

1. SUPPLY AND INSTALL ALL MATERIALS AND METHODS FOR WATERLINES, SANITARY SEWERS AND STORM DRAINAGE IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS OF THE CITY OF SALEM, WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS, LATEST EDITION AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION "ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS", LATEST EDITION.

1. SUPPLY AND INSTALL ALL MATERIALS AND METHODS FOR SEWERINGS, SANITARY SEWERS AND STORM DRAINAGE IN ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION STANDARDS, LATEST EDITION, OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION, ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS, LATEST EDITION.
2. OBTAIN ALL REQUIRED PERMITS AND NOTIFY APPROPRIATE OFFICIALS 48 HOURS PRIOR TO COMMENCEMENT OF WORK. OBTAIN INFORMATION FROM THE CITY OF SALEM CONCERNING PERMITS AND CONNECTIONS TO EXISTING LINES.
3. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE CITY OF SALEM. NOTIFY APPROPRIATE OFFICIALS PRIOR TO COMMENCEMENT OF WORK.
4. SITE SHALL BE TO SUBGRADE PRIOR TO INSTALLATION OF UTILITIES. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF SALEM STANDARDS.
5. MAINTAIN ALL PERFORMANCE TO EXISTING WATER SERVICE SEWER LINES OR ANY OTHER UTILITY DURING CONSTRUCTION AND PROVIDE QUALITY WORKMANSHIP.
6. MAKE ALL PIPE JOINTS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR OVER AND REGIONAL DESIGN AND CONSTRUCTION STANDARDS. MAKE JOINTS BETWEEN EXISTING PIPE MATERIALS WITH STANDARD FITTING WORKMANSHIP FOR THE EXISTING PIPE.
7. MAINTAIN ALL WATER LINES AT TEN (10) FEET VERTICAL SEPARATION FROM SEWER LINES AND MANHOLE. MEASURE THE DISTANCE EDGE-TO-EDGE. WHEN LOCAL CONDITIONS REQUIRE, THE SEWER OR MANHOLE PROVIDED MAY BE THE EDGE OF THE WATERLINE SHALL BE AT LEAST EIGHT (8) INCHES ABOVE THE TOP OF THE EXISTING WATERLINE. THE SEWER SHALL BE AT LEAST SIX (6) INCHES ABOVE THE TOP OF THE EXISTING WATERLINE. APPROVED WATER PIPE AND PRESSURE RATING IN PLACE PRIOR TO BACKFILLING. THE SEWER MANHOLE SHALL BE OF THE BUILDING CONSTRUCTION TESTED AND APPROVED FOR THE CITY OF SALEM.
8. PRIVATE SEWERS AND WATER CONNECTIONS TO BE EXISTING SHALL BE REFERENCED BY THE CONTRACTOR. CITY OF SALEM SHALL PROVIDE THE WATER UTILITY DATA SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMMERCIAL WATER AND GAS MAINS AND UTILITIES FROM THE WALL ON THE PRIVATE SIDE OF THE LOT.
9. PROVIDE ARCHITECTURAL PLANS FOR EXISTING LOCATIONS WHERE EXISTING SUTER EXISTING BUILDINGS.

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING AND ADJUSTMENT TO FINAL GRADE, IF NECESSARY.

ALL EXISTING UTILITIES SHALL NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXIST LOCATION. CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12A063-990-1150, WHERE LINES CROSS.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHTS OF WAY SHALL BE COMPLETED ACCORDING TO THE LATEST WESTERN REGIONAL AND LOCAL CONSTRUCTION STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ANY U.S. HIGHWAY, STATE, OR FEDERAL HIGHWAY, OR ANY EXISTING UTILITY LINES, AND CLEANOUTS AND ADJUST TO PLAN GRADE AS REQUIRED. TRAFFIC BEARING TOPS SHALL BE PROVIDED IF THE CLEANOUT IS TO BE LOCATED WITHIN AN AREA EXPOSED TO TRAFFIC.

