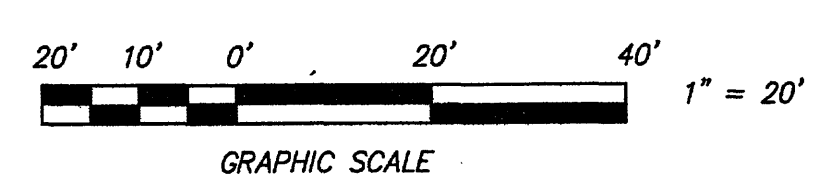


SOIL EROSION CONTROL MEASURES

- CE CONSTRUCTION ENTRANCE**
FOR THE INITIAL SITEWORK, THE CONTRACTOR SHALL ACCESS THE SITE VIA THE PAVED STREET BISECTING THE SITE (FORMER OLIVER AVE). ONCE THE MAJORITY OF THE PAVING IS STRIPPED, AND CONSTRUCTION ACCESS CAN ENTER THE SITE DIRECTLY FROM 4TH STREET, A STONE CONSTRUCTION ENTRANCE SHALL BE PROVIDED OFF OF EXISTING PAVEMENT (SEE PLAN). THESE ENTRANCES SHALL BE MAINTAINED SUCH THAT TRACKING OF MUD AND DIRT ONTO THE PAVED SURFACE IS HELD AT AN ABSOLUTE MINIMUM.
- DD TEMPORARY DIVERSION DIKES**
THE CONTRACTOR SHALL INSTALL NEW TEMPORARY DIVERSION DIKES AT THE LOCATIONS OF THE NEW CURBING IN THE PARKING LOT TO ENSURE THAT FLOW AREAS TO INLETS DURING CONSTRUCTION APPROXIMATE FLOW AREAS OF COMPLETED CONSTRUCTION. DIVERSION DIKES SHALL BE PROVIDED ALONG THE SOUTHERN EDGE OF THE SITE TO ENSURE THAT ALL RUNOFF FROM CONSTRUCTION AREAS DRAINS TO THE INTENDED AREA OF PROTECTION. WHERE NEW INLET STRUCTURES ARE LOCATED IN A CUT SECTION THAT WILL RESULT IN AN UNDISTURBED BACK-UP BERM OF 18" OR GREATER HEIGHT, A DIVERSION DIKE WILL NOT BE REQUIRED.
- IP INLET PROTECTION**
ALL NEW AND EXISTING INLET STRUCTURES SHALL RECEIVE INLET PROTECTIVE MEASURES TO MINIMIZE INFILTRATION OF SEDIMENT INTO THE STORM DRAIN SYSTEM, AND ULTIMATELY THE RECEIVING CHANNELS.
- PS PERMANENT SEEDING**
ALL DENUDED AREAS NOT TO RECEIVE HARD SURFACING SHALL BE PERMANENTLY SEEDING WITHIN SEVEN DAYS OF FINAL GRADING OPERATIONS.
ALL SLOPES STEEPER THAN 3H:1V SHALL RECEIVE TYPE B SEEDING MIXTURE (LOW MAINTENANCE), AS SPECIFIED WITHIN THESE PLANS.
SEE "PERMANENT SEEDING" REQUIREMENTS, SHEET C-08 FOR COORDINATION OF SEEDING AREAS AND MIXTURES WITH THE LANDSCAPING PLANS PREPARED BY OTHERS.
- RR RIP-RAP**
AS REQUIRED HEREON, THE CONTRACTOR SHALL PROVIDE AND INSTALL VDOT STD. CLASS I DRY RIP-RAP AND UNDERLAYMENT FABRIC. RIP-RAP SHALL BE INSTALLED A MINIMUM OF 24" THICK, WHERE RIP-RAP IS TO BE PLACED AT CURB CUTS, THE TOP OF STONE SHALL BE INSTALLED LEVEL WITH ADJOINING PAVEMENT, SUCH THAT FLOW VELOCITIES OF RUNOFF LEAVING PAVEMENT ARE REDUCED. RIP-RAP SHALL REMAIN IN PLACE UNTIL SUCH TIME THAT THE PARKING LOT EXPANSION IS PERFORMED.
- SF SILT FENCE BARRIER**
A SILT FENCE BARRIER SHALL BE PLACED BELOW ALL DENUDED AREAS AS SHOWN ON THE EROSION CONTROL PLAN(S). THIS BARRIER SHALL BE INSPECTED AFTER EACH RUNOFF PRODUCING RAINFALL, AND SHALL BE CLEANED, REPAIRED, OR REPLACED AS REQUIRED.
- TS TOPSOILING**
ALL DENUDED AREAS NOT TO RECEIVE HARD SURFACING SHALL RECEIVE TOPSOIL PRIOR TO APPLICATION OF SEEDING MEASURES. THE TOPSOIL STRIPPED FROM THE SITE MAY BE EITHER STOCKPILED ON-SITE OR STORED TEMPORARILY OFF-SITE. STOCKPILES SHALL BE PROTECTED BY PERIMETER SILT FENCE, AND SHALL BE TEMPORARILY SEEDING IN ACCORDANCE WITH THESE PLANS AND THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. UPON REACHING SUBGRADE ELEVATIONS, THE CONTRACTOR SHALL SCARIFY SUBGRADE SOILS, AND SHALL SPREAD A MINIMUM OF SIX INCHES (6") OF TOPSOIL ON AREAS TO BE SEEDING OR LANDSCAPED.
- TS TEMPORARY SEEDING**
TEMPORARY SEEDING SHALL BE PROVIDED ON DISTURBED AREAS AS REQUIRED BY THE TEMPORARY SEEDING SECTION OF SHEET C-08.

