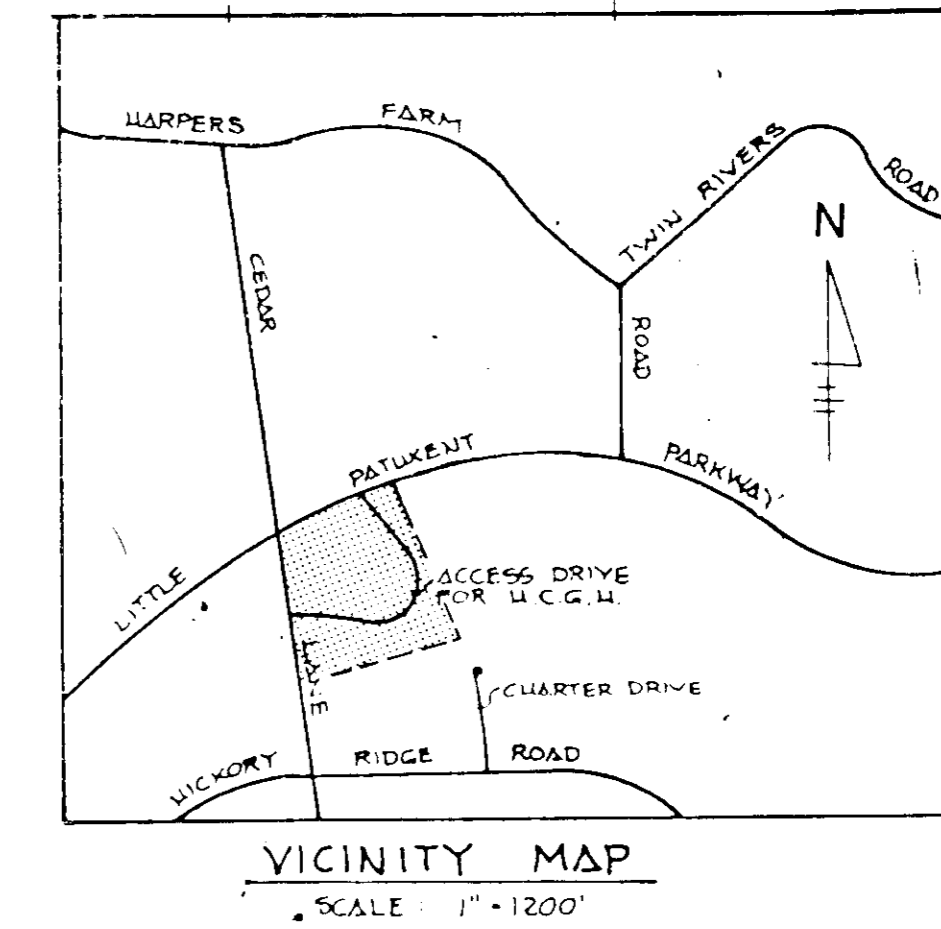


Site Development Plan

Howard County General Hospital

Howard County, Maryland



HLM
Hansen Lind Meyer, P.C.

Drawer 310
Iowa City, Iowa 52244
319.354.4700

Iowa City, Iowa
Chicago, Illinois
Orlando, Florida

project name/owner's name
Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature

project engineer
DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

issued for

item date
SITE PLAN SUBMITTAL 6-11-86
SITE PLAN SUBMITTAL 10-3-86
SITE PLAN SUBMITTAL 11-18-86
DINING ROOM ADDITION 1/27/88

REVISIONS BY DAPT-McCUNE
WALKER INC., 21 N.V. 90-ADD
NEW MRI 5-17-91

drawn by BJT
checked by ERM/DCR

sheet title
Title Sheet

sheet number
1 of 18
SDP-86-269

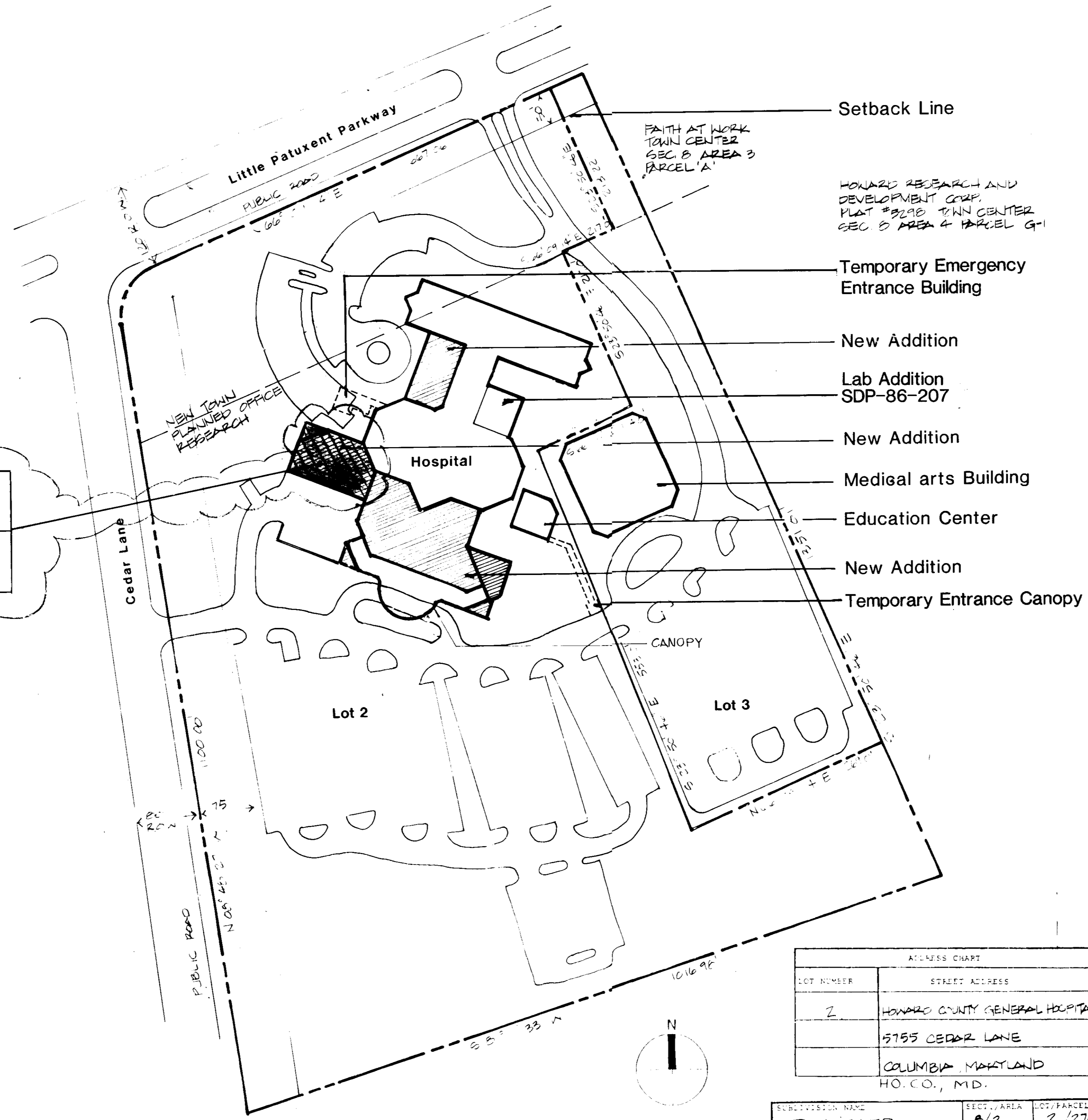
Site Analysis

Present Zoning: Planned Office
Employees: 362
Existing patient beds: 173
Total beds proposed on site 173 (36 removed, 36 added)
Outpatient Doctors: 1
Area of Lot 2: 19.606 acres or 854,037 sq. ft.
Existing Building Floor Space:
Level B 33,950 sq. ft.
Level 1 41,590 sq. ft.
Level 2 29,585 sq. ft.
Level 3 19,055 sq. ft.
Total existing: 124,180 sq. ft.
New Building Floor Space:
Level B 23,420 sq. ft.
Level 1 20,895 sq. ft.
Level 2 13,250 sq. ft.
Level 3 1,240 sq. ft.
Level 4 1,240 sq. ft.
Total new: 60,045 sq. ft.
Total Building Space: 184,225

Existing Building Coverage: 41,590 sq. ft. or 4.87%
Proposed Building Coverage: 20,895 sq. ft. or 2.45%
Total Building Coverage: 62,485 sq. ft. or 7.32%
Open Green Space to Remain: 476,000 sq. ft. or 55.7%
Limit of Submission Area: 117,000 sq. ft. or 13.7%
No Easements Exist
Parking spaces required: 453
Existing parking spaces 394
Proposed total spaces on site 539

**NEW MRI EXPANSION
ABOVE EXISTING
STRUCTURE**

NOTE: NO PARKING
DISPLACED BY NEW
MRI EXPANSION



LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL 5755 CEDAR LANE COLUMBIA, MARYLAND HO. CO., MD.

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
TOWN CENTER	B/2	2/276
PLAT # OF LOT	BLK. #	ZONE
304B	5	POR
WEATHER CODE	SEWER CODE	CEILING TA.
106	5822500	6053.02

- LIST OF DRAWINGS**
- 1 OF 18 COVER SHEET
 - 3 OF 18 SITE LAYOUT PLAN
 - 4 OF 18 CIVIL ENGINEERING PLAN

7-9-86

[Signature]

APPROVED: For public Water, Public Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-24-86
DIRECTOR DATE
[Signature] 11-28-86
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For public Water and Public Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 11-25-86
COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
[Signature] 11-26-86
PLANNING DIRECTOR DATE
[Signature] 11-26-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number

8368.00

owner's signature

project engineer

DAVID ROE PE #4666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

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SITE PLAN SUBMITAL 6-11-86
SITE PLAN SUBMITAL 10-3-86
SITE PLAN SUBMITAL 11-18-86

drawn by **BJT/DAS**

checked by **ERM/PCR**

sheet title
**Temporary Entrance
Layout, Grading, Civil
Engineering and
Erosion Control Plan**

sheet number

2 of 18
SDP-86-269

Notes

1. FIELD VERIFY EXISTING GRADES AND LOCATIONS OF EXISTING TRAPS, UTILITIES, CONDUIT LINES, CURBS, PAVING, BUILDINGS AND OTHER SITE STRUCTURES PRIOR TO DEMOLITION OR CONSTRUCTION AND VERIFY AGAINST RECORD - THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE FROM BACK OF CURBS TO BACK OF CURBS OR FACE OF WALL UNLESS OTHERWISE NOTED.
3. COORDINATE SITE LAYOUT WITH DEMOLITION.
4. MATCH EXISTING GRADES AT THE INTERFACE OF NEW AND EXISTING PAVING.
5. NEW PAVING CURBS AND GUTTER SHALL BE RETURNED TO THE NEAREST CONTROL OR EXPANSION JOINT.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by tilling, disk or other acceptable means before seeding.

Seeding: For the period March 1 thru April 30, and August 1 thru October 15, seed with 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding. For the period May 1 thru August 15, seed with 40 lbs/1000 sq ft of fertilizer (10 lbs/1000 sq ft) before seeding. For the period November 1 thru February 28, seed with 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding. For the period March 1 thru April 30, and August 1 thru October 15, seed with 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding. For the period May 1 thru August 15, seed with 40 lbs/1000 sq ft of fertilizer (10 lbs/1000 sq ft) before seeding. For the period November 1 thru February 28, seed with 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding.

TEMPORARY SEEDING NOTES

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

Soil Preparation: Loosen upper three inches of soil by tilling, disk or other acceptable means before seeding.

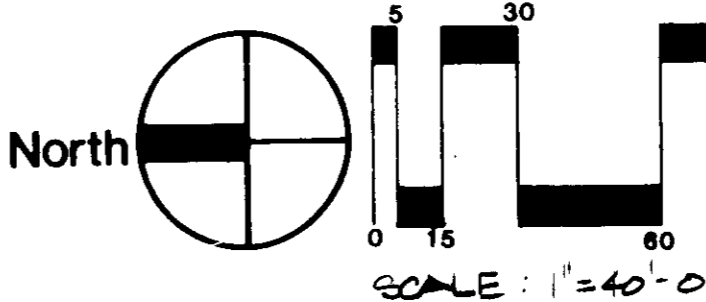
Seeding: For the period March 1 thru April 30, and August 1 thru October 15, seed with 10 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding. For the period May 1 thru August 15, seed with 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding. For the period November 1 thru February 28, seed with 10 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft) before seeding.

SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (892-2437)
- 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 1985 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shall be fenced and warning signs posted around their perimeter in accordance with Sub. 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 1985 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings. (10 lbs/1000 sq ft, 500 lbs/1000 sq ft) and 20 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq ft). Temporary stabilization with mulching (500 lbs/1000 sq ft) is permitted. Temporary stabilization with mulch alone can only be done when recommended seedings cannot be applied 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.
- 7) Site Analysis:
Total Area of Site: 3.14 Acres
Area Disturbed: 1.84 Acres
Area to be seeded or covered: 1.84 Acres
Area to be vegetatively stabilized: 0.20 Acres
Total: 3.14 Acres
Total Fill: 2500 cu. yds.
Off-site waste/borrow area location: SITE TO BE SELECTED BY CONTRACTOR & APPROVED BY H.S.C. CONTROL INSPECTOR.
- 8) Any sediment control practice which is disturbed by grading activities for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment control measures may be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of perimeter erosion and sediment control, 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.

Legend

- CONSTRUCTION LIMIT LINE
- ▨ BITUMINOUS PAVING
- ▨ EXISTING GRADES
- ▨ NEW GRADES
- ▨ STRAW BALE DIKE
- ▨ LIMITS OF DISTURBANCE



SEQUENCE OF CONSTRUCTION - TEMPORARY ENTRANCE - STAGE I

1. Grading permit secured. (0 to 2 weeks.)
2. Sediment control features installed consisting of straw bales, inlet protection and de-mudding area. (2 to 4 days.)
3. Clear and grub new asphalt parking area, existing island, and temporary entrance. (5 to 7 days)
4. Rough grade site for installation of asphalt base materials and temporary entrance. (1 day)
5. Construct temporary Emergency Entrance Building. (30 days)
6. Install asphaltic pavement and concrete walk at temporary entrance. (2 to 3 days)
7. Sod all disturbed areas. (2 days)
8. Active soil erosion measures to remain in place and be modified during construction of Stage II.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director
DATE: 11-25-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Director
DATE: 11-26-86
Chief of Division of Land Development and Zoning Administration
DATE: 11-26-86

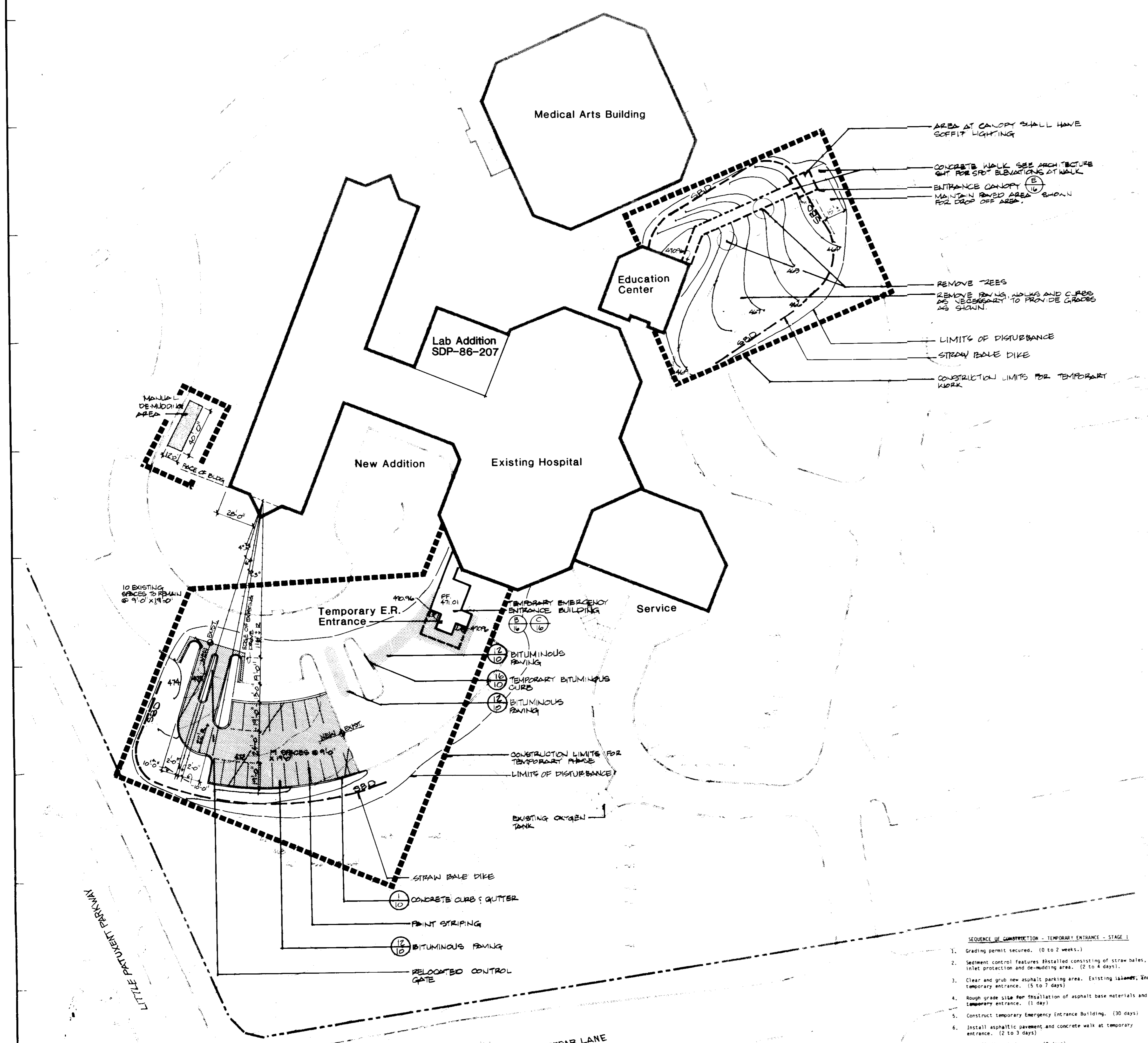
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
County Health Officer
DATE: 11-27-86

By the Developer:
I certify that this plan and all development and 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 course of instruction in the Howard County Department of Public Works, "The Basics of Erosion Control" course.
Timothy P. Kelly
DATE: 11-18-86

By the Engineer:
I certify that this plan for erosion and sediment control measures is a practical and suitable plan based on my personal knowledge of the site conditions and that I am prepared to enforce the requirements of the Howard County Department of Public Works.
David Roe
DATE: 10-3-86

By the Inspector:
I certify that this plan meets the requirements of the Howard County Department of Public Works.
Blaine Ziehm
DATE: 11-24-86

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
Blaine Ziehm
DATE: 11-24-86



project name/owner's name
Building Additions to SDP-86-207
and SDP-86-246

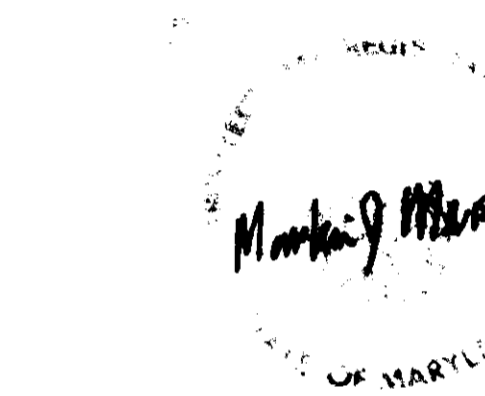
**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature
[Signature]

project engineer
DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature



issued for

item date
SITE PLAN SUBMITTAL 6-11-86
SITE PLAN SUBMITTAL 10-3-86
SITE PLAN SUBMITTAL 11-18-86

REVISIONS BY DATE
WALKER INC. 21 Nov. 90
ADD NEW MRI 8-17-91

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5755 CEDAR LANE
	COLUMBIA, MARYLAND 21044

SUBDIVISION NAME	TRACT, BLOCK, LOT, PARCEL
TC	B/2 LOT 1
PLAN T ORLY BLOCK 1	TAX MAP NO. 5755
PARCELS 5 FOR	BLK. 5755
PARCEL 206	SECTION CODE 5755000

HOWARD COUNTY, MARYLAND

By the Developer:
I certify that all development and 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 Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.

Signature of Developer: *[Signature]* DATE: 11/18/86
Print Name: *[Name]*

By the Engineer:
I certify that this plan for erosion and sediment control represents a practical 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 District.

Signature of Engineer: *[Signature]* DATE: 10/6/86
Print Name: *[Name]*

Approved for: *[Signature]* DATE: 11-4-86
Title: *[Title]*

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

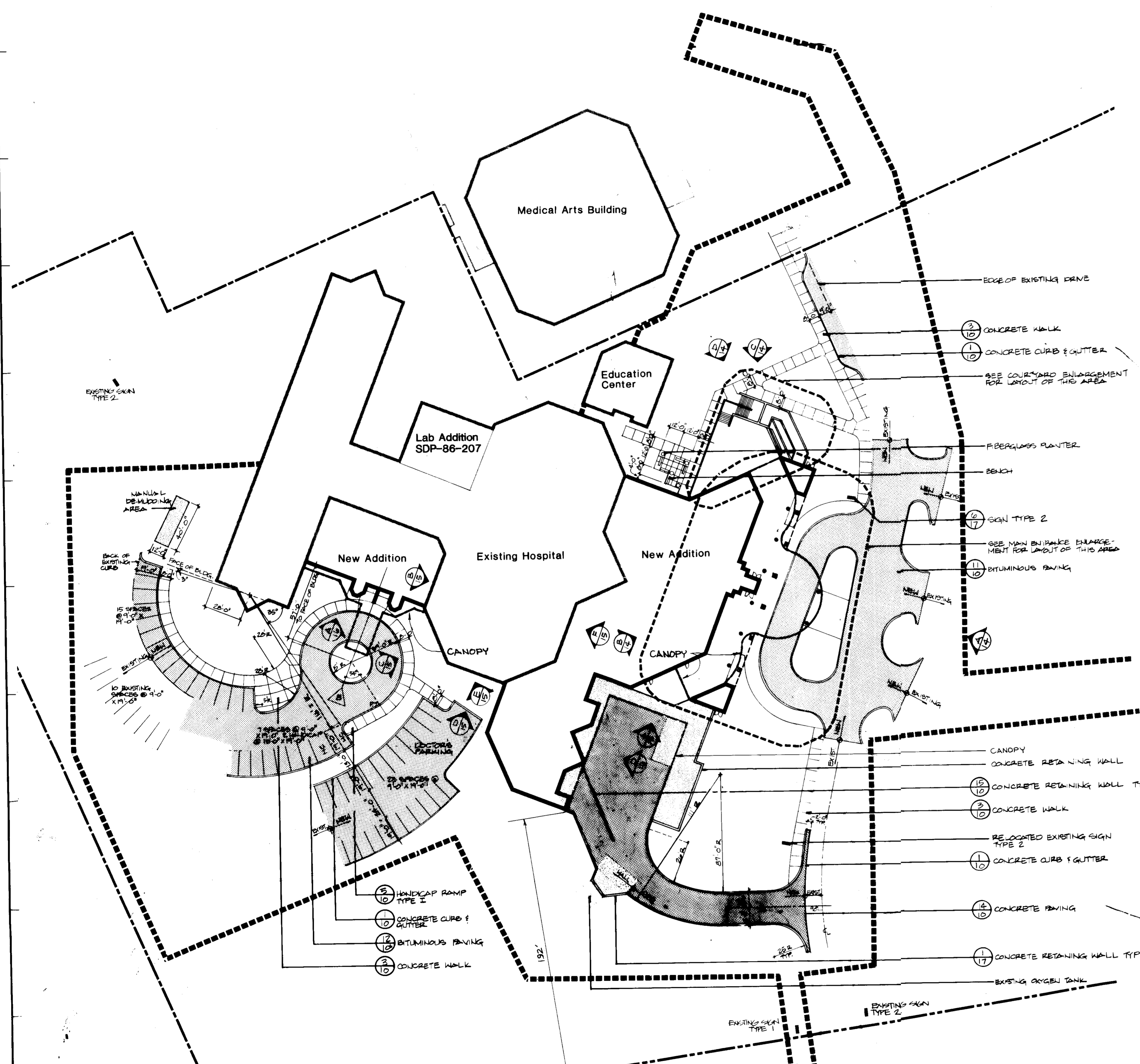
Signature: *[Signature]* DATE: 11-24-86

Notes

1. FIELD VERIFY EXISTING GRADES AND LOCATIONS OF EXISTING TREES, UTILITIES, CONDUIT LINES, POLES, FENCING, BUILDINGS AND OTHER SITE STRUCTURES PRIOR TO DEMOLITION OR CONSTRUCTION AND IMMEDIATELY INFORM THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ARE FROM BACK OF CURB TO BACK OF CURB OR FACE OF WALL UNLESS OTHERWISE NOTED.
3. FOR LAYOUT OF SITE LIGHTING SEE SITE ELECTRICAL PLAN.
4. COORDINATE SITE LAYOUT WITH DEMOLITION.

Legend

- CONSTRUCTION LIMIT LINE
- - - LIMITS OF ENLARGEMENT
- PROPERTY LINE
- BTM BITUMINOUS PAVING
- CONC CONCRETE PAVING

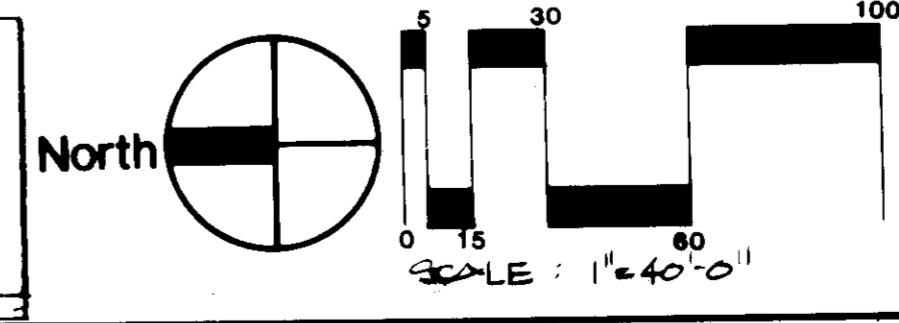


APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE: 11-25-86

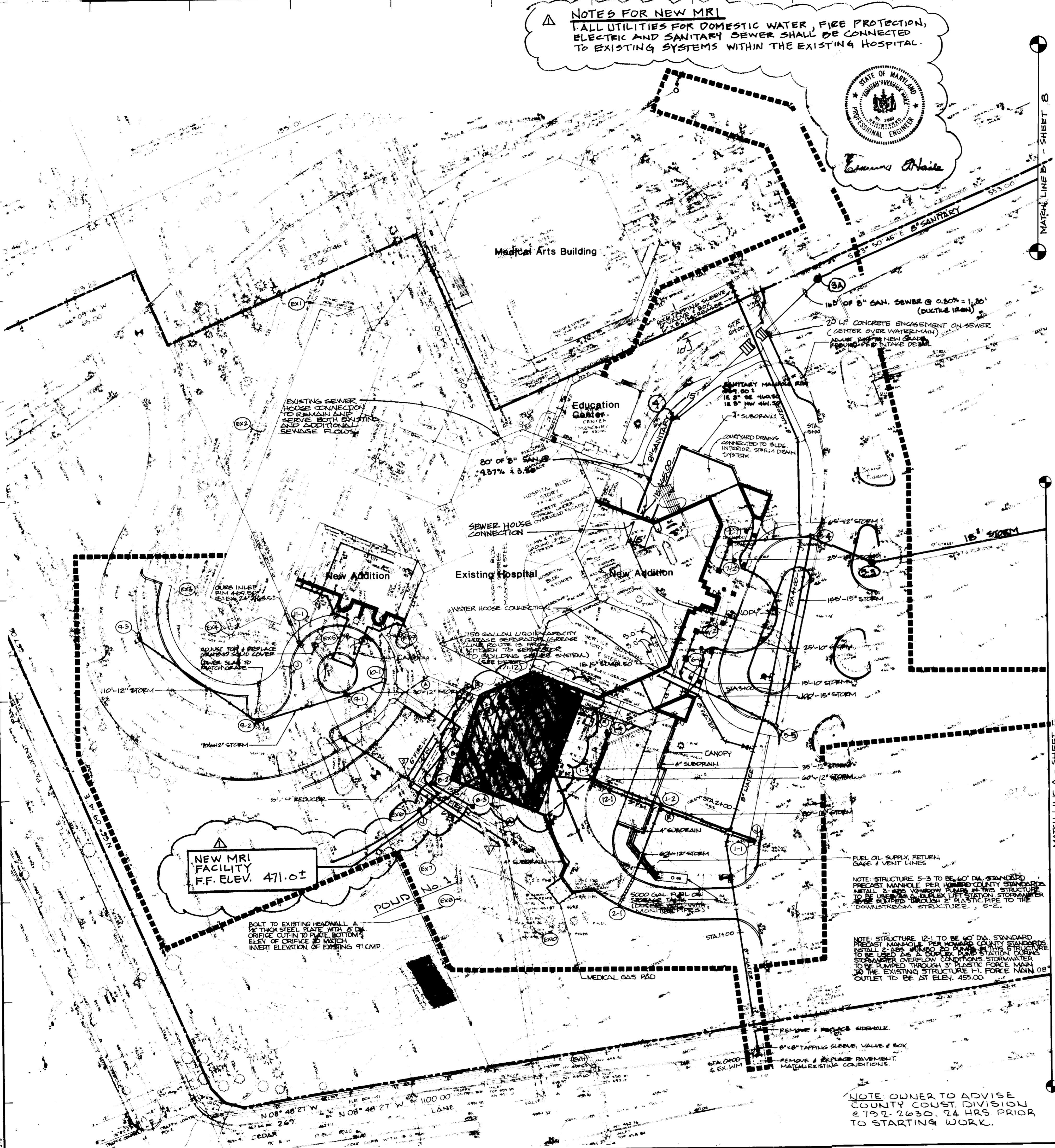
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] DATE: 11-26-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 11-27-86

CHIEF BUREAU OF ENGINEERING
[Signature] DATE: 11-24-86



NOTES FOR NEW MRI
 ALL UTILITIES FOR DOMESTIC WATER, FIRE PROTECTION, ELECTRIC AND SANITARY SEWER SHALL BE CONNECTED TO EXISTING SYSTEMS WITHIN THE EXISTING HOSPITAL.



Structure Schedule

STRUCTURE NO.	DEPTH	DIAMETER	INVERT	OUTLET	HOWARD CO. TYPE
1-1	4.50	48"	4.50	4.50	EXISTING INLET
1-2	4.50	48"	4.50	4.50	EXISTING INLET
1-3	4.50	48"	4.50	4.50	EXISTING INLET
1-4	4.50	48"	4.50	4.50	EXISTING INLET
1-5	4.50	48"	4.50	4.50	EXISTING INLET
1-6	4.50	48"	4.50	4.50	EXISTING INLET
1-7	4.50	48"	4.50	4.50	EXISTING INLET
1-8	4.50	48"	4.50	4.50	EXISTING INLET
1-9	4.50	48"	4.50	4.50	EXISTING INLET
1-10	4.50	48"	4.50	4.50	EXISTING INLET
1-11	4.50	48"	4.50	4.50	EXISTING INLET
1-12	4.50	48"	4.50	4.50	EXISTING INLET
1-13	4.50	48"	4.50	4.50	EXISTING INLET
1-14	4.50	48"	4.50	4.50	EXISTING INLET
1-15	4.50	48"	4.50	4.50	EXISTING INLET
1-16	4.50	48"	4.50	4.50	EXISTING INLET
1-17	4.50	48"	4.50	4.50	EXISTING INLET
1-18	4.50	48"	4.50	4.50	EXISTING INLET
1-19	4.50	48"	4.50	4.50	EXISTING INLET
1-20	4.50	48"	4.50	4.50	EXISTING INLET
1-21	4.50	48"	4.50	4.50	EXISTING INLET
1-22	4.50	48"	4.50	4.50	EXISTING INLET
1-23	4.50	48"	4.50	4.50	EXISTING INLET
1-24	4.50	48"	4.50	4.50	EXISTING INLET
1-25	4.50	48"	4.50	4.50	EXISTING INLET
1-26	4.50	48"	4.50	4.50	EXISTING INLET
1-27	4.50	48"	4.50	4.50	EXISTING INLET
1-28	4.50	48"	4.50	4.50	EXISTING INLET
1-29	4.50	48"	4.50	4.50	EXISTING INLET
1-30	4.50	48"	4.50	4.50	EXISTING INLET
1-31	4.50	48"	4.50	4.50	EXISTING INLET
1-32	4.50	48"	4.50	4.50	EXISTING INLET
1-33	4.50	48"	4.50	4.50	EXISTING INLET
1-34	4.50	48"	4.50	4.50	EXISTING INLET
1-35	4.50	48"	4.50	4.50	EXISTING INLET
1-36	4.50	48"	4.50	4.50	EXISTING INLET
1-37	4.50	48"	4.50	4.50	EXISTING INLET
1-38	4.50	48"	4.50	4.50	EXISTING INLET
1-39	4.50	48"	4.50	4.50	EXISTING INLET
1-40	4.50	48"	4.50	4.50	EXISTING INLET
1-41	4.50	48"	4.50	4.50	EXISTING INLET
1-42	4.50	48"	4.50	4.50	EXISTING INLET
1-43	4.50	48"	4.50	4.50	EXISTING INLET
1-44	4.50	48"	4.50	4.50	EXISTING INLET
1-45	4.50	48"	4.50	4.50	EXISTING INLET
1-46	4.50	48"	4.50	4.50	EXISTING INLET
1-47	4.50	48"	4.50	4.50	EXISTING INLET
1-48	4.50	48"	4.50	4.50	EXISTING INLET
1-49	4.50	48"	4.50	4.50	EXISTING INLET
1-50	4.50	48"	4.50	4.50	EXISTING INLET

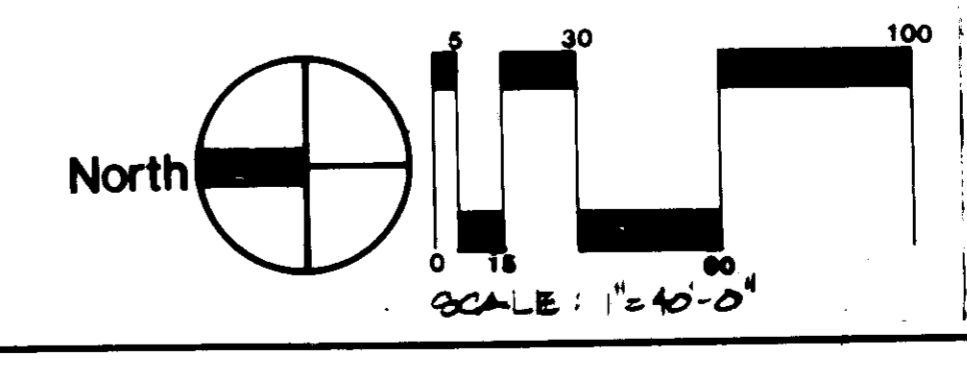
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 11-25-86
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DIRECTOR: [Signature] DATE: 11-26-86
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 11-27-86
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 11-24-86

Legend

- NEW CONTOURS
- MANHOLE (MH)
- CLEANOUT
- CATCH BASIN
- FLOOR DRAIN
- CURB INLET
- INLET
- FIRE HYDRANT ASSEMBLY
- GATE VALVE & BOX
- GATE VALVE & WELL
- POST INDICATOR VALVE
- DITCH/STREAM
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- COMBINED SEWER
- GAS
- ELECTRIC
- TELEPHONE
- BULKHEAD/CAP/PLUG
- SOL BORING
- REMOVE
- ABANDON
- CONSTRUCTION LIMITS
- STRUCTURE NO. (STORM)
- STRUCTURE NO. (SANITARY)
- WATERMAIN NODE NO.

