

HUGHES ASSOCIATES ARCHITECTS
 Architects • Planning • Consulting

666 ELMA VENUE, S.W.
 P.O. BOX 1034
 ROANOKE, VIRGINIA 24005-1034

TEL (540) 422-4002
 FAX (540) 422-2060
 www.HughesArchitects.com

ADDITION AND RENOVATIONS FOR COVENANT PRESBYTERIAN CHURCH
 1851 DEYERLE ROAD, ROANOKE, VA

GRADING, DRAINAGE, EROSION CONTROL PLAN

COMMONWEALTH OF VIRGINIA
 JEFFREY D. KRAJNICK
 ARCHITECT
 COMMISSION No. 03023
 SHEET 6-P-3

ROOF LEADER & ROOF DRAIN NOTES

DOWNSPOUTS NOT SHOWN, REFER TO ARCHITECTURAL AND PLUMBING PLANS
 ROOF DRAINS SHALL CONNECT TO DOWNSPOUTS WITH DOWNSPOUT ADAPTERS, FERNCO COUPLERS OR AN APPROVED EQUIVALENT.
 CONNECTIONS FROM ROOF DRAINS TO THE ROOF LEADERS SHALL BE MADE WITH FABRICATED WYES OR BENDS. PIPING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 CLEANOUTS FOR ROOF LEADERS, TO BE CUT OFF FLUSH WITH FINAL GRADE. ALL CLEANOUTS IN PAVEMENT TO BE BE EQUIPPED WITH A TRAFFIC BEARING CLEANOUT BOX

NOTES

ALL LAND DISTURBANCE ACTIVITY TO COMPLY WITH VIRGINIA EROSION AND SEDIMENT CONTROL LAWS & REGULATIONS.
 NO CONSTRUCTION OR FIELD CHANGES WITHOUT THE APPROVAL OF THE ARCHITECT OR ROANOKE CITY.

ROOF LEADER SCHEDULE

- (A) NEW CLEANOUT TOP 1078.50 INV 1075.50
- (A-B) 65'-6" SDR35 PVC @ 1.00%
- (B) CLEANOUT @ 45° BEND TOP 1078.60 INV 1074.85
- (B-C) 18'-6" SDR35 PVC @ 1.00%
- (C) CLEANOUT @ 45° BEND TOP 1079.00 INV 1074.67
- (C-D) 55'-6" SDR35 PVC @ 1.00%
- (D) CLEANOUT @ 45° BEND TOP 1079.00 INV 1074.12
- (D-E) 57'-6" SDR35 PVC @ 1.00%
- (E) CLEANOUT @ 45° BEND TOP 1079.80 INV 1073.55
- (E-F) 58'-8" SDR35 PVC @ 1.00%
- (F) CLEANOUT @ 45° BEND TOP 1079.40 INV 1072.97
- (F-G) 32'-8" SDR35 PVC @ 1.00%
- (G) CLEANOUT @ 45° BEND TOP 1079.40 INV 1072.65
- (G-H) 42'-8" SDR35 PVC @ 1.00%
- (H) CLEANOUT @ 45° BEND TOP 1079.35 INV 1072.23
- (H-I) 16'-8" SDR35 PVC @ 35.19%
- (I) CLEANOUT @ WYE TOP 1078.00 INV 1066.60
- (J) NEW CLEANOUT TOP 1078.00 INV 1074.00
- (J-K) 16'-6" SDR35 PVC @ 43.75%
- (K) CLEANOUT @ 45° BEND TOP 1077.50 INV 1067.00
- (K-L) 40'-6" SDR35 PVC @ 1.00% (PROVIDE 4"x6" WYE FOR NEW FLOOR DRAIN IN THE WALK, SEE PLAN)
- (I-L) 65'-8" SDR35 PVC @ 1.60%
- (L) CLEANOUT @ 45° BEND TOP 1072.00 INV 1065.56
- (L-M) 84'-8" SDR35 PVC @ 1.60%
- (M) CLEANOUT @ 11.5° BEND TOP 1069.20 INV 1064.22
- (M-N) 173'-8" SDR35 PVC @ 1.60%
- (N) CONCRETE ENDWALL OUTFALL TO POND INV 1061.45

THE SITE IS FULLY RAVED, THEREFORE, A CONSTRUCTION ENTRANCE IS NOT REQUIRED, BUT IF TRACKING DOES OCCUR THEN A CONSTRUCTION ENTRANCE WILL BE IMPLEMENTED.

