- THE PURPOSE OF THIS PROJECT IS TO EXTEND WATER MAIN FROM WINDMERE TRAIL TO COMPASS COVE ALONG SCRUGGS ROAD, AND EXTEND WATER MAIN FROM COMPASS COVE TO BERNARD'S LANDING ALONG
- ASHMEADE ROAD.

  THE ENTIRETY OF THE PROPOSED WORK IS LOCATED WITHIN VIDOT RIGHTS OF WAY AND/OR WWW.
  EASEMENTS, AND SHALL BE CONDUCTED IN ACCORDANCE WITH ALL VIDOT LUP REQUIREMENTS, WESTERN
  VIRGINIA WATER AUTHORITY (WWW.) DESIGN A CONSTRUCTION STANDARDS, AND THE APPROVED WWW.
  ANNUL RESS CHANDARDS & SEPCIFICATIONS.
- THE LIMITS OF DISTURBANCE WILL BE LESS THAN 1-ACRE IN AREA.

## 2. MINIMUM STANDARDS:

- MINIMUM STANDARDS:

  THE FOLLOWING STATE MINIMUM STANDARDS APPLY AND WILL BE MET AS FOLLOWS:

  (NON APPLICABLE STANDANDS ARE NOT LISTED)

  MS-1. ALL DISTRIBED AREAS AND TERMS STABLED WITH PAVEMENT SIMLL RECEIVE PERMANENT SOIL

  STABLEATON MEASURES WITHIN SERVEN DAY.

  FOR STANDARD STAND
- MS-16 NO MORE THAN 600 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME FOR INSTALLATION OF
  - WATER LINES AND APPURTENANCES.
    EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
- EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
- MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO
- RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
- APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH
- MS-17 PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. THE ROAD SURFACE SHALL BE CLEAKED THOROUGHLY AT THE END OF EACH DAY WHERE SEDIMENT IS TRANSPORTED ONTO PAVED OR PUBLIC ROAD SURFACES. END OF EACH DAY WEERE SEDMENT IS TRANSPORTED ONTO PAVED OR PUBLIC ROAD SURFACES. SEDIMENT SHALL BE REMOYED FROM THE ROADS SY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL, DISPOSAL AREA, STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

  MS-19. - ALL TEMPORARY EASC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE
- STABILIZATION OR AFTER TEMPORARY MEASURES ARE NO LONGER REEDED, UNLESS OTHERWISE NUTHORIZED BY THE LOCAL PROGRAM AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS HALL BE PERMANENTY STABILIZED.
- SHALL BE PERMANENTLY OF MADE CONDITIONS, DRAINAGE PATTERNS, RUNOFF VOLUMES, OR RUNOFF FLOW RATES WILL RESULT FROM THIS PROJECT, THUS NO DOWNSTREAM ANALYSIS IS REQUIRED.

### CERTIFICATION, INSPECTIONS, TRAINING, AND REPORTING:

- DEG GETTIFIED ESC NERFOTOR SHALL PROVIDE FOR, AND DOCUMENT, NERFOTORS AT THE FOLLOWING PROPERTY OF THE FOLLOWING PROPERTY
- WWW. BMILDLOVES, INSPECTORS, AND CONTRACTORS ARE DIRECTED TO PERFORM ALL WORK TO MINIMUM OSHA SAFETY STANDARDS. ADDITIONALLY, THEY ARE DIRECTED TO PROTECT THE ENVIRONMENT AT ALL TIMES AND TO REPORT ANY VIOLATIONS OF ENVIRONMENTAL RULES, INCLUDING ESC ISSUES, TO THEIR RESPECTIVE SUPERVISION IMMEDIATELY. 33
- THE ASAS HOLDER (WWA) SHALL MAINTAIN, BOTH ON-SITE AND IN ASAS FILES, A COPY OF THE APROVED ESC PLAN AND A RECORD OF INSPECTIONS FOR EACH ACTIVE LAND-DISTURBING ACTIVITY.
- THE CONTRACT SHALL NOTIFY THE WHYAE ASSINEERING COORDINATOR, BRIAN WHITEHACK, AT \$40-400-4078 AT LEAST THREE (S) DAYS PRIOR TO CONSTRUCTION.

