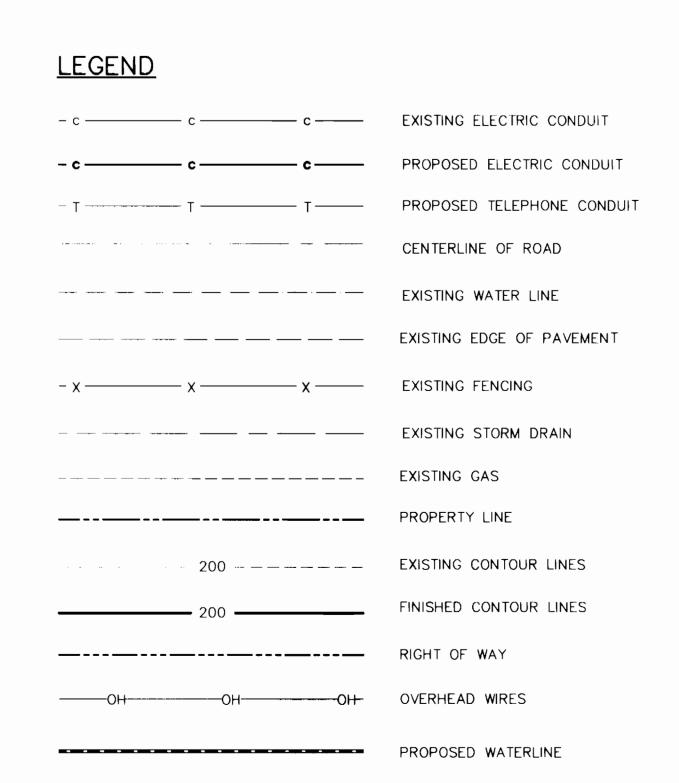
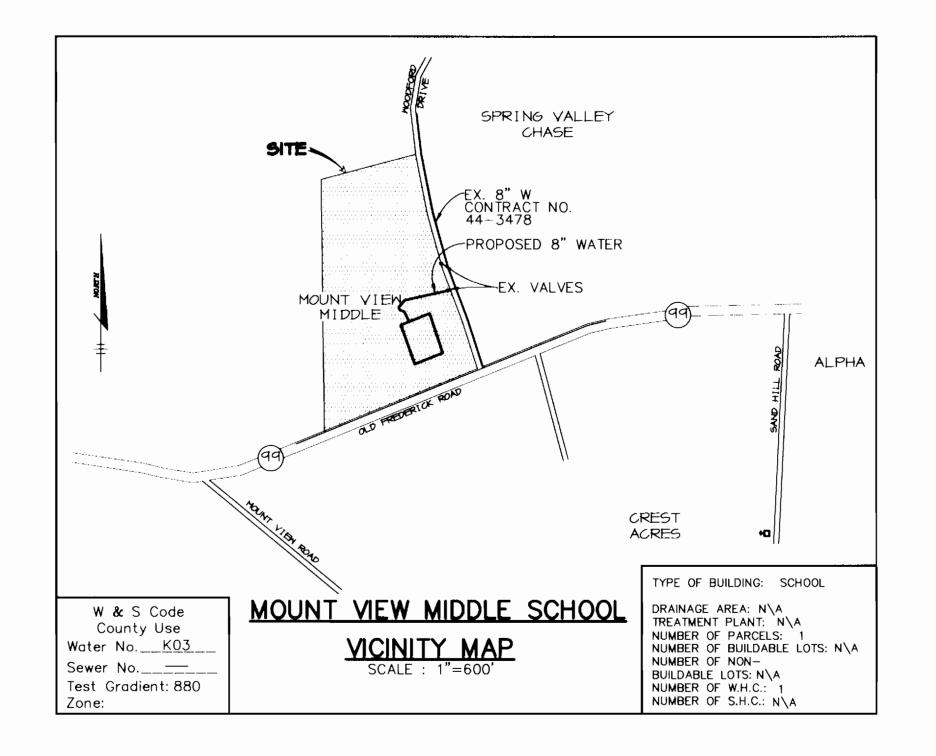
MOUNT VIEW MIDDLE SCHOOL WATER SERVICE CONNECTION PROJECT WATER CONTRACT NO. 44-3626-D





QUANTITIES 🖄								
	QUANTITIES ESTIMATED	AS-BUILT						
ITEMS		QUANTITIES	TYPE	MANUFACTURER / SUPPLIER				
8" PIPE	310 LF							
8" 1/32 BEND	1							
8"x6" TEE	1							
6"x3" TEE	1							
6" PIPE	225 LF							
6" VALVE	2							
6" 1/32 BEND	1							
6" 1/4 BEND	1							
3" PIPE	35 LF							
8"x6" REDUCER	1							
FIRE HYDRANT	1							
DOMESTIC WATER SERVICE METER ASSEMBLY	1							
FIRE SUPPLY ASSEMBLY	1							
NAME OF UTILITY CONTRACTO	R:	-						
Sediment control meas	CHECKBOX							
will be implemented in	AS-BUILT DATE							

LIST OF DRAWINGS

DWG. NO. DESCRIPTION TITLE SHEET PLAN & PROFILE SEDIMENT & EROSION CONTROL NOTES & DETAILS INTER CONNECTION DETAILS

BY THE DEVELOPER:

SURVEY AND DRAFTING DIVISION

Review for Howard Soil Conservation District and meets technical requirements.

