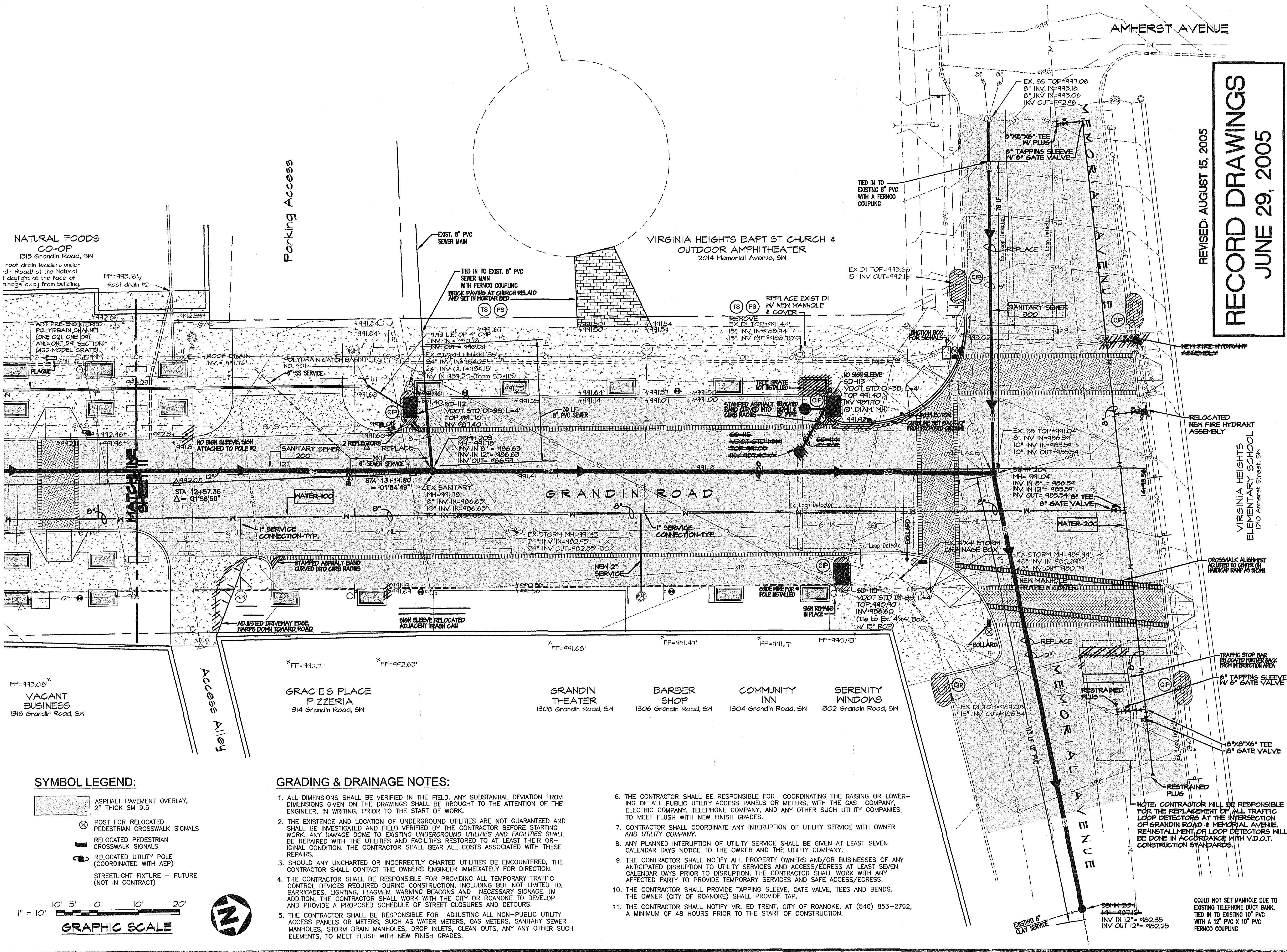




REVISED: AUGUST 15, 2005

RECORD DRAWINGS JUNE 29, 2005

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LMW P.C.