  ANY ADDITIONAL OFF-SITE AREAS USED FOR BORROW OR WASTE MATERIALS SHALL BE APPROPRIATELY PERMITTEN. 3.4.

AS THE PROJECT WILL BE COMPLETED IN ACCORDANCE WITH DEQ GUIDANCE MEMO NO. 15-2003, THE PREPARATION AND IMPLEMENTATION OF A STORMWATER MANAGEMENT PLAN AND THE CONSTRUCTION GENERAL PERMIT ARE NOT ANTICIPATED.

## WESTERN VIRGINIA WATER AUTHORITY NOTES:

- THE "OWNER" IS THE WESTERN VIRGINIA WATER AUTHORITY (AUTHORITY OR WVWA). THE TERMS "OWNER" AND
- THE CONTRACTOR SHALL NOTIFY THE WVWA CONSTRUCTION INSPECTION COORDINATOR, BRIAN WHITENACK, AT 540-400-4079 AT LEAST FIVE BUSINESS (5) DAYS PRIOR TO CONSTRUCTION
- THE WVWA WILL SCHEDULE A PRE-CONSTRUCTION CONFERENCE AT LEAST FIVE BUSINESS (5) DAYS PRIOR TO ANY
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY AND FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY CODES, LAWS, REGULATIONS, AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- THE CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCING WORK AND SHALL NOTIFY ENGINEER
- ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THEIR EXACT LOCATION, CONTRACTOR SHALL LOCATE ALL UTILITIES AND DETERMINE ALL INVERT ELEVATIONS PRIOR TO CONSTRUCTION TO ALLOW FOR ADJUSTMENTS DUE TO CONFLICTS WITH OTHER UTILITIES. THE CONTRACTOR SHALL COMPLY WITH THE VIRGINIA STATE WATERWORKS REGULATIONS, SECTION 12VACS-590-1150, AND THE VIRGINIA STATE SEWAGE COLLECTION AND TREATMENT (SCAT) REGULATIONS WHERE
- THE CONTRACTOR SHALL HAVE A VALID MISS UTILITY TICKET PRIOR TO EXCAVATION. CONTACT MISS UTILITY AT 1-800-552-7001.
- PRIOR TO CONSTRUCTION, ALL APPLICABLE PERMIT(S) FROM THE GOVERNING JURISDICTIONS AND/OR AGENCIES MUST BE OBTAINED AND A COPY KETT ON THE PROJECT STE. CONTRACTOR SHALL DETAIN ALL REQUIRED PERMITS AND PAY ALL FEES OF SUCH, PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL OBTAIN REQUIRED PERMITS FROM THE CITY OF ROANOKE, ROANOKE COUNTY, BOTETOURT COUNTY.
- 10 ALL WORK SHALL BE CONTAINED WITHIN THE EXISTING RIGHT OF WAY AND/OR PROPOSED OR EXISTING FASEMENTS.
- CONTRACTOR SHALL PROVIDE ANY SHORING REQUIRED TO PROTECT PERSONNEL AND EXISTING FACILITIES DURING CONTRACTOR SHALL PROVIDE ANY SHORING REQUIRED TO PROTICE PERSONNEL AND DISTING FACILITIES DURING CENCANTOR FOR MISTALLIAMON OF PROPOSOS STRUCTURES AND UTILITIES CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING DESIGN, DESIGN SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE COMMORINATION OF WIRRINA WHEN EQUIRED BY REGULATIONS. ALL ANTICIPATED COSTS FOR SHORING AND DESIGN SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
- ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS AVAILABLE AT WWW.WESTERNVAWATER.ORG OR BY CONTACTING THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) AT 540-853-5700. THE PROJECT SHALL ALSO COMPLY WITH THE GOVERNING JURISDICTION'S STANDARDS AND OTHER
- FOR PROJECTS REQUIRING TRAFFIC CONTROL IN THE CITY OF ROANOKE NOTIFY MANAGER OF TRANSPORTATION. DWAYNE FOR FAULE IS REQUIRING TRAFFIC OWN LIFE THE LIFE OR FORMORDS, RICH TYMHORDER OF THROUGH THE OWN OWN THE PROPERTY OF THE OWN TH OFFICE FOR ADDITIONAL REQUIREMENTS. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT MUTCO MANUAL AND THE VDOT WORK AREA PROTECTION MANUAL UNLESS OTHERWISE SPECIFIED BY THE CITY.