Notes

- EXISTING UTILITY INFORMATION SHOWN IS FROM SURVEY WORK BY OTHERS. FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS AND AS-BUILT DRAWINGS. THE EXACT LOCATIONS AND ELEVATIONS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.
- CONTACT ALL PUBLIC AND PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO ANY EXCAVATION. COST OF REPLACEMENT AND REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- OPERATION OF EXISTING VALVES, SWITCHES, SERVICES OR STARTUP OF NEW SERVICES SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE.
- FIELD VERIFY VERTICAL ELEVATIONS RELATED TO BENCH MARKS, GRADES, PIPE INVERTS AND VERTICAL BUILDING LEVELS PRIOR TO COMMENCING WORK. FIELD VERIFY HORIZONTAL CONTROL.
- THE TYPE OF FIRE HYDRANTS, VALVES, STRUCTURE FRAMES AND COVERS SHALL BE LOCAL MUNICIPAL STANDARD UNLESS INDICATED ON THE DRAWINGS OR SPECIFIED IN THE SPECIFICATIONS, DIVISION 2. ALL FIRE HYDRANTS SHOWN SHALL BE NEW.
- WORK IN PUBLIC RIGHTS-OF-WAY SHALL BE COORDINATED WITH GOVERNING AUTHORITIES. SECURE NECESSARY PERMITS AND PAY REQUIRED FEES.
- WHERE REMOVE IS INDICATED ON THE DRAWINGS, IT MEANS TO COMPLETELY DEMOLISH UTILITY AND DISPOSE OF OFF SITE AT LEGAL DUMP SITE. ABANDON MEANS TO LEAVE IN PLACE AND CUT WHERE REQUIRED; BULKHEAD ALL CUT ENDS WITH A PLUG OR CAP OR CONSTRUCT 9" THICK BRICK AND MORTAR BULKHEAD CONFORMING TO EXISTING UTILITY MATERIALS. STRUCTURES INDICATED TO BE ABANDONED SHALL BE REMOVED TO A POINT 2 FT. BELOW PROPOSED BOTTOM OF SLAB OR FINISH GRADE IN TYPICAL AREAS. STRUCTURE BOTTOMS SHALL BE LINE DRILLED TO PERMIT DRAINAGE.
- REQUIRED SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE PROVIDED, INSTALLED AND MAINTAINED.
- REMOVE ALL SANITARY AND STORM MANHOLES AND CATCH BASINS ON ABANDONED LINES AND BULKHEAD EXISTING LINES WITH 9 INCH THICK BRICK AND MORTAR.
- STRUCTURES TO BE ADJUSTED OR REBUILT SHALL HAVE A MINIMUM OF 14" HIGH ADJUSTMENT SECTION, INCLUDING EXISTING AND NEW BRICK OR RINGS. WHEN 14" IS EXCEEDED, REMOVE EXISTING CONE SECTION AND INSERT BARREL SECTION AND REPLACE CONE. BRICK STRUCTURES SHALL HAVE CORBELING REMOVED AND BUILT TO PROVIDE FULL WIDTH OPENING PER MANHOLE DETAIL.
- CONCRETE ENGAGEMENT SHALL BE IN ACCORDANCE WITH HOWARD CO. DEPT. OF PUBLIC WORKS STANDARDS.



HLM
 Hansen Lind Meyer, P.C.
 Drawer 310
 Plaza Centre One
 Iowa City, Iowa 52244
 319 354.4700
 Iowa City, Iowa
 Chicago, Illinois
 Orlando, Florida

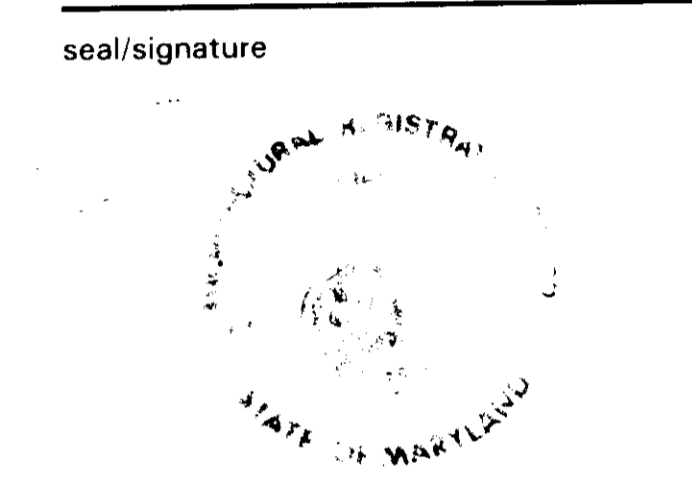
project name/owner's name
Building Additions to SDP-86-207 and SDP-86-246

HOWARD COUNTY GENERAL HOSPITAL
 COLUMBIA, MARYLAND

project number
8368.00

owner's signature
 [Signature]

project engineer
 DAVID ROE P.E. #14666
 HANSEN LIND MEYER P.C.
 DRAWER 310 PLAZA CENTRE ONE
 IOWA CITY, IOWA 52244



issued for

item date

SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86
REV. STORM DRAIN LOCATION	1-16-87
ADDED SANITARY SEWER	7-9-87
REVISED SANITARY SEWER	1-27-88
DINING ROOM ADDITION	1-27-88
SANITARY SEWER REV.	6-3-88
REVISIONS BY DART-McCONE	5-17-91
WALKER INC. 21 Nov. 90-	
ADD NEW MRI	

drawn by TRH

checked by DAS/JCR

sheet title

Civil Engineering Plan

sheet number

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 11-25-86
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DIRECTOR: [Signature] DATE: 11-26-86
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 11-25-86
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 11-24-86

HLM
 Hansen Lind Meyer, P.C.
 Drawer 310
 Plaza Centre One
 Iowa City, Iowa 52244
 319 354 4700
 Iowa City, Iowa
 Chicago, Illinois
 Orlando, Florida

project name/owner's name
 Building Additions to SDP-86-207
 and SDP-86-246

**HOWARD COUNTY
 GENERAL HOSPITAL**
 COLUMBIA, MARYLAND

project number
8368.00

owner's signature
 [Signature]

project engineer
 DAVID ROE, P.E. #14666
 HANSEN LIND MEYER
 DRAWER 310 PLAZA CENTRE ONE
 IOWA CITY, IOWA 52244

seal/signature
 [Signature]

issued for
 [Signature]
 OF MARYLAND

item date
 SITE PLAN SUBMITTAL 6-11-86
 SITE PLAN SUBMITTAL 10-3-86
 SITE PLAN SUBMITTAL 11-18-86
 REV. STORM DRAIN LOCATION 1-13-78

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL 9755 CEDAR LANE COLUMBIA, MARYLAND 21044

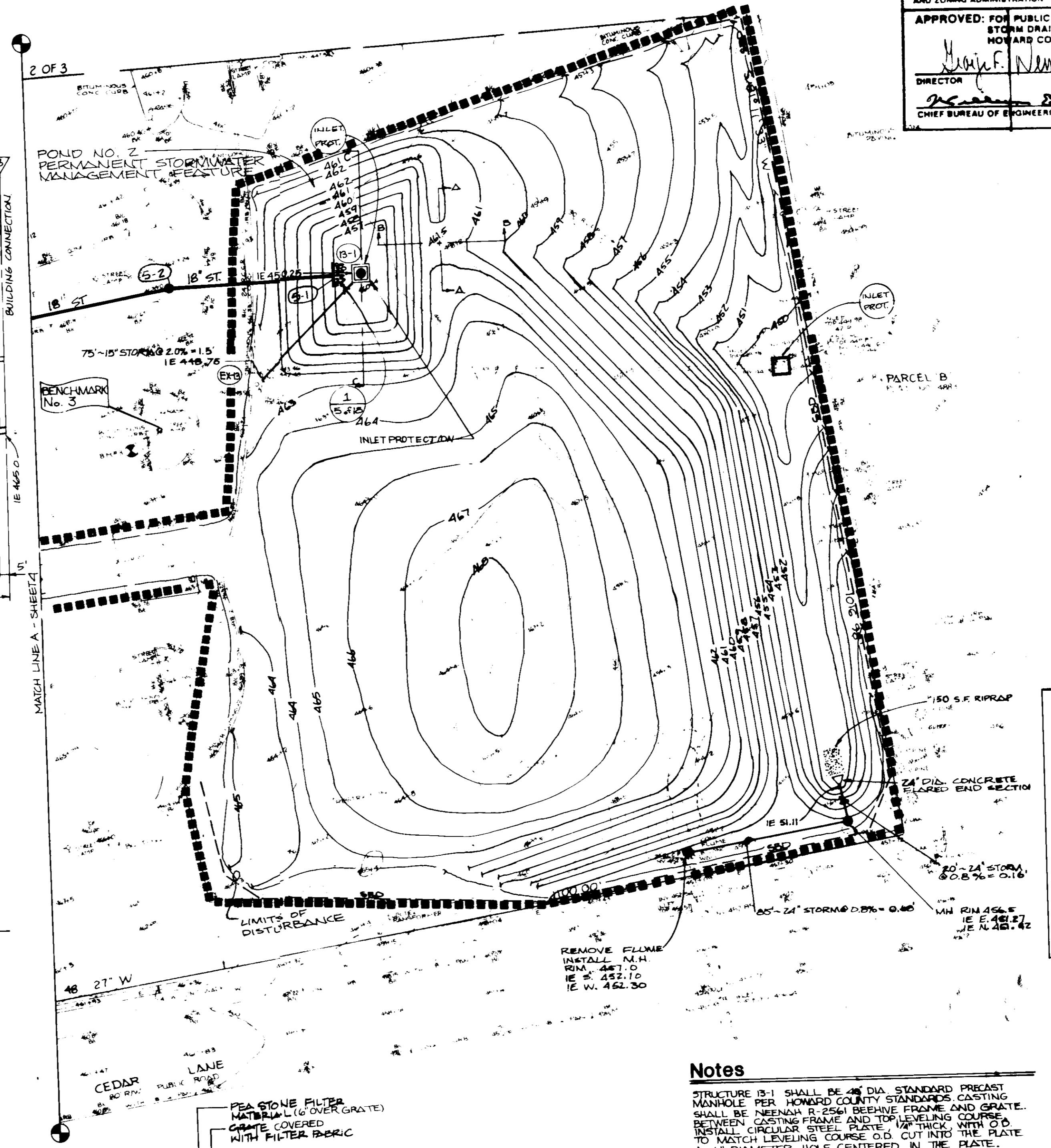
TRIBUTARY TO: 202 LOT 2
 106 5522000

HOWARD COUNTY, MARYLAND
 drawn by TUL/TRH
 checked by DAS/PCR

By the Designer:
 I hereby certify that all measurements and construction will be made according to these plans and that any reasonable personal liability for the construction thereof will be borne by the contractor in accordance with the provisions of the contract.
 [Signature] 11-24-86
 By the Engineer:
 I certify that this plan for storm and sanitary sewerage systems is a true and correct representation of the actual construction of the same.
 [Signature] 11-24-86
 This development plan is approved for the City, County and State of Maryland.
 [Signature] 11-24-86

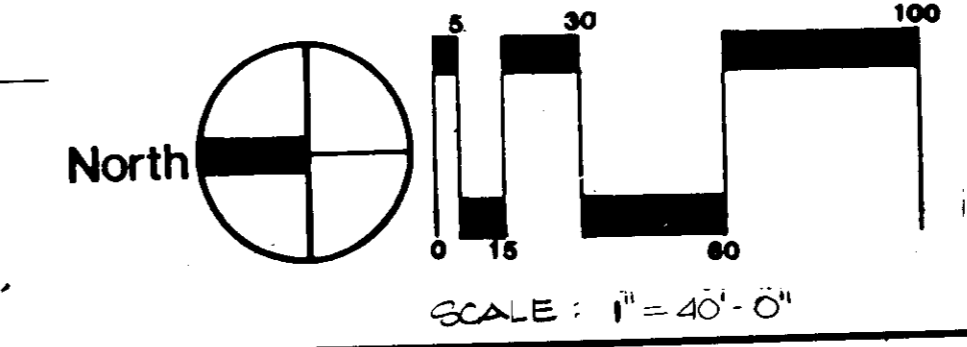
sheet title
**Sewer Extension
 And Details**

sheet number
**5 of 18
 SDP-86-269**

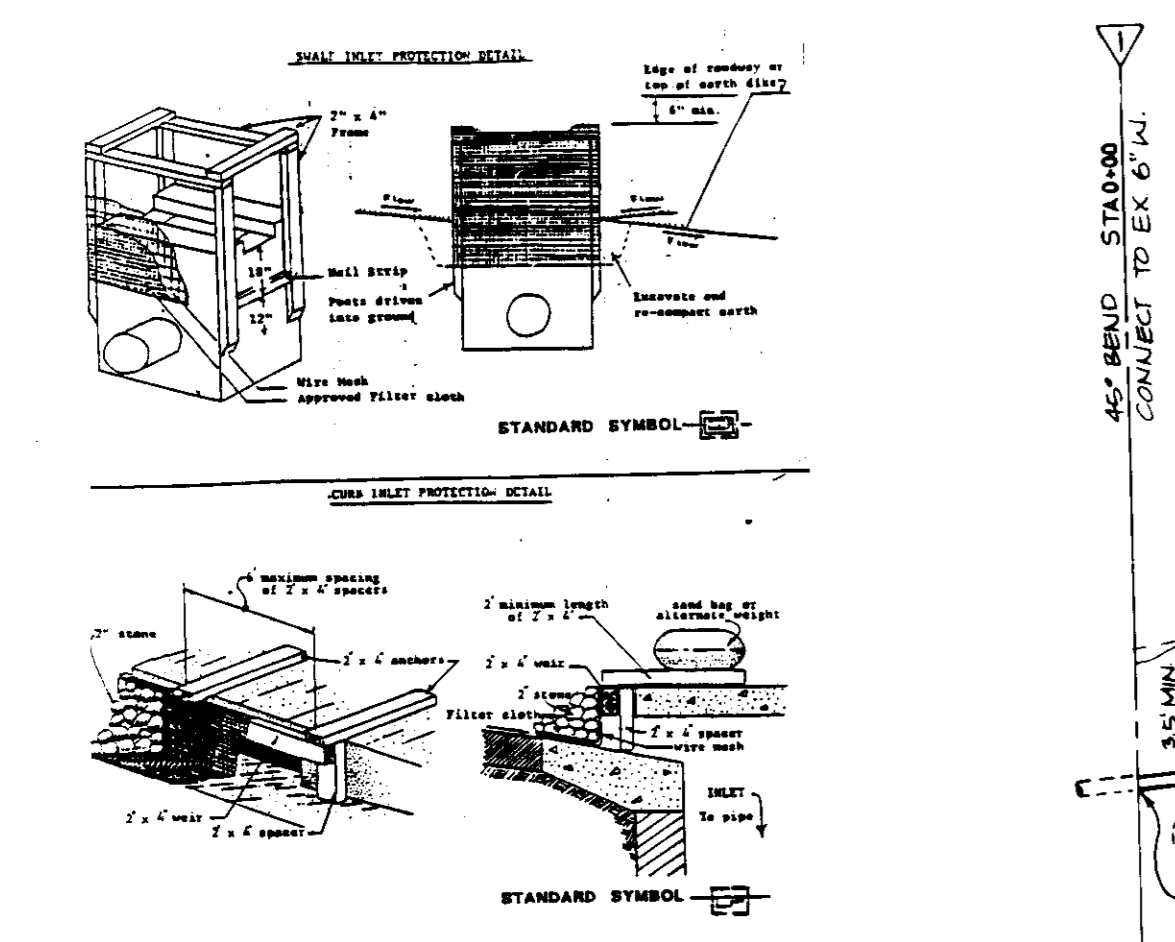


Notes
 STRUCTURE 15-1 SHALL BE 48" DIA STANDARD PRECAST MANHOLE PER HOWARD COUNTY STANDARDS CASTING SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS. CASTING BETWEEN CASTING FRAME AND TOP LEVELING COURSE TO MATCH LEVELING COURSE O.D. CUT INTO THE PLATE. A 6" DIAMETER HOLE CENTERED IN THE PLATE. SEE DETAIL 1, SHEET 1.06
 AREA OF GRADING SHOWN ON THIS SHEET SHALL BE STABILIZED WITH PERMANENT SEEDING IN ACCORDANCE WITH MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. USE SEED MIX NO. 2 IN TABLE 5.11 OF THE STANDARDS.
 SEE THE SOIL EROSION AND SEDIMENT CONTROL PLAN FOR ADDITIONAL SEDIMENT CONTROL REQUIREMENTS.

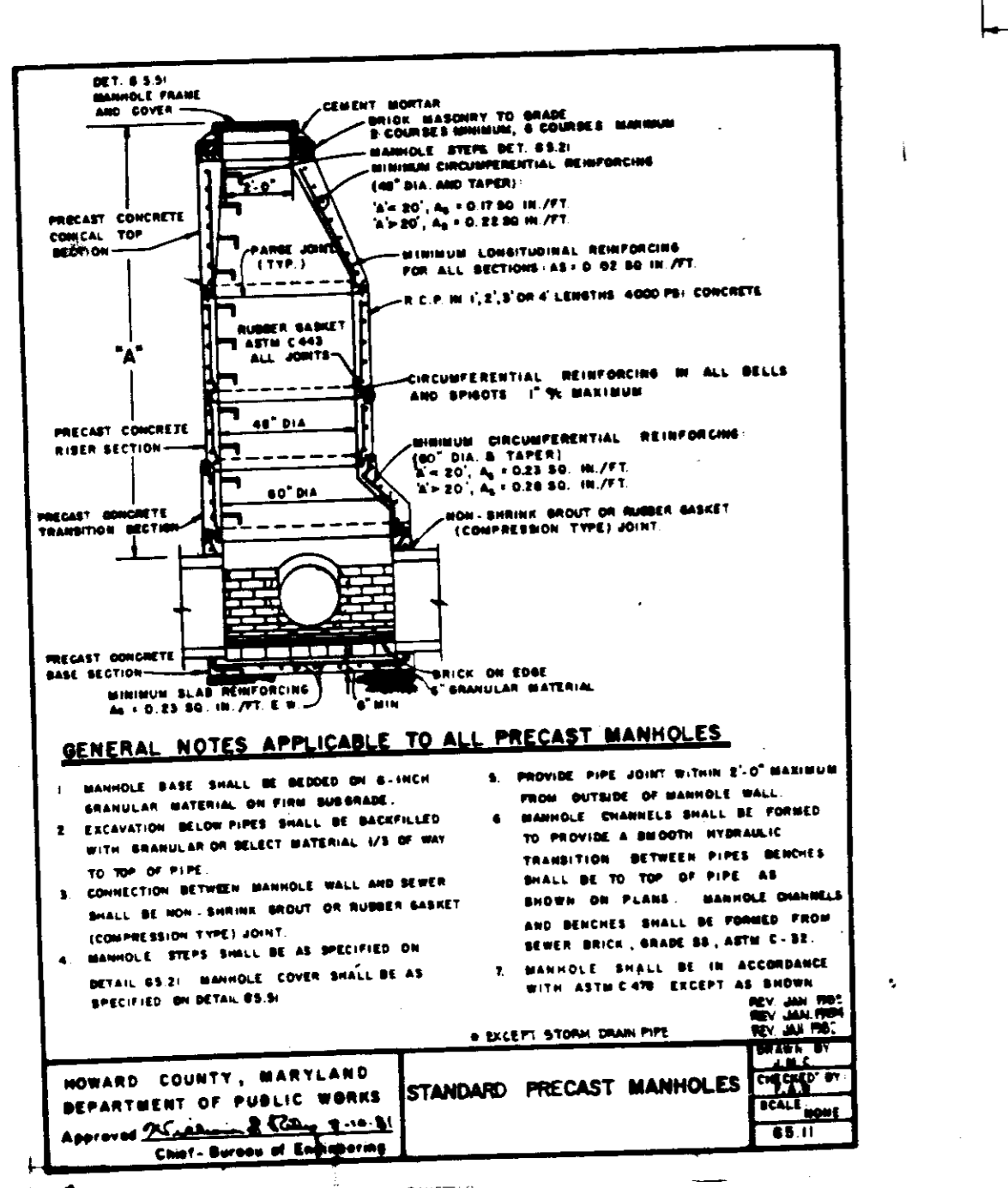
Legend
 ■■■■■ CONSTRUCTION LIMIT LINE
 □ INLET PROTECTION
 ▭ EXISTING GRADES
 ▭ NEAL GRADES
 ▭ STRAW BALE DIKE
 ▭ RIPRAP OUTLET PROTECTION
 ▭ LIMITS OF DISTURBANCE



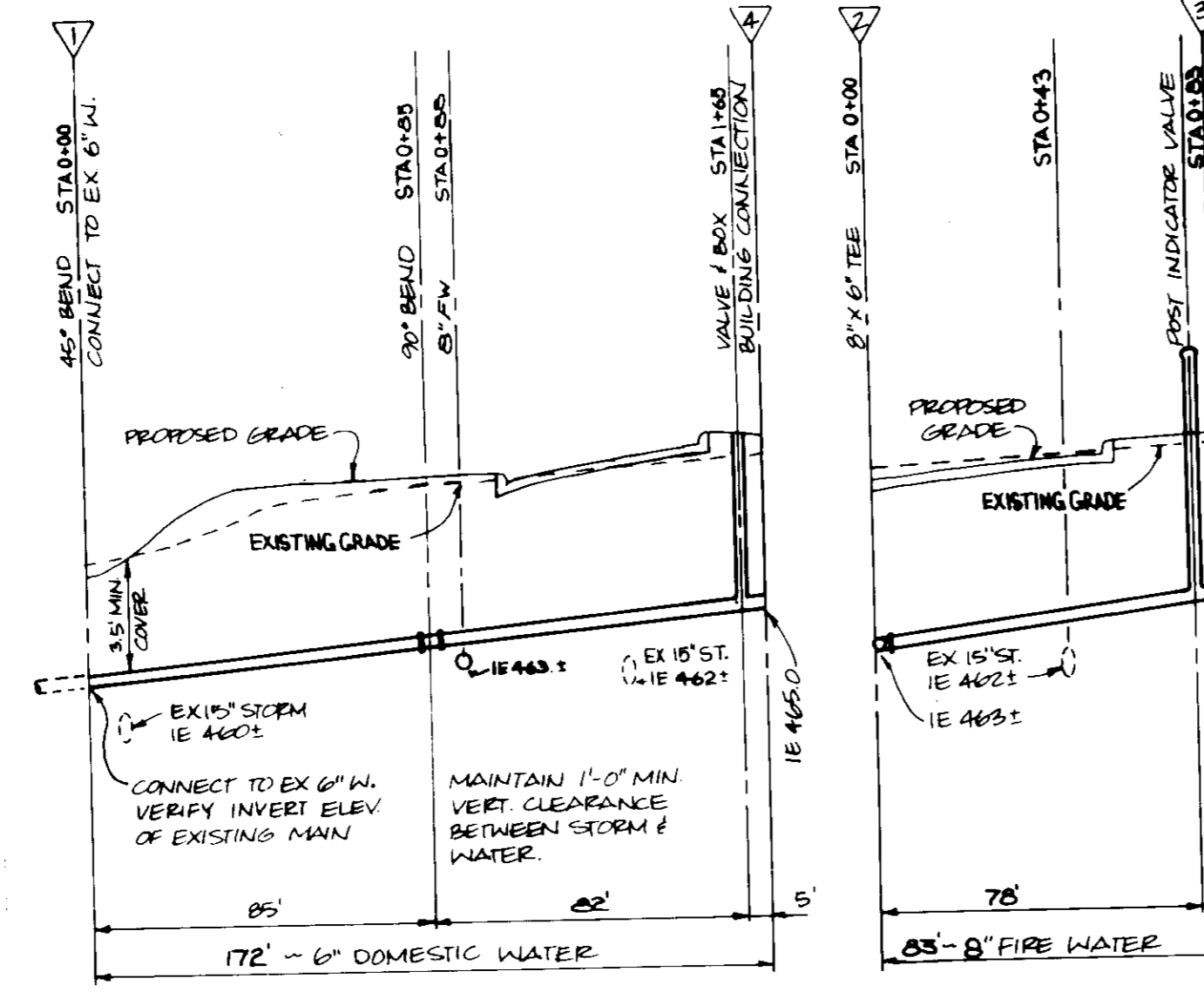
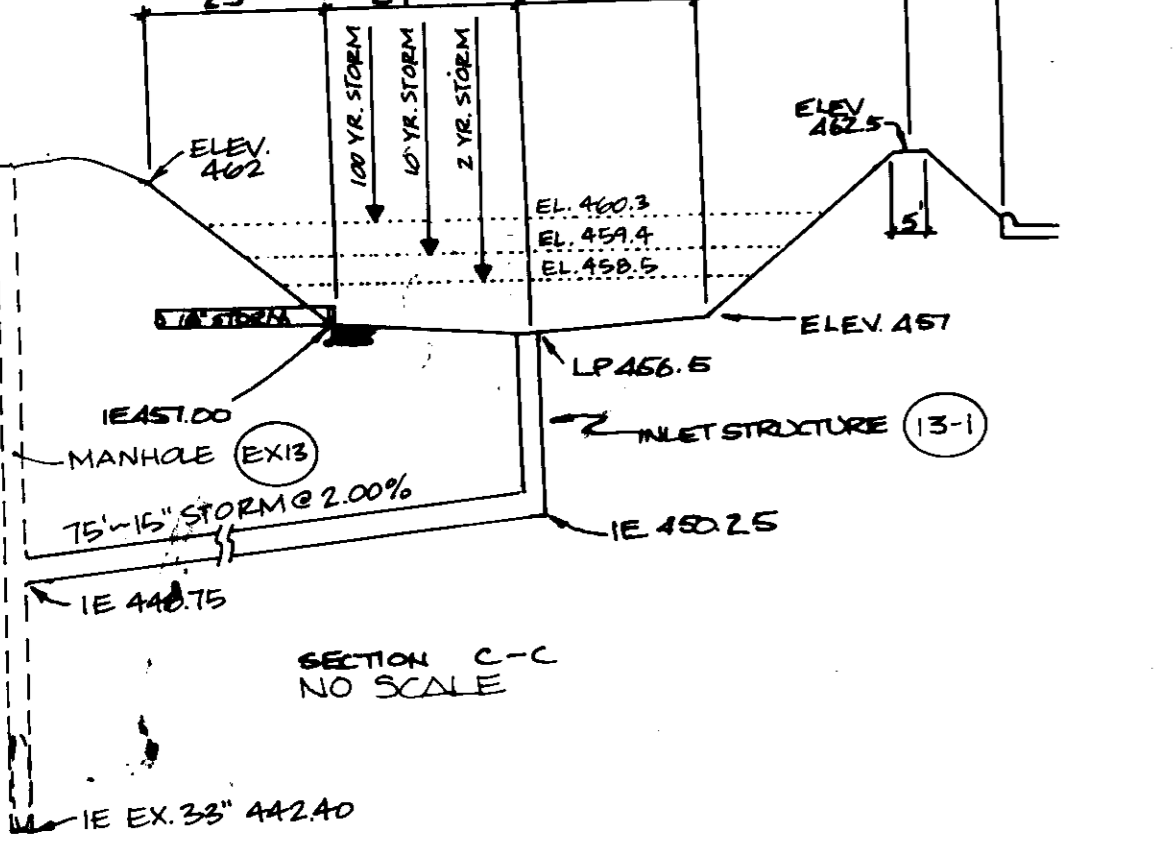
FUEL TANK ACCESS ADJUSTMENT
 NO SCALE



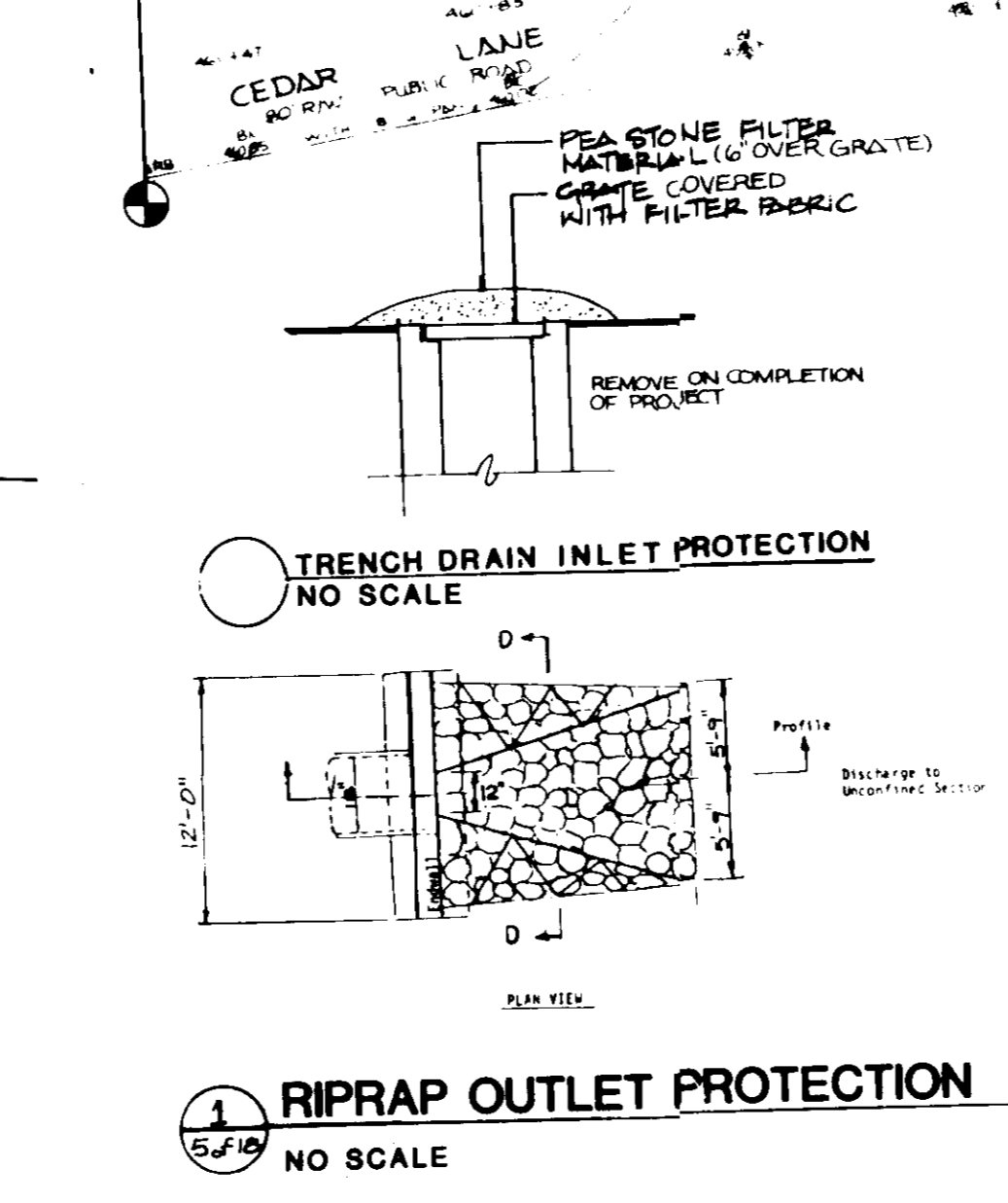
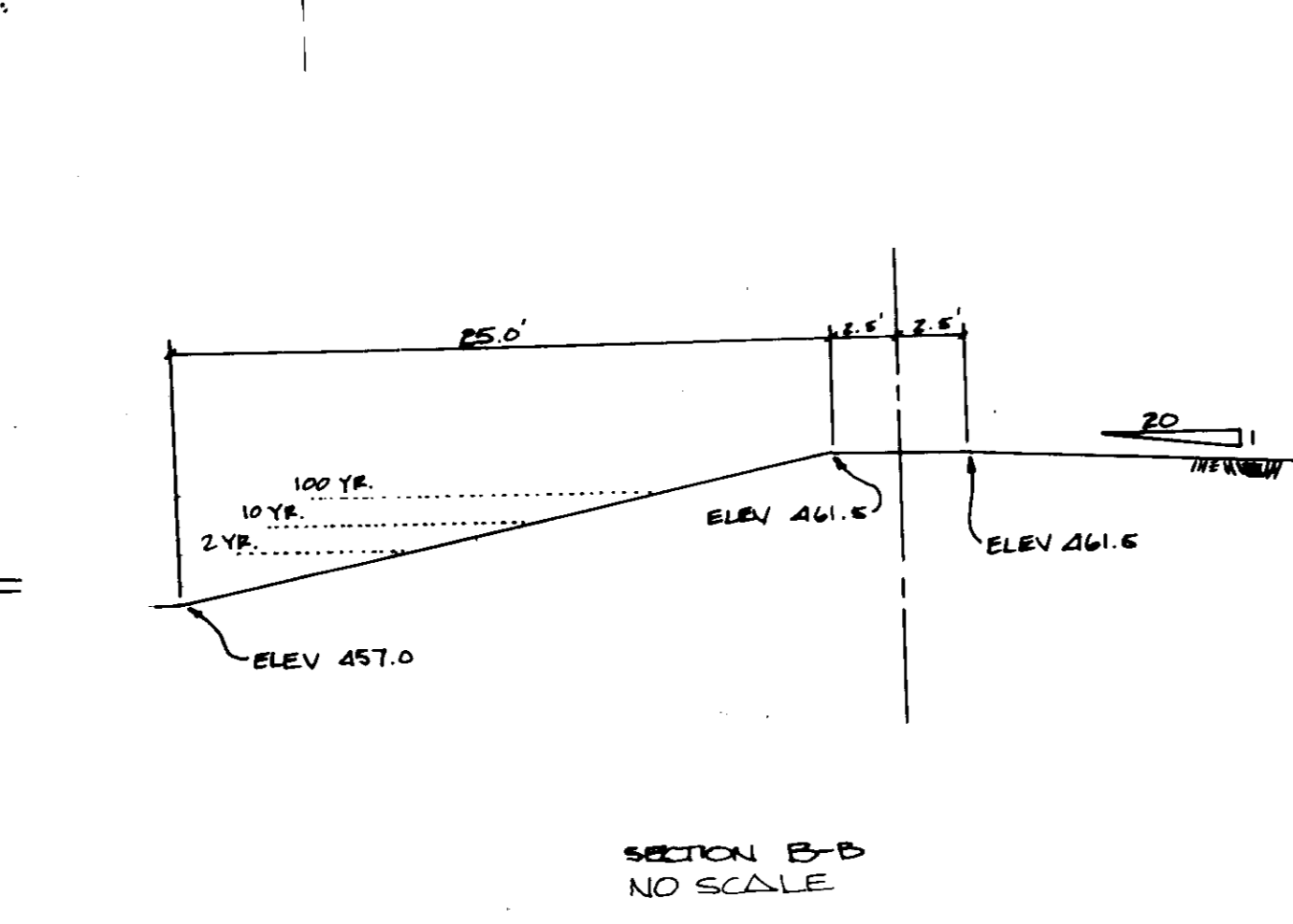
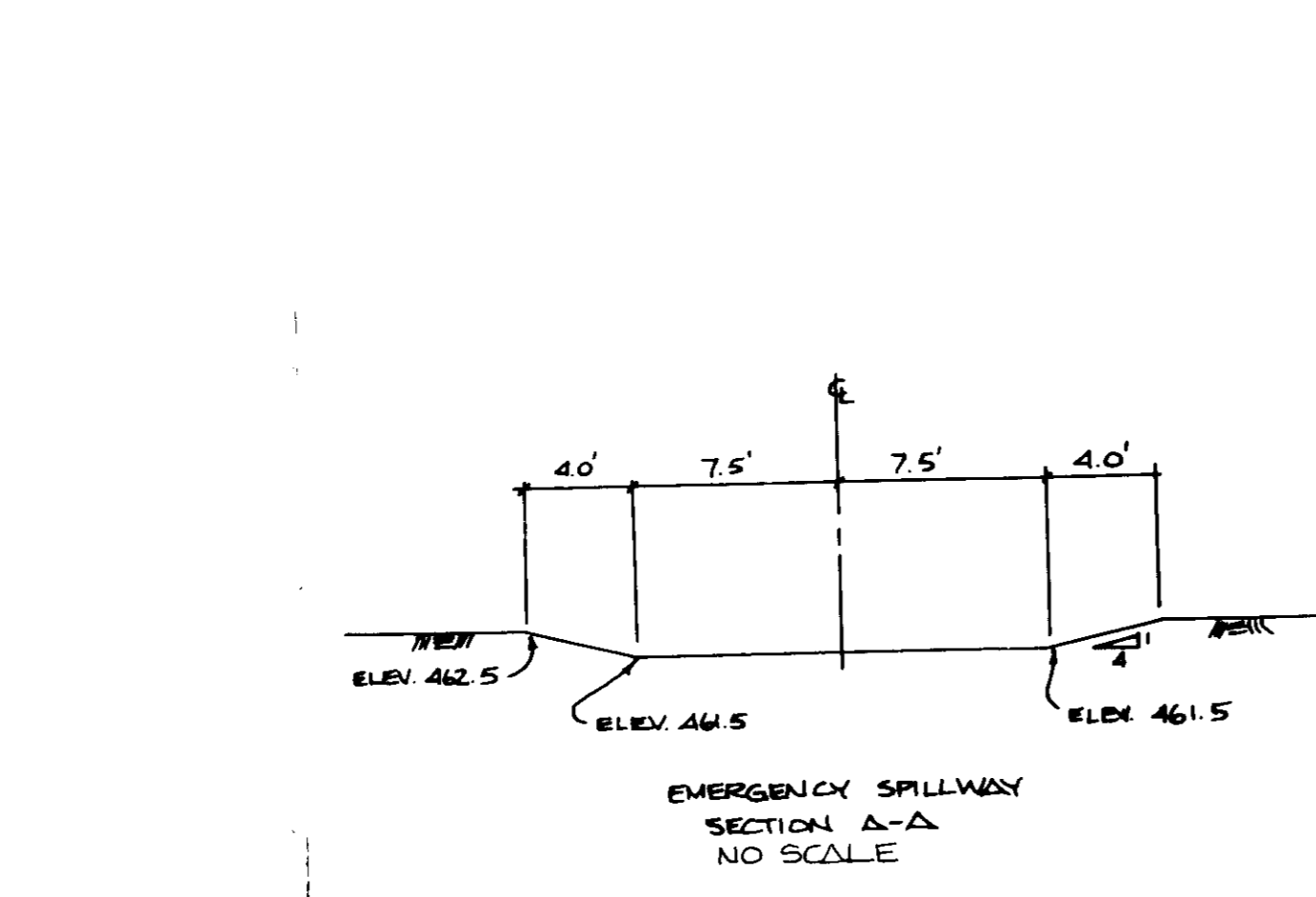
INLET PROTECTION DEVICES
 NO SCALE



