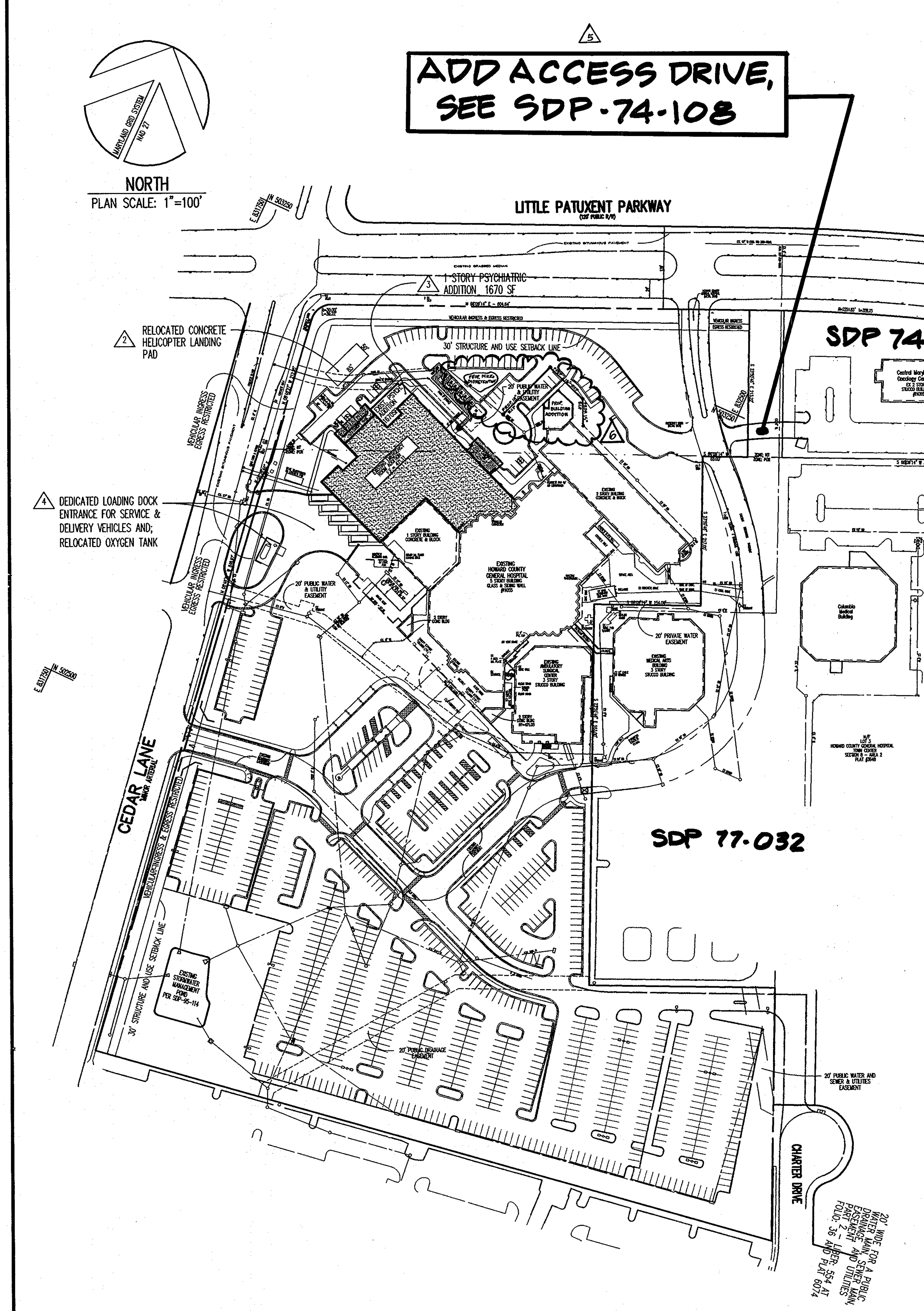

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GENERAL SITE DATA:

1. GENERAL SITE DATA:
   a. Existing Zoning: NT / POR
   b. Applicable DPZ File References: SDP-86-207, FDP-83, SDP-85-17, F-76-101, SDP-86-296, F-91-65, S-90-32, PB 266, SDP-94-04, AA-90-09, AA-95-23, WP-90-106, BA-9036, SDP-90-190, SDP-95-114. WP-05-99
   c. Proposed Use of Site or Structure(s): Hospital & Accessory Uses
   d. Proposed Water Systems: Public
2. AREA TABULATION:
   a. Total Project Area: 19.606 Acres (as indicated by Section and Area, and as shown on the Final Plat, or as shown on the Deed).
   b. Net Area of Site: 19.606 Acres (as indicated by Section and Area, and as shown on the Final Plat, or as shown on the Deed).
   c. Area of this Plan of Subdivision: 19.606 Acres.
   d. Limit of Disturbance: 3.96 Acres or 172800 Square Feet.
   e. Building Coverage of Site: (As Required by Zoning Regs): Lot Area= 19.606 ac. Existing Building Coverage= 1.74 ac. Exist. Building Coverage= 0.67 ac. Exist. Psychiatric Addition Building Coverage= 0.03 ac. Total Building Coverage= 2.44 ac. or 12.45%
3. PARKING SPACE DATA

a. Number of Parking Spaces Required by the Zoning Regulations and/or FDP Criteria:	898
b. Total Number of regular Parking Spaces Provided on-Site:	988
c. Number of Handicap Parking Spaces Provided:	32
d. Number of VAN Parking Spaces Provided:	10
e. Number of ambulance and police Parking Spaces Provided:	9
Total Number of Parking Spaces Provided on-Site:	1039

△6

BREAK DOWN OF REQUIRED PARKING SPACES:

NOTE: PARKING CALCULATIONS ARE BASED ON SECTION 133 OF THE ZONING REGULATIONS

EXISTING HOSPITAL		
1. PATIENT BEDS:	223 (1 Space/2 Beds):	112 Spaces
2. EMPLOYEES PER MAJOR SHIFT:	350 (1 Space/Employee):	350 Spaces
3. DR.'S TREATING OUTPATIENTS ON MAJOR SHIFT:	4 (4 Spaces/Doctor):	16 Spaces
EXISTING AMBULATORY SURGERY CENTER		
1. EMPLOYEES PER MAJOR SHIFT:	80 (1 Space/Employee):	80 Spaces
2. DR.'S TREATING OUTPATIENTS:	13 (4 Spaces/Doctor):	52 Spaces
PROPOSED EMERGENCY DEPARTMENT ADDITION		
1. EMPLOYEES PER SHIFT:	40 (1 Space/Employee):	40 Spaces
2. DR.'S TREATING OUTPATIENTS:	20 (4 Spaces/Doctor):	80 Spaces
EXISTING VERTICAL EXPANSION		
1. EMPLOYEES PER MAJOR SHIFT:	50 (1 Space/Employee):	50 Spaces
2. DR.'S TREATING OUTPATIENTS:	8 (4 Spaces/Doctor):	32 Spaces
EXISTING DOCTOR'S OFFICES (24,000 s.f.)		
1. EMPLOYEES PER MAJOR SHIFT:	50 (1 Space/Employee):	50 Spaces
2. DR.'S TREATING OUTPATIENTS:	24 (4 Spaces/Doctor):	96 Spaces
2013 PSYCHIATRIC ADDITION (1,790 s.f.)		
1. ADDITIONAL PATIENT BEDS:	2 (1 Space/2 Beds)	1 Space
TOTAL REQUIRED PARKING		959 ~~958~~ Spaces

PARKING SPACE DATA (EXISTING VS. PROPOSED)

NUMBER OF SPACES EXISTING (PRE CONSTRUCTION)	1039 SPACES
NUMBER OF SPACES (LOST TO CONSTRUCTION)	22 SPACES
NUMBER OF SPACES (GAINED PER CONSTRUCTION)	0 SPACES
Total Number of Parking Spaces Provided on-Site:	1027 SPACES

GENERAL NOTES:

1. "A Building Permit for the Proposed 1670 sf Pychiatric Addition shall be applied for within one (1) year measured from the D.E.D. Approval Letter for this request".
2. This project is subject to WP-05-99 for a waiver from Sections 16.119 and 16.120(a)(2) of the Regulations to allow direct access onto a restricted minor arterial road, Cedar Lane for relocated main entrance and to establish a dedicated delivery service circular entrance as approved on April 4, 2005.
3. "A grading permit for the proposed site work including the new relocated entrances and loading dock area relocated oxygen tank and landscape modifications shall be applied for within one (1) year from the approval for this red-line revision request.
4. This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.

GENERAL BENCH MARK INFORMATION:

ELEVATIONS HEREON ARE BASED UPON THE GRID MERIDIAN OF THE MARYLAND COORDINATE SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL SYSTEM:

2639003
3/4" IRON BAR ELEVATION = 479.559
LOCATED SOUTH OF LITTLE PATUXENT PARKWAY
12.1 FEET FROM THE FACE OF CONCRETE CURB, 0.16 MILES EAST OF CEDAR LANE

BM#1: GRID POINT NUMBER B-3; A PK NAIL IN THE BITUMINOUS CONCRETE PAVED DRIVEWAY ENTRANCE, ELEVATION = 474.73, 1929 U.S.C.G.S. GENERAL DATUM.

BM#2: GRID POINT NUMBER F-3; A PK NAIL IN THE BITUMINOUS CONCRETE PAVED DOCTOR'S PARKING LOT, WEST OF THE MAIN BUILDING, ELEVATION = 470.44, 1929 U.S.C.G.S. GENERAL DATUM.

BM#3: SQUARE CUT IN TOP OF SOUTHEAST CORNER OF CONCRETE PEDESTAL LIGHT BASE IN THE MAIN PARKING LOT, SOUTHEAST SECTION, ELEVATION = 463.79, 1929 U.S.C.G.S. GENERAL DATUM.

REFERENCE: S90-32, AA-90-09, WP-90-106, BA-9036V, SDP-86-269, SDP-86-207, SDP-85-17, FDP-83, F-76-101, F-91-65, SDP-90-190, SDP-94-04, AA-95-23.

NOTE: ON AUGUST 3, 1995, AN ADMINISTRATIVE ADJUSTMENT TO ALLOW FOR THE INCREASE IN THE MAXIMUM ALLOWABLE HEIGHT FROM 80 FEET TO 96 FEET, FOR A PARAPET AND PENTHOUSE WAS GRANTED.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS M.S.H.A. STANDARDS AND SPECIFICATIONS IF APPLICABLE.

2. Approximate locations of existing utilities are shown from available utility records and information. The contractor shall take all necessary precautions required to protect any existing utilities and maintain uninterrupted service. Any damage incurred due to the contractor's operations shall be repaired immediately at the contractor's sole expense.

3. The contractor shall test pit, by hand, all existing utility crossings at least five (5) days prior to the START OF construction as shown on these drawings, to verify their location and elevation. The contractor SHALL NOTIFY THE engineer immediately if locations and/or elevations are other than shown.

4. The contractor shall notify the following utility companies or agencies at least five (5) working days PRIOR TO start of construction for any work shown on these drawings:

MISS UTILITY	1-800-257-7777
C& P TELEPHONE	410-725-9976
HOWARD COUNTY BUREAU OF UTILITIES	410-313-4900
AT&T CABLE LOCATION DIVISION	410-393-3553
BALTIMORE GAS & ELECTRIC COMPANY	410-685-0123
STATE HIGHWAY ADMINISTRATION	410-531-5533
HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION (24 hours notice prior to start of work)	410-313-1880

5. Existing topographic survey information was OBTAINED FROM FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS prepared by Daft McCune Walker, dated February 22, 1995, and supplemented by Joyce Engineering CORPORATION dated October 10, 1999.

6. All inlet structures shall be constructed in accordance with Howard County Standards or MSHA Standards AS specified on the structure schedule.

7. Operating existing valves, switches, services or start up of new services shall be coordinated with the OWNERS representative.

8. Required soil erosion and sediment control facilities shall be provided, installed and maintained as required.

9. The contractor shall carefully remove from the area to be disturbed all trees, shrubs and plant materials USING procedures recommended by the American Nurseryman's Association so as to maximize the continual survival and health of the materials. These trees, shrubs and plant materials shall be transported to a designated LOCATION on the owner's property and heeled into a mulch holding bed for future use by the owner in locations OTHER THAN those involved in the contract work; or permanently planted immediately at the direction of the LANDSCAPER architect or owner.

10. Where demolition is indicated on the drawings, it shall mean to completely demolish the feature, clear the AREAS of all debris and dispose of the material off-site at a legal dump-site. Abandon means to leave the FEATURE IN place and cut where required, and bulkhead all cut ends with a plug or cap or construct a minimum 9" THICK brick and mortar bulkhead conforming to the existing utility materials.

11. THE NEW TOWN ZONED PORTION OF THIS PROPERTY IS EXEMPT FROM THE FOREST CONSERVATION (FC) ORDINANCE IN ACCORDANCE WITH SECTION 16.1202 [B] [I] [IV]

12. THE POR ZONED PORTION OF THIS PROPERTY IS EXEMPT FROM THE FOREST CONSERVATION (FC) ORDINANCE IN ACCORDANCE WITH SECTION 16.1202 [b] [I] [iii]

13. THERE ARE NO KNOWN CEMETERIES OR BURIAL GROUNDS ON THIS SITE.

14. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.

15. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

16. ALL CURB RADII ARE 5' UNLESS OTHERWISE NOTED.

17. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVISES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE TO THE PLACEMENT OF ANY ASPHALT.

18. THERE IS NO FLOODPLAIN ON-SITE.

19. THERE ARE NO WETLANDS ON THIS SITE.

20. THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP, DATED 03/04/99 AND WAS APPROVED ON:

21. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODEDIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NUMBERS 35C2 AND 35C5 WERE USED FOR THIS PROJECT.

22. WATER IS PRIVATE FOR DOMESTIC, AND PUBLIC FOR FIRE, CONTRACT #44-1558 D

23. SEWER IS PRIVATE

24. STORMWATER MANAGEMENT IS PROVIDED BY AN ON-SITE STORM WATER MANAGEMENT POND BUILT PER SDP-95-114 AND IS OWNED AND MAINTAINED BY THE HOWARD COUNTY GENERAL HOSPITAL.

25. THE FOLLOWING NOTES SHALL APPLY TO THE TEMPORARY CONSTRUCTION ACCESS TO LITTLE PATUXENT PARKWAY:

A) THE TEMPORARY CONSTRUCTION ACCESS TO LITTLE PATUXENT PARKWAY SHALL BE USED FOR CONSTRUCTION DELIVERIES ONLY. CONSTRUCTION WORKERS SHALL PARK ELSEWHERE ON THE SITE.

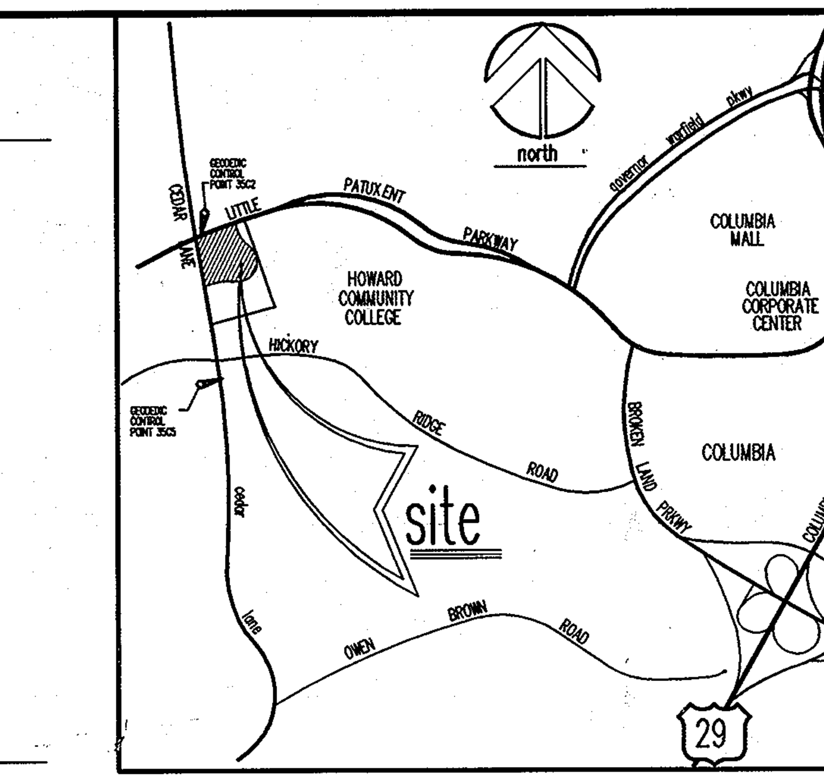
B) CONSTRUCTION TRAFFIC WILL NOT BE ALLOWED TO DO THE "U-TURN" MANEUVER AT THE INTERSECTION OF LITTLE PATUXENT PARKWAY/CEDAR LANE. CONSTRUCTION TRAFFIC SHALL BE ROUTED TO HEAD NORTH ON CEDAR LANE THEN TURN RIGHT AT LITTLE PATUXENT PARKWAY AND RIGHT ONTO THE ACCESS. FLAG MEN WILL BE REQUIRED AS NECESSARY. DELIVERIES SHALL BE MADE DURING NON-PEAK TRAFFIC HOURS WHERE POSSIBLE.

C) PROVIDE A STABILIZED CONSTRUCTION ENTRANCE. THE ACCESS SHALL BE GATED OR CHAINED TO PREVENT UNAUTHORIZED USE.

D) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE REPAIRS TO THE CURB AND GUTTER, GRASS, AND OTHER APPURTENANCES WITHIN THE COUNTY RIGHT-OF-WAY THAT MAY BE DISTURBED AS RESULT OF THIS ACCESS.

E) PARKING SHALL BE RESTRICTED ALONG LITTLE PATUXENT PARKWAY EXCEPT IN INSTANCES WHERE A CONTINUOUS WORK EFFORT IS INVOLVED SUCH AS A LARGE CONCRETE POUR.

F) PROVIDE APPROPRIATE SIGNAGE ON APPROACH ROADWAYS. PLEASE COORDINATE WITH THE TRAFFIC ENGINEERING DIVISION OF THE BUREAU OF ENGINEERING FOR SIGNING DETAILS. THEY MAY BE REACHED AT 410 313-3059 AT YOUR CONVENIENCE.



LOCATION MAP
PLAN SCALE: 1"=2000'

PURPOSE STATEMENT:
THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO PROVIDE AN ACCESS DRIVE ON THE EAST SIDE OF CAMPUS, SEE SDP 74-108 FOR INFORMATION.

PURPOSE STATEMENT:
IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/25/06
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 11/8/06
DIRECTOR — DATE 11/8/06

DATE	NO.	REVISION DESCRIPTION
8-23-10	5	REVISED TO ADD ACCESS DRIVE. SEE PURPOSE STATEMENT ABOVE
04.03.06	4	SHOW NEW MAIN ENTRANCE AND DEDICATED LOADING DOCK ENTRANCE FOR SERVICE AND DELIVERY VEHICLES AND RELOCATED OXYGEN TANK.
02.08.06	3	ADDED 1670 SF PSYCHIATRIC ADDITION TO THE EMERGENCY ROOM.
04.03.03	2	ADDED CONCRETE PAD TO HELICOPTER LANDING AREA AND ADDED CONCRETE DETAILS.
07.01.02	1	ADDED NEW SCRUBBER, CONDENSER, QUENCHER AND DISCHARGE SILENCER NEAR EXISTING LOADING FACILITY.
10.29.13	6	BUILDING ADDITION & STORMWATER MANAGEMENT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766-BALTIMORE AVENUE – TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
4/276	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2	LOT/PARCEL #: 4/276
PLAT# OR L/F: 18628	TAX/ZONE MAP: 35 NT/POR; ELECT. DISTRICT: 5TH	CENSUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500	

TITLE: COVER SHEET
SITE DEVELOPMENT PLAN

DES BY WAJ	SCALE AS SHOWN	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	1 OF 14
CHK BY WAJ	APPROVED	

THIS SEAL FOR △6 REVISIONS MADE BY SITE RESOURCES, INC.

PROFESSIONAL ENGINEER JENNIFER HARRINGTON Reg. No. 23165 STATE OF MARYLAND 12.12.13

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE: 07/18/15.

~~MAY 30, 2000~~ 17 OCT 2006
DATE 23 AUG 2010

STATE OF MARYLAND MATTHEW E. ... No. 27729 PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. ~~12243~~ 27729

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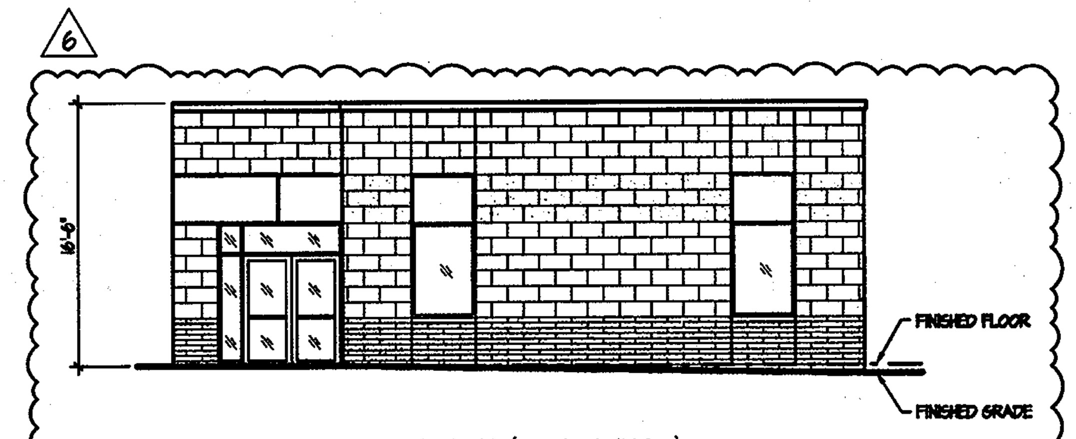
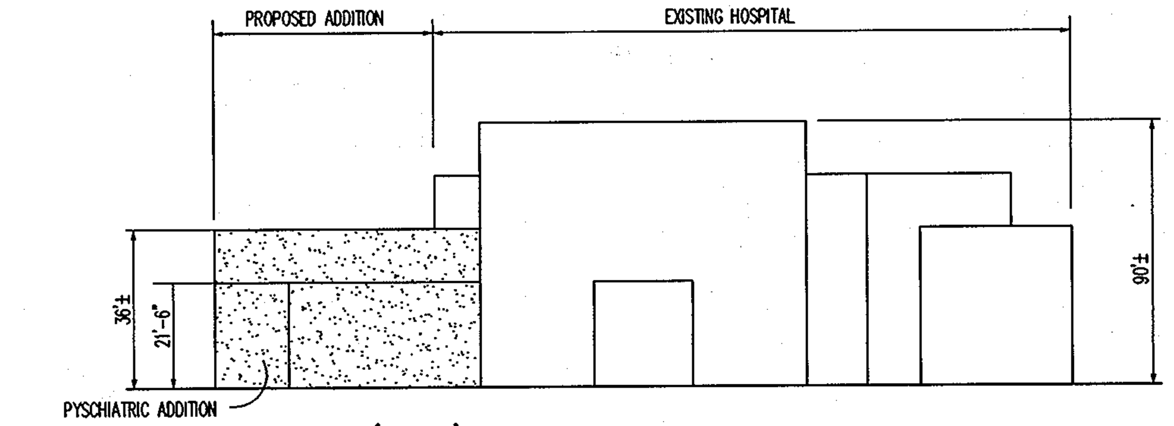


BUILDING ADDITION ELEVATION (SOUTHWEST)
NOT TO SCALE



BUILDING ELEVATION (SOUTH)
NOT TO SCALE

PLOT DATE: 05/08/06
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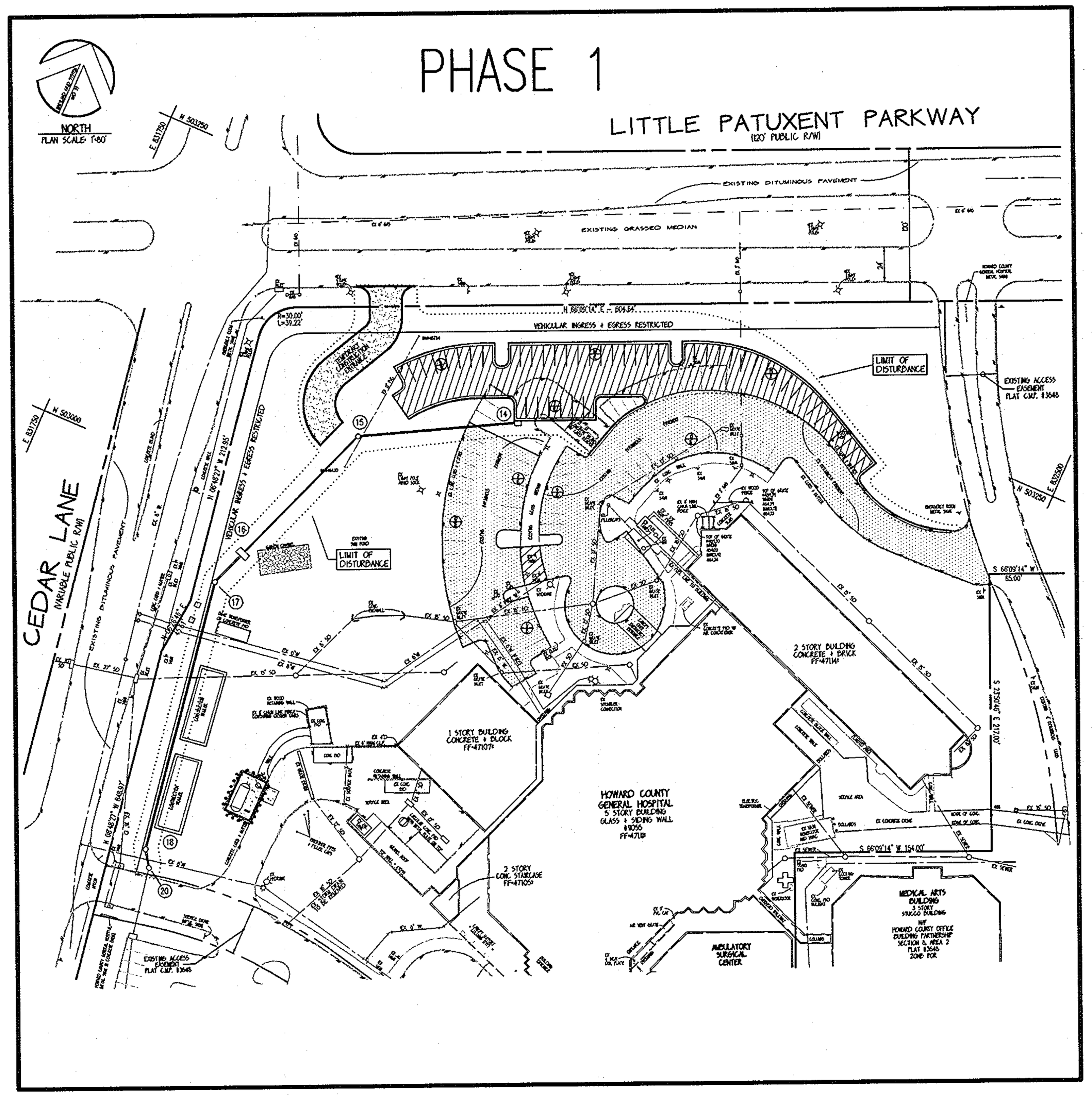

