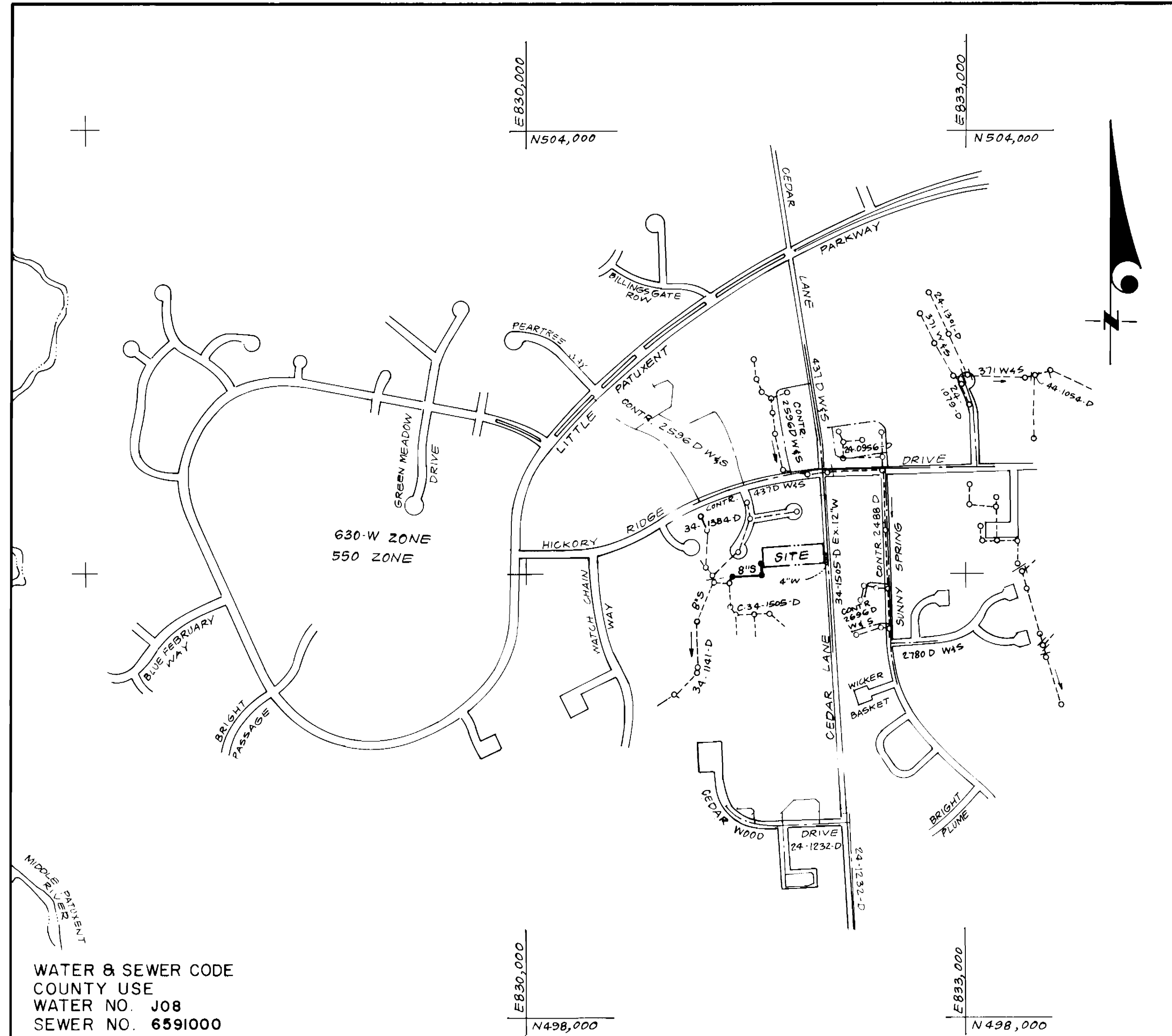


TYPE OF BUILDING	1 STORY SCHOOL
NO. OF LOTS	1
NO. OF WHC's	1
NO. OF SHC's	1
DRAINAGE AREA	MIDDLE PATUXENT



WATER & SEWER CODE
 COUNTY USE
 WATER NO. J08
 SEWER NO. 6591000

VICINITY MAP
 SCALE: 1" = 600'