Storm Manhole
 NO SCALE



WATER SERVICE PROFILES
 SEE CIVIL ENGINEERING PLAN



RIPRAP OUTLET PROTECTION
 NO SCALE

project name/owner's name
Building Additions to SDP-86-207
and SDP-86-246

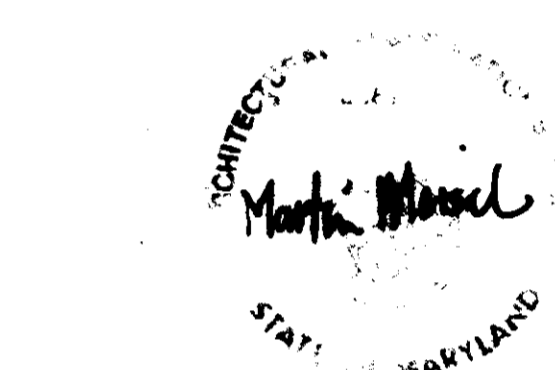
**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature
James P. Kelly

project engineer
DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature



issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86
DINING ROOM ADDITION	1-27-88

7-9-86
M. HMM

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5755 CEDAR LANE
	COLUMBIA MARYLAND 21044
SUBDIVISION NAME	FEET, ACRES, LOT, PARCELS
TC	0/2 LOT 2
PLAN - 1/4" = 1' BLOCK 1 1/2" = 1' TAX MAP NO. 25 5" = 100' DIST. CENTER TO	3648 15 PDR 25 5" 100' DIST. CENTER TO
PLATE CODE	5522500

HOWARD COUNTY, MARYLAND

drawn by *BJT*

checked by *ERM*

sheet title
Site Grading Plan

sheet number

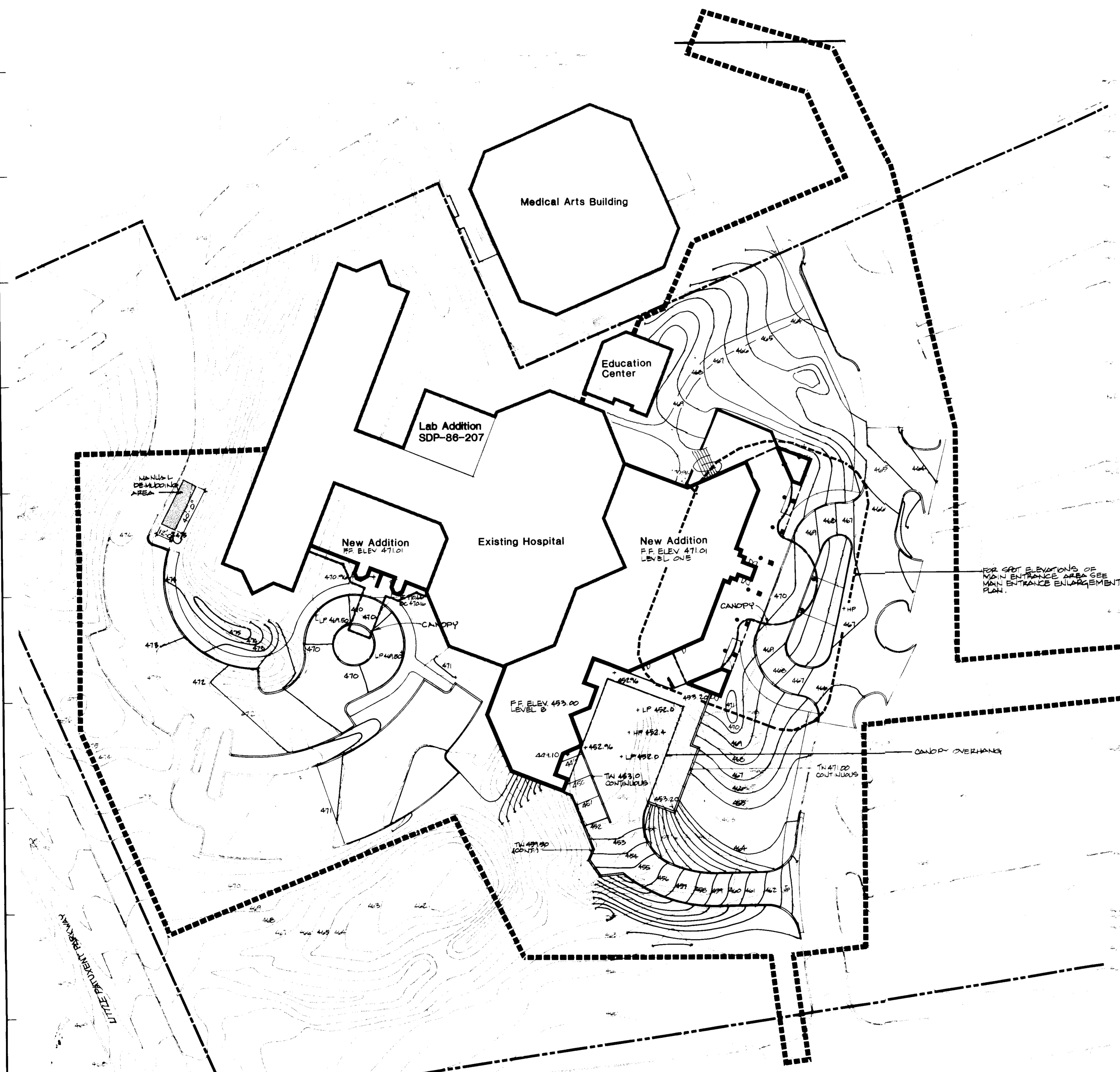
6 of 18
SDP-86-269

Notes

1. FIELD VERIFY EXISTING GRADES AND LOCATIONS OF EXISTING TREES, UTILITIES, PIPES, LINES, PIPES AND OTHER SITE STRUCTURES PRIOR TO COMMENCING WORK AND IMMEDIATELY INFORM THE ARCHITECT OF ANY DISCREPANCIES.
2. MATCH GRADES AT THE INTERFACE OF NEW AND EXISTING PAVING.
3. FOR SPOT ELEVATIONS OF MAIN ENTRANCE AREA SEE MAIN ENTRANCE ENLARGEMENT PLAN.

Legend

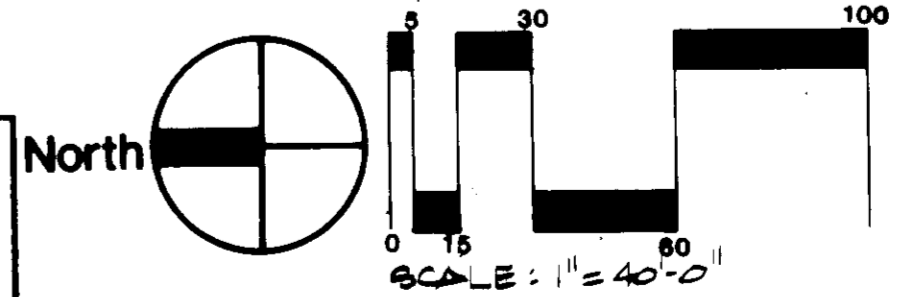
- NEW GRADE
- EXISTING GRADE
- TOP OF WALL
- LOW POINT
- HIGH POINT
- SPOT ELEVATION
- AREA OF ENLARGEMENT



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
James P. Kelly
COUNTY HEALTH OFFICER
DATE: 11-25-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John W. Muehlman
DIRECTOR
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 11-26-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
David Roe
DIRECTOR
CHIEF BUREAU OF ENGINEERING
DATE: 11-24-86

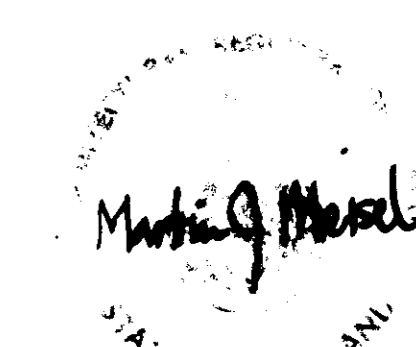


By the Developer:
"I hereby certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Approval from the Department of Natural Resources Approval Training Program for the Control of Sedimentation before beginning the project."
James P. Kelly
DATE: 11-21-86

By the Engineer:
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site, conditions and that it was prepared in accordance with the requirements of the Maryland Department of Natural Resources."
David Roe
DATE: 10-3-86

Reviewed for HOWARD S.E.A.
and meets technical requirements.
D. Helms
DATE: 11-24-86

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Robert Zahn
DATE: 11-24-86



item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86
DINING ROOM ADDITION	1-27-88

APPROVED
PLANNING & ZONING
7-9-86
[Signature]

LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL 5195 CEDAR LANE COLUMBIA MARYLAND 21044

REGISTERED ARCHITECT: TC
REGISTERED ENGINEER: IDG
DATE: 5-22-80

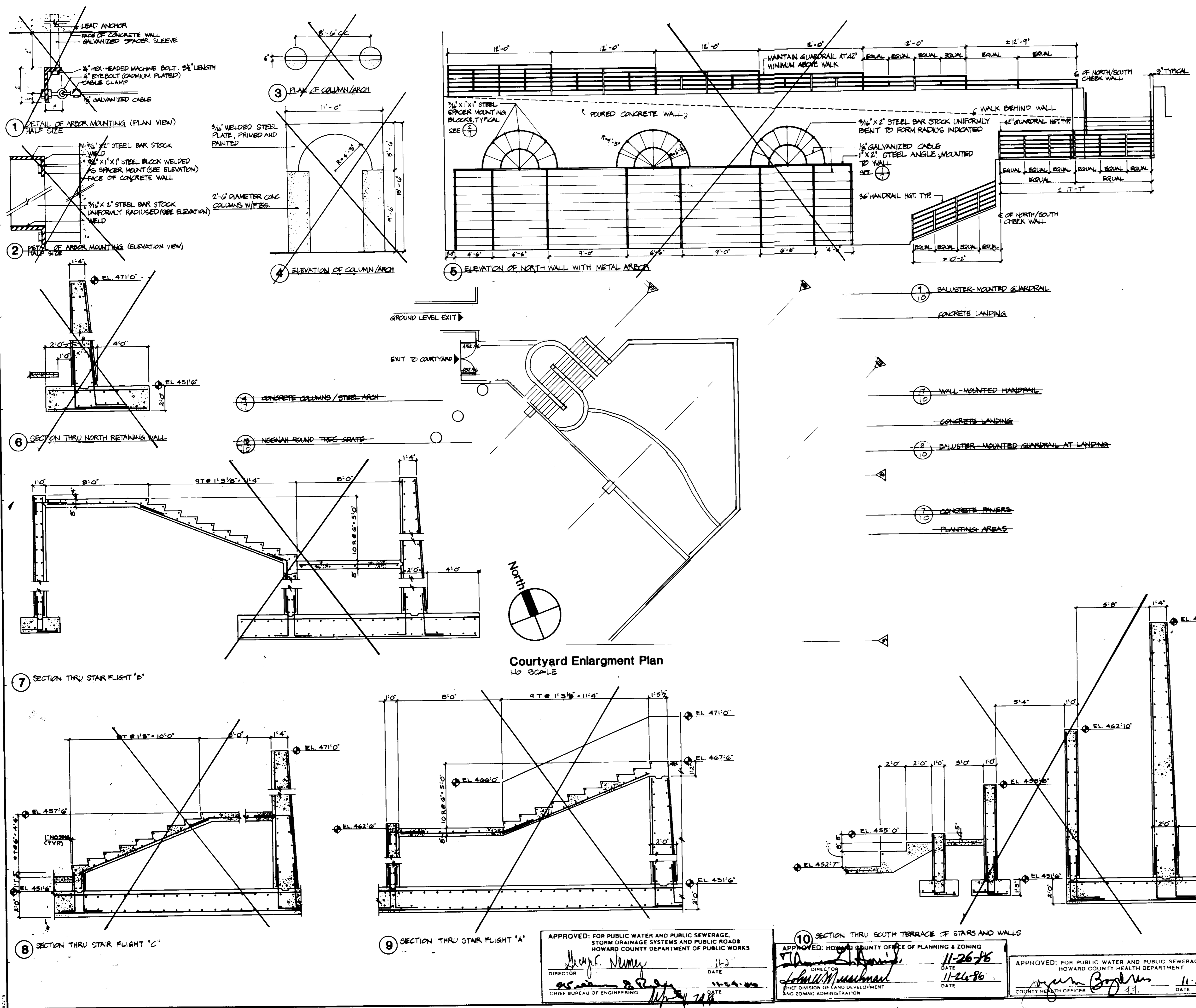
HOWARD COUNTY, MARYLAND

drawn by	checked by
AB/BNT	ERM

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
11-26-86
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
11-21-86

sheet title
**Site Courtyard
Enlargement**

sheet number
7 of 18
SDP-86-269



project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature
[Signature]

project engineer
DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature
[Seal]
MAY 1986
STATE OF MARYLAND

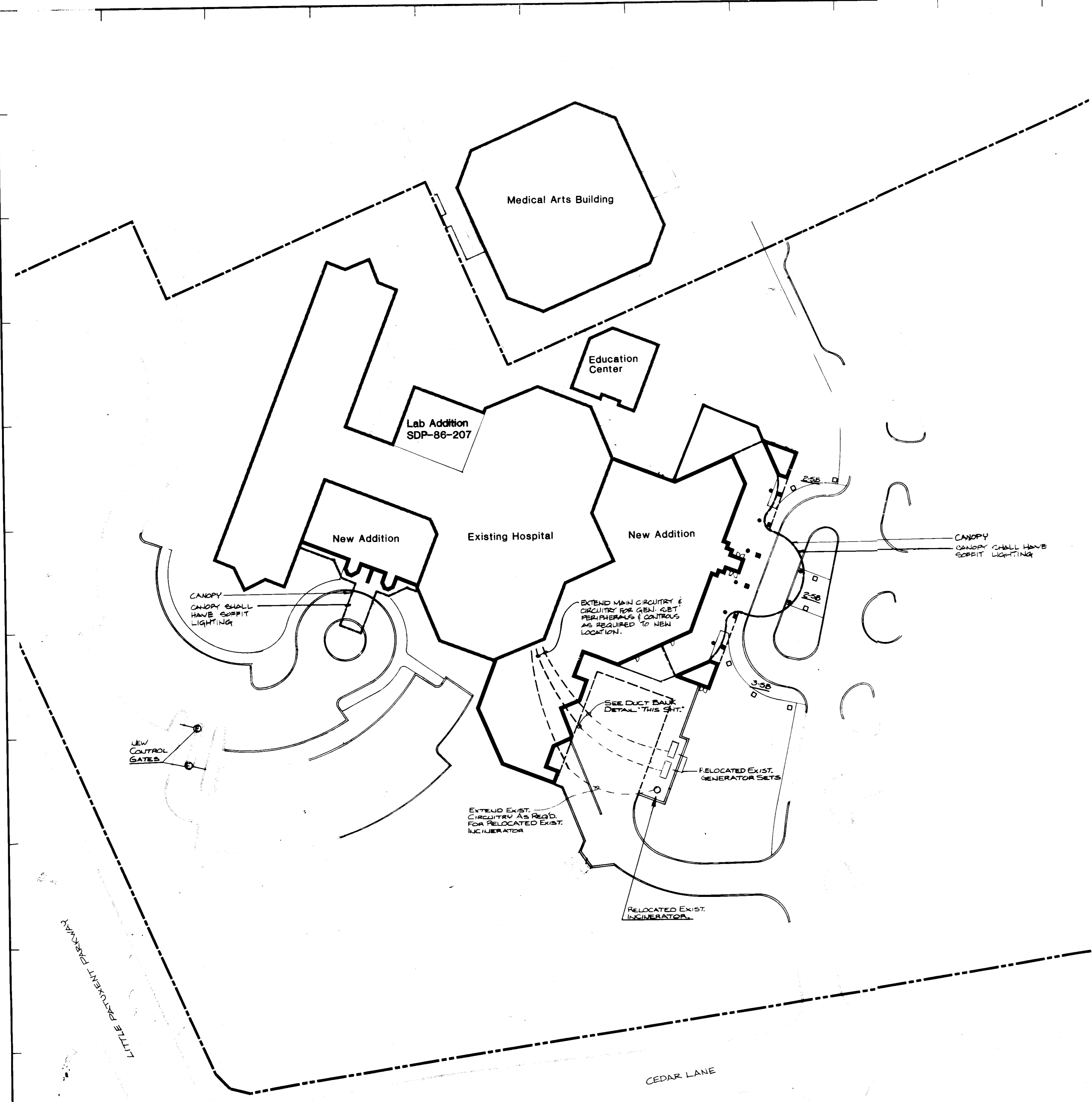
issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-2-86
SITE PLAN SUBMITTAL	11-18-86
ADDED SANITARY SEWER	9-9-87
REVISED INCUBATOR & CONTROL W.C.	11-30-87
DINING ROOM ADDITION	1-27-88
SANITARY SEWER REV.	4-5-88

drawn by
checked by

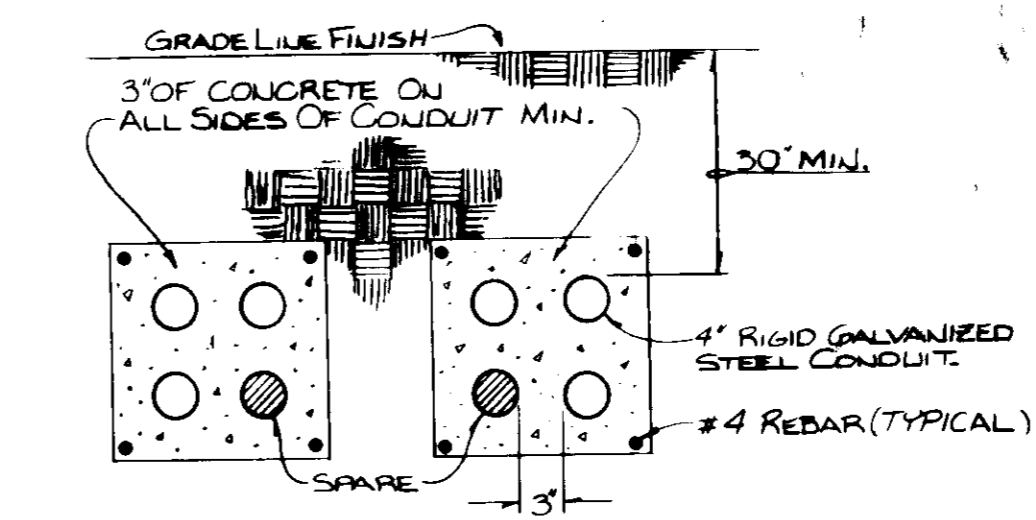
sheet title
Electrical Site Plan

sheet number
8 of 18
SDP-86-269

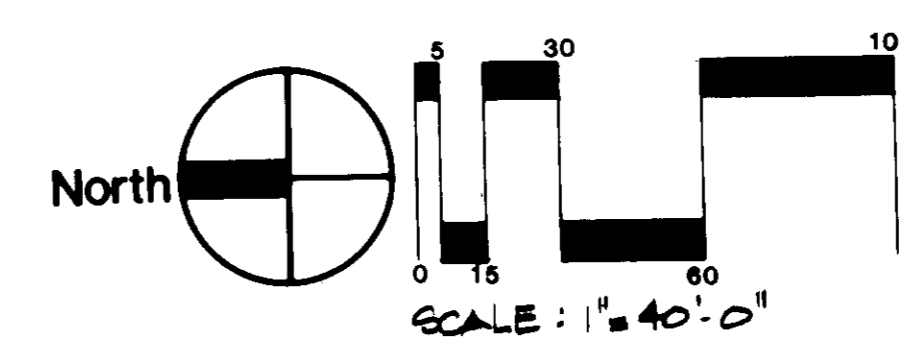


Notes
REFER TO SHEET 17 FOR ELEVATIONS OF LIGHTING

- Legend**
- BOLLARD LIGHT TYPE SB
 - WALL LIGHT TYPE SC
 - WALL LIGHT TYPE SA



DUCT BANK DETAIL FOR UNDERGROUND ELECTRICAL SERVICES
NO SCALE



7-9-86
HLM

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5755 CEDAR LANE
	COLUMBIA, MARYLAND 21044

SUBDIVISION NAME	ELECT. JURISDICTION	REG. ADDRESS
TC	8/2	LOT 2
PERM. TO CONN. BLOCK	10/25	10/25
3/6/86	10/25	10/25
MAPER CODE	10/25	10/25
10/25	10/25	10/25

HOWARD COUNTY, MARYLAND

By the Developer:
I/We certify that all development and 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 Department of Health Inspection Approved Training Program for the Control of Sepsis and Enteric Infections before beginning the project.

By the Engineer:
I certify that this plan for protection and sediment control represents a practical and feasible plan based on the best available information and that it was prepared in accordance with the requirements of the Maryland Department of Health and General Services, Department of Health Inspection, Division of Environmental Health.

Approved: *[Signature]* 11-21-86
Director

Approved: *[Signature]* 11-21-86
Chief Bureau of Engineering

Approved: *[Signature]* 11-25-86
County Health Officer

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 11-26-86
Director

[Signature] 11-26-86
Chief Division of Land Development and Zoning Administration

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-25-86
Director

[Signature] 11-25-86
Chief Bureau of Engineering

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 11-25-86
County Health Officer

ADDRESS CHART	
LOT NUMBER	STREET ADDRESSES
2	HOWARD COUNTY GENERAL HOSPITAL 5755 CEDAR LANE COLUMBIA, MARYLAND 21044

SECTION	DATE	BY
10	11/24/86	ERM

HOWARD COUNTY, MARYLAND

drawn by EJT

checked by ERM

sheet title
**Main Entrance
Enlargement**

sheet number

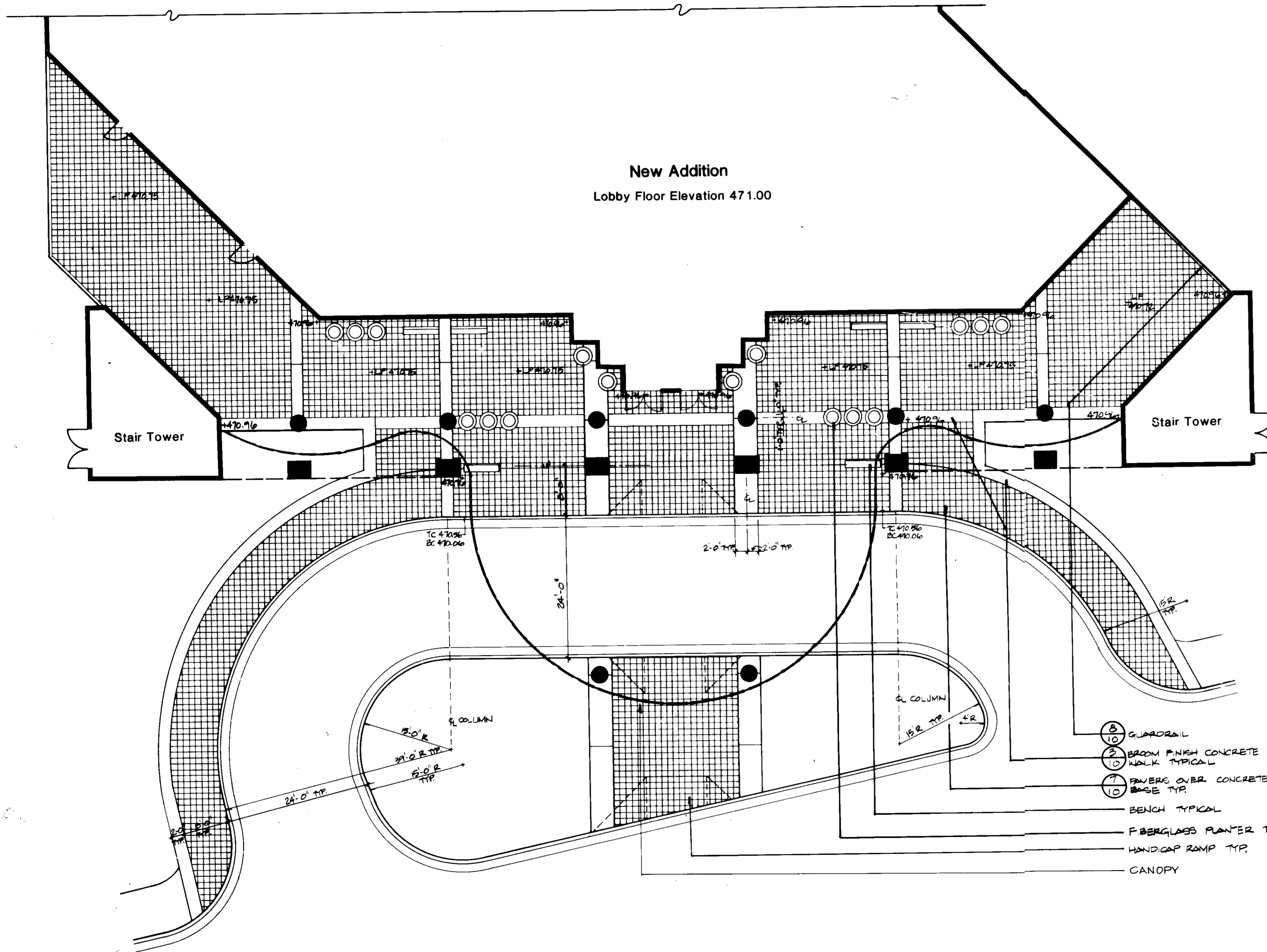
9 of 18
SDP-86-269

Notes

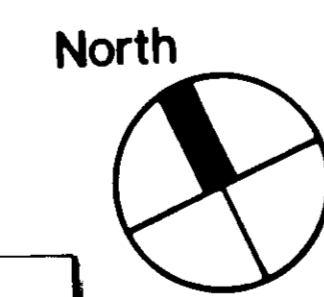
1. FIELD VERIFY EXISTING GRADES AND LOCATIONS OF EXISTING UTILITIES, CONDUIT, LINES, PIPES AND OTHER SITE STRUCTURES PRIOR TO DEMOLITION.
2. ALL DIMENSIONS ARE FROM BACK OF CURB TO BACK OF CURB OR FACE OF WALL UNLESS OTHERWISE NOTED.
3. COORDINATE SITE LAYOUT WITH DEMOLITION.
4. FOR LIGHTING LAYOUT SEE SITE ELECTRICAL SHT.

Legend

- + SPOT ELEVATION
- [Grid Pattern] PAVERS
- TC TOP OF CURB
- BC BOTTOM OF CURB
- [Hatched Area] HANDICAP RAMP



- ① GUARDRAIL
- ② BRUSH FINISH CONCRETE
- ③ WALK TYPICAL
- ④ PAVERS OVER CONCRETE
- ⑤ BASE TYP.
- ⑥ BENCH TYPICAL
- ⑦ FIBERGLASS PLANTER TYPICAL
- ⑧ HANDICAP RAMP TYP.
- ⑨ CANOPY



NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE 11-25-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] DATE 11-26-86
[Signature] DATE 11-26-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE 11-24-86
[Signature] DATE 11-24-86

By the Developer:
[Signature] DATE 11/21/86

By the Engineer:
[Signature] DATE 10-3-86

By the Surveyor:
[Signature] DATE 11-24-86

By the Professional Engineer:
[Signature] DATE 11-24-86

project name/owner's name
Building Additions to SDP-86-207 and SDP-86-246
HOWARD COUNTY GENERAL HOSPITAL
COLUMBIA, MARYLAND

project number
8368.00

owner's signature
[Signature]
 project engineer
DAVID ROE PE #4660
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature
[Signature]
 issued for
 7-9-86
 M/4/111

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86

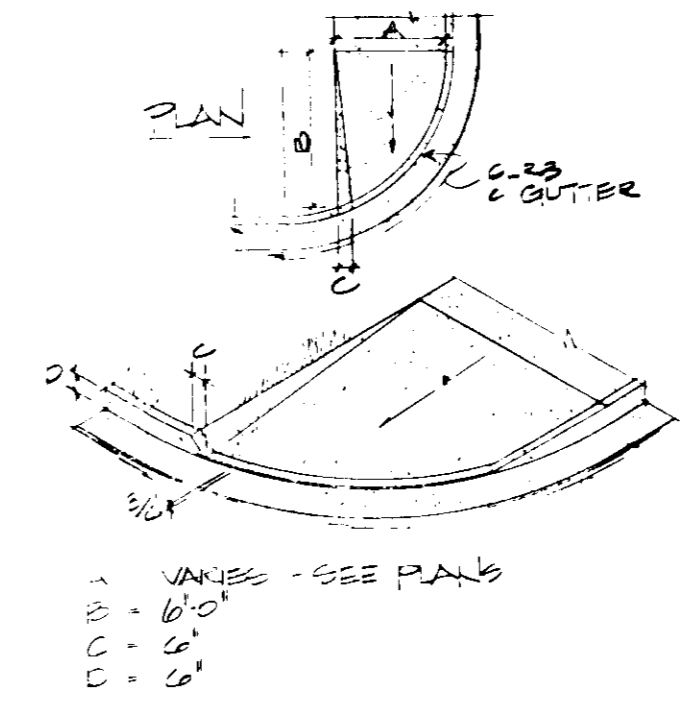
ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5755 CEDAR LANE
	COLUMBIA MARYLAND 21044
SUBDIVISION NAME	PLAT, AREA, LOT, PARCEL
TC	0/2
PLAT, AREA, LOT, PARCEL	NO. DATE, DIST. COUNTY
5/4/85	5/5 15' 1033.02
OWNER CODE	OWNER CODE
376	3522202