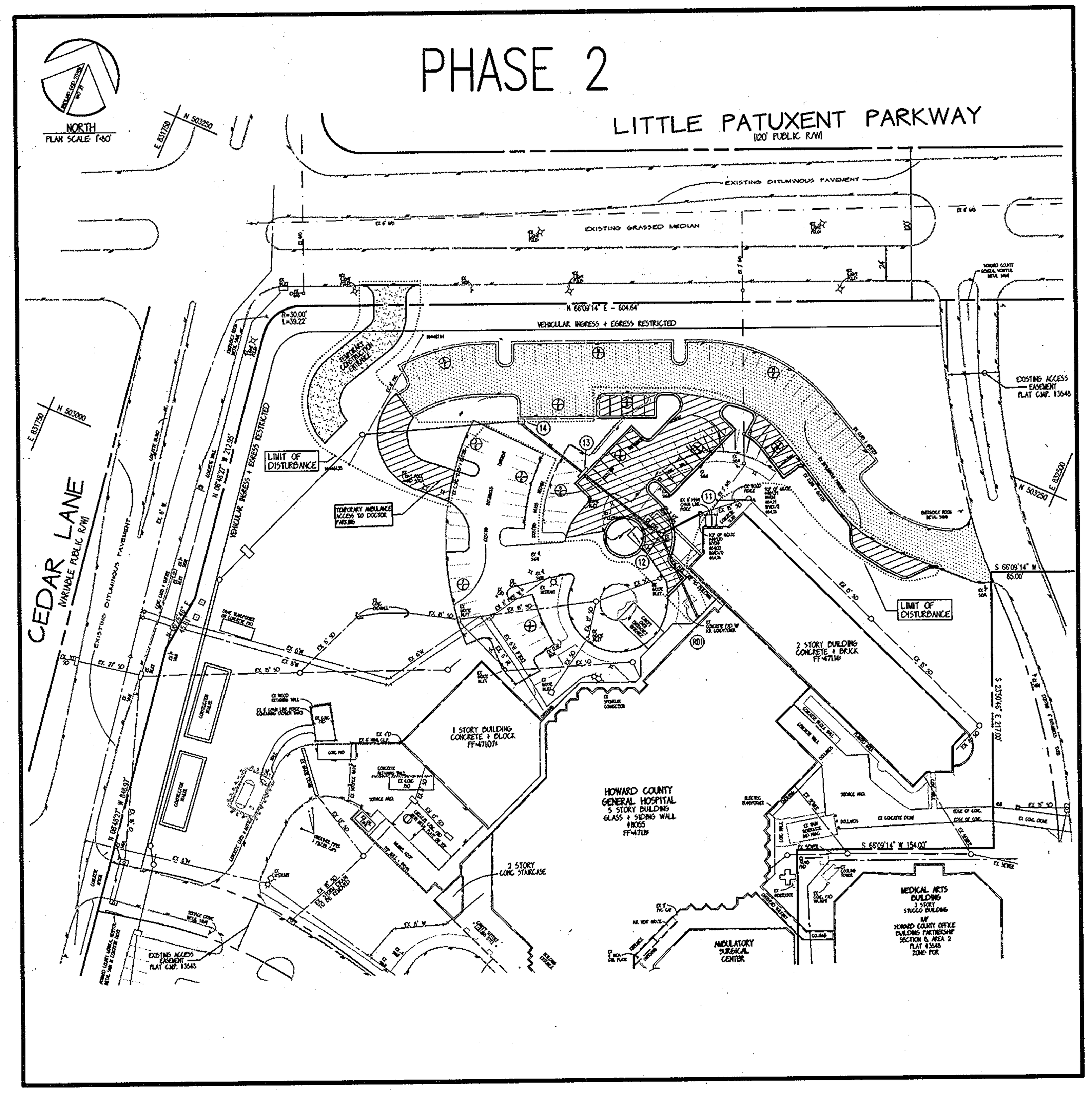

PHASE 1 SEQUENCE OF CONSTRUCTION

1.	RELOCATE EMERGENCY HELICOPTER LANDING AREA TO TEMPORARY LOCATION ON SW CORNER OF EXISTING PARKING LOT, SEE COVER SHEET FOR LOCATION.	1 WEEKS
2.	BUILD TEMPORARY CONSTRUCTION ACCESS TO LITTLE PATUXENT PARKWAY.	1 WEEKS
3.	CONSTRUCT NEW ACCESS TO OLD "DOCTOR'S" PARKING AREA.	1 WEEKS
4.	INSTALL STORM DRAIN STRUCTURES #14, 15, 16, 17, 18 + 20, INCLUDING THE REQUIRED STORM DRAIN CULVERTS. CONNECT TO EXISTING STUB AT LOADING DOCK AREA. LIMIT OF DISTURBANCE TO BE STABILIZED AT THE END OF EACH WORKDAY.	3 WEEKS
5.	REMOVE EXISTING "DOCTOR'S" PARKING AREA ENTRANCE, INCLUDING GATE CONTROLS.	2 WEEKS
6.	CONSTRUCT NEW PARKING AS SHOWN.	3 WEEKS
7.	INSTALL NEW OXYGEN TANK PAD, TANK AND LINES *	3 WEEKS

MINIMUM NUMBER OF PARKING SPACES PROVIDED AT ALL TIMES = 50 SPACES.

PHASE 2 SEQUENCE OF CONSTRUCTION

1.	CONSTRUCT NEW TEMPORARY AMBULANCE ACCESS INTO "DOCTOR'S" PARKING AREA.	1 WEEKS
2.	REMOVE EXISTING FUEL TANKS.	2 WEEKS
3.	INSTALL STORM DRAIN STRUCTURES #11, 12, 13 AND RD#1, INCLUDING THE REQUIRED STORM DRAIN CULVERTS.	3 WEEKS
4.	ABANDON EX 8" & 6" WATER AT CEDAR LANE AND PROVIDE INTERIOR PLUMBING CROSS CONNECTIONS, REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.	1 WEEKS
5.	CONSTRUCT NEW TRAFFIC CIRCLE AND NEW PARKING AS SHOWN. *	4 WEEKS

MINIMUM NUMBER OF PARKING SPACES PROVIDED AT ALL TIMES = 70 SPACES.

PHASE 3 SEQUENCE OF CONSTRUCTION

1.	CONSTRUCT NEW TEMPORARY AMBULANCE CANOPY.	3 WEEKS
2.	INSTALL NEW 8" WATER MAIN TO PROPOSED EXTERIOR BLDG FACE, PER PLAN.	2 WEEKS
3	CONSTRUCT NEW CURB AND ABANDON THE "DOCTOR'S" PARKING AREA..	3 WEEKS
4.	BEGIN BUILDING CONSTRUCTION. EXISTING SWM FACILITY WILL BE FILLED AND GRADED WITH MATERIAL FROM BUILDING EXCAVATION. *	100 WEEKS

MINIMUM NUMBER OF PARKING SPACES PROVIDED AT ALL TIMES = 73 SPACES.

PHASE 4 SEQUENCE OF CONSTRUCTION

1.	CONSTRUCT REMAINING NEW CURB AND PARKING LOTS. REMOVE TEMPORARY ACCESS TO LITTLE ACCESS TO LITTLE PATUXENT PARKWAY.	4 WEEKS
2.	ADJUST STORM DRAIN STRUCTURED I-5 & I-17 AS NECESSARY TO FINAL CURB ELEVATIONS.	2 WEEKS
3.	SURFACE PAVE ENTIRE PROJECT *	2 WEEKS

MINIMUM NUMBER OF PARKING SPACES PROVIDED AT ALL TIMES = 80 SPACES.

* NOTE: CONTRACTOR TO OBTAIN IN WRITING, PERMISSION TO PROCEED AT THE END OF EACH SEQUENCE OF CONSTRUCTION PHASE.

NOTE: PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR MAY BE REQUIRED TO CONSTRUCT TEMPORARY ASPHALT, CONCRETE OR TIMBER WALKWAYS. THESE WALKWAYS MAY NEED TO BE COVERED. THE TYPE, EXTENT, LIMITS AND PHASING OF PEDESTRIAN WALKWAYS SHALL BE DETERMINED BY THE CONTRACTOR AND THE OWNER.

NOTE: TEMPORARY TRAFFIC PATTERN CHANGES, INSTALLATION OF TEMPORARY BARRICADES, AND OTHER VEHICULAR AND PEDESTRIAN TRAFFIC CONTROLS MAY BE REQUIRED. THE CONTRACTOR SHALL NOTIFY THE OWNER WELL IN ADVANCE OF ANY CHANGES THAT MAY IMPACT ACCESS TO THE EXISTING EMERGENCY ROOM.

NOTE: SEE COVER SHEET FOR TEMPORARY HELIPAD LOCATION, SEE SHEET 4 OF 14.

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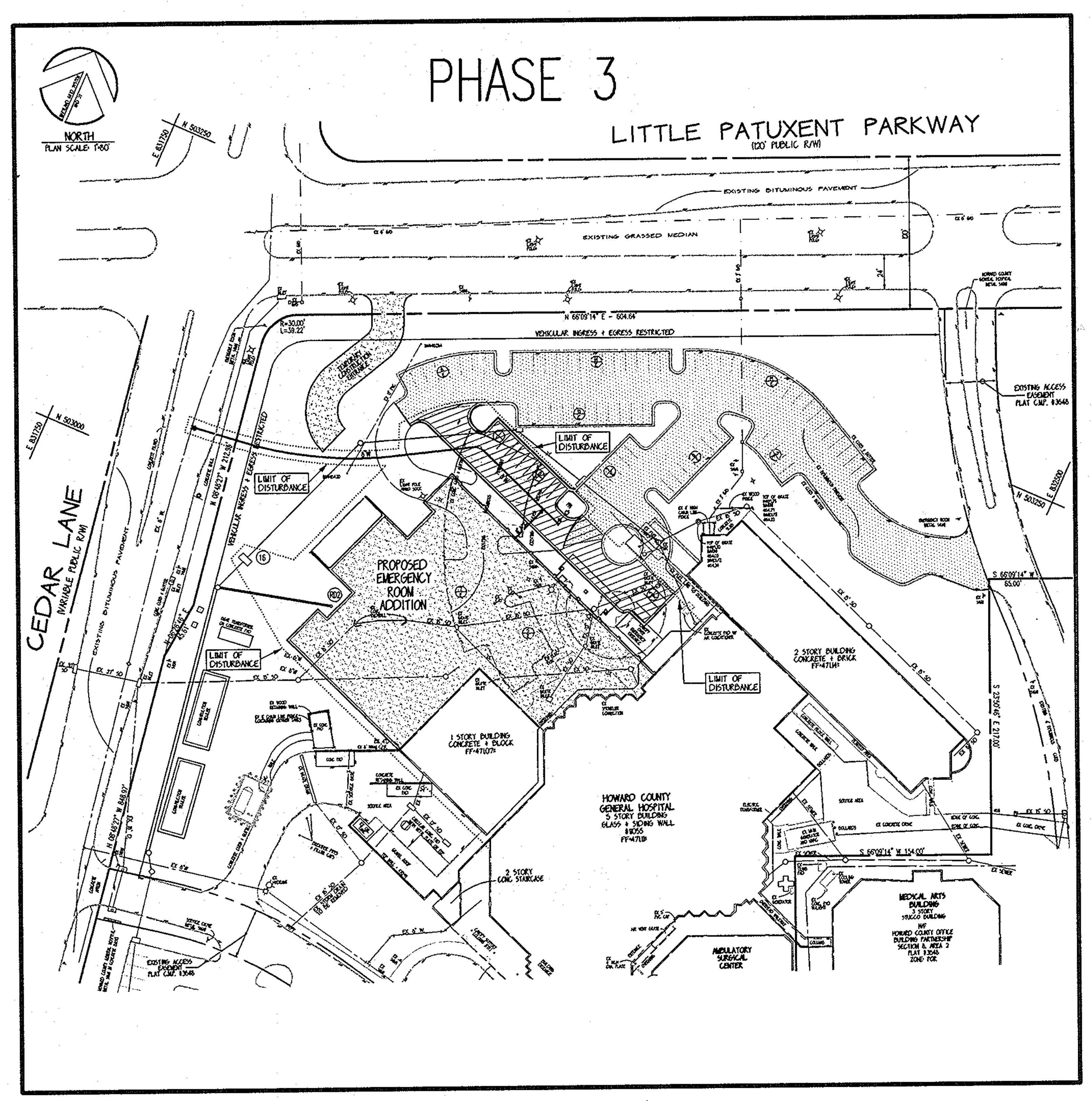
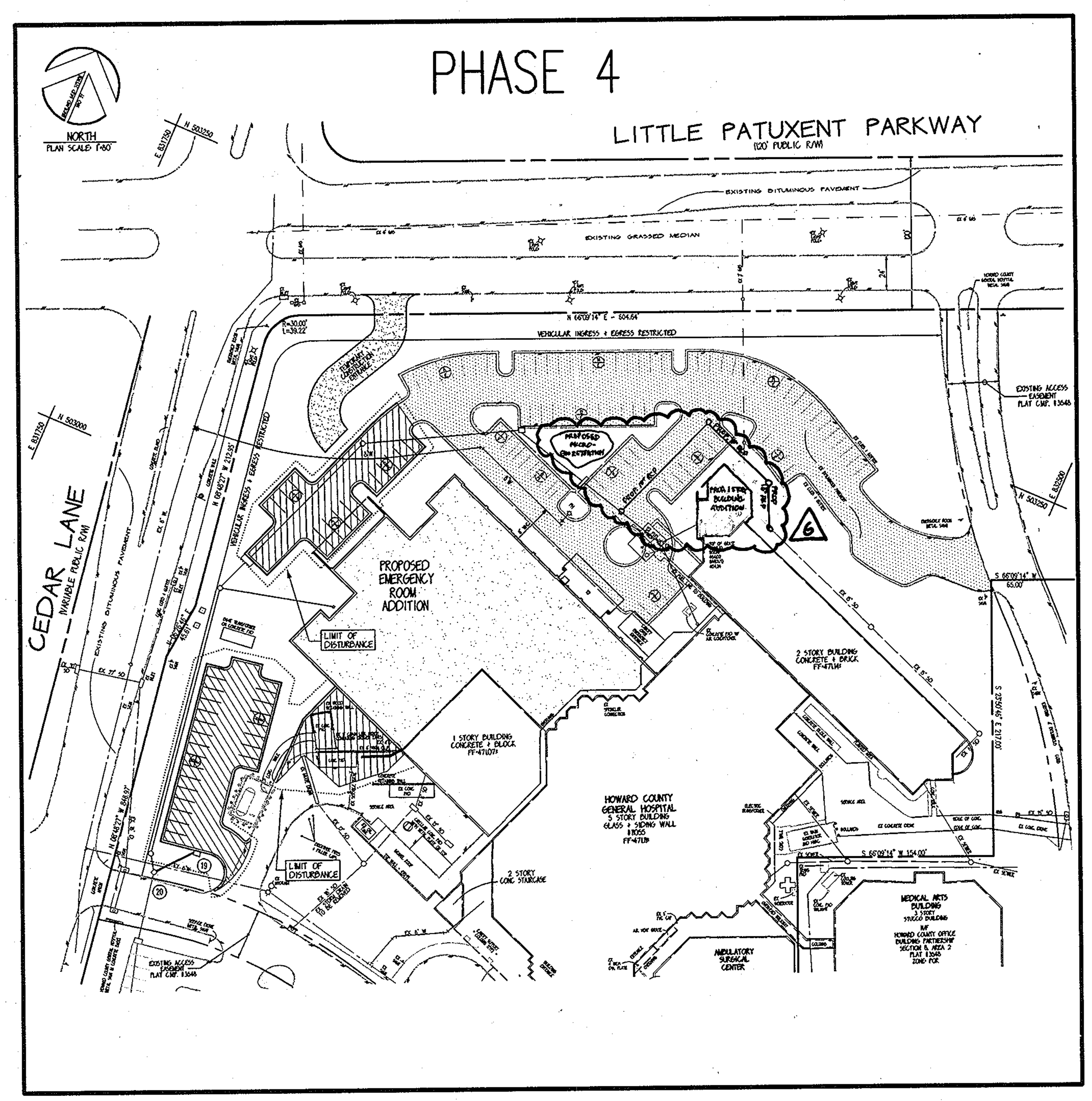
APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000





LEGEND

(dotted)	EXISTING/NEW PAVING
(hatched)	PAVED TO BASE COURSE
(stippled)	TEMPORARY ACCESS PAVEMENT

THIS SEAL FOR 6 REVISIONS MADE BY SITE RESOURCES, INC.

12.12.13

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE. 07/18/15.

MAY 30, 2000
DATE

PROFESSIONAL ENGINEER. NO. 12243

APPROVED: ~~FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT~~
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00
DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION
10-16-13	6	BUILDING ADDITION & STORMWATER MANAGEMENT

PROJECT
HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

PERMIT INFORMATION CHART

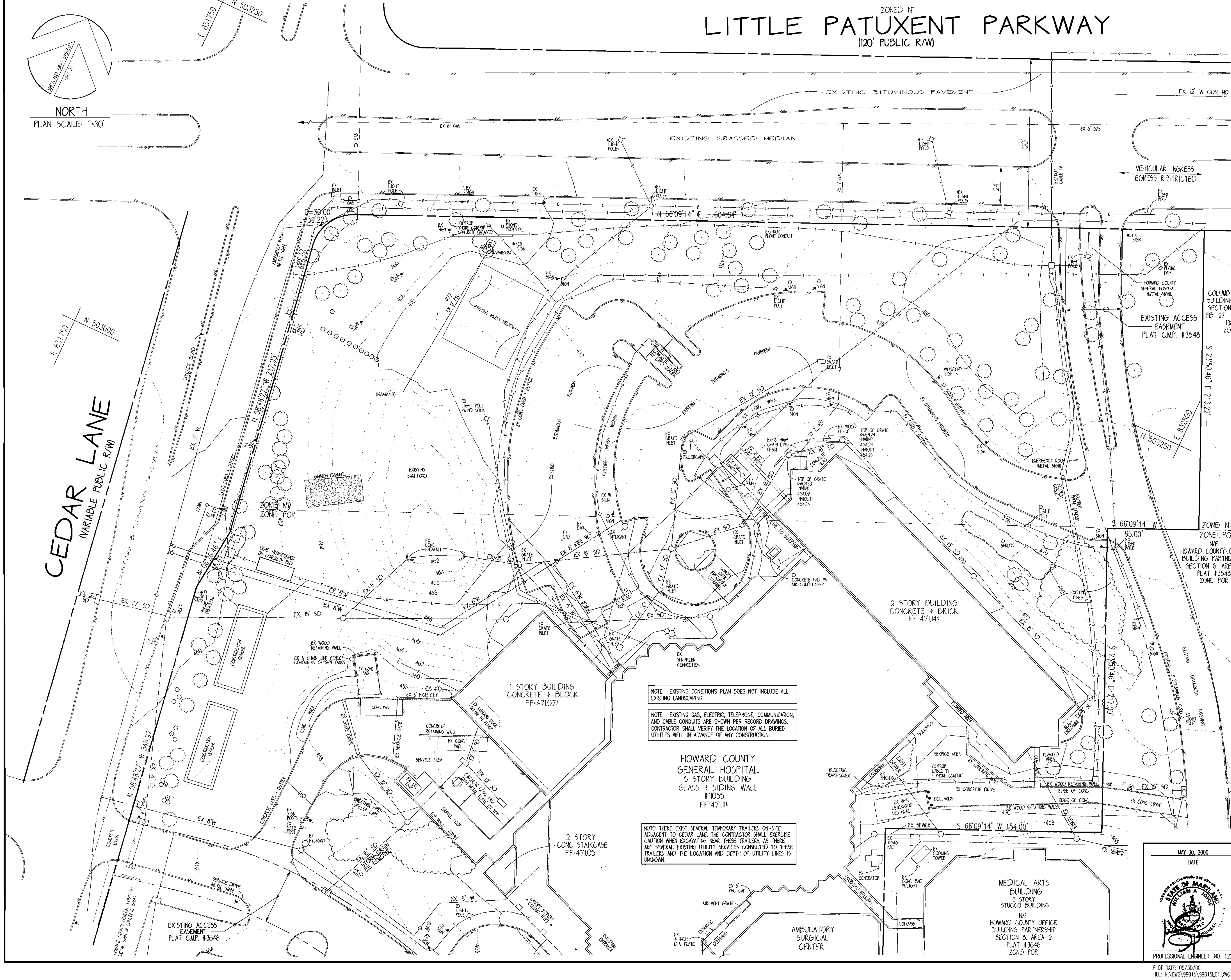
SUBDIVISION TOWN CENTER	SECTION/AREA 8 / 2		LOT/PARCEL # 2/276
PLAT# OR L/F 3648	TAX/ZONE MAP 35	ELECT. DISTRICT 5TH	CENCUS TRACT 6053.02
WATER CODE 106	SEWER CODE 5522500		

TITLE
SITE GRADING AND DEVELOPMENT PHASING PLAN

DES BY WAJ	SCALE 1"=80'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	2 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/00
FILE: R:\DWG\99015\99015PHA.DWG

SDP-00-72



NOTE: EXISTING TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY INFORMATION AS SHOWN, IS BASED UPON AVAILABLE RECORD INFORMATION AS PROVIDED BY THE OWNER/DEVELOPER/APPLICANT. ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY DIGGING TEST PITS, BY HAND, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. JOYCE ENGINEERING CORPORATION ASSUMES NO LIABILITY FOR ACCURACY OF UTILITY INFORMATION PROVIDED BY OTHERS.
NOTE: LIGHTPOLES SHOWN THUS: * ARE APPROXIMATE.