CONTRACT NO. 34-1984-D
 CEDAR LANE
 PARCEL NO. 34, TAX MAP 35

HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with Site Development Plan 90-56; Drawing 3, Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT
[Signature] 11-29-89
 SIGNATURE DATE
 U.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED:
[Signature] 11/29/89
 HOWARD S.C.D. DATE

- GENERAL NOTES**
- 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 Inspector, at the contractor's expense.
 - All horizontal controls are based on Maryland State Coordinates.
 - All vertical controls are based on U.S.G.S. Datum.
 - All pipe elevations shown are invert elevations.
 - Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill.
 - For details not shown on the drawings use Howard County Standard Details.
 - For materials and construction methods use Howard County Standard Specifications and Howard County Design Manual, Volume IV, 1989 Amendments. The Contractor shall have Volume IV, 1989 Amendments, on the jobsite.
 - Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
 - Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.
 - State Highway Administration - 531-5533
 - Baltimore Gas & Electric Company - Underground Damage Control - 859-9004
 - Baltimore Gas & Electric Company - Contractor Services - 850-4620
 - Baltimore Gas & Electric Company - Trouble Shooting - 298-9001
 - "Miss Utility" - 1-800-257-7777
 - Chesapeake & Potomac (C & P) Telephone Company - 1-800-257-7777
 - Bureau of Utilities Howard County - 992-2366
 - Colonial Pipeline Company - 795-1390
 - Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.
 - Contractor shall remove trees, stumps, and roots along line of excavation as directed by the Inspector. Payment for such removal shall be included in the unit price bid for excavation and backfill.
 - Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
 - All water mains to be D.I.P. Class 52 unless otherwise noted.
 - Top of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
 - Valves adjacent to tees shall be strapped to tees.
 - Block all fittings with concrete.
 - Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Sections 1000 & 1005 of the Standard Specifications.
 - All water house connections shall be for an inside meter setting.
 - The contractor shall not operate any water main valves on the existing system.
 - All sewer mains shall be C.S.P.X., V.C.P.X., or P.V.C.
 - The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
 - All manholes shall be 4'-0" inside diameter, unless otherwise noted.
 - Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
 - Manholes designated thus "WT", shall have a Watertight Frame and Cover.
 - All D.I.P. fittings shall be in accordance with A.W.W.A. Specification C-153 Ductile Iron Compact Fittings, 3" through 12" for water and other liquids.

QUANTITIES				
ITEM	EST'D	AS BUILT	MATERIAL / SUPPLIER	
8" S	369 LF	363 25 LF	PVC SDR-35 - A+P WATER & SEWER SUPPLIES	
Manholes	3 EA	3 EA	CAST IRON 24" x 24" M-1 FRAME & COVER / A+P WATER & SEWER SUPPLIES	
6" SHC	10 LF	7 LF	PVC SDR-35 - A+P WATER & SEWER SUPPLIES	
4" WHC	11 LF	10 LF	D.I.P. CLASS 52 - MUNICIPAL & CONTRACTORS SALES, INC.	
Tapping Sleeve & Valve	1 EA	1 EA	RESILIENT SEAT TAPPING VALVE OPEN RT. - MUNICIPAL & CONTRACTORS SALES, INC. 12" x 1/2" M.U. TAPPING SLEEVE	

EXTENSION TECH. INC.
 PRECAST ATLANTIC CONC.
 CENTRAL LAUNDRY PARTNERS
 EXTENSION TECH. INC.
 GRIFFIN
 VALVE KENNEDY
 SLEEVE GLO

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 12-1-89
 DIRECTOR OF PUBLIC WORKS DATE

[Signature] 11/30/89
 CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 11/30/89
 CHIEF, BUREAU OF UTILITIES DATE

[Signature] 11/30/89
 CHIEF, LAND DEVELOPMENT DIV. DATE

CFS CLARK · FINEPROCK & SACKETT, INC.
 ENGINEERS · PLANNERS · SURVEYORS

7133 MINSTREL WAY COLUMBIA MARYLAND 21045
 (301) 381-7500 BALTO. (301) 621-8100 WASH.

[Signature] 10/19/89

DES. VLM					
JTR					
DRN VLM					
CHK JTR					
DATE OCT '89	BY	NO	REVISION	DATE	600' SCALE MAP NO. 35 BLOCK NO.