HOWARD COUNTY, MARYLAND

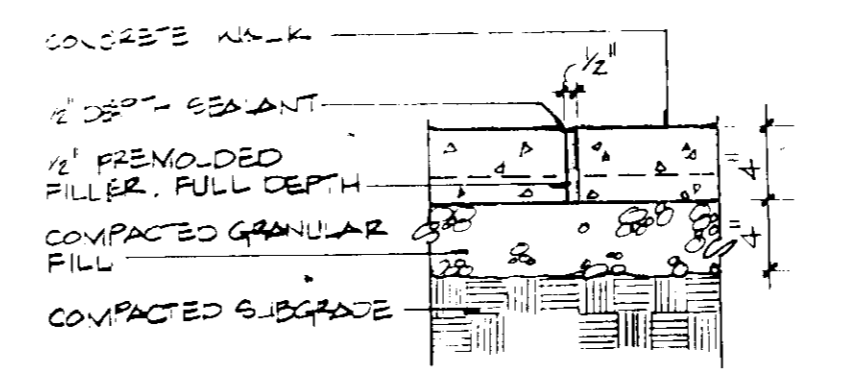
drawn by **BIT**
 checked by **ERM**

sheet title
Site Details

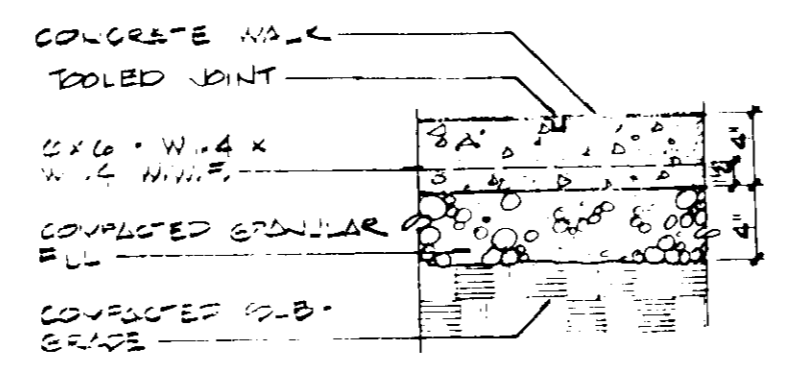
sheet number
10 of 18
SDP-86-269



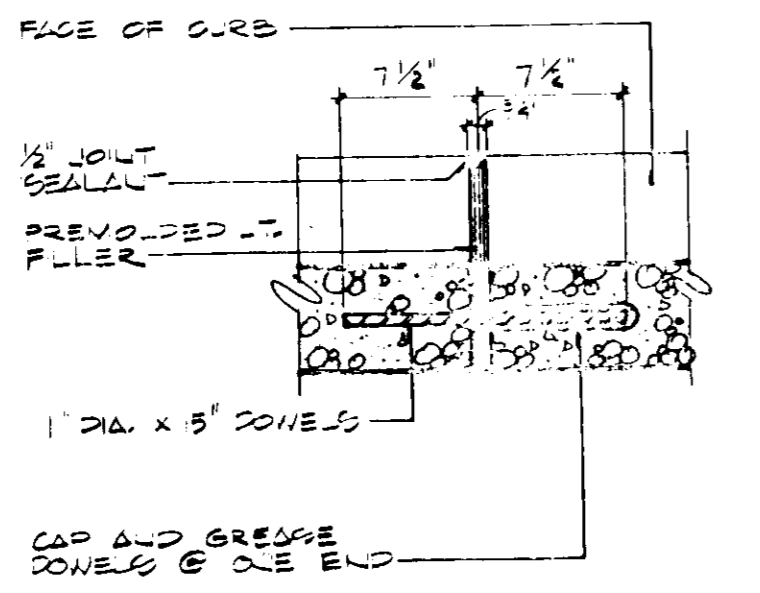
5 HANDICAP RAMP TYPE I NO SCALE



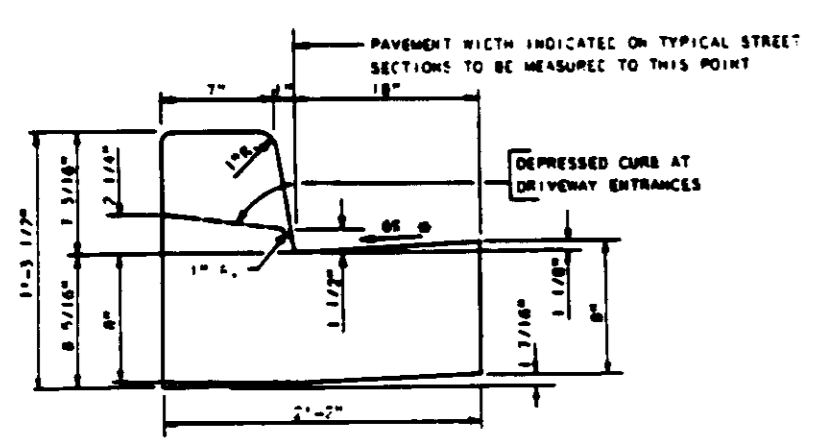
4 EXPANSION JOINT IN WALK NO SCALE



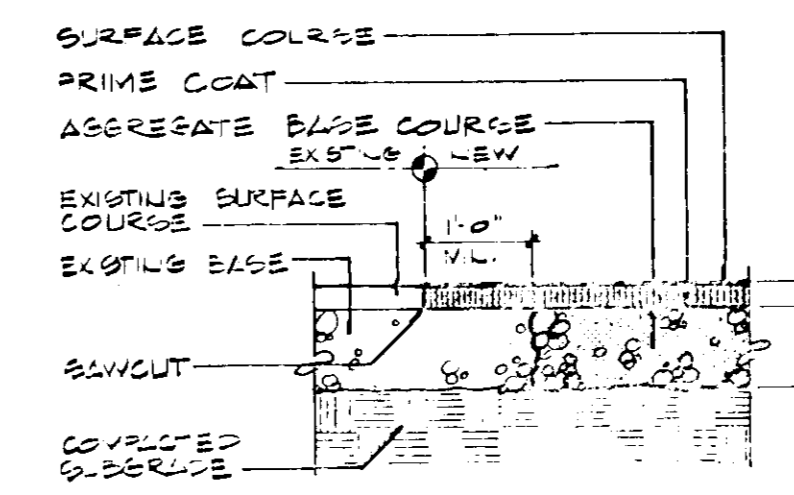
3 CONCRETE WALK NO SCALE



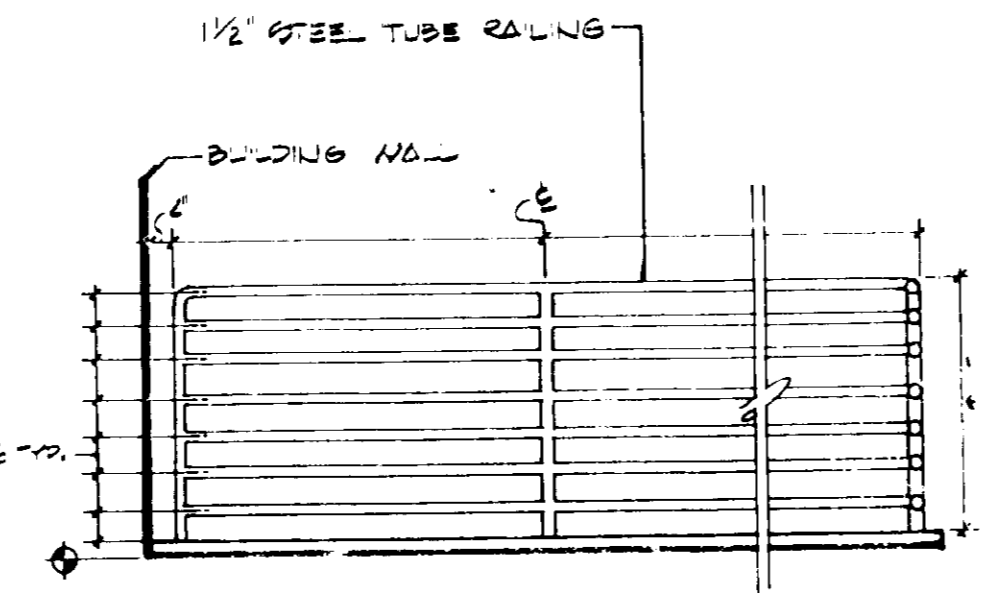
2 EXPANSION JOINT IN CURB NO SCALE



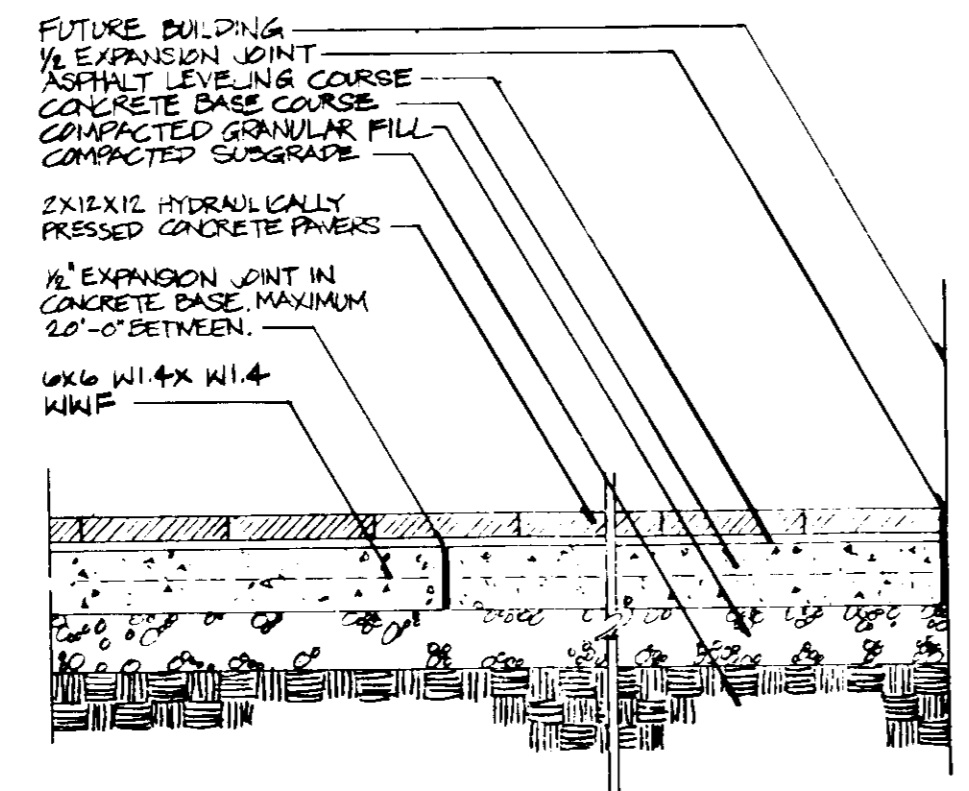
1 CONCRETE CURB & GUTTER NO SCALE



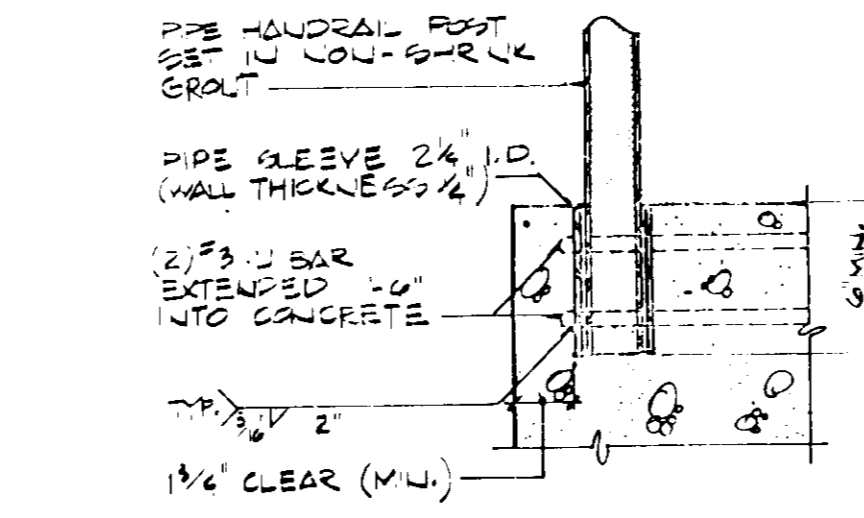
6 HANDICAP RAMP TYPE II NO SCALE



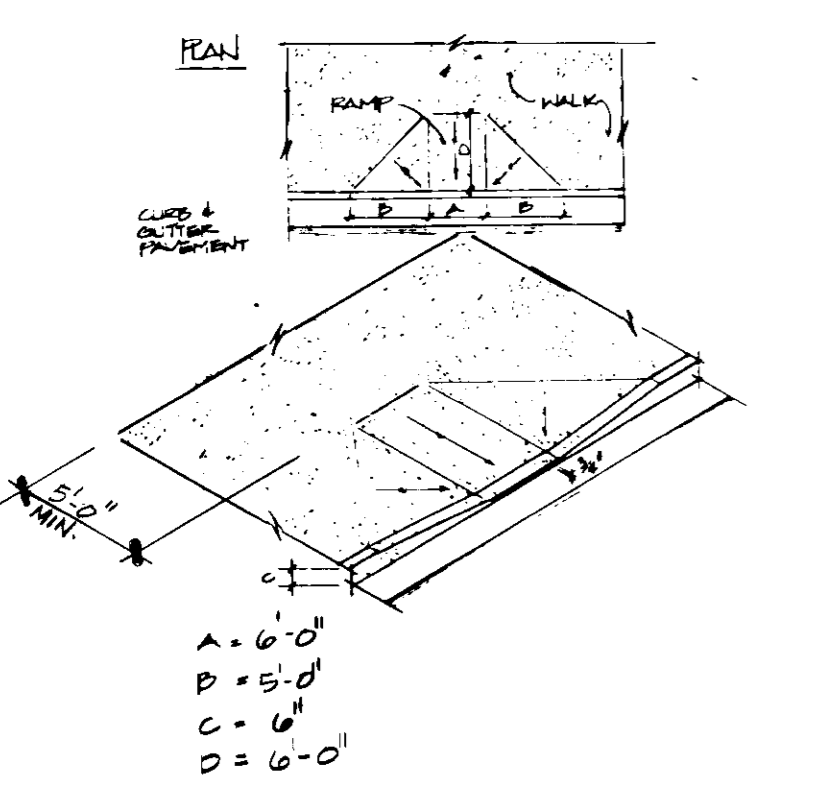
8 GUARDRAIL NO SCALE



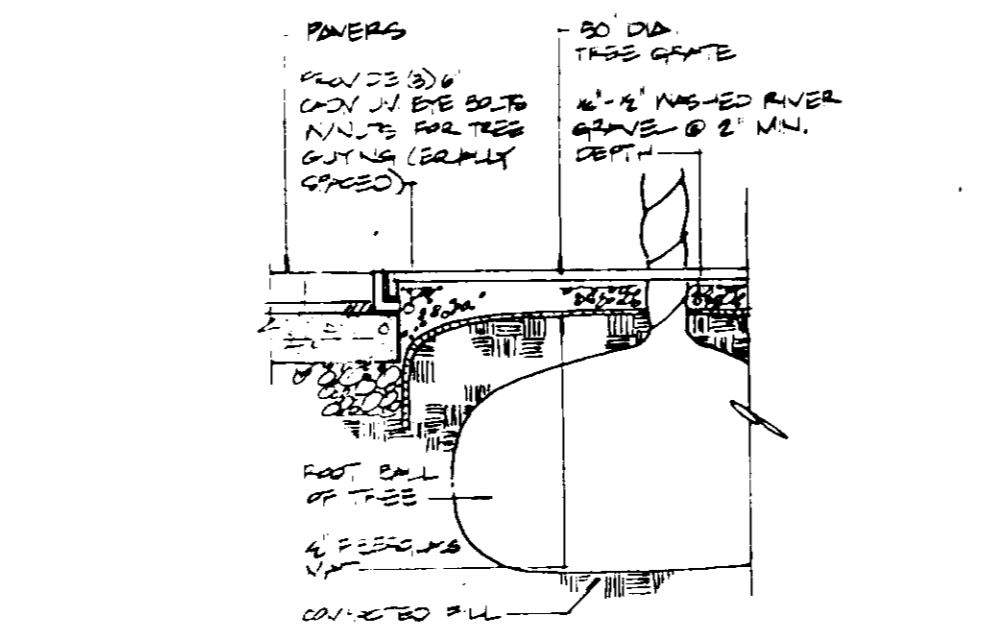
7 CONCRETE PAVERS NO SCALE



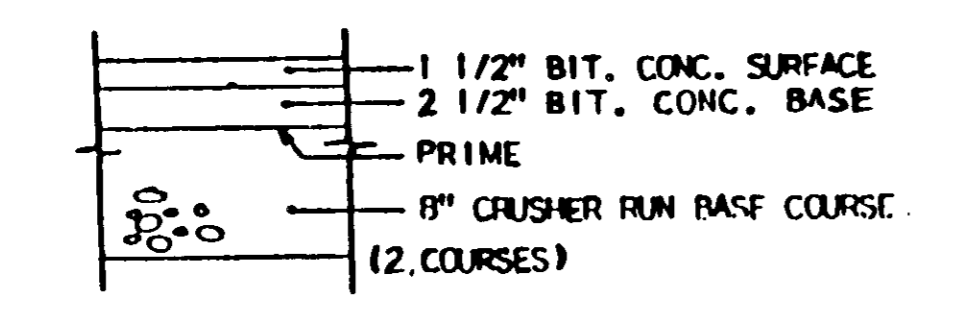
9 BOLLISTER ANCHOR NO SCALE



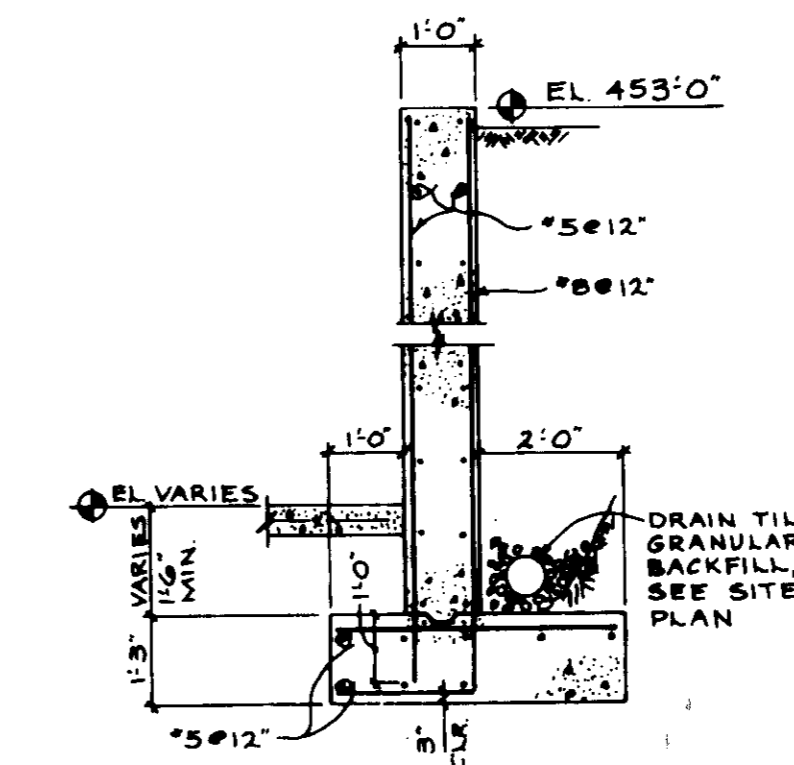
11 BITUMINOUS PAVING AT DRIVES NO SCALE



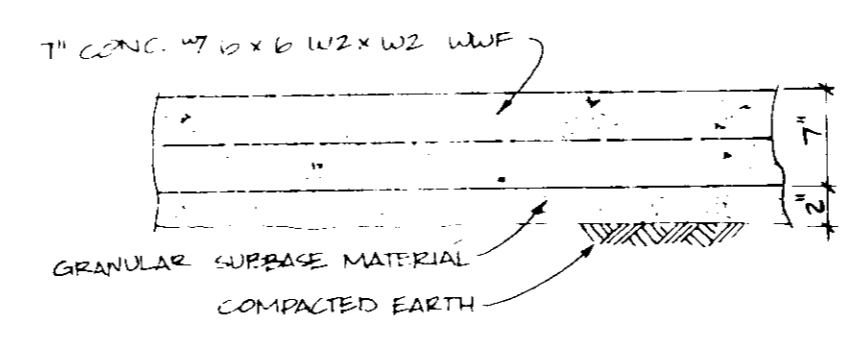
13 TREE GROTE NO SCALE



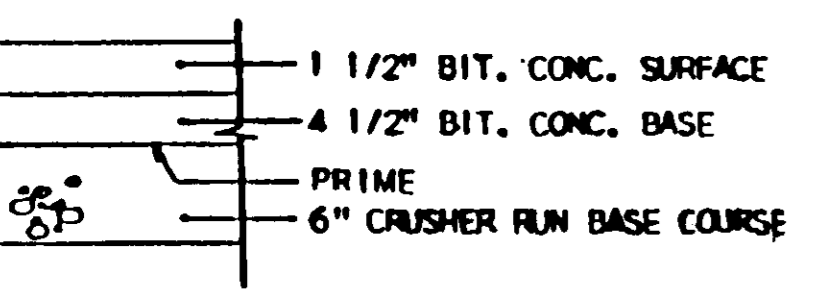
12 BITUMINOUS PAVING AT PARKING NO SCALE



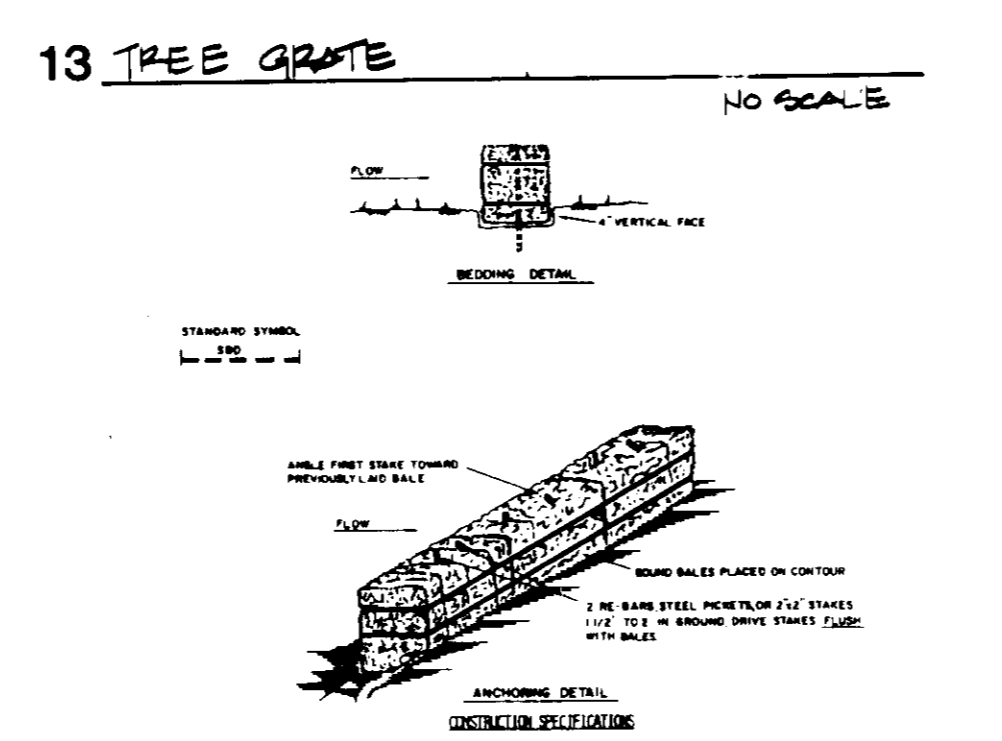
15 RETAINING WALL TYPE 2 AT TRUCK DOCK NO SCALE



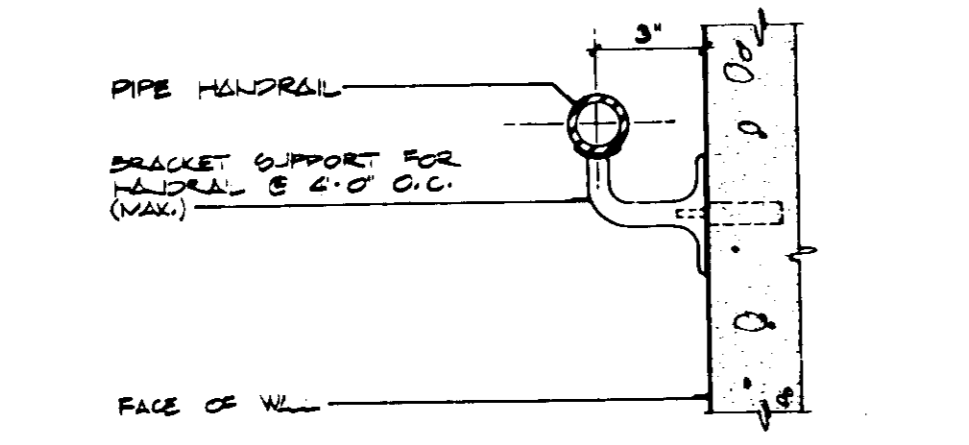
14 CONCRETE PAVING NO SCALE



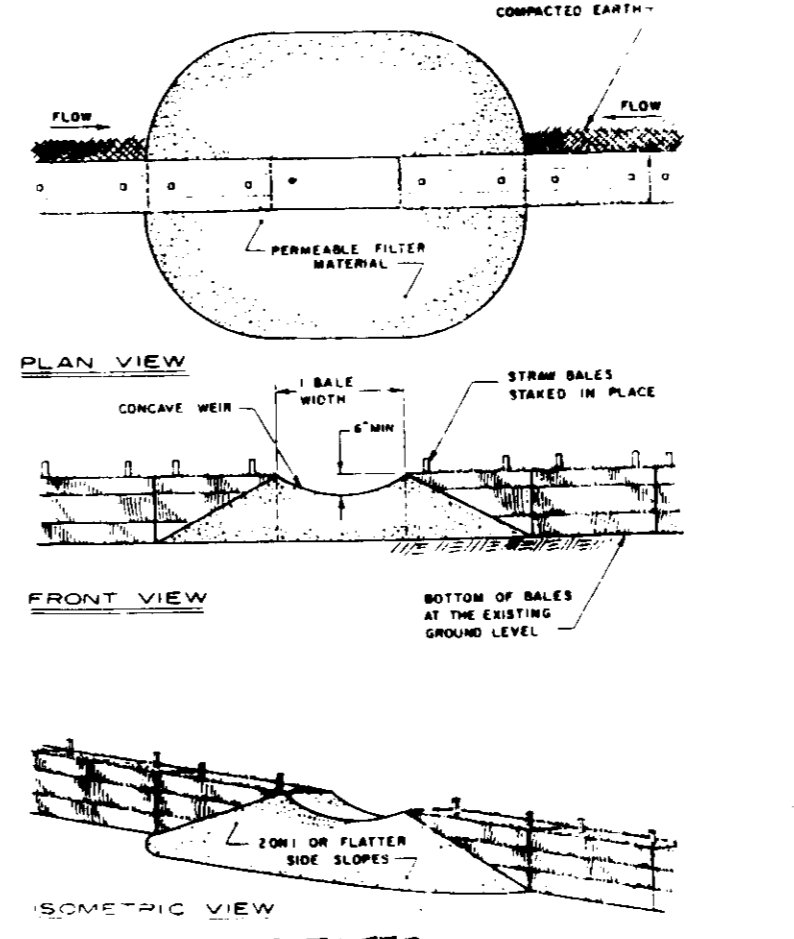
16 TEMPORARY BITUMINOUS CURB NO SCALE



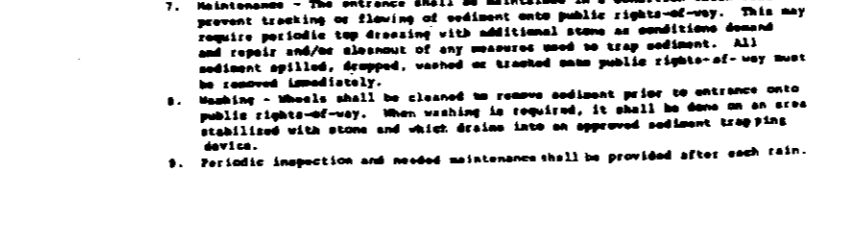
18 STRAW BALE DIKE NO SCALE



17 HANDRAIL SUPPORT NO SCALE



20 STONE OUTLET FILTER NO SCALE



19 STABILIZED CONSTRUCTION ENTRANCE NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 11-24-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DIRECTOR: *[Signature]* DATE: 11-26-86
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS,
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 11-25-86
 CHIEF BUREAU OF ENGINEERING

By the Developer:
 I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction of this project will have a Certificate of Attendance at a Department of Health Inspection Training Program for the Department of Health Inspection and Sanitation before beginning the project.
 Signature: *[Signature]* DATE: 11/24/86
 Title: *[Title]*

By the Engineer:
 I certify that this plan for erosion and sediment control represents a practical and applicable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Department of Health Inspection.
 Signature: *[Signature]* DATE: 10-3-86
 Title: *[Title]*

Reviewed for Howard County, S.E.D.
 Signature: *[Signature]* DATE: 11-24-86
 Title: *[Title]*

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF HEALTH INSPECTION AND SANITATION.
 Signature: *[Signature]* DATE: 11-24-86
 Title: *[Title]*