- AN APPROVED SIGNED SET OF CONSTRUCTION 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.
- THE CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER SHALL BE RESPONSIBLE TO IMPLEMENT ALL EROSION & EDIMENT CONTROLS REQUIRED. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORD LATEST EDITION OF THE WESTERN VIRGINIA WATER AUTHORITY'S GENERAL FROSION AND SEDIMENT CONTROL ANNUA LATES EQUITION OF THE WESTERN WINGHAM WHILE AND LITHOUTH'S GENERAL RESIDION AND SOMMENT COUNTING, ANNAULS TEXTIFICATED TO THE WINGHAM RESIDION AND SERVICE CONTINUED AND AND SERVICE CONTINUED. AND SERVICE CONTINUED AND AND SERVICE
- 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 WWWA'S CONSTRUCTION MANAGER PRIOR TO SUCH CONSTRUCTION. NO ADDITIONAL PAYMENTS SHALL BE MADE TO CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR APPROVAL FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR FROM WWA'S CONTRACTOR FOR WORK PERFORMED WITHOUT PRIOR FROM WWA'S CONTRACTOR FROM WWA'S CONSTRUCTION MANAGER
- 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
- SUALL BE INSTALLED TO GRADE AND SLUSU WITH THE SINAL BAVEMENT UNREPAIRED ROADWAYS OPENED TO TRAFFIC SHALL HAVE, AT A MINIMUM, COMPACTED AGGREGATE MATERIAL VDOT 21A OF
- 21B FLUSH WITH THE ADJACENT ROADWAY SURFACE AND SHALL BE INSPECTED AND REPAIRED ON A DAILY BASIS
- THE CONTRACTOR SHALL NOT EXCAVATE MORE TRENCH LENGTH THAN CAN BE RESTORED WITHIN THE SAME WORK DAY, ALL TRENCHES SHALL BE BACKFILLED OR PLATED AT THE END OF EACH WORK DAY OR WHEN THE CONTRACTOR IS NOT ON SITE.
- CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION; INCLUDING ACCESS AND SITE ROADWAYS, DITCHES, DRAINAGE STRUCTURES AND OTHER EXITING FEATURES TO THEIR ORIGINAL CONDITION OR TO A CONDITION SATISFACTORY TO THE CONSTRUCTION MANAGER
- THE CONTRACTOR SHALL SURPLY THE WAVA WITH RECORD DRAWING(S) (AS,RIIITS) REFORE SURSTANTIAL COMPLETION WILL GRANTED. CONTRACTOR SHALL RECORD VERTICAL AS-BUILT DATA TO INCLUDE DEPTH OF WATER MAIN. WATER MAI FEATURES & ALL UTILITY CROSSINGS. SEE THE WAYNA AS-BUILT DRAWINGS BY CONTRACTOR/DEVELOPER FOR WAYNA HORIZONTAL & VERTICAL BENDS SHOWN IN THE PLAN ARE APPROXIMATE. CONTRACTOR TO BE AWARE THAT ALL HORIZONTAL AND/OR VERTICAL BEND FITTINGS MAY NOT BE SHOWN IN THE PLANS.
- ANY PROJECTS WITHIN VDOT JURISDICTION WILL REQUIRE COMPACTION TESTS EVERY 500 LINEAR FEET WHERE PAVEMENT
- EXISTING PIPING THAT IS NOT TO BE REUSED CAN BE ABANDONED IN PLACE, EXCEPT WHEN OTHERWISE SPECIFIED ON THE
- THE PLANS AND PROJECT MANUAL SHALL GOVERN FOR THIS PROJECT; HOWEVER, IF THESE DOCUMENT DO NOT COVER A PARTICULAR ITEM OR PORTION OF THE WORK, THE STANDARDS, LASTEST EDITION, SHALL GOVERN.
- ALL DRIVEWAYS, SIDEWALK, CURBING, FENCING, CULVERTS & MAILBOXES MUST BE RESTORED TO EXISTING CONDITIONS AFTER CONSTRUCTION IS COMPLETED. ANY CHANGES TO EXISTING CONDITIONS MUST BE APPROVED BY WVWA.
- CONTRACTOR SHALL PROTECT SHRURS & LANDSCAPING DURING CONSTRUCTION. CONTRACTOR SHALL RELOCATE/REESTABLISH
- 31. CONTRACTOR SHALL PROTECT CURBING FROM DAMAGE.