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation Distripat

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

219 of the Specifications and as shown on

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

I/WE CERTIFY THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC QN-SITE INSPECTIONS BY THE HOWARD SOME ONSERVATION DISTRICT. - James

BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRATICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTICT.

SIGNATURE

6/3/97 DATE

GENERAL NOTES

- 1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's
- 2. All horizontal controls are based on NAD 83.
- 3. Vertical controls are based on U.S.G.S. data
- 4. All pipe elevations shown 🔾 are invert elevations.
- 5. Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The Owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the Contractor's work requires the bracing of additional poles, any cost incurred by the Owner for bracing of additional poles or damages shall be deducted from money owed the Contractor. The Contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings, and for materials required, refer to Specifications.
- 7. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the Contractor two weeks in advance of construction operations at his own expense.
- Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

State Highway Administration Baltimore Gas & Electric Co. Contractor Services Baltimore Gas & Electric Co. Underground Damage Control

Colonial Pipeline Co. Bureau of Utilities, Howard County Department of Public Works Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the Contractor.

- 10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
- 11. All water mains to be D.I.P. Class 52 unless otherwise noted.
- 12. All water mains to have a minimum of 3-1/2 cover unless otherwise
- Valves adjacent to tees shall be strapped to tees.
- 14. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- 15. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be considered in accordance with Section 1000 and 1005 of the Standard
- 16. The Contractor shall not operate any water main valves on the existing
- 17. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- 18. Contractor is solely responsible for construction means, methods, techniques, sequences, procedures, and safety precautions and programs.
- 19. Fire hydrants shall be installed as per standard detail W.1.11.
- 20. Fire hydrants will be located 3' FROM BACK OF CURB unless otherwise noted.
- 21. For sprinkler systems, all townhomes or multi-family dwelling units should have a minimum of 1" connection with a 3/4" meter.
- The Contractor shall notify the Bureau of Highways, Howard County, at (410) 313—7450 at least five (5) working days before any open cut of any County roads for laying water sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a) of the Howard County Code.
- 23. Sediment control to be provided on an as needed basis to be determined in the field by the Sediment Control Inspector. Trench length is limited to three (3) pipe length's at any one time, to be stabilized immediately.
- 24. Contractor to provide traffic control during construction in accordance with the Manual On Traffic Control Devices (Latest Edition). The Contractor shall phase the work so as to maintain at least one lane open for access to 'each school at all times.
- 25. Contractor to protect the existing trees or shrubs and replace any damaged
- 26. Trenching and backfilling shall be in accordance with Howard County standard detail G2.01.

RIEMER MUEGGE & ASSOCIATES, INC ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive • Suite 200 • Columbia, MD 21045 410-997-8900 FAX: 410-997-9282 97081/401M8/TITLESHT.DWG

DEVELOPED

FRANK DONALDSON #8146

/1\ | MANOR WOODS OMITTED FROM CONTRACT 5/6/97 REVISED QUANTITIES 5/30/9 DRN: E.L.R. CHK: G.C.L.)ATE: 4/29/9 DATE 600' SCALE MAP NO. 9 BY NO. REVISION

TITLE SHEET

BLOCK NO.