Drawer 310
Plaza Centre One
Iowa City, Iowa 52244
319 354 4700

Iowa City, Iowa
Chicago, Illinois
Orlando, Florida

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL
COLUMBIA, MARYLAND**

project number

8368.00

owner's signature

project engineer

DAVID ROE RE. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

issued for

item date
SITE PLAN SUBMITTAL 8-11-86
SITE PLAN SUBMITTAL 10-3-86
SITE PLAN SUBMITTAL 11-18-86

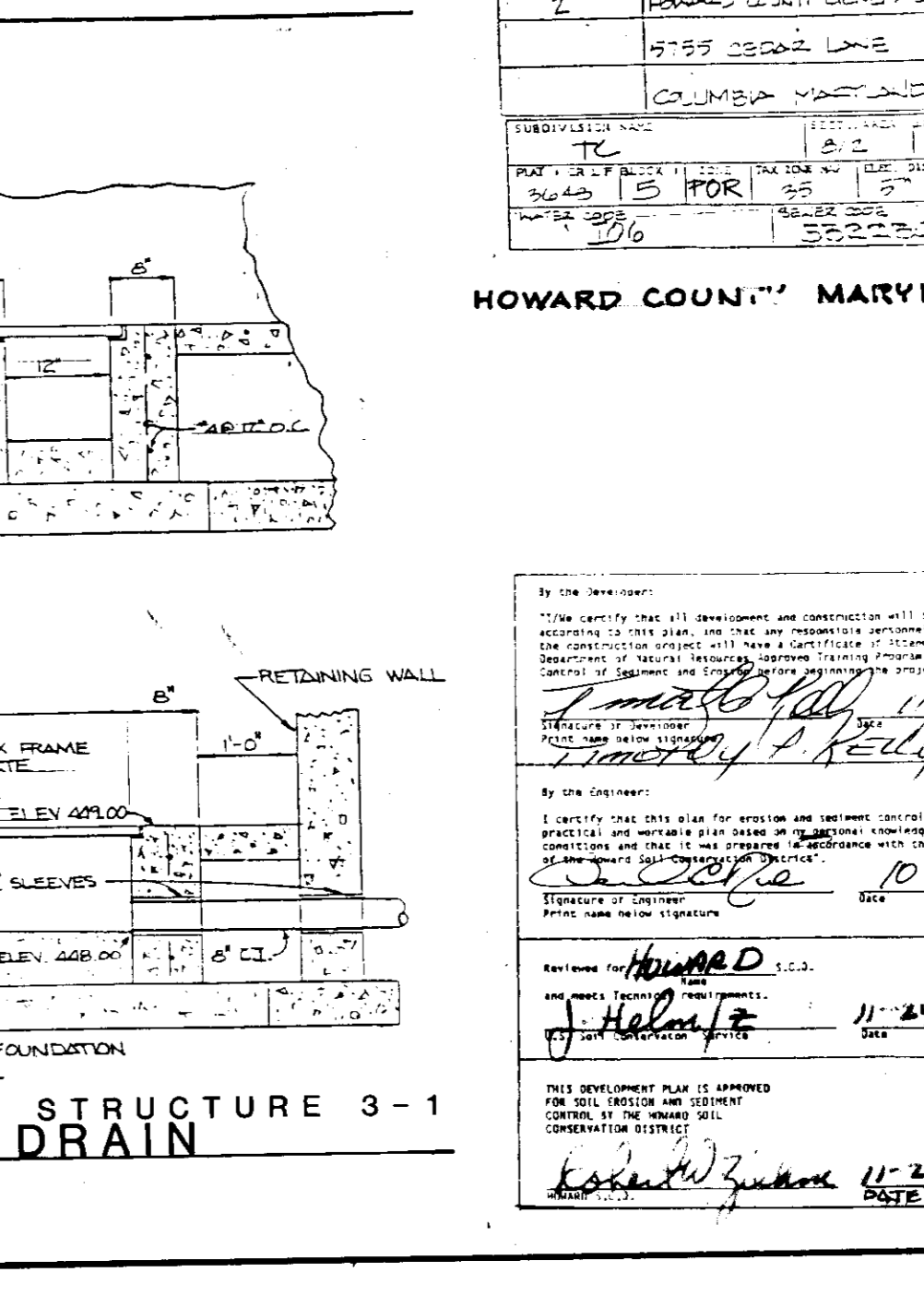
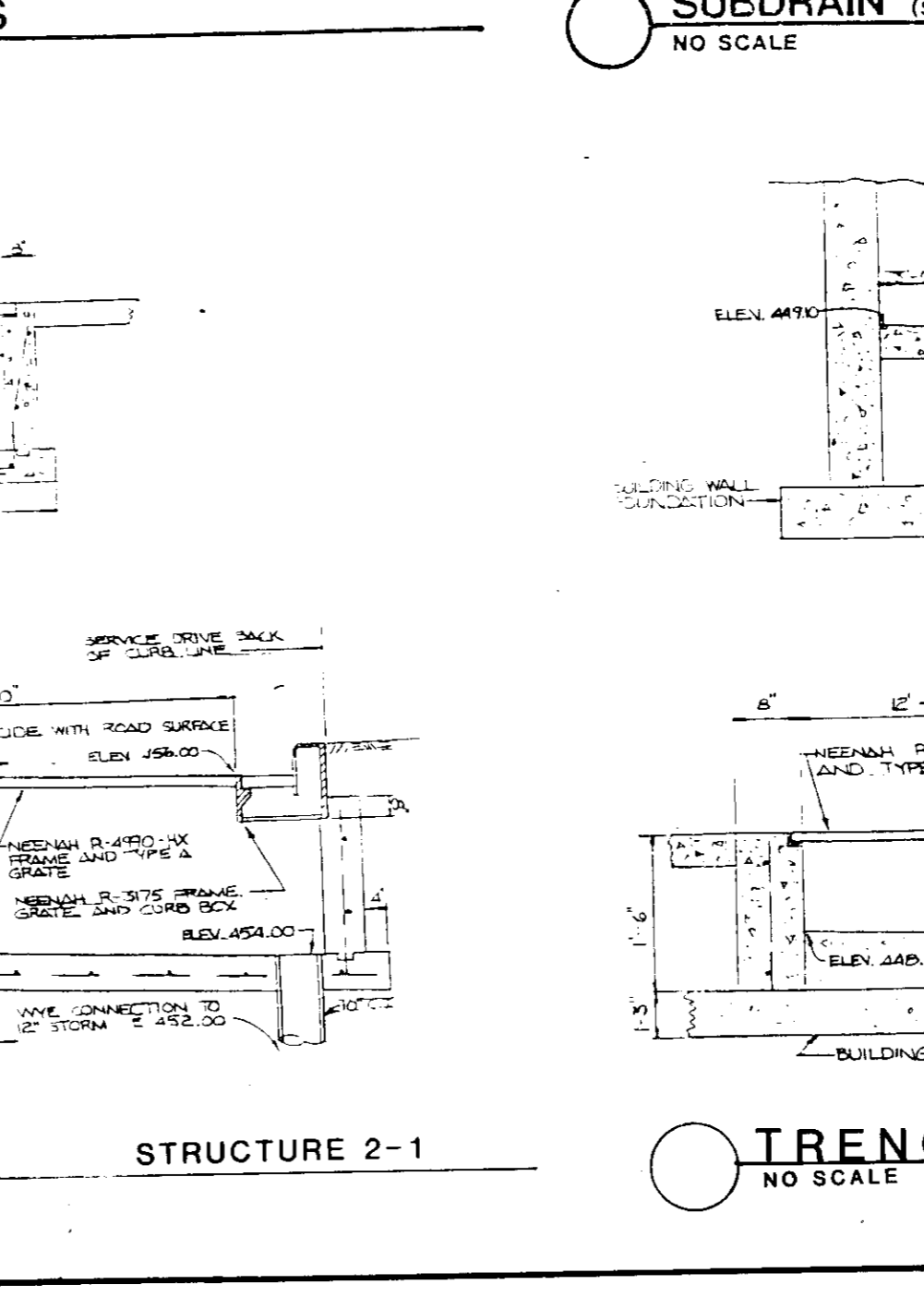
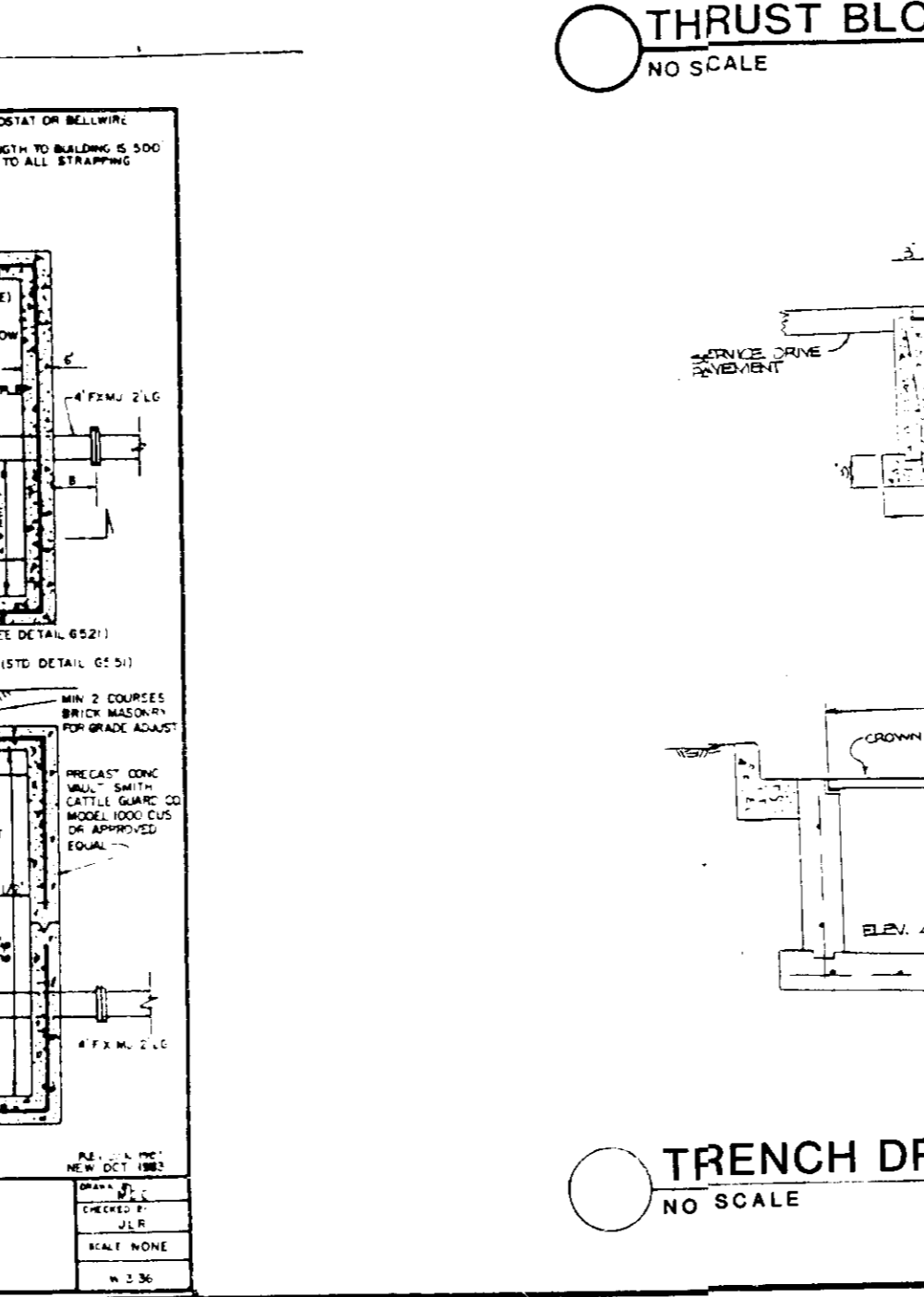
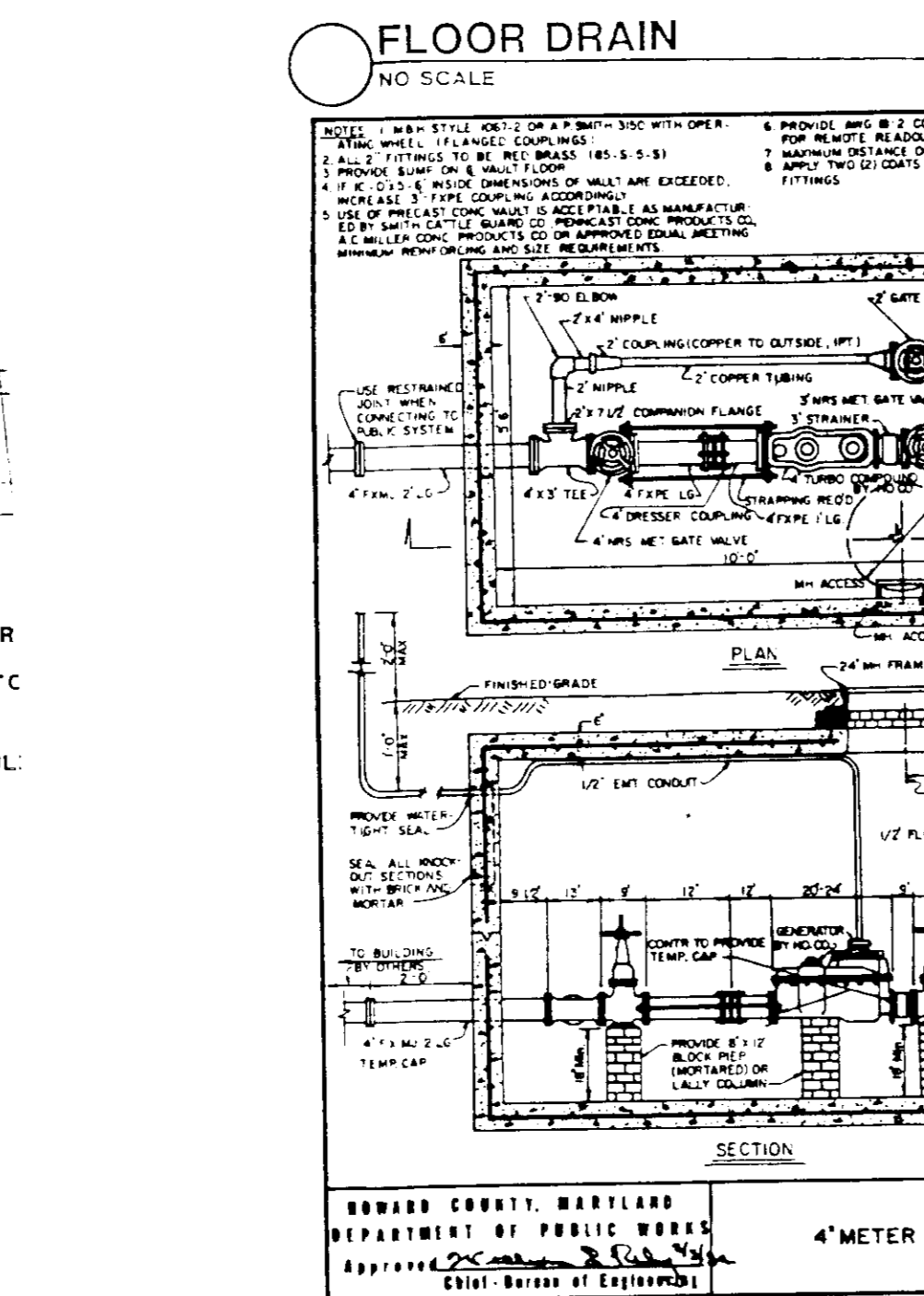
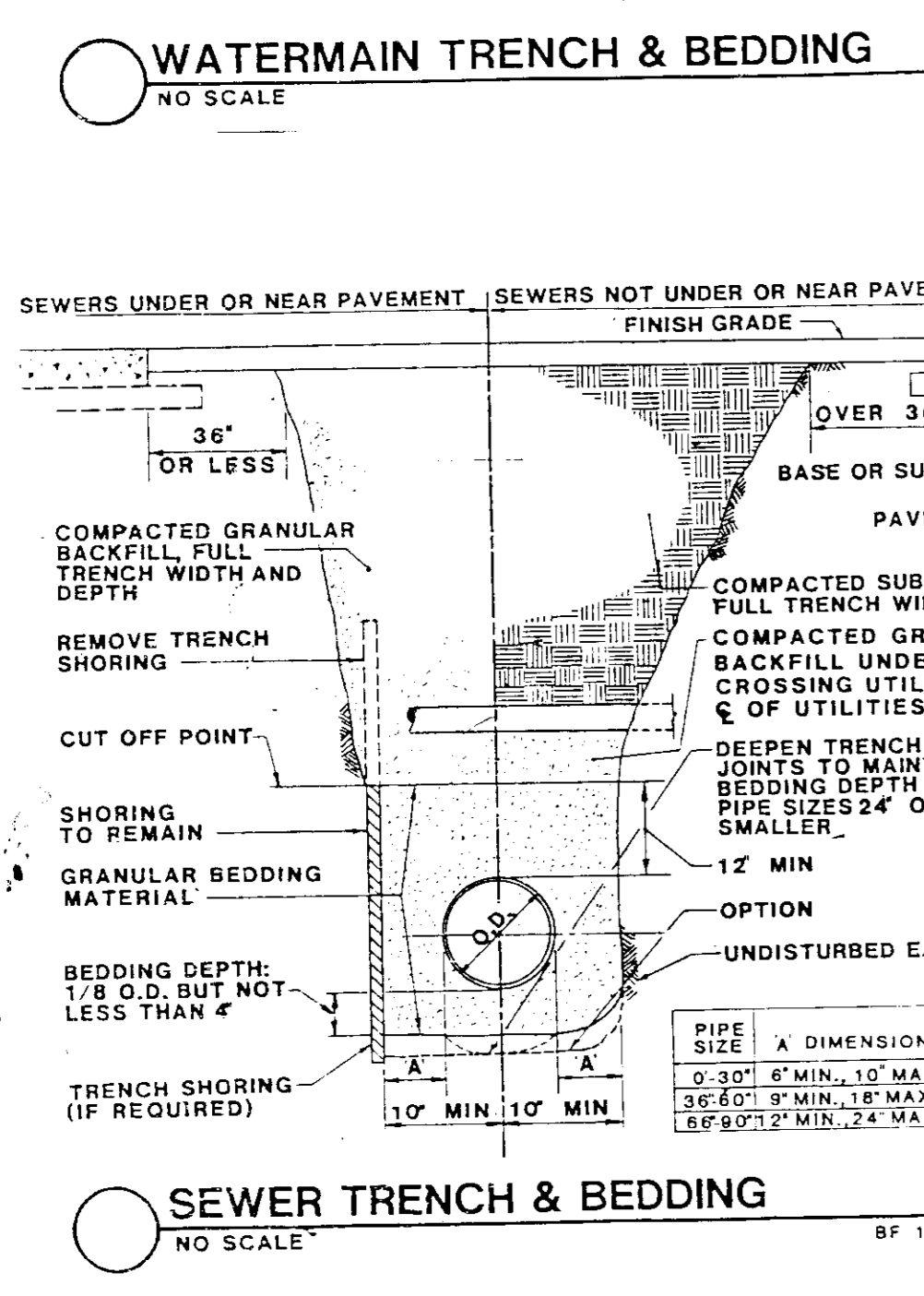
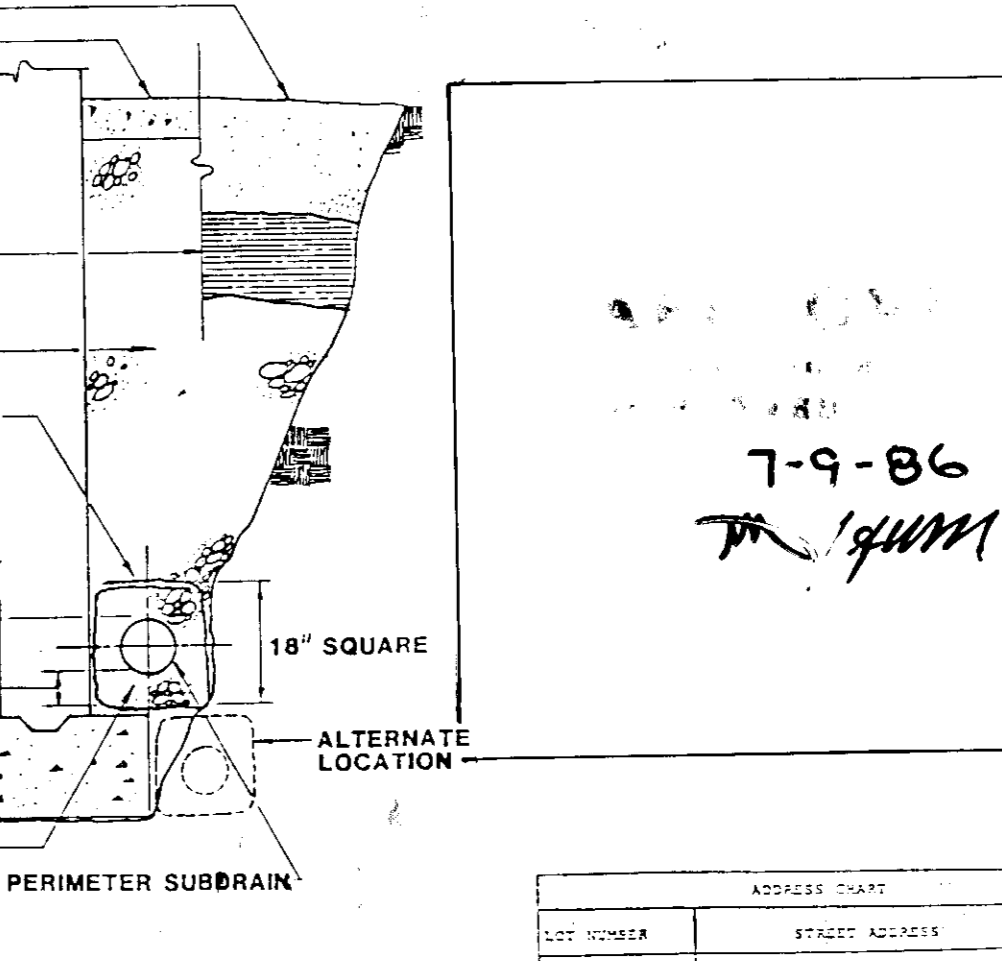
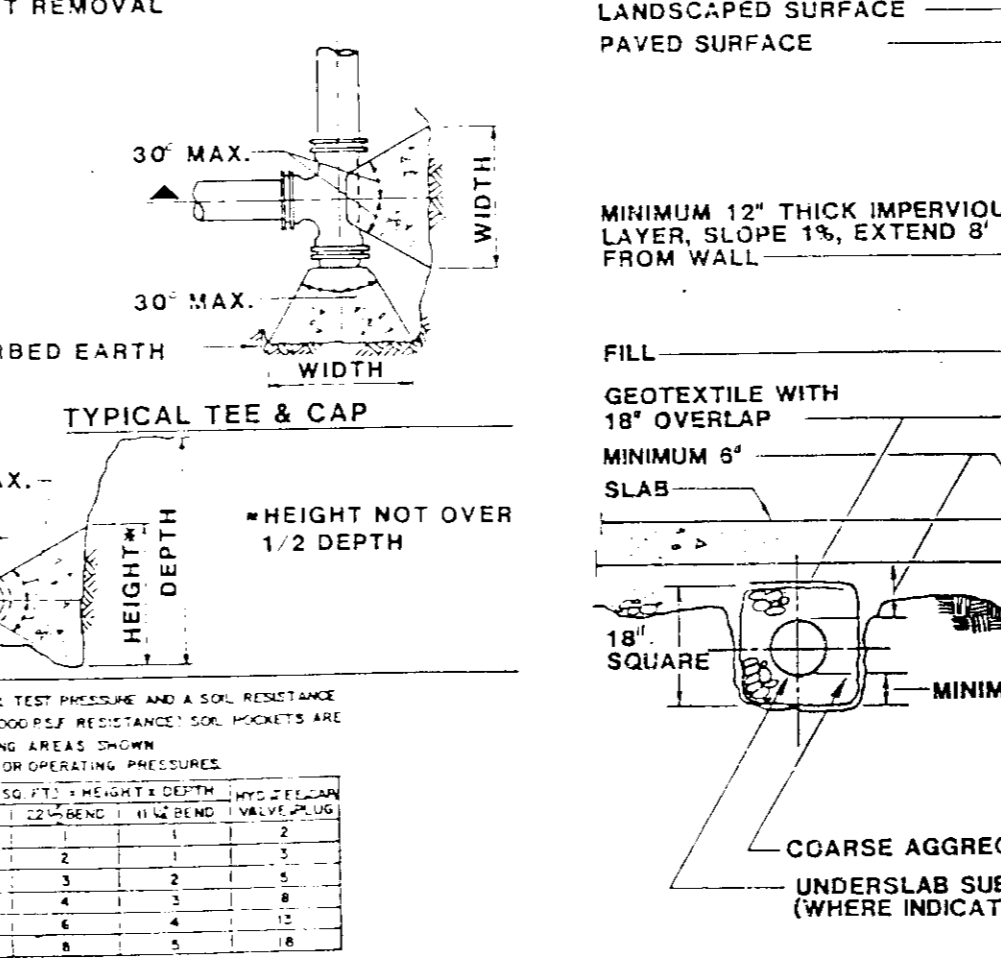
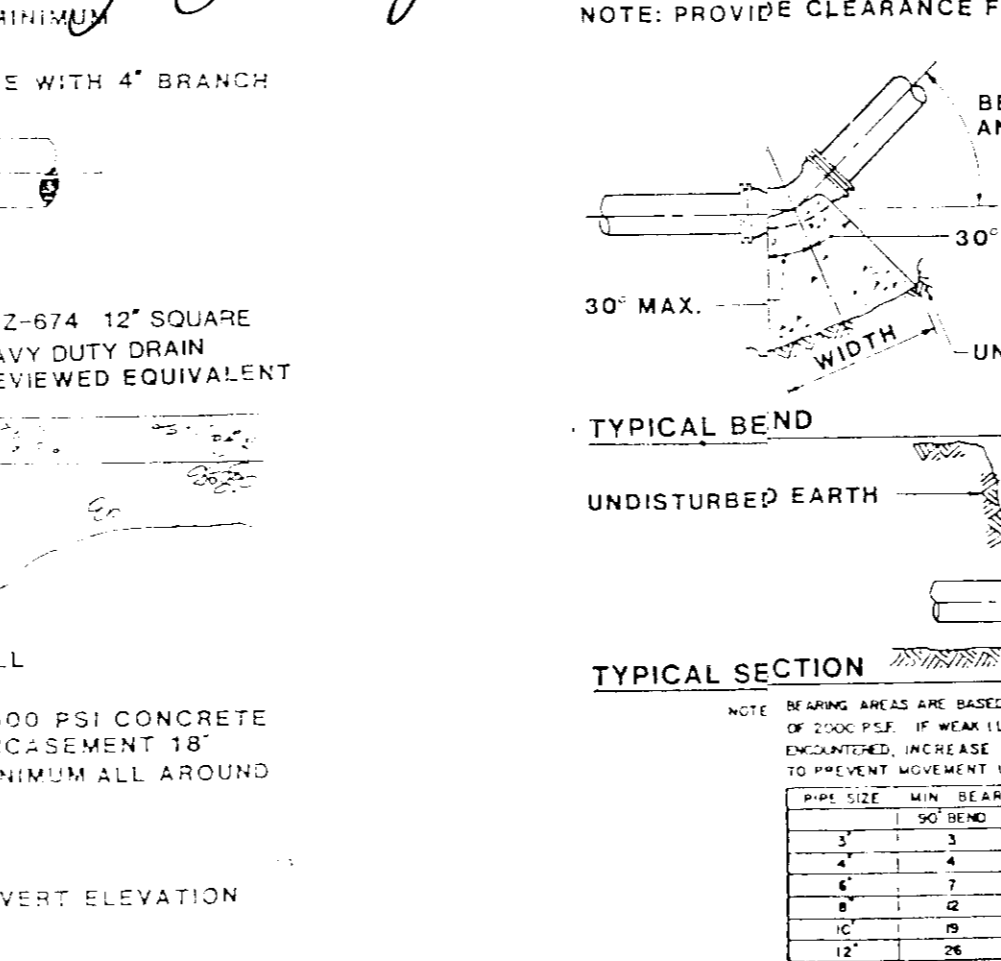
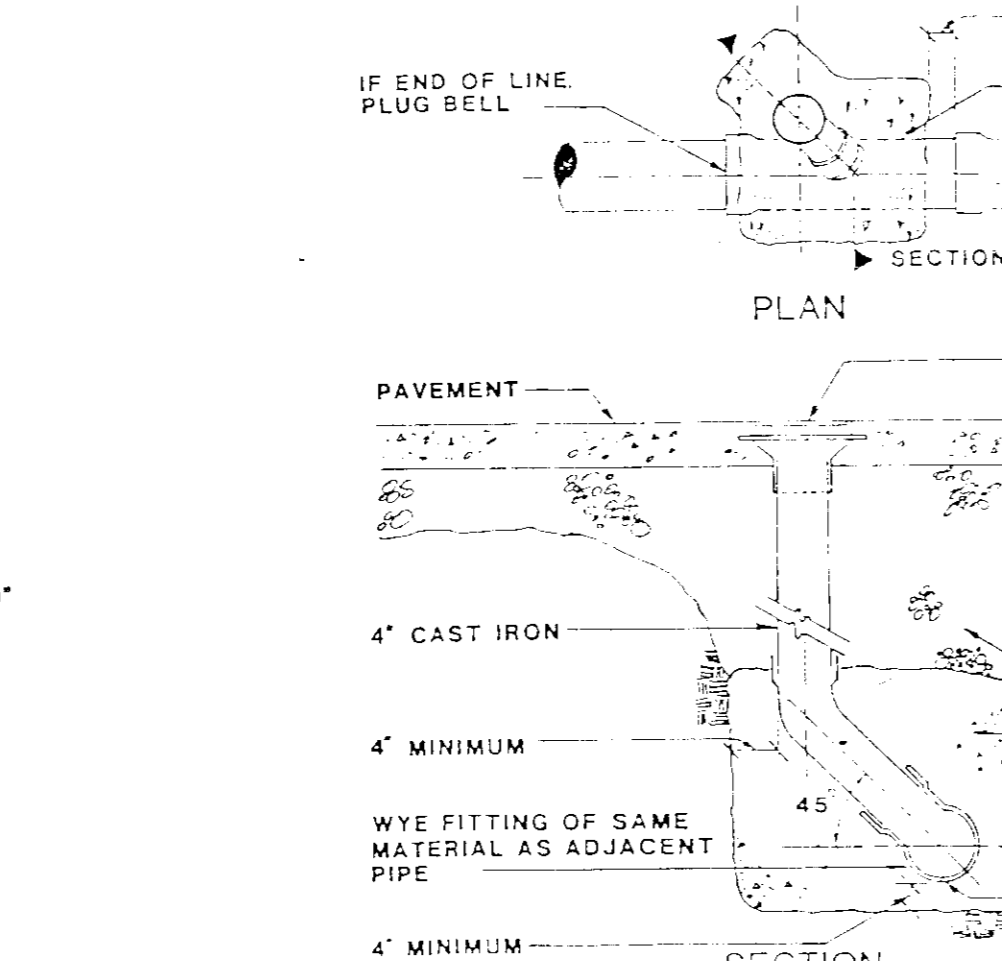
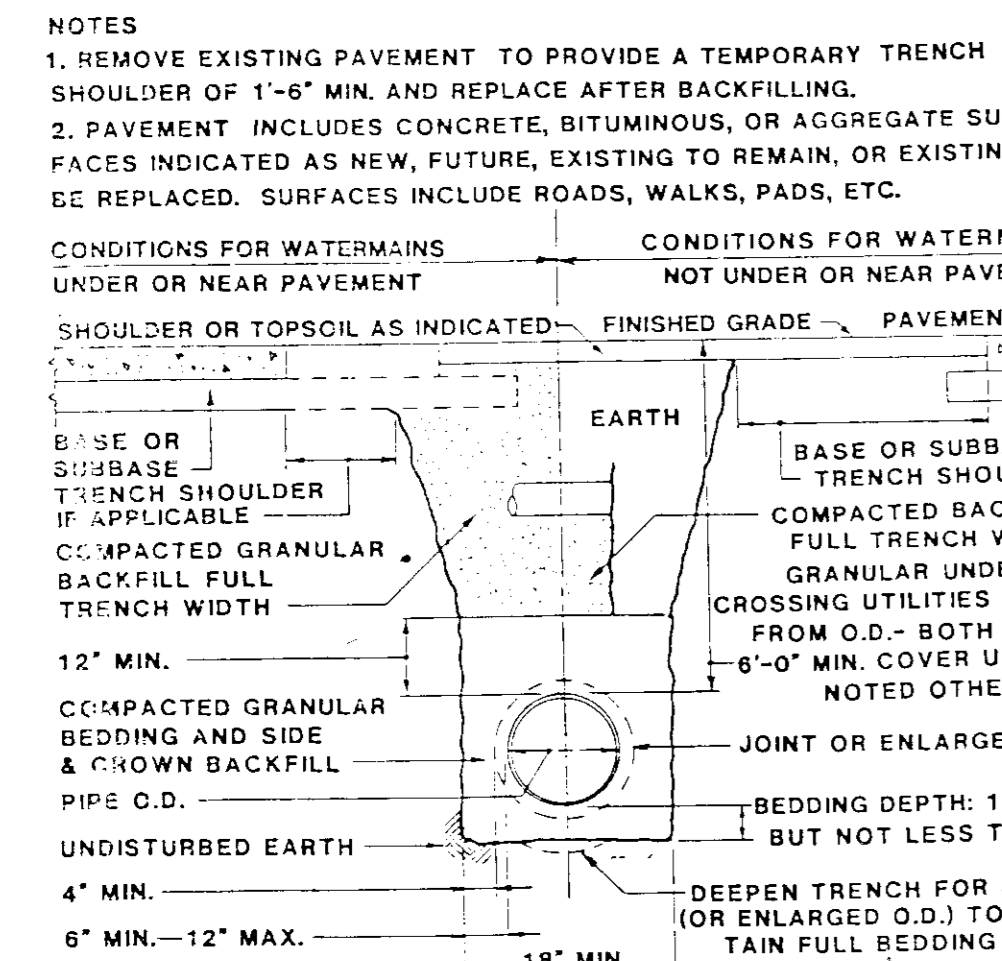
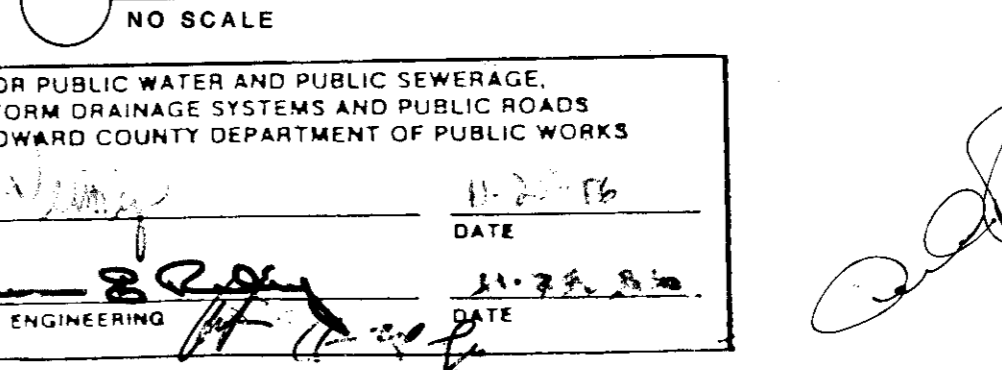
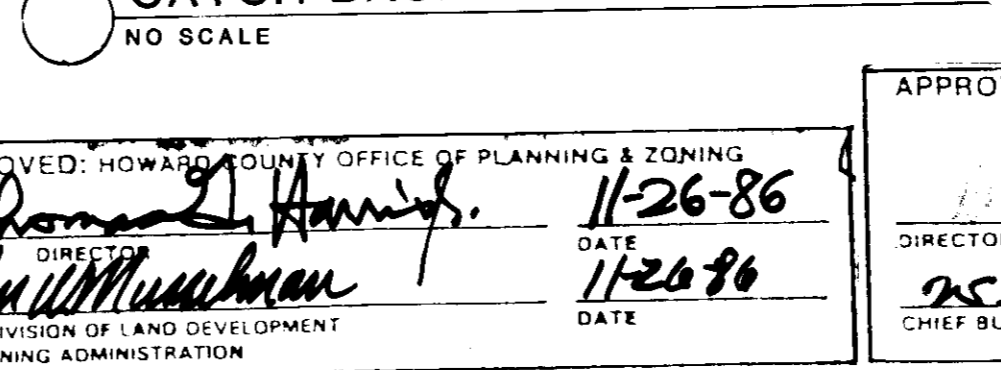
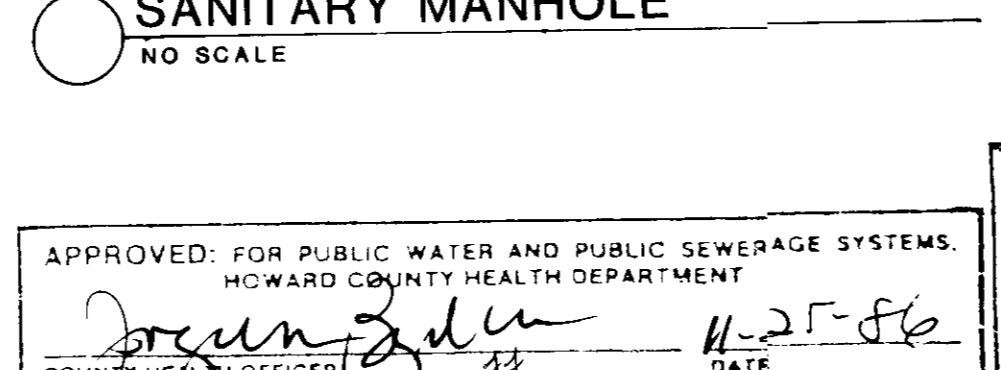
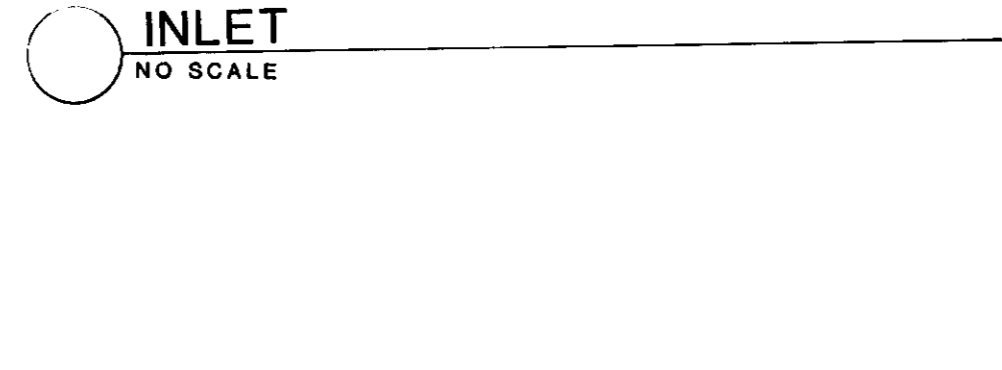
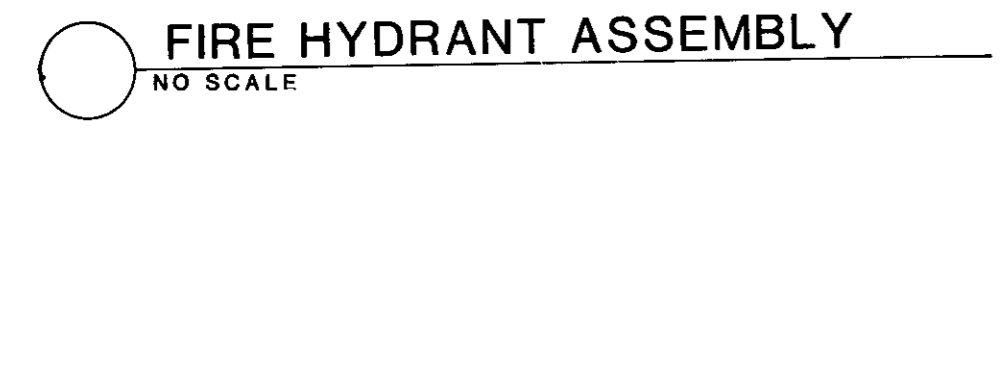
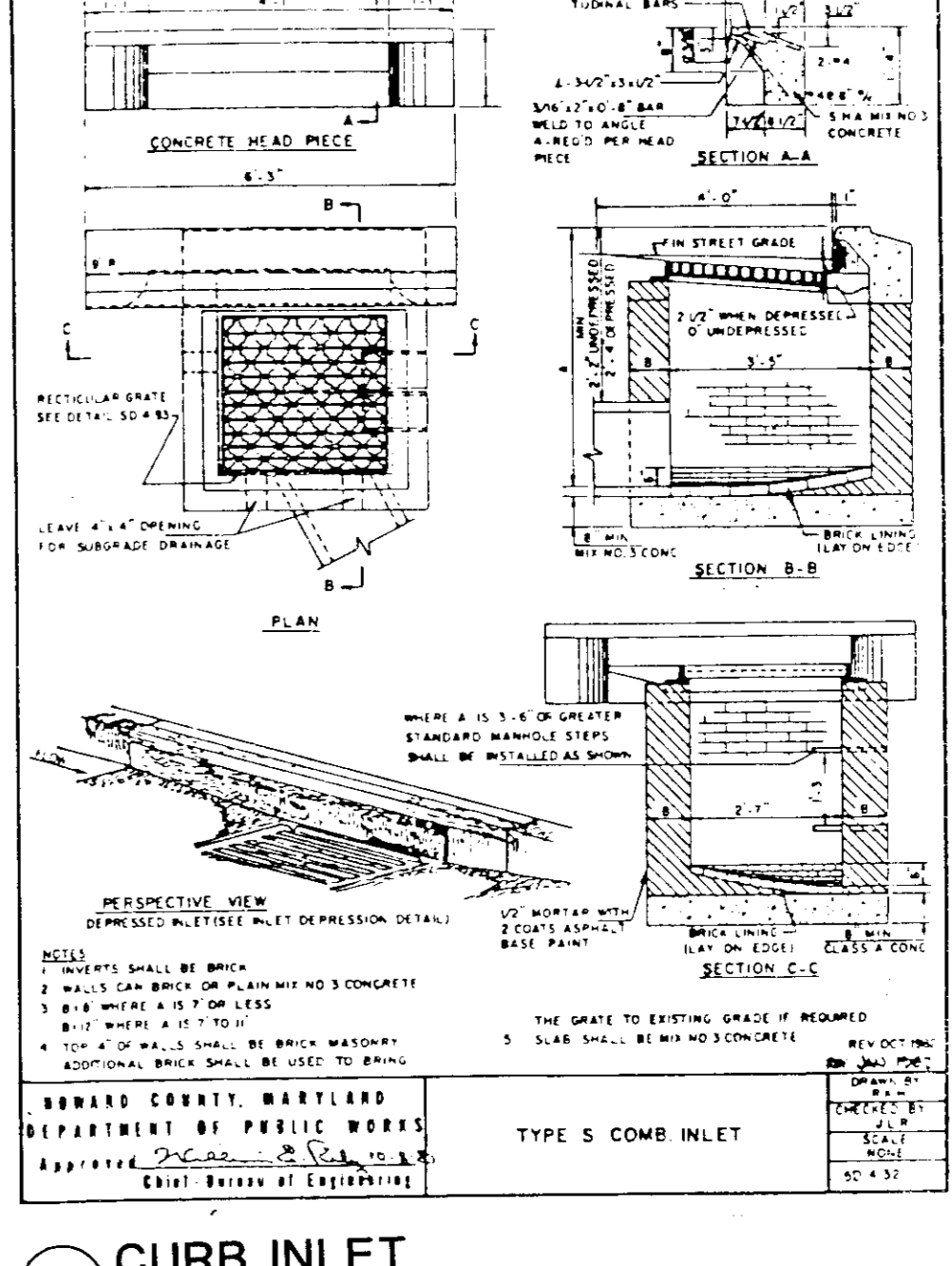
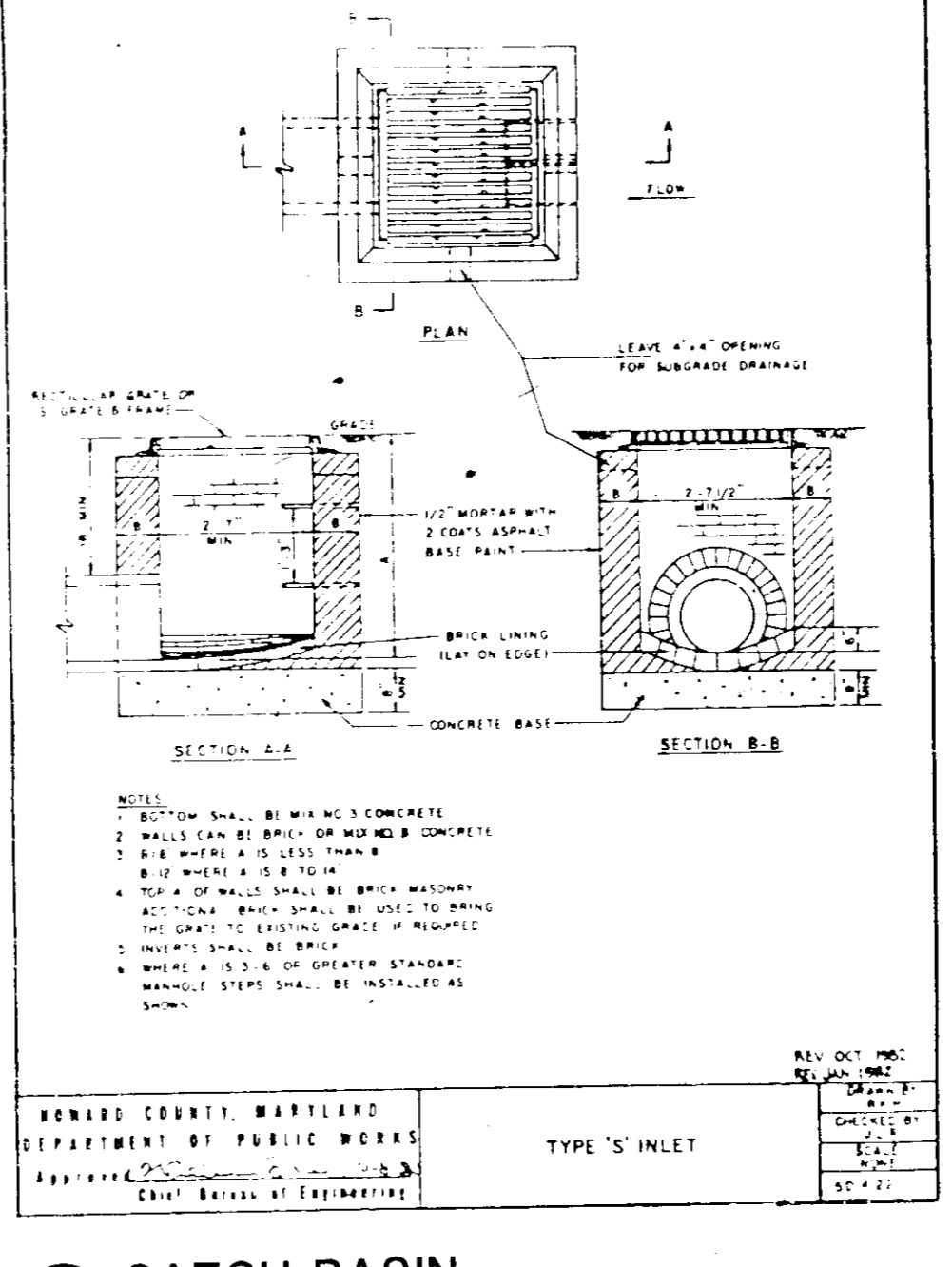
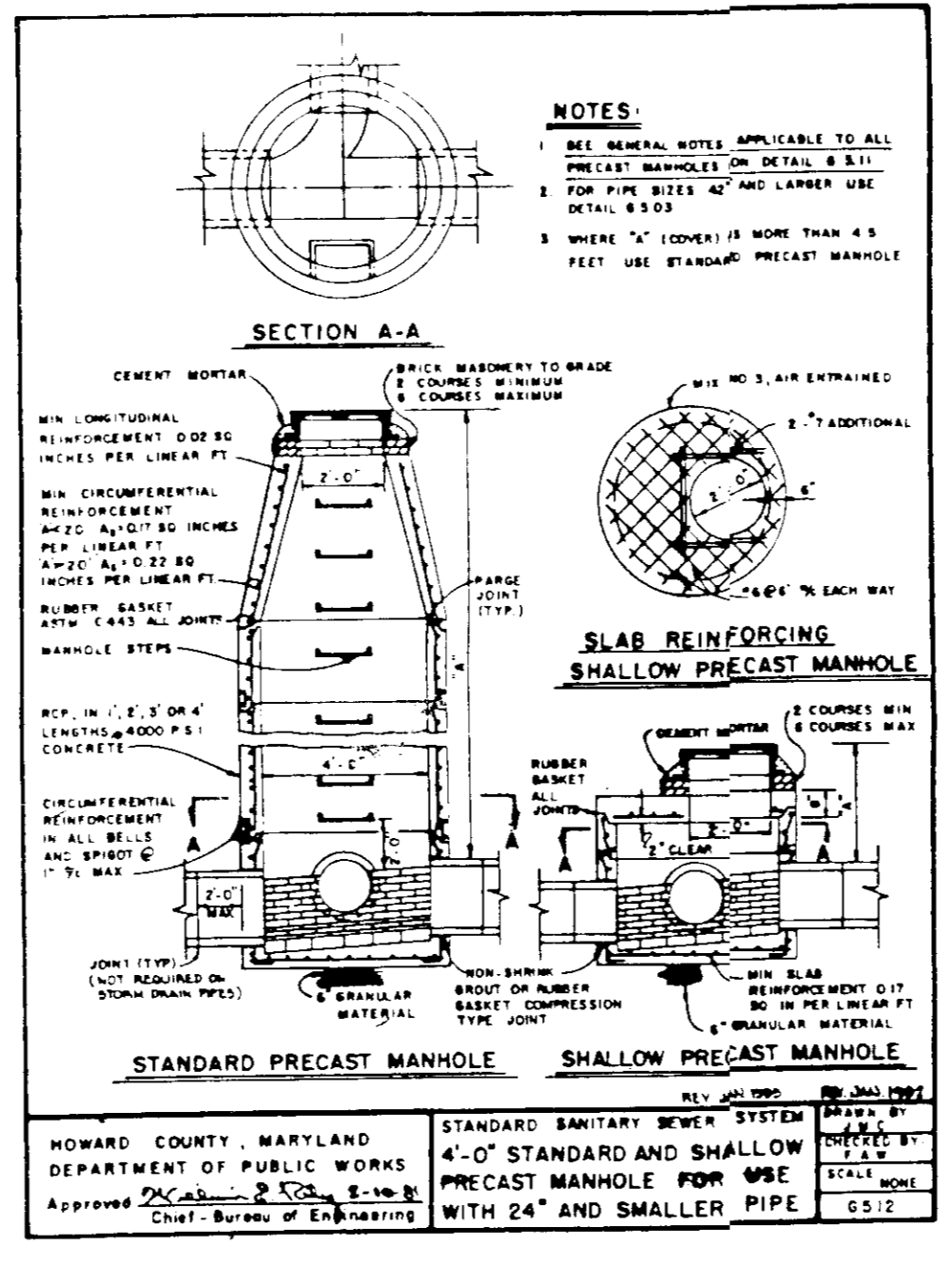
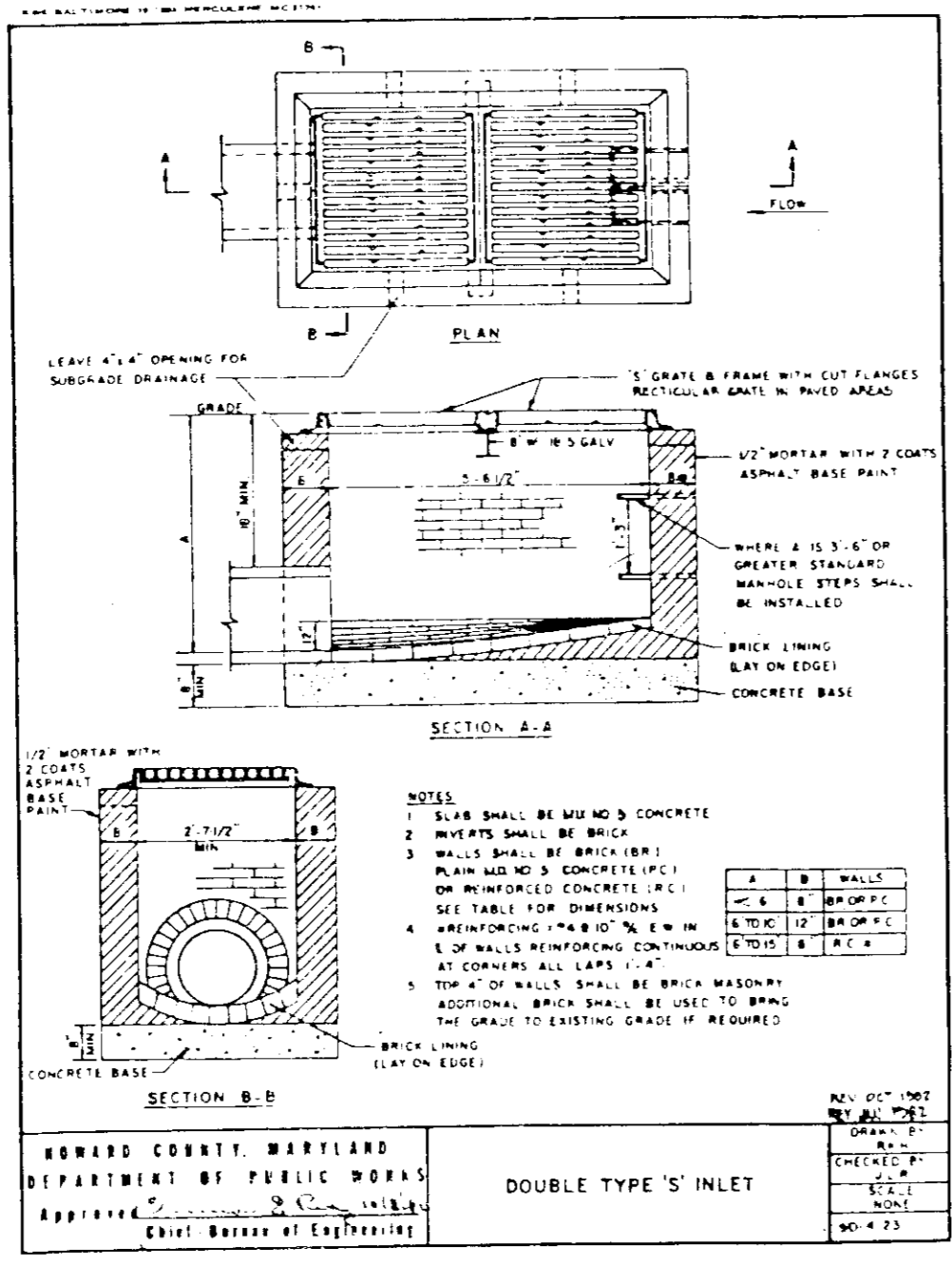
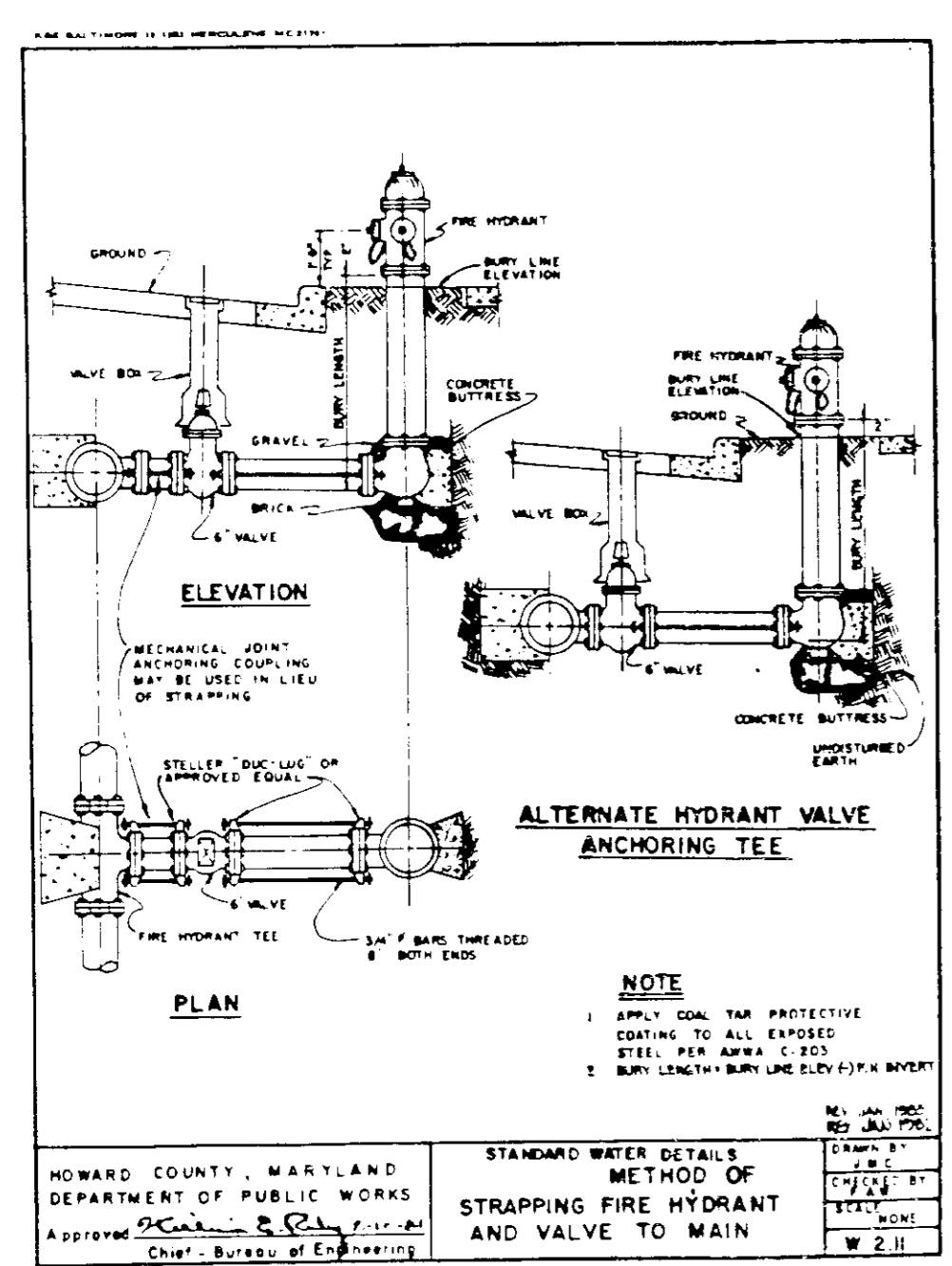
drawn by TJL