FUEL STORAGE CONTAINMENT NOTES
IN THE EVENT THAT THE GENERAL CONTRACTOR, OR A SUB-CONTRACTOR REQUIRES ON-SITE FUEL STORAGE FOR EQUIPMENT FUELING, A CONTAINMENT DIKE SHALL BE PROVIDED AROUND THE FULL PERIMETER OF THE FUEL STORAGE AREA. THIS CONTAINMENT DIKE SHALL CONSIST OF A COMPACTED EARTHEN BERM NO LESS THAN 24" IN HEIGHT, WITH MAXIMUM 3H:1V SIDE SLOPES, AND A TOP WIDTH OF NO LESS THAN THREE FEET. ADDITIONALLY, THE CONTRACTOR SHALL HAVE A POLLUTANT SPILL CONTAINMENT CONTINGENCY PLAN FILED WITH THE GENERAL CONTRACTOR, AND APPROVED SPILL ABSORPTION MATERIALS IMMEDIATELY ADJACENT TO THE FUELING AREA. THE LOCATIONS OF THE TANK SHOWN HEREIN SHALL BE GENERALLY ADHERED TO, WITH THE TANK BEING A MINIMUM OF 200' FROM A LIVE STREAM.

SEE SHEET C-05 FOR STORM DRAIN AND ROOF COLLECTOR INFORMATION
SEE SHEET C-08 FOR EROSION CONTROL DETAILS, NARRATIVE, AND DRAINAGE DIVIDES
SEE SHEET C-01 FOR VSMP REQUIREMENTS



TBM TEMPORARY BENCHMARK:
ARROWHEAD ON TOP OF FIRE HYDRANT
LOCATED ON THE WESTERN SIDE OF 4TH STREET, NEAR THE MAIN ENTRANCE TO "MEMBER ONE BRANCH BANK".
ELEVATION = 950.35 (DATUM OF NAD 88)

BENCHMARK:
ARROWHEAD ON TOP OF FIRE HYDRANT
LOCATED AT THE NORTHWESTERN CORNER OF THE INTERSECTION OF 4TH STREET AND CHEVANDONAH AVENUE.
ELEVATION = 939.72 (DATUM OF NAD 88)

Designed: C.L. White	 CALDWELL WHITE ASSOCIATES ENGINEERS / SURVEYORS / PLANNERS 4205 MELROSE AVENUE P.O. BOX 8500 ROANOKE, VIRGINIA 24017-0880 (540) 388-3400 FAX: (540) 388-8708
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SOIL EROSION AND SEDIMENTATION CONTROL PLAN
 AND STORMWATER POLLUTION PREVENTION PLAN
 NEW CORPORATE OFFICES
 MEMBER ONE FEDERAL CREDIT UNION
 SITUATE 202 4TH STREET, NE
 CITY OF ROANOKE, VIRGINIA

New Construction for
 Member One
 FEDERAL CREDIT UNION
 Roanoke, Virginia

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	4 of 12 Sheets