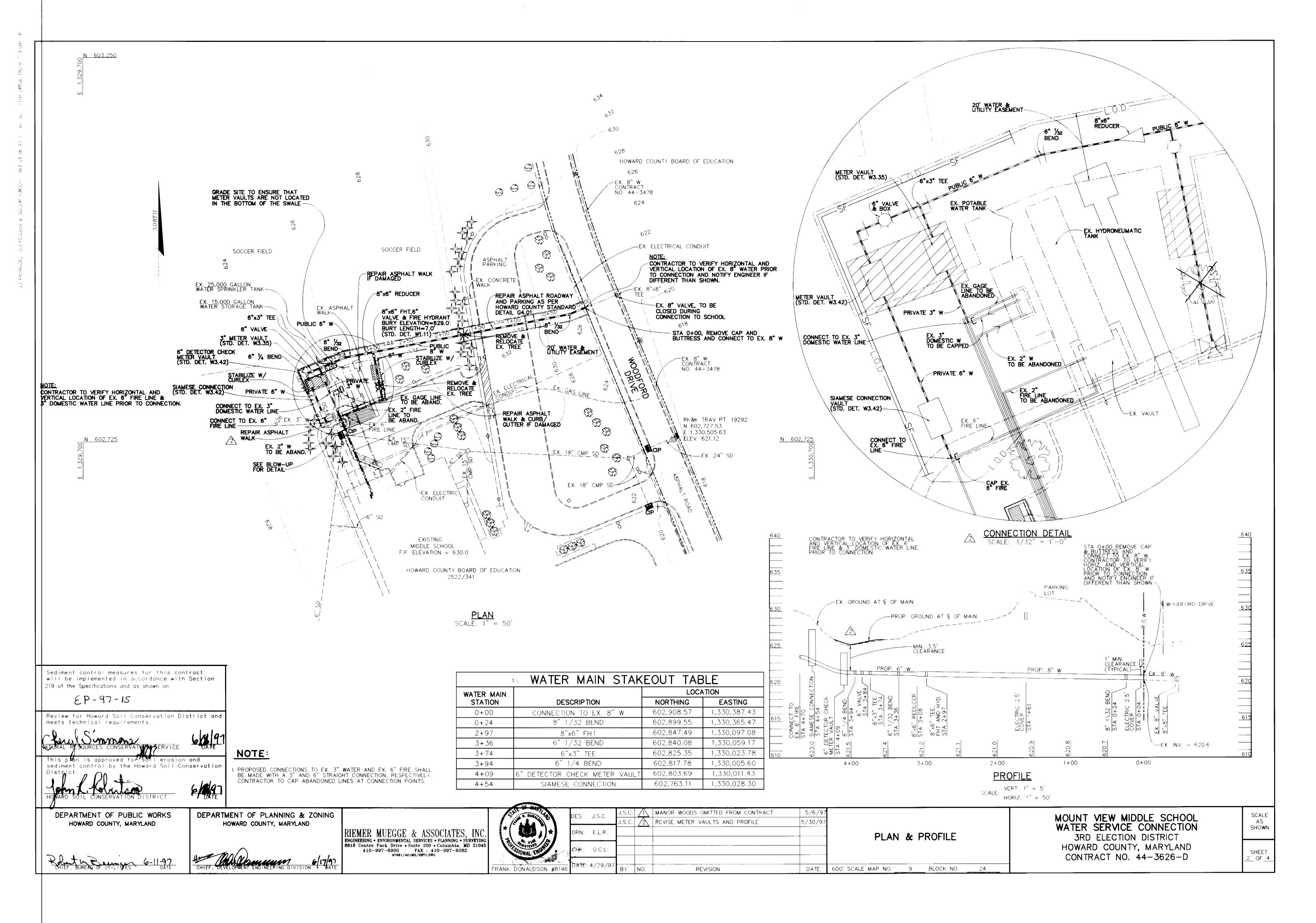
MOUNT VIEW MIDDLE SCHOOL WATER SERVICE CONNECTION 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3626-D

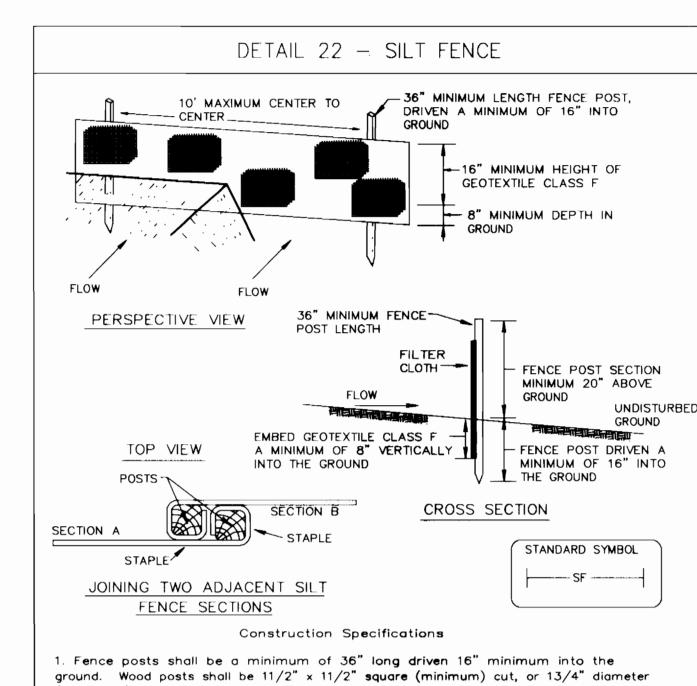
SHOWN SHEET

SCALE

AS

1 OF 4





(minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength 50 lbs/in (min.) Test: MSMT 509 20 lbs/in (min.) Test: MSMT 509 Tensile Modulus 0.3 gal ft 1/ minute (max.) Test: MSMT 322 Flow Rate Filtering Efficiency 75% (min.) Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE MARYLAND DEPARTMENT OF ENVIRONMENT PAGE SOIL CONSERVATION SERVICE WATER MANAGEMENT ADMINISTRATION E - 15 - 3