checked by DAS

sheet title
Civil Details

sheet number
11 of 18

SDP-86-269



project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature

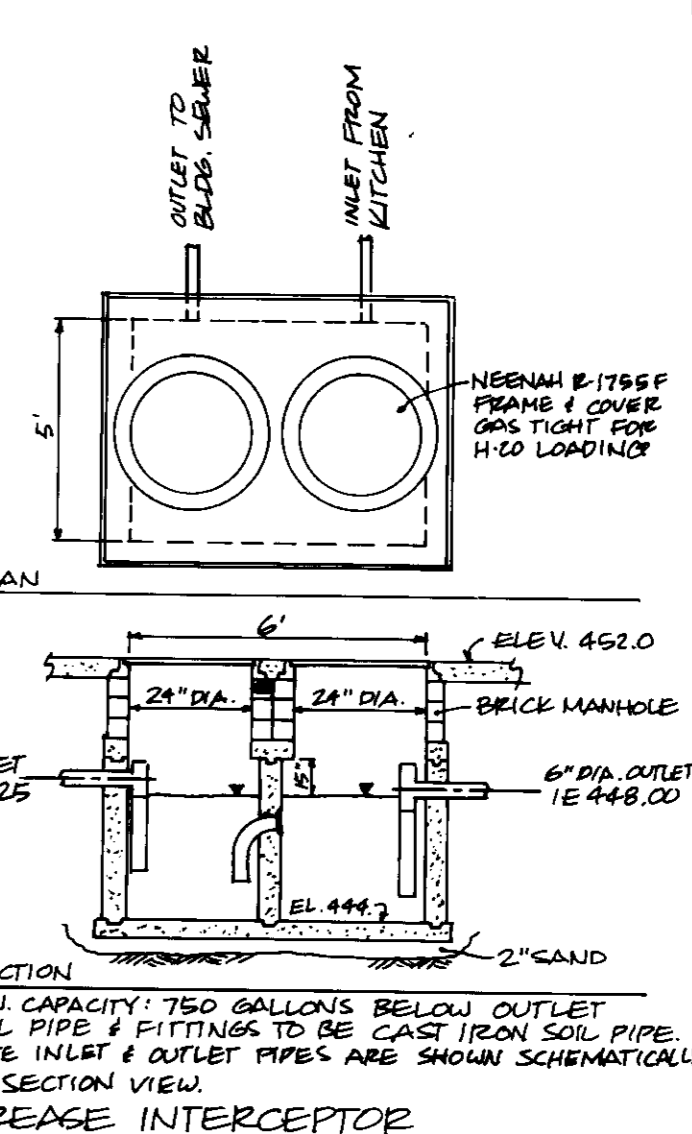
project engineer

DAVID ROE P.E. #4466
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86
REV. STORM DRAIN LOCATION	1-15-87
ADDED SANITARY SEWER	9-9-87
REVISED SANITARY SEWER	1-27-88
DINING ROOM ADDITION	1-27-88
SANITARY SEWER REV.	10-5-88



MINI CAPACITY 750 GALLONS BELOW OUTLET
ALL PIPE & FITTINGS TO BE CAST IRON SOIL PIPE.
NOTE INLET & OUTLET PIPES ARE SHOWN SCHEMATICALLY
ON SECTION VIEW.
① GREASE INTERCEPTOR
NO SCALE

7-9-86
[Signature]

LET NUMBER	ADDRESS	STREET ADDRESS
1	HOWARD COUNTY GENERAL HOSPITAL	5755 OSAGE LANE
	COLUMBIA MARYLAND 21044	

IOWARD COUNTY, MARYLAND

drawn by DCR
checked by DCR

By the Designer:
I certify that I am a duly licensed Professional Engineer in the State of Iowa and that I have prepared the drawings herein in accordance with the provisions of the Iowa Code and that I am not providing engineering services in any other state.
Signature: [Signature]
Date: 11-24-86

By the Designer:
I certify that I am a duly licensed Professional Engineer in the State of Iowa and that I have prepared the drawings herein in accordance with the provisions of the Iowa Code and that I am not providing engineering services in any other state.
Signature: [Signature]
Date: 11-24-86

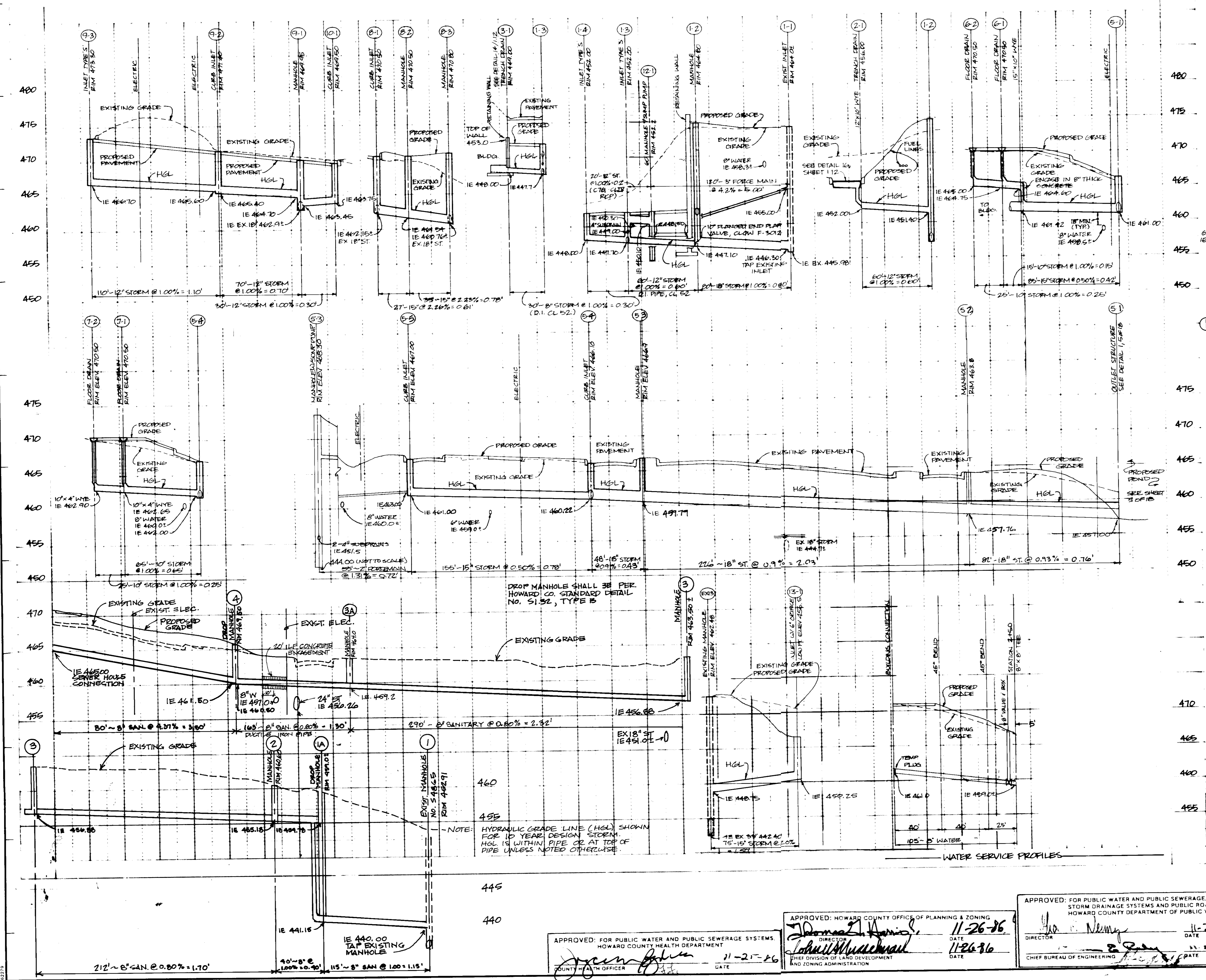
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: [Signature]
Date: 11-24-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: [Signature]
Date: 11-24-86

sheet title
Civil Profiles

sheet number
12 of 18

SDP-86-269



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: [Signature]
Date: 11-21-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Signature: [Signature]
Date: 11-26-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: [Signature]
Date: 11-24-86

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature

project engineer

DAVID ROE PE #14166
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-10-86
DINING ROOM ADDITION	1-27-88

7-9-86
M. J. HMM

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
7	HOWARD COUNTY GENERAL HOSPITAL
	5755 CEDAR LANE
	COLUMBIA, MARYLAND 21044
SUBDIVISION NAME: TC	
PLAT OR LAY OUT NO.	SECTION NO.
3048	55
PLAT OR LAY OUT NO.	SECTION NO.
3048	55
HOWARD COUNTY, MARYLAND	

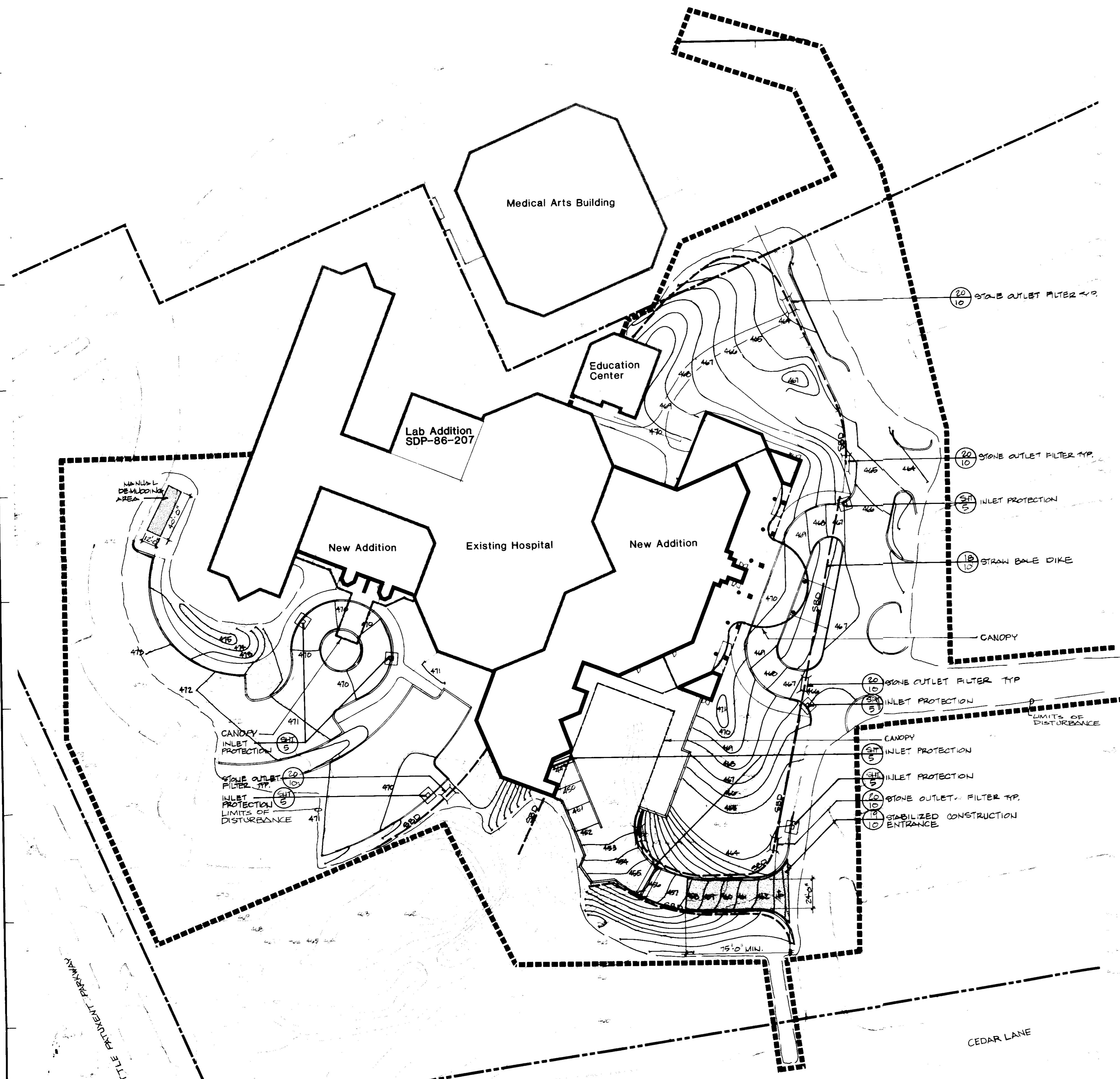
drawn by DOR BJT

checked by DOR

sheet title
**Soil Erosion and
Sediment Control
Plan**

sheet number

13 of 18
SDP-86-269



PERMANENT SEEDING NOTE

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

Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendment: In lieu of soil test recommendations, use one of the following schedules:

- 1) Prefertilizer - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 100 lbs per acre 20-20-20 granular fertilizer (14 lbs/1000 sq ft).
- 2) Acid sulfate - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

Seeding: For the period March 1 thru April 30, and August 1 thru October 15, seed with 20 lbs per acre 11-10-1000 seed (11 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 80 lbs Kentucky 31 Tall Fescue per acre seed (80 lbs per acre) (20 lbs/1000 sq ft) of seedling. During the period of October 16 thru February 15, protect area by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) the seed. Option (3) seed with 40 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 10 to 2 tons per acre 100 to 90 lbs/1000 sq ft of certified small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 12 gal per acre 15 gal/1000 sq ft of mulch/straw bonding mulch anchoring tool or 12 gal per acre 15 gal/1000 sq ft of mulch/straw bonding mulch anchoring tool or 12 gal per acre 15 gal/1000 sq ft of mulch/straw bonding mulch anchoring tool. On slopes 8 ft or higher, use 12 gal per acre (8 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTE

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

Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendment: Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

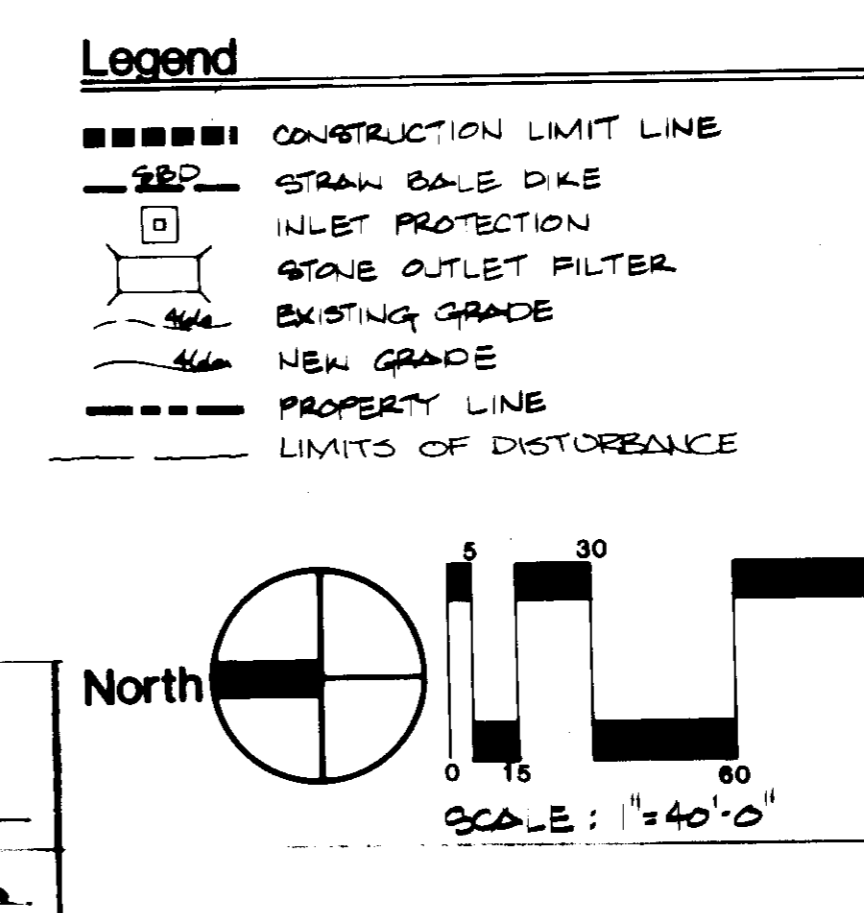
Seeding: For the period March 1 thru April 30 and from August 15 thru November 15, seed with 20 lbs per acre of annual ryegrass (10 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of seeding (10 lbs/1000 sq ft). For the period November 16 thru February 15, protect area by mulching 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

Mulching: Apply 10 to 2 tons per acre 100 to 90 lbs/1000 sq ft of certified small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 12 gal per acre 15 gal/1000 sq ft of mulch/straw bonding mulch anchoring tool or 12 gal per acre 15 gal/1000 sq ft of mulch/straw bonding mulch anchoring tool. On slopes 8 ft or higher, use 12 gal per acre (8 gal/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.

- SEDDIMENT CONTROL NOTES**
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (992-1437)
 - 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - 3) Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, (dikes, perimeter dikes and all slopes greater than 3:1); b) 14 days for all other ditches or graded areas on the project site.
 - 4) All sediment traps/basins shown must be fenced and warning signs placed around their perimeter in accordance with Vol. 11, Chapter 12 of the HOWARD COUNTY OFFICE MANUAL, Storm Drainage.
 - 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 11) and (Sec. 14), temporary seedings (Sec. 20) and mulching (Sec. 21). Temporary stabilization with mulch alone can only be done when recommended seeding areas do not allow for proper germination and seedling 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.
 - 7) Site Analysis:
 - Total Area of Site: 1.5 Acres
 - Area Disturbed: 1.5 Acres
 - Area to be roofed or paved: 0.5 Acres
 - Area to be excavated: 0.5 Acres
 - Total Cut: 0.5 Acres
 - Total Fill: 0.5 Acres
 - Office work/borrow area location: 0.5 Acres
 - 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - 9) Additional sediment control must be provided, if deemed necessary by the Howard County SDC sediment control inspector.
 - 10) On all areas with disturbed areas in excess of 2 acres, approval of the Inspection Agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

- SEQUENCE OF CONSTRUCTION - COMPLETION STAGE II**
1. Maintain active soil erosion control measures from Stage I.
 2. Grading permit secured. (0.1 weeks)
 3. Erosion control features - installed consists of straw bale dikes, inlet protection, stone outlet filters, stabilized construction entrance and dikes. (2 weeks)
 4. Clear and grub new drive, parking and building addition areas. Demolish building to be removed. (2 weeks)
 5. Rough grade site for installation of asphalt and concrete drives, parking area, walls and retaining walls. (Excavate for new building construction. (6 to 8 weeks))
 6. Provide temporary seeding and mulching control measures. (1 week)
 7. Commence construction of all building additions.
 8. Install pavements, curb and gutter. (2 weeks)
 9. Complete building construction, walks and courtyards. (28 months)
 10. Permanently sod all disturbed areas.
 11. When areas are stabilized, remove storm inlet sediment traps and dispose of sediment in a manner approved by Howard County Soil Conservation District.
 12. When entire drainage area is stabilized, remove remainder of sediment control features.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
COUNTY HEALTH DEPARTMENT

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number

8368.00

owner's signature

project engineer

DAVID ROE P.E. #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature



issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	1-18-86
DINING ROOM ADDITION	1-27-86

drawn by P.H.

