-STORM DRAIN INLET PROTECTION-

3. BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER

a. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF 4", 8", AND 12" WIDE BLOCKS. THE MIN. HEIGHT SHALL BE 12", MAX. HEIGHT 24".

b. WIRE MESH OR HARDWARE CLOTH W/ 1/2" OPENINGS SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE BLOCKS, TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS.

c. STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BLOCK. NCDOT #5 WASHED STONE.

d. CHECK DEVICE AFTER EACH RAIN. REPLACE WASHED STONE IF IT CLOGS WITH SEDIMENT.

e. SCRAP 1"x4" BOARDS PLACED THROUGH THE HOLES OF CORNER BLOCKS PREVENTS COLLAPSE.

NOTES: Can handle heavy flows. Overflow capability prevents excessive ponding around the structure.

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STANDARD TEMPORARY SILT FENCE — STD. NO. 4.01

STANDARD RISER-BARREL SEDIMENT BASIN — STD. NO. 4.02

CONSTRUCTION ENTRANCE — STD. NO. 4.07

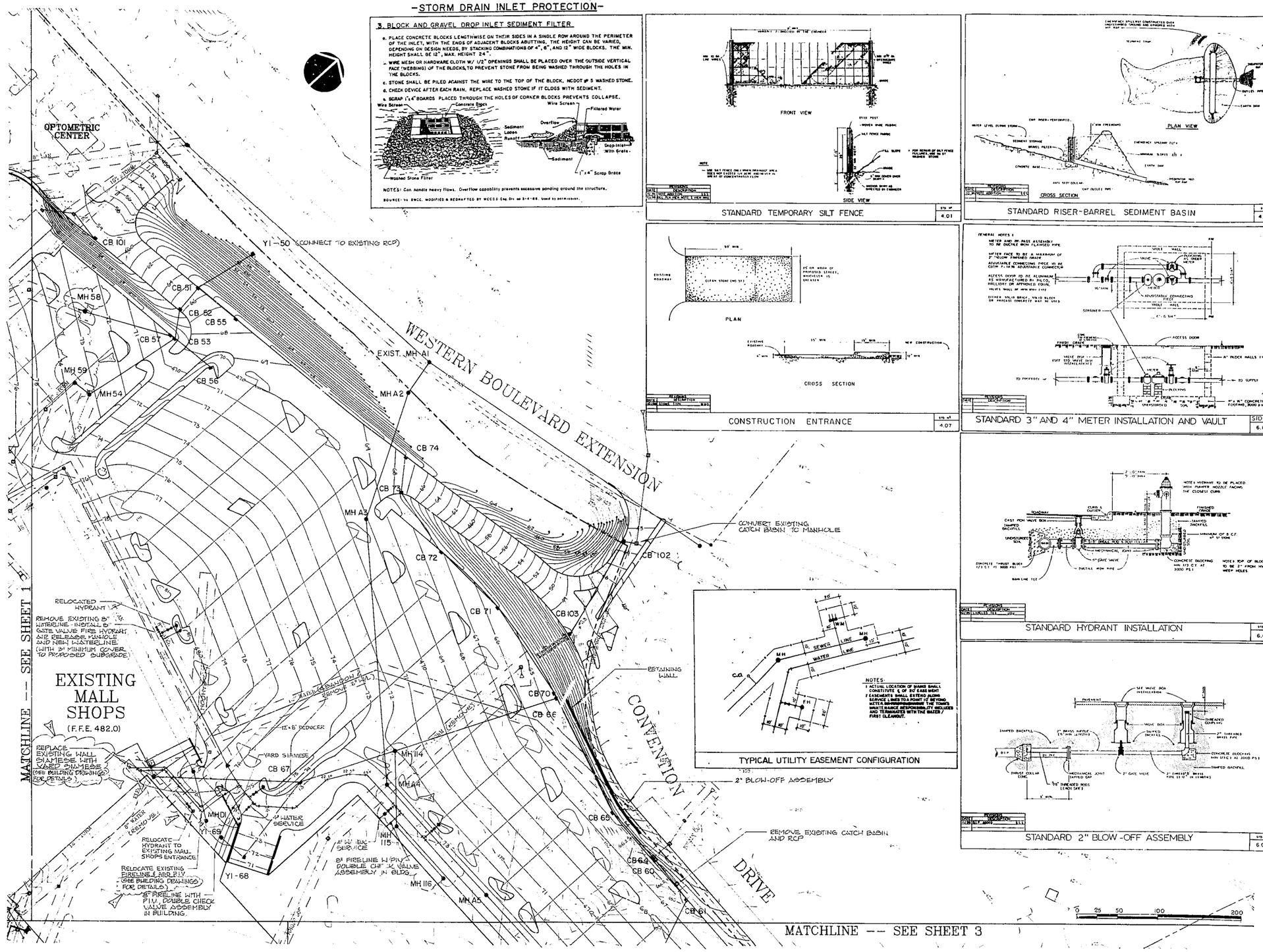
STANDARD 3" AND 4" METER INSTALLATION AND VAULT — STD. NO. 6.03

STANDARD HYDRANT INSTALLATION — STD. NO. 6.05

TYPICAL UTILITY EASEMENT CONFIGURATION

NOTES:
1. ACTUAL LOCATION OF MAINS SHALL CONSTITUTE ℄ OF 30' EASEMENT
2. EASEMENTS SHALL EXTEND ALONG SERVICE LINES TO A POINT 10' BEYOND THE METER LOCATION. THE CITY'S MAINTENANCE RESPONSIBILITY INCLUDES AND TERMINATES WITH THE METER / FIRST CLEANOUT.

STANDARD 2" BLOW-OFF ASSEMBLY — STD. NO. 6.04



Wm. G. Daniel & Assoc.
Engineering Planning
Landscape Architecture

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER 13039 MARK GLENN SMITH 3/6/90

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 361 GERALD ROY SMITH JR.

Revisions
1) MARCH 12, 1990 - MISC. NOTES, WATERLINE REVISIONS
2) MARCH 19, 1990 - T.O.C. FIRST REVIEW
3) APRIL 9, 1990 - ADDED STORM STRUCTURES MH 58, MH 59, YI-69, MH 114, MH 115, MH 116; ADDED SANITARY M-H-D1; REVISE FIRELINES; MINOR GRADE REVISIONS
4) APRIL 12, 1990 - REVISED EXISTING SIAMESE RELOCATION
5) APRIL 20, 1990 - REVISED EXISTING SIAMESE & EXIST. MH NOTES

NOT ISSUED FOR CONSTRUCTION

Project

CARY VILLAGE MALL

GRADING, UTILITIES, EROSION CONTROL

Date

March 1, 1990

Scale

1" = 50'

Sheet

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