GRANTED.

KEYNOTES:

- CORE-DRILL OPENING FOR NEW LINE. DEMOLISH AND RE-POUR INVERT TROUGH TO MATCH NEW LINE. PROVIDE BY-PASS PUMPING OR PERFORM WORK DURING OFF-PEAK HOURS. PLUG EXISTING OPENING TO SSMH SS.
- CONNECT EXISTING 8" LINE TO NEW MANHOLE.

ALL MANHOLE COVERS SHALL BE "STANDARD MANHOLE COVERS" AS SHOWN ON DETAIL S-5 ON SHEET C4.4.

MENU			

COMD. VERSION	
PLOT SCALE	
PLOT DATE	
SHEET DATE	
COMD. NO.	
DRAWING NO.	

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