

STORM SEWER SCHEDULE

- DI-7 TOP ON 4'Ø MH EXTENDED BASE TOP=1024.00
- | TOP=1024.00 (2)0° IN (N=1022.5 (1)3° IN (N=1020.0 of visit) = 1018.67 (2)1° IN (N=1020.0 of visit) = 1018.67 (2) 1° IN (N=1020.0 of visit) = 1018.67 (2) 1° IN (N=1020.0 of visit) = 1018.67 (3) 2° IN (N=1020.1 of visit) = 1018.67 (3) 2° IN (N=1020.1 of visit) = 1028.67 (3) 2° IN (N=1020.1 of visit) = 1028.67 (3) 2° IN (N=1020.1 of visit) = 1028.67 (3) 2° IN (N=1020.1 of visit) = 1028.10 (3) 2° IN (N=1020.1 of visit) = 1028.10
- 4 18" 6 NYOPLAST DRAIN BASIN
 SOLID 2'x2' H-20 RATED TOP=1029.30
 8"HDPE INV. IN=1027.00
 8"HDPE INV. OUT (to #3)=1024.98
- (\$) 24"ø NYOPLAST DRAIN BASIN STD. GRATE TOP=1035.00 8"HDPE INV. OUT (to #4)=1027.15
- 6 12LF TRENCH DRAIN 8" HDPE INV. IN=1023.63 10" INV. OUT=1023.50
- 18" NYOPLAST DRAIN BASIN SOLID 18" TOP=1026.00 8"HDPE INV. IN=1024.00 8"HDPE INV. OUT (to #6)=1023.95
- (8) 18"¢ NYOPLAST DRAIN BASIN SOLID 18" TOP=1029,50 8"HDPE INV. IN=1028.00 8"HDPE INV. OUT (to #7)=1027.95
- 9 18"ø NYOPLAST DRAIN BASIN STD. GRATE 18" TOP=1035.0 8"HDPE INV. OUT (to #8)=1031.38

NOTE: REFER TO CALCULATIONS AND NYOPLAST DRAIN BASIN DESIGN DATA FOR DRAIN BASIN

GRADING & CONSTRUCTION NOTES . SLOPES STEEPER THAN 2 TO 1 (HORIZONTAL TO VERTICAL) SHALL BE BENCHED OR STEPPED PRIOR TO PLACING FILL ON THEM.

- 2. ON-SITE FILL MATERIAL OR BORROW FILL MATERIAL MAY BE UTILIZED.
 FILL MATERIAL SOLIS, IN GENERAL:
 A. SHALL BE COMPACTABLE
 B. SHALL BE WITHIN AN ACCEPTABLE RANGE OF MOSTURE CONTENT
 WHICH IS READLY CONTROLLED
 C. SHALL NOT BE HIGHEY SUSCEPTIBLE TO VOLUME CHANGE
 (SHENNAGE OR SWELL) OR STETLMENT
- 3. FILL MATERIALS CONTAINING ROCKS LARGER THAN SIX (6) INCHES (15.2 CM) SHALL NOT BE USED. THE UPPERMOST TWO (2) FEET (61 CM) SHALL NOT HAVE ANY ROCK LARGER THAN TWO (2) INCHES (5.1 CM) IN INJUNETED

- REQUIREMENTS SHALL BE REWORKED AND/OR RE REQUIRED DEGREE OF COMPACTION IS ACHIEVED.
- ALL DISTURBED AREAS SHALL BE COVERED WITH FOUR (4) INCHES OF TOPSOIL AND SEEDED.
- 8. THE MINIMUM SLOPE OF THE BASIN FLOOR SHALL BE ONE (1) PERCENT GRADED TO DRAIN TO THE PRINCIPAL SPILLWAY.
- NO CONSTRUCTION/FIELD CHANGES ARE ALLOWED WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER AND ROANOKE CITY.
- 11. WORK IN RIGHT OF WAY AREAS SHALL BE PERFORMED IN ACCORDANCE CITY OF ROANGKE RIGHT OF WAY EXCAVATION AND RESTORATION

Planning, Building, & Developmen COMPREHENSIVE DEVELOPMENT PLAN

> FIELD REVISION APPROVED

Lic. No. 032949 6-27-19

Revisions By | Date

INTEGRITY ENGINEERING

PLAN

CONTROL

SITE REDEVELOPMENT CENTRE AVE. ROANOKE, **LOUDON PROPERTIES**

GRADING & EROSION & SEDIMENT Scale: Date: 3/14/19 Design By: SCG CAD By: SCG Checked By:

18003

Sheet No.