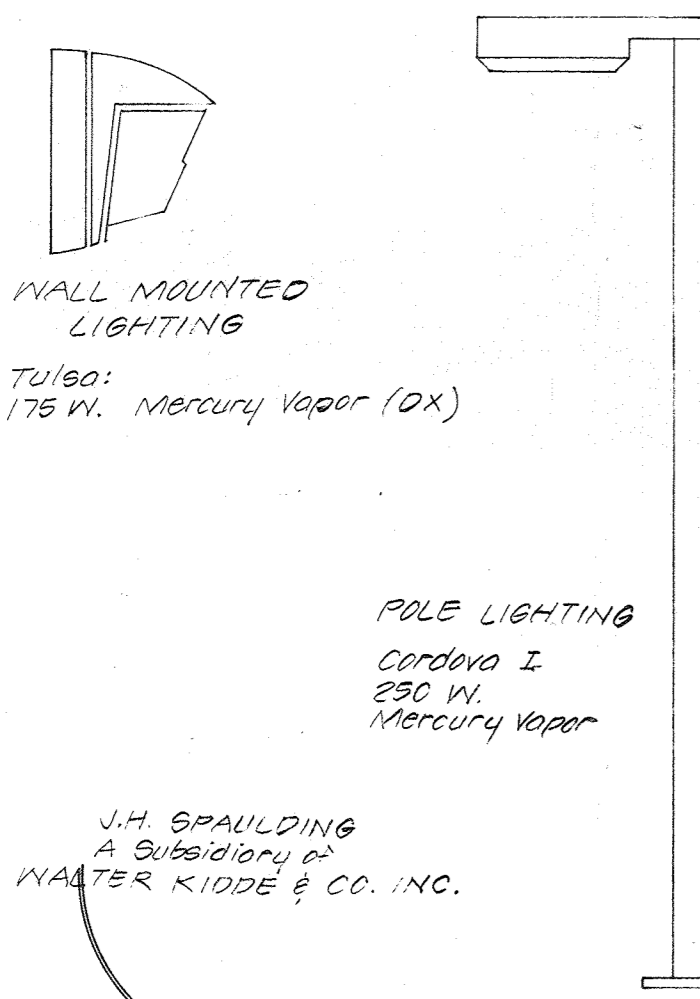
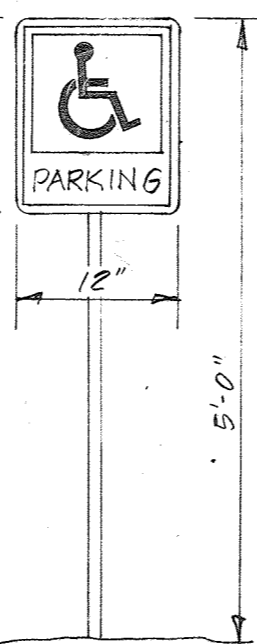
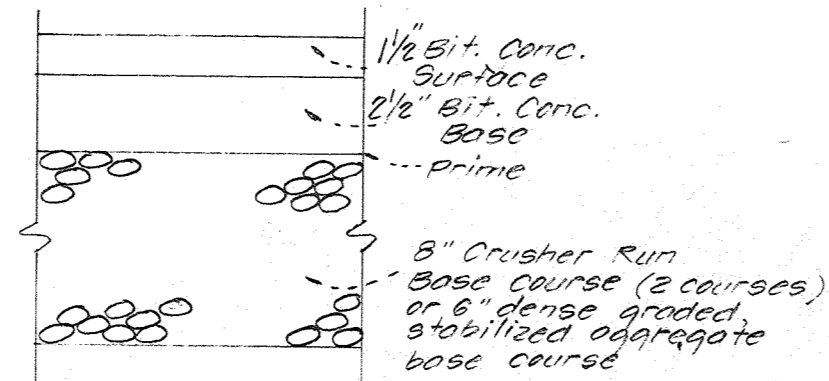


**LIGHTING DETAILS**



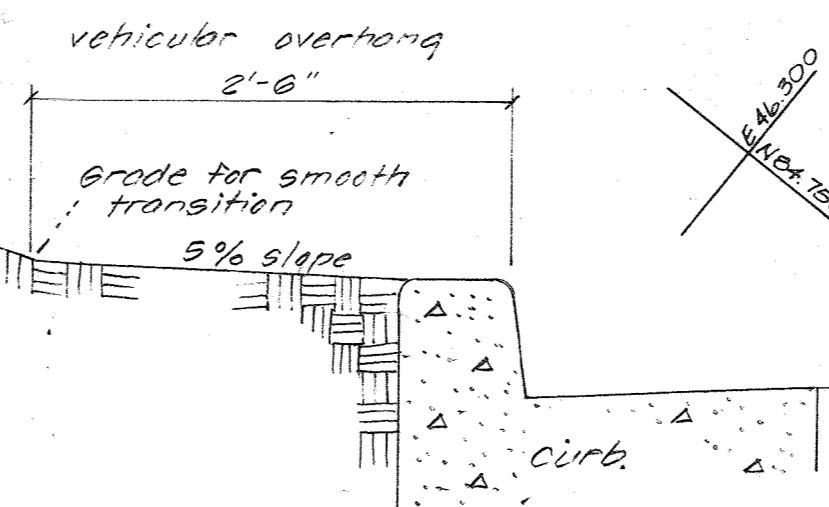
**PARKING AREAS & TRAVELWAYS  
PAVING SECTION  
P2 GRANULAR BASE ALTERNATE**



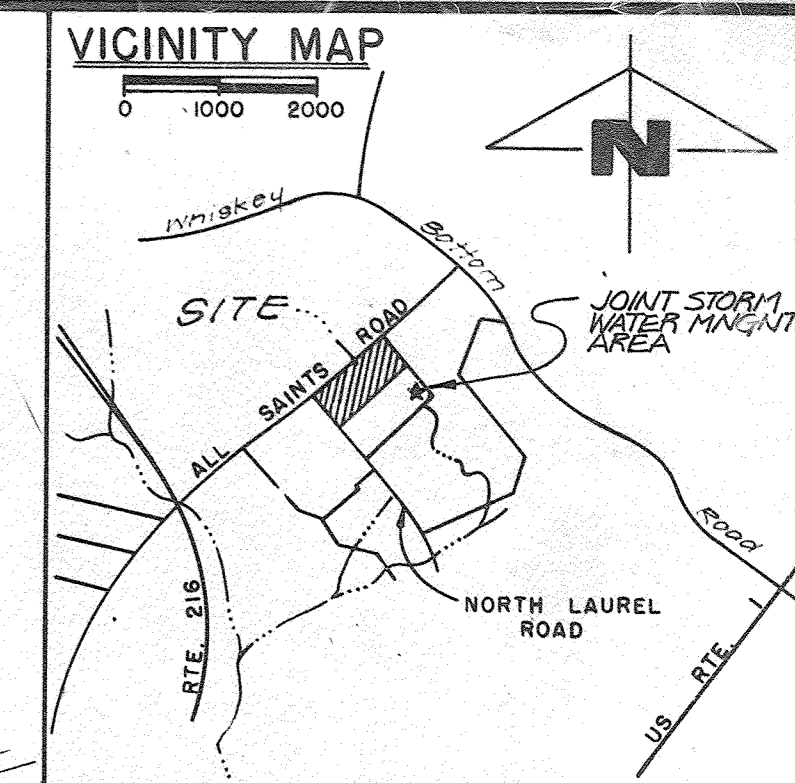
Note: One sign per space  
White Image on  
Blue Background

SIGN FOR HANDICAPPED  
PARKING  
(USE R7-8 of MSHA)

**TYPICAL BERM TREATMENT  
(BETWEEN STREET AND PARKING LOT)**

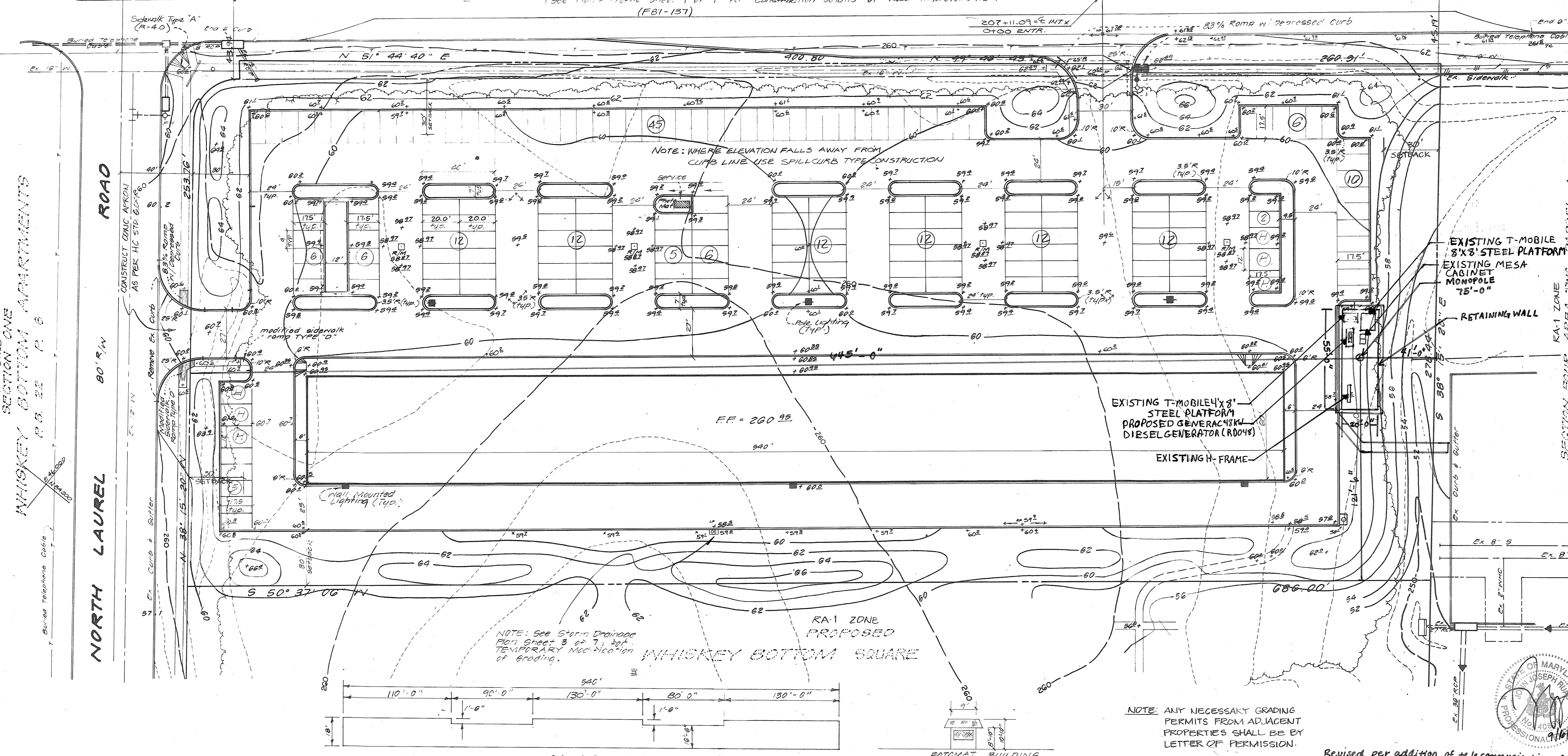


HANDICAPPED RAMPS AT BLDG.



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 9-9-81

**ALL SAINTS ROAD 80' R/W**



- NOTES**
- Subject property was previously zoned SC per comprehensive Zoning Plan, 10-3-77
  - Plot subject to V.P. 81-26, 881-20 Record Plat Ref. No. 81-157
  - Property currently zoned B-1 per ZB Case # 753
  - Tax Map and Zoning No. 47 (North Laurel Community)
  - Area 4.38 acres.
  - Dedication 0.08 acres (proposed)
  - Proposed Shopping Center  
GFA = 32,400 sq. ft.  
Parking  
Required = 103 spaces (includes one space for disabled)  
Provided = 109 spaces
  - Structural Coverage 32,400 sq. ft.
  - Open Space 53,900 sq. ft. (26.5%)
  - Parking Lot Area 101,600 sq. ft.
  - Landscaped Islands  
Area 8,100 sq. ft.  
Percent 8% of parking lot area
- The following notes are in accordance with the Howard Co. Std. Specs. & details for construction and will be used in this development.
- Concrete Sidewalk - R-305
  - Standard 7" cemb. curb & gutter - R-3.01
  - Sidewalk ramps - Type "A" (R-4.01) and modified Type "D" (R-4.04). All others @ 3.3% slope w/ depressed curb.
  - Road Sections:  
North Laurel Rd. - minor collector street R-1.03  
All Saints Rd. - major collector street R-1.04  
North Laurel Road Commercial Entrance - Concrete Apron R-6.09
  - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HRS. IN ADVANCE OF COMMENCEMENT OF WORK AT 992-2417 OR 992-2415.
  - Water and Sewer service to these lots will be granted under the provisions of Section 10, 102B of the Howard County Code.
8. (H) indicates parking for the handicapped  
9. TOTAL LOD 2,412 Sq. Ft. (see page 8 of 10, C-1)

RA-1 ZONE  
SECTION ONE  
WHISKEY BOTTOM APARTMENTS  
P.B. 22 P. 6

NO.	BY	DATE	REVISIONS
2	NB	3/1/82	ADDED GENERATOR AND EXIST. EQUIPMENT
1	JTR	08-03-81	REVISED SITE PLAN

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
DATE: 11-6-81

APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.  
DATE: 11-9-81

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS. HOWARD CO. DEPT. OF PUBLIC WORKS.  
DATE: 11-3-81

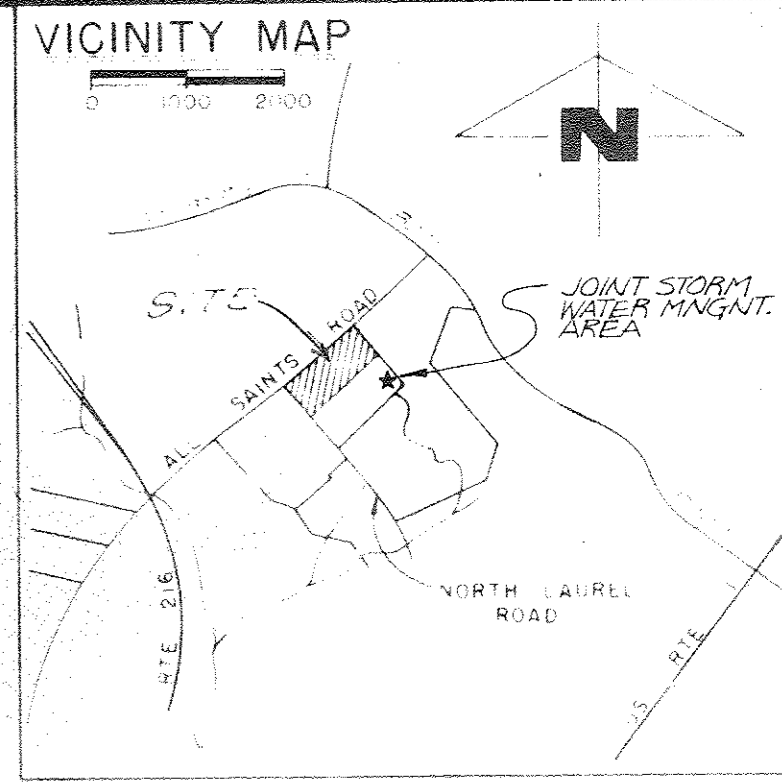
**Johnson, Mirmiran & Thompson, P. A.**  
ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS  
1751 ELTON ROAD • SILVER SPRING, MARYLAND • 20903 • (301)434-7000  
VIENNA, VA. • BALTIMORE, MD.