EXISTING UTILITY LINES SHALL BE REVEALED PER THE WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.

ALL TRENCHES OR EXISTING OR FUTURE HIGHWAY RIGHTS OF WAY SHALL BE COMPLETED ACCORDING TO THE LATEST WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

CONNECTION PIPE TO MANHOLE THROUGH PERIEST CAST SPINDLES AND JOINT WITH EITHER A FLEXIBLE BOOT OR GASKET ON A PIPE SEAL GASKET.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS, VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, AND LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS, WHERE APPLICABLE.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS, VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, AND LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS, WHERE APPLICABLE.
2. THE LOCATION OF EXISTING UTILITIES AS SHOWN IS APPROXIMATE. THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF LOCATIONS DIFFER FROM PLANS.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-552-7001 OR 811 PRIOR TO ANY CONSTRUCTION WORK IN THIS AREA.

1. THE MAXIMUM ALLOWABLE CROSS SLOPE ACROSS ACCESSIBLE PARKING SPACES AND ACCESSIBLE ASILES IS 2%. NO SLOPE IN ANY DIRECTION SHALL EXCEED 2% WITHIN ADA PARKING SPACES OR ASILES.

2. THE MAXIMUM ALLOWABLE LONGITUDINAL SLOPE ALONG ACCESSIBLE ASILES IS 5%.

3. THE CONTRACTOR SHALL VERIFY SLOPES AND GRADES FOR ALL ACCESSIBLE PARKING SPACES AND ACCESS ASILES AFTER STAKING IS COMPLETE AND BOTH BEFORE AND AFTER INSTALLATION.

10. THE MAXIMUM ALLOWABLE CROSS SLOPE IN ANY DIRECTION SHALL EXCEED 2% WITHIN THE PARKING SPACES OR AISLES.
11. THE MAXIMUM ALLOWABLE CROSS SLOPE ALONG ACCESSIBLE AISLES IS 5%.
12. THE MAXIMUM ALLOWABLE LONGITUDINAL SLOPE AND GRAD FOR ALL ACCESSIBLE PARKING SPACES AND ACCESSIBLE AREAS AT ANY STAGING IS COMPLETE AND BOTH BEFORE AND AFTER CONSTRUCTION.
13. ANY SLOPE DISCREPANCIES DETECTED BY THE SURVEYOR AND/OR CONTRACTOR SHALL BE REPORTED TO THE ENGINEER PRIOR TO INSTALLATION.
14. DETECTABLE WARNING STRIPS ARE SPECIFICALLY NOTED ON THE SITE PLAN. DETECTABLE WARNING STRIPS ARE REQUIRED AT ALL CURB RAMP AND CLOSURE CHANGES TRANSITIONS TO PARKING LOTS, DRIVEWAYS, AND SIDEWALKS. DETECTABLE WARNING STRIPS SHALL BE 18 INCHES LONGITUDINAL SLOPE THAT EXCEED 5% AND 4 OR 6 INCHES IN PAVEMENT WIDTH.

- PER WOT / AIA / AIB STANDARDS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
1. SITE HAND RAILS SHALL BE INSTALLED ON BOTH SIDES OF THE SITE SIGNWAYS WHERE HAND RAILS ARE REQUIRED.
2. HAND RAILS SHALL BE REQUIRED.
3. MAXIMUM PERMISSIBLE SLOPE RAMP SLOPE IS 12:1.
4. MAXIMUM PERMISSIBLE PARKING SPACES SHALL EXCEED 2% SLOPE.
5. PER WOT / AIA STANDARDS, ACCESSIBLE PARKING SPACES SHALL EXCEED 2% SLOPE.
6. NO VERTICAL TRANSITIONS IN ADA ACCESSIBLE ROUTES SHALL EXCEED 1/4".
7. GRAB AND GUITER
8. THE CONTRACTOR SHALL USE A MINIMUM OF THREE (3) RUNNING CONSTRUCTION STAKES TO AVOID HAND BREAK LINES IN THE CURB AND SHALL SPECIFICALLY CALL FOR THE PLANS.
9. THE MINIMUM LONGITUDINAL SLOPE FOR GUTTER PAN IS 0.5%, UNLESS OTHERWISE NOTED ON PLANS.
10. THE TRANSITION FROM C&G TO C&G-7 IS REQUIRED, UNLESS OTHERWISE NOTED ON THE PLANS.
11. ALL CURB AND GUTTER SHOWN ON THE PLANS SHALL BE WOT C&G-6, C&G-2, OR C&G-7, UNLESS SPECIFICALLY NOTED OTHERWISE.

12. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LINE AND GRADE FOR ALL DRY UTILITIES PRIOR TO THE START OF CONSTRUCTION.

13. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING DRY UTILITY LINES AND GRADES AGAINST ALL PROPOSED UTILITIES SHOWN ON THE PLANS. POTENTIAL CONFLICTS SHALL BE REPORTED TO THE ENGINEER AS SOON AS POSSIBLE.

14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING TELEPHONE, CABLE, FIBER OPTIC, AND CABLE TV LINES WITH THE PROJECT. CONTACT UTILITY PROVIDERS AS SOON AS POSSIBLE TO BEGIN COORDINATION.

15. THE CONTRACTOR SHALL REVIEW SITE AND BUILDING DRAWINGS TO VERIFY COORDINATION OF UTILITY INFRASTRUCTURE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.

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- A. SLOPE SHALL BE INSTALLED WITH A MAXIMUM 2% CROSS-SLOPE.
B. SLOPE SHALL BE BROOM FINISHED UNLESS NOTED OTHERWISE ON THE PLANS.
C. SLOPE SHALL BE 6" DEEP IN WIDTH, UNLESS NOTED OTHERWISE ON THE PLANS.
D. ALL JOINTS AND DOWN SCUTES
E. ALL DOWNSCUTES NOT CONNECTED TO STORM SEWER SHALL BE FURNISHED WITH SPASH BLOCKS.
F. DOWNSCUTES SHALL BE FURNISHED WITH A DOWNSCUT/PURGE TRANSOM BRITISH STANDARD OF DOWNSCUT AND ROOF DRAIN LATERAL WITHOUT A SUITABLE BOOT TRANSITION IS NOT PERMITTED.
G. ALL ROOF DRAIN LATERALS SHALL BE INSTALLED WITH THE PREWELDING LOCAL RESISTANT PLUMBING CODE OR THE INTERNATIONAL PLUMBING CODE, WHICHEVER APPLICABLE.
H. A MINIMUM ALLOWABLE SLOPE FOR 4-INCH ROOF DRAIN LATERAL IS 2.0%.
I. ROOF DRAIN LATERALS SHALL BE 6-INCH DIAMETER (SMOOTH-WALLED), UNLESS NOTED OTHERWISE ON THE PLANS.

1. CONTRACTOR SHALL HAVE "MISS UTILITY" MARK EXISTING UTILITY LINES PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL REVIEW PLANS TO VERIFY EXISTING LOCATIONS MARKED IN THE FIELD MATCH THOSE SHOWN ON THE PLANS.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY POTENTIAL DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

1. CONTRACTOR SHALL HAVE "MISS UTILITY" MARK EXISTING UTILITY LINES PRIOR TO START OF CONSTRUCTION AND AS NECESSARY THROUGH CONSTRUCTION.
2. CONTRACTOR SHALL REVIEW PLANS TO VERIFY EXISTING LOCATIONS MARKED IN THE FIELD MATCH THOSE SHOWN ON THE PLANS.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY POTENTIAL DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL POT-HOLE EXISTING UTILITIES AT CRITICAL CROSSING LOCATIONS PRIOR TO THE START OF CONSTRUCTION AND PROVIDE ENGINEER WITH LUNE AND GRADE

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ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH CURRENT MOOT STANDARDS AND SPECIFICATIONS

ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH CURRENT MOOT STANDARDS AND SPECIFICATIONS

UPON THE DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT A GEOTECHNICAL ENGINEER AND/OR CITY OF SALT LAKE. THESE AREAS SHALL BE EXCAVATED TO A DEPTH OF 10 FEET, OR DEEPER AS DETERMINED BY THE ENGINEER, AND BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT BEST PRACTICES AND SPECIFICATIONS.