PLANS AND/OR THE PROJECT MANUAL.

- 32. CONTRACTOR SHALL PROTECT PROPERTY PINS. PROPERTY PINS SHALL NOT BE DISTURBED DURING CONSTRUCTION.
- 33. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POLE/GUY WIRE PROTECTION AS NEEDED FOR CONSTRUCTION.
- 34. ALL PAVEMENT CUTS SHALL BE SAW CUT AND EDGES TACK COATED PRIOR TO PAVING

# **EROSION & SEDIMENT CONTROL NOTES**

- THIS PROJECT IS EXEMPT FROM EROSION AND SEDIMENT CONTROL PLAN REQUIREMENTS PURSUANT ARTICLES § 62.1-44.15:51 & § 62.1-44.15:55 OF THE CODE OF VIRGINIA.
- 2. SOME EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN SHOWN ON THIS PLAN AT THE DISCRETION OF THE DESIGNER.
- 4. EROSION AND SEDIMENT CONTROL MEASURES: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDAS AND SPECIFICATIONS OF THE "VIRIGINAL RESIONS AND SEDIMENT CONTROL HANDROOK," THIRD EDITION: (VESCH). THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS OTHERWISE DIRECTED BY THE LOCAL
- PROGRAM AUMINISTRATION.

  OF STEE AREAS, THESE PLANS DO NOT PROVIDE FOR ANY LAY DOWN AREA, BORROW/DISPOSAL SITE, STOCK FILE AREA, OR ANY OTHER FORM OF STREAMS ANAL RECONSTRUCTION OF STREAMS ANAL RECONSTRUCTION OF STREAMS AND ANAL RECONSTRUCTION OF STREAMS AND ANAL RECONSTRUCTION AND ADMINISTRATION OF STREAMS AND ADMINISTRATION OF STREAMS AND ADMINISTRATION OF STREAMS AND ADMINISTRATION OF STREAMS AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AUGUST AND ADMINISTRATION AUGUST AND ADMINISTRATION AUGUST ADMINISTRATION APPROVAL DOCUMENTATION SHALL BE RECONSTRUCTION OF WAY.