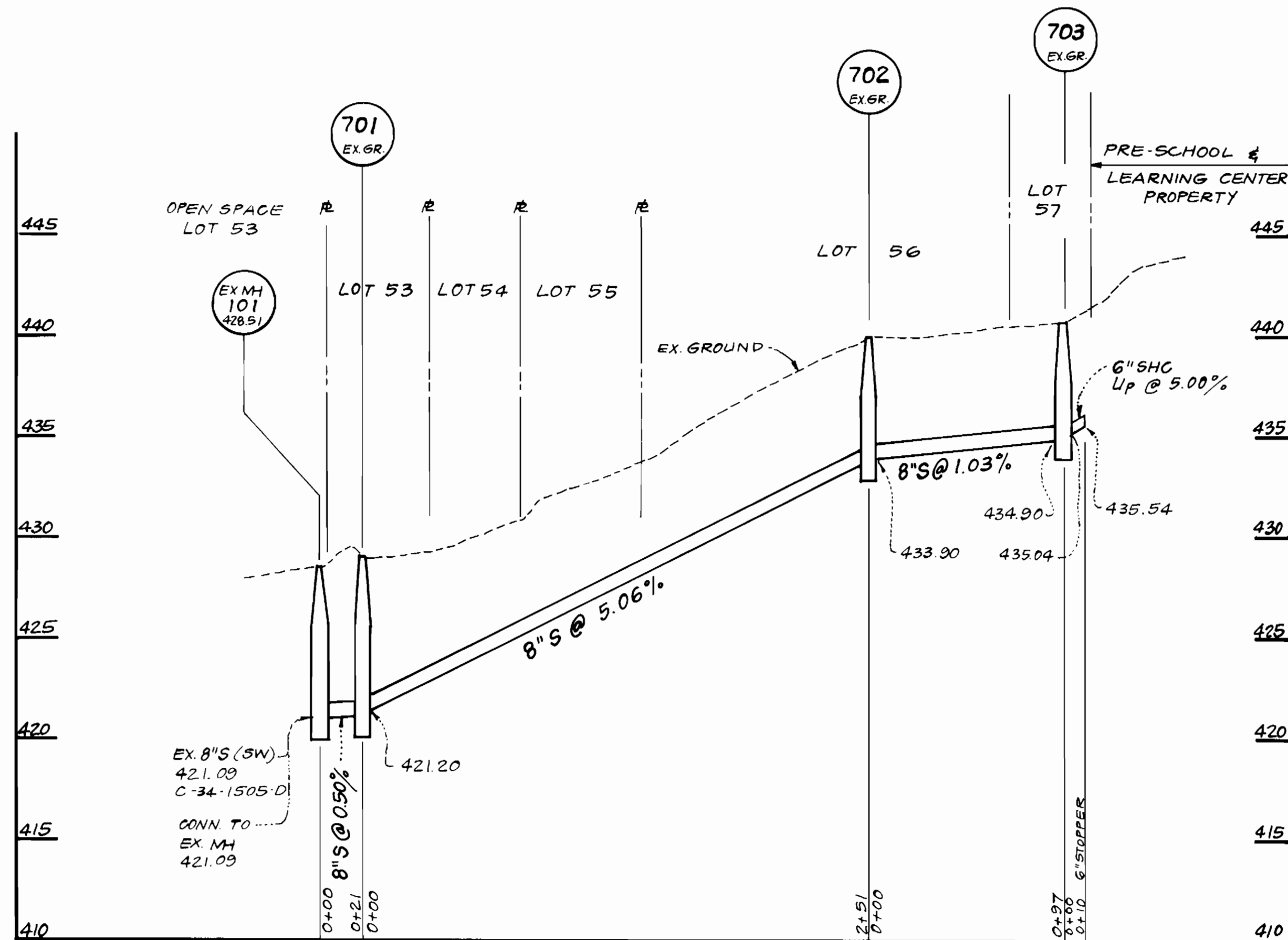
TITLE SHEET

PARCEL NO. 34 TAX MAP 35
 SEWER EXTENSION
 CEDAR LANE
 PRE SCHOOL & LEARNING CENTER
 5TH ELECTION DISTRICT
 CONTRACT NO. 34-1984-D