48 Hours
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Service Protection Center
MEMBER ONE CALL SYSTEMS INTERNATIONAL
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SHEET INDEX

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2 OF 14	SITE DEVELOPMENT PHASING PLAN
3 OF 14	EXISTING CONDITIONS PLAN
4 OF 14	DEMOLITION PLAN
5 OF 14	SITE GRADING AND DEVELOPMENT PLAN
6 OF 14	SEDIMENT AND EROSION CONTROL PLAN
7 OF 14	SEDIMENT AND EROSION CONTROL NOTES + DETAILS
8 OF 14	EXISTING CONDITIONS DRAINAGE AREA MAP
9 OF 14	PROPOSED CONDITIONS DRAINAGE AREA MAP
10 OF 14	STORM DRAIN, AND ON-SITE WATER PLAN
11 OF 14	STORM DRAIN, AND WATER MAIN PROFILES, NOTES, AND DETAILS
12 OF 14	LANDSCAPING PLAN
13 OF 14	SITE AND HANDICAP DETAILS AND SPECIFICATIONS
14 OF 14	LANDSCAPE DETAILS AND SPECIFICATIONS

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000

~~APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT~~
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[signature] CHIEF, DEVELOPMENT ENGINEERING DIVISION — 12/18/00 DATE
[signature] CHIEF, DIVISION OF LAND DEVELOPMENT — 12/20/00 DATE
[signature] DIRECTOR — 12/20/00 DATE

DATE	NO.	REVISION DESCRIPTION

PROJECT
HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

MAY 30, 2000
DATE
[Seal: STATE OF MARYLAND, WILLIAM A. JOYCE, REGISTERED PROFESSIONAL ENGINEER, NO. 12243]
PROFESSIONAL ENGINEER. NO. 12243

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENCUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

TITLE
EXISTING CONDITIONS PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	3 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/00
FILE: R:\DWG\99015\99015EC1.DWG

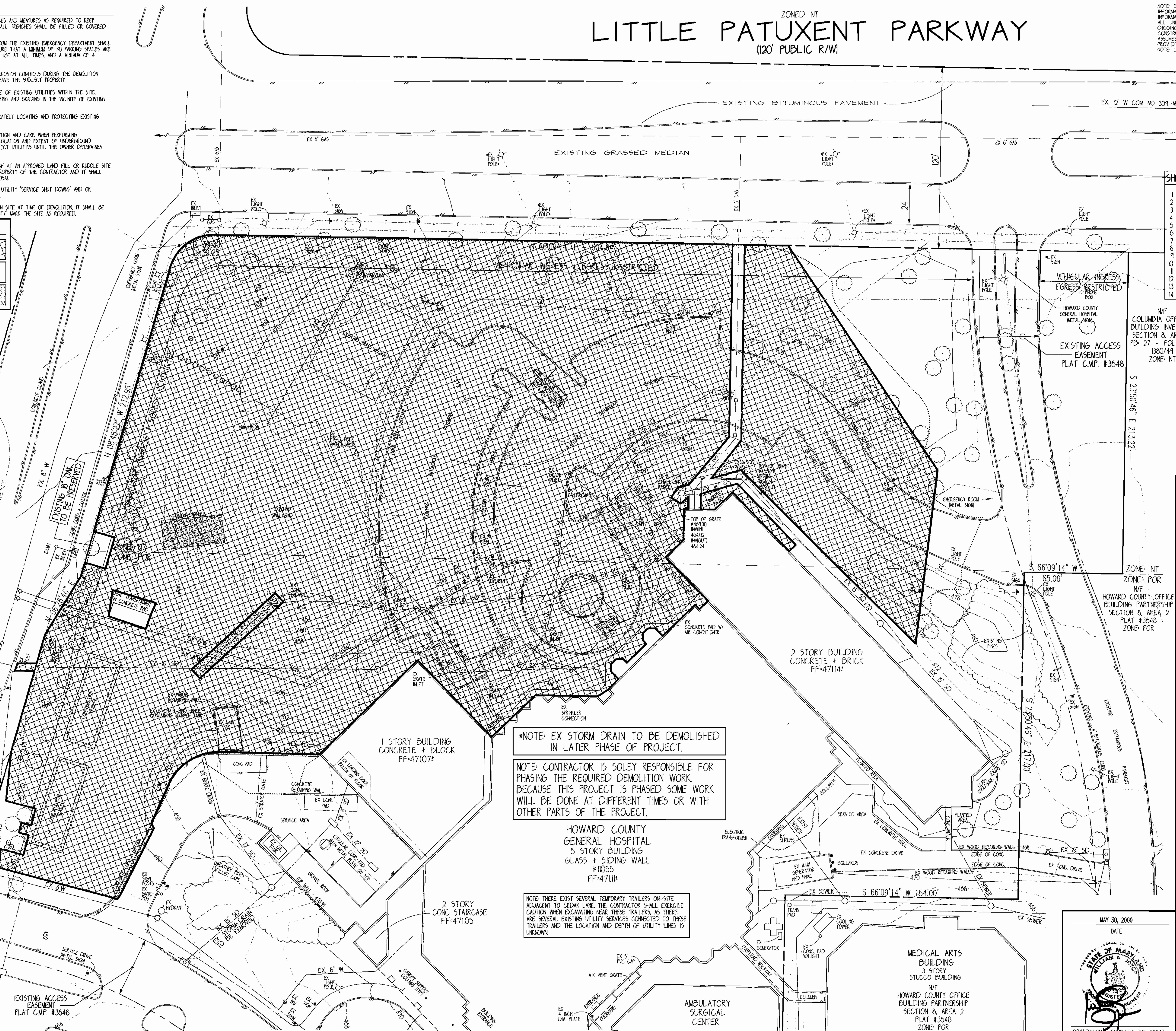
DEMOLITION NOTES:

1. THE CONTRACTOR SHALL PROVIDE SECURITY AND SAFETY FENCES AND MEASURES AS REQUIRED TO KEEP PEDESTRIANS OUTSIDE OF ANY CONSTRUCTION ACTIVITY AREA ALL TRENCHES SHALL BE FILLED OR COVERED BY STEEL PLATES AT THE END OF EACH WORKING DAY
2. VEHICULAR AND PEDESTRIAN INGRESS AND EGRESS TO AND FROM THE EXISTING EMERGENCY DEPARTMENT SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL ASSURE THAT A MINIMUM OF 40 PARKING SPACES ARE PROVIDED EXCLUSIVELY FOR THE HOSPITAL EMERGENCY ROOM USE AT ALL TIMES, AND A MINIMUM OF 4 AMBULANCE SPACES ARE ALSO PROVIDED.
3. THE CONTRACTOR SHALL PROVIDE ADEQUATE SEDIMENT AND EROSION CONTROLS DURING THE DEMOLITION PROCESS TO ASSURE THAT DUST AND SEDIMENT DOES NOT LEAVE THE SUBJECT PROPERTY.
4. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF EXISTING UTILITIES WITHIN THE SITE. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN EXCAVATING AND GRADING IN THE VICINITY OF EXISTING UTILITIES.
5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ACCURATELY LOCATING AND PROTECTING EXISTING UTILITIES.
6. THE CONTRACTOR IS ALSO RESPONSIBLE FOR EXERCISING CAUTION AND CARE WHEN PERFORMING EXCAVATION AND LAND DISTURBANCE ON-SITE. THE EXACT LOCATION AND EXTENT OF UNDERGROUND UTILITIES IS NOT KNOWN AND CARE SHALL BE TAKE TO PROTECT UTILITIES UNTIL THE OWNER DETERMINES THAT THEY CAN BE DEMOLISHED.
7. ALL DEMOLITION DEBRIS AND MATERIAL SHALL BE DISPOSED OF AT AN APPROVED LAND FILL OR RUBBLE SITE. THE MATERIAL REMOVED FROM THE SITE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY FOR PROPER DISPOSAL.
8. THE CONTRACTOR SHALL COORDINATE/CONFIRM ALL NECESSARY UTILITY "SERVICE SHUT DOWNS" AND OR TERMINATION OF SERVICE EFFECTED BY THIS DEMOLITION PLAN.
9. THERE MAY EXIST A NEW TELECOMUNICATION LINE INSTALLED ON SITE AT TIME OF DEMOLITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE "MISS UTILITY" MARK THE SITE AS REQUIRED.

DEMOLITION LEGEND

AREA OF INITIAL DEMOLITION	(cross-hatched)
AREAS TO BE PRESERVED	(blank)
PHASED DEMOLITION*	(stippled)

NORTH
PLAN SCALE: 1"=30'



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APPROVED
PLANNING BOARD of HOWARD COUNTY
DATE April 6, 2000

~~APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT~~
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[signature] CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00
[signature] CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00
[signature] DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT
HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
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TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

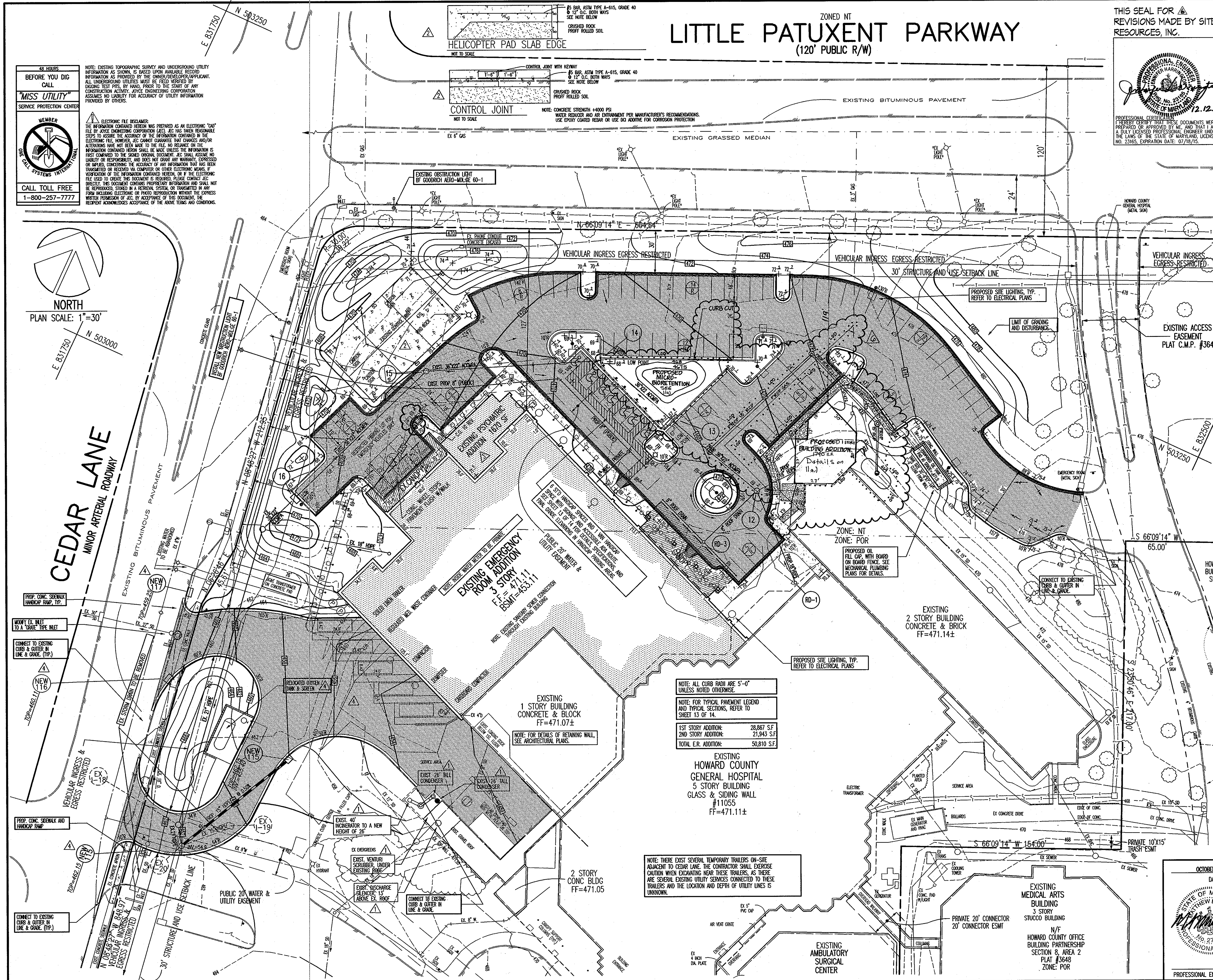
MAY 30, 2000
DATE
STATE OF MARYLAND WILLIAM A. JOYCE REGISTERED PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER. NO. 12243

PERMIT INFORMATION CHART

SUBDIVISION	SECTION/AREA		LOT/PARCEL #
TOWN CENTER	8 / 2		2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENCUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

TITLE
DEMOLITION PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	4 OF 14
CHK BY JEC	APPROVED -	



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THIS SEAL FOR ⚠6 REVISIONS MADE BY SITE RESOURCES, INC.

PROFESSIONAL ENGINEER JENNIFER HARRINGTON Reg. No. 23165 STATE OF MARYLAND 12.12.13

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE: 07/18/15.

SHEET INDEX

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PURPOSE STATEMENT

IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

[signature] 10/25/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

[signature] 11/8/06
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

[signature] 11/8/06
DIRECTOR — DATE

DATE	NO.	REVISION DESCRIPTION
10-29-13	6	BUILDING ADDITION & STORMWATER MANAGEMENT
04.03.06	4	SHOW NEW MAIN ENTRANCE AND DEDICATED LOADING DOCK ENTRANCE FOR SERVICE AND DELIVERY VEHICLES AND RELOCATED OXYGEN TANK.
02.08.06	3	ADDED 1670 SF PSYCHIATRIC ADDITION TO THE EMERGENCY ROOM.
04.03.03	2	ADDED CONCRETE PAD TO HELICOPTER LANDING AREA AND ADDED CONCRETE DETAILS.
07.01.02	1	ADDED NEW SCRUBBER, CONDENSER, QUENCHER AND DISCHARGE SILENCER NEAR EXISTING LOADING FACILITY.

PROJECT

HOWARD COUNTY GENERAL HOSPITAL

EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLAVNER

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10766 BALTIMORE AVENUE – TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650
Z 2000 JOYCE ENGINEERING CORPORATION

ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
LOT 4	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

OCTOBER 9, 2006
DATE

STATE OF MARYLAND MATTHEW E. JOYCE No. 27729 PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. 27729

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2	LOT/PARCEL #: 4/276
PLAT# OR L/F: 18628, 3648 · BLOCK #: 5 · ZONE: NT POR	TAX/ZONE MAP: 35 NT/POR · ELECT. DISTRICT: 5TH	CENSUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500	

TITLE

REVISED SITE DEVELOPMENT PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	5 OF 14
CHK BY JEC	APPROVED –	

Drawing name: R:_Land Projects_99015 - Howard County General_dwg\RedlineAPPJEC5of14Update.dwg
Plotted: Oct 17, 2006 - 1:31pm

NOTE: ON-SITE SOIL DISPOSAL MUST BE TRANSPORTED OFF-SITE TO A SITE WITH AN APPROVED SEDIMENT AND EROSION CONTROL PLAN AND ACTIVE GRADING PERMIT TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

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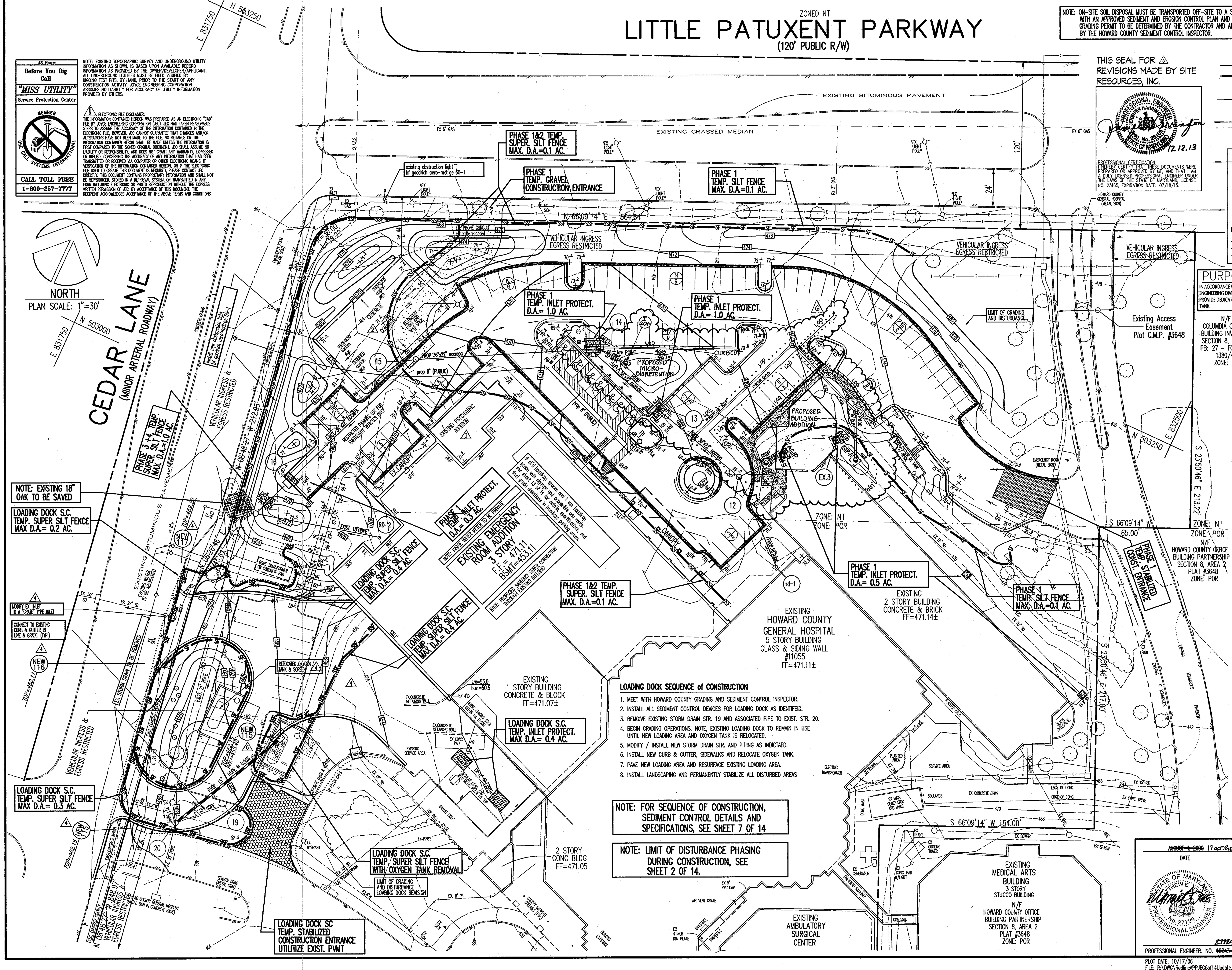

LOADING DOCK SEQUENCE of CONSTRUCTION

1. MEET WITH HOWARD COUNTY GRADING AND SEDIMENT CONTROL INSPECTOR.
2. INSTALL ALL SEDIMENT CONTROL DEVICES FOR LOADING DOCK AS IDENTIFEID.
3. REMOIVE EXISTING STORM DRAIN STR. 19 AND ASSOCIATED PIPE TO EXIST. STR. 20.
4. BEGIN GRADING OPERATIONS. NOTE, EXISTING LOADING DOCK TO REMAIN IN USE UNTIL NEW LOADING AREA AND OXYGEN TANK IS RELOCATED.
5. MODIFY / INSTALL NEW STORM DRAIN STR. AND PIPING AS INDICTAED.
6. INSTALL NEW CURB & GUTTER, SIDEWALKS AND RELOCATE OXYGEN TANK.
7. PAVE NEW LOADING AREA AND RESURFACE EXISTING LOADING AREA.
8. INSTALL LANDSCAPING AND PERMANENTLY STABILIZE ALL DISTURBED AREAS

NOTE: FOR SEQUENCE OF CONSTRUCTION, SEDIMENT CONTROL DETAILS AND SPECIFICATIONS, SEE SHEET 7 OF 14

NOTE: LIMIT OF DISTURBANCE PHASING DURING CONSTRUCTION, SEE SHEET 2 OF 14.

THIS SEAL FOR 6 REVISIONS MADE BY SITE RESOURCES, INC.

PROFESSIONAL ENGINEER JENNIFER HARRINGTON STATE OF MARYLAND Reg. No. 23165 — 12.12.13

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE: 07/18/15.

SEDIMENT CONTROL LEGEND

EXISTING CONTOURS	——— 232
PROPOSED CONTOURS	—472—
LIMIT OF DISTURBANCE	········
TEMP. INLET PROTECTION	(hatched)
TEMP. SILT FENCE	SF——SF——SF——SF
TEMP. STABILIZED CONSTRUCTION ENTRANCE	(shaded)

CONTRACTOR SHALL OBTAIN IN WRITING PERMISSION FROM THE INSPECTOR TO PROCEED AT END OF EACH SEQUENCE OF CONSTRUCTION PHASE.

SHEET INDEX

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PURPOSE STATEMENT

IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

Jim Myers 10/24/06

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

Approved John R Robertson 10/24/06 Howard S.C.D. Date

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
Robert J Weber (for) COUNTY HEALTH OFFICER — 10/27/06 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION — 10/25/06 DATE
Cindy Hamilton CHIEF, DIVISION OF LAND DEVELOPMENT — 11/8/06 DATE
Marsha McLaughlin DIRECTOR — 11/8/06 DATE

DATE	NO.	REVISION DESCRIPTION
10-29-13	6	BUILDING ADDITION & STORMWATER MANAGEMENT
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PROJECT

HOWARD COUNTY GENERAL HOSPITAL

EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
LOT 4	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

~~AUGUST 4, 2000~~ 17 OCT. 2006
DATE

STATE OF MARYLAND MATTHEW E. ... No. 27729 PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER. NO. ~~12243~~ 27729

PERMIT INFORMATION CHART

SUBDIVISION	SECTION/AREA		LOT/PARCEL #
TOWN CENTER	8 / 2		2/276
PLAT# OR L/F: 18628	TAX/ZONE MAP: 35 NT/POR	ELECT. DISTRICT: 5TH	CENSUS TRACT: 6053.02
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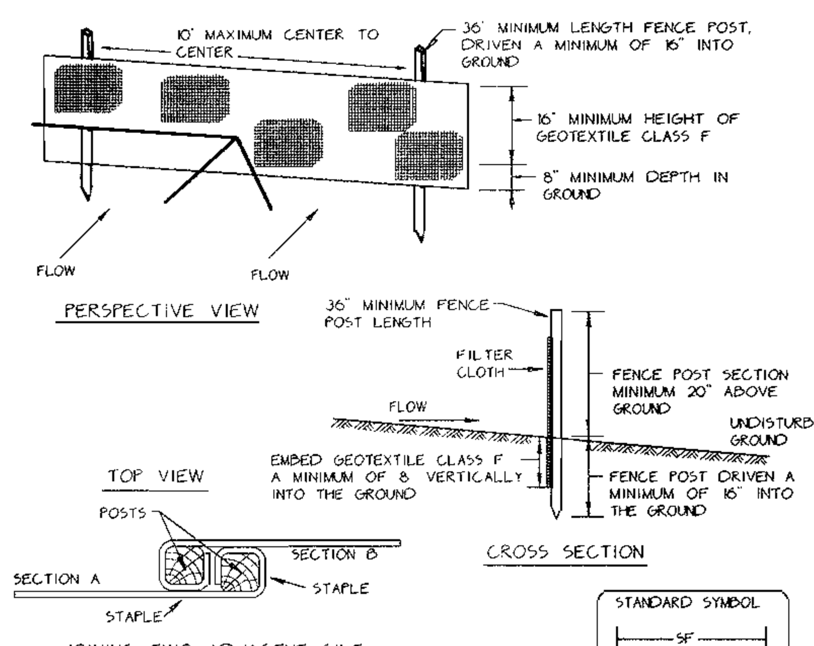
TITLE

SEDIMENT AND EROSION CONTROL PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	6 OF 14
CHK BY JEC	APPROVED –	

PLOT DATE: 10/17/06
FILE: R:\DWG\RedlineAPPJEC6of14Update.DWG

DETAIL 22 - SILT FENCE



CONSTRUCTION SPECIFICATIONS

1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" X 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHTING NOT LESS THAN 100 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
TENSILE MODULUS	20 LBS/IN (MIN)	TEST: MSMT 509
FLOW RATE	0.3 GAL/FT / MINUTE (MAX)	TEST: MSMT 322
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.

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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 FEET	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 REQUIRED.

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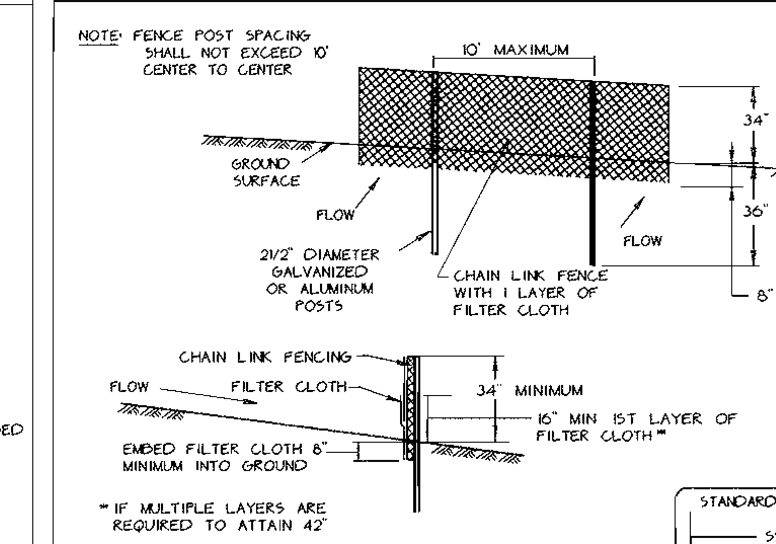
DETAIL 33 - SUPER SILT FENCE



CONSTRUCTION SPECIFICATIONS

1. FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHWAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 6' FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6' LENGTH POSTS.

2. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TRUSS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.

3. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.

4. FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 8" INTO THE GROUND.

5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.

6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE, OR WHEN SILT REACHES 50% OF FENCE HEIGHT.

7. FILTER CLOTH 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
TENSILE MODULUS	20 LBS/IN (MIN)	TEST: MSMT 509
FLOW RATE	0.3 GAL/FT /MINUTE (MAX)	TEST: MSMT 322
FILTERING EFFICIENCY	75% (MIN)	TEST: MSMT 322

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SUPER SILT FENCE

DESIGN CRITERIA

SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM)	SILT FENCE LENGTH (MAXIMUM)
0 - 10%	0 - 10:1	UNLIMITED	UNLIMITED
10 - 20%	10:1 - 5:1	200 FEET	1,500 FEET
20 - 33%	5:1 - 3:1	100 FEET	1,000 FEET
33 - 50%	3:1 - 2:1	100 FEET	500 FEET
50% +	2:1 +	50 FEET	250 FEET

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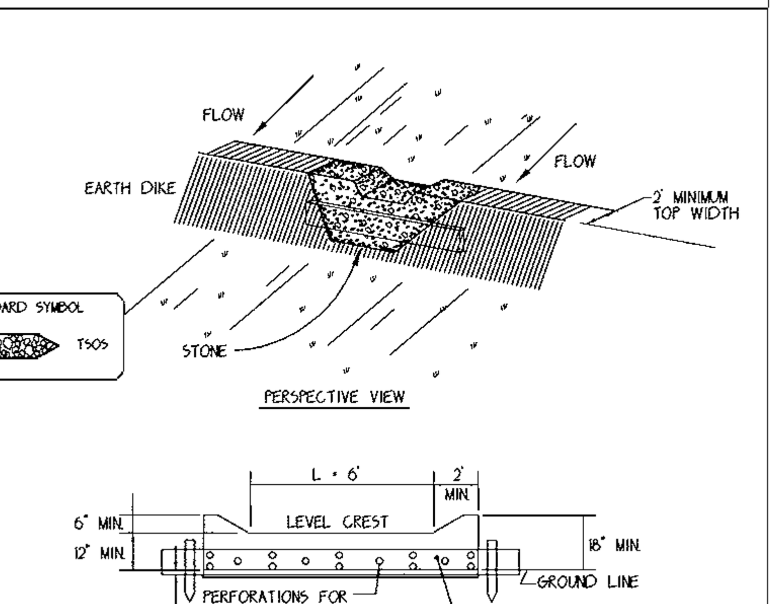
DETAIL 19 - STONE OUTLET STRUCTURE



CONSTRUCTION SPECIFICATIONS

1. CRUSHED STONE SHALL BE USED. GRAVEL MAY BE USED IF CRUSHED STONE IS NOT AVAILABLE. THE STONE SHALL BE 2"-3" IN SIZE.
2. THE CREST OF THE STONE DIKE SHALL BE AT LEAST SIX INCHES LOWER THAN THE LOWEST ELEVATION OF THE TOP OF THE EARTH DIKE AND SHALL BE LEVEL.
3. THE STONE OUTLET STRUCTURE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR INCHES.
4. THE MINIMUM LENGTH OF THE CREST OF THE STONE OUTLET STRUCTURE SHALL BE SIX FEET.
5. THE STONE OUTLET STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN. STONE SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AND PONDING RESULTS.
6. THE BAFFLE BOARD SHALL BE EXTENDED ONE FOOT INTO THE DIKE, STAKED AND EMBEDDED 4 INCHES INTO EXISTING GROUND.
7. THE DRAINAGE AREA TO THIS STRUCTURE SHALL BE LESS THAN 1/2 ACRE.