TAX: 0047  
PARCEL: 0147  
ZONING: B-1  
DISTRICT:  
ADC MAP: 4, C-6

**SITE DEVELOPMENT PLAN  
WHISKEY BOTTOM  
SHOPPING CENTER**  
AND TELECOMMUNICATION TOWER  
GUILFORD (6TH) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER: I-95 Enterprises  
A Limited Partnership  
c/o Holladay Corporation  
1720 Wisconsin Avenue  
Washington, D.C. 20007  
DESIGN: RJA SHEET 1 OF 10  
DATE: 8-20-81  
SCALE: 1" = 30'  
JOB NO: 8-108-21  
FILE NO: 8-108-22E

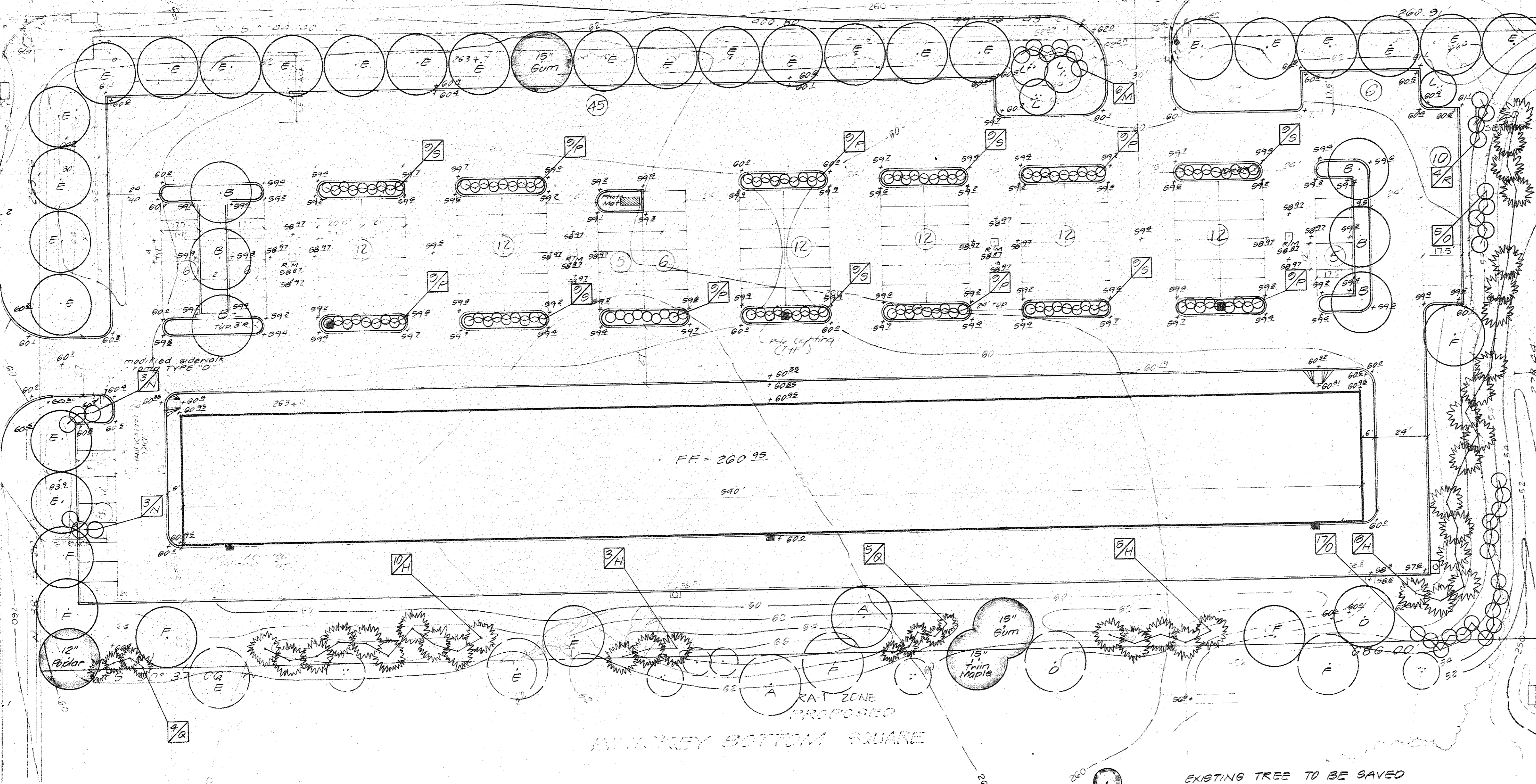
APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-81



RA-1 ZONE  
PARCEL A  
CREATION DATE  
TITLE: LANDSCAPE PLAN

ALL SAINTS ROAD

NORTH LAUREL ROAD



\*PLANT SCHEDULE  
OVERALL PLAN

KEY	BOTANICAL NAME	COMMON NAME	SIZE	METHOD	SPACING	QUANTITY
<b>MAJOR TREES: DECIDUOUS</b>						
A	Liquidambar styraciflua	Sweet Gum	24" cal.	B + B		12
B	Acer platanoides	Summershade Norway Maple	24" cal.	B + B		15
C	Salix babylonica	Babylon Weeping Willow	10'-12'	B + B		10
D	Tilia cordata	Greenspire Linden	24" cal.	B + B		9
E	Acer saccharum	Sugar Maple	24" cal.	B + B		43
F	Quercus palustris	Pin Oak	24" cal.	B + B		8
<b>MAJOR TREES: CONIFEROUS</b>						
G	Pinus nigra	Austrian Pine	5'-6'	B + B	12 O.C.	7
H	Pinus strobus	White Pine	6'-8'	B + B	12 O.C.	70
<b>MINOR TREES: DECIDUOUS</b>						
I	Acer palmatum	Bloodleaf Japanese Maple	5'-6'	B + B		7
J	Cornus florida	White Flowering Dogwood	7'-8'	B + B		10
K	Cornus florida rubra	Pink Flowering Dogwood	7'-8'	B + B		8
L	Prunus serrulata	Kwanzan Japanese Cherry	7'-8'	B + B		11
<b>SHRUBS:</b>						
M	Berberis julianae	Wintergreen Barberry	24"-30"	B + B	4' O.C.	8
N	Euonymus alatus	Winged Euonymus	24"-30"	B + B	6' O.C.	6
O	Forsythia suspensa	Weeping Forsythia	3'-4"	B + B	7' O.C.	62
P	Ilex crenata compacta	Compact Japanese Holly	18"-24"	B + B	4' O.C.	99
Q	Juniperus chinensis glauca	Metz Juniper	30"-36"	B + B	7' O.C.	9
R	Pyracantha coccinea	Laland Scarlet Firethorn	2'-3'	B + B	6' O.C.	19
S	Juniperus pfitzeriana compacta	Compact Pfitzer Juniper	18"-24"	B + B	4' O.C.	54

EXISTING TREE TO BE SAVED  
PROPOSED TREE  
PROPOSED TREE ON ADJACENT PROPERTY

STATE OF MARYLAND  
OFFICE OF LAND & WATER RESOURCES  
LANDSCAPE ARCHITECTS  
10-6-81

WHISKEY BOTTOM SHOPPING CENTER, PARCEL A - F81-137

NO	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
DATE 11-6-81  
J. M. ...

APPROVED HOWARD CO OFFICE OF PLANNING AND ZONING.  
DATE 11-9-81  
D. ...

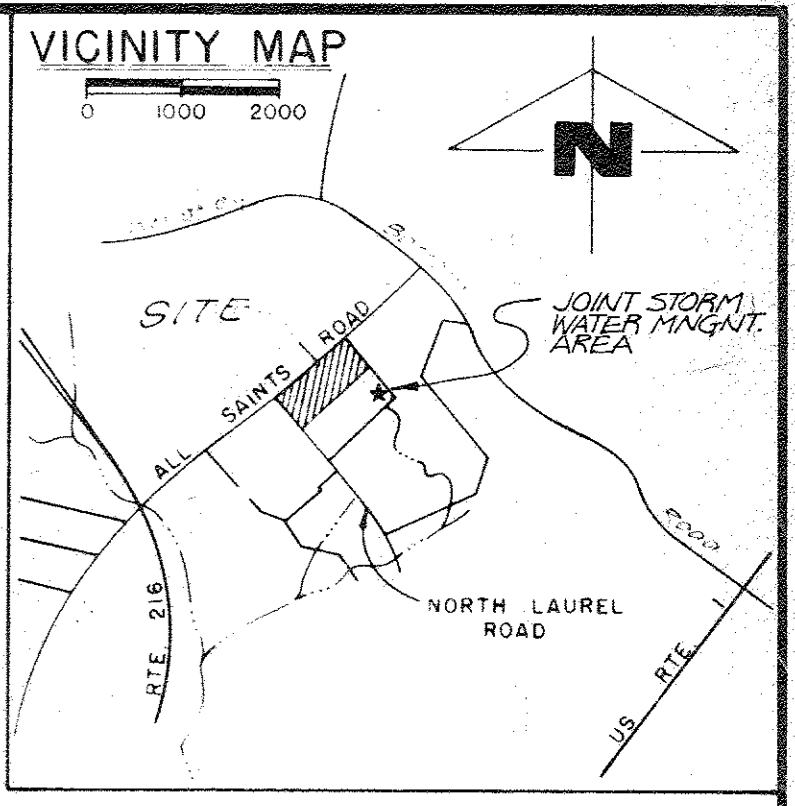
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.  
DATE 11-3-81  
J. ...

Johnson, Mirmiran & Thompson, P. A.  
ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS  
1751 ELLTON ROAD • STEVEN SPRING, MARYLAND 20993 • (301) 434-7000  
VIENNA, VA • BALTIMORE, MD

LANDSCAPE PLAN  
**WHISKEY BOTTOM SHOPPING CENTER**  
GUILFORD (6TH) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER: I-95 Enterprises A Limited Partnership  
DESIGN: AOC SHEET 2 OF 10  
DRAFT: Larry DATE: Sept, 1981 JOB NO: 9-108-83  
APPROVED: RJA SCALE: 1" = 30' FILE NO: 9-108-83 E

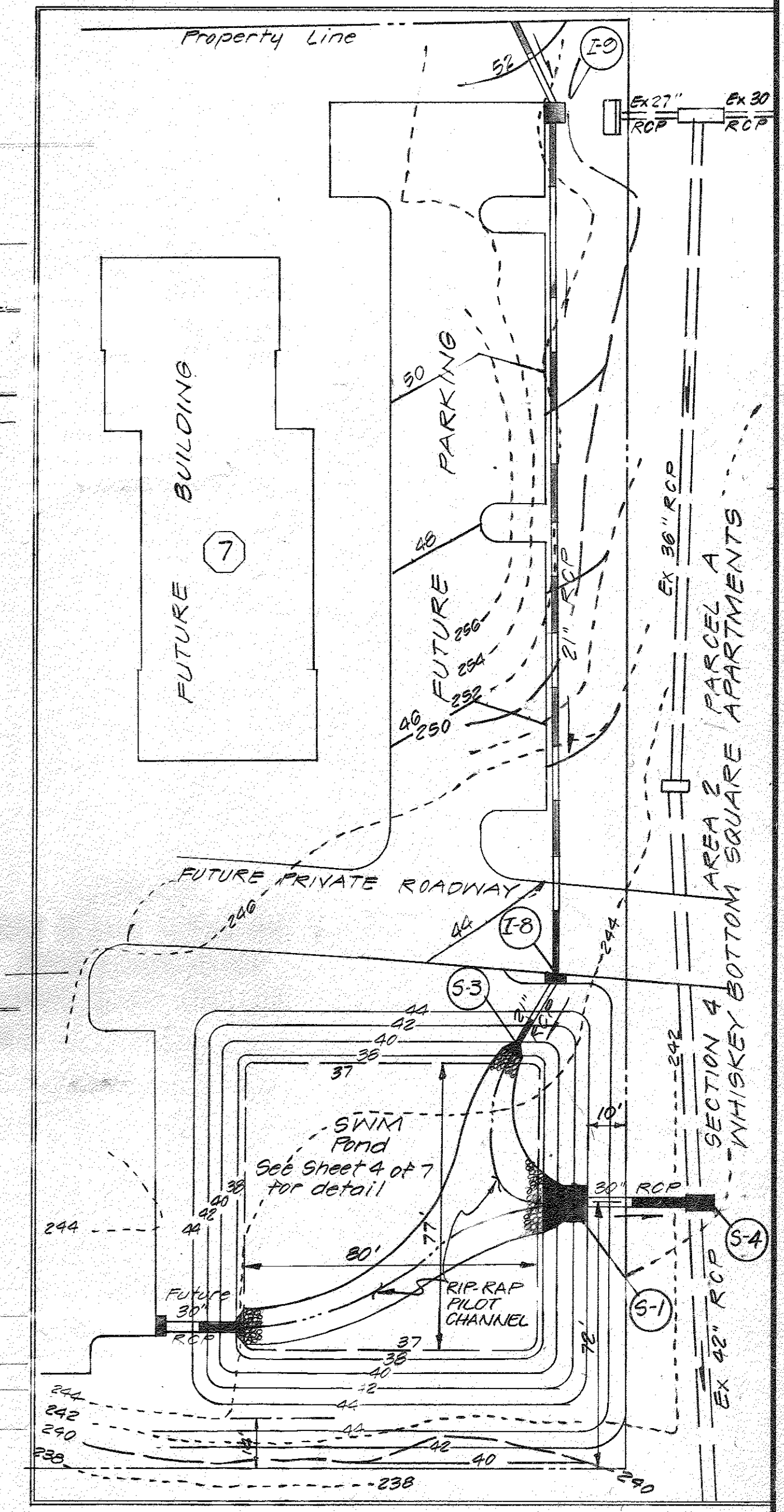
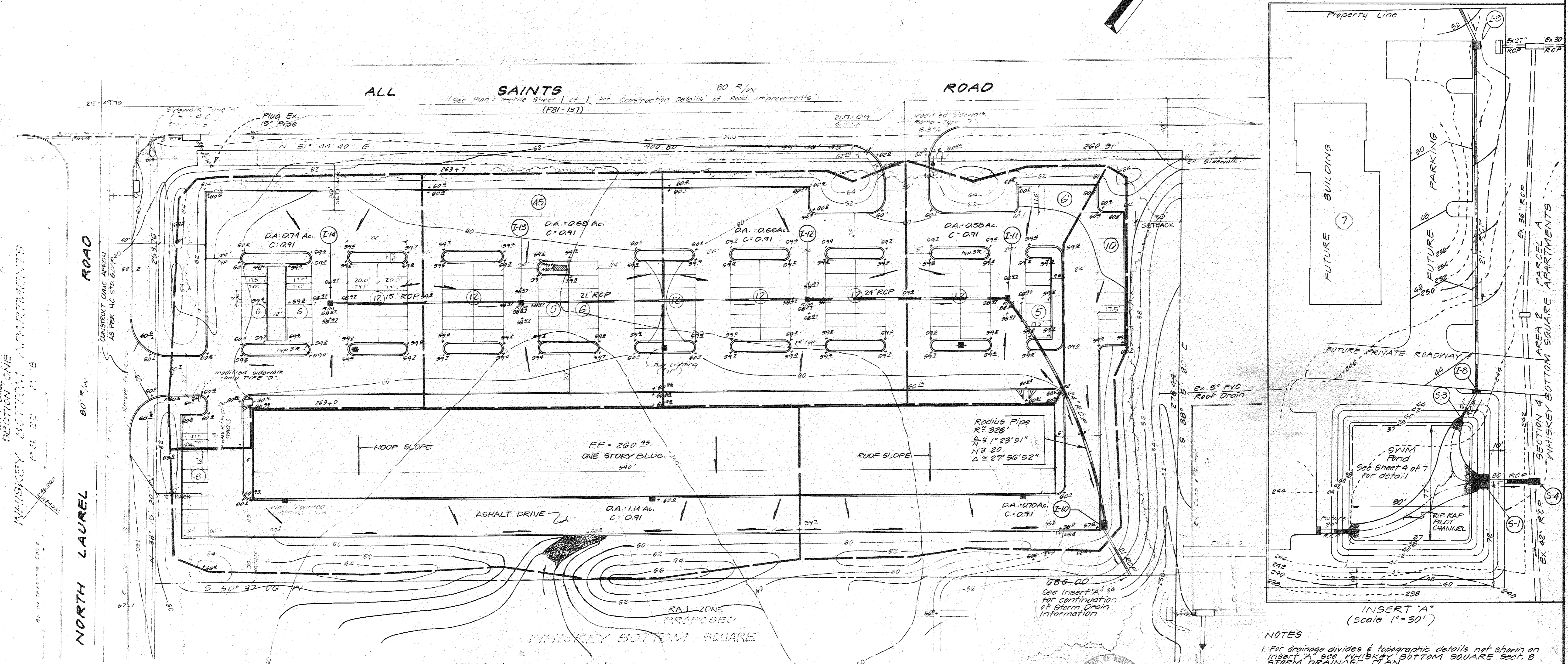
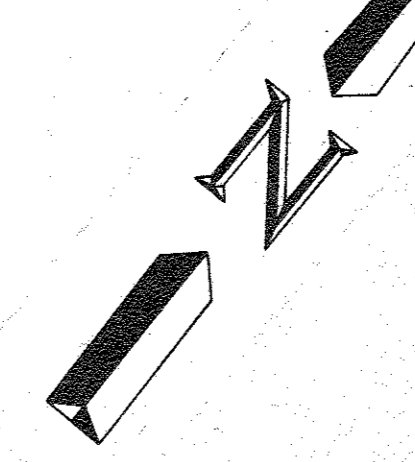
SDP-81-176



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-81  
*Jum*

RA-1 ZONE  
PARCEL A SECTION ONE  
TYLER BARRONS

N 46° 30'



NOTE: Provide a 15' curb cut w/ 30' WISMA on III R12-Road, ditch-out to ex. ground as shown.