SILT FENCE

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length	
Flatter than 50:1	unlimited	unlimited	
50:1 to 10:1	125 feet	1,000 feet	
10:1 to 5:1	100 f ee t	750 feet	
5:1 to 3:1	60 feet	500 feet	
3:1 to 2:1	40 feet	250 feet	
2:1 and steeper	20 feet	125 feet	

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE E -- 15 -- 3A

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

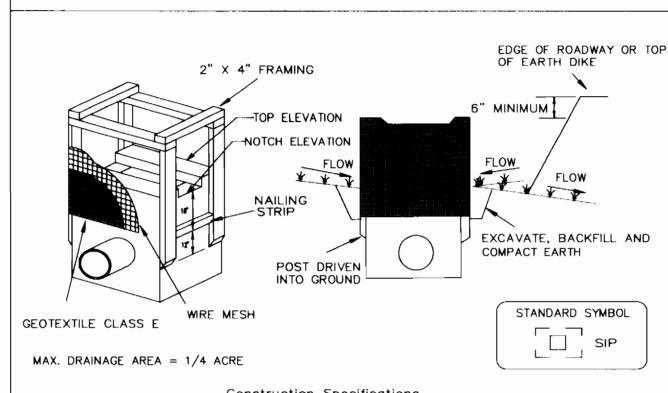
Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications and as shown on EP-97-15 Review for Howard Soil Conservation District and meets technical requirements. his plan is approved **W**or soil erosion and sediment control by the Howard Soil Conservation

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND



RIEMER MUEGGE & ASSOCIATES, INC



DETAIL 23A - STANDARD INLET PROTECTION

Construction Specifications

1. Excavate completely around the inlet to a depth of 18" below the

2. Drive the 2" x 4" construction grade lumber posts 1' into the ground at each corner of the inlet. Place nail strips between the posts on the ends of the inlet. Assemble the top portion of the 2" x 4" frame using the overlap joint shown on Detail 23A. The top of the frame (weir) must be 6" below adjacent roadways where flooding and safety issues may arise.

3. Stretch the 1/2" x 1/2" wire mesh tightly around the frame and fasten securely. The ends must meet and overlap at a

4. Stretch the Geotextile Class E tightly over the wire mesh with the geotixtile extending from the top of the frame to 18" below the inlet notch elevation. Fasten the geotextile firmly to the frame. The ends of the geotextile must meet at a post, be overlapped and folded, then fastened down.

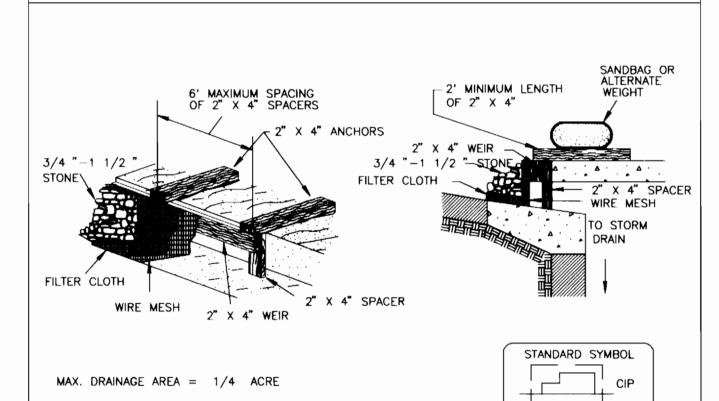
5. Backfill around the inlet in compacted 6" layers until the layer of earth is level with the notch elevation on the ends and top elevation on the sides.

6. If the inlet is not in a sump, construct a compacted earth dike across the ditch line directly below it. The top of the earth dike should be at least 6" higher than the top of the frame.