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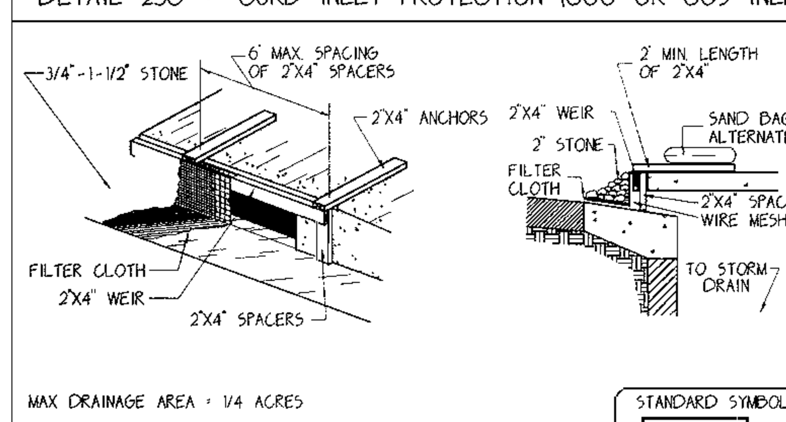
DETAIL 23C - CURB INLET PROTECTION (COG OR COS INLETS)



MAX DRAINAGE AREA = 1/4 ACRES

STANDARD SYMBOL — CIP

CONSTRUCTION SPECIFICATIONS

1. ATTACH A CONTINUOUS PIECE OF WIRE MESH (30" MIN. WIDTH BY THROAT LENGTH PLUS 4') TO THE 2"X4" WEIR (MEASURING THROAT LENGTH PLUS 2') AS SHOWN ON STANDARD DRAWING.
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"X4" WEIR.
3. SECURELY NAIL THE 2"X4" WEIR TO A 9" LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND INLET FACE (MAX. 4' APART).
4. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MINIMUM 2' LENGTHS OF 2"X4" TO THE TOP OF THE WEIR AT SPACER LOCATIONS). THESE 2"X4" 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 BOTH ENDS OF THE THROAT OPENING.
6. FORM THE 1/2"X1/2" WIRE MESH AND GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4"X1-1/2" STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS 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 INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT FLOW TO THE INLET.

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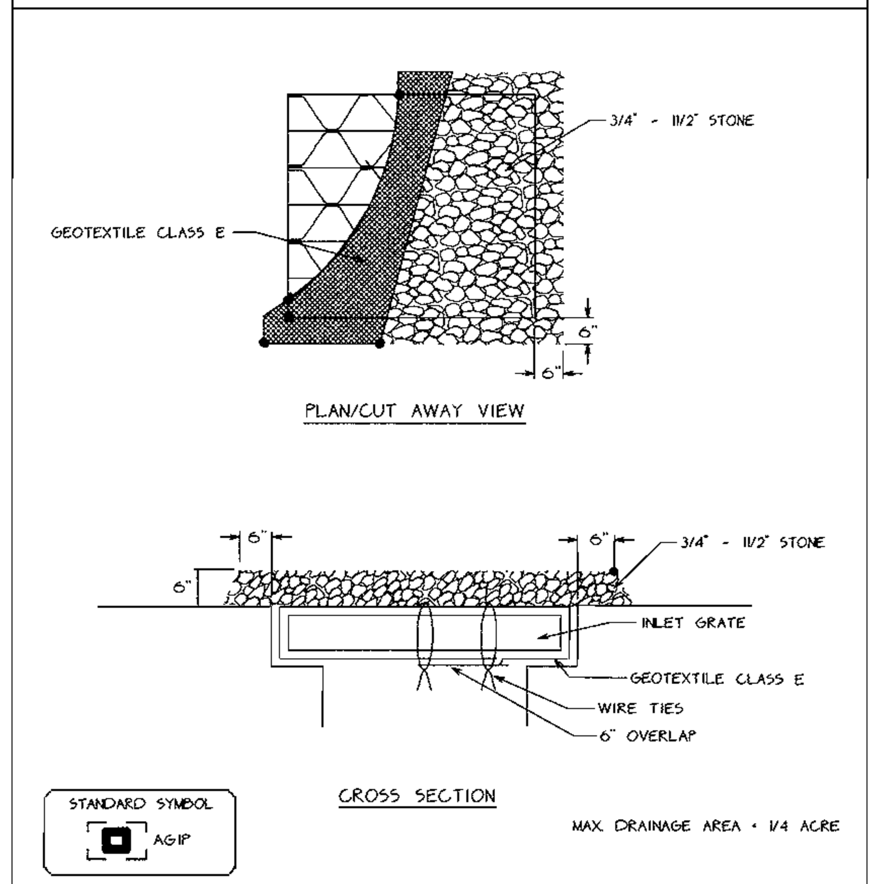
DETAIL 23B - AT GRADE INLET PROTECTION



MAX. DRAINAGE AREA = 1/4 ACRE

CONSTRUCTION SPECIFICATIONS

1. LIFT GRATE AND WRAP WITH GEOTEXTILE CLASS E TO COMPLETELY COVER ALL OPENINGS, THEN SET GRATE BACK IN PLACE.

2. PLACE 3/4" TO 1 1/2" STONE, 4"-6" THICK ON THE GRATE TO SECURE THE FABRIC AND PROVIDE ADDITIONAL FILTRATION.

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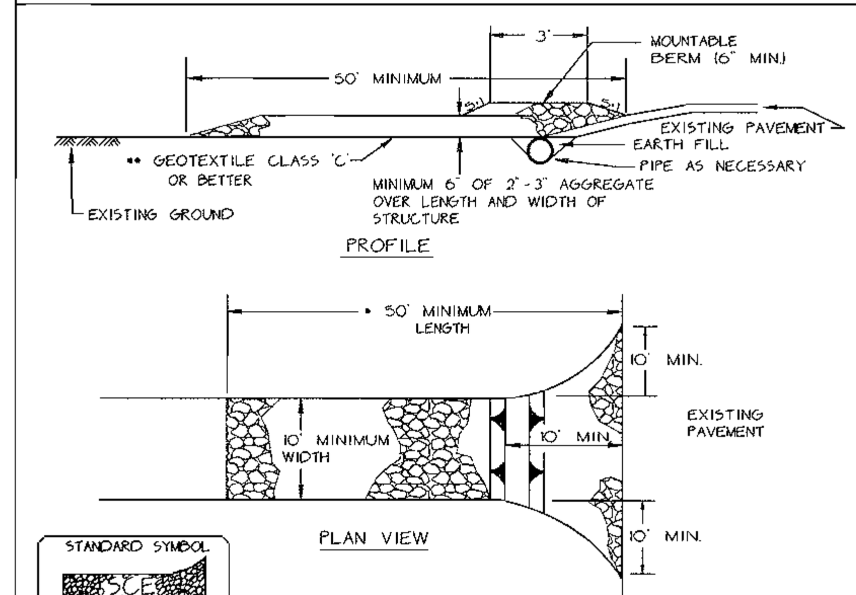
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATION

1. LENGTH - MINIMUM OF 50' (*30' FOR SINGLE RESIDENCE LOT)

2. WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.

3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. **THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.

4. STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.

5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.

6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

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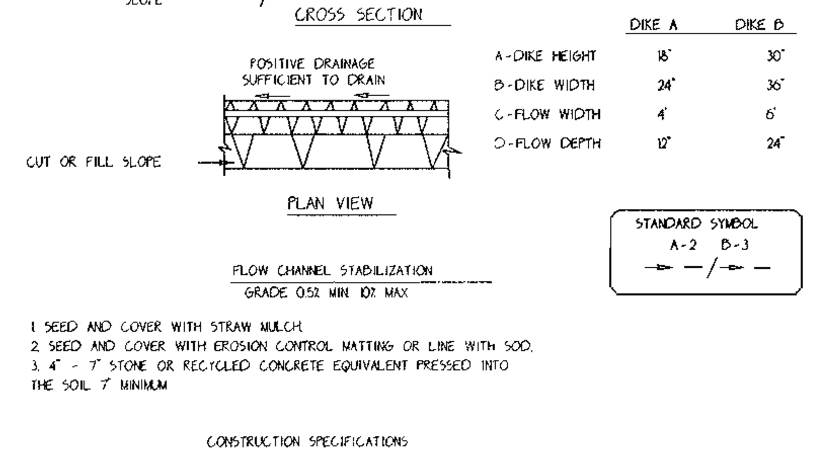
DETAIL 1 - EARTH DIKE



	DIKE A	DIKE B
A-DIKE HEIGHT	18"	30"
B-DIKE WIDTH	24"	36"
C-FLOW WIDTH	4'	6'
D-FLOW DEPTH	12"	24"

FLOW CHANNEL STABILIZATION
GRADE 0.5% MIN 10% MAX

1. SEED AND COVER WITH STRAW MULCH.
2. SEED AND COVER WITH EROSION CONTROL MATTING OR LINE WITH SOD.
3. 4" - 7" STONE OR RECYCLED CONCRETE EQUIVALENT PRESSED INTO THE SOIL 7" MINIMUM

CONSTRUCTION SPECIFICATIONS

1. ALL TEMPORARY EARTH DIKES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET. SPOT ELEVATIONS MAY BE NECESSARY FOR GRADES LESS THAN 1%.

2. RUNOFF DIVERTED FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.

3. RUNOFF DIVERTED FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED, STABILIZED AREA AT A NON-EROSIVE VELOCITY.

4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONAL MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE DIKE.

5. THE DIKE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.

6. FILL SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.

7. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DIKE.

8. INSPECTION AND MAINTENANCE MUST BE PROVIDED PERIODICALLY AND AFTER EACH RAIN EVENT.

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SEQUENCE OF CONSTRUCTION:

1.	OBTAIN GRADING PERMIT	
2.	NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410-313-1880) AT LEAST 24 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.	
3.	CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE TO LITTLE PATUXENT PARKWAY, + TEMPORARY CONSTRUCTION ENTRANCE AT EXISTING EMERGENCY DEPARTMENT ENTRANCE ROADWAY	3 DAYS
4.	INSTALL TEMPORARY SEDIMENT CONTROLS AS SHOWN, EXCEPT THE SUPER SILT FENCE ALONG THE NORTH SIDE OF THE PROPOSED EMERGENCY DEPARTMENT ADDITION AND THE INLET PROTECTION REQUIRED FOR PROPOSED STORM DRAIN STRUCTURES.	2 DAYS
5.	BEGIN INSTALLATION OF NEW OXYGEN TANKS, PAD AND WALLS.	3 WEEKS
6.	CONSTRUCT STORM DRAIN AND PAVING AS REQUIRED FOR "PHASE I" PAVING.	2 WEEKS
7.	INSTALL INLET BLOCKING FOR NEW STORM DRAIN STRUCTURES AND BEGIN "PHASE II" STORM DRAIN + PAVING.	3 WEEKS
8.	INSTALL INLET BLOCKING FOR NEW STORM DRAIN STRUCTURES AND BEGIN "PHASE III" STORM DRAIN + PAVING.	3 WEEKS
9.	INSTALL SUPER SILT FENCE ALONG THE NORTH SIDE OF THE PROPOSED EMERGENCY DEPARTMENT ADDITION AND BEGIN BUILDING PAD GRADING AND START BUILDING ADDITION CONSTRUCTION. FILL IN EX SWM POND WITH MATERIAL FROM BUILDING EXCAVATION.	100 WEEKS
10.	INSTALL THE BALANCE OF REQUIRED SITE UTILITIES.	2 WEEKS
11.	INSTALL BALANCE OF CURB AND BASE PAVING.	3 WEEKS
12.	INSTALL LIGHT FIXTURES AND SURFACE PAVE SITE.	1 WEEK
13.	INSTALL LANDSCAPING AND SEED AND MULCH ALL REMAINING DISTURBED AREAS.	2 WEEKS
14.	DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE ALL NECESSARY MAINTENANCE ON THE SEDIMENT + EROSION CONTROL FACILITIES SHOWN HEREON.	
15.	FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN:	
A.	7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.	
B.	14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS.	
C.	UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL DEVICES.	

NOTE: CONTRACTOR SHALL OBTAIN PERMISSION IN WRITING FROM THE INSPECTOR PRIOR TO BEGINNING EACH PHASE OF CONSTRUCTION.

HOWARD CO. SEDIMENT CONTROL GENERAL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (410-992-2437).

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 "1983 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:

   A. SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3%.

   B. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME, 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 "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDINGS (SECTION 51), SOD (SECTION 54), TEMPORARY SEEDING (SECTION 50), AND MULCHING (SECTION 52). TEMPORARY STABILIZATION WITH MULCH ALONE 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.

7. SITE ANALYSIS:

   TOTAL AREA OF SITE: 19.606 AC.
   AREA DISTURBED: 3.45 AC.
   AREA TO ROOFED OR PAVED: 2.04 AC.
   AREA TO BE VEGETATIVELY STABILIZED: 1.41 AC.
   TOTAL CUT: 35,000 C.Y.
   TOTAL FILL: 5,000 C.Y.
   OFF-SITE WASTE/BORROW AREA LOCATION TO BE DETERMINED BY CONTRACTOR AND SEDIMENT CONTROL INSPECTOR, AND MUST BE TRANSPORTED TO A SITE WITH AN ACTIVE GRADING PERMIT.

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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW 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 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.

DUST CONTROL SPECIFICATIONS

TEMPORARY METHODS

A. MULCHES - SEE STANDARDS OR CRITICAL AREA STABILIZATION WITH MULCHES ONLY. CHEMICAL OR WOOD CELLULOSE FIBER BINDERS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL.

B. VEGETATIVE COVER - SEE STANDARDS FOR VEGETATIVE COVER.

C. SPRAY-ON ADHESIVES - ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

WATER
DILUTION

ANIONIC ASPHALT EMULSION

LATEX EMULSION

RESIN-IN-WATER EMULSION

D. TILLAGE - ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN BLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

E. IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCE TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED.

F. BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTAIN CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.

G. CALCIUM CHLORIDE - APPLY AT A RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RE-TREATMENT.

PERMANENT METHODS:

A. PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

B. TOP SOILING - COVERING WITH LESS EROSIVE SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.

C. STONE - COVER SURFACE WITH CRUSHED STONE OR COURSE GRAVEL.

SHEET INDEX

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9 OF 14	PROPOSED CONDITIONS DRAINAGE AREA MAP
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12 OF 14	LANDSCAPING PLAN
13 OF 14	SITE AND HANDICAP DETAILS AND SPECIFICATIONS
14 OF 14	LANDSCAPE DETAILS AND SPECIFICATIONS

APPROVED
PLANNING BOARD of HOWARD COUNTY
DATE April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00
CHIEF, DIVISION OF LAND DEVELOPMENT ~~& RESEARCH~~ — DATE 10/20/00
DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

PERMIT INFORMATION CHART

SUBDIVISION TOWN CENTER	SECTION/AREA 8 / 2		LOT/PARCEL # 2/276
PLAT# OR L/F 3648	TAX/ZONE MAP 35	ELECT. DISTRICT 5TH	CENSUS TRACT 6053.02
WATER CODE 106	SEWER CODE 5522500		

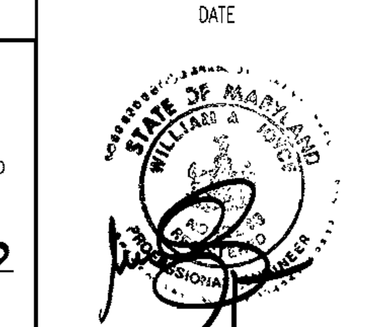
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL
J.G. Cornfield /cs 10/10/00
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE — DATE

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: 10/10/00
HOWARD SOIL CONSERVATION DISTRICT — DATE
PLAN NUMBER:

DEVELOPERS CERTIFICATE:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANT RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I SHALL ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL DEVICES.
I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.
SIGNATURE OF ENGINEER — 05.30.2000 DATE
PRINT NAME BELOW SIGNATURE
CHARLES M MILLER

ENGINEERS CERTIFICATE:
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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE/SHE MUST ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL DEVICES.
SIGNATURE OF ENGINEER — 05.30.2000 DATE
PRINT NAME BELOW SIGNATURE
WILLIAM A. JOYCE

MAY 30, 2000
DATE



PROFESSIONAL ENGINEER. NO. 12243

TITLE
SEDIMENT AND EROSION CONTROL NOTES AND DETAILS

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	7 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/00
FILE: R:\DWG\99015\99015SC2.DWG

SDP-00-72

48 Hours
Before You Dig Call
"MISS UTILITY"
Service Protection Center
MEMBER ONE CALL SYSTEMS INTERNATIONAL
CALL TOLL FREE
1-800-257-7777

NOTE: EXISTING TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY INFORMATION AS SHOWN, IS BASED UPON AVAILABLE RECORD INFORMATION AS PROVIDED BY THE OWNER/DEVELOPER/APPLICANT. ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY DIGGING TEST PITS, BY HAND, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. JOYCE ENGINEERING CORPORATION ASSUMES NO LIABILITY FOR ACCURACY OF UTILITY INFORMATION PROVIDED BY OTHERS.

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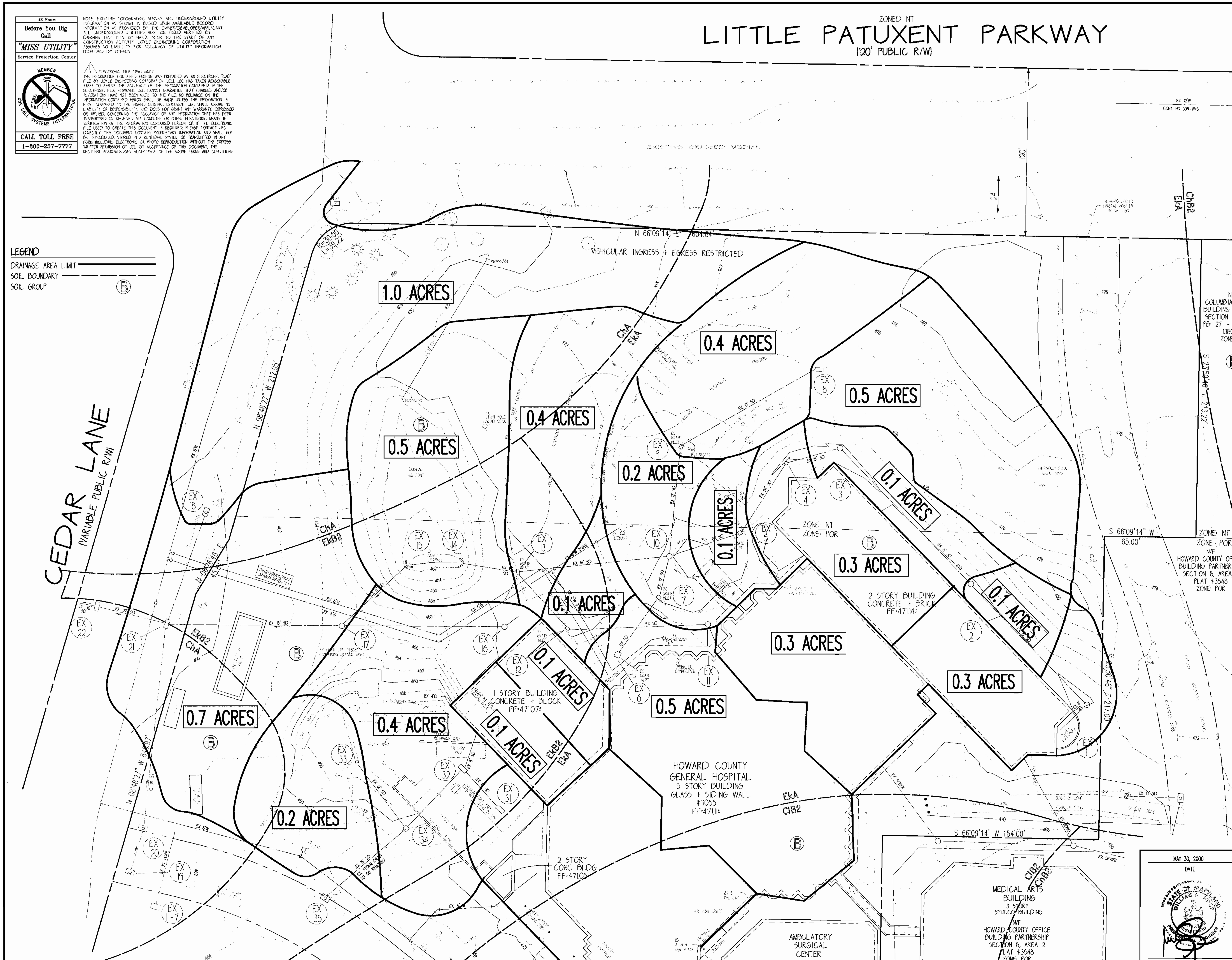
LEGEND
DRAINAGE AREA LIMIT
SOIL BOUNDARY
SOIL GROUP (B)



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14 OF 14 LANDSCAPE DETAILS AND SPECIFICATIONS

APPROVED
PLANNING BOARD of HOWARD COUNTY
DATE April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00
DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT
HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENCUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

MAY 30, 2000
DATE
STATE OF MARYLAND — WILLIAM A. JOYCE — REGISTERED PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER. NO. 12243

TITLE
EXISTING CONDITIONS DRAINAGE AREA MAP

DES BY MEJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	8 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/2000
FILE: R:\DWG\99015\99015DAM.DWG

SDP-00-72

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ZONED NT

LITTLE PATUXENT PARKWAY

(120' PUBLIC R/W)

EX. 12"W CONT. NO 309-W-15

SAM LINE ON MOT W. P. 23

120'

24'

NORTH
PLAN SCALE: 1"=30'

N 66°09'14" E 604.64

VEHICULAR INGRESS & EGRESS RESTRICTED

CEDAR LANE
(VARIABLE PUBLIC R/W)

N 08°48'27" W 212.95'

N 08°26'46" E 45.91'

N 08°48'27" W 848.97'

R=34.00'
L=39.22'

D.A. NO 14
0.5 ACRES
"C" = 0.67
% IMP = 72%

D.A. NO. 16
0.3 ACRES
"C" = 0.55
% IMP = 52%

D.A. NO. 13
1.0 ACRES
"C" = 0.63
% IMP = 68%

D.A. EX. 3
0.5 ACRES
"C" = 0.41
% IMP = 0.38%

D.A. RD-2
0.6 ACRES
"C" = 0.85
% IMP = 100%

D.A. NO. 11
0.3 ACRES
"C" = 0.57
% IMP = 61%

D.A. NO. 19
0.3 ACRES
"C" = 0.79
% IMP = 92%

D.A. RD-1
0.8 ACRES
"C" = 0.85
% IMP = 100%

PROPOSED EMERGENCY ROOM ADDITION
3 STORY
F.F.= 471.11
B.S.M.T.=453.11

NOTE: PROPOSED SANITARY SEWER CONNECTION THROUGH EXISTING BUILDING

I STORY BUILDING
CONCRETE + BLOCK
FF=471.07±

HOWARD COUNTY
GENERAL HOSPITAL
5 STORY BUILDING
GLASS + SIDING WALL
#11055
FF=471.11±

2 STORY
CONC BLDG
FF=471.05

2 STORY BUILDING
CONCRETE + BRICK
FF=471.14±

AMBULATORY
SURGICAL
CENTER

MEDICAL ARTS
BUILDING
3 STORY
STUCCO BUILDING

N/F
HOWARD COUNTY OFFICE
BUILDING PARTNERSHIP
SECTION 8, AREA 2
PLAT #3648
ZONE: POR

ZONE: NT
ZONE: POR

S 66°09'14" W
65.00'

S 23°50'46" E 217.00'

S 66°09'14" W 154.00'

N/F
COLUMBIA OFFICE
BUILDING INVESTORS
SECTION 8, AREA 3
PB 27 - FOLIO 49
1380/49
ZONE: NT

S 23°50'46" E 213.22'

LOW POINT

36" X 22" ACCMPA

CONNECT TO EX. STORM DRAIN @ 1041
EX INV = 453.98 @ STA 0+53.87

EX STORM DRAIN TO BE REMOVED

EX 8" SD

EX 6"W

EX 12" SEWER

EX 8" W

EX 6" SD

EX 5'-50

21" HDPE

8" HDPE

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APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE APRIL 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/24/00

DIRECTOR — DATE 10/26/00

DATE	NO.	REVISION DESCRIPTION

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

PERMIT INFORMATION CHART

SUBDIVISION NAME: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENSUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

MAY 30, 2000
DATE

STATE OF MARYLAND — WILLIAM A. THOMAS JR. — No. 12243 — REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER, NO. 12243

TITLE

DEVELOPED CONDITIONS DRAINAGE AREA MAP

DES BY MEJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	9 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/2000
FILE: R:\DWG\99015\990150AM.DWG

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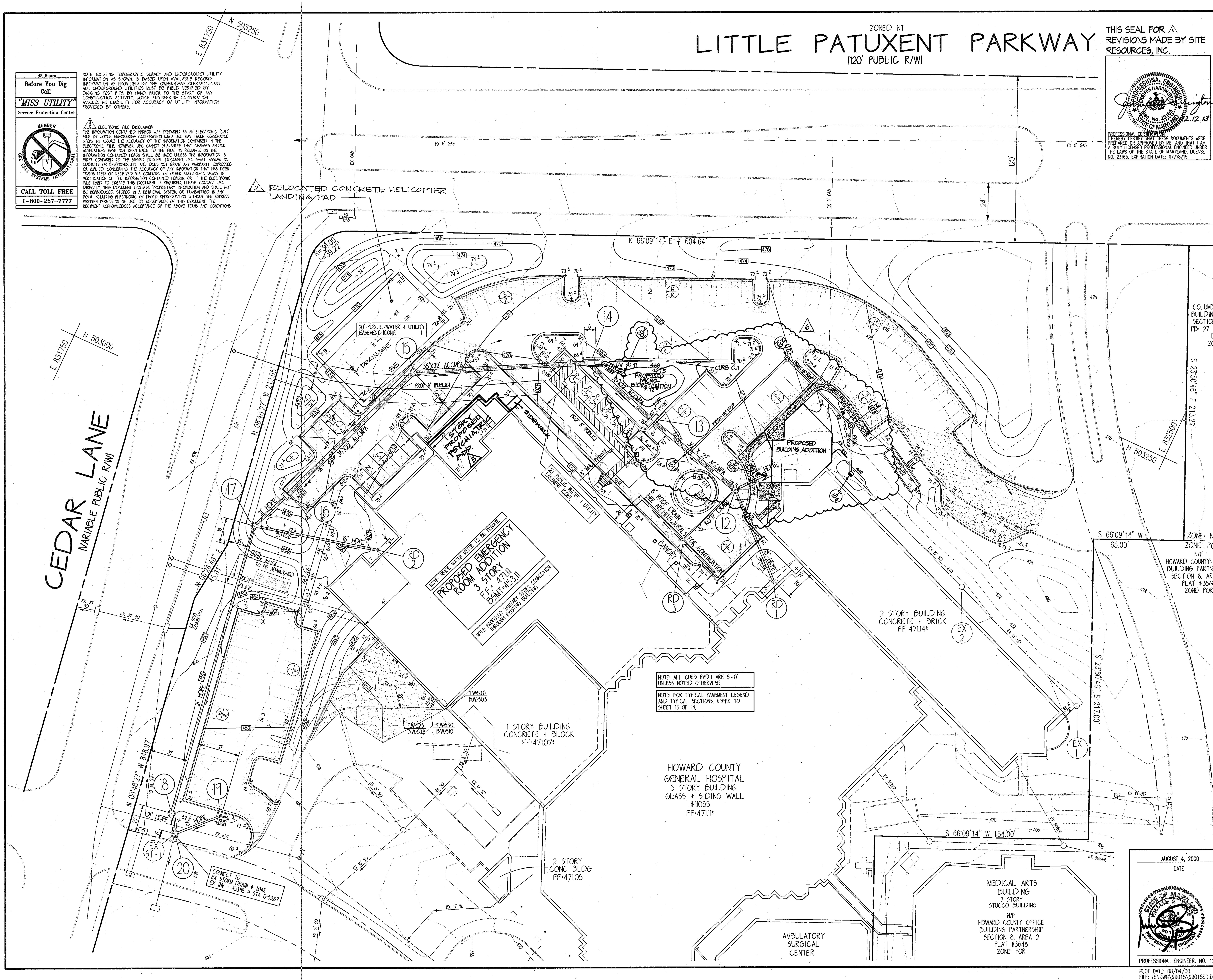

THIS SEAL FOR ⚠6 REVISIONS MADE BY SITE RESOURCES, INC.