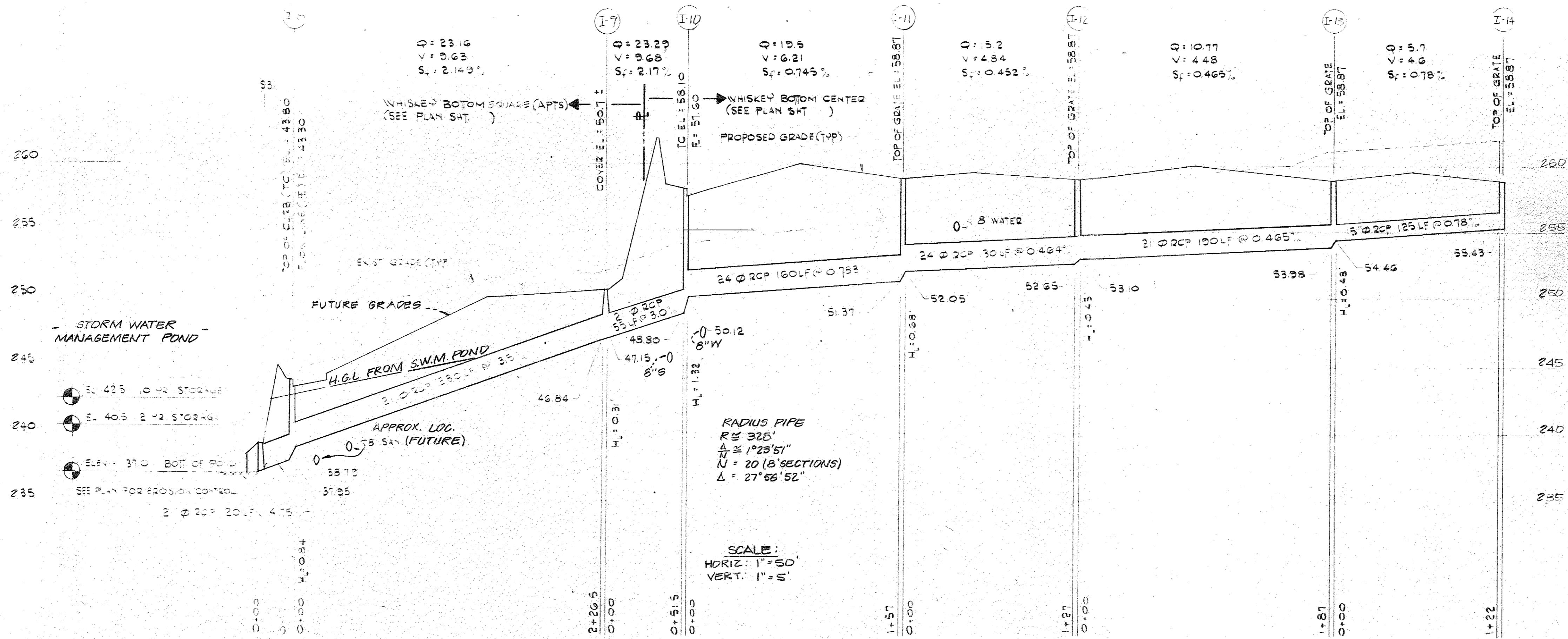
*Charles Thompson*  
10/6/81  
PROFESSIONAL ENGINEER

- NOTES
1. For drainage divides & topographic details not shown on insert see WHISKEY BOTTOM SQUARE Sect. B STORM DRAINAGE PLAN
  2. Protect all drainage structures shown on Insert A FROM SILTATION UNTIL DRAINAGE AREA IS STABILIZED.
  3. ALL CONSTRUCTION SHALL CONFORM TO HOWARD CO STANDARDS & SPECIFICATIONS.

WHISKEY BOTTOM SHOPPING CENTER, PARCEL A - F81-137

<p>APPROVED FOR PUBLIC WATER &amp; SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.</p> <p><i>Jayman Boy</i> 11-6-81 DATE</p>		<p>APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.</p> <p><i>Thomas L. Hamif</i> 11-9-81 PLANNING DIRECTOR DATE</p> <p><i>Bill Muehler</i> 11-6-81 CHIEF - DIV. OF LAND DEV. &amp; ZONING ADMIN. DATE</p>		<p>APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.</p> <p><i>James A. Lewis</i> 11/4/81 DIRECTOR DATE</p> <p><i>Walter L. Davis</i> 11-3-81 CHIEF - BUREAU OF ENGINEERING DATE</p>		<p><b>Johnson, Mirmiran &amp; Thompson, P. A.</b> ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS 1751 ELTON ROAD • SILVER SPRING, MARYLAND 20903 • (301) 434-7000 VIENNA, VA • BALTIMORE, MD</p>		<p><b>STORM DRAINAGE &amp; DRAINAGE DIVIDES</b> <b>WHISKEY BOTTOM SHOPPING CENTER</b> GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>		<p>OWNER: I-95 Enterprises A Limited Partnership C/O Holidays Corporation 1720 Wisconsin Avenue Washington, D.C. 20007</p> <p>DESIGN <i>JRLL</i> SHEET 3 OF 10 DRAF <i>Larry</i> DATE: 10/81 APPROVED <i>JRLL</i> SCALE: 1"=30' FILE NO: 8-108-22E</p>	
NO.	BY	DATE	REVISIONS								

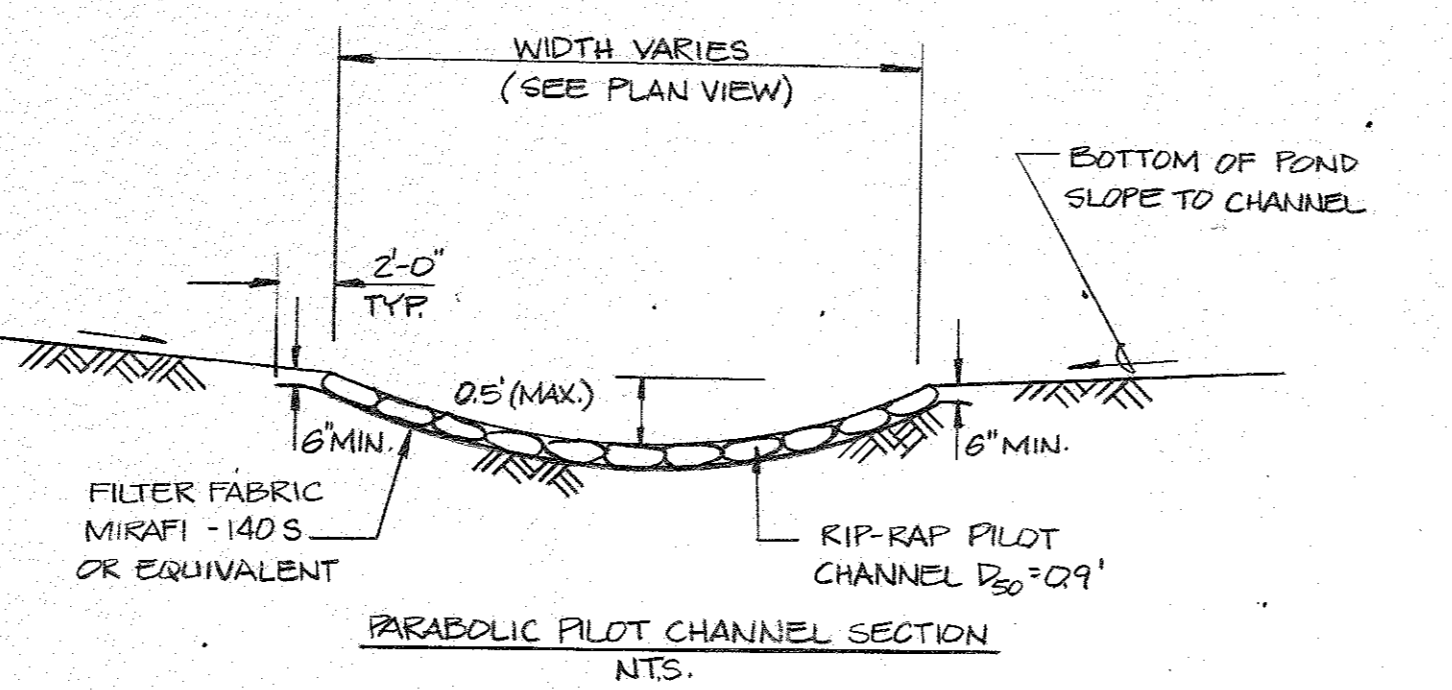
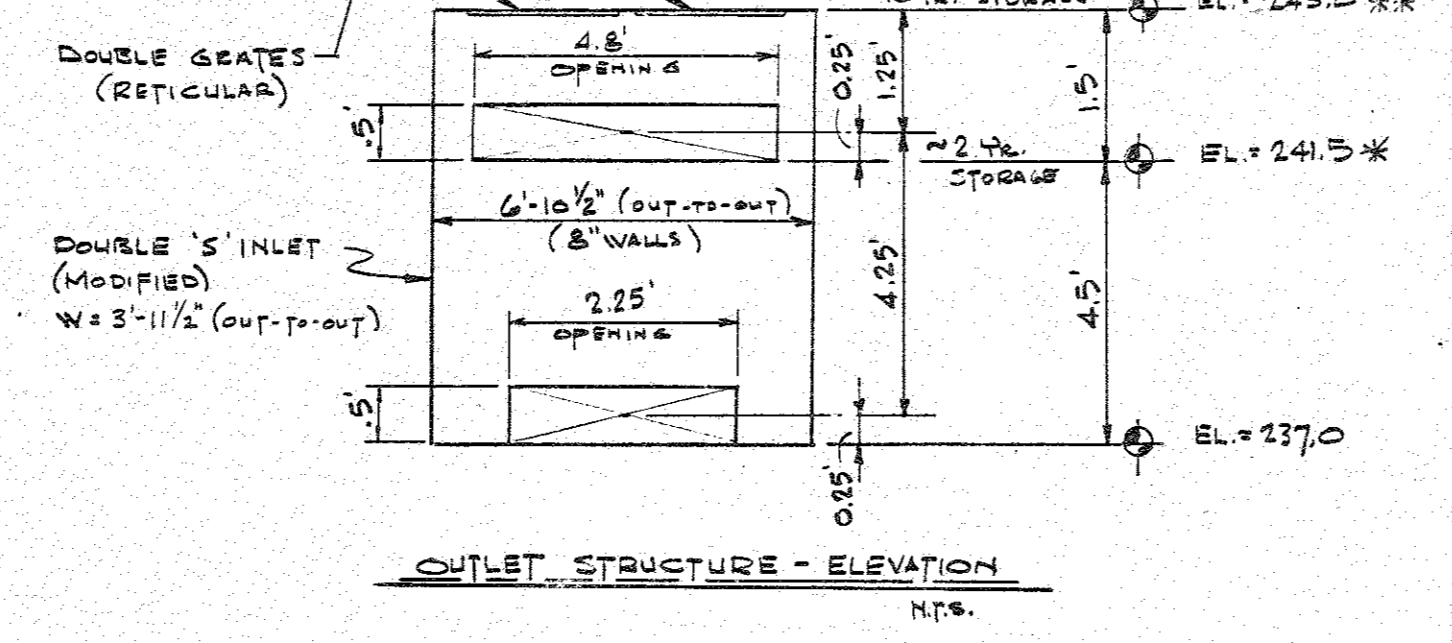
SDP-81-176



NO.	TYPE	W	REMARKS	H.C. STD.
14	S	2'-7 1/2"	HOWARD CO. STD. W/BIKE GRATE	4.22
13	S	2'-7 1/2"	" " " " " "	4.22
12	S	3'-0"	" " " " " "	4.22
11	S	3'-0"	" " " " " "	4.22
10	A-5	3'-0"	HOWARD CO. STD. W/ LIGHT DUTY FRAME & COVER	4.01
9	A-5	2'-6"	SAME AS NO. 10	4.01
8	S	2'-3 1/2"	SAME AS NO. 13	4.22
7	A-5	2'-6"	SAME AS NO. 9	4.01
6	A-5	2'-6"	SAME AS NO. 9	4.01
5	A-5	2'-6"	SAME AS NO. 9	4.01
4	S	2'-4 1/2"	SAME AS NO. 13	4.22
3	S	3'-0"	SAME AS NO. 13	4.22
2	A-5	3'-0"	SAME AS NO. 9	4.01
1	A-5	3'-0"	SAME AS NO. 9	4.01
9	A-5	3'-0"	HOWARD CO. STD. W/ LIGHT DUTY FRAME & COVER	4.01
M#2	A-3	4'-0"	PRECAST CONC. MANHOLE	3.02
S-1	DOUBLE S	2'-7 1/2"	MODIFIED - SEE DETAIL THIS SHEET	4.23
S-2	TYPE 'A' HEADWALL			5.11
S-3	TYPE 'A' HEADWALL			5.11
S-4	S DOUBLE GRATE	4'-10"		4.23

- NOTES:
- 1) ALL CONC. PIPE SHALL BE CLASS III UNLESS OTHERWISE SPECIFIED.
  - 2) ALL CONC. STRUCTURES SHALL BE CLASS 'A' CONC.
  - 3) FOR CLARITY THE PREFIX '2' HAS BEEN OMITTED FROM ELEVATIONS.
  - 4) MIN. 12" CLEARANCE BETWEEN STORM DRAINS & UTILITIES.
  - 5) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD CO. STDS. & SPECIFICATIONS.
  - 6) HYDRAULIC GRADE (H.G.L.) IS AT THE CROWN OF THE PIPE, UNLESS OTHERWISE INDICATED.

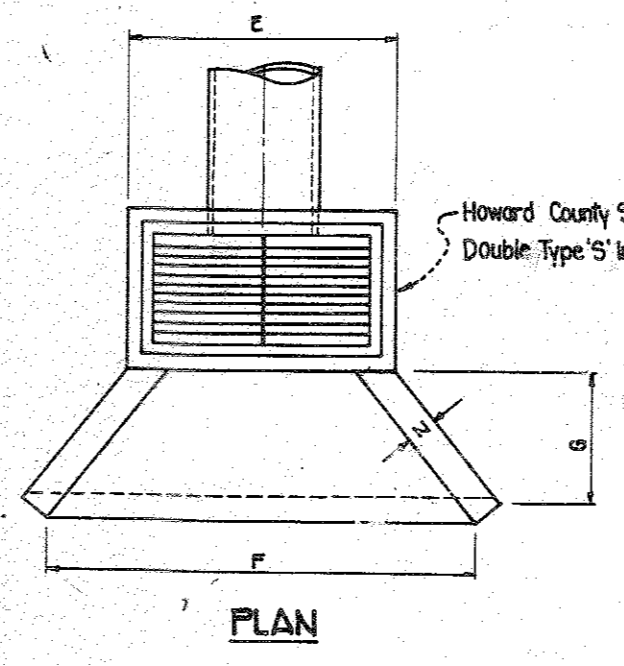
NOTE: DOUBLE GRATE WAS DESIGNED TO ACCOMMODATE THE 10 YR. ULTIMATE STORM, ALSO AS THE CALCULATIONS SHOW THE 100 YR. STORM HAS A PEAK DISCHARGE OF 54 CFS. USING ELEVATION-DISCHARGE CURVE THE ELEVATION AT 54 CFS IS APPROX. 0.4' BELOW EMERGENCY SPILLWAY ELEV. THIS, THE STRUCTURE COULD ACCOMMODATE 100 YR. STORM IF NECESSARY.