7. The structure must be inspected periodically and after each rain and the geotextile replaced when it becomes clogged.

U.S. DEPARTMENT OF AGRICULTURE MARYLAND DEPARTMENT OF ENVIRONMENT SOIL CONSERVATION SERVICE WATER MANAGEMENT ADMINISTRATION

DETAIL 23C - CURB INLET PROTECTION (COG OR COS INLETS)



Construction Specifications

1. Attach a continuous piece of wire mesh (30" minimum width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard

2. Place a continuous piece of Geotextile Class E the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" weir.

3. Securely nail the 2" X 4" weir to a 9" long vertical spacer to be located between the weir and the inlet face (max. 4' apart). 4. Place the assembly against the inlet throat and nail (minimum 2' lengths of

2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight. 5. The assembly shall be placed so that the end spacers are a minimum 1' beyond

6. Form the 1/2 " x 1/2 " wire mesh and the geotextile fabric to the concrete autter and against the face of the curb on both sides of the inlet. Place clean 3/4 " x 1 1/2" stone over the wire mesh and geotextile in such a manner to prevent water from entering the inlet under or around the geotextile.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

1\ | MANOR WOODS OMITTED FROM CONTRACT 5/6/97 ADD SIGNATURE BLOCK, REVISE SITE ANALYSIS 5/30/97 DRN: E.L.R. CHK: G.C.L. DATE: 4/29/9 **REVISION**

SEDIMENT AND EROSION CONTROL

TEMPORARY SEEDING NOTE

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed

<u>Seedbed Preparation</u>; <u>Loosen upper three inches of soil by raking,</u> discing or other acceptable means before seeding, if not previously

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushels per acre of annual rye (3.2 lbs. per 1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.07 lbs. per 1000 sq.ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs. per 1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after opplication using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gol. per acre (8 gal. per 1000 sq.ft.) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetotive cover is needed.

<u>Seedbed Preparation: Loosen upper three inches of soil by raking.</u>
discing or other acceptable means before seeding, if not previously

Soil Amendments: In lieu of soil test recommendations, use one of

- 1) Preferred Apply 2 tons per acre dolomitic limestone (92 lbs. per 1000 sq.ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs. per 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs. per 1000 sa.ft.).
- Acceptable Apply 2 tons per acre dolomitic limestone (92 lbs. per 1000 sq.ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs. per 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the period March 1 thru April 30 and from August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs. per 1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (0.05 lbs. per 1000 sq.ft.) of weeping lovegrass. During the period October 16 thru February 28, protect site by one of the following

- 1) 2 tons per acre of well—anchored mulch straw and seed as soon as possible in the spring.
- 3) Seed with 60 lbs. per acre Kentucky 31 Tall Fescue and mulch

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs. per 1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gal. per acre (8 gal. per 1000 sq.ft.) for anchoring.

Maintenance : Inspect all seeded areas and make needed repairs. replacements and reseedings

with 2 tons per acre well anchored straw

SEDIMENT CONTROL NOTE

- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (313-1855)
- 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL AND EROSION CONTROL, AND REVISIONS THERETO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A)7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THE PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE
- 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL AND EROSION CONTROL FOR PERMANENT SEEDINGS (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONG CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL
- HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR. MOUNT VIEW MIDDLE
- 7. SITE ANALYSIS: TOTAL AREA OF SITE

AREA DISTURBED AREA TO BE ROOFED OR PAVED AREA TO BE VEGETATIVELY STABILIZED TOTAL FILL

0.35 ACRES 0.00 ACRES 0.35 ACRES 350 CU. YDS. 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY

30.05 ACRES

- FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF
- 9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 10. SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- 11. SEDIMENT WILL BE REMOVED FROM TRAPS WHEN ITS DEPTH REACHES CLEAN OUT ELEVATION SHOWN ON THE PLANS.
- 12. CUT AND FILL QUANTITIES PROVIDED UNDER SITE ANALYSIS DO NOT REPRESENT BID QUANTITIES. THESE QUANTITIES DO NOT DISTINGUISH BETWEEN TOPSOIL. STRUCTURAL FILL OR EMBANKMENT MATERIAL NOR DO THEY REFLECT CONSIDERATION OF UNDERCUTTING OR REMOVAL OF UNSUITABLE MATERIAL. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH SITE CONDITIONS WHICH MAY AFFECT THE WORK
- 13. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 AC., APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- 14. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

MOUNT VIEW MIDDLE SCHOOL WATER SERVICE CONNECTION

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND SHOWN

SHEET 3_ OF _4

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

both ends of the throat opening.