## STORMWATER MANAGEMENT NOTES

- A WAIVER TO THE VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) REQUIREMENTS IS HEREBY REQUESTED FOR THIS LINEAR PROJECT.
- NO CHANGES SHALL BE MADE TO THE PROJECT THAT WILL SIGNIFICANTLY ALTER THE PREDEVELOPMENT RUNOFF CHARACTERISTICS OF THE LAND SURFACE AFTER COMPLETION OF CONSTRUCTION AND FINAL STABILIZATION
- 3. NO MORE THAN ONE (1) ACRE OF LAND DISTURBANCE SHALL BE PERMITTED DURING CONSTRUCTION WITHOUT STABILIZATION
- SOIL STABILIZATION SHALL BE APPLIED TO LAND DISTUBED AREAS WITHIN SEVEN (7) DAYS IF THE LAND SURFACE AREA CAN PRODUCE EROSION AND SEDIMENT.
- 5. THE ENVIRONMENT SHALL BE PROTECTED FROM EROSION AND SEDIMENT DAMAGE ASSOCIATED WITH THE LAND DISTURBING ACTIVITY
- THE CONSTRUCTION ACTIVITY OPERATOR (WORKING FOR THE REGISTERED LAND DISTURBER AS IDENTIFED ON THESE
  APPROVED PLANS) SHALL INSTALL, IMPLEMENT, AND MAINTAIN POLLUTION PREVENTION MEASURES TO:
- A. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLL WASHING, WHEEL WASH WATER, AND
- OTHER WASH WATERS

  B. MINIMIZE EXPOSURE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTE, TRASH, LANDSCAPE MATERIALS, FERTILIZER, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER LANDSCAPE MATERIALS, FERTILIZER, PESTICIDES, HERBICIDES, DETER MATERIALS PRESENT ON SITE TO PRECIPITATION AND STORMWATER
- C. MINIMIZE THE DISCHARGE OF POLLUTAINTS FROM SPILLS AND LEARS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES

  D. PROHIBIT THE DISCHARGE OF WASTEWATER FROM WASHOUT OF CONCRETE
- E. PROHIBIT THE DISCHARGE OF WASTENIATE RROM WASHOUL OF CUNCRIFE

  E. PROHIBIT THE DISCHARGE OF WASTENIATE RROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE
  DILS, CURRON COMPOUNDS, AND OTHER CONSTBUDCTION MATERIALS