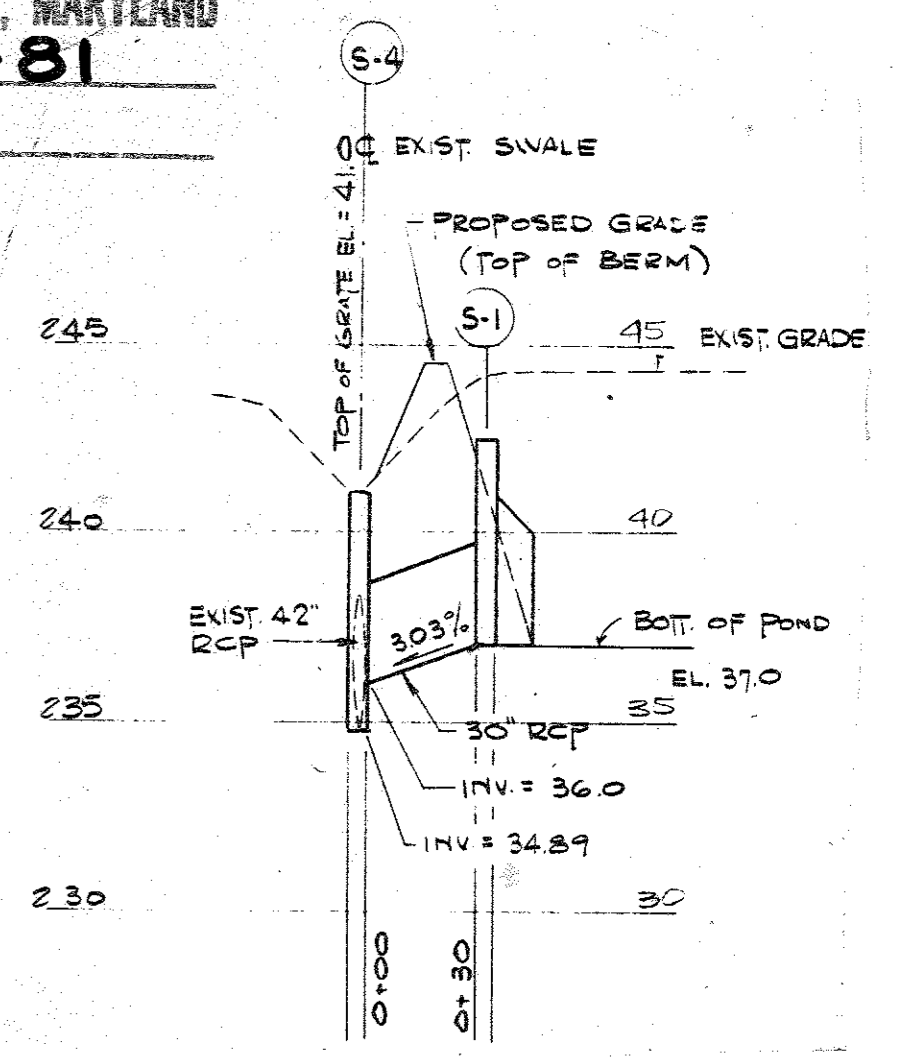
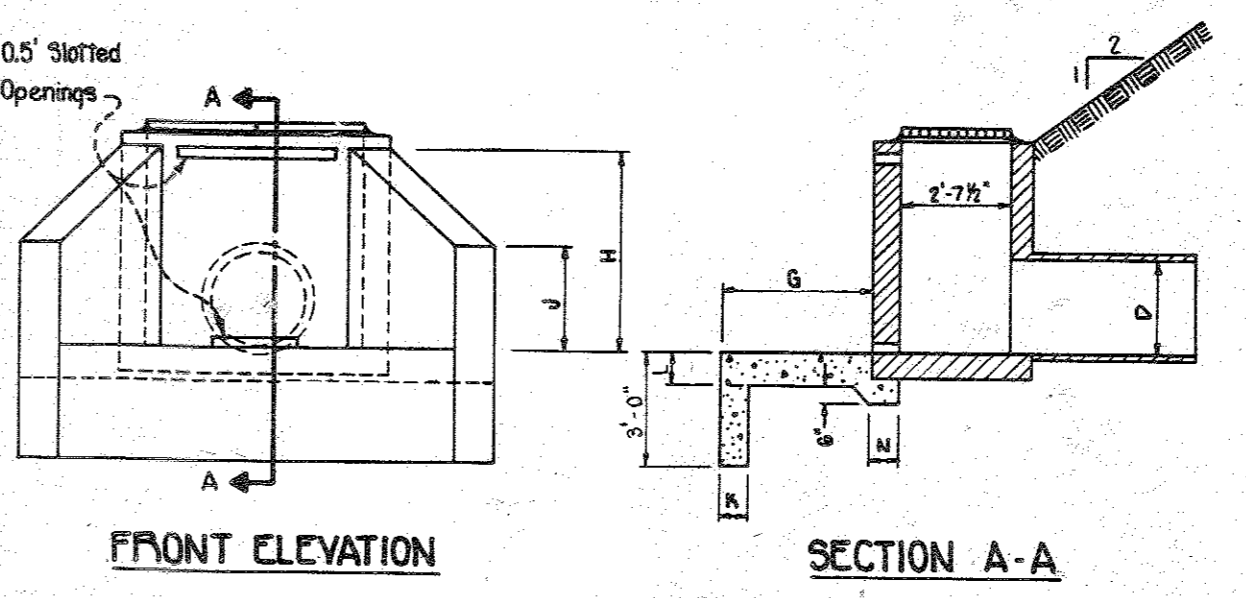
NOTE: THIS STORM WATER MANAGEMENT POND IS AN EXCAVATED FACILITY. THE PILOT CHANNEL WILL THEREFORE BE A CUT CHANNEL. AREAS ADJACENT TO PILOT CHANNEL SHOULD BE STABILIZED AS SOON AS POSSIBLE TO PRECLUDE UNDERCUTTING OF CHANNEL.

TYPE 'A' HEADWALL - MODIFIED

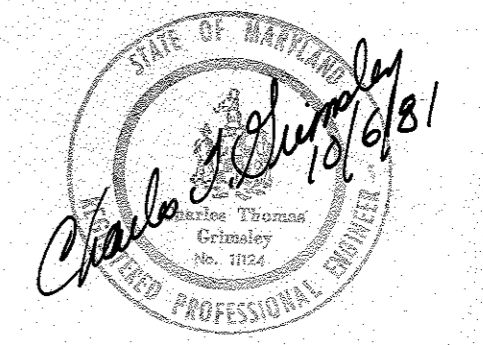
D	E	F	G	H	J	K	L	N	R
30"	6'-0"	11'-6"	4'-0"	5'-0"	2'-9"	8"	10"	10"	8" DC



- NOTES:
1. For details not shown for Type 'A' Headwall and Double Type 'S' Inlet, refer to Howard County Standard Details.
  2. Integrate Weirwalls and Apron to 'S' Inlet by extending reinforcing as 3 #12 O.C. C.W. in @ of walls into 'S' Inlet walls. Reinforcing continuous at corners. All laps 1'-4'.



APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-81



WHISKEY BOTTOM SHOPPING CENTER, PARCEL A - F81-137

NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
DATE 11-6-81

APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING  
DATE 11-9-81

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS, HOWARD CO. DEPT. OF PUBLIC WORKS  
DATE 11-4-81

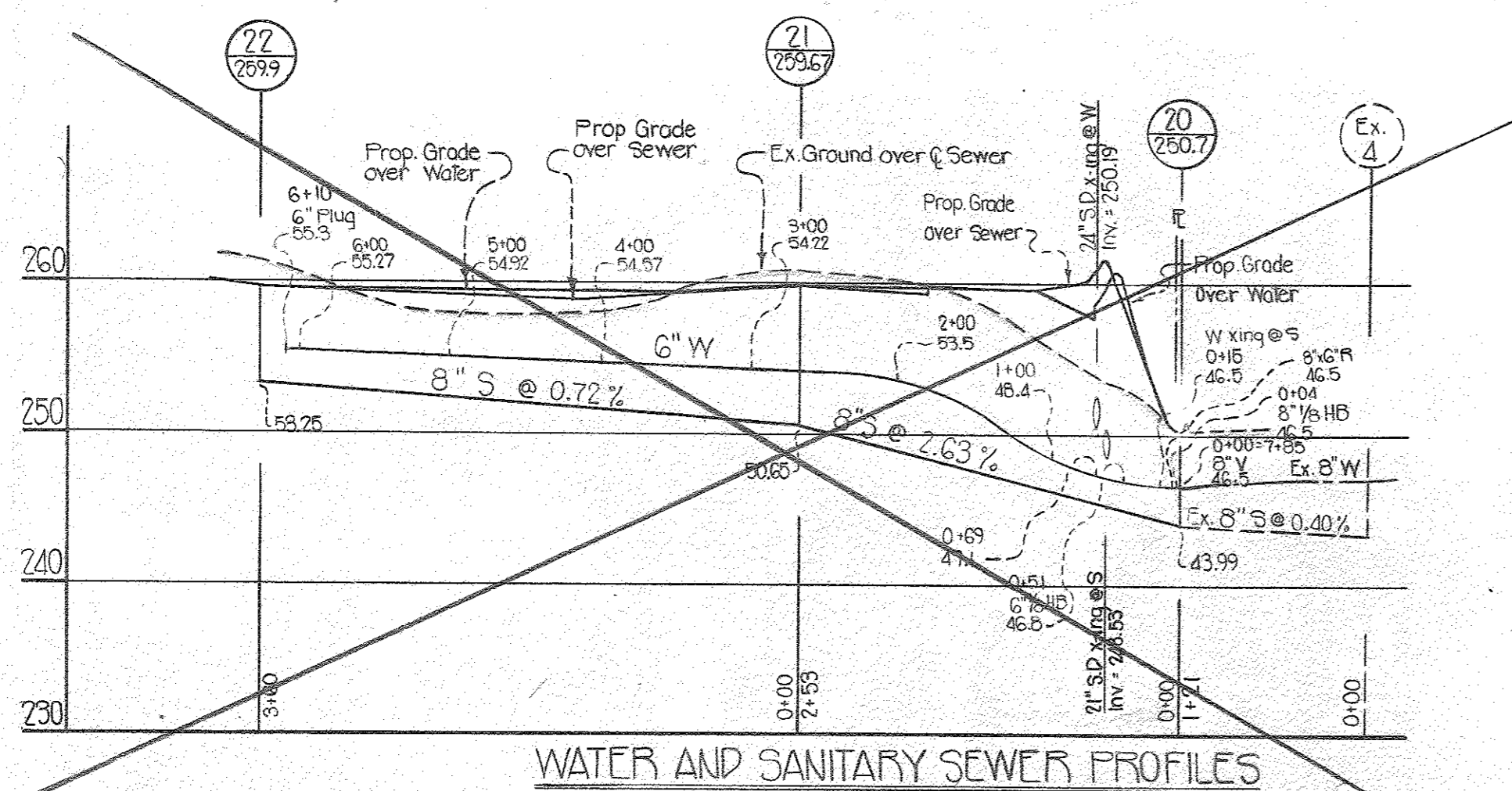
Johnson, Mirmiran & Thompson, P.A.  
ENGINEERS, PLANNERS, ARCHITECTS, LANDSCAPE ARCHITECTS  
1751 ELTON RD. SILVER SPRING, MD 20903 (301) 434-7000

STORM DRAINAGE PROFILES  
WHISKEY BOTTOM SHOPPING CENTER  
GUILFORD (6TH) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

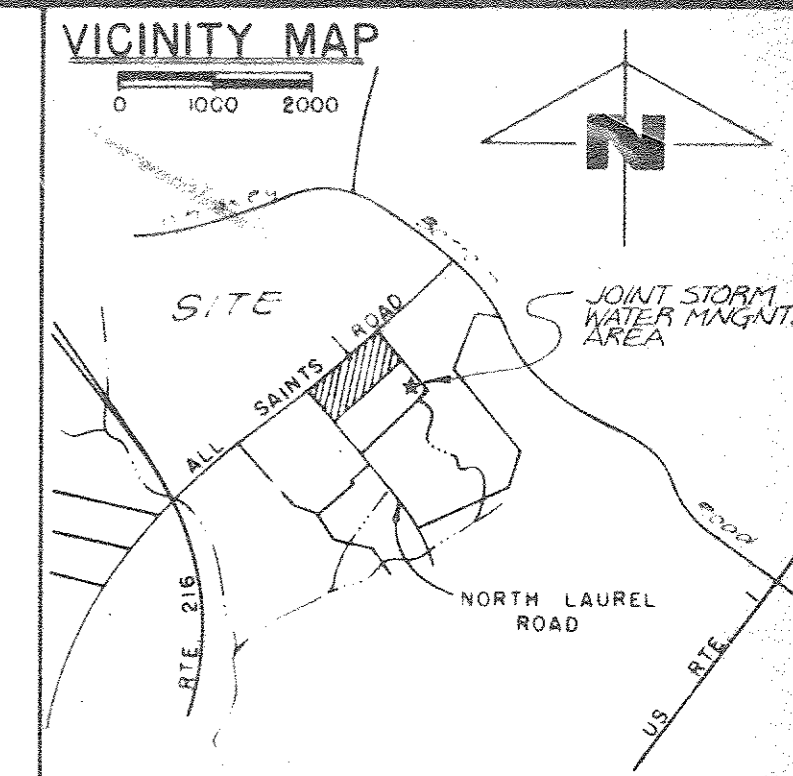
OWNER: I-95 Enterprises A Limited Partnership c/o Holiday Corporation 1720 Wisconsin Avenue Washington, D.C. 20007  
DESIGN BC SHEET 4 of 10  
DATE Sept. 1981  
SCALE AS SHOWN  
JOB NO. 0-108-40  
FILE NO. 0-108-40 B

**PROFILE SCALES:**

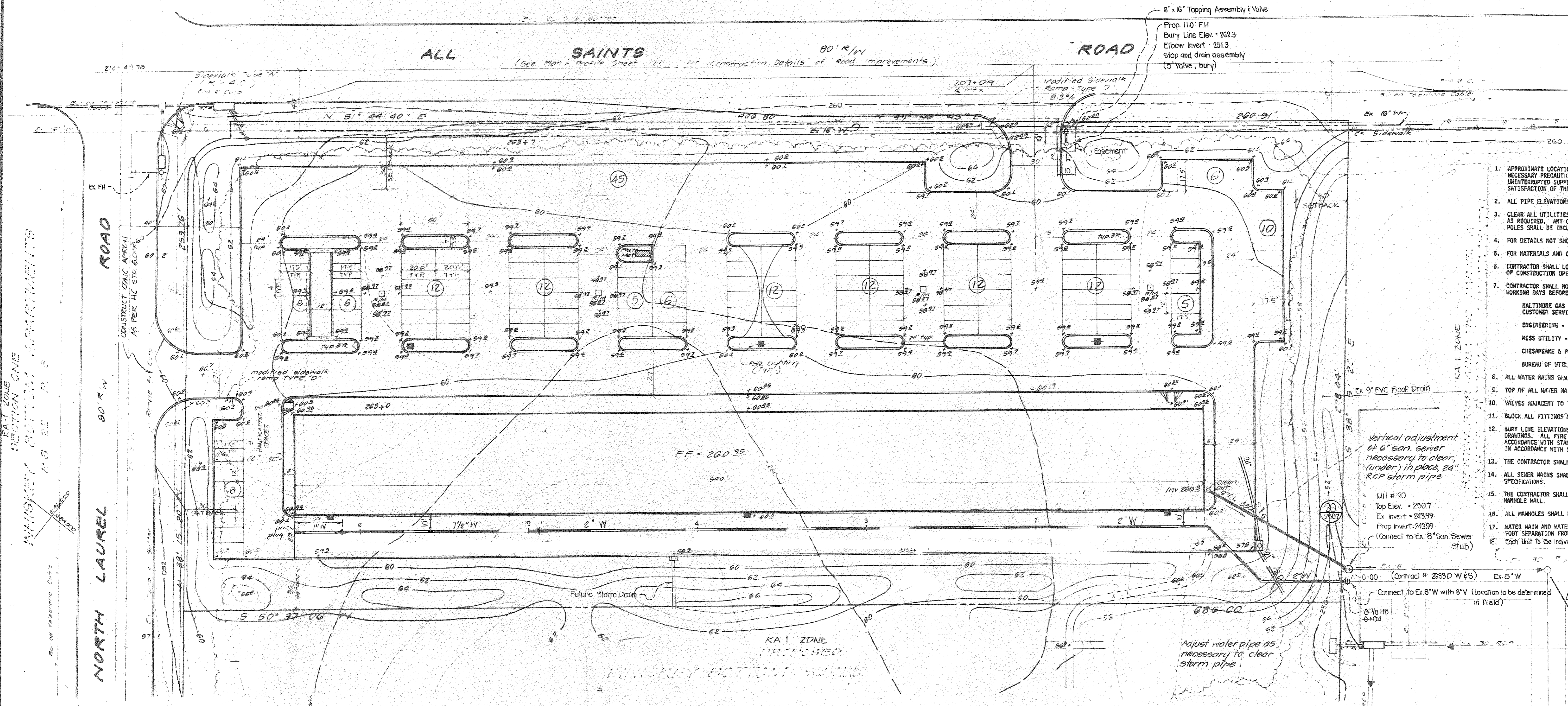
1" = 10' Vertical  
1" = 100' Horizontal



**WATER AND SANITARY SEWER PROFILES**



**APPROVED**  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-81  
*Jim*



- GENERAL NOTES**
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
  - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
  - CLEAR ALL UTILITIES BY A MINIMUM OF 6" CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL. AS REQUIRED, ANY COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT POLES SHALL BE INCLUDED IN UNIT PRICES BID FOR EXCAVATION AND BACKFILL.
  - FOR DETAILS NOT SHOWN ON THE DRAWINGS USE HOWARD COUNTY STANDARD SPECIFICATIONS.
  - FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY STANDARD SPECIFICATIONS.
  - CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSE.
  - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:  
BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE - 685-0123  
ENGINEERING - "DAMAGE CONTROL" - 234-5621  
MISS UTILITY - 1-559-0100  
CHESAPEAKE & POTOMAC (CAP) TELEPHONE COMPANY - 725-9976  
BUREAU OF UTILITIES HOWARD COUNTY - 992-2366
  - ALL WATER MAINS SHALL BE IN ACCORDANCE WITH HOWARD CO. STANDARDS AND SPECIFICATIONS.
  - TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2" COVER UNLESS OTHERWISE NOTED.
  - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
  - BLOCK ALL FITTINGS WITH CONCRETE.
  - BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT TO BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STANDARD SPECIFICATIONS.
  - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
  - ALL SEWER MAINS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
  - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER, UNLESS OTHERWISE NOTED.
  - WATER MAIN AND WATER HOUSE CONNECTION MUST BE PLACED SO AS TO HAVE AT LEAST ONE FOOT SEPARATION FROM THE SANITARY SEWER AS THEY PASS ABOVE IT.
  - Each Unit To Be Individually Metered With Inside Meters.