410-997-8900 FAX: 410-997-9282

97081/401MS/SEDEROCO.DWG

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FRANK DONALDSON #8146

DETAIL 23B - AT GRADE INLET PROTECTION

PLAN/CUT AWAY VIEW

CROSS SECTION

Construction Specifications

1. Lift grate and wrap with Geotextile Class E to completely cover all openings,

2. Place 3/4" to 11/2" stone, 4"-6" thick on the grate to secure the fabric and

E - 16 - 5A

-3/4" - 11/2" STONE

-INLET GRATE

-6" OVERLAP

- GEOTEXTILE CLASS E

MAX. DRAINAGE AREA = 1/4 ACRE

MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION

GEOTEXTILE CLASS E

STANDARD SYMBOL

AGIP

then set grate back in place.

provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

SODDING SPECIFICATIONS

SODDING SHALL BE IN ACCORDANCE WITH

HOWARD COUNTY STANDARD SPECIFICATION

SEQUENCE OF CONSTRUCTION

ADVISE SEDIMENT AND EROSION CONTROL INSPECTOR 48

INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS

DIRECTED BY HOWARD COUNTY DILP SEDIMENT CONTROL

REMOVE SEDIMENT AND EROSION CONTROL DEVICES WITH

PIPE LENGTHS AT ANY ONE TIME, TO BE STABILIZED IMMEDIATELY.

STABILIZE DISTURBED AREA AS INDICATED ON THE DRAWING. (3 DAYS)

PERMISSION OF INSPECTOR AND STABILIZE BALANCE OF AREA. (2 DAY)

NOTE: TRENCHES FOR THE CONSTRUCTION OF THE WATER MAIN SHALL BE LIMITED TO THREE (3)

HOURS IN ADVANCE OF COMMENCING WORK.

INSPECTOR, AND AS SHOWN ON DRAWINGS.

OBTAIN A GRADING PERMIT AND ALL

OTHER NECESSARY PERMITS.

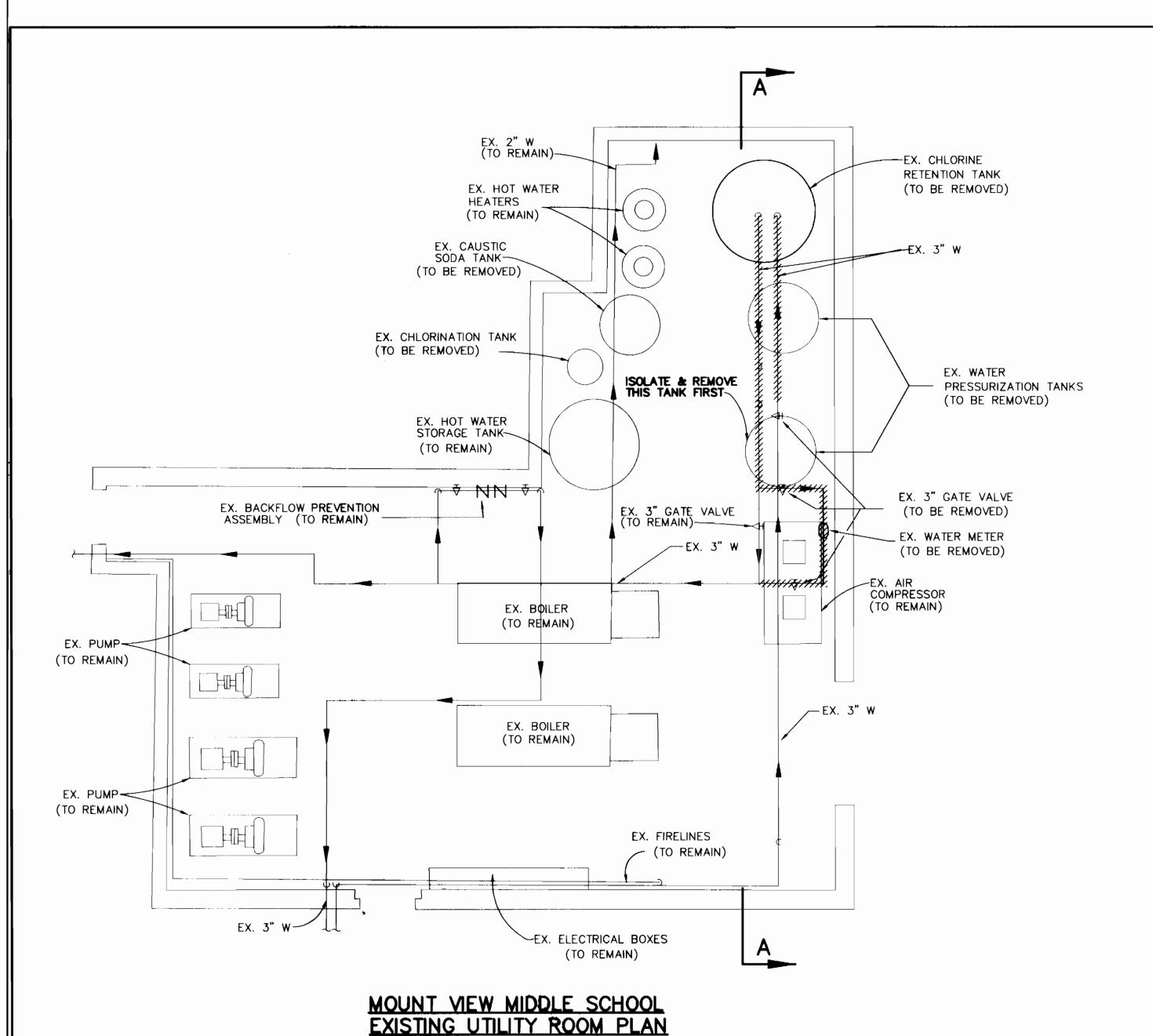
4. INSTALL NEW WATERMAIN.