Engineering
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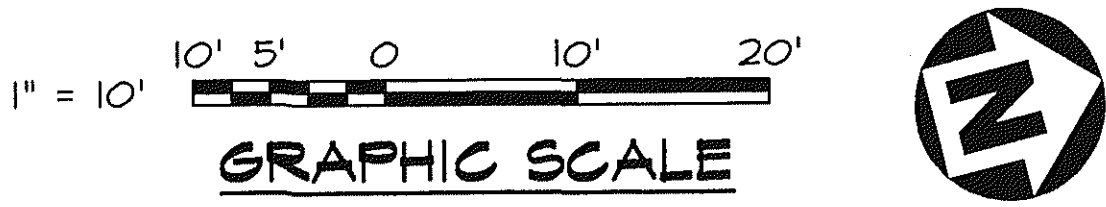
GRANDIN ROAD STREETSCAPE City of Roanoke, Virginia

NO.	DATE	DESCRIPTION	BY

COMMONWEALTH OF VIRGINIA
RICHARD C. WHITE
NO. 020021
PROFESSIONAL ENGINEER

Designed By	MAB
Drawn By	MAB
Checked By	RCW
Approved By	RCW
Submitted By	RCW
Drawing	C-8
Date	02/22/04
Scale	1"=10'-0"
Commission No.	2682
Sheet	12 of 21

- SYMBOL LEGEND:**
- ASPHALT PAVEMENT OVERLAY, 2" THICK SM 9.5
 - POST FOR RELOCATED PEDESTRIAN CROSSWALK SIGNALS
 - RELOCATED PEDESTRIAN CROSSWALK SIGNALS
 - RELOCATED UTILITY POLE (COORDINATED WITH AEP)
 - STREETLIGHT FIXTURE - FUTURE (NOT IN CONTRACT)



- GRADING & DRAINAGE NOTES:**
- ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ANY SUBSTANTIAL DEVIATION FROM DIMENSIONS GIVEN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, IN WRITING, PRIOR TO THE START OF WORK.
 - THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. ANY DAMAGE DONE TO EXISTING UNDERGROUND UTILITIES AND FACILITIES SHALL BE REPAIRED WITH THE UTILITIES AND FACILITIES RESTORED TO AT LEAST THEIR ORIGINAL CONDITION. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THESE REPAIRS.
 - SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER'S ENGINEER IMMEDIATELY FOR DIRECTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, BARRICADES, LIGHTING, FLAGMEN, WARNING BEACONS AND NECESSARY SIGNAGE. IN ADDITION, THE CONTRACTOR SHALL WORK WITH THE CITY OF ROANOKE TO DEVELOP AND PROVIDE A PROPOSED SCHEDULE OF STREET CLOSURES AND DETOURS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL NON-PUBLIC UTILITY ACCESS PANELS OR METERS, SUCH AS WATER METERS, GAS METERS, SANITARY SEWER MANHOLES, STORM DRAIN MANHOLES, DROP INLETS, CLEAN OUTS, ANY ANY OTHER SUCH ELEMENTS, TO MEET FLUSH WITH NEW FINISH GRADES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RAISING OR LOWERING OF ALL PUBLIC UTILITY ACCESS PANELS OR METERS, WITH THE GAS COMPANY, ELECTRIC COMPANY, TELEPHONE COMPANY, AND ANY OTHER SUCH UTILITY COMPANIES, TO MEET FLUSH WITH NEW FINISH GRADES.
 - CONTRACTOR SHALL COORDINATE ANY INTERRUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
 - ANY PLANNED INTERRUPTION OF UTILITY SERVICE SHALL BE GIVEN AT LEAST SEVEN CALENDAR DAYS NOTICE TO THE OWNER AND THE UTILITY COMPANY.
 - THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS AND/OR BUSINESSES OF ANY ANTICIPATED DISRUPTION TO UTILITY SERVICES AND ACCESS/EGRESS AT LEAST SEVEN CALENDAR DAYS PRIOR TO DISRUPTION. THE CONTRACTOR SHALL WORK WITH ANY AFFECTED PARTY TO PROVIDE TEMPORARY SERVICES AND SAFE ACCESS/EGRESS.
 - THE CONTRACTOR SHALL PROVIDE TAPPING SLEEVE, GATE VALVE, TEES AND BENDS. THE OWNER (CITY OF ROANOKE) SHALL PROVIDE TAP.
 - THE CONTRACTOR SHALL NOTIFY MR. ED TRENT, CITY OF ROANOKE, AT (540) 853-2792, A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

NOTE: CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL TRAFFIC LOOP DETECTORS AT THE INTERSECTION OF GRANDIN ROAD & MEMORIAL AVENUE. RE-INSTALLMENT OF LOOP DETECTORS WILL BE DONE IN ACCORDANCE WITH V.D.O.T. CONSTRUCTION STANDARDS.

COULD NOT SET MANHOLE DUE TO EXISTING TELEPHONE DUCT BANK. TIED IN TO EXISTING 10" PVC WITH A 12" PVC X 10" PVC FERNCO COUPLING