Vertical adjustment of 0' san. sewer necessary to clear, (under) in place, 24" RCP storm pipe

MH # 20  
Top Elev. = 250.7  
Ex Invert = 243.99  
Prop Invert = 243.99  
(Connect to Ex. 8" San Sewer Stub)

**NOTE:** ANY NECESSARY GRADING PERMITS FROM ADJACENT PROPERTIES SHALL BE BY LETTER OF PERMISSION.

*Charles J. Stumley*  
10/16/81  
REGISTERED PROFESSIONAL ENGINEER

Revised W&S layout : 12-1-81

WHISKEY BOTTOM SHOPPING CENTER, PARCEL A-F81-137

<b>APPROVED</b> FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT. <i>[Signature]</i> DATE 11-6-81	<b>APPROVED</b> HOWARD CO. OFFICE OF PLANNING AND ZONING. <i>[Signature]</i> DATE 11-9-81	<b>APPROVED</b> FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS. <i>[Signature]</i> DATE 11-3-81
--	---	--

**Johnson, Mirmiran & Thompson, P. A.**  
ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS  
1751 ELTON ROAD • SILVER SPRING, MARYLAND • 20902 • (301) 434-7000  
VIENNA, VA. • BALTIMORE, MD.

**PRIVATE WATER AND SEWER**  
**WHISKEY BOTTOM SHOPPING CENTER**  
GUILFORD (6TH) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

<b>OWNER:</b> I-95 Enterprises A Limited Partnership c/o Holladay Corporation 1720 Wisconsin Avenue Washington, D.C. 20007	
<b>DESIGN:</b> PJC	<b>SHEET:</b> 5 OF 10
<b>DATE:</b> Sept. 1981	<b>JOB NO:</b> 8-108-39
<b>APPROVED:</b> JR/III	<b>SCALE:</b> AS Shown
<b>FILE NO:</b> 8-108-39	

SEDIMENT TRAP SCHEDULE						
TRAP NUMBER	1	2	3	4	5	6
BOTTOM ELEV.	57.9	57.9	57.9	57.9	56.6	57.5
DRAINAGE AREA	0.74 Ac.	0.74 Ac.	0.66 Ac.	0.58 Ac.	0.70 Ac.	1.14 Ac.
STORAGE REQ'D	1350 C.F.	1250 C.F.	1200 C.F.	1050 C.F.	1275 C.F.	2050 C.F.
STORAGE PROVIDED	1350 C.F.	1250 C.F.	1200 C.F.	1050 C.F.	1275 C.F.	2050 C.F.
Q <sub>10</sub>	5.7 C.F.S.	5.07 C.F.S.	4.43 C.F.S.	4.3 C.F.S.	4.8 C.F.S.	8.8 C.F.S.
DRAIN TYPE	YARD	YARD	YARD	YARD	CURB	CURB

- LEGEND**
- = STRAWBALE DIKE (SBD-1)
  - = DIVERSION DIKE (DD-1)
  - = STONE OUTLET STRUCTURE (SOS-1) W/ STRAWBALE CORE
  - = SEDIMENT TRAP
  - = EXISTING DRAINAGE DIVIDE
  - = STABILIZED CONSTRUCTION ENTRANCE (SCE-1)
  - = ULTIMATE DRAINAGE DIVIDE
  - = EXISTING TREE TO BE SAVED. (SEE LANDSCAPE PLAN FOR TYPE.)

RA-1 ZONE  
TYLER GARDENS  
(APTS.)

- CONSTRUCTION SEQUENCE**
- | CONSTRUCTION SEQUENCE   | TIME    |
|---|---------|
| 1. CLEARING FOR SEDIMENT CONTROLS ONLY.   | 2 WEEK  |
| 2. INSTALLATION OF DIKES, FILTERS, CONSTRUCTION ENTRANCE & STRAWBALES.                              | 1 WEEK  |
| 3. ROUGH GRADING.   | 2 WEEK  |
| 4. INSTALLATION OF STORM DRAINAGE. *  | 3 WEEKS |
| 5. INSTALLATION OF INLET TRAPS.   | 1 WEEK  |
| 6. STABILIZE SITE.  | 2 WEEKS |
| 7. INSTALLATION OF UTILITIES.   |         |
| 8. BUILDING & SITE CONSTRUCTION.  | VARIES  |
| 9. REMOVAL OF INLET TRAPS.  |         |
| 10. REMOVAL OF DIKES & FILTERS AFTER STABILIZATION, AS ABLE (WITH APPROVAL OF HOWARD CO. INSPECTOR) |         |

\* STORM DRAINAGE MUST BE INSTALLED & CONNECTED TO THE PROPOSED STORM WATER MANAGEMENT FACILITY ON SECTION 8. THIS STORM WATER MANAGEMENT FACILITY MUST BE CONSTRUCTED & FUNCTIONAL WITH THE COMPLETION OF THIS SITE'S DEVELOPMENT.

**DESIGN CERTIFICATION**

I hereby certify that this plan has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas", and Howard Soil Conservation District requirements.

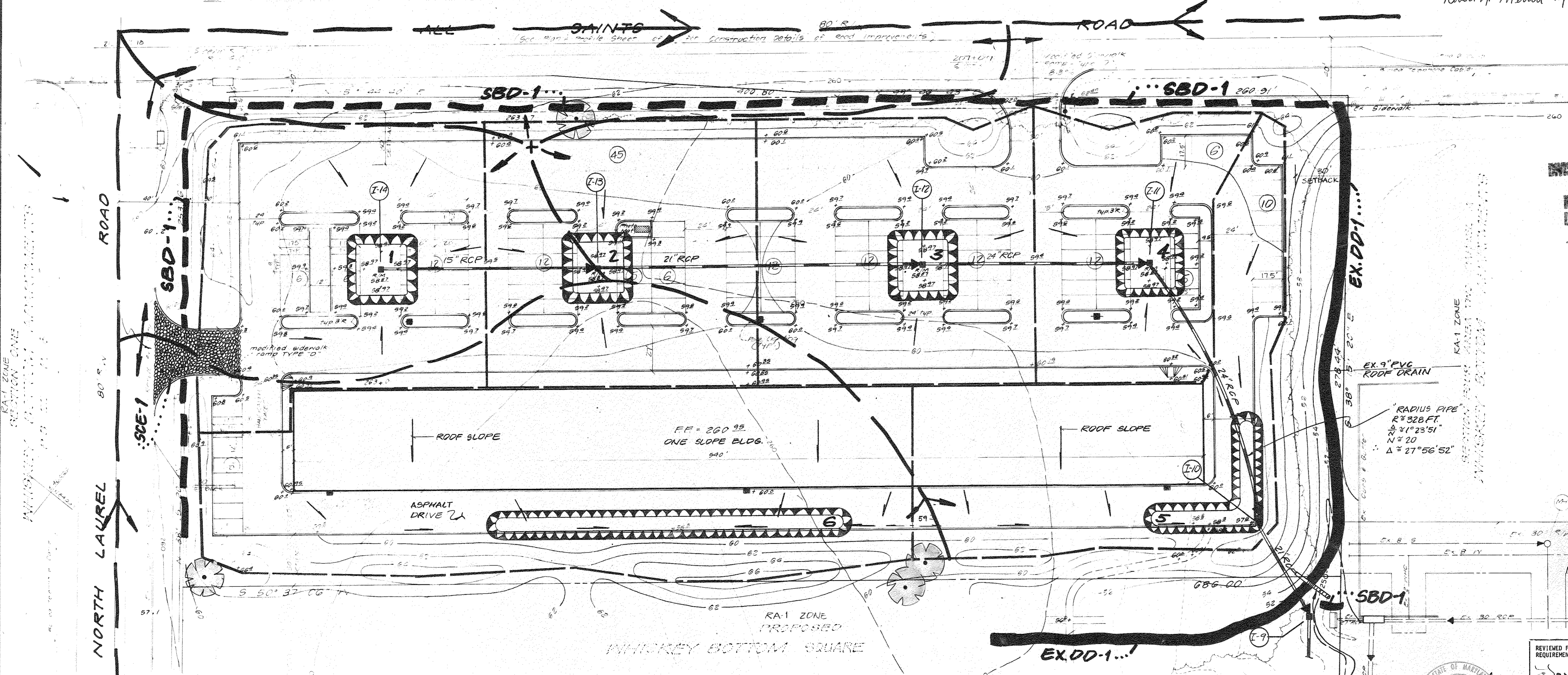
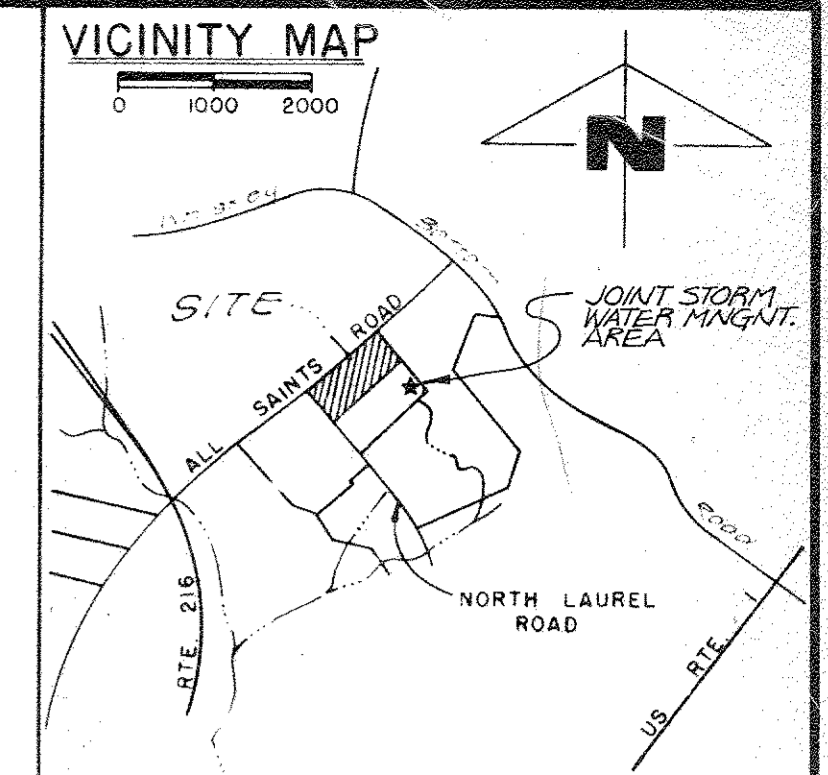
I further certify that the total amount of excavation and fill as shown on these plans have been computed to be 9500 cubic yards of excavation and 13,500 cubic yards of fill and the total area to be disturbed on these plans has been determined to be a maximum of 122,782 square feet or 2.82 acres.

Date: 10/6/81  
 Signature: *Charles J. Minkin*  
 Name and Registration Number: M.D. P.E. 11124

**OWNER'S/DEVELOPER'S CERTIFICATION**

I/We hereby certify that all clearing, grading, construction and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project.

Date: 9-15-81  
 Signature: *Robert A. Merrill*  
 Name and Registration Number: VICE PRESIDENT



APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-9-81  
*JMM*

**SEDIMENT CONTROL - INTENT & PURPOSE**

IT IS THE INTENTION OF THIS PLAN THAT THE PERIMETER SEDIMENT CONTROL SYSTEMS BE INSTALLED AS A FIRST-LINE OF SEDIMENT CONTROLS DURING THE INITIAL PHASES OF SITE DEVELOPMENT. ONCE THAT PURPOSE IS SERVED AND THE INSPECTOR IS IN AGREEMENT, THESE PERIMETER CONTROLS MAY BE REMOVED AND THE AREAS STABILIZED AS PER SECTION 51 OF THE STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.

**NOTE:**

- A SEDIMENT CONTROL PLAN, FOR ROUGH GRADING ONLY, WAS APPROVED (8-21-81) BY H.S.C.D. & A PERMIT ISSUED (8-26-81) BY H.C. BUREAU OF LICENSING & PERMITS TO COVER BOTH THIS PARCEL & THE PARCEL BELOW THIS. A PORTION OF THOSE APPROVED CONTROLS WILL BE USED HERE AS SHOWN.
- ALL SEDIMENT CONTROLS FOR THE LOWER SITE, AS APPROVED & REFERENCED ABOVE, WILL BE MAINTAINED & FUNCTIONAL FOR AS LONG AS NECESSARY. THEIR REMOVAL SHALL BE ONLY BY THE DIRECTION OF HOWARD CO. INSPECTOR.

EX. GRADE STABILIZING STRUCTURE (G.S.S.-3) AS PER APPROVED PLAN & PERMIT #BP-82-07 TO REMAIN IN PLACE AS LONG AS NECESSARY.

NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
 Signature: *James M. Slavin*  
 DATE: 11-6-81  
 COUNTY HEALTH OFFICER

APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.  
 Signature: *James M. Slavin*  
 DATE: 11-9-81  
 PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.  
 Signature: *James M. Slavin*  
 DATE: 11-3-81  
 CHIEF, BUREAU OF ENGINEERING

**Johnson, Mirmiran & Thompson, P.A.**  
 ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS  
 1751 ELTON ROAD • SILVER SPRING, MARYLAND • 20903 • (301) 434-7000  
 VIENNA VA • BALTIMORE MD

**SEDIMENT CONTROL PLAN  
 WHISKEY BOTTOM  
 SHOPPING CENTER**  
 GUILFORD (6TH) ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.  
 Signature: *Sandy J. Belene*  
 DATE: 10-30-81

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

APPROVED:  
 Signature: *William V. Rowe*  
 DATE: 10-30-81  
 HOWARD S.C.D.