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE: 07/18/15.
2.12.13

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APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000

~~APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT~~
~~COUNTY HEALTH OFFICER — DATE~~

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00
DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION
10-29-13	6	BUILDING ADDITION & STORMWATER MANAGEMENT
7/3/06	3	ADD NEW 1670 SF PSYCHIATRIC ADDITION AND SIDEWALK.
5/2/03	2	SHOW RELOCATED CONCRETE HELICOPTER LANDING PAD

PROJECT
HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

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10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS

AUGUST 4, 2000
DATE
PROFESSIONAL ENGINEER. NO. 12243

PERMIT INFORMATION CHART

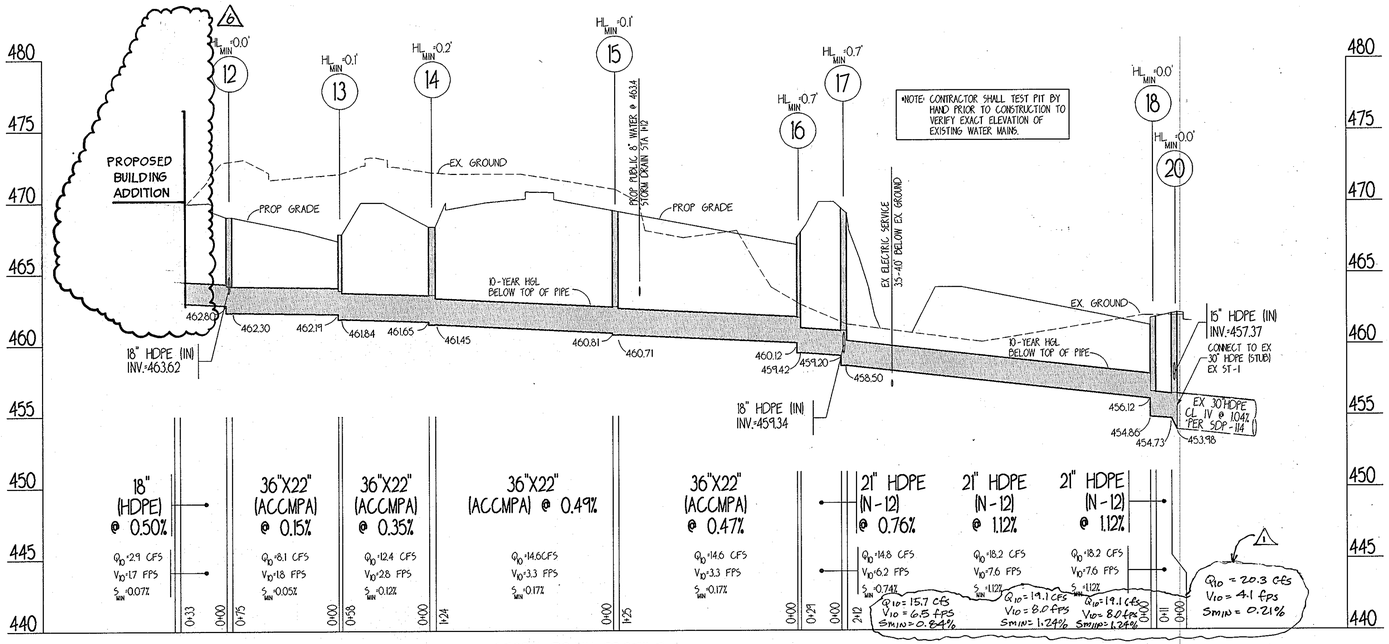
SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENCUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

TITLE
STORM DRAIN PLAN

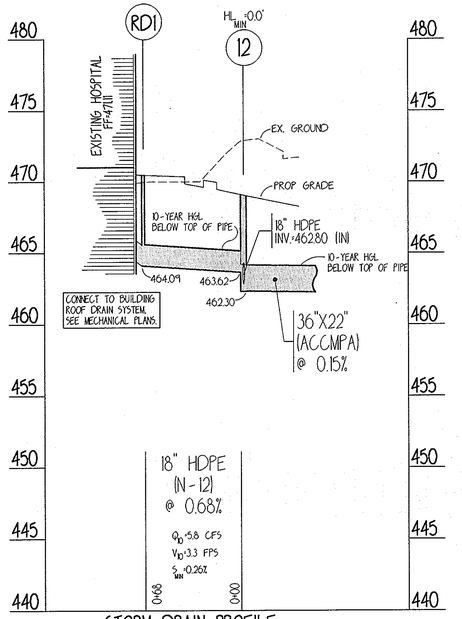
DES BY MEJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	10 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 08/04/00
FILE: R:\DWG\99015\99015SD.DWG

SDP-00-72



STORM DRAIN PROFILE
SCALE: HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



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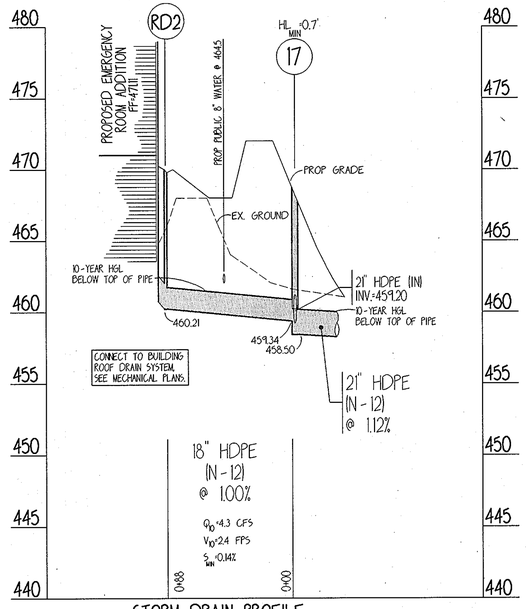

STORM DRAIN PROFILE
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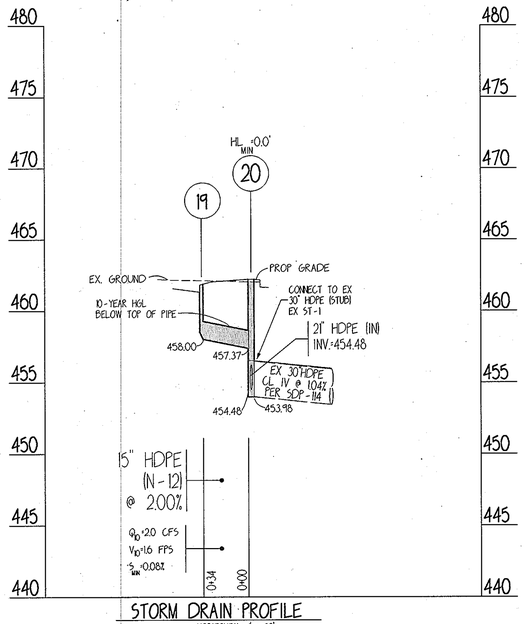
VERTICAL: 1" = 5'



STORM DRAIN PROFILE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

PIPE SCHEDULE (PRIVATE)						AS-BUILT	
BONDED / INSPECTED BY	FROM	TO	SIZE	TYPE	LENGTH	SIZE	LENGTH
PRIVATE	11	12	36"X22"	ASPHALT COATED CORRUGATED METAL PIPE - ARCH	33'		
	RD1	12	18"	HIGH DENSITY POLYETHYLENE N-12	68'		
	12	13	36"X22"	ACCMPA	75'		
	13	14	36"X22"	ACCMPA	58'		
	14	15	36"X22"	ACCMPA	124'		
	15	16	36"X22"	ACCMPA	125'		
	RD2	16	18"	HDPE N-12	88'		
	16	17	21"	HDPE N-12	29'		
	17	18	21"	HDPE N-12	212'		
	18	20	21"	HDPE N-12	11'		
	19	20	15"	HDPE N-12	34'		

PIPE SUMMARY (PRIVATE)			AS-BUILT	
SIZE	TYPE	LENGTH	SIZE	LENGTH
15"	HIGH DENSITY POLYETHYLENE PIPE N-12	34'		
18"	HDPE N-12	156'		
21"	HDPE N-12	252'		
36"X22"	ASPHALT COATED CORRUGATED METAL PIPE - ARCH	415'		
	TOTAL	857'		

6

STRUCTURE SCHEDULE (PRIVATE)							AS-BUILT			
BONDED / INSPECTED BY	NO.	TYPE	WIDTH DIAM.	TOP ELEV.	INV. ELEV.	STANDARD DETAIL	WIDTH DIAM.	TOP ELEV. UPPER	TOP ELEV. LOWER	INV. ELEV.
PRIVATE	~~11~~	~~YARD INLET~~	~~2.5'~~	~~469.9~~	~~462.77~~	~~HOWARD CO. DPW SD 411~~				
	12	TYPE "A" PRECAST MH	4.0'	469.0	462.30	HOWARD CO. DPW G 5.13				
	13	TYPE "A-10" INLET	2.5'	467.8	461.84	HOWARD CO. DPW SD 4.41				
	14	TYPE "A-10" INLET	3.5'	468.3	461.45	HOWARD CO. DPW SD 4.40				
	15	TYPE "A" PRECAST MH	4.0'	469.6	460.71	HOWARD CO. DPW G 5.13				
	16	TYPE "A-5" INLET	2.5'	467.5	459.42	HOWARD CO. DPW SD 4.40				
	17	TYPE "A" PRECAST MH	4.0'	469.2	458.50	HOWARD CO. DPW G 5.13				
	18	TYPE "A" PRECAST MH	4.0'	461.8	454.86	HOWARD CO. DPW G 5.13				
	19	TYPE "A-5" INLET	2.5'	461.9	458.00	HOWARD CO. DPW SD 4.40				
	20	TYPE "A" PRECAST MH	4.0'	462.2	453.98	HOWARD CO. DPW G 5.13				

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APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE: April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00

DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION
10-29-13	6	BUILDING ADDITION & STORMWATER MANAGEMENT
5/2/03	1	SHOW RELOCATED CONCRETE HELICOPTER LANDING PAD

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

THIS SEAL FOR ⚠1 REVISIONS MADE BY SITE RESOURCES, INC.

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
- LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

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PROFESSIONAL ENGINEER — REGISTERED — JOYCE ENGINEERING CORPORATION — No. 23165 — STATE OF MARYLAND — 12.12.13

PROFESSIONAL CERTIFICATION.
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23165, EXPIRATION DATE: 07/10/15.

MAY 30, 2000
DATE

STATE OF MARYLAND — WILLIAM A. TOCCE — No. 12243 — PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER, NO. 12243

ADDRESS CHART

LOT/PARCEL	STREET ADDRESS

PERMIT INFORMATION CHART

SUBDIVISION: HCGH	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENSUS TRACT: 6065.02
WATER CODE: 106	SEWER CODE: 5522500		

TITLE

STORM DRAIN PROFILES

DES BY MEJ	SCALE 1"=50'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	11 OF 14
CHK BY JEC	APPROVED -	

SDP-00-72

48 Hours
Before You Dig Call
"MISS UTILITY"
Service Protection Center
MEMBER ONE CALL SYSTEMS INTERNATIONAL
CALL TOLL FREE 1-800-257-7777

NOTE: EXISTING TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY INFORMATION AS SHOWN, IS BASED UPON AVAILABLE RECORD INFORMATION AS PROVIDED BY THE OWNER/DEVELOPER/APPLICANT. ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY DIGGING TEST PITS, BY HAND, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. JOYCE ENGINEERING CORPORATION ASSUMES NO LIABILITY FOR ACCURACY OF UTILITY INFORMATION PROVIDED BY OTHERS.

⚠ ELECTRONIC FILE DISCLAIMER:
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PLOT DATE: 05/30/00
FILE: R:\DWG\99015\99015SD2

48 Hours
Before You Dig Call
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Service Protection Center
MEMBER ONE CALL SYSTEMS INTERNATIONAL
CALL TOLL FREE
1-800-257-7777

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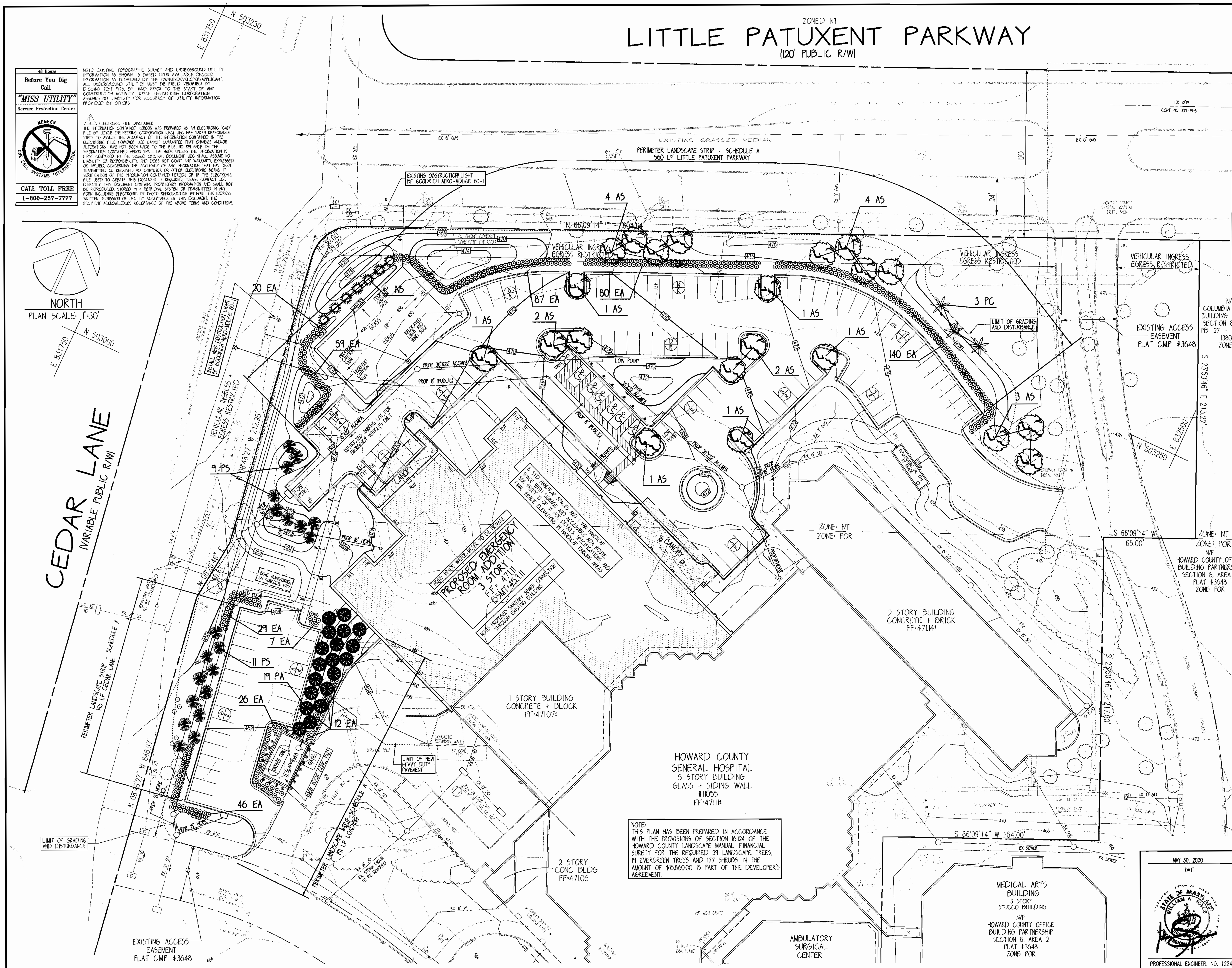

NOTE:
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 29 LANDSCAPE TREES, 19 EVERGREEN TREES AND 177 SHRUBS IN THE AMOUNT OF $16,860.00 IS PART OF THE DEVELOPER'S AGREEMENT.

GENERAL LANDSCAPING NOTES:

1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

2. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF $16,860

3. THE OWNER, TENANT, AND AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIAL SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE HEREBY CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME ____________ 10/20/2K DATE

SHEET INDEX

1 OF 14	COVER SHEET
2 OF 14	SITE DEVELOPMENT PHASING PLAN
3 OF 14	EXISTING CONDITIONS PLAN
4 OF 14	DEMOLITION PLAN
5 OF 14	SITE GRADING AND DEVELOPMENT PLAN
6 OF 14	SEDIMENT AND EROSION CONTROL PLAN
7 OF 14	SEDIMENT AND EROSION CONTROL NOTES + DETAILS
8 OF 14	EXISTING CONDITIONS DRAINAGE AREA MAP
9 OF 14	PROPOSED CONDITIONS DRAINAGE AREA MAP
10 OF 14	STORM DRAIN, AND ON-SITE WATER PLAN
11 OF 14	STORM DRAIN, AND WATER MAIN PROFILES, NOTES, AND DETAILS
12 OF 14	LANDSCAPING PLAN
13 OF 14	SITE AND HANDICAP DETAILS AND SPECIFICATIONS
14 OF 14	LANDSCAPE DETAILS AND SPECIFICATIONS

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER ____ DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION ____ DATE 10/18/00

CHIEF, DIVISION OF LAND DEVELOPMENT ____ DATE 10/20/00

DIRECTOR ____ DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT

HOWARD COUNTY GENERAL HOSPITAL

EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLAVNER

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENCUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

MAY 30, 2000
DATE

STATE OF MARYLAND WILLIAM A. JOYCE REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. 12243

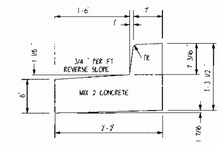
TITLE

LANDSCAPE PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	12 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 05/30/00
FILE: R:\DWG\99015\99015SP1.DWG

SDP-00-72

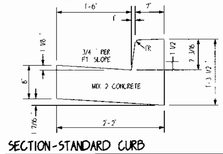


SEE SITE GRADING PLAN FOR LOCATION OF REVERSE SLOPE CONC. CURB + GUTTER

SECTION-REVERSE CURB

SHOWN THUS:

NOT TO SCALE



SECTION-STANDARD CURB

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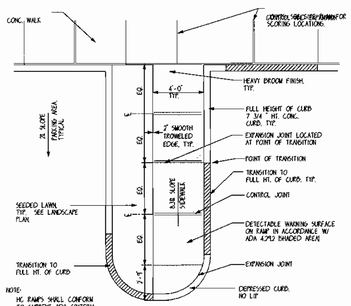
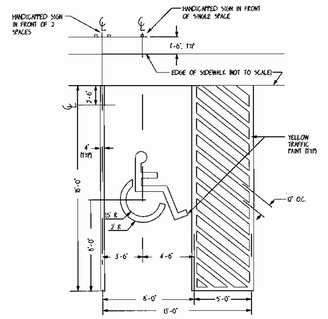


HANDICAPPED RAMP TYPE A

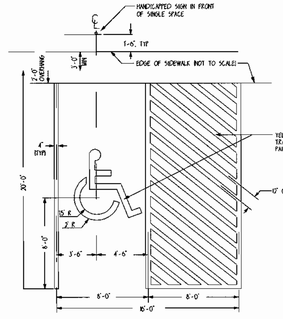
NOT TO SCALE



HANDICAPPED PARKING SPACE

AASHTO M-137-1980

NOT TO SCALE



HANDICAPPED VAN PARKING SPACE

AASHTO M-137-1980

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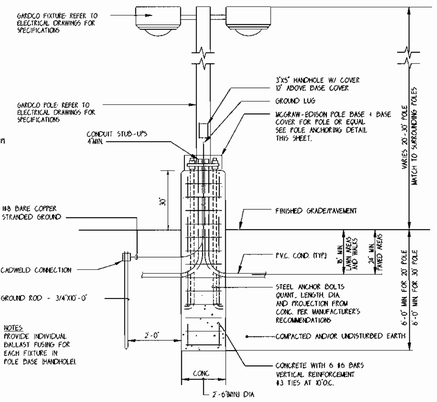
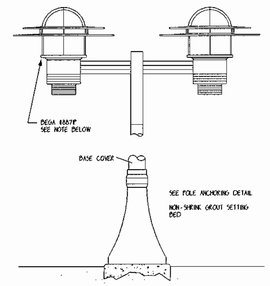


SITE LIGHTING POLE BASE AND LAMP FIXTURES

NOT TO SCALE

CAUTION: SOIL CONSISTANCY MUST BE VERIFIED WITH STRUCTURAL/GEOTECHNICAL ENGINEERS.



PEDESTRIAN LIGHT FIXTURE

NOT TO SCALE

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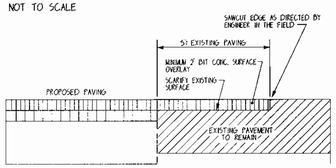
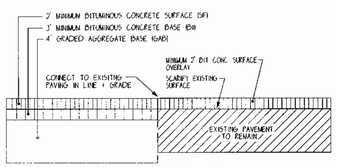
LIGHTING NOTES

1. LIGHTING CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR LIGHTING OF PARKING EXPANSION. THESE DRAWINGS ARE TO ACCOMPANY THE BID.
2. PARKING FIXTURE TYPE AND POLE TO MATCH EXISTING FIXTURES AND POLES. VERIFY MANUFACTURER, MODEL NUMBER AND LOCATION OF EXISTING LIGHT FIXTURES. SEE NOTE #6.
3. INCLUDE CIRCUITRY IN BID AND ON SHOP DRAWINGS.
4. SEE ARCHITECTURAL PLANS FOR LOCATION OF PEDESTRIAN LIGHTING FOR ENTRANCE WALK AREA.
5. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
6. FOR DETAILS OF LIGHTING FIXTURES, INSTALLATION, DESIGN CRITERIA, AND SITE LIGHTING INFORMATION, REFER TO ELECTRICAL PLANS PREPARED BY LEACH, WALLACE ASSOCIATES, INC. THE INFORMATION SHOWN ON THIS PLAN IS GENERIC IN NATURE AND THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL INFORMATION SHOWN ON LEACH WALLACE ASSOCIATES PLANS.



TRANSITION PAVING •

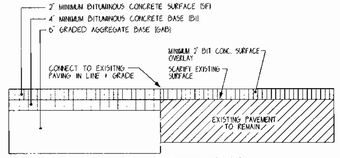
NOT TO SCALE



LIGHT DUTY PAVEMENT •

SHOWN THUS:

NOT TO SCALE



HEAVY DUTY PAVEMENT •

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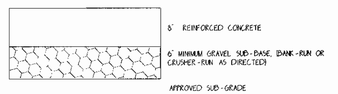

CONCRETE PAVEMENT •

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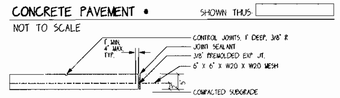
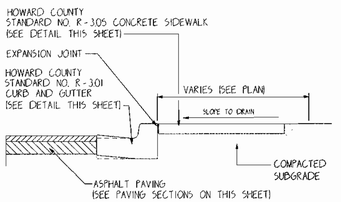


CONCRETE WALK•

SHOWN THUS:

NOT TO SCALE

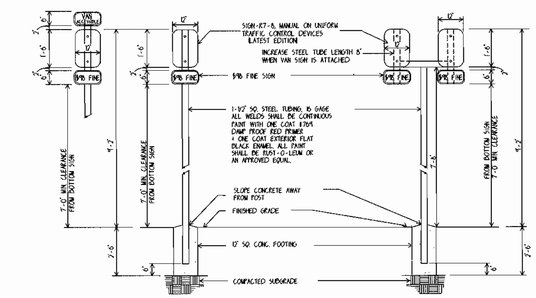


SIDEWALK DETAILS

TYPICAL PAVING SECTIONS

NOT TO SCALE

• THE PAVING SECTIONS SHOWN ARE PROVIDED FOR GENERAL SITE DESIGN ONLY. THE DESIGNS ARE SUBJECT TO REVIEW AND REVISIONS BY A GEO-TECHNICAL ENGINEER.