  F. PROHIBIT THE DISCHARGE OF FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION
  AND MAINTENANCE

## WATER CONSTRUCTION NOTES

- 1. WATER LINES SHALL NOT BE PLACED WITHIN 10 HORIZONTAL FEET OF EXISTING OR PROPOSED SANITARY DRAIN FIELDS
- ALL VALVES, BENDS, TEES, PLUGS, AND CAPS SHALL BE RESTRAINED WITH MECHANICAL RESTRAINING DEVICES IN ACCORDANCE WITH THE PROJECT MANUAL AND DETAILS. CONCRETE ANCHORS IN LIEU OF MECHANICAL RESTRAINTS, IF APPROVED BY THE OWNER, SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL AND DETAILS.
- WHEN LOCATED IN A VDOT RIGHT-OF-WAY, VALVE BOXES SHALL BE BURIED 2" BELOW GRADE WHEN IN THE SHOULDER, AND FLUSH WITH PAVEMENT IF LOCATED IN THE PAVEMENT. FIRE HYDRANTS SHALL BER LOCATED BEHIND THE DITCH LINE AND WATER MAINS SHALL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE PLANS.
- 4. ALL UTILITY CROSSINGS SHALL BE POTHOLED AHEAD OF CONSTRUCTION TO VERIFY CROSSING ELEVATIONS.
- 5. MINIMUM COVER ON ALL WATERLINES SHALL BE 36" LINLESS OTHERWISE SPECIFIED.
- 6. COMBINATION AIR VALVES SHOWN ON THE PLANS SHALL BE FIELD LOCATED AT THE HIGH POINT IN THE WATER MAIN.
- NO BLOW-OFF VALVE, AIR RELEASE VALVE, VACUUM BREAKER, OR OTHER FLUSHING DEVICE SHALL BE DIRECTLY CONNECTED TO ANY SANITARY SEWER OF STORM DRAIN SEWER.
- 8. ALL WATER LINES SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY STANDARDS. 9. ALL UTILITY CROSSINGS SHALL HAVE 18" MIN. SEPARATION OR CONTRACTOR SHALL UTILIZE WVWA STANDARD G-8 CONCRETE PIER DETAIL
- 10. WATER SERVICE AND METER REPLACEMENT SHOULD BE DISCUSSED PRIOR TO CONSTRUCTION, THE WVWA WILL INSTAL . WATES SENICE AND METER BERGAZEMENT SHOULD BE DISCUSSED PRICE TO CONSTRUCTION. THE WWW. WILL MISTALL NEW WATER SENIOR AND PRICE STREAM PROPERTY OF THE STREAM AND PROPERTY OF THE STRE
- 11. ALL WATER SERVICES SHALL BE BORED UNLESS OTHERWISE NOTED.
- 12. CONTRACTOR SHALL INSTALL 2\* SLEEVE AT LOCATIONS WHERE SERVICE LATERALS CROSS UNDER EXISTING RETAINING 13 ALL LIVE CONNECTIONS TO EXISTING WATERLINES SHALL BE PERFORMED BY THE WAYNA. THE CONTRACTOR SHALL
- . ALL LIVE CONNECTIONS TO EXISTING WATERINES SHALL BE PERFORMED BY THE WOWA. THE CC PROVIDE FULL STANIBLESS STEEL FAPPING SLEEVES) AND VALVE(S), THE CONTRACTOR SHALL EXCAVAT WATERLINE, SHORE THE TRENCH PER OSHA REQUIREMENTS, CLEAN THE EXISTING WATERLINE, TAPPING SLEEVE, AND VALVE PRIOR TO THE WOWAP REFORMING THE TAP. THE CONTRACTOR SHALL N INSPECTOR AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO REQUIRING THE CONNECTION.
- 14. UNDER CERTAIN CONDITIONS, WHEN CALLED FOR ON THE PLANS AND PROJECT MANUAL, CONTRACTOR SHALL CONNECT NEW WATER SERVICE LATERALS TO EXISTING SERVICE LATERAL AFTER CONTRACTOR GAINS APPROVAL FROM REQUIRED TESTING ON NEW WATERLINES WOORK TO BE COORDINATED WITH WWWAI.
- 15. CONTRACTOR SHALL COORDINATE ALL WATER ABANDONMENT AND SUBSEQUENT WATER OUTAGES WITH WVWA
- OUT OF SERVICE GATE VALVE BOXES & METER BOXES SHALL BE REMOVED A MINIMUM OF 1' BELOW GRADE & FILLED WITH STONE (WHEN IN THE ROADWAY) OR TOP SOIL (WHEN IN A YARD).
- 17. OUT OF SERVICE WATERLINES SHALL BE CAPPED ON BOTH ENDS.
- ALL WATER FACILITIES SHALL BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) DESIGN AND CONSTRUCTION STANDARDS (LATEST REVISION). 19. THE CONTRACTOR SHALL FLUSH AND DISINFECT IN ACCORDANCE WITH AWAYA SPECIFICATION C651, LATEST REVISION.
- 20. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VALUES AFTER PAYING AND ADJUSTMENT TO FINAL GRADE IF NECESSARY.
- 21. ANY FIRE HYDRANT TAKEN OUT OF SERVICE AND NOT REUSED SHALL BE PROPERTY OF THE WAWA. THE INSPECTOR SHALL CONTACT FIELD OPERATIONS AND COORDINATE FIELD OPERATIONS PICK UP OF THE HYDRANT.
- 22. CONTRACTOR SHALL CONFIRM EXISTING SERVICES/STRUCTURES MARKED FOR DEMOLITION ARE INACTIVE PRIOR TO DEMOLITION. OWNER WILL ASSIST CONTRACTOR WITH NOTIFICATION.



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ROAD AREA IMPROVEMENTS COMPASS COVE - BERNARD'S LANDING EXTENSION & PRV SITES

SCRUGGS F WINDMERE - CY WATER MAIN E PREPARED FOR WES' REVISIONS

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