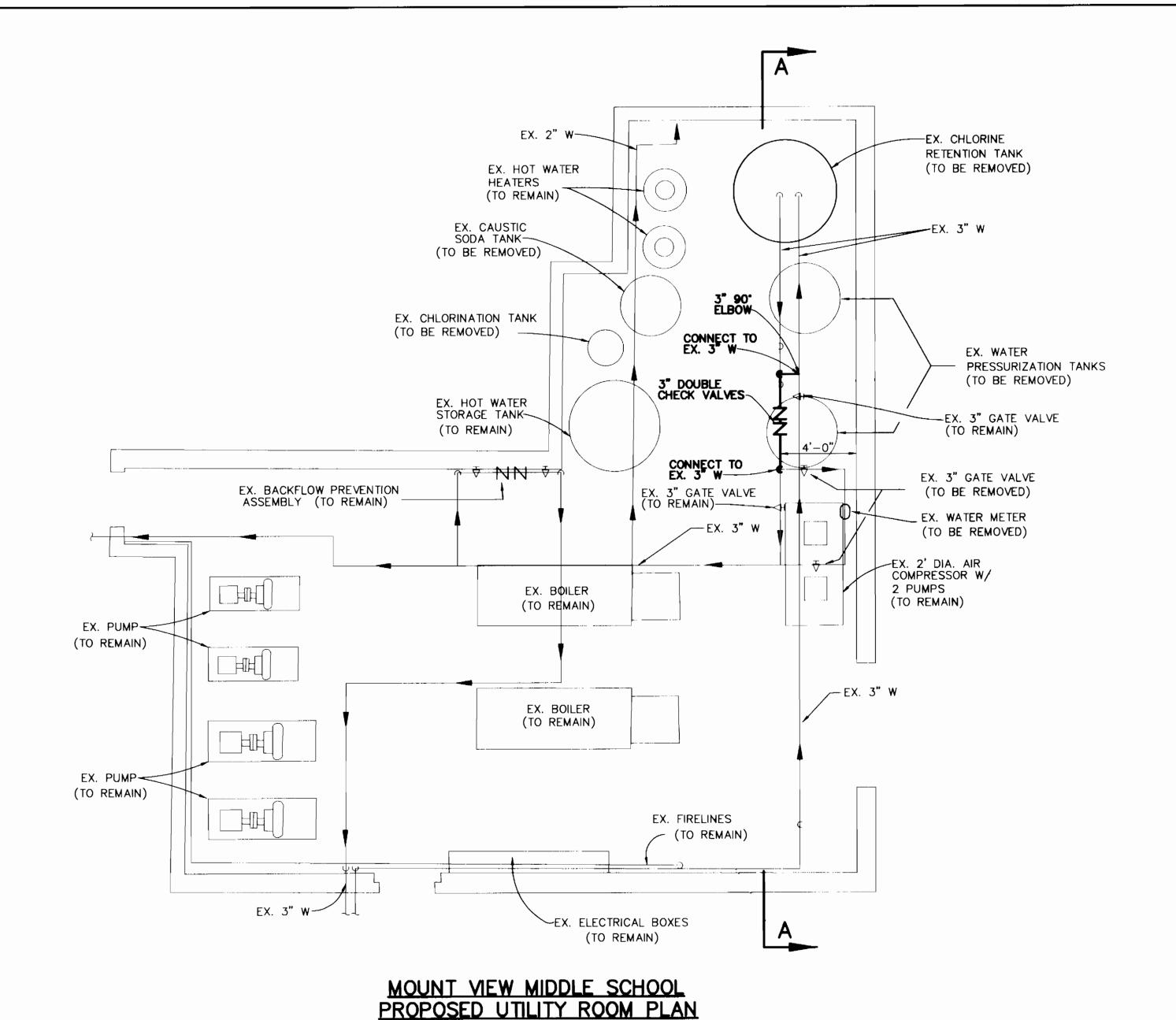
600' SCALE MAP NO. 9 BLOCK NO.