SMALL STORM SEWER DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH VDOT

ALL ENTRANCES ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT STANDARDS AND SPECIFICATIONS.

CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT

ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND/OR PROPOSED RIGHT-OF-WAY REQUIRED BY THE DEVELOPMENT.

CASING SLEEVES SHALL BE PLACED AT ALL PAVEMENT CROSSINGS FOR GAS, POWER, TELEPHONE, CABLE TV AND IRRIGATION SERVICE LINES.

THE INSTALLATION OF SEWER, WATER, AND GAS MAINS (INCLUDING SERVICE LATERALS AND/OR SLEEVES) SHALL BE COMPLETED PRIOR TO PLACEMENT OF AGGREGATE BASE

COURSE,

PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT A RATE OF 0.30 GALLONS PER SQUARE YARD (REC-250 PRIME COAT) PER DOT STANDARDS AND SPECIFICATIONS.

THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE VDOT

ALL VEGETATION AND ORGANIC MATERIAL IS TO BE REMOVED FROM THE RIGHT-OF-WAY ROAD AND BRIDGE SPECIFICATIONS (LATEST EDITION).

...G.C. SHALL SUBMIT A TRAFFIC CONTROL PLAN TO FRANKLIN COUNTY PRIOR TO ANY LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.

GENERAL NOTES:

GENERAL NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST WAH DESIGN AND CONSTRUCTION STANDARDS.
2. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE WESTERN WATER AUTHORITY OF ANY CHANGES TO THE PROJECT PRIOR TO ANY CONSTRUCTION. PLEASE CONTACT MARK SINKA AT (360) 537-3362.
3. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN VIRGINIA WATER AUTHORITY.
4. A 3'x6'x6' SHAUL BE PROVIDED FOR THE WESTERN VIRGINIA WATER AUTHORITY PRIOR TO START CONSTRUCTION.
5. THE CONSTRUCTION SHALL MAINTAIN A MINIMUM OF 18" CLEARANCE VERTICALLY AND 2' MINIMUM HORIZONTALLY FROM PIPE TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ANY OTHER UTILITIES WHERE THIS CANNOT BE ACHIEVED, ANNOTATED ANY MEASURES IN ACCORDANCE WITH WAH STANDARDS SHALL BE PROVIDED.
6. ANY EXISTING APPURTENANCES SHOULD BE ADJUSTED TO GRADE AND NEW APPURTENANCES SHALL BE INSTALLED TO THE GRADE.
7. IF THE APPURTENANCES' RESPONSIBILITY IS NOT CLARIFIED, ALL EXISTING UTILITIES LOCATED AND POHCELED TO VERIFY LOCATIONS. THE LINE HENVER DOES NOT ASSUME THE CONTRACTOR OR RESPONSIBILITY TO RELOCATE ANY UTILITIES.

1. ALL SANITARY SEWER CONNECTIONS TO EXISTING PUBLIC LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WWA.

2. ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WWA DESIGN AND CONSTRUCTION STANDARDS;

WATER NOTES:

1. ALL WATER CONNECTIONS TO EXISTING PUBLIC LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WWA.

2. ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WWA DESIGN AND CONSTRUCTION STANDARDS.
3. ALL FIRE HYDRANTS SHALL HAVE THE BARREL PAINTED SILVER AND THE CAPS TO BE COLOR CODED PER NFPA TO INDICATE WATER FLOW AT EACH PARTICULAR HYDRANT.

FRANKLIN COUNTY DEPARTMENT OF PLANNING & COMMUNITY DEVELOPMENT