

36 LF OF 6" SCH-40 PVC AT 1.17% INV. OUT=915.00 INTO GRATE INLET

UNDERGROUND ROOF LEADER TRUNK LINE 232 LF OF 12" SCH-40 PVC AT 1.25% INV. IN=916.7 INV. OUT=913.8 INTO EX. MH STR. I

> E.J.I.W. 12" CAST IRON GRATE (ALL TOPS SHALL BE H20 LOADING MIN.) TOP (4): 919.2 - (A.D.A. COMPLIANT) (4): 12" SCH. 40 RISER STRUCTURE

/4\ VDOT ST'D MH-2 MANHOLE (5' DIA.) TOP:917.7 INV. IN/OUT=907.72

VDOT ST'D MH-2 MANHOLE TOP:917.7 INV. IN/OUT=907.92

TOP=917.33' W INV. IN=911.18' S INV. IN=910.68 N INV. OUT=910.41'

(S5) ex. sanitary sewer mh TOP=917.96' S INV. IN=913.1" N INV. OUT=912.2'

(C) ex. STORM MANHOLE (approx. location— paved over)

ex. top= not accessible

INV. IN=911.44' (15" RCP) CL INV.=907.38' (from records) (D) ex. storm manhole ex. top=918.67' NEW TOP=919.50' (LID TO BE REPLACED W/WATER

TIGHT BOLTED MH FRAME &

30" INV. IN=908.12' 42" INV. OUT=908.12" (E) ex. STORM MANHOLE (approx. location- paved over) ex. top=not accessible INV. IN=912.14'(15" RCP)

CL INV.=907.41'

(from records)

(/) ex. storm mh ex. top=920' NEW TOP=919.7' 30" INV. IN=909.25" 30" INV. OUT=909.2' NEW 12" INV. In =913.8

 Ø ex. di−3b curb inlet (6' throat) TOP=918.61' INV. IN=913.16' INV. OUT=913.06' (k) ex. storm mh

TOP=918.19' N INV. IN=913.39' CL INV. =908.79'

@ ex. di-3b curb inlet (8' throat) TOP=917.66' INV.=913.09'

P ex. di-3b curb inlet (8' throat) TOP=918.50' INV.=914.80' @ ex. di-3b curb inlet (8' throat)

TOP=917.95' INV.=909.15' 5. CUT SURFACE UNDER PAVEMENTS TO COMPLY WITH CROSS SECTIONS, ELEVATIONS, AND GRADES AS INDICATED.

6. EXCAVATE TRENCHES TO UNIFORM WIDTH CONFORMING TO VDOT STANDARD PB-1 FOR STORM DRAINAGE PIPING.

7. PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRIMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS. CONVEY WATER WHEN ATMOSPHERIC TEMPERATURE IS LESS THEN 35°F (1°C).

8. PROTECT EXCAVATED BOTTOMS OF ALL FOOTINGS AND TRENCHES AGAINST FREEZING WHEN ATMOSPHERIC TEMPERATURE IS LESS THEN 35°F (1°).

9. BACKFILLING SHALL BE A SUITABLE MATERIAL THAT IS CAPABLE ACHIEVING THE REQUIRED COMPACTIONS INDICATED ON THE DETAILS PAGE.

10. FINISH LAWN AREAS TO WITHIN ONE INCH ABOVE OR BELOW REQUIRED SUBGRADE ELEVATIONS. SHAPE SURFACE UNDER WALKS AND PAVEMENTS TO LINE, GRADE, AND CROSS SECTION, WITH NOT MORE THAN 1/2" ABOVE OR BELOW REQUIRED SUBGRADE ELEVATION.

11. GRADE SURFACE UNDER BUILDING SLABS SMOOTH AND EVEN, FREE OF VOIDS. PROVIDE FINAL GRADES WITHIN 1/2" OF THOSE INDICATED WHEN TESTED WITH A 10' STRAIGHT EDGE.

12. PROTECT GRADED AREAS FROM TRAFFIC AND EROSION. REPAIR AREAS WHICH HAVE SETTLED, ERODED, OR BECOME DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.

13. PREPARE AREA FOR SEEDING BY SPREADING TOPSOIL TO A DEPTH OF 4" OVER ALL DISTURBED AREAS NOT RECEIVING WALKS, PAVEMENT, WALLS OR BUILDING, INCLUDING TRENCHES. IMMEDIATELY FOLLOWING PLACEMENT OF TOPSOIL, DISK THE ENTIRE TOPSOILED AREA AND RAKE FREE OF STONES AND DEBRIS OVER 1/2" IN ANY DIMENSION. PROVIDE A FINISHED SURFACE FREE OF DEPRESSIONS OR HIGH SPOTS.

RADING C

1/16/2015 1"=20'

SCALE **REVISIONS:** 

2/6/2015 3/4/2015 3/30/2015 4/3/2015

> APPROVED APR 17 7715

SHEET NO.

JOB NO. R1400077.00