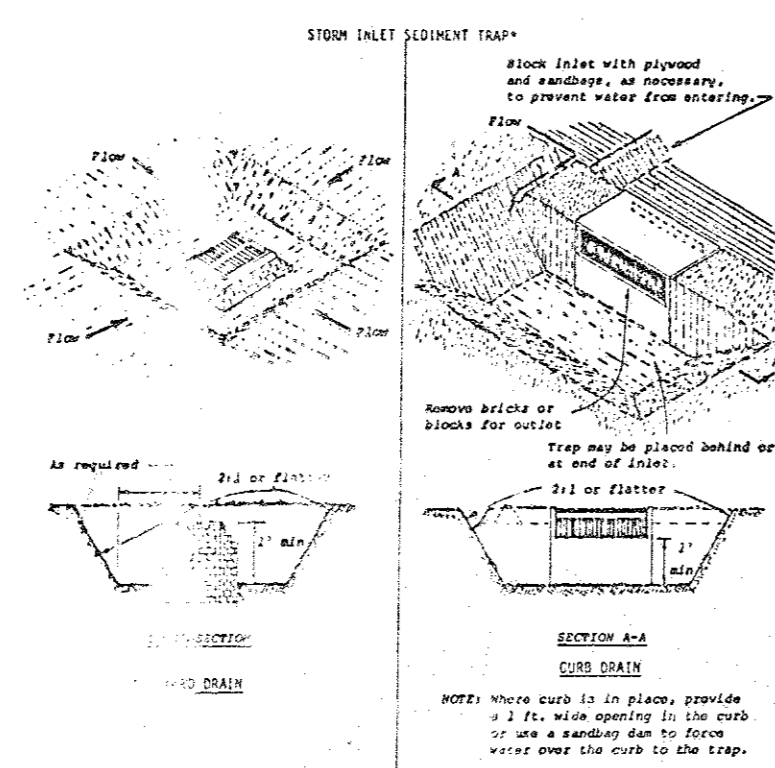
DESIGN	JR III	SHEET	6 OF 10
DRAWN	LOL	DATE	SEPT 1981
APPROVED	JR III	SCALE	1" = 30'
		FILE NO.	3-108-218

SEDIMENT CONTROL NOTES

- ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT TIME OF CONSTRUCTION, UPON APPROVAL OF H.C.S.C.D.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE PUBLISHED "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."
- ALL SEDIMENT AND EROSION CONTROL FACILITIES ARE TO BE CONSTRUCTED PRIOR TO GRADING AND THEY SHALL BE IN AN OPERATIONAL CONDITION BEFORE GRADING CONSTRUCTION BEGINS.
- PERIODIC INSPECTION AND MAINTENANCE ARE TO BE PROVIDED TO INSURE EFFICIENCY OF ALL FACILITIES.
- CONTRACTOR INSTALLING THE ABOVE SHALL OBTAIN AND FOLLOW THE STANDARD & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL AS DISTRIBUTED BY THE HOWARD SOIL CONSERVATION DISTRICT.
- ALL STRUCTURES UTILIZING COMPACTED EARTH FILL ARE TO BE COMPOSED OF MATERIAL TAKEN FROM APPROVED BORROW AREAS AND SHALL BE FREE OF ROOTS, MOODY VEGETATION, ROCKS AND OTHER OBJECTIONABLE MATERIAL. A MINIMUM OF 10% SHALL BE ALLOWED FOR SETTLEMENT FILLS TO BE PLACED IN 6" LIFTS AND COMPACTED AS LAID.
- ALL AREAS OF INGRESS-EGRESS ARE TO BE PROTECTED FROM TRACKING MUD ONTO PUBLIC RIGHTS OF WAY.
- ALL SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL AT THE END OF EACH DAY.
- GRADING AND CONSTRUCTION MAY BEGIN UPON COMPLETION AND ACCEPTANCE OF ALL ITEMS SHOWN, REQUIRED OR SPECIFIED HEREON.
- AREAS DISTURBED BY ONSITE GRADING THAT ARE NOT TO BE CONSTRUCTED ON WITHIN 30 DAYS ARE TO BE STABILIZED WITH A SEMI-PERMANENT TYPE SODDING AND MULCHING. SEE PAGES 50.01 THRU 50.05 OF REFERENCED STDS. AND SPECS.
- ALL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY WITH SOD. SEE PAGES 54.01 THRU 54.03 OF REFERENCED STDS. AND SPECS.
- ALL DISTURBED AREAS SHALL BE FINALLY STABILIZED WITH PERMANENT SEEDINGS UPON COMPLETION OF FINE GRADING. SEE PAGES 51.01 THRU 51.07 OF REFERENCED STDS. AND SPECS.
- SEDIMENT TRAPS AND DIVERSION DIKES ARE TO RECEIVE TEMPORARY SEEDING IMMEDIATELY AFTER THEY ARE CONSTRUCTED. SEE PAGES 50.01 THRU 50.05 OF REFERENCED STDS. AND SPECS.
- THE THROATS OF ALL STORM DRAINAGE INLETS SHALL BE PROTECTED AND KEPT FREE OF ANY DEPOSITS OF SEDIMENT, I.E. THROUGH USE OF SANDBAGS, GRAVEL OR OTHER APPLICABLE METHOD UNTIL THE UPHILL AREAS HAVE BEEN STABILIZED AND THE STREETS HAVE BEEN PAVED.
- SILT TRAPS AND OTHER ITEMS MUST BE MAINTAINED AND PERIODIC CLEANOUT ABOVE THE DESIGN CLEANOUT LEVELS SHALL BE PERFORMED BY THE OPERATOR.
- THE CONTRACTOR SHALL NOT INSTALL CONCRETE CURB AND GUTTER OR SIDEWALK IN THE AREAS INDICATED UNTIL THE UPHILL AREAS HAVE BEEN STABILIZED.

SODDING AND SEEDING NOTES

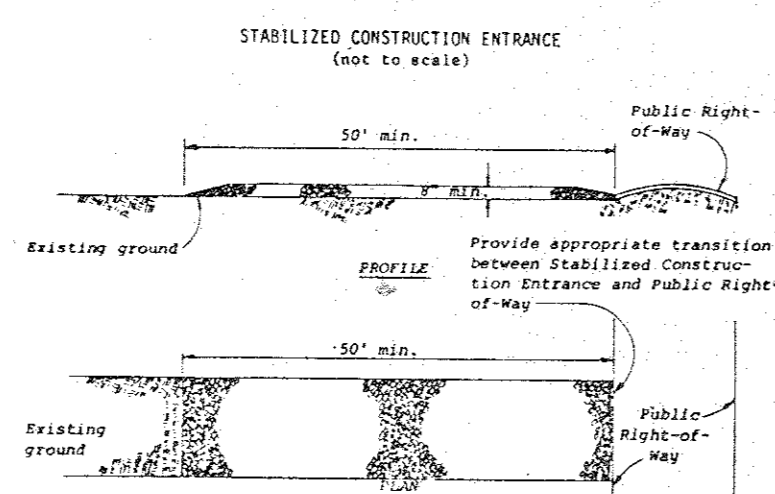
- SEDIMENT TRAPS, DIVERSION DIKES AND INTERCEPTOR DIKES ARE TO BE TEMPORARILY SEED WITH KENTUCKY 31 FESCUE 5-7 LBS. PER 1,000 SQ. FT. IMMEDIATELY AFTER THEY ARE CONSTRUCTED. THE EMERGENCY SPILLWAY SHALL BE SODDED.
  - ALL TEMPORARILY SEED AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH MATERIALS SHOULD BE UNWEATHERED, UNCHOPPED, SMALL GRAIN STRAW SPREAD AT A RATE OF 1-1/2 TO 2 TONS PER ACRE. THE MULCH SHALL BE ANCHORED IMMEDIATELY AFTER PLACEMENT WITH ASPHALT, PEG AND TWINE, PLASTIC NETTINGS OR BY A MULCH ANCHORING TOOL.
  - LIME AND FERTILIZER SHALL BE REQUIRED FOR TEMPORARY SEEDINGS IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:
    - PULVERIZED DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 46 LBS PER 1000 SQ. FT.
    - FERTILIZER SHALL BE 10-10-10 OR EQUIVALENT AND APPLIED AT THE RATE OF 12 TO 18 LBS PER 1000 SQ. FT.
- ALL DISTURBED AREAS SHALL BE FINALLY STABILIZED WITH SOD OR SOD IMMEDIATELY UPON COMPLETION OF FINE GRADING IN ACCORDANCE WITH THE FOLLOWING PROCEDURE.
  - TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED ON THE DESIGN AREAS AND SHALL BE A MINIMUM DEPTH OF 3-INCHES AFTER FIRING.
  - DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 75 LBS PER 1,000 SQ. FT.
  - FERTILIZER SHALL BE 10-10-10 AND APPLIED AT THE RATE OF 23 LBS. PER 1,000 SQ. FT.
  - SOD IS TO BE APPROVED OR BETTER KENTUCKY 31 FESCUE.
  - LIME AND FERTILIZER SHALL BE UNIFORMLY MIXED INTO THE TOP 4-INCHES OF SOIL BY DISCING, HARROWING OR OTHER APPROVED METHODS.
  - SEED SHALL BE 0-20% KENTUCKY BLUEGRASS, 80-100% KENTUCKY 31 TALL FESCUE AT THE RATE OF 6 TO 8 LBS. PER 1,000 SQ. FT.
  - ALL DISTURBED AREAS NOT SODDED SHALL BE SEED
  - SOD SHALL BE PLACED ON ALL ONSITE WELL DEFINED SWALES



**CONSTRUCTION SPECIFICATION**

- Sediment traps shall be removed and site restored to its original dimensions when the project has been completed. If the design shows a permanent structure, the sediment trap shall be constructed on a concrete pad and to such a height that it will not erode.
- The structure shall be constructed after each trap and repair work on needed to prevent erosion.
- The structure shall be removed and area stabilized when the remaining drainage area has been stabilized.
- All dirt shall be removed from the site.

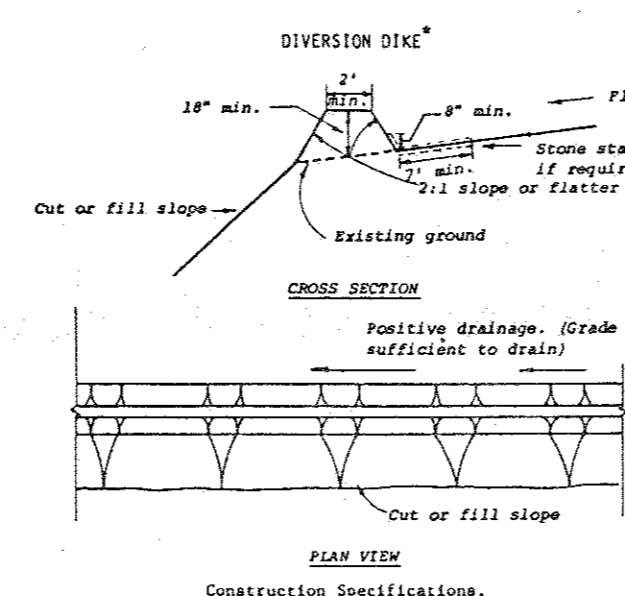
Standard Symbol:



**CONSTRUCTION SPECIFICATION**

- Stone size - Use MSHA size No. 2 (2-1/2" to 3") or ASTM designation #41, size No. 2 (2-1/2" to 3-1/2"). Use crushed stone.
- Length - As effective, but not less than 30 feet.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Sealing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.

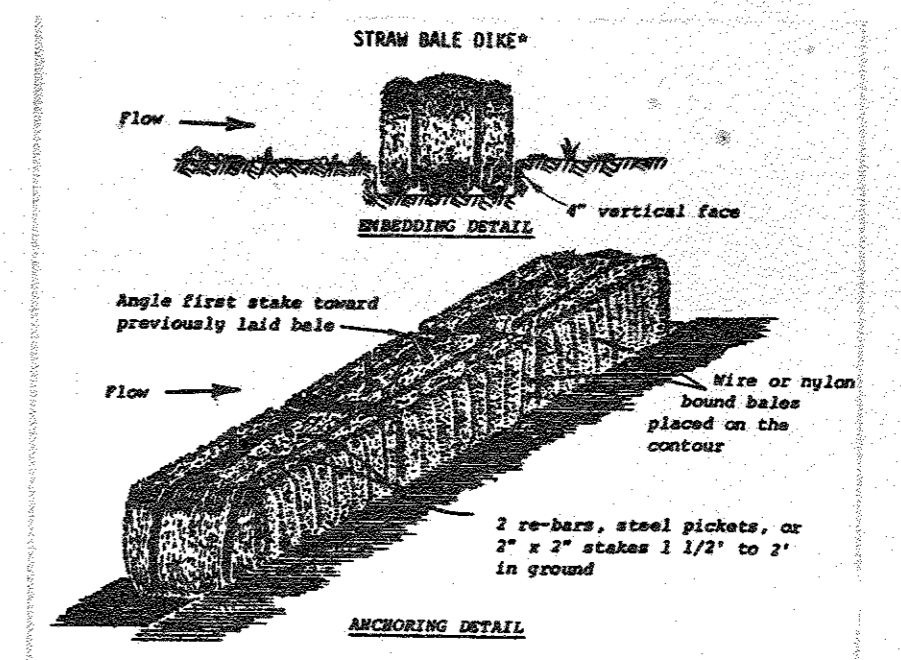
Standard Symbol:



**CONSTRUCTION SPECIFICATIONS**

- All dikes shall be machine compacted.
- All diversion dikes shall have positive drainage to an outlet.
- Diverted runoff from a protected or stabilized area shall outlet directly to an undisturbed stabilized area or into a level spreader or grade stabilization structure.
- Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or to an area protected by any of these practices.
- Stabilization, as specified by the plans, shall be: (1) in accordance with Standard and Specifications for Graded Waterway, and the area to be stabilized shall be the channel (flow area); or (2) the flow area shall be lined with stone that meets MSHA size No. 2 or ASTM #41 size No. 2 or which is placed in a 3 inch thick layer and pressed into the soil. The area covered by the stone shall be as shown on the drawing above.
- Periodic inspection and required maintenance shall be provided.

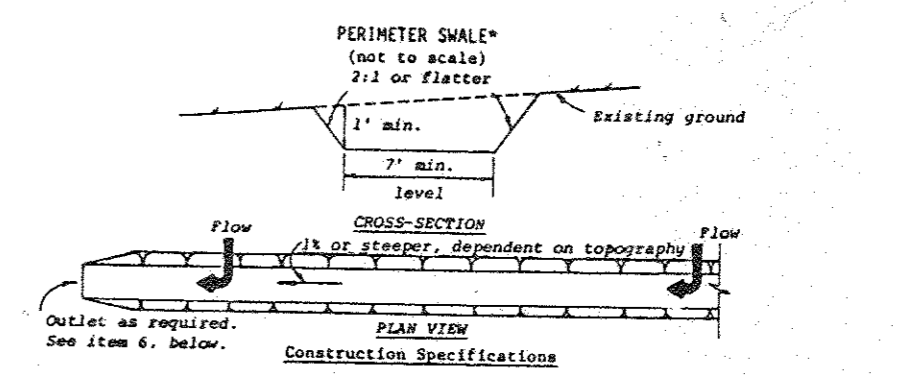
Standard Symbol:



**CONSTRUCTION SPECIFICATIONS**

- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
- Each bale shall be embedded in the soil a minimum of 4".
- Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
- Inspection shall be frequent and repair or replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

Standard Symbol:



**CONSTRUCTION SPECIFICATIONS**

- All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
- The swale 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.
- Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed swale.
- All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
- Perimeter swales shall have a minimum grade of one percent and the bottom shall be level.
- Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area, level spreader or into a grade stabilization structure.
- Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or within an area protected by any of these practices.
- Stabilization shall be: (1) in accordance with the Standard and Specifications for Graded Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or ASTM #41 size No. 2 or 24 in a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
- Periodic inspection and required maintenance shall be provided.

Standard Symbol:

USDA-SC-101 TABLE 50-1 Permanent Seedings and Seeding Dates July 1975

MIX. (See Certified Seed List)	SEEDING RATE (lb./1000 sq. ft.)	SEEDING DATES															
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR				
1. Kentucky 31 Tall Fescue *	40	1-28	2-20														
2. Hardpan Limestone *	10	1-28	2-20														
3. Kentucky 31 Tall Fescue *	40	1-28	2-20														
4. Hardpan Limestone *	10	1-28	2-20														
5. Kentucky 31 Tall Fescue *	40	1-28	2-20														
6. Commonweal, Unimproved *	15	1-28	2-20														
7. Commonweal, Unimproved *	15	1-28	2-20														
8. Kentucky 31 Tall Fescue *	40	1-28	2-20														
9. Hardpan Limestone *	10	1-28	2-20														
10. Kentucky 31 Tall Fescue *	40	1-28	2-20														
11. Hardpan Limestone *	10	1-28	2-20														
12. Kentucky 31 Tall Fescue *	40	1-28	2-20														
13. Hardpan Limestone *	10	1-28	2-20														
14. Kentucky 31 Tall Fescue *	40	1-28	2-20														
15. Hardpan Limestone *	10	1-28	2-20														

\* Use certified seed only

USDA-SC-101 TABLE 50-1 Temporary Seedings by Rates, Depths and Dates July 1975

Species 2/	Seeding Rate Per Acre (lb./1000 sq. ft.)	Planting Depth (inches)	Seeding Dates 3/														
			3/1-3/20	3/20-4/14	4/14-5/8	5/8-5/22	5/22-6/15	6/15-6/29	6/29-8/1	8/1-8/15	8/15-8/29	8/29-9/12	9/12-9/26				
Choose one:																	
Barley	2-1/2 bu.	2.8	1-2	x		By 10/15	x										By 10/1
Oats	3 bu.	3.2	1-2	x			x										x
Rye	2-1/2 bu.	3.2	1-2	x			x										x
Italian or perennial ryegrass 1/	40 lbs.	.92	1/4-1/2	5/		By 11/1	5/		By 11/1	x							By 8/15
Milliet	40 lbs.	.92	1-2		x												x
Meadow fescue or Lehmann's ryegrass	3 lbs.	.07	1/4-1/2		x												x
Sudangrass 5/	40 lbs.	.92	1-2		x												x

1/ Use only on areas where seed stalks and volunteer growth are acceptable.  
 2/ Applicable on slopes 3:1 or less.  
 3/ Use varieties currently recommended for Maryland. Use certified seed when available.  
 4/ Use common ryegrass varieties only. Do not use hybrids.  
 5/ Variety pounds per acre of annual lespedeza may be added to 1/2 the seeding rate of any species used for spring seedings.  
 6/ Between fall and spring seeding dates, use mulching only or sodding practices.  
 x Applicable during entire period.  
 - not applicable in period.