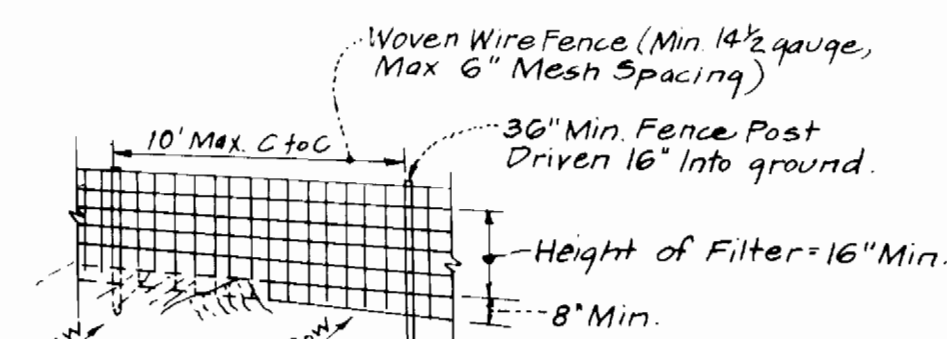
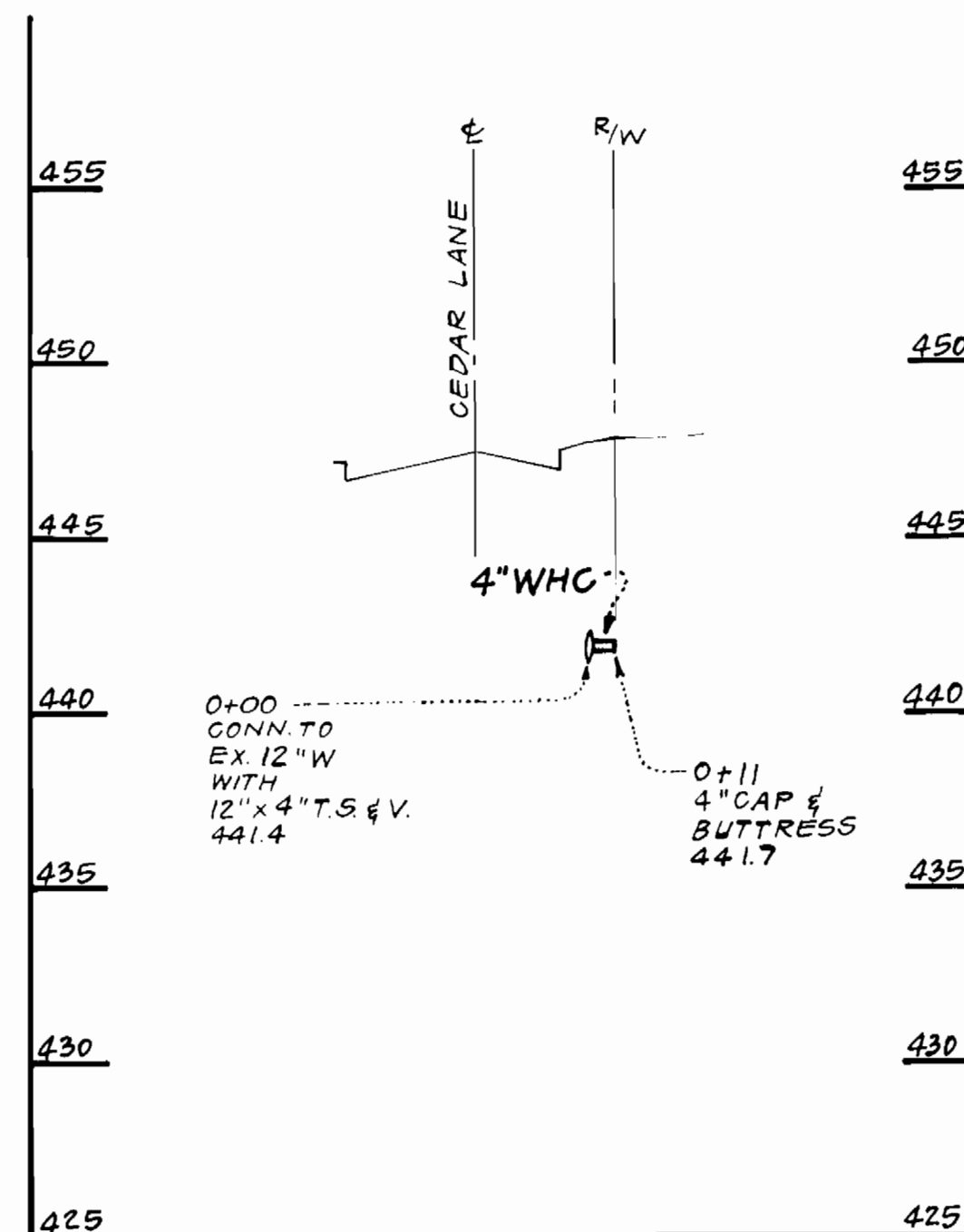
SCALE
 AS SHOWN