(2 DAY)

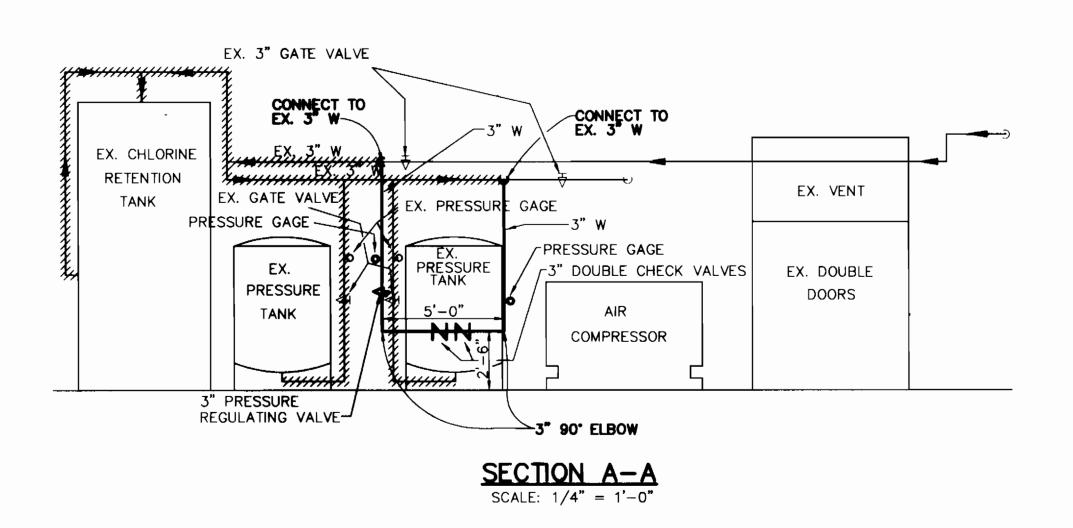
(7 DAYS)

CONTRACT NO. 44-3626-D





SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

NOTES

- ONE PRESSURIZATION TANK TO BE ISOLATED AND REMOVED AS PHASE 1 TO PROVIDE SPACE FOR THE CHECK VALVES AND PRESSURE REGULATING VALVE. THE BALANCE OF EQUIPMENT TO BE REMOVED AFTER CONNECTION HAS BEEN COMPLETED.
- 2. INSULATE NEW WORK TO MATCH EXISTING.

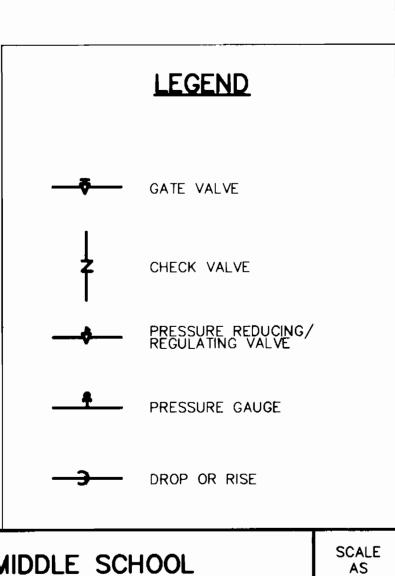
NOTES

- On all drawings the label "EXISTING" is utilized for identifying existing facilities.
 Where the label "EXISTING" is omitted, the Contractor shall assume the work indicated is new work.
- On all drawings of Plan views showing new work in existing structures the label "PROPOSED" or "CONSTRUCT" are utilized for distinguishing new work and the label "EXISTING" for identifying existing facilities.
- 3. On all drawings of Sections, Elevations and Details in existing structures the labels "PROPOSED" and "CONSTRUCT" are not repeated for new work. However, the label "EXISTING" for identifying existing facilities is retained for all drawing views for purposes of distinguishing between new and existing work.
- 4. Except as otherwise noted, heavy weight lines are utilized on drawings to depict new work and light weight lines are utilized to depict existing facilities.

BLOCK NO. 24

INTER CONNECTION DETAILS

600' SCALE MAP NO. 9



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

RIEMER MUEGGE & ASSOCIATES, INC.
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8818 Centre Park Drive • Suite 200 • Columbia, MD 21045
410-997-8900 FAX: 410-997-9282
97061/401ME/INTEDTL2.DWG

A STATE OF THE PROPERTY OF THE						
SIAN WOOM TON						
30, 810 CT. CO/ONAL ENGINEER						
FRANK DONALDSON #8146						

	DES: J.S.C.	J.S.C.	1	MANOR WOODS OMITTED FROM CONTRACT	5/6/97
Praises !	DRN: E.L.R.			_	
	CHK: G.C.L.				
<u>/</u> ε #8146	DATE: 4/29/97	BY	NO.	REVISION	DATE

MOUNT VIEW MIDDLE SCHOOL WATER SERVICE CONNECTION

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3626-D SHEET
4 OF 4