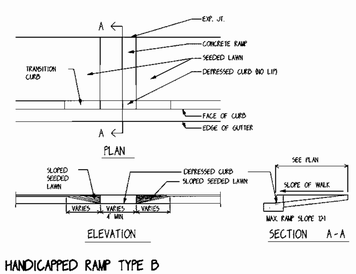


HANDICAPP SIGNS

NOT TO SCALE

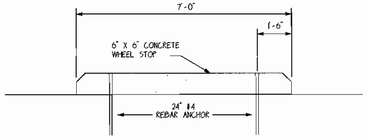
SIGN COLORS
LETTERS AND BORDER - GREEN
WHITE HC, SYMBOLS ON BLUE BACKGROUND
BACKGROUND - WHITE

NOTES:
1. DISTANCE FROM GROUND TO BOTTOM OF SIGN SHALL BE 7'
2. SEE HANDICAPPED PARKING SPACE DETAILTHIS SHEET FOR LOCATION OF HANDICAPPED SIGN.
3. SPACE MARKED 'V' SHALL INCLUDE 'VAN SIGN' AS REQUIRED



HANDICAPPED RAMP TYPE B

NOT TO SCALE

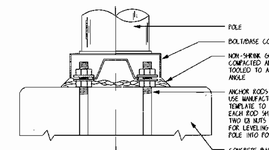


CONCRETE WHEEL STOP

NOT TO SCALE

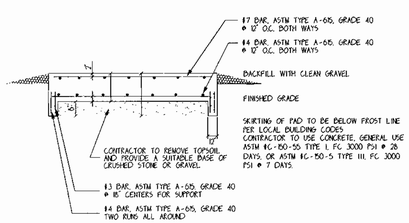
BOLLARD DETAIL

NOT TO SCALE



POLE ANCHORING FOR LIGHT FIXTURES

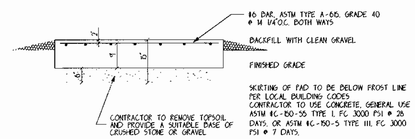
NOT TO SCALE



OXYGEN TANK PAD

SHOWN THUS:

NOT TO SCALE



ENTRANCE TO TANK PAD

SHOWN THUS:

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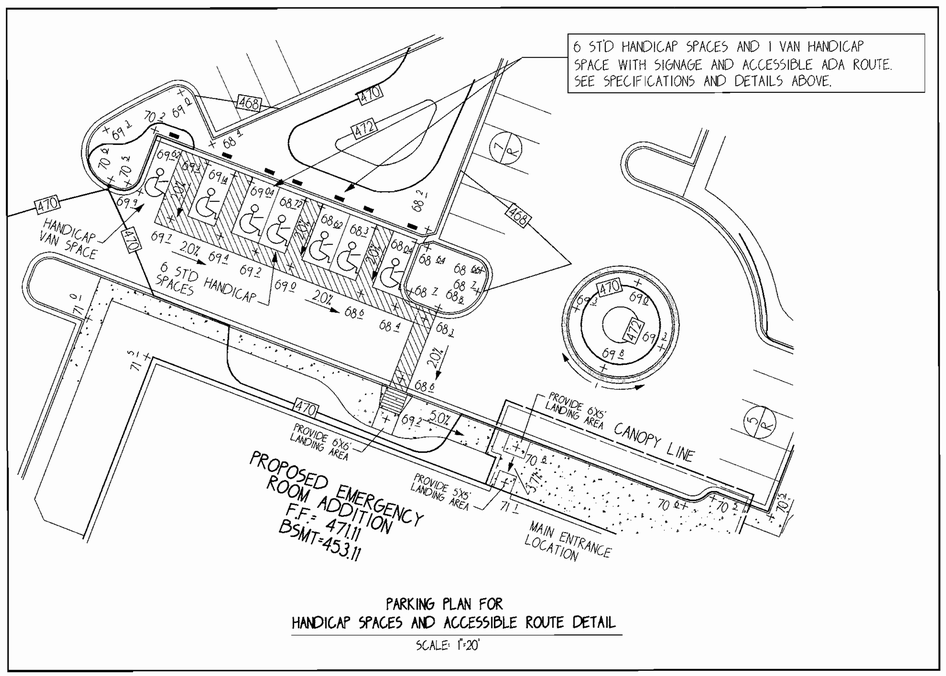

PARKING PLAN FOR HANDICAP SPACES AND ACCESSIBLE ROUTE DETAIL

SCALE: 1"=20'

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00

DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLAVNER

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TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA 8 / 2		LOT/PARCEL #: 2/275
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35	ELECT. DISTRICT: 5TH	CENSUS TRACT: 605302
WATER CODE: 100	SEWER CODE: 5622500		

MAY 30, 2000
DATE

PROFESSIONAL ENGINEER. NO. 12243

TITLE
SITE DEVELOPMENT, LANDSCAPE, AND LIGHTING NOTES, AND DETAILS

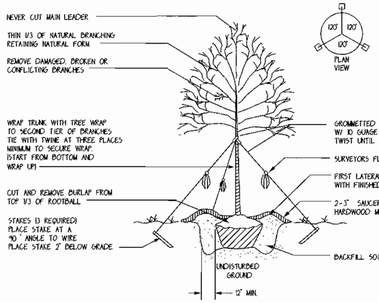
DES. BY WAJ	SCALE AS SHOWN	PROJ. NO. 99-015
DRN. BY HAL	DATE NOVEMBER 1999	13 OF 14
CHK. BY JEC	APPROVED	

PLOT DATE: 07/14/00
FILE: R:\DWG\99015\99015SP2.DWG

SDP-00-72

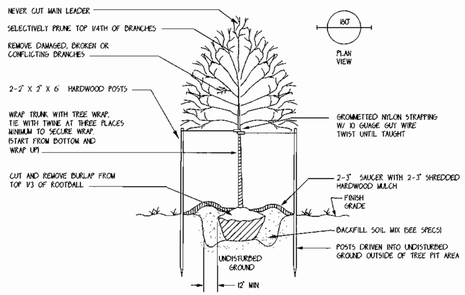
LANDSCAPE NOTES,

1. THE CONTRACTOR SHALL REVIEW ARCHITECTURAL/ENGINEERING PLANS TO BECOME THOROUGHLY FAMILIAR WITH GRADING AND SURFACE UTILITIES.
2. ALL EQUIPMENT AND TOOLS SHALL BE PLACED SO AS NOT TO INTERFERE OR HINDER THE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW.
3. THE CONTRACTOR SHALL COORDINATE WITH LIGHTING AND IRRIGATION CONTRACTORS REGARDING TIMING OF INSTALLATION OF PLANT MATERIAL.
4. THE CONTRACTOR SHALL INSURE THAT HIS WORK DOES NOT INTERRUPT ESTABLISHED OR PROJECTED DRAINAGE PATTERNS
5. DURING PLANTING OPERATIONS, EXCESS WASTE MATERIALS SHALL BE PROMPTLY AND FREQUENTLY REMOVED W THE SITE.
6. CALL MISS UTILITY A MINIMUM OF THREE DAYS PRIOR TO ANY EXCAVATION. THE CONTRACTOR IS ADVISED OF THE EXISTENCE OF UNDERGROUND UTILITIES ON THE SITE. THEIR EXACT LOCATION SHALL BE VERIFIED IN THE FIELD WITH THE OWNER OR GENERAL CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY DIGGING OPERATIONS. IN THE EVENT THEY ARE UNCOVERED, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DAMAGE TO UTILITIES AND SUCH DAMAGE SHALL NOT RESULT IN ANY ADDITIONAL EXPENSES TO THE OWNER. ANY DAMAGE OF UNREPORTED LINES SHALL NOT BE THE RESPONSIBILITY OF THE CONTRACTOR
7. IF UTILITY LINES ARE ENCOUNTERED IN EXCAVATION OF TREE PITS, OTHER LOCATIONS FOR TREES SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. NO CHANGES OF LOCATION SHALL BE MADE WITHOUT APPROVAL BY THE LANDSCAPE ARCHITECT
8. MAINTAIN POSITIVE DRAINAGE OUT OF PLANTING BEDS AT A MINIMUM 2% SLOPE. ALL GRADES, DIMENSIONS, AND EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON SITE BEFORE CONSTRUCTION BEGINS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER.
9. EVERY POSSIBLE SAFEGUARD SHALL BE TAKEN TO PROTECT BUILDING SURFACES, EQUIPMENT, AND PLUMBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSON OR PROPERTY WHICH MAY OCCUR AS A RESULT OF HIS NEGLIGENCE IN THE EXECUTION OF THE WORK.
10. IN THE EVENT OF VARIATION BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND THE PLANS, THE PLANS SHALL CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO THE COMMENCEMENT OF WORK. SEED QUANTITY TAKE-OFFS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING. THE CONTRACTOR SHALL FURNISH PLANT MATERIAL IN SIZES AS SPECIFIED IN PLANT LIST.
11. PLANTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS OR AS DESIGNATED IN THE FIELD. THE CONTRACTOR SHALL STAKE ALL MATERIAL LOCATED ON THE SITE FOR REVIEW AND/OR ADJUSTMENT BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. ALL LOCATIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE EXCAVATION
12. PLANTS SHALL CONFORM TO CURRENT AMERICAN STANDARDS FOR NURSERY STOCK BY AMERICAN ASSOCIATION OF NURSERYMEN (ANA) PARTICULARLY WITH REGARD TO SIZE, GROWTH, SIZE OF BALL, AND DENSITY OF BRANCH STRUCTURE. PLANT MATERIAL SHALL BE TAGGED AT THE SOURCE BY THE LANDSCAPE ARCHITECT UNLESS THIS REQUIREMENT IS SPECIFICALLY WAIVED
13. ALL PLANTS B&B OR CONTAINER SHALL BE PROPERTY IDENTIFIED BY WEATHERPROOF LABELS SECURELY ATTACHED THERETO BEFORE DELIVERY TO PROJECT SITE. LABELS SHALL IDENTIFY PLANTS BY NAME, SPECIES, AND SIZE. LABELS SHALL NOT BE REMOVED UNTIL THE FINAL INSPECTION BY THE LANDSCAPE ARCHITECT OR AGENT IN CHARGE.
14. ANY MATERIAL AND/OR WORK MAY BE REJECTED BY THE LANDSCAPE ARCHITECT IF IT DOES NOT MEET THE REQUIREMENTS OF THE SPECIFICATIONS. ALL REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
15. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER OR LANDSCAPE ARCHITECT.
16. THE LANDSCAPE ARCHITECT OR OWNER SHALL HAVE THE RIGHT, AT ANY STAGE OF THE OPERATIONS, TO REJECT ANY AND ALL WORK AND MATERIAL WHICH, IN HIS OPINION DOES NOT MEET THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS
17. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND CONDITIONS OF ALL TREES AND SHRUBS AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS. STAKING OF ALL TREES SHALL BE DONE UTILIZING A METHOD AGREED UPON BY THE LANDSCAPE ARCHITECT, AS INDICATED ON THE DOCUMENTS
18. ALL PROPOSED TREES TO BE INSTALLED EITHER ENTIRELY ON OR ENTIRELY OUT OF PLANTING BEDS. PLANTING BED LINES ARE NOT TO BE OBSTRUCTED. ALL SHRUBS AND GROUND COVER AREAS SHALL BE PLANTED IN CONTINUOUS PREPARED BED AND TOP DRESSED WITH 3-INCH SHREDDED HARDWOOD MULCH. MULCH SHALL HAVE BEEN SHREDDED WITHIN THE LAST SIX MONTHS.
19. SPADE EDGE ALL PLANTING BEDS.
20. MAINTENANCE SHALL BEGIN AFTER EACH PLANT HAS BEEN INSTALLED AND SHALL CONTINUE UNTIL 90 DAYS AFTER FINAL ACCEPTANCE BY THE ARCHITECT OR OWNER REPRESENTATIVE. MAINTENANCE INCLUDES WATERING, PRUNING, WEEDING, FERTILIZING, MULCHING, REPLACEMENT OF SICK OR DEAD PLANTS, AND ANY OTHER CARE NECESSARY FOR THE PROPER GROWTH OF THE PLANT MATERIAL. THE CONTRACTOR MUST BE ABLE TO PROVIDE CONTINUED MAINTENANCE IF REQUESTED BY THE OWNER
21. UPON COMPLETION OF ALL LANDSCAPING, AN ACCEPTANCE OF WORK SHALL BE HELD. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR OWNER FOR SCHEDULING THE INSPECTION AT LEAST SEVEN (7) DAYS PRIOR TO THE ANTICIPATED INSPECTION DATE
22. ALL TREES SHALL BE GUARANTEED FOR 12 MONTHS FROM THE DATE OF ACCEPTANCE. ALL SHRUBS AND GROUND COVERS SHALL BE GUARANTEED FOR 12 MONTHS FROM THE DATE OF ACCEPTANCE. REPLACEMENT PLANTS USED SHALL BE GUARANTEED FOR AN ADDITIONAL 90 DAYS.
23. THE CONTRACTOR IS RESPONSIBLE FOR TESTING PROJECT SOILS. THE CONTRACTOR IS TO PROVIDE A CERTIFIED SOILS REPORT TO THE OWNER. THE CONTRACTOR SHALL VERIFY THAT THE SOILS ON SITE ARE ACCEPTABLE FOR THE PROPER GROWTH OF THE PROPOSED PLANT MATERIAL. SHOULD THE CONTRACTOR FIND POOR SOIL CONDITIONS, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE SOIL AMENDMENTS AS NECESSARY. THESE AMENDMENTS SHALL INCLUDE, BUT NOT BE LIMITED TO, FERTILIZERS, LIME, AND TOPSOIL. PROPER PLANTING SOILS MUST BE VERIFIED PRIOR TO PLANTING OF MATERIALS
24. THE CONTRACTOR SHALL DISPOSE OF STUMPS AND MAJOR ROOTS OF ALL PLANTS TO BE REMOVED. ANY DEPRESSIONS CAUSED BY REMOVAL OPERATIONS SHALL BE REFILLED WITH FERTILE, FRIABLE SOIL PLACED AND COMPACTED SO AS TO REESTABLISH PROPER GRADE FOR NEW PLANTING AND/OR LAWN AREAS.
25. THE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS
26. ALL DISTURBED AREAS OF THE SITE NOT PLANTED WITH SHRUBS OR GROUND COVER SHALL BE FINE GRADED AND SEEDED
27. ALL LAWN AREAS TO BE SEEDED WHERE DISTURBANCE HAS OCCURRED WITHIN THE LIMIT OF CONSTRUCTION. LOOSEN UPPER 3" OF SOIL BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. AMEND SOIL PER SOIL TEST RECOMMENDATIONS. DURING THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS. PER 1000 SQ. FT.) OF REBEL II TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31 SEED WITH 60 LBS. REBEL II TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY SPREADING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING.
28. SEED MULCH: APPLY 1.5 TO 2 TONS/ACRE (70-90 LBS/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/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES > 8%, USE 348 GAL. PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING
29. INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS AND RESEED UNTIL LAWN IS ESTABLISHED.
30. BULBS: IN ACCORDANCE WITH SECTION II OF THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS



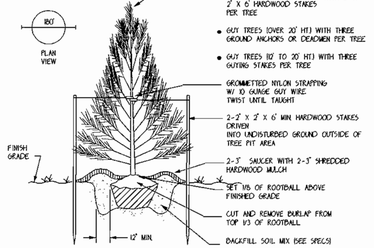
BALL & BAG TREE PLANTING DETAIL

FOR DECIDUOUS TREES 2 1/2" CALIPER OR GREATER
NO TO SCALE



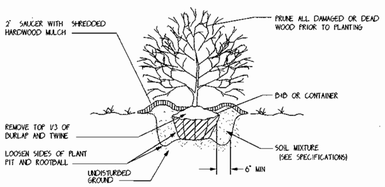
BALL & BAG TREE PLANTING DETAIL

FOR DECIDUOUS TREES LESS THAN 2 1/2" CALIPER
NOT TO SCALE



EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

DECIDUOUS OR EVERGREEN
NO TO SCALE

NOTE: ALL JUNIPER PLANTS SHALL BE PLANTED SO TOP OF ROOT MASS OCCURS AT FINISHED GRADE OF MULCH LAYER. ANY BROKEN ROOTBALL WILL BE REJECTED.

SCHEDULE B - PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES (INCLUDING AMBULANCE)	124
INTERNAL ISLANDS REQUIRED: 1/20 SP.	7 OR 1400 SF
NUMBER OF TREES REQUIRED (1/20 SP.) NUMBER OF TREES PROVIDED	7 7
INTERNAL ISLANDS PROVIDED: 200 SF/ISLAND	22 4410 SF

SCHEDULE A - PERIMETER LANDSCAPE EDGE FOR LOADING

CATEGORY	ADJACENT TO CEDAR LANE
LANDSCAPE TYPE	D
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	190
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
NUMBER OF PLANTS REQUIRED (BASED ON TOTAL PERIMETER) TYPE D SHADE TREES 1/50 EVERGREEN TREES 1/D SHRUBS N/A	 4 19 0
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (IN SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) TOTAL SHRUBS	 0 19 0 40 45

COMMENTS:

SCHEDULE A - PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO CEDAR LANE	ADJACENT TO LITTLE PATUXENT PARKWAY	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	E	E	*
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	1145	560	*
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	*
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	*
NUMBER OF PLANTS REQUIRED (BASED ON TOTAL PERIMETER) TYPE E SHADE TREES 1/40 EVERGREEN TREES N/A SHRUBS 1/4	 4 0 37	 14 0 140	*
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (IN SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) TOTAL SHRUBS	 0 11 0 0 75	 14 0 0 0 366	*

COMMENTS: * PREVIOUSLY APPROVED AND INSTALLED IN ACCORDANCE WITH SDP 95-114

NOTE:
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 29 LANDSCAPE TREES, 19 EVERGREEN TREES AND 177 SHRUBS IN THE AMOUNT OF $16,860.00 IS PART OF THE DEVELOPER'S AGREEMENT.

PLANT LIST

KEY	QUANTITY	PLANT: BOTANICAL NAME	PLANT: COMMON NAME	SIZE AND CONDITION	REMARKS
SHADE TREES					
AS	21	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	12'-14' HEIGHT 2.5"-3.0" CAL. B+B	
PC	3	PRUNUS CERASIFERA ATROPURPUREA 'THUNDER'	THUNDERCLOUD PURPLELEAF PLUM	6'-8' HEIGHT 1.5"-2.0" CAL. B+B	
EVERGREEN TREES					
PS	20	PINUS STOBUS	EASTERN WHITE PINE	6'-8' HEIGHT B+B	
PA	19	PICEA ABIES	NORWAY SPRUCE	6'-8' HEIGHT B+B	
ENS	7	ILEX 'NELLIE R. STEVENS' / 'NELLIE'	STEVENS HOLLY	6'-8' HEIGHT B+B	
SHRUBS					
EA	486	EUONYMUS ALATUS 'COMPACTA'	DWARF WINGED EUONYMUS	24"-30" B+B OR CONT.	30" O/C

SHEET INDEX

1 OF 14 COVER SHEET
2 OF 14 SITE DEVELOPMENT PHASING PLAN
3 OF 14 EXISTING CONDITIONS PLAN
4 OF 14 DEMOLITION PLAN
5 OF 14 SITE GRADING AND DEVELOPMENT PLAN
6 OF 14 SEDIMENT AND EROSION CONTROL PLAN
7 OF 14 SEDIMENT AND EROSION CONTROL NOTES + DETAILS
8 OF 14 EXISTING CONDITIONS DRAINAGE AREA MAP
9 OF 14 PROPOSED CONDITIONS DRAINAGE AREA MAP
10 OF 14 STORM DRAIN AND ON-SITE WATER PLAN
11 OF 14 STORM DRAIN AND WATER MAIN PROFILES, NOTES, AND DETAILS
12 OF 14 LANDSCAPING PLAN
13 OF 14 SITE AND HANDICAP DETAILS AND SPECIFICATIONS
14 OF 14 LANDSCAPE DETAILS AND SPECIFICATIONS

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE April 6, 2000

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/18/00

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10/20/00

DIRECTOR — DATE 10/20/00

DATE	NO.	REVISION DESCRIPTION

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLANNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

©1999 JOYCE ENGINEERING CORPORATION

ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
2/276	5755 CEDAR LANE

MAY 30, 2000
DATE

PROFESSIONAL ENGINEER, NO. 12243

PERMIT INFORMATION CHART

SUBDIVISION: TOWN CENTER	SECTION/AREA: 8 / 2	LOT/PARCEL: 2/276
PLAT# OR L/F: 3648	TAX/ZONE MAP: 35 ELECT. DISTRICT: 5TH	CENSUS TRACT: 605302
WATER CODE: 106	SEWER CODE: 5527500	

TITLE:
LANDSCAPE NOTES, SCHEDULES & DETAILS

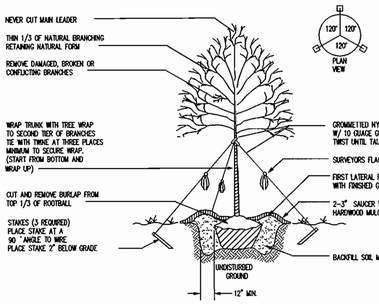
DES BY: WAJ	SCALE: AS SHOWN	PROJ. NO. 99-015
DRN BY: HAL	DATE: NOVEMBER 1999	14 OF 14
CHK BY: JEC	APPROVED	

PLOT DATE: 05/30/00
FILE: R:\DWG\99015\9901SSP3.DWG

SDP-00-72

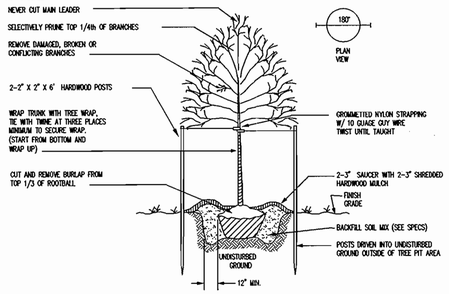
Landscape Notes,

1. The contractor shall review architectural/engineering plans to become thoroughly familiar with grading and surface utilities.
2. All equipment and tools shall be placed so as not to interfere or hinder the pedestrian and vehicular traffic flow,
3. The contractor shall coordinate with lighting and irrigation contractors regarding timing of installation of plant material
4. The contractor shall insure that his work does not interrupt established or projected drainage patterns
5. During planting operations, excess waste materials shall be promptly and frequently removed m the site.
6. Call Miss Utility a minimum of three days prior to any excavation. The contractor is advised of the existence of underground utilities on the site. Their exact location shall be verified in the field with the owner or general contractor prior to the commencement of any digging operations. In the event they are uncovered, the contractor shall be held responsible for all damage to utilities and such damage shall not result in any additional expenses to the owner, Any damage of unreported lines shall not be the responsibility of the contractor.
7. If utility lines are encountered in excavation of tree pits, other locations for trees shall be made by the contractor without additional compensation. No changes of location shall be made without approval by the landscape architect.
8. Maintain positive drainage out of planting beds at a minimum 2% slope. All grades, dimensions, and existing conditions shall be verified by the contractor on site before construction begins. Any discrepancies shall be brought to the attention of the landscape architect or owner.
9. Every possible safeguard shall be taken to protect building surfaces, equipment, and furnishing. The contractor shall be responsible for any damage or injury to person or property which may occur as a result of his negligence in the execution of the work.
10. In the event of variation between quantities shown on the plant list and the plans, the plans shall control. The contractor is responsible for verifying all plant quantities prior to the commencement of work. Seed quantity take-offs are the responsibility of the contractor. All discrepancies shall be reported to the landscape architect for clarification prior to bidding. The contractor shall furnish plant material in sizes as specified in plant list.
11. Plants shall be located as shown on the drawings or as designated in the field. The contractor shall stake all material located on the site for review and/or adjustment by the landscape architect prior to planting. All locations are to be approved by the landscape architect before excavation.
12. Plants shall conform to current 'American Standards for Nursery Stock' by American Association of Nurserymen (AAN), particularly with regard to size, growth, size of ball, and density of branch structure. Plant material shall be tagged at the source by the landscape architect unless THIS requirement is specifically waived.
13. All plants (B&B or container) shall be property identified by weatherproof labels securely attached thereto before delivery to project site. Labels shall identify plants' by name, species, and size, Labels shall not be removed until the final Inspection by the landscape architect or agent In charge.
14. Any material and/or work may be rejected by the landscape architect if it does not meet the requirements of the specifications. All rejected materials shall be removed from the site by the contractor.
15. No substitutions shall be made without written consent of the owner or landscape architect.
16. The landscape architect or owner shall have the right, at any stage of the operations, to reject any and all work and material which, In his opinion, does not meet the requirements of these plans and specifications.
17. The contractor shall be wholly responsible for stability and conditions of all trees and shrubs and shall be legally liable for any damage caused by instability of any plant materials. Staking of all trees shall be done utilizing a method agreed upon by the landscape architect, as indicated on the documents.
18. All proposed trees to be installed either entirely on or entirely out of planting beds. Planting bed lines are not to be obstructed. All shrubs and ground cover areas shall be planted in continuous prepared bed and top dressed with 3-inch shredded hardwood mulch, Mulch shall have been shredded Within the last six months.
19. Spade edge all planting beds.
20. Maintenance shall begin after each plant has been installed and shall continue until 90 days after final acceptance by the architect or owner representative. Maintenance Includes watering, pruning, weeding, fertilizing, mulching, replacement of sick or dead plants, and any other care necessary for the proper growth of the plant material. The contractor must be able to provide continued maintenance If requested by the owner.
21. Upon completion of all landscaping, an acceptance of work shall be held. The contractor shall notify the landscape architect or owner for scheduling the inspection at least seven (7) days prior to the anticipated inspection date.
22. All trees shall be guaranteed for 12 months from the date of acceptance. All shrubs and ground covers shall be guaranteed for 12 months from the date of acceptance. Replacement plants used shall be guaranteed for an additional 90 days.
23. The contractor is responsible for testing project soils. The contractor to to provide a certified soils report to the owner. The contractor shall verify that the soils on site are acceptable for the PROPER growth of the proposed plant material. Should the contractor find poor soil conditions, the CONTRACTOR shall be required to provide soil amendments as necessary. These amendments shall include, BUT NOT be limited to, fertilizers, lime, and topsoil. Proper planting soils must be verified prior to PLANTING OF materials.
24. The contractor shall dispose of stumps and major roots of all plants to be removed. Any depressions caused by removal operations shall be refilled with fertile, friable soil placed and compacted so as to reestablish proper grade for new planting and/or lawn areas.
25. The contractor shall Insure adequate vertical drainage in all plant beds.
26. All disturbed areas of the site not planted with shrubs or ground cover shall be fine graded and seeded.
27. All lawn areas to be seeded where disturbance has occurred within the limit of construction, Loosen upper 30 of soil before seeding, if not previously loosened. Amend soil per soil test recommendations. During the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs. per 1000 sq. ft.) of Rebel 11 Tall Fescue. For the period May 1 thru July 31 seed with 60 lbs. Rebel II Tall Fescue per acre and 2 lbs. per acre (.05 lbs,1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by spreading 2 tons per acre of well anchored straw mulch and seed as soon as possible In the spring.
28. Seed mulch: Apply 1.5 to 2 tons/acre (70-90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after applications using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes > 8%, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.
29. Inspect all seeded areas and make needed repairs and reseed until lawn is established.
30. Bulbs: in accordance with section 11 of the American Association of Nurserymen standards



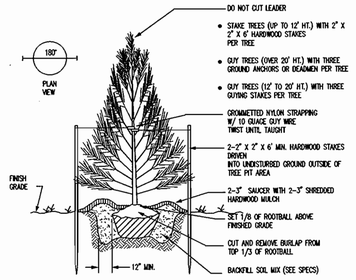
BALL & BAG TREE PLANTING DETAIL

FOR DECIDUOUS TREES 2 1/2" CALIPER OR GREATER
NO TO SCALE



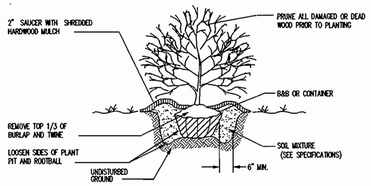
BALL & BAG TREE PLANTING DETAIL

FOR DECIDUOUS TREES LESS THAN 2 1/2" CALIPER
NOT TO SCALE



EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

DECIDUOUS OR EVERGREEN
NO TO SCALE

NOTE: ALL JUNIPER PLANTS SHALL BE PLANTED SO TOP OF ROOT MASS OCCURS AT FINISHED GRADE OF MULCH LAYER. ANY BROKEN ROOTBALL WILL BE REJECTED.

