

DAVIDSON PLACE
(PRIVATE STREET)
40' INGRESS-EGRESS ESM'T D.B. 1850 PG. 1138
6,150 ADT

SUDLEY ROAD

(R/W VARIES)
POSTED SPEED: 45 MPH, DESIGN SPEED: 45 MPH
URBAN MINOR ARTERIAL
22,000 ADT

VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL

| STD. & SPEC. | MEASURE | CALLOUT | SYMBOL | QUANTITY |
|--------------|-----------------------|---------|--------|----------|
| 3.01 | SAFETY FENCE | SAF | SAF | 975 LF |
| 3.02 | CONSTRUCTION ENTRANCE | CE | CE | 1 |
| 3.07 | INLET PROTECTION | IP | IP | 9 |
| 3.31 | TEMPORARY SEEDING | TS | TS | 1,330 SY |
| 3.05 | SILT FENCE | SF | SF | 421 LF |
| | LIMITS OF DISTURBANCE | LD | LD | 1.46 AC. |
| | DRAINAGE DITCH | | | |
| | FLOW ARROW | | | |

GENERAL CONSTRUCTION SEQUENCE

1. PRE-CONSTRUCTION MEETING REQUIRED.
2. COORDINATE REMOVAL OR RELOCATION OF UTILITY LINES WITH UTILITY PROVIDERS AND DEVELOPER.
3. INSTALL PERIMETER EROSION CONTROLS INCLUDING INLET PROTECTION, SILT FENCE, AND SAFETY FENCE. EXISTING ASPHALT TO BE USED FOR CONSTRUCTION ENTRANCE UNTIL THE PAVEMENT REQUIRES REMOVAL.
4. NOTIFY LOWES AND AVIATION INSTITUTE OF DAVIDSON PLACE CLOSURE TO PRIOR TO DEMOLITION ACTIVITIES.
5. SITE INSPECTOR APPROVAL REQUIRED FOR E&S MEASURES AFTER INSTALLATION AND PRIOR TO SITE CLEARING.
6. BEGIN DEMOLITION OF EXISTING PARKING FIELD ASPHALT AND CURBING WITHIN THE LIMITS OF THE WAWA SITE. DAVIDSON PLACE IS TO REMAIN OPERATIONAL TO THE SURROUNDING BUSINESSES DURING CONSTRUCTION OF THE WAWA. CLOSE DAVIDSON PLACE ONLY WHEN NECESSARY FOR PAVEMENT AND UTILITY WORK. IMMEDIATELY REOPEN FOR ACCESS.
7. BEGIN GRADING AND EARTHWORK OPERATIONS ON-SITE, AND START BUILDING CONSTRUCTION. PROVIDE TEMPORARY SEEDING FOR ALL DENUDED AREAS. INSTALL STORM DRAINAGE SYSTEM WITH INLET PROTECTION. THE TRENCH DRAIN IS TO BE PLUGGED AND UPON UPSTREAM STABILIZATION THE CONTRACTOR IS TO CLEAN OUT THE TRENCH DRAIN AND REMOVE THE PLUG. INSTALL FUEL TANKS AND UNDERGROUND UTILITIES, INCLUDING WATER AND SANITARY SEWER LINES. CONTRACTOR TO COORDINATE WITH PRINCE WILLIAM COUNTY SERVICE AUTHORITY INSPECTOR.
8. COMPLETE ROUGH GRADING OPERATIONS. INSTALL REMAINING CURBING, SIDEWALK, AND PLACE BASE STONE.
9. COMPLETE GRADING, PAVING, AND CURB AND GUTTER IMPROVEMENTS IN COORDINATION WITH PRINCE WILLIAM COUNTY, AND THE DEVELOPER. REPLACE CONCRETE SIDEWALK AND PEDESTRIAN RAMPS WHERE DISTURBED.
10. REPLACE EXISTING PAVEMENT TO LIMITS SHOWN ON SITE PLAN.
11. INSTALL IRRIGATION SYSTEM, SOD, AND LANDSCAPING. PLACE PAVEMENT MARKINGS AND INSTALL SIGNAGE.
12. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. DO NOT REMOVE EROSION CONTROL MEASURES UNTIL THE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED AND ADEQUATE VEGETATION HAS BEEN ESTABLISHED. REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURE SHALL NOT OCCUR UNTIL AUTHORIZED BY THE EROSION CONTROL INSPECTOR.

NOTES:

1. THE WASH RACK WATER SOURCE IS THE EXISTING FIRE HYDRANT LOCATED SOUTHEAST OF THE CONSTRUCTION ENTRANCE.
2. REFER TO SHEET ##### FOR PRE-DEVELOPMENT STORM RUNOFF PEAK FLOWS.
3. THE SAFETY FENCE SHOWN IS INTENDED TO BE INSTALLED AT THE LIMITS OF DISTURBANCE AND IS OFFSET FOR CLARITY.
4. CONTRACTOR TO PROVIDE MEANS OF DUST CONTROL IN ACCORDANCE WITH VESCH STD. 3.39.
5. SILT FENCE CANNOT BE USED AS A TREE PROTECTION FENCE. CONTRACTOR MAY USE TREE PROTECTION FENCE OR SUPER SILT FENCE SEE SHEET C-141 FOR DETAILS.
6. CONTRACTOR IS TO IMPLEMENT GUTTER BUDDIES AS THE FORM OF INLET PROTECTION ON AND AROUND THE SITE.

Kimley»Horn
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COMMONWEALTH OF VIRGINIA
ROSS STEVENS
Lic. No. 047498
PROFESSIONAL ENGINEER

KHA PROJECT: 110499001
DATE: 02/06/2019
SCALE: AS SHOWN
DESIGNED BY: CAH
DRAWN BY: CAH
CHECKED BY: RSS

EROSION AND SEDIMENT CONTROL PHASE 1

WAWA - SUDLEY ROAD
PREPARED FOR FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY VA

SHEET NUMBER C-130