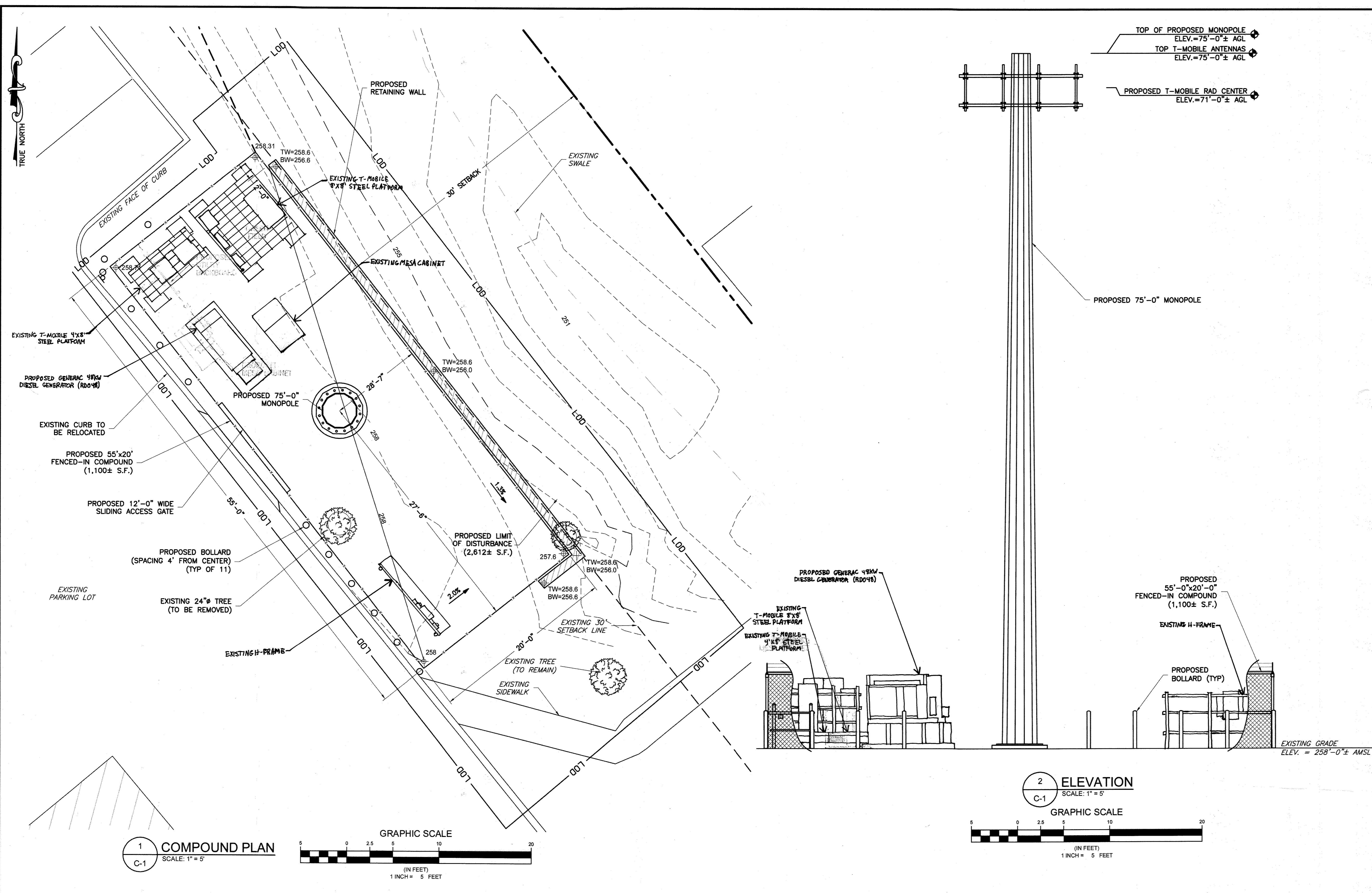
APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-9-81  
 JMM

STATE OF MARYLAND  
 CHARLES THOMAS  
 REGISTERED PROFESSIONAL ENGINEER

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.  
 U.S. SOIL CONSERVATION SERVICE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED: William T. Rowe 10-30-81  
 HOWARD S.C.D. DATE

<p>APPROVED FOR PUBLIC WATER &amp; SEWERAGE SYSTEMS, HOWARD CO. HE. LTH DEPT.</p> <p>11-6-81</p>		<p>APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.</p> <p>11-9-81</p>		<p>APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.</p> <p>11-8-81</p>		<p>Johnson, Mirmiran &amp; Thompson, P. A.                  ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS                  1751 ELTON ROAD • SILVER SPRING, MARYLAND • 20903 • (301) 434-7000                  VIENNA, VA • BALTIMORE, MD.</p>		<p>SEDIMENT CONTROL DETAILS                  WHISKEY BOTTOM SHOPPING CENTER                  GUILFORD (6TH) ELECTION DISTRICT                  HOWARD COUNTY, MARYLAND</p>		<p>OWNER: I-95 Enterprises                  A Limited Partnership                  c/o Holladay Corporation                  1720 Wisconsin Avenue                  Washington, D.C. 20007</p>	
NO.	BY	DATE	REVISIONS	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

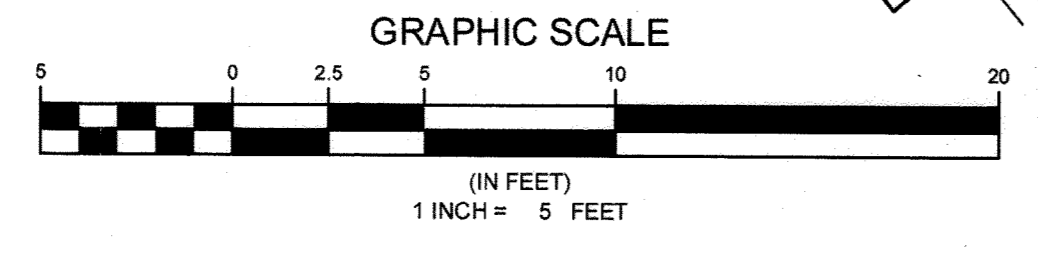
SDP-81-176



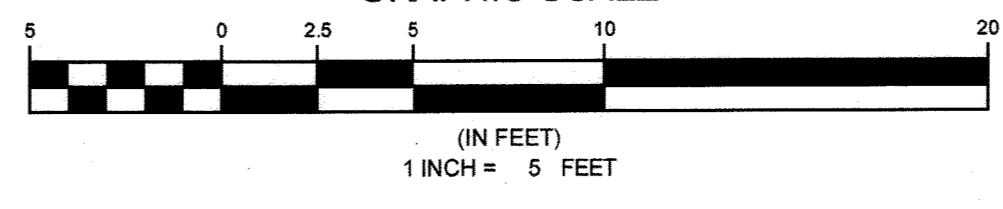
TOP OF PROPOSED MONOPOLE  
ELEV.=75'-0"± AGL  
TOP T-MOBILE ANTENNAS  
ELEV.=75'-0"± AGL  
PROPOSED T-MOBILE RAD CENTER  
ELEV.=71'-0"± AGL

PROPOSED 75'-0" MONOPOLE

1 COMPOUND PLAN  
SCALE: 1" = 5'



2 ELEVATION  
SCALE: 1" = 5'



**NB+C**  
TOTALLY COMMITTED.  
NB+C ENGINEERING SERVICES, LLC.  
6095 MARSHALEE DRIVE, SUITE 300  
ELKBRIDGE, MD 21075  
(410) 712-7062

**Eco-Site**  
Urban.Renewal.Wireless.  
323 CENTER STREET  
LITTLE ROCK, AR 72201

MD-0001  
9105 ALL SAINTS ROAD  
LAUREL, MD 20723  
HOWARD COUNTY  
LATITUDE: 39.122350  
LONGITUDE: -76.845143

REVISIONS

REV	DATE	DESCRIPTION	BY
2	3/1/22	ADDED GEN. AND EXIST. EQUIP.	NB
1	08/03/16	REVISED PER COMMENTS	JJR
A	05/12/16	PRELIMINARY	CES

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE  
COMPOUND PLAN & ELEVATION

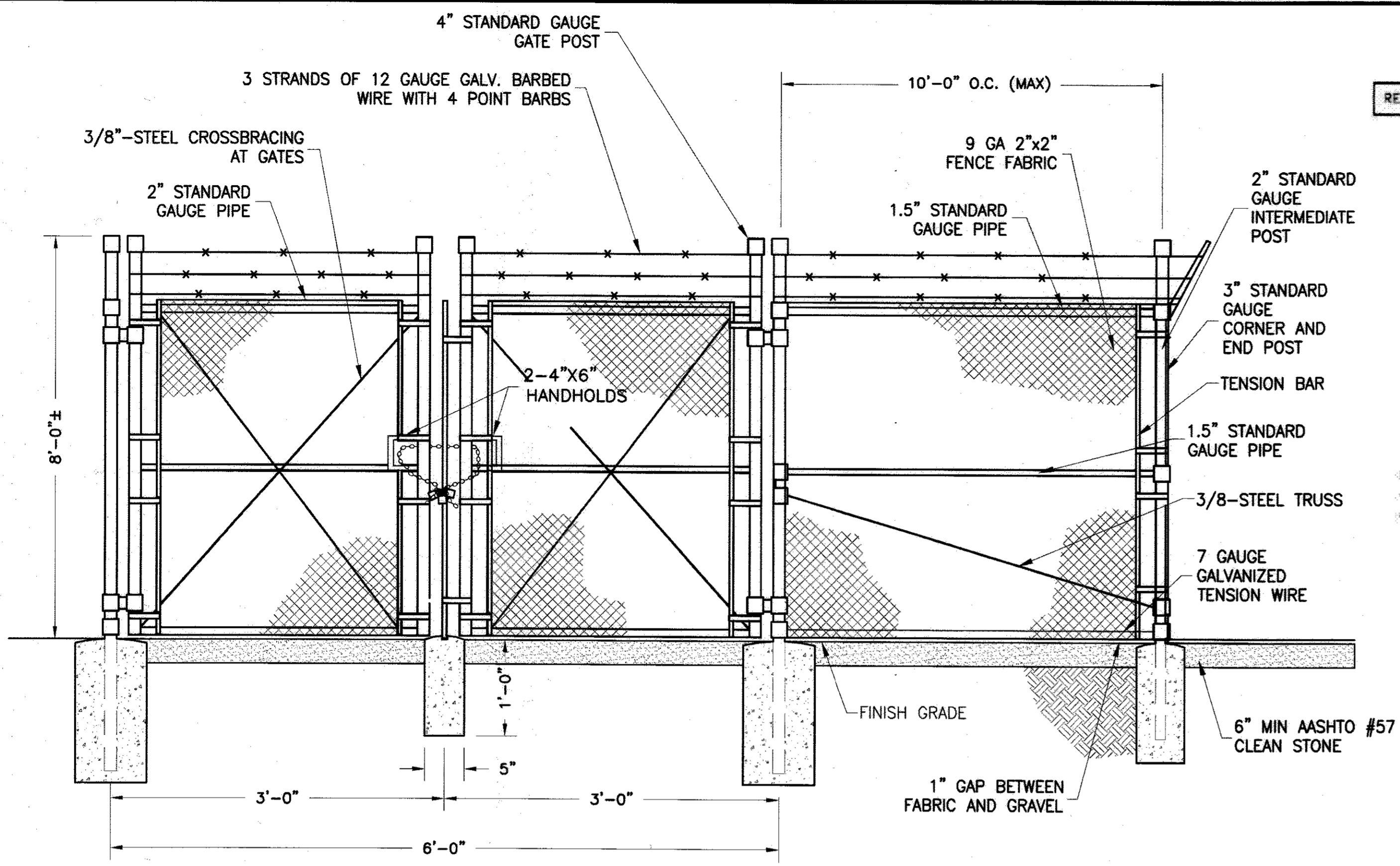
SHEET NUMBER  
**C-1**  
SHEET 8 OF 10

**APPROVED** FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
  
 COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVED** HOWARD CO. OFFICE OF PLANNING AND ZONING.  
  
 PLANNING DIRECTOR \_\_\_\_\_ DATE 10-25-16  
  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION \_\_\_\_\_ DATE 10-20-16  
  
 CHIEF - DIV. OF LAND DEV. & ZONING ADMIN. \_\_\_\_\_ DATE 10-25-16

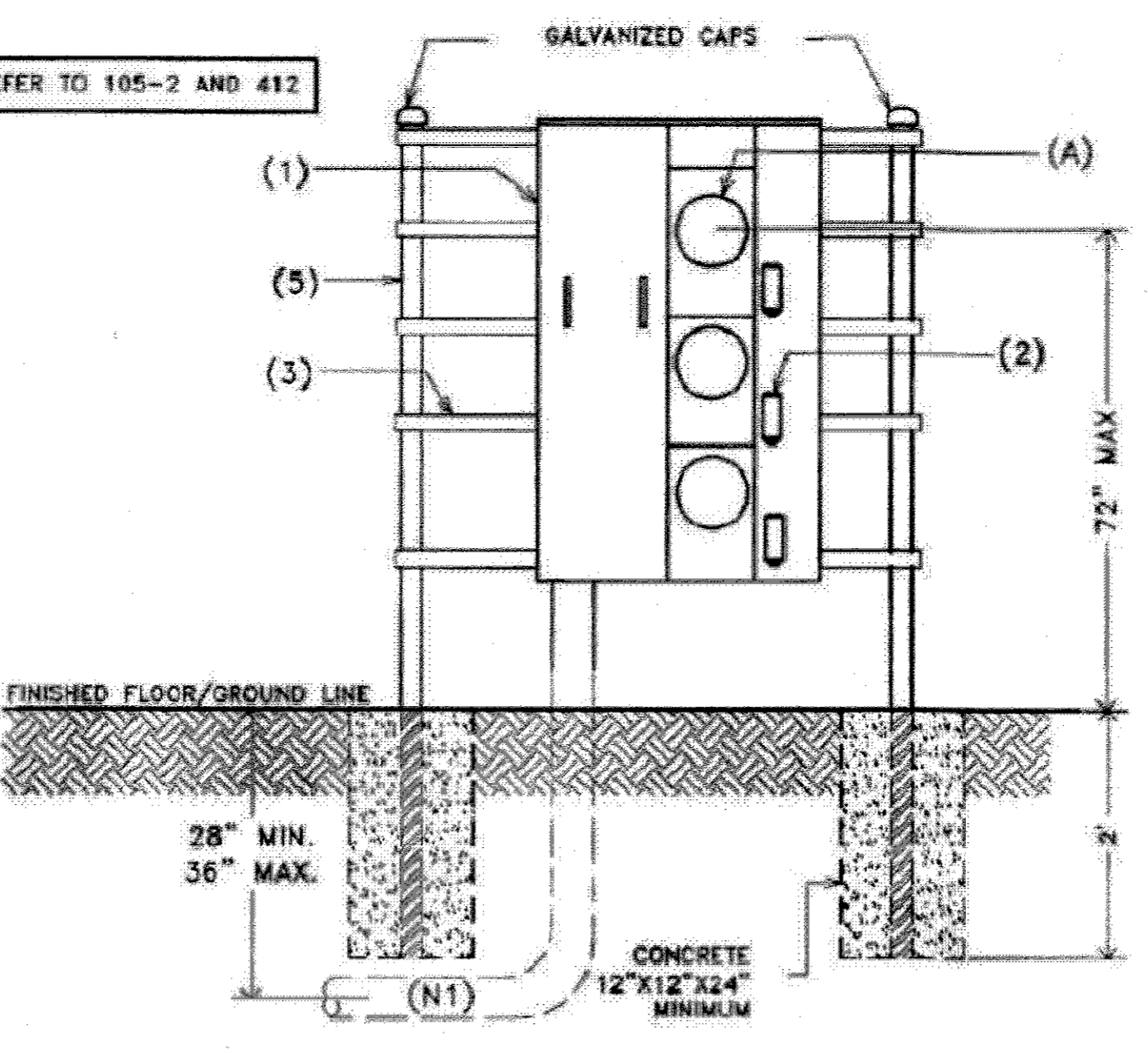
**APPROVED** FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.  
 DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF BUREAU OF ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_