SCHEDULE B – PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES (INCLUDING AMBULANCE)	100 (4)
INTERNAL ISLANDS REQUIRED: 1/20 SP.	5 OR 1400 SF (4)
NUMBER OF TREES REQUIRED (1/20 SP.): NUMBER OF TREES PROVIDED	5 (4) 7
INTERNAL ISLANDS PROVIDED: 200 SF/ISLAND	22 4410 SF

SCHEDULE A – PERIMETER LANDSCAPE EDGE FOR LOADING

CATEGORY	ADJACENT TO CEDAR LANE
LANDSCAPE TYPE	D
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	183 (4)
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
NUMBER OF PLANTS REQUIRED (BASED ON TOTAL PERIMETER) TYPE d SHADE TREES 1:60 EVERGREEN TREES 1:10 SHRUBS N/A	 4 19 (4) 0
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS RELOCATION TOTAL SHRUBS	 0 19 8 62 (4) 62

COMMENTS:

SCHEDULE A – PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO CEDAR LANE	ADJACENT TO LITTLE PATUXENT PARKWAY	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	N/A (4)	E	*
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	N/A	560	*
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	NO	*
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	NO	*
NUMBER OF PLANTS REQUIRED (BASED ON TOTAL PERIMETER) TYPE E SHADE TREES 1:40 EVERGREEN TREES N/A SHRUBS 1:4	N/A	 14 0 140	*
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBTITUTION) TOTAL SHRUBS	N/A	 14 0 0 0 366	*

COMMENTS: * PREVIOUSLY APPROVED AND INSTALLED IN ACCORDANCE WITH SDP 95-114

NOTE (ORIGINAL SDP APPROVAL):
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 29 LANDSCAPE TREES, 19 EVERGREEN TREES AND 177 SHRUBS IN THE AMOUNT OF $16,860.00 IS PART OF THE DEVELOPER'S AGREEMENT.

NOTE (REVISED LANDSCAPE PLAN): (4)
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 27 EVERGREEN TREES, AMOUNT OF $4,050.00 WILL BE PART OFTHE BUILDER'S GRADING PERMIT APPLICATION.

PLANT LIST

KEY	QUANTITY	PLANT: BOTANICAL NAME	PLANT: COMMON NAME	SIZE AND CONDITION	REMARKS
SHADE TREES					
AS	21	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	12'-14' HEIGHT 2.5"-3.0" CAL, b&b	
PC	3	PRUNUS CERASIFERA ATROPURPUREA 'THUNDER'	THUNDERCLOUD PURPLELEAF PLUM	6'-8' HEIGHT 1.5"-2.0" CAL, b&b	
EVERGREEN TREES					
(4) PS	28	PINUS STOBUS	EASTERN WHITE PINE	6'-8' HEIGHT b+b	
(4) PA	8	PICEA ABIES	NORWAY SPRUCE	6'-8' HEIGHT b+b	
ENS	7	ILEX 'NELLIER. STEVENS / NELLIE	STEVENS HOLLY	6'-8' HEIGHT b+b	
SHRUBS					
EA	366	EUONYMUS ALATUS 'COMPATA'	DWARF WINGED EUONYMUS	24"-30" B+B OR CONT.	3.0' O/C
(4) EA	62 *	EUONYMUS ALATUS 'COMPATA'	DWARF WINGED EUONYMUS	24"-30" B+B OR CONT.	3.0' O/C

* RELOCATED SHRUBS

SHEET INDEX

1 OF 14	COVER SHEET
2 OF 14	SITE DEVELOPMENT PHASING PLAN
3 OF 14	EXISTING CONDITIONS PLAN
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5 OF 14	SITE GRADING AND DEVELOPMENT PLAN
6 OF 14	SEDIMENT AND EROSION CONTROL PLAN
7 OF 14	SEDIMENT AND EROSION CONTROL NOTES & DETAILS
8 OF 14	EXISTING CONDITIONS DRAINAGE AREA MAP
9 OF 14	PROPOSED CONDITIONS DRAINAGE AREA MAP
10 OF 14	STORM DRAIN, AND ON-SITE WATER PLAN
11 OF 14	STORM DRAIN, AND WATER MAIN PROFILES, NOTES, AND DETAILS
12 OF 14	LANDSCAPING PLAN
13 OF 14	SITE AND handicap DETAILS and specifications
14 OF 14	LANDSCAPE DETAILS and specifications

PURPOSE STATEMENT

IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 10/25/06

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 11/8/06

DIRECTOR — DATE 11/6/06

DATE	NO.	REVISION DESCRIPTION
04.03.06	4	SHOW NEW MAIN ENTRANCE AND DEDICATED LOADING DOCK ENTRANCE FOR SERVICE AND DELIVERY VEHICLES AND RELOCATED OXYGEN TANK.
02.08.06	3	ADDED 1670 SF PSYCHIATRIC ADDITION TO THE EMERGENCY ROOM.
04.03.03	2	ADDED CONCRETE PAD TO HELICOPTER LANDING AREA AND ADDED CONCRETE DETAILS.
07.01.02	1	ADDED NEW SCRUBBER, CONDENSER, QUENCHER AND DISCHARGE SILENCER NEAR EXISTING LOADING FACILITY.

PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLANNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE – TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

© 1999 JOYCE ENGINEERING CORPORATION

ADDRESS CHART	
LOT/PARCEL	STREET ADDRESS
4/276	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

~~MAY 30, 2000~~ 17 OCT. 2006
DATE

STATE OF MARYLAND — MATTHEW E. JOYCE — No. 16,277 — PROFESSIONAL ENGINEER

~~12213~~ 27729
PROFESSIONAL ENGINEER. NO.

PERMIT INFORMATION CHART			
SUBDIVISION NAME: TOWN CENTER	SECTION/AREA: 8 / 2		LOT/PARCEL #: 4/276
PLAT# OR L/F: 18628	TAX/ZONE MAP: 35 NT/POR	ELECT. DISTRICT: 5TH	CENSUS TRACT: 6053.02
WATER CODE: 106	SEWER CODE: 5522500		

TITLE
REVISED LANDSCAPE NOTES, SCHEDULES & DETAILS

DES BY WAJ	SCALE AS SHOWN	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	14 OF 14
CHK BY JEC	APPROVED	

PLOT DATE: 10/17/06
FILE: R:\DWG\RedlineAPPJEC14of14Update.DWG

SDP-00-72

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NOTE: EXISTING TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY INFORMATION AS SHOWN, IS BASED UPON AVAILABLE RECORD INFORMATION AS PROVIDED BY THE OWNER/DEVELOPER/APPLICANT. ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY DIGGING TEST PITS, BY HAND, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. JOYCE ENGINEERING CORPORATION ASSUMES NO LIABILITY FOR ACCURACY OF UTILITY INFORMATION PROVIDED BY OTHERS.

ELECTRONIC FILE DISCLAIMER:
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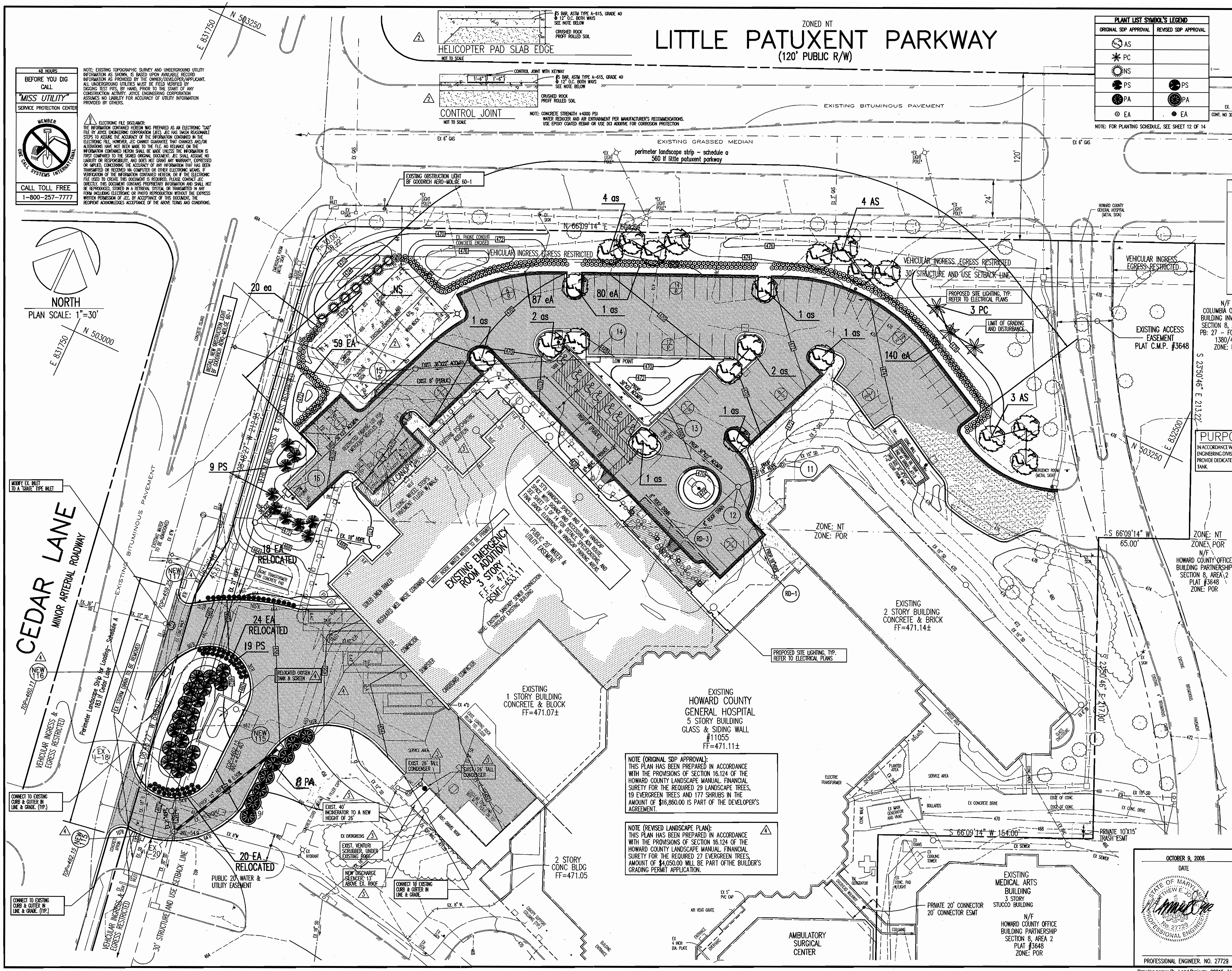

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PLANT LIST SYMBOL'S LEGEND

ORIGINAL SDP APPROVAL	REVISED SDP APPROVAL
AS	
PC	
NS	
PS	PS
PA	PA
EA	EA

NOTE: FOR PLANTING SCHEDULE, SEE SHEET 12 OF 14

GENERAL LANDSCAPING NOTES:

1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

2. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF $15,480.00

3. THE OWNER, TENANT, AND AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIAL SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE HEREBY CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME DATE

SHEET INDEX

1 OF 14	COVER SHEET
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14 OF 14	LANDSCAPE DETAILS AND SPECIFICATIONS

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

Approved [signature] 10/24/06
Howard S.C.D. Date

[signature] 10/24/06

PURPOSE STATEMENT

IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

[signature] 12/05/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

[signature] 11/8/06
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

[signature] 11/8/06
DIRECTOR — DATE

DATE	NO.	REVISION DESCRIPTION
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TEL: (301) 595-4353 FAX: (301) 595-4650

Z 2000 JOYCE ENGINEERING CORPORATION

ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
LOT 4	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

OCTOBER 9, 2006
DATE

STATE OF MARYLAND — MATTHEW E. JOYCE — No. 27729 — PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. 27729

PERMIT INFORMATION CHART

SUBDIVISION		SECTION/AREA		LOT/PARCEL #
TOWN CENTER		8 / 2		4/276
PLAT# OR L/F: 18628	BLOCK #: 5	ZONE: POR/NT	TAX/ZONE MAP: 35 NT/POR	ELECT. DISTRICT: 5TH / CENSUS TRACT: 6053.02
WATER CODE: 106		SEWER CODE: 5522500		

TITLE

REVISED LANDSCAPE PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	12 OF 14
CHK BY JEC	APPROVED -	

Drawing name: R:_Land Projects_99015 - Howard County General_dwg_RedlineAPPJEC12of14Update.dwg
Plotted: Oct 17, 2006 - 1:32pm

SDP-00-72

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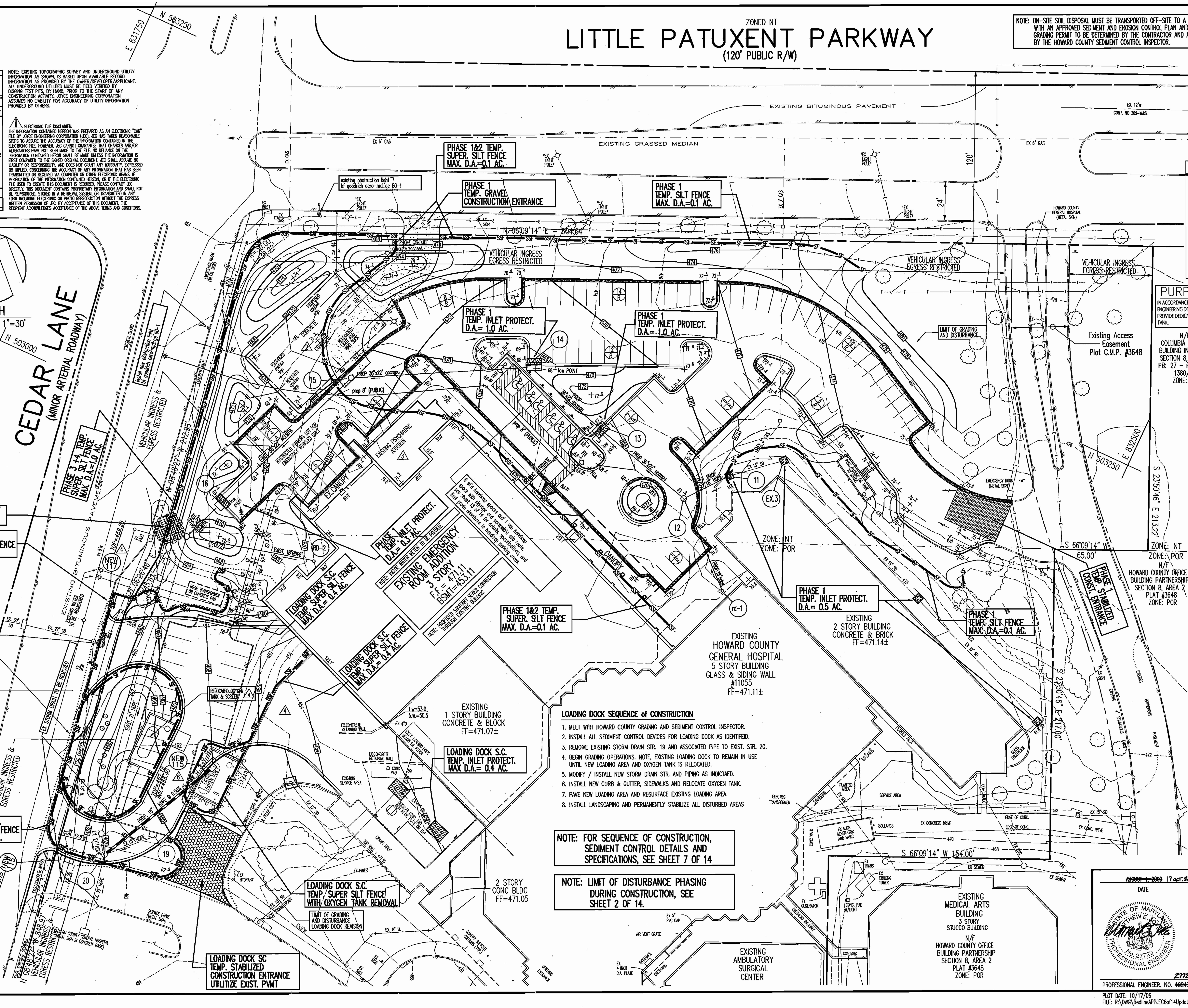

LOADING DOCK SEQUENCE of CONSTRUCTION

1. MEET WITH HOWARD COUNTY GRADING AND SEDIMENT CONTROL INSPECTOR.
2. INSTALL ALL SEDIMENT CONTROL DEVICES FOR LOADING DOCK AS IDENTIFEID.
3. REMOVE EXISTING STORM DRAIN STR. 19 AND ASSOCIATED PIPE TO EXIST. STR. 20.
4. BEGIN GRADING OPERATIONS. NOTE, EXISTING LOADING DOCK TO REMAIN IN USE UNTIL NEW LOADING AREA AND OXYGEN TANK IS RELOCATED.
5. MODIFY / INSTALL NEW STORM DRAIN STR. AND PIPING AS INDICTAED.
6. INSTALL NEW CURB & GUTTER, SIDEWALKS AND RELOCATE OXYGEN TANK.
7. PAVE NEW LOADING AREA AND RESURFACE EXISTING LOADING AREA.
8. INSTALL LANDSCAPING AND PERMANENTLY STABILIZE ALL DISTURBED AREAS

NOTE: FOR SEQUENCE OF CONSTRUCTION, SEDIMENT CONTROL DETAILS AND SPECIFICATIONS, SEE SHEET 7 OF 14

NOTE: LIMIT OF DISTURBANCE PHASING DURING CONSTRUCTION, SEE SHEET 2 OF 14.

NOTE: ON-SITE SOIL DISPOSAL MUST BE TRANSPORTED OFF-SITE TO A SITE WITH AN APPROVED SEDIMENT AND EROSION CONTROL PLAN AND ACTIVE GRADING PERMIT TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

SEDIMENT CONTROL LEGEND

EXISTING CONTOURS	232
PROPOSED CONTOURS	472
LIMIT OF DISTURBANCE	···········
TEMP. INLET PROTECTION	(hatched symbol)
TEMP. SILT FENCE	SF — SF — SF — SF
TEMP. STABILIZED CONSTRUCTION ENTRANCE	(shaded symbol)

CONTRACTOR SHALL OBTAIN IN WRITING PERMISSION FROM THE INSPECTOR TO PROCEED AT END OF EACH SEQUENCE OF CONSTRUCTION PHASE.

SHEET INDEX

1 OF 14	COVER SHEET
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Jim Myler 10/24/06

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

Approved John R Robertson 10/24/06
Howard S.C.D. Date

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
Robert J Wade (for) 10/27/06
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
10/25/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Cindy Hamilton 11/8/06
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
Marsha McLaughlin 11/8/06
DIRECTOR DATE

DATE	NO.	REVISION DESCRIPTION
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HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

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TEL: (301) 595-4353 FAX: (301) 595-4650
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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
LOT 4	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

~~AUGUST 4, 2000~~ 17 OCT. 2006
DATE

STATE OF MARYLAND MATTHEW E. ... No. 27729 PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. ~~12243~~ 27729

PERMIT INFORMATION CHART

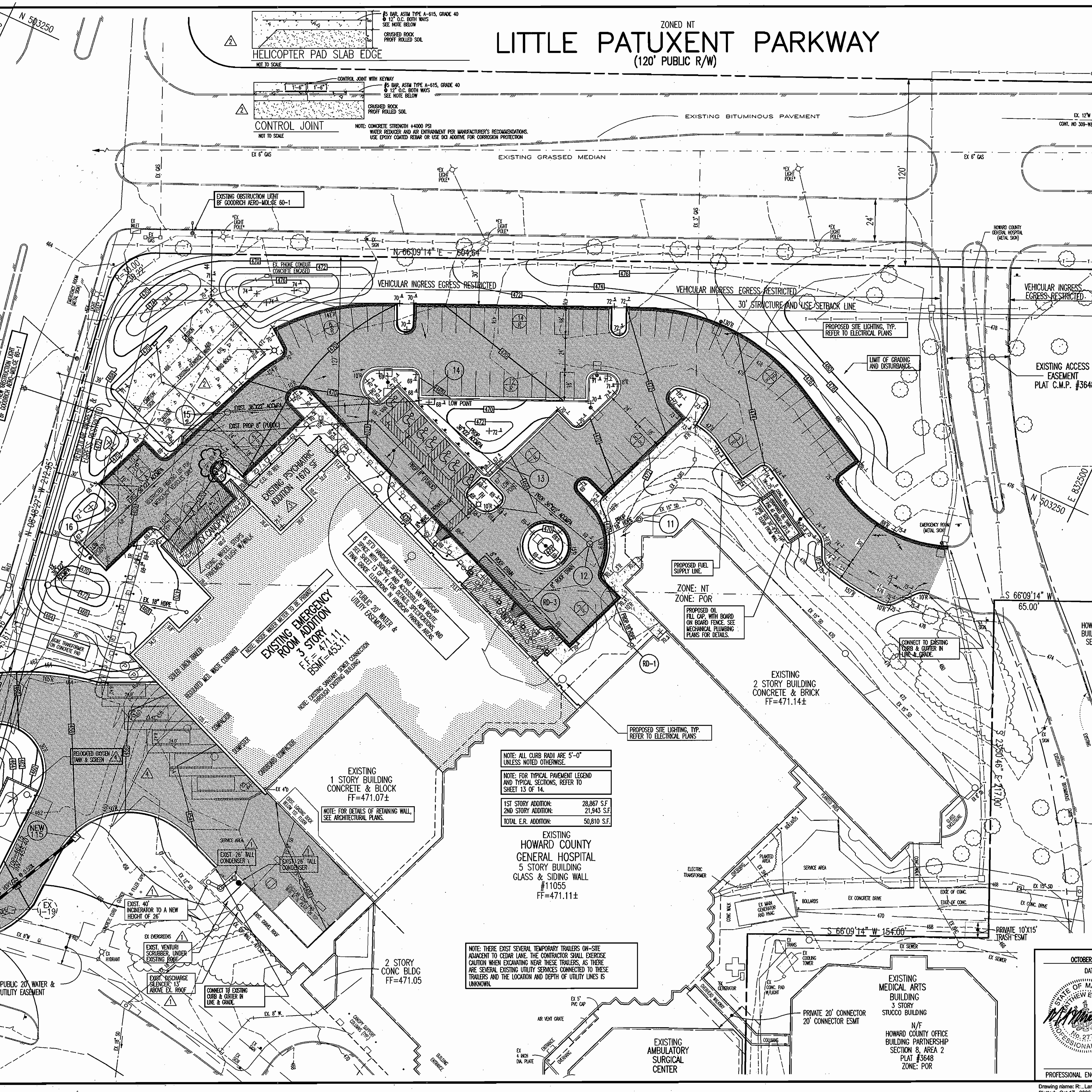
SUBDIVISION TOWN CENTER	SECTION/AREA 8 / 2		LOT/PARCEL # 2/276
PLAT# OR L/F 18628	TAX/ZONE MAP 35 NT/POR	ELECT. DISTRICT 5TH	CENSUS TRACT 6053.02
WATER CODE 106	SEWER CODE 5522500		

TITLE

SEDIMENT AND EROSION CONTROL PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	6 OF 14
CHK BY JEC	APPROVED -	

PLOT DATE: 10/17/06
FILE: R:\DWG\RedlineAPPJEC6of14Update.DWG



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NOTE: ALL CURB RADII ARE 5'-0" UNLESS NOTED OTHERWISE.