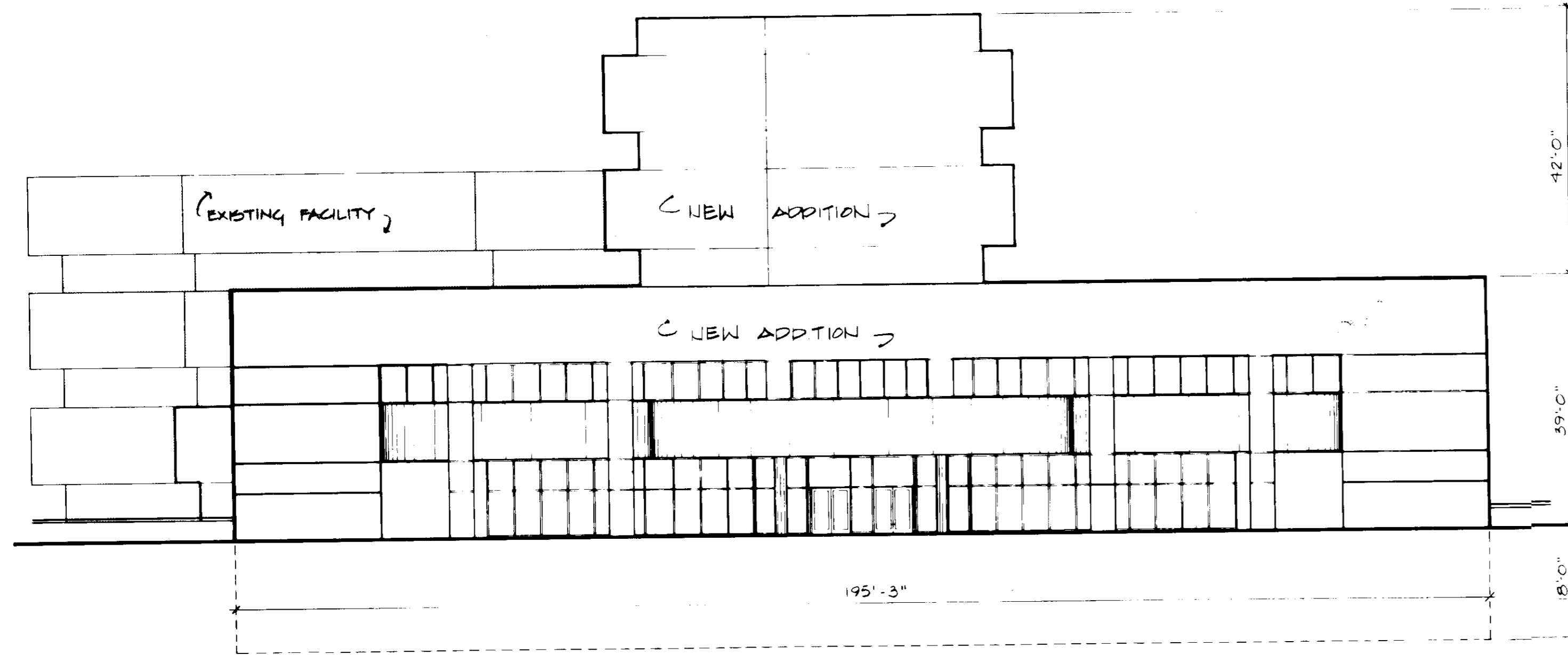
checked by

sheet title
Elevations

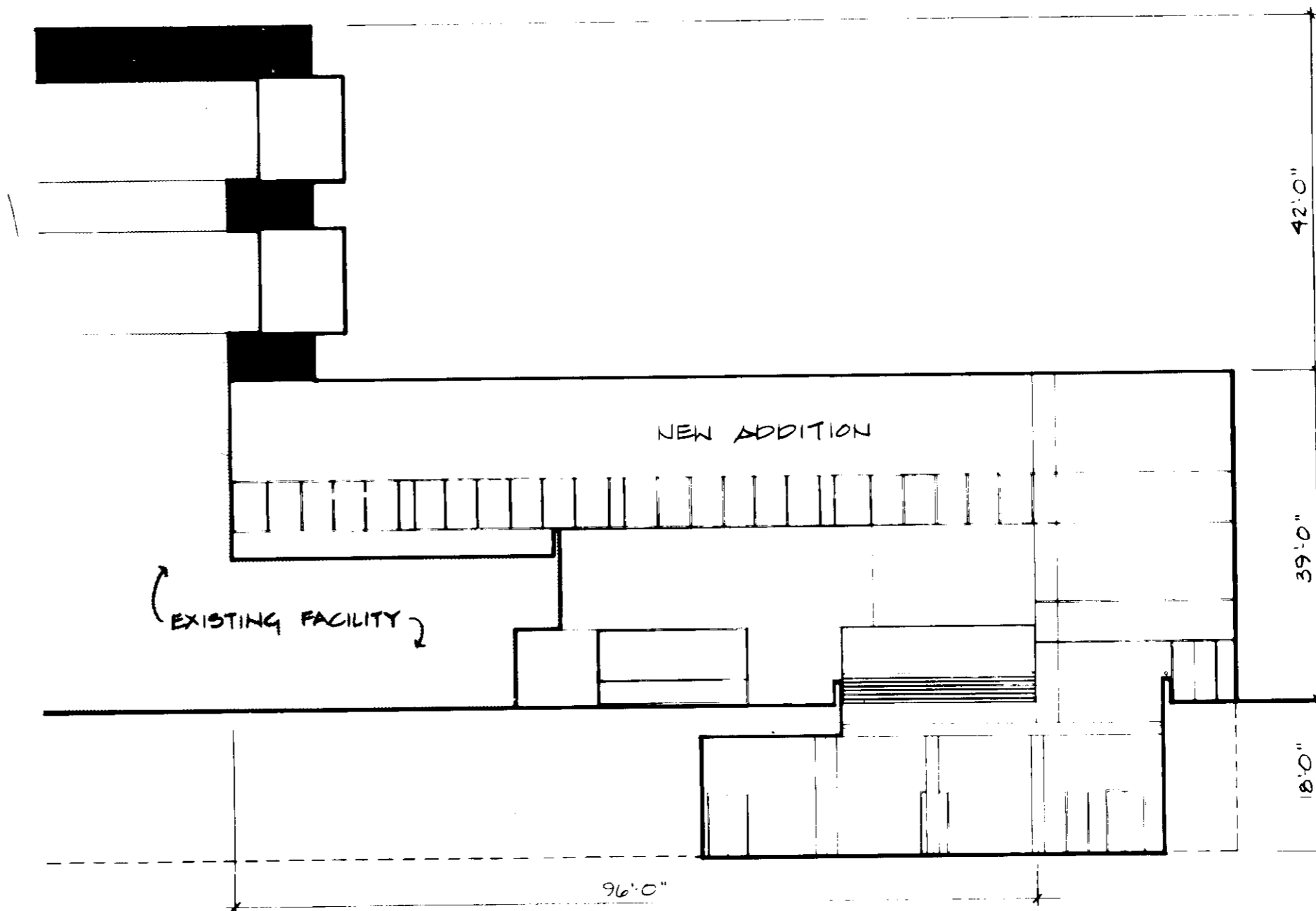
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sheet number

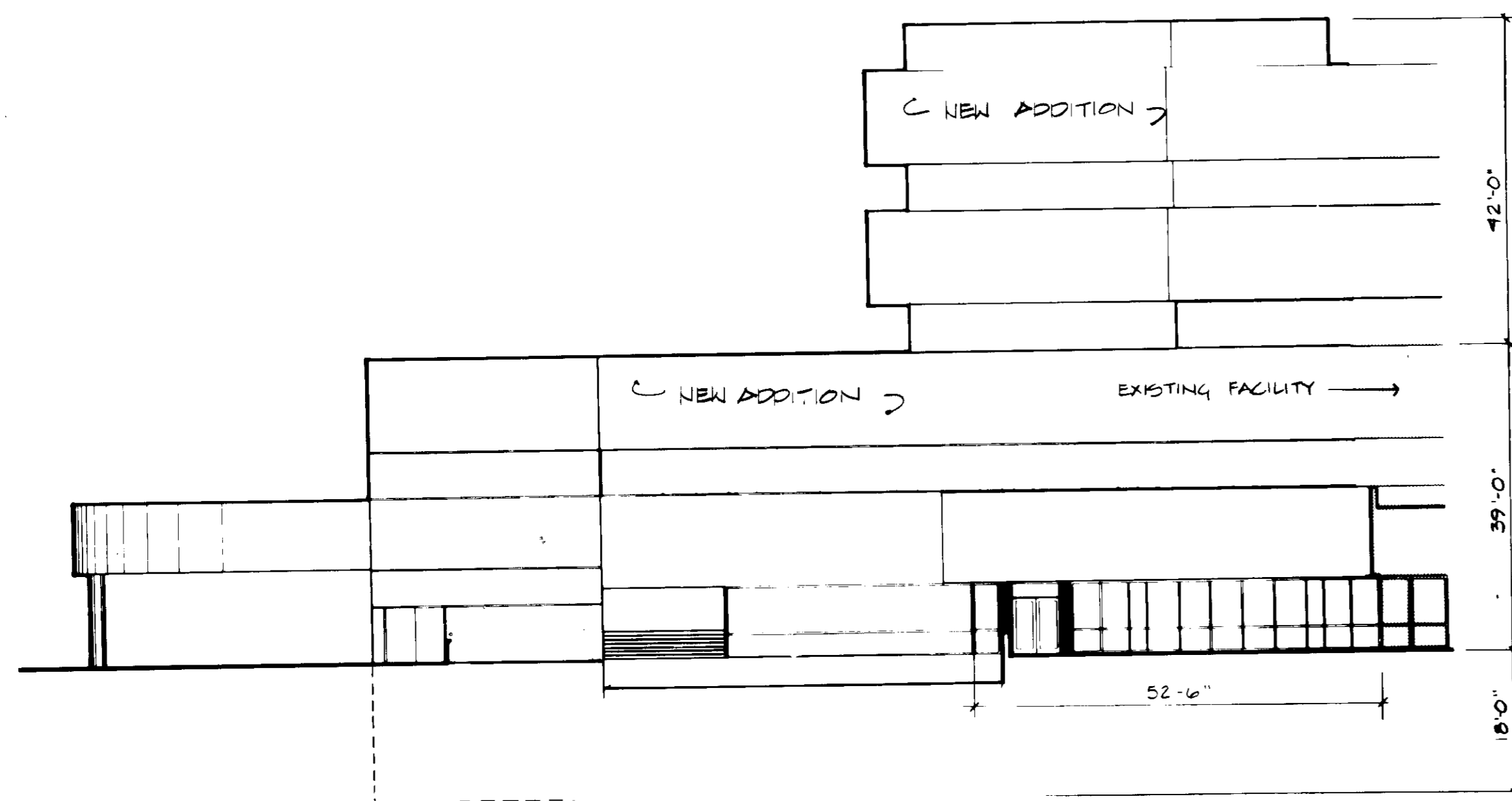
14 of 18
SDP-86-269



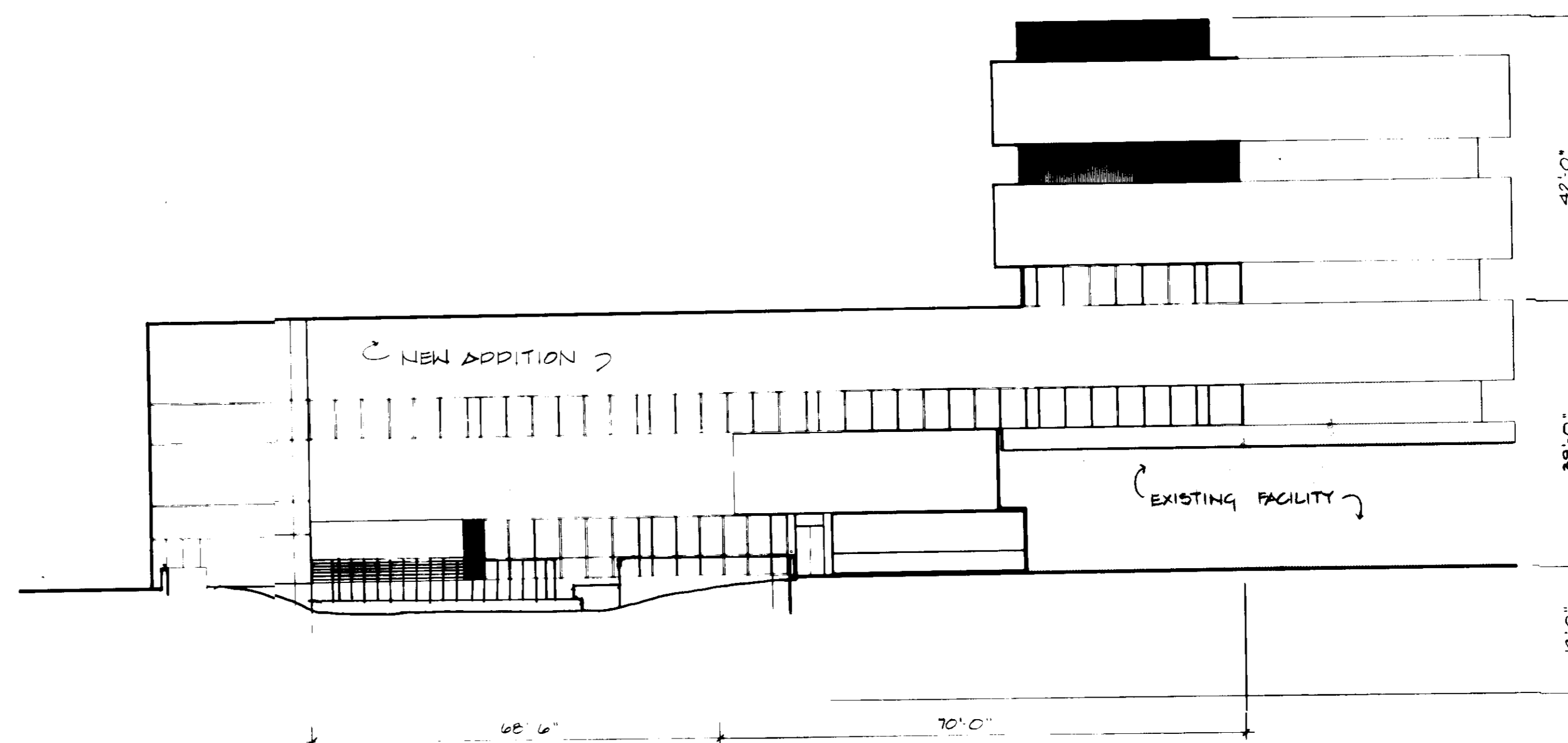
A South Elevation Main Entrance



B Northwest Elevation Service Area



C East Elevation Cafeteria Courtyard



D Northeast Elevation Cafeteria Courtyard

By the Developer:
I hereby certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Acceptance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Soil Erosion on the project.

Signature of Developer: *[Signature]* DATE: 11/2/86
Print name below signature: *[Name]*

By the Engineer:
I certify that this plan for erosion and sediment control represents a practical and suitable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the State Soil Conservation District.

Signature of Engineer: *[Signature]* DATE: 10-3-86
Print name below signature: *[Name]*

Reviewed for: *[Signature]* S.C.D.
and meets technical requirements.

Signature of Reviewer: *[Signature]* DATE: 11-24-86
Print name below signature: *[Name]*

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

7-9-86
M.H.M.

LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5155 CECIL LANE
	COLUMBIA, MD 21044

APPROVED: For public Water, Public Sewerage and Storm Drainage Systems and Roads.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 11-25-86
CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 11-25-86

APPROVED: For public Water and Public Sewerage Systems.

HOWARD COUNTY HEALTH DEPARTMENT
CHIEF, HEALTH OFFICE: *[Signature]* DATE: 11-25-86

APPROVED: Howard County Office of Planning and Zoning.

PLANNING DIRECTOR: *[Signature]* DATE: 11-26-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: *[Signature]* DATE: 11-26-86

SUBDIVISION NAME	SECT./TAXES	LOT/FRONTAL
TC	8/2	1/2
PAR. 1 OR LOT BLOCK	106	5
WATER CODE	106	5522500

HOWARD COUNTY, MARYLAND

project name/owner's name
**Building Additions to SDP-86-207
and SDP-86-246**

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number
8368.00

owner's signature

[Signature]

project engineer

DAVID ROE P.E. F144616
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

[Seal]

issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86

drawn by

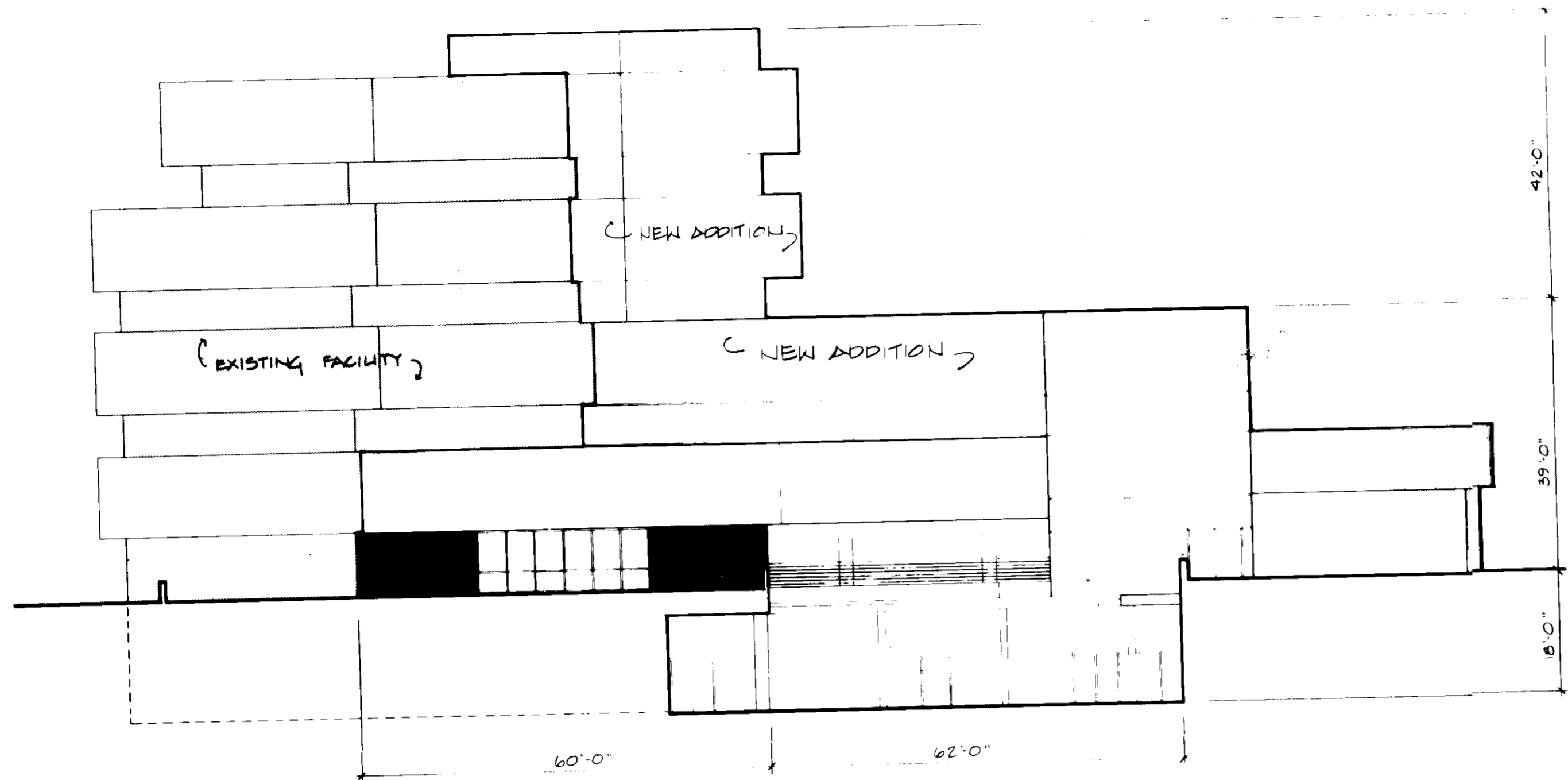
checked by

sheet title
Elevations

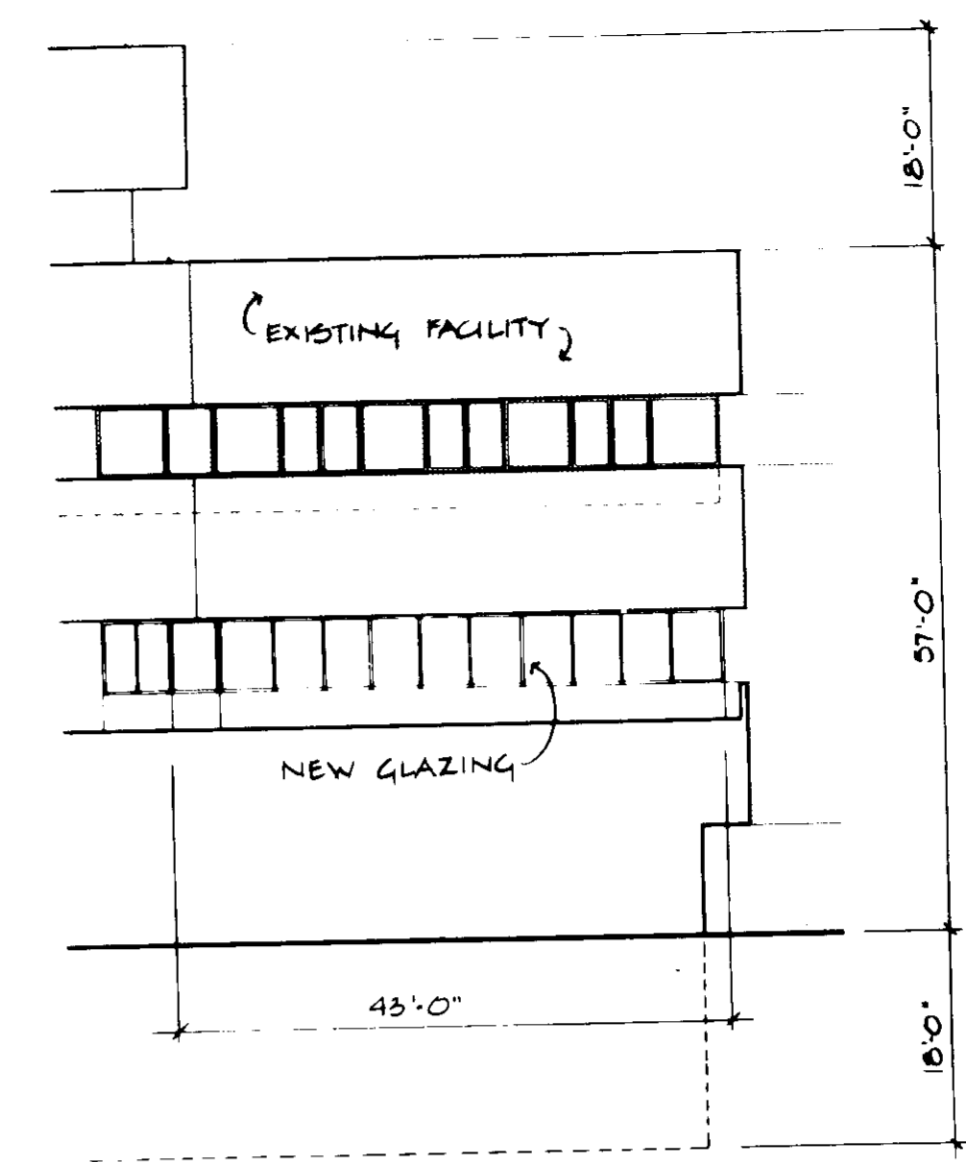
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sheet number

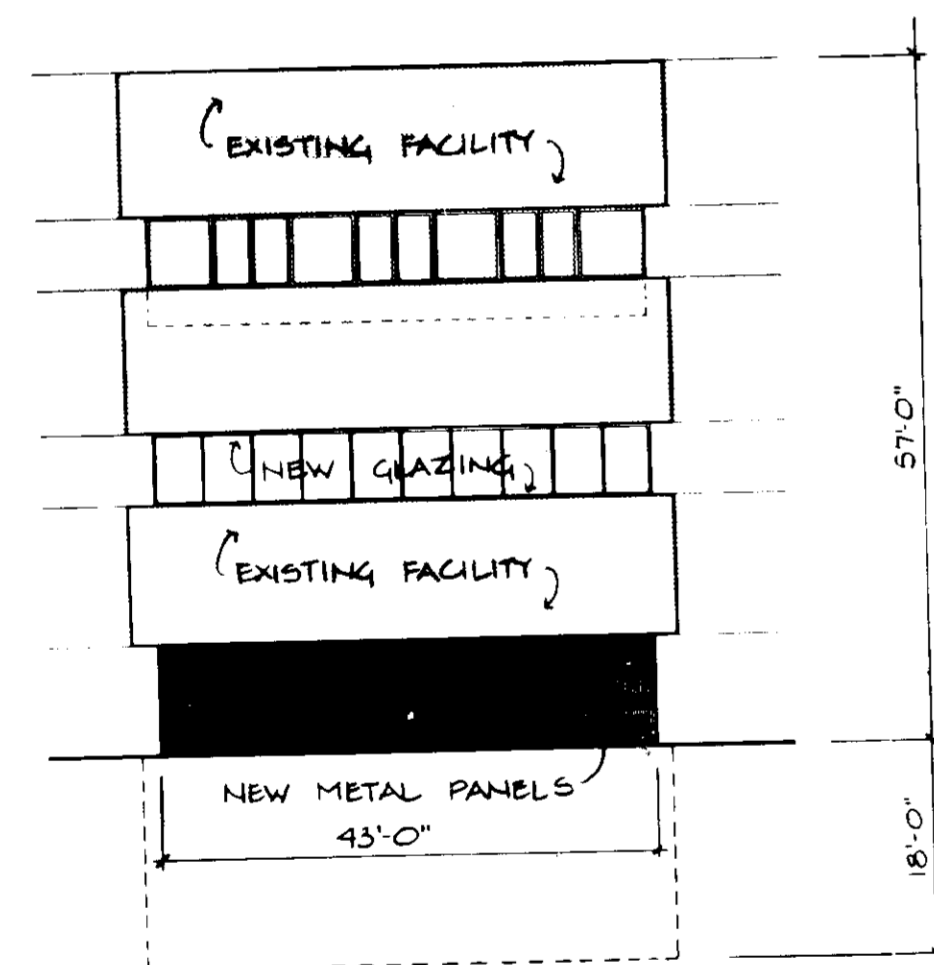
15 of 18
SDP-86-269



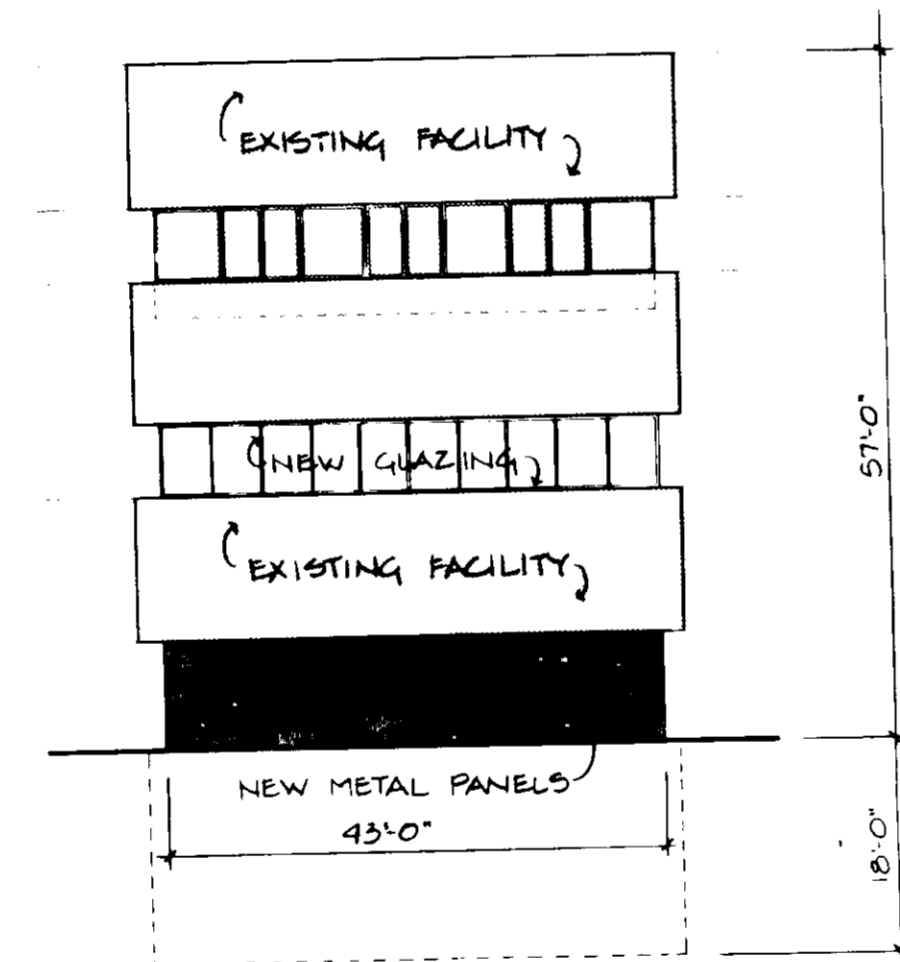
A West Elevation Service Area



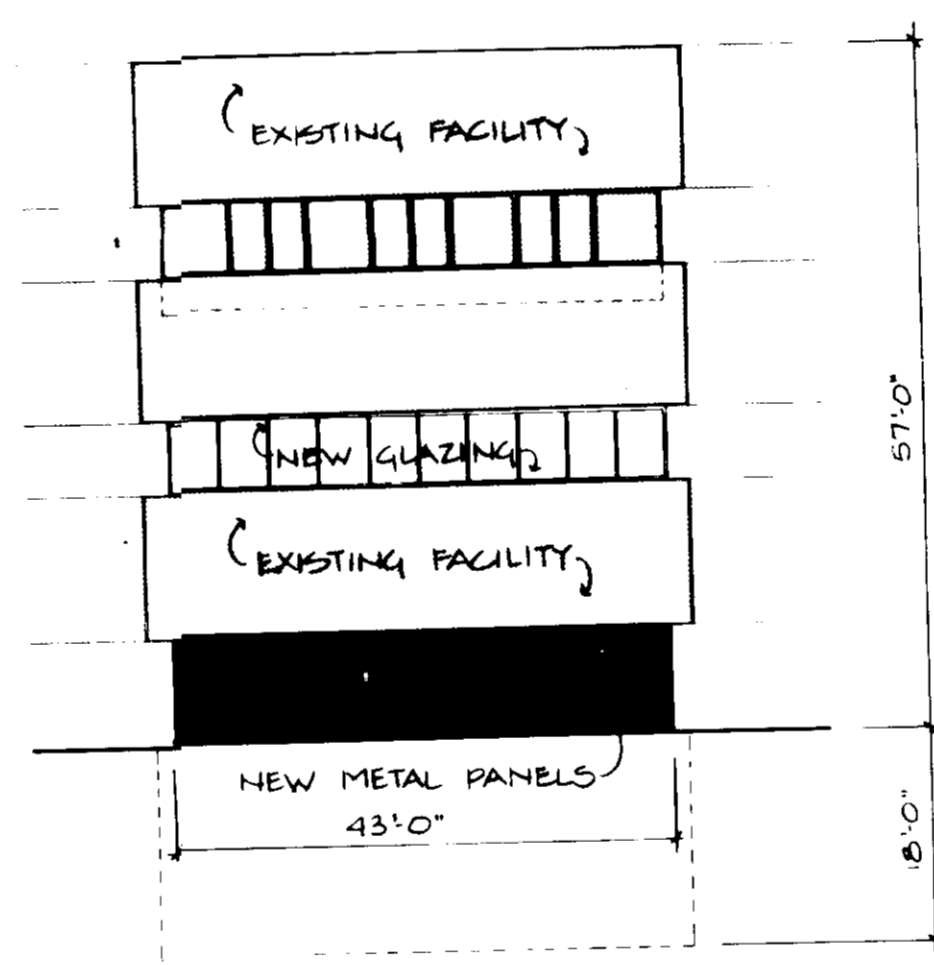
B North Elevation Existing Building



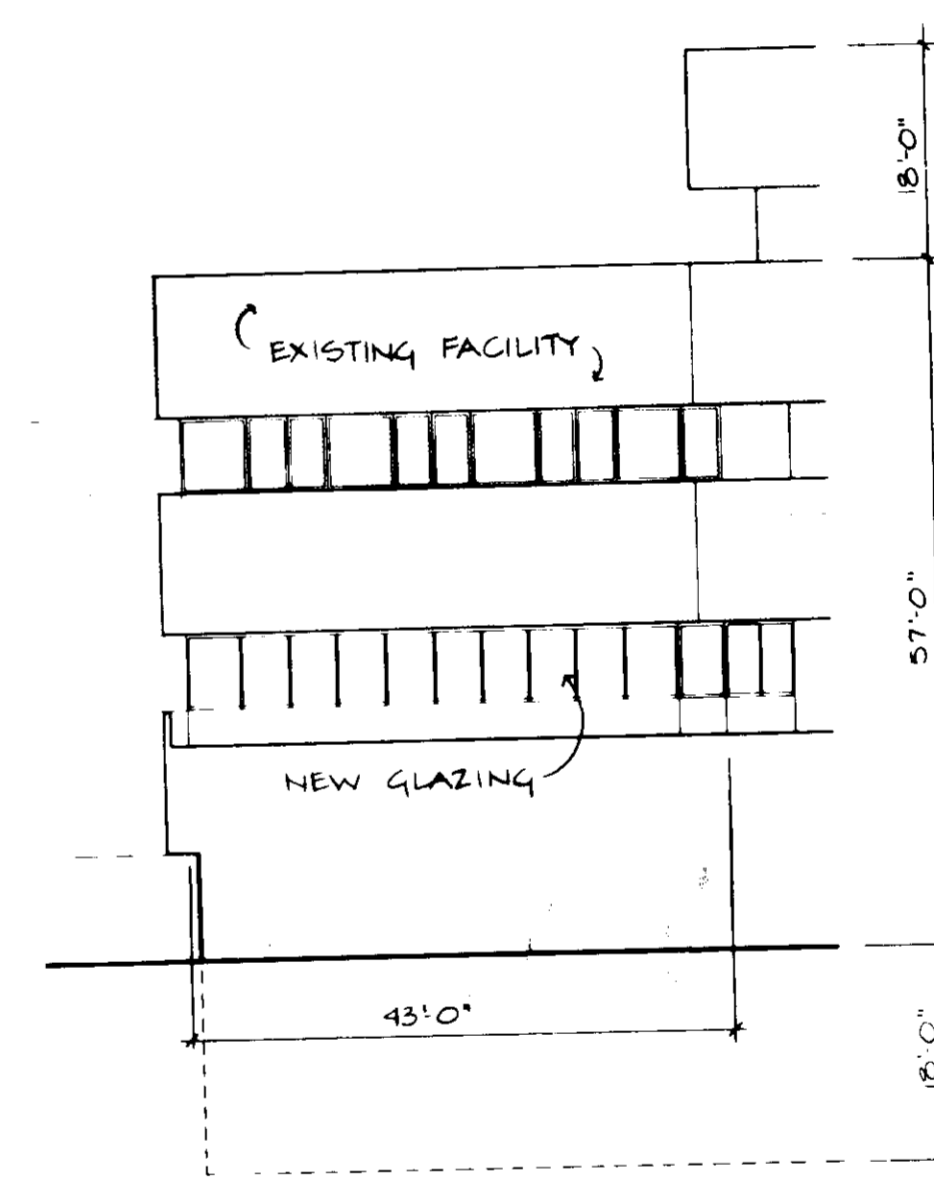
C Northwest Elevation Existing Building



D West Elevation Existing Building



E Southwest Elevation Existing Building



F South Elevation Existing Building

By the Developer:
I certify that all development and 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 Department of Natural Resources approved training program for the Control of Erosion and Sedimentation program for the project.

By the Engineer:
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it complies in accordance with the requirements of the Howard County Department of Public Works.

By the Planning Director:
I certify that this plan meets the requirements of the Howard County Department of Planning and Zoning.

By the Board of Health:
I certify that this plan meets the requirements of the Howard County Department of Health.

By the Board of Public Works:
I certify that this plan meets the requirements of the Howard County Department of Public Works.

By the Board of Zoning Administration:
I certify that this plan meets the requirements of the Howard County Department of Planning and Zoning.