SHEET
 1 OF 2

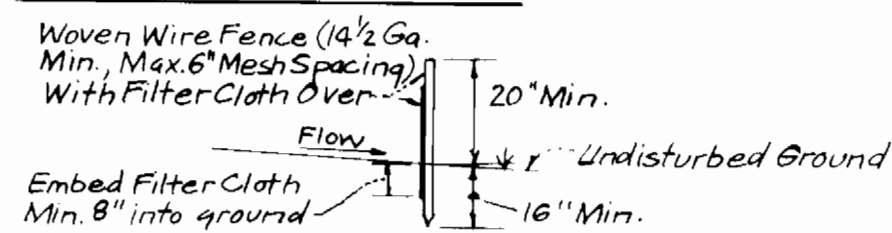
AS-BUILT 7/20/90



PROFILE SCALE
 HORIZ.: 1" = 50'
 VERT.: 1" = 5'



PERSPECTIVE VIEW



SECTION

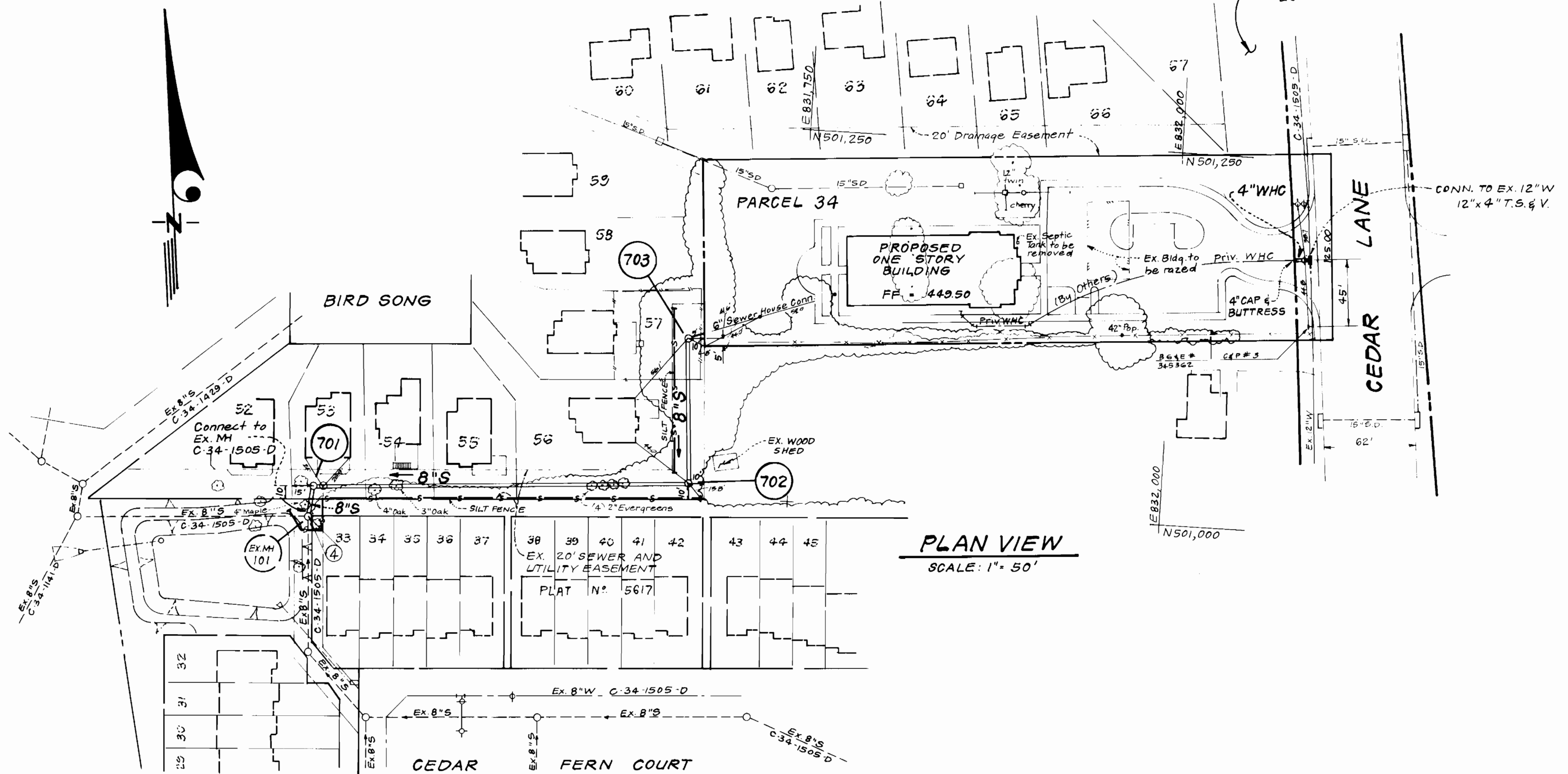
STANDARD SYMBOL

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. Woven Wire Fence to be fastened securely to fence post with wire ties or staples.
 2. Filter Cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
 3. When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
 4. Maintenance shall be performed as needed and material removed when "Bulges" develop in the silt fence.
- Posts: Steel either T or U type or 2" Hardwood
 Fence: Woven Wire 1 1/2 gauge, 6" Max, Mesh Opening.
 Filter Cloth: Filter X, Miraf, 100X Stablanka T140N or approved equal.
 Prefabricated Unit: Geofab, Envirofance, or approved equal.

SILT FENCE DETAIL

NO SCALE



PLAN VIEW
 SCALE: 1" = 50'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James M. [Signature] 12/1/89
 DIRECTOR OF PUBLIC WORKS DATE
 Robert W. [Signature] 11/17/89
 CHIEF, BUREAU OF UTILITIES DATE
 [Signature] 11/30/89
 CHIEF, LAND DEVELOPMENT DIV. DATE

CFB CLARK · FINEPROCK & SACKETT, INC.
 ENGINEERS · PLANNERS · SURVEYORS
 7135 MINSTREL WAY COLUMBIA MARYLAND 21045
 (301) 381-7500 BALTO. (301) 621-8100 WASH.

[Signature] 10/4/89

DES: VLM					
JTR					
DRN: VLM					
CHK: JTR					
DATE: OCT '89	BY:	NO.	REVISION	DATE	

PLAN AND PROFILE OF
 SEWER EXTENSION

PARCEL NO. 34 TAX MAP 35
 SEWER EXTENSION
 CEDAR LANE
 PRE SCHOOL & LEARNING CENTER
 5TH ELECTION DISTRICT
 CONTRACT NO. 34-1984-D

SCALE
 AS SHOWN
 SHEET
 2 OF 2

AS-PULIT 7/20/90