NOTE: FOR TYPICAL PAVEMENT LEGEND AND TYPICAL SECTIONS, REFER TO SHEET 13 OF 14.

1ST STORY ADDITION:	28,867 S.F
2ND STORY ADDITION:	21,943 S.F.
TOTAL E.R. ADDITION:	50,810 S.F.

NOTE: THERE EXIST SEVERAL TEMPORARY TRAILERS ON-SITE ADJACENT TO CEDAR LANE. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING NEAR THESE TRAILERS, AS THERE ARE SEVERAL EXISTING UTILITY SERVICES CONNECTED TO THESE TRAILERS AND THE LOCATION AND DEPTH OF UTILITY LINES IS UNKNOWN.

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APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

[signature] 10/25/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

[signature] 11/8/06
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

[signature] 11/8/06
DIRECTOR — DATE

DATE	NO.	REVISION DESCRIPTION
04.03.06	4	SHOW NEW MAIN ENTRANCE AND DEDICATED LOADING DOCK ENTRANCE FOR SERVICE AND DELIVERY VEHICLES AND RELOCATED OXYGEN TANK.
02.08.06	3	ADDED 1670 SF PSYCHIATRIC ADDITION TO THE EMERGENCY ROOM.
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07.01.02	1	ADDED NEW SCRUBBER, CONDENSER, QUENCHER AND DISCHARGE SILENCER NEAR EXISTING LOADING FACILITY.

PROJECT

HOWARD COUNTY GENERAL HOSPITAL

EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: MS. BETH PLAVNER

JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEYS OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650

Z 2000 JOYCE ENGINEERING CORPORATION

ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
LOT 4	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

PERMIT INFORMATION CHART

SUBDIVISION TOWN CENTER	SECTION/AREA 8 / 2	LOT/PARCEL # 4/276
PLAT# OR L/F 18628, 3648 — BLOCK # 5 — ZONE NT POR	TAX/ZONE MAP 35 NT/POR — ELECT. DISTRICT 5TH	CENSUS TRACT 6053.02
WATER CODE 106	SEWER CODE 5522500	

OCTOBER 9, 2006
DATE

STATE OF MARYLAND MATTHEW E. JOYCE No. 27729 PROFESSIONAL ENGINEER [seal and signature]

PROFESSIONAL ENGINEER. NO. 27729

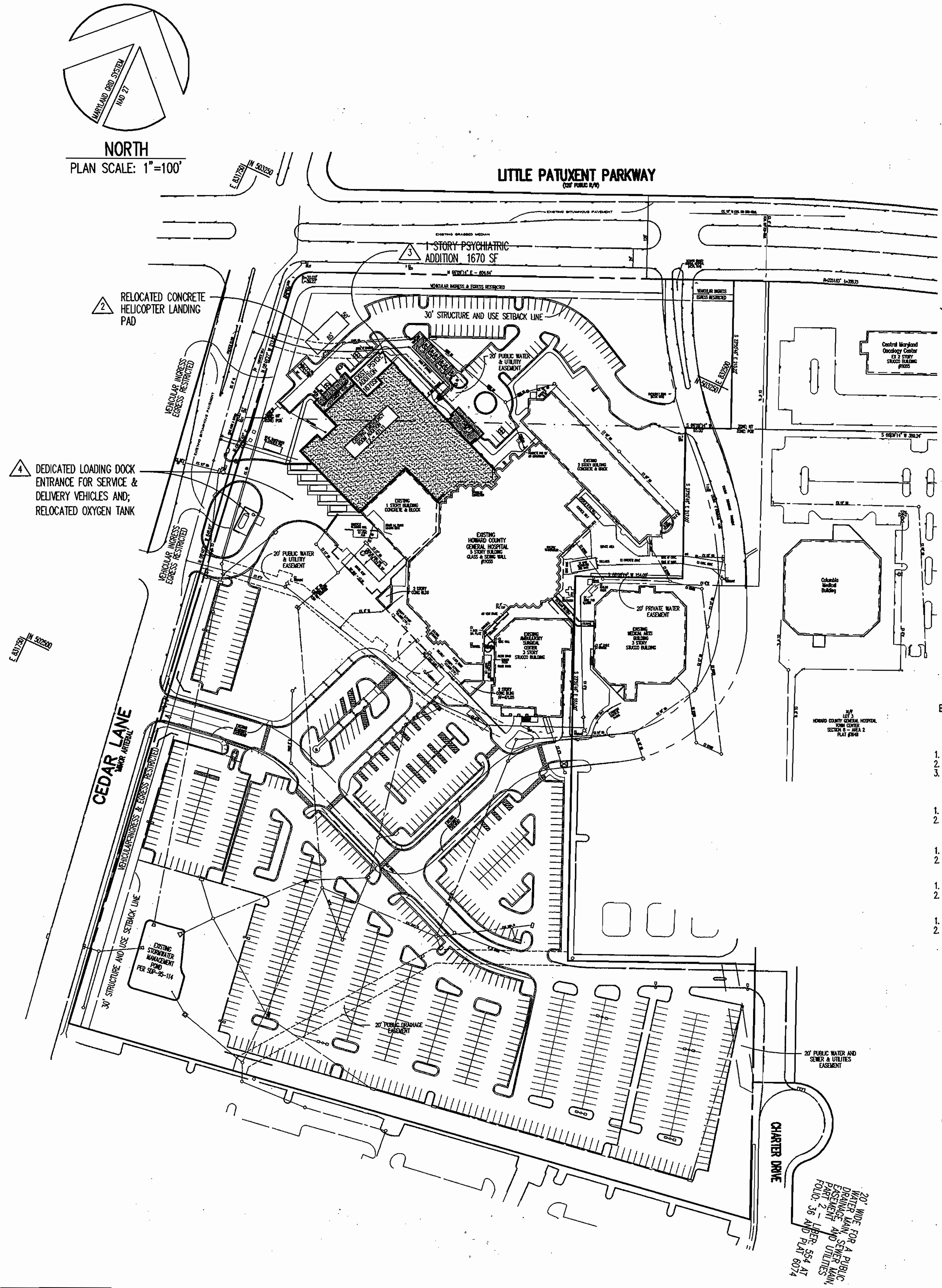
TITLE

REVISED SITE DEVELOPMENT PLAN

DES BY WAJ	SCALE 1"=30'	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	5 OF 14
CHK BY JEC	APPROVED -	

Drawing name: R:_Land Projects_99015 - Howard County General_dwg_RedlineAPPJEC5of14Update.dwg
Plotted: Oct 17, 2006 - 1:31pm

SDP-00-72



48 Hours
Before You Dig Call
"MISS UTILITY"
Service Protection Center
MEMBER ONE CALL SYSTEMS INTERNATIONAL
CALL TOLL FREE
1-800-257-7777

NOTE: EXISTING TOPOGRAPHIC SURVEY AND UNDERGROUND UTILITY INFORMATION AS SHOWN, IS BASED UPON AVAILABLE RECORD INFORMATION AS PROVIDED BY THE OWNER/DEVELOPER/APPLICANT. ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY DIGGING TEST PITS, BY HAND, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. JOYCE ENGINEERING CORPORATION ASSUMES NO LIABILITY FOR ACCURACY OF UTILITY INFORMATION PROVIDED BY OTHERS.

SHEET INDEX

1 OF 14	COVER SHEET
2 OF 14	SITE DEVELOPMENT PHASING PLAN
3 OF 14	EXISTING CONDITIONS PLAN
4 OF 14	DEMOLITION PLAN
5 OF 14	SITE GRADING AND DEVELOPMENT PLAN
6 OF 14	SEDIMENT AND EROSION CONTROL PLAN
7 OF 14	SEDIMENT AND EROSION CONTROL NOTES & DETAILS
8 OF 14	EXISTING CONDITIONS DRAINAGE AREA MAP
9 OF 14	PROPOSED CONDITIONS DRAINAGE AREA MAP
10 OF 14	STORM DRAIN, AND ON-SITE WATER PLAN
11 OF 14	STORM DRAIN, AND WATER MAIN PROFILES, NOTES, AND DETAILS
12 OF 14	LANDSCAPING PLAN
13 OF 14	SITE AND handicap DETAILS and specifications
14 OF 14	LANDSCAPE DETAILS and specifications

GENERAL SITE DATA:

1. GENERAL SITE DATA:
   a. Existing Zoning: NT / POR
   b. Applicable DPZ File References: SDP-86-207, FDP-83, SDP-85-17, F-76-101, SDP-86-296, F-91-65, S-90-32, PB 266, SDP-94-04, AA-90-09, AA-95-23, WP-90-106, BA-9036, SDP-90-190, SDP-95-114. WP-05-99
   c. Proposed Use of Site or Structure(s): Hospital & Accessory Uses
   d. Proposed Water Systems: Public
2. AREA TABULATION:
   a. Total Project Area: 19.606 Acres (as indicated by Section and Area, and as shown on the Final Plat, or as shown on the Deed).
   b. Net Area of Site: 19.606 Acres (as indicated by Section and Area, and as shown on the Final Plat, or as shown on the Deed).
   c. Area of this Plan of Subdivision: 19.606 Acres.
   d. Limit of Disturbance: 3.96 Acres or 172800 Square Feet.
   e. Building Coverage of Site: (As Required by Zoning Regs): Lot Area= 19.606 ac. Existing Building Coverage= 1.74 ac. Exist. Building Coverage= 0.67 ac. Exist. Psychiatric Addition Building Coverage= 0.03 ac. Total Building Coverage= 2.44 ac. or 12.45%
3. PARKING SPACE DATA

a. Number of Parking Spaces Required by the Zoning Regulations and/or FDP Criteria:	898
b. Total Number of regular Parking Spaces Provided on-Site:	988
c. Number of Handicap Parking Spaces Provided:	32
d. Number of VAN Parking Spaces Provided:	10
e. Number of ambulance and police Parking Spaces Provided:	9
Total Number of Parking Spaces Provided on-Site:	1039

BREAK DOWN OF REQUIRED PARKING SPACES:

NOTE: PARKING CALCULATIONS ARE BASED ON SECTION 133 OF THE ZONING REGULATIONS

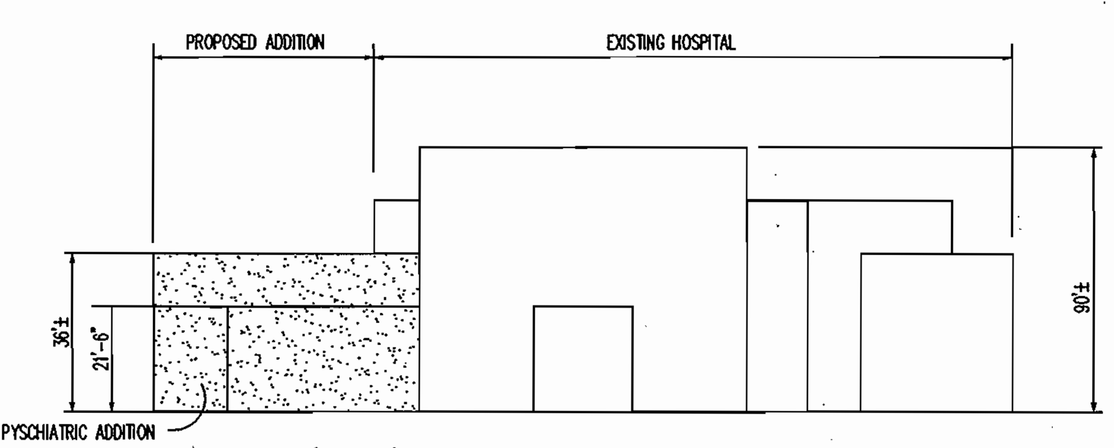
EXISTING HOSPITAL		
1. PATIENT BEDS:	223 (1 Space/2 Beds):	112 Spaces
2. EMPLOYEES PER MAJOR SHIFT:	350 (1 Space/Employee):	350 Spaces
3. DR.'S TREATING OUTPATIENTS ON MAJOR SHIFT:	4 (4 Spaces/Doctor):	16 Spaces
EXISITNG AMBULATORY SURGERY CENTER		
1. EMPLOYEES PER MAJOR SHIFT:	80 (1 Space/Employee):	80 Spaces
2. DR.'S TREATING OUTPATIENTS:	13 (4 Spaces/Doctor):	52 Spaces
PROPOSED EMERGENCY DEPARTMENT ADDITION		
1. EMPLOYEES PER SHIFT:	40 (1 Space/Employee):	40 Spaces
2. DR.'S TREATING OUTPATIENTS:	20 (4 Spaces/Doctor):	80 Spaces
EXISITNG VERTICAL EXPANSION		
1. EMPLOYEES PER MAJOR SHIFT:	50 (1 Space/Employee):	50 Spaces
2. DR.'S TREATING OUTPATIENTS:	8 (4 Spaces/Doctor):	32 Spaces
EXISTING DOCTOR'S OFFICES (24,000 s.f.)		
1. EMPLOYEES PER MAJOR SHIFT:	50 (1 Space/Employee):	50 Spaces
2. DR.'S TREATING OUTPATIENTS:	24 (4 Spaces/Doctor):	96 Spaces
TOTAL REQUIRED PARKING		958 Spaces

PARKING SPACE DATA (EXISTING VS. PROPOSED)

NUMBER OF SPACES EXISTING (PRE CONSTRUCTION)	1039 SPACES
NUMBER OF SPACES (LOST TO CONSTRUCTION)	22 SPACES
NUMBER OF SPACES (GAINED PER CONSTRUCTION)	0 SPACES
Total Number of Parking Spaces Provided on-Site:	1027 SPACES

GENERAL NOTES:

1. "A Building Permit for the Proposed 1670 sf Pychiatric Addition shall be applied for within one (1) year measured from the D.E.D. Approval Letter for this request".
2. This project is subject to WP-05-99 for a waiver from Sections 16.119 and 16.120(a)(2) of the Regulations to allow direct access onto a restricted minor arterial road, Cedar Lane for relocated main entrance and to establish a dedicated delivery service circular entrance as approved on April 4, 2005.
3. "A grading permit for the proposed site work including the new relocated entrances and loading dock area relocated oxygen tank and landscape modifications shall be applied for within one (1) year from the approval for this red-line revision request.
4. This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.



BUILDING ELEVATION (SOUTH)

NOT TO SCALE

GENERAL BENCH MARK INFORMATION:

ELEVATIONS HEREON ARE BASED UPON THE GRID MERIDIAN OF THE MARYLAND COORDINATE SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL SYSTEM:

2639003
3/4" IRON BAR ELEVATION = 479.559
LOCATED SOUTH OF LITTLE PATUXENT PARKWAY
12.1 FEET FROM THE FACE OF CONCRETE CURB, 0.16 MILES EAST OF CEDAR LANE

BM#1: GRID POINT NUMBER B-3; A PK NAIL IN THE BITUMINOUS CONCRETE PAVED DRIVEWAY ENTRANCE, ELEVATION = 474.73, 1929 U.S.C.G.S. GENERAL DATUM.

BM#2: GRID POINT NUMBER F-3; A PK NAIL IN THE BITUMINOUS CONCRETE PAVED DOCTOR'S PARKING LOT, WEST OF THE MAIN BUILDING, ELEVATION = 470.44, 1929 U.S.C.G.S. GENERAL DATUM.

BM#3: SQUARE CUT IN TOP OF SOUTHEAST CORNER OF CONCRETE PEDESTAL LIGHT BASE IN THE MAIN PARKING LOT, SOUTHEAST SECTION, ELEVATION = 463.79, 1929 U.S.C.G.S. GENERAL DATUM.

REFERENCE: S90-32, AA-90-09, WP-90-106, BA-9036V, SDP-86-269, SDP-86-207, SDP-85-17, FDP-83, F-76-101, F-91-65, SDP-90-190, SDP-94-04, AA-95-23.

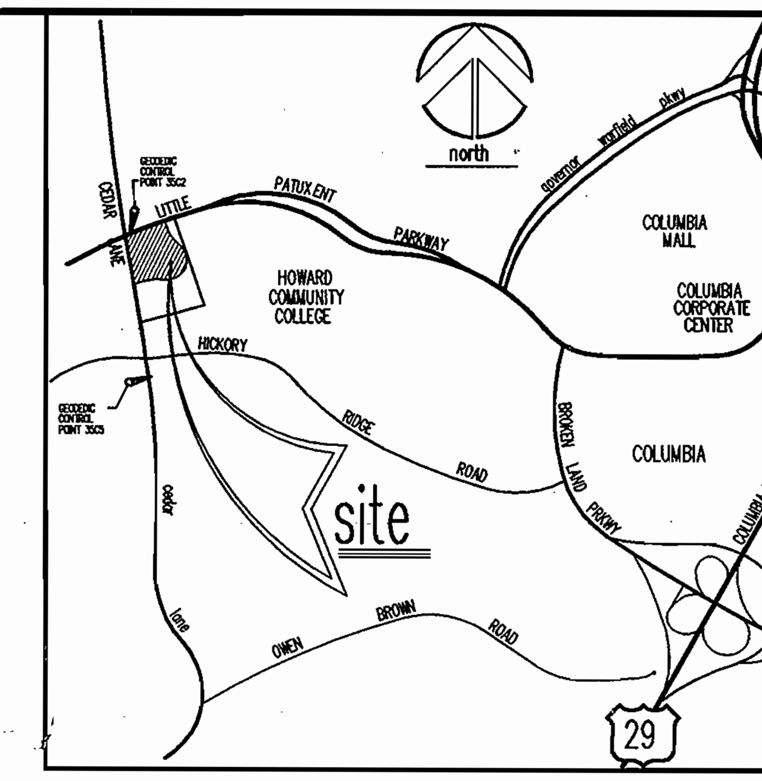
NOTE: ON AUGUST 3, 1995, AN ADMINISTRATIVE ADJUSTMENT TO ALLOW FOR THE INCREASE IN THE MAXIMUM ALLOWABLE HEIGHT FROM 80 FEET TO 96 FEET, FOR A PARAPET AND PENTHOUSE WAS GRANTED.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS M.S.H.A. STANDARDS AND SPECIFICATIONS IF APPLICABLE.
2. Approximate locations of existing utilities are shown from available utility records and information. The contractor shall take all necessary precautions required to protect any existing utilities and maintain uninterrupted service. Any damage incurred due to the contractor's operations shall be repaired immediately at the contractor's sole expense.
3. The contractor shall test pit, by hand, all existing utility crossings at least five (5) days prior to the START OF construction as shown on these drawings, to verify their location and elevation. The contractor SHALL NOTIFY THE engineer immediately if locations and/or elevations are other than shown.
4. The contractor shall notify the following utility companies or agencies at least five (5) working days PRIOR TO start of construction for any work shown on these drawings:

MISS UTILITY	1-800-257-7777
C& P TELEPHONE	410-725-9976
HOWARD COUNTY BUREAU OF UTILITIES	410-313-4900
AT&T CABLE LOCATION DIVISION	410-393-3553
BALTIMORE GAS & ELECTRIC COMPANY	410-685-0123
STATE HIGHWAY ADMINISTRATION	410-531-5533
HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION (24 hours notice prior to start of work)	410-313-1880

5. Existing topographic survey information was OBTAINED FROM FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS prepared by Daft McCune Walker, dated February 22, 1995, and supplemented by Joyce Engineering CORPORATION dated October 10, 1999.
6. All inlet structures shall be constructed in accordance with Howard County Standards or MSHA Standards AS specified on the structure schedule.
7. Operating existing valves, switches, services or start up of new services shall be coordinated with the OWNERS representative.
8. Required soil erosion and sediment control facilities shall be provided, installed and maintained as required.
9. The contractor shall carefully remove from the area to be disturbed all trees, shrubs and plant materials USING procedures recommended by the American Nurseryman's Association so as to maximize the continual survival and health of the materials. These trees, shrubs and plant materials shall be transported to a designated LOCATION on the owner's property and heeled into a mulch holding bed for future use by the owner in locations OTHER THAN those involved in the contract work, or permanently planted immediately at the direction of the LANDSCAPER architect or owner.
10. Where demolition is indicated on the drawings, it shall mean to completely demolish the feature, clear the AREAS of all debris and dispose of the material off-site at a legal dump-site. Abandon means to leave the FEATURE IN place and cut where required, and bulkhead all cut ends with a plug or cap or construct a minimum 9" THICK brick and mortar bulkhead conforming to the existing utility materials.
11. THE NEW TOWN ZONED PORTION OF THIS PROPERTY IS EXEMPT FROM THE FOREST CONSERVATION (FC) ORDINANCE IN ACCORDANCE WITH SECTION 16.1202 [B] [I] [IV]
12. THE POR ZONED PORTION OF THIS PROPERTY IS EXEMPT FROM THE FOREST CONSERVATION (FC) ORDINANCE IN ACCORDANCE WITH SECTION 16.1202 [b] [I] [iii]
13. THERE ARE NO KNOWN CEMETERIES OR BURIAL GROUNDS ON THIS SITE.
14. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
15. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
16. ALL CURB RADII ARE 5' UNLESS OTHERWISE NOTED.
17. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVISES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE TO THE PLACEMENT OF ANY ASPHALT.
18. THERE IS NO FLOODPLAIN ON-SITE.
19. THERE ARE NO WETLANDS ON THIS SITE.
20. THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP, DATED 03/04/99 AND WAS APPROVED ON:
21. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODEDIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NUMBERS 35C2 AND 35C5 WERE USED FOR THIS PROJECT.
22. WATER IS PRIVATE FOR DOMESTIC, AND PUBLIC FOR FIRE, CONTRACT #44-1558 D
23. SEWER IS PRIVATE
24. STORMWATER MANAGEMENT IS PROVIDED BY AN ON-SITE STORM WATER MANAGEMENT POND BUILT PER SDP-95-114 AND IS OWNED AND MAINTAINED BY THE HOWARD COUNTY GENERAL HOSPITAL.
25. THE FOLLOWING NOTES SHALL APPLY TO THE TEMPORARY CONSTRUCTION ACCESS TO LITTLE PATUXENT PARKWAY:
   A) THE TEMPORARY CONSTRUCTION ACCESS TO LITTLE PATUXENT PARKWAY SHALL BE USED FOR CONSTRUCTION DELIVERIES ONLY. CONSTRUCTION WORKERS SHALL PARK ELSEWHERE ON THE SITE.
   B) CONSTRUCTION TRAFFIC WILL NOT BE ALLOWED TO DO THE "U-TURN" MANEUVER AT THE INTERSECTION OF LITTLE PATUXENT PARKWAY/CEDAR LANE. CONSTRUCTION TRAFFIC SHALL BE ROUTED TO HEAD NORTH ON CEDAR LANE THEN TURN RIGHT AT LITTLE PATUXENT PARKWAY AND RIGHT ONTO THE ACCESS. FLAG MEN WILL BE REQUIRED AS NECESSARY. DELIVERIES SHALL BE MADE DURING NON-PEAK TRAFFIC HOURS WHERE POSSIBLE.
   C) PROVIDE A STABILIZED CONSTRUCTION ENTRANCE. THE ACCESS SHALL BE GATED OR CHAINED TO PREVENT UNAUTHORIZED USE.
   D) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE REPAIRS TO THE CURB AND GUTTER, GRASS, AND OTHER APPURTENANCES WITHIN THE COUNTY RIGHT-OF-WAY THAT MAY BE DISTURBED AS RESULT OF THIS ACCESS.
   E) PARKING SHALL BE RESTRICTED ALONG LITTLE PATUXENT PARKWAY EXCEPT IN INSTANCES WHERE A CONTINUOUS WORK EFFORT IS INVOLVED SUCH AS A LARGE CONCRETE POUR.
   F) PROVIDE APPROPRIATE SIGNAGE ON APPROACH ROADWAYS. PLEASE COORDINATE WITH THE TRAFFIC ENGINEERING DIVISION OF THE BUREAU OF ENGINEERING FOR SIGNING DETAILS. THEY MAY BE REACHED AT 410 313-3059 AT YOUR CONVENIENCE.



LOCATION MAP

PLAN SCALE: 1"=2000'

PURPOSE STATEMENT

IN ACCORDANCE WITH THE SEPT. 22, 2006 LETTER BY THE HOWARD COUNTY DEPT. OF PLANNING, ZONING, & DEVELOPMENT ENGINEERING DIVISION, THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO RELOCATE THE MAIN ENTRANCE ON CEDAR LANE PROVIDE DEDICATED LOADING DOCK ACCESS ALONG CEDAR LANE FOR SERVICE AND DELIVERY VEHICLES AND TO RELOCATE OXYGEN TANK.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

[signature] 10/25/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[signature] 11/8/06
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[signature] 11/8/06
DIRECTOR DATE

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PROJECT

HOWARD COUNTY GENERAL HOSPITAL
EMERGENCY ROOM ADDITION

OWNER/DEVELOPER/APPLICANT
HOWARD COUNTY GENERAL HOSPITAL INC.
5755 CEDAR LANE
COLUMBIA, MARYLAND 21044
PHONE: 410-740-7962
ATTN: BETH PLAVNER

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TEL: (301) 595-4353 FAX: (301) 595-4650

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ADDRESS CHART

LOT/PARCEL	STREET ADDRESS
4/276	5755 CEDAR LANE COLUMBIA, MARYLAND 21044

~~MAY 30, 2000~~ 17 OCT. 2006
DATE

STATE OF MARYLAND MATHEW E. J... No. 27729 PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER. NO. ~~12243~~ 27729

PERMIT INFORMATION CHART

SUBDIVISION TOWN CENTER	SECTION/AREA 8 / 2		LOT/PARCEL # 4/276
PLAT# OR L/F 18628	TAX/ZONE MAP 35 NT/POR	ELECT. DISTRICT 5TH	CENSUS TRACT 6053.02
WATER CODE 106	SEWER CODE 5522500		

TITLE

COVER SHEET
SITE DEVELOPMENT PLAN

DES BY WAJ	SCALE AS SHOWN	PROJ. NO. 99-015
DRN BY HAL	DATE NOVEMBER 1999	1 OF 14
CHK BY WAJ	APPROVED	

PLOT DATE: 05/08/06
FILE: R:\DWG\99015\99015COV.DWG

SDP-00-72