DATE: 11-24-86

APPR
7-9-86
#1/4MM

LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL 5755 CEDAR LANE COLUMBIA, MD 21044

APPROVED: For public Water, Public Sewerage and Storm Drainage Systems and Roads	DATE: 11-21-86
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR	
APPROVED: For public Water and Public Sewerage Systems	DATE: 4-25-86
HOWARD COUNTY HEALTH DEPARTMENT HEALTH OFFICER	
APPROVED: Howard County Office of Planning and Zoning	DATE: 11-26-86
PLANNING DIRECTOR	
APPROVED: Howard County Department of Planning and Zoning	DATE: 11-26-86
PLANNING DIRECTOR	
APPROVED: Howard County Department of Planning and Zoning	DATE: 11-26-86
PLANNING DIRECTOR	

SUBDIVISION NAME	SECT./AREA	LOT/BLK	HOWARD COUNTY, MARYLAND
TC	1016	LOT 2	
36th	15	FOR 25	5th
WATER CODE	106	SE-16 CODE	22500

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number

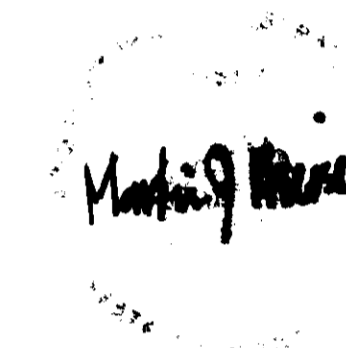
8368.00

owner's signature

project engineer

DAVID ROE P.E. #14066
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature



issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86

drawn by BUT

checked by ERM

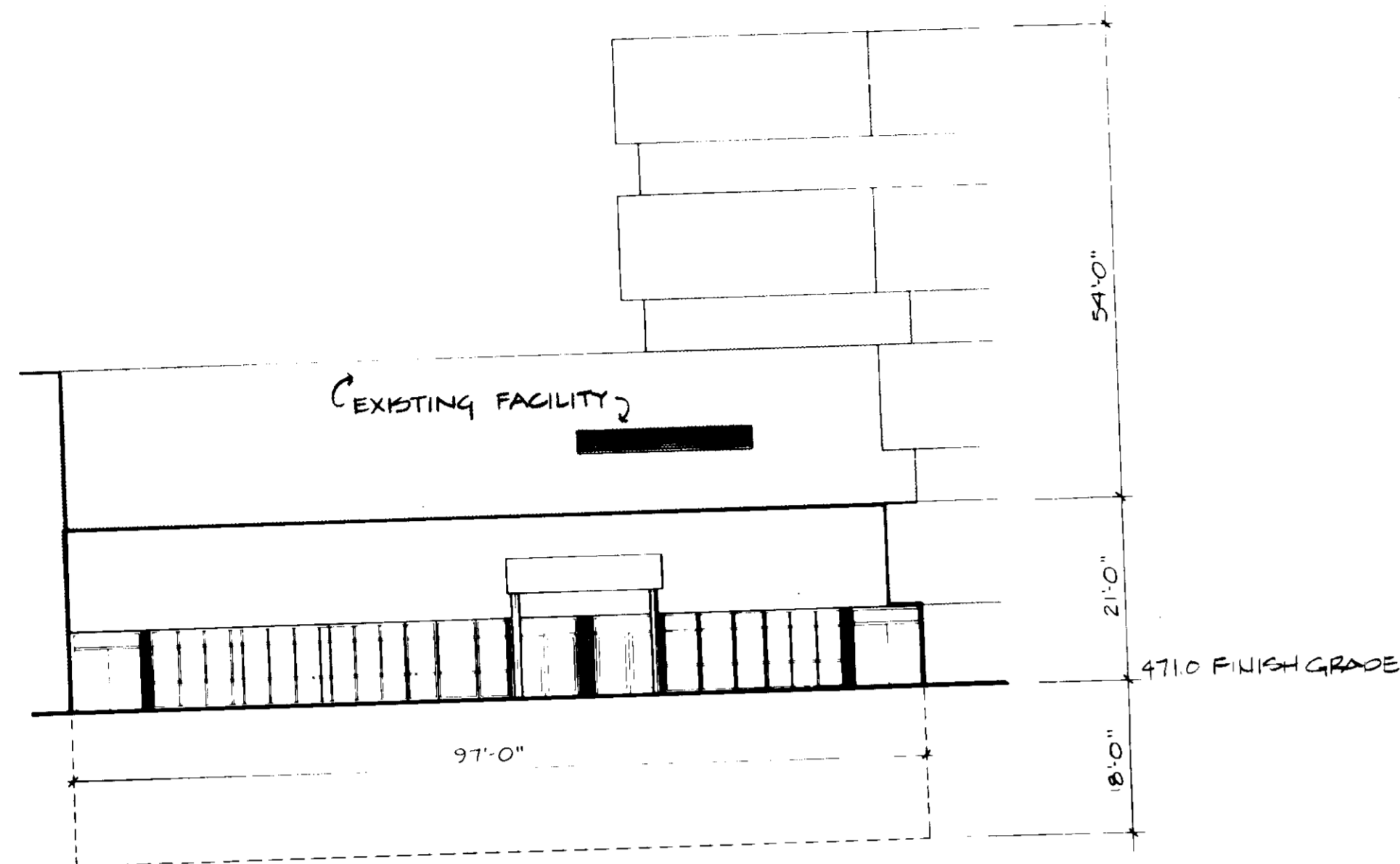
sheet title

Elevations

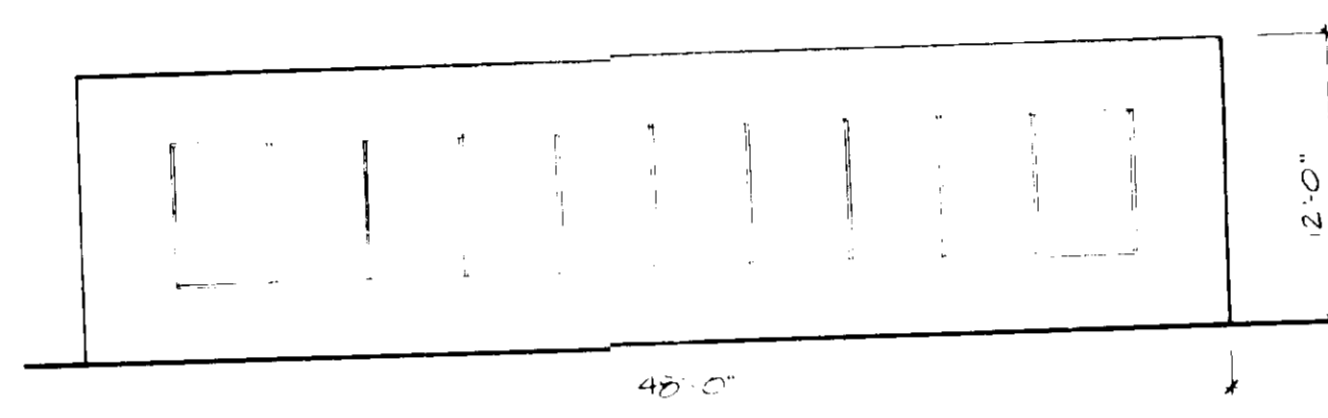
Scale: As Shown

sheet number

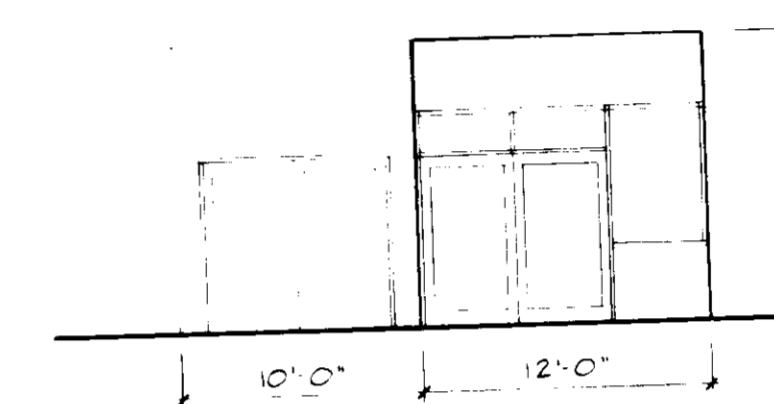
16 of 18
SDP-86-269



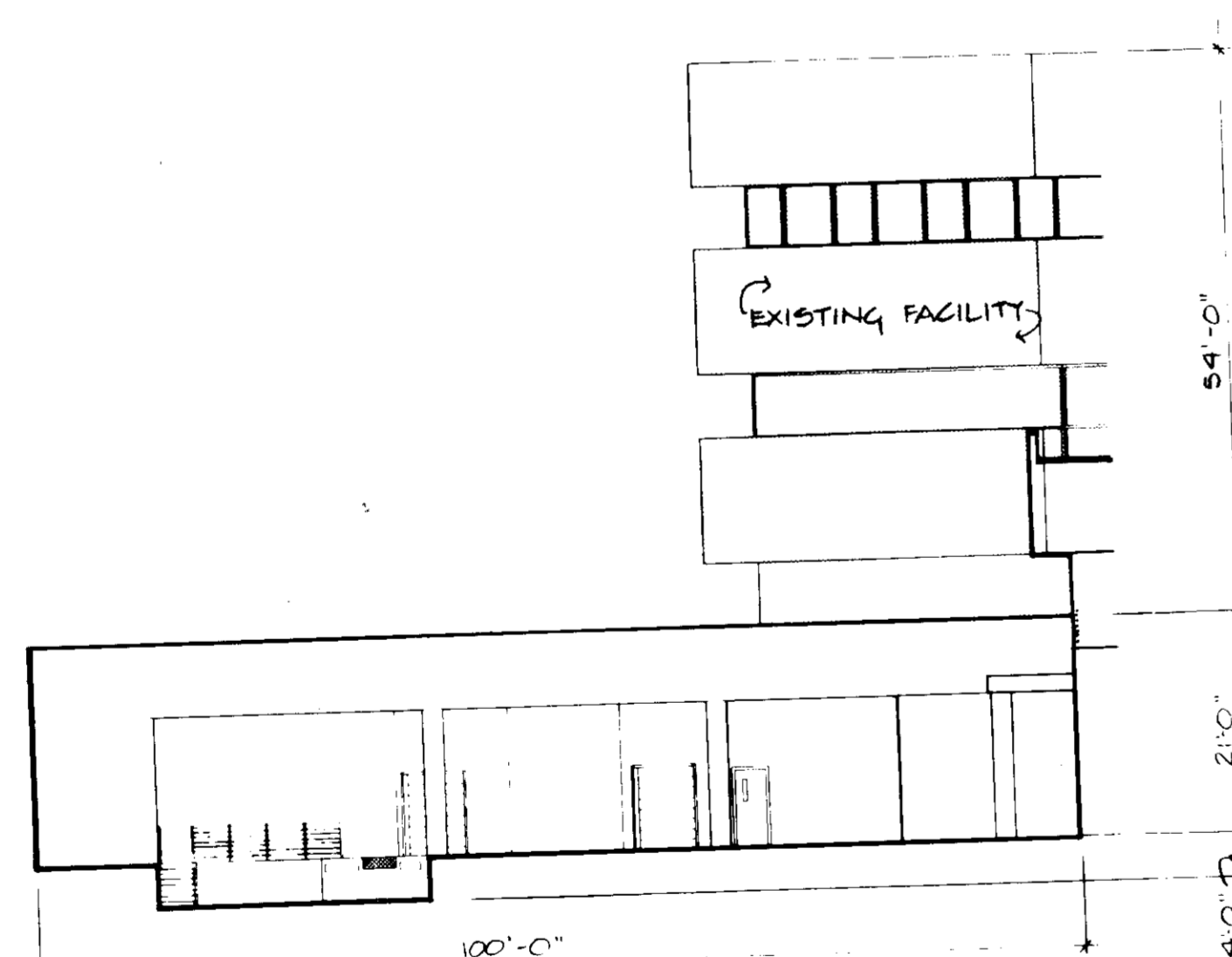
A West Elevation Courtyard Addition
1/8" = 1'-0"



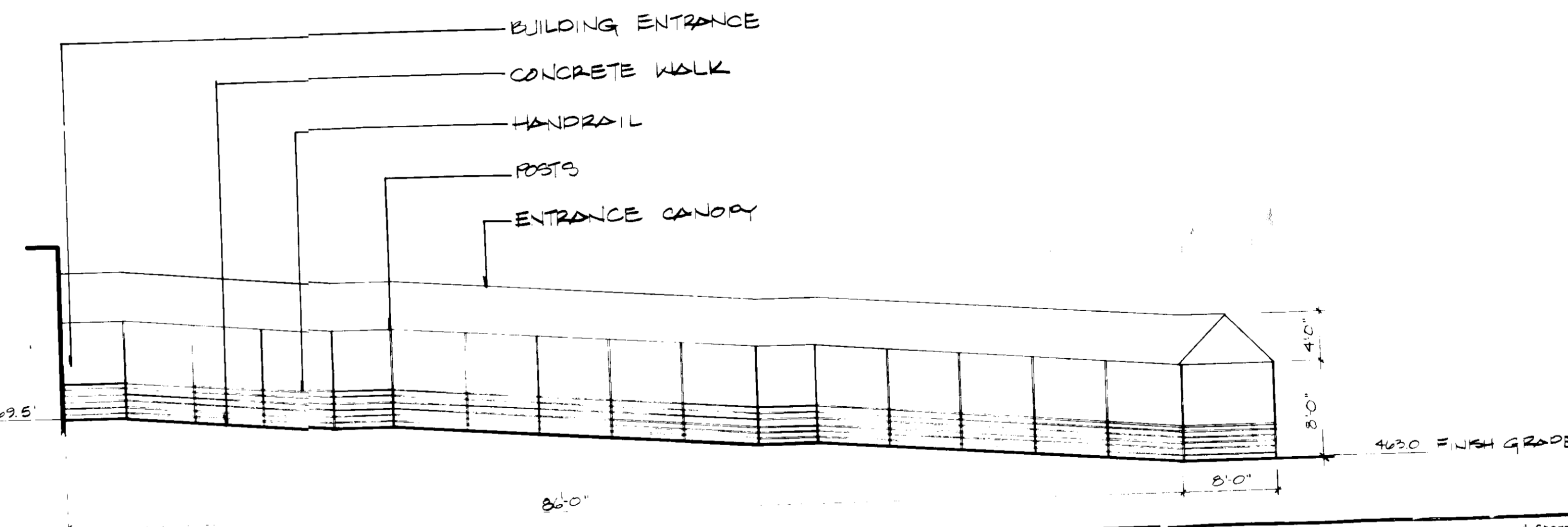
B South Elevation Temporary E.R. Entrance
1/8" = 1'-0"



C West Elevation Temporary E.R. Entrance
1/8" = 1'-0"



D South Elevation Service Area
1/8" = 1'-0"



E Southwest Elevation Entrance Canopy
1/8" = 1'-0"

By the Developer:
I certify that all development and construction will be done according to this plan, and that any necessary permits have been obtained from the appropriate agencies and that I am a duly licensed professional engineer in the State of Iowa. I am the owner of the property and I am the person in charge of the project.

Signature of Developer: *[Signature]* DATE: 7-9-86

By the Engineer:
I certify that this plan for erection and placement control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Maryland Department of Transportation.

Signature of Engineer: *[Signature]* DATE: 10-3-86

Reviewed for: *[Signature]* S.E.O. and meets technical requirements.

U.S. PATENT OFFICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

Signature: *[Signature]* DATE: 11-24-86

7-9-86

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	5155 CEDAR LANE
	COLUMBIA, MD 21044

APPROVED: For public Water, Public Sewerage and Storm Drainage Systems and Roads

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Signature: *[Signature]* DATE: 11-25-86

Signature: *[Signature]* DATE: 11-24-86

CHIEF, BUREAU OF ENGINEERING

APPROVED: For public Water and Public Sewerage Systems

HOWARD COUNTY HEALTH DEPARTMENT

Signature: *[Signature]* DATE: 11-25-86

Signature: *[Signature]* DATE: 11-26-86

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

SUBDIVISION NAME	SECT./AREA	LOT NO.	HOWARD COUNTY, MARYLAND
TC	1/2	LOT 2	
3648	5	5R	105302
			5522500

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

**HOWARD COUNTY
GENERAL HOSPITAL**
COLUMBIA, MARYLAND

project number

8368.00

owner's signature

project engineer

DAVID ROE PE #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

David Roe

issued for

item	date
SITE PLAN SUBMITTAL	6-11-86
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86

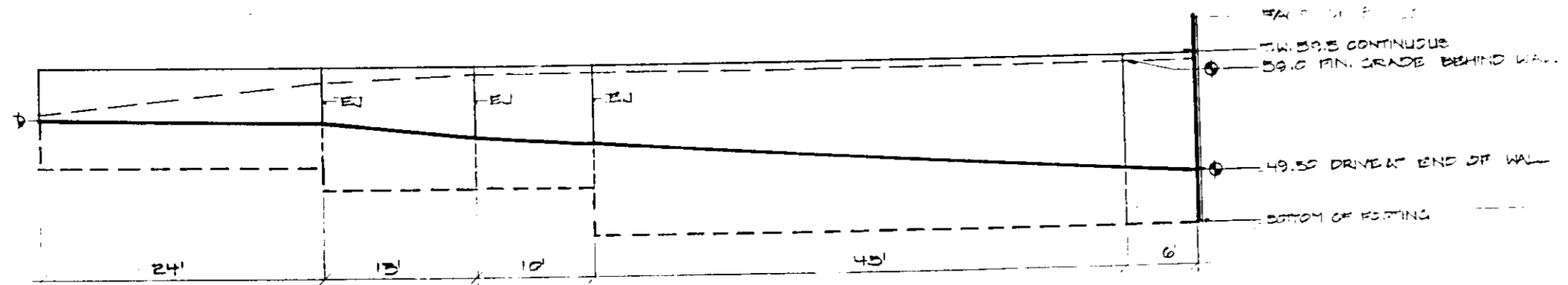
drawn by *RLT*

checked by *ERM*

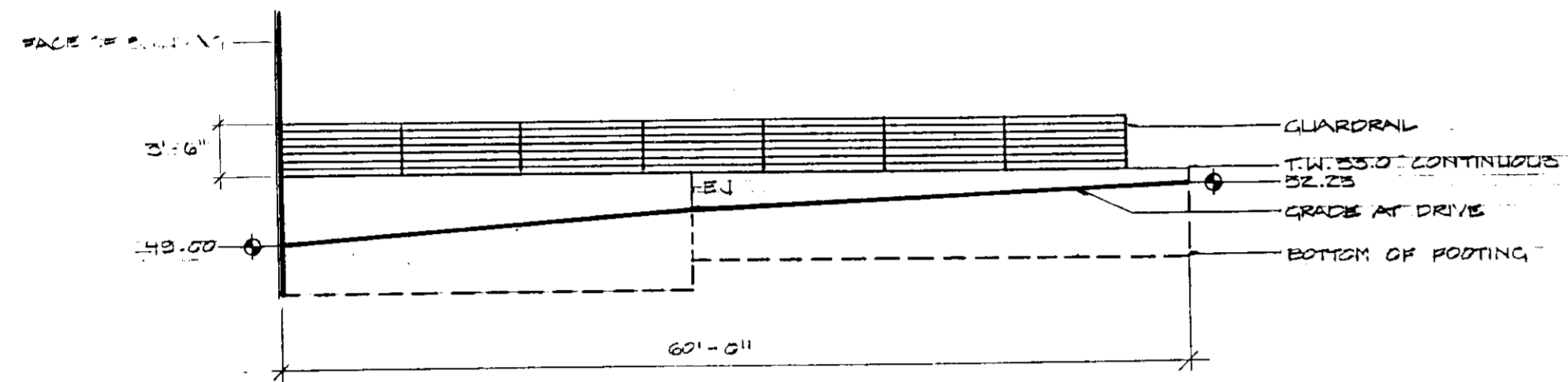
sheet title
Elevations

sheet number

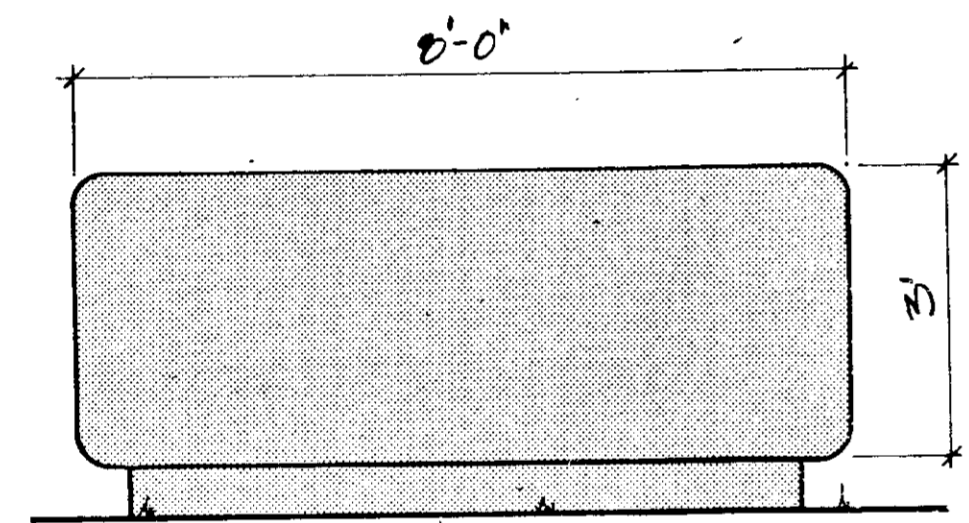
17 of 18
SDP-86-269



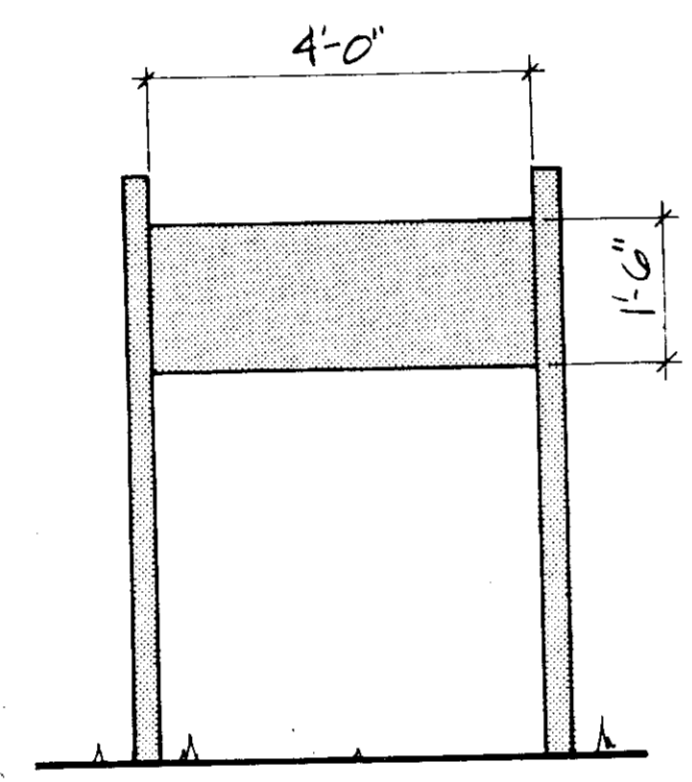
1 CONCRETE RETAINING WALL TYPE 1 SOUTHWEST ELEVATION
NO SCALE



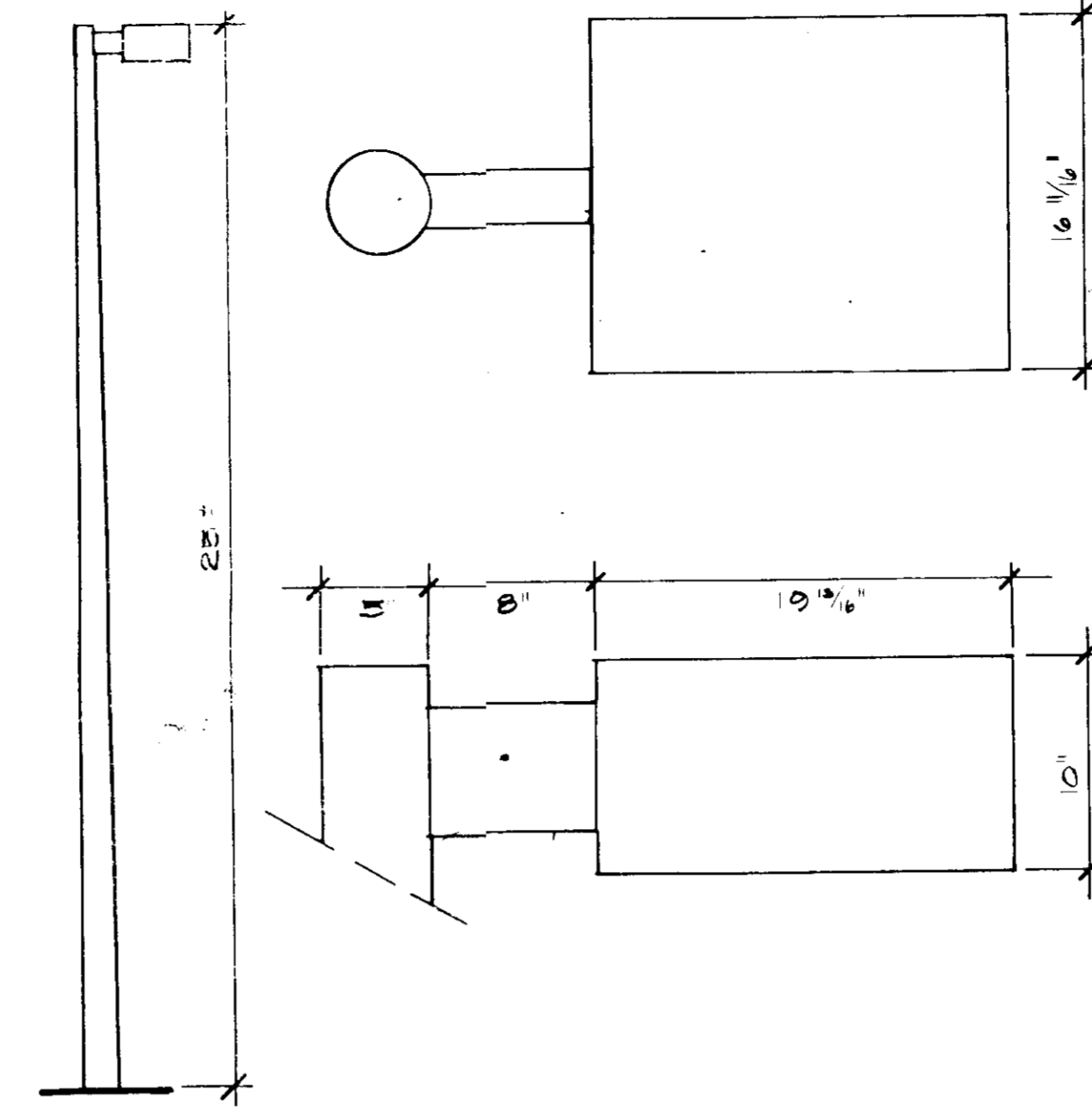
2 CONCRETE RETAINING WALL TYPE 2 NORTHWEST ELEVATION
NO SCALE



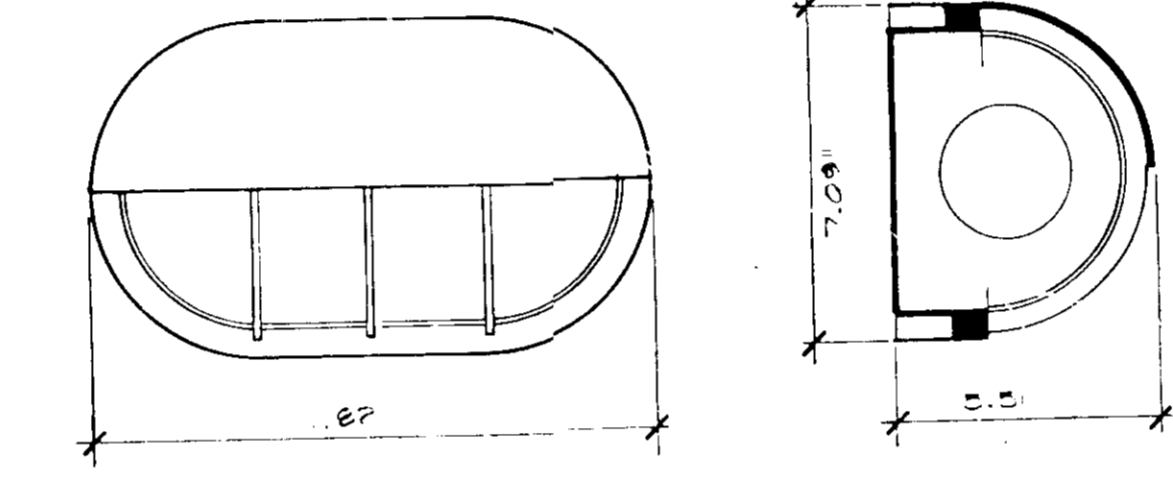
5 SIGN TYPE 1 24 sq. ft.
NO SCALE



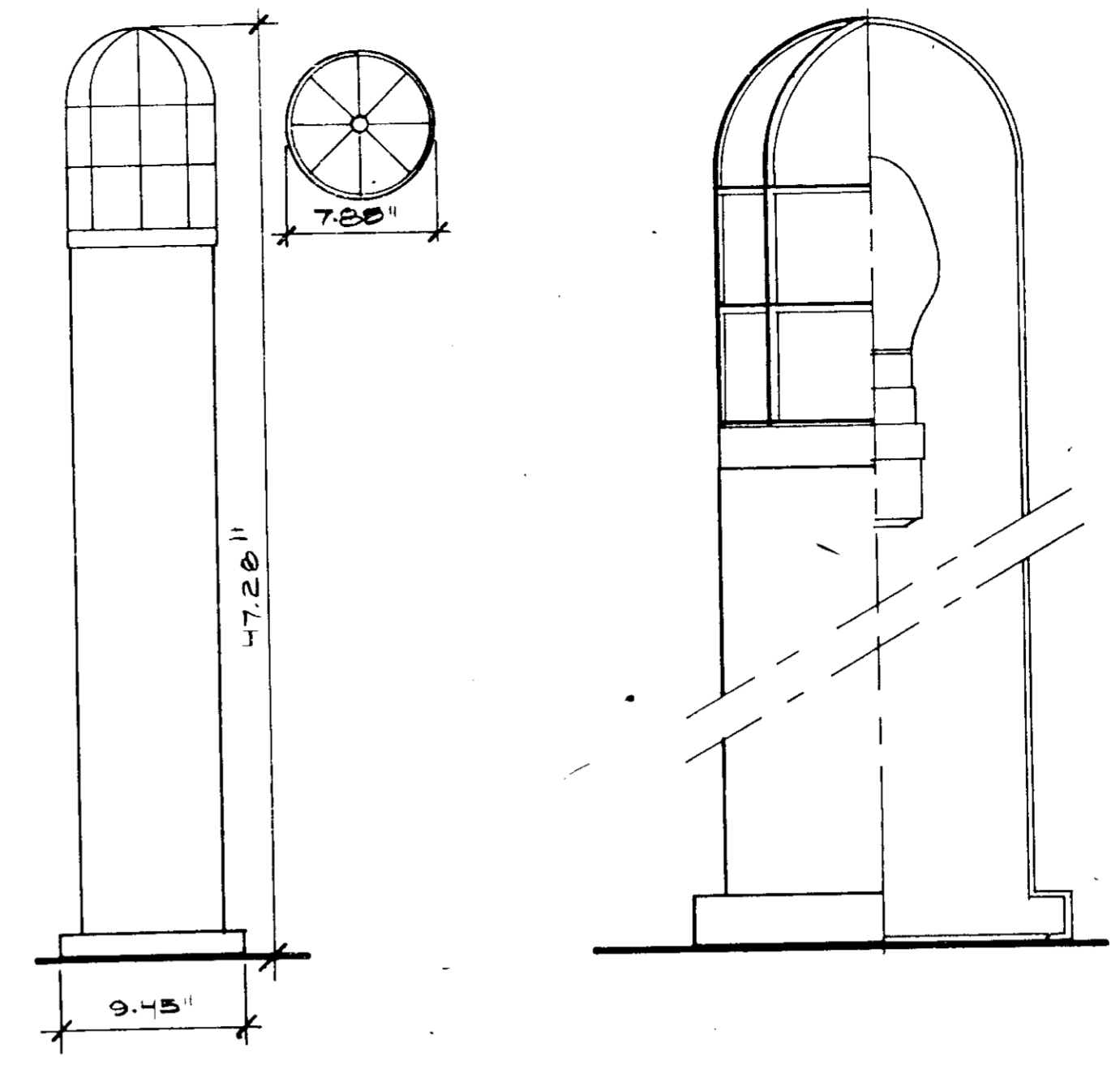
6 SIGN TYPE 2 12 sq. ft.
NO SCALE



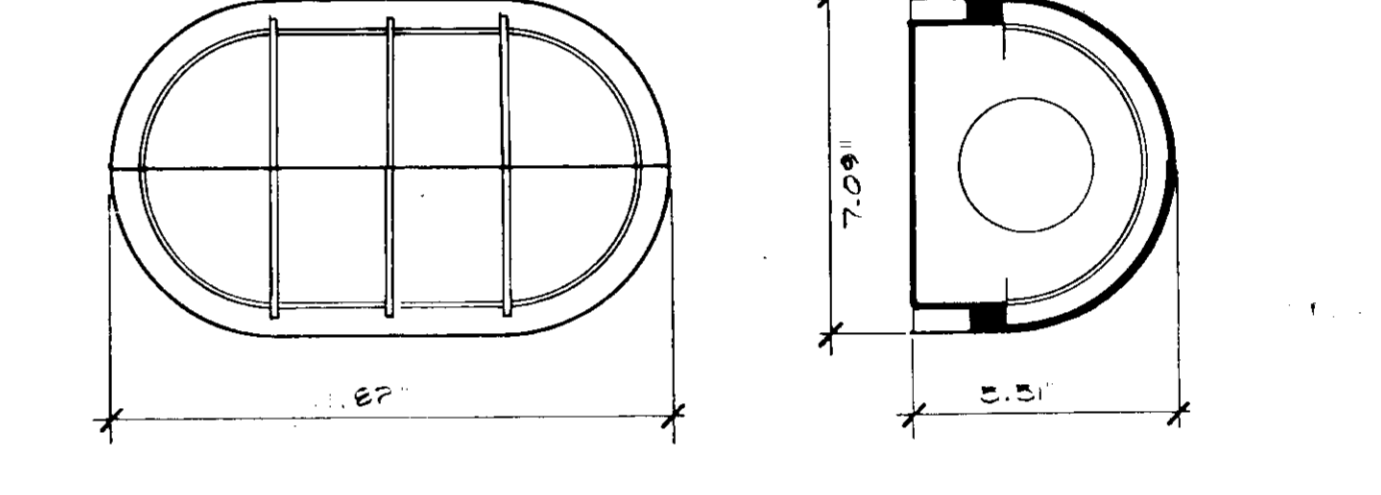
3 EXISTING LIGHT
NO SCALE



7 WALL LIGHT TYPE 3
NO SCALE



4 DOWNWARD LIGHT TYPE 5B
NO SCALE



8 WALL LIGHT TYPE 5A
NO SCALE

HOWARD COUNTY, MARYLAND

Reviewed for *[Signature]* S.C.D.
and meets Technical requirements.
U.S. Soil Conservation Service Date *11-18-86*

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
HOWARD S.C.D. DATE *11-18-86*

BY THE DEVELOPER:
"I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
Developer *[Signature]* DATE *11-18-86*

BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON THE PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
Engineer *[Signature]* DATE *10-3-86*

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
County Health Officer *[Signature]* DATE *11-25-86*

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD COUNTY GENERAL HOSPITAL
	9755 CEDAR LANE
	COLUMBIA, MARYLAND 21041

SUBDIVISION NAME		SECT./AREA	LOT/PARCEL #
TC		B/2	1/2
PLAT # OF 1 ST BLOCK	ZONE	PAN. ZONE MAP	FILED, DIST. CENSUS TR.
3048	S FOR	35	5th 6053.02
E 06		5522500	

APPROVED
PLANNING DEPARTMENT
DATE *7-9-86*
[Signature]

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director *[Signature]* DATE *11-25-86*

APPROVED: Howard County Office of Planning and Zoning
Planning Director *[Signature]* DATE *11-26-86*
Chief, Bureau of Zoning Administration *[Signature]* DATE *11-26-86*

project name/owner's name

Building Additions to SDP-86-207
and SDP-86-246

HOWARD COUNTY
GENERAL HOSPITAL
COLUMBIA, MARYLAND

project number

8368.00

owner's project number

consultants/construction managers

DAVID ROE PE #14666
HANSEN LIND MEYER P.C.
DRAWER 310 PLAZA CENTRE ONE
IOWA CITY, IOWA 52244

seal/signature

Mark J. Meisel

issued for

item	date
SITE PLAN SUBMITTAL	10-3-86
SITE PLAN SUBMITTAL	11-18-86
DINING ROOM ADDITION	1-27-88

drawn by TIL

checked by DCR

sheet title
**DRAINAGE AREA
MAP**

sheet number

18 of 18
SDP-86-269

AREA OF POND 2 (SOUTH OF BUILDING CONSTRUCTION)

0.50 41 POR 0

61 18 0

BASINS 16, 17, 18, AND 19 ALSO CONTRIBUTE TO POND 2 INFLOW.

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	HOWARD CO. GEN. HOSP.
	5755 CEDAR LANE
	COLUMBIA, MD 21044

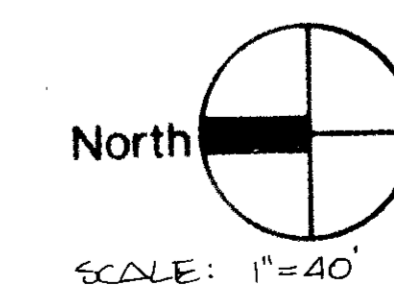
SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
TC	B/2	LOT 2
PLAT # OR L.P. BLOCK #	ZONE	TAX/ZONE MAP
3648	S POR	35
WATER CODE	ELEC. DIST.	CENSUS TR.
106	5	6553.02
	SEWER CODE	
	5521500	
HOWARD COUNTY, MARYLAND		

LEGEND

AREA (AC) I.D. ZONING POR = PLANNED OFFICE RESEARCH
SC# CURVE # % IMPERVIOUS NT = NEW TOWN

SCS SOIL GROUP

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT	11-25-86
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	11-26-86
DIRECTOR	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	11-25-86
DIRECTOR	DATE
CHIEF BUREAU OF ENGINEERING	11-24-86
	DATE



7-9-86
[Signature]