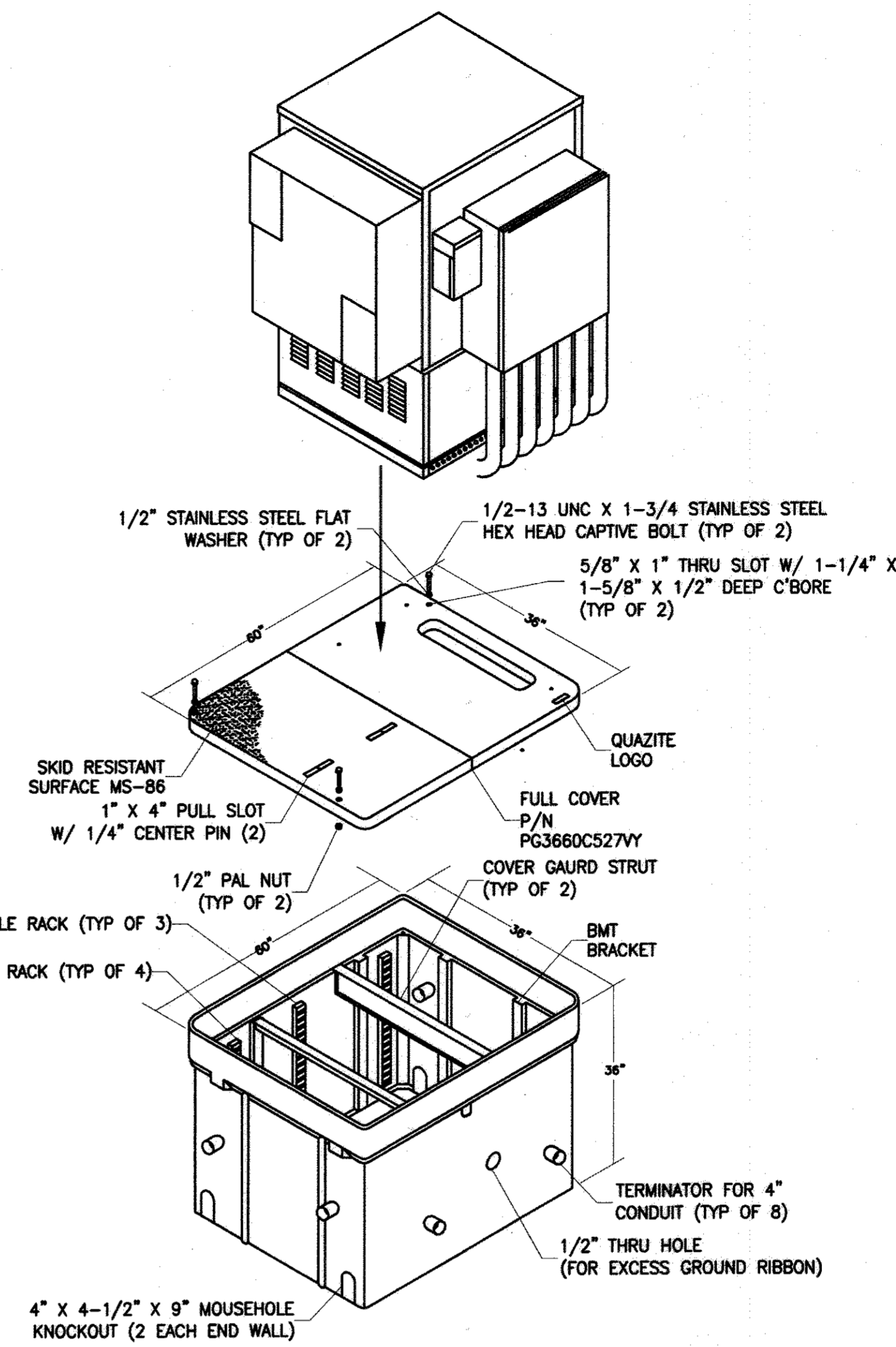


1 TYPICAL FENCE AND GATE DETAIL  
D-1 NTS

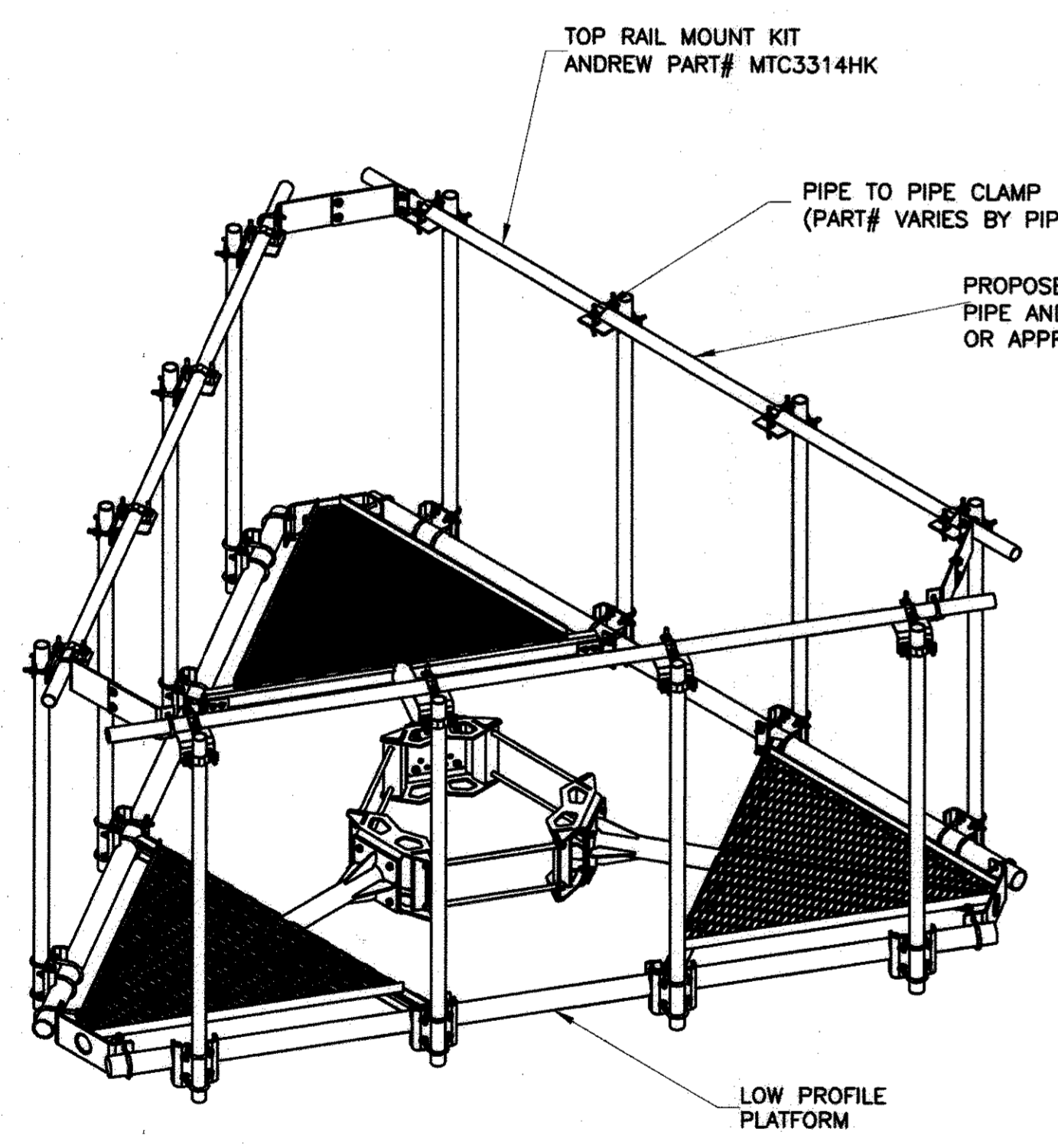
Consult Baltimore Gas and Electric Company for this type of installation.



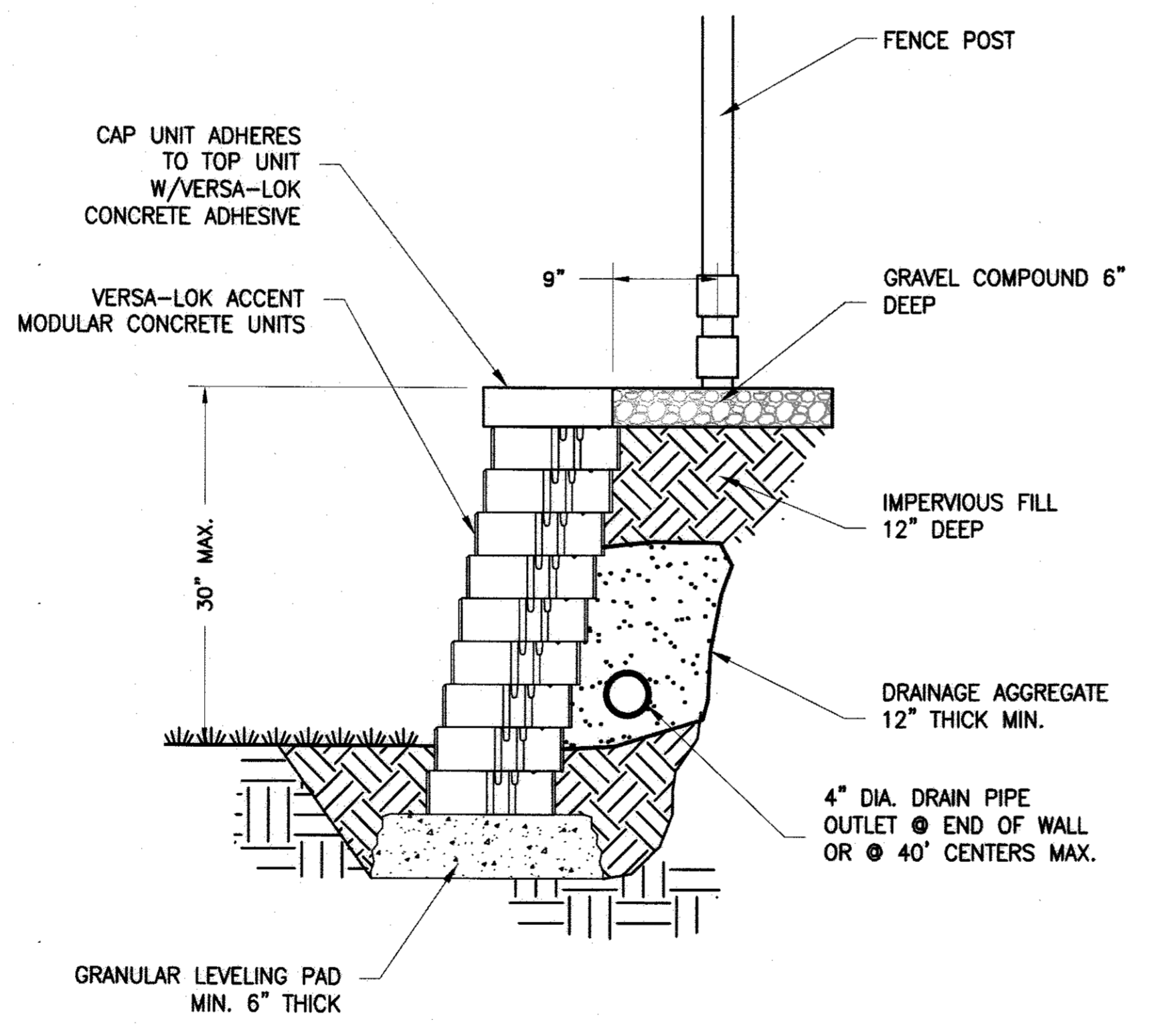
2 BG&E 3-GANG METER STACK DETAIL  
D-1 NTS



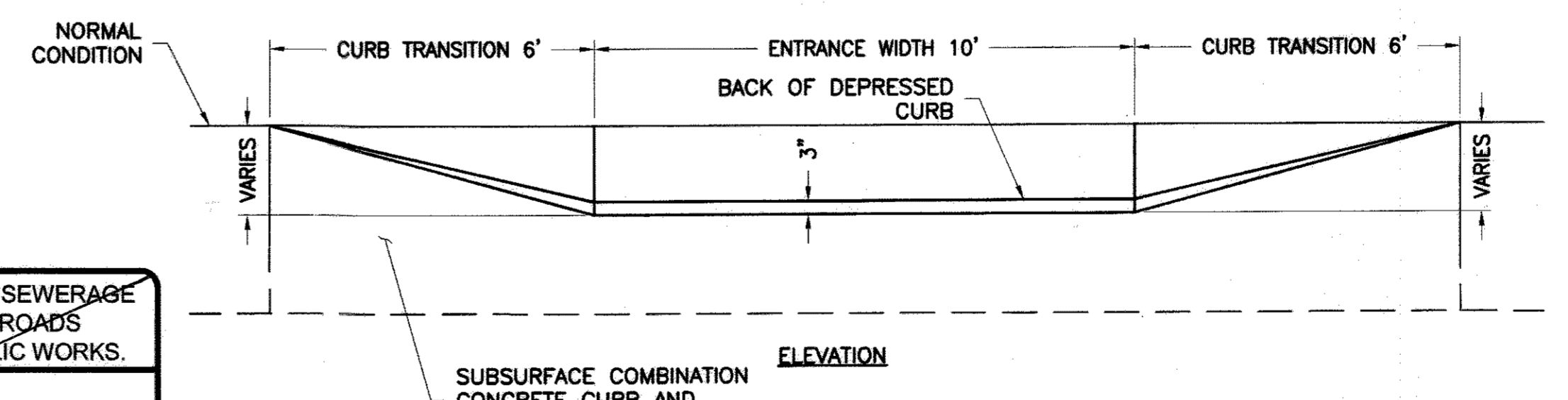
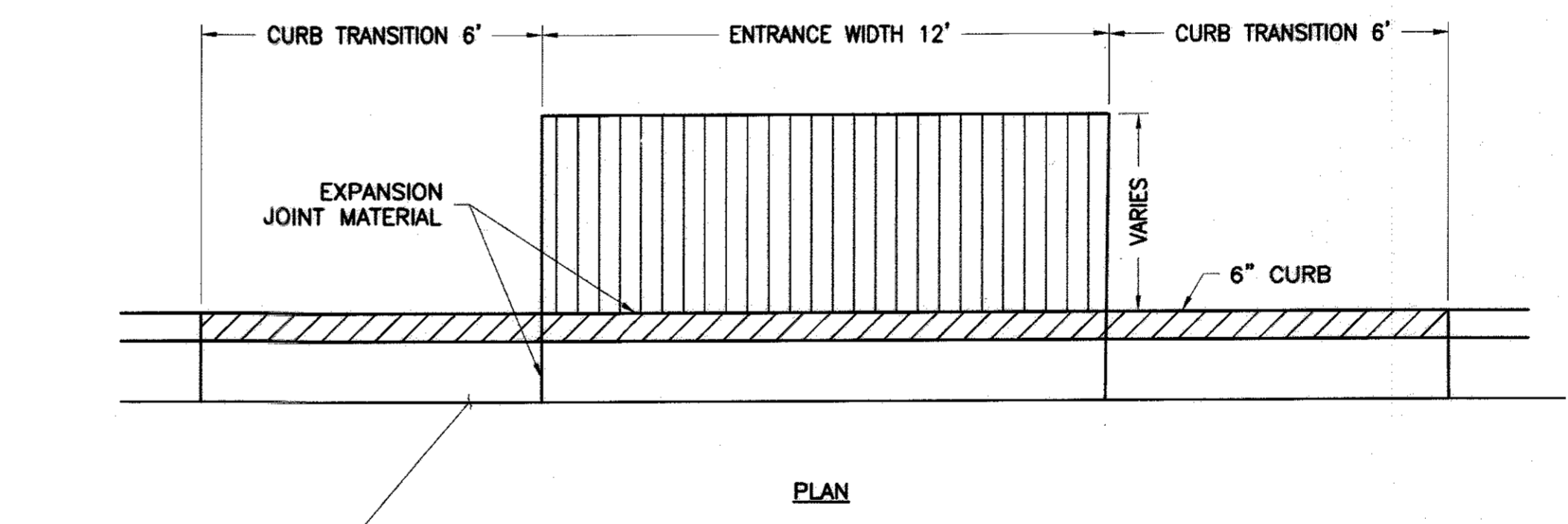
3 MESA MUX VAULT DETAIL  
D-1 NTS



4 TOP RAIL MOUNTING DETAIL  
D-1 NTS



5 VERSA-LOK WALL DETAIL  
D-1 NTS



5 VERSA-LOK WALL DETAIL  
D-1 NTS

**NB+C**  
TOTALLY COMMITTED.  
NB+C ENGINEERING SERVICES, LLC.  
6065 MARSHALLEE DRIVE, SUITE 300  
ELK RIDGE, MD 21075  
(410) 712-7062

**Eco-Site**  
Urban.Renewal.Wireless.  
323 CENTER STREET  
LITTLE ROCK, AR 72201

MD-0001  
9105 ALL SAINTS ROAD  
LAUREL, MD 20723  
HOWARD COUNTY  
LATITUDE: 39.122350  
LONGITUDE: -76.845143

REVISIONS

REV	DATE	DESCRIPTION	BY
1	08/03/16	REVISED PER COMMENTS	JJR
A	05/12/16	PRELIMINARY	CES

PROFESSIONAL STAMP  
STATE OF MARYLAND  
JOSEPH J. JOHNSON  
PROFESSIONAL ENGINEER  
9/29/16

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.  
*[Signature]*  
COUNTY HEALTH OFFICER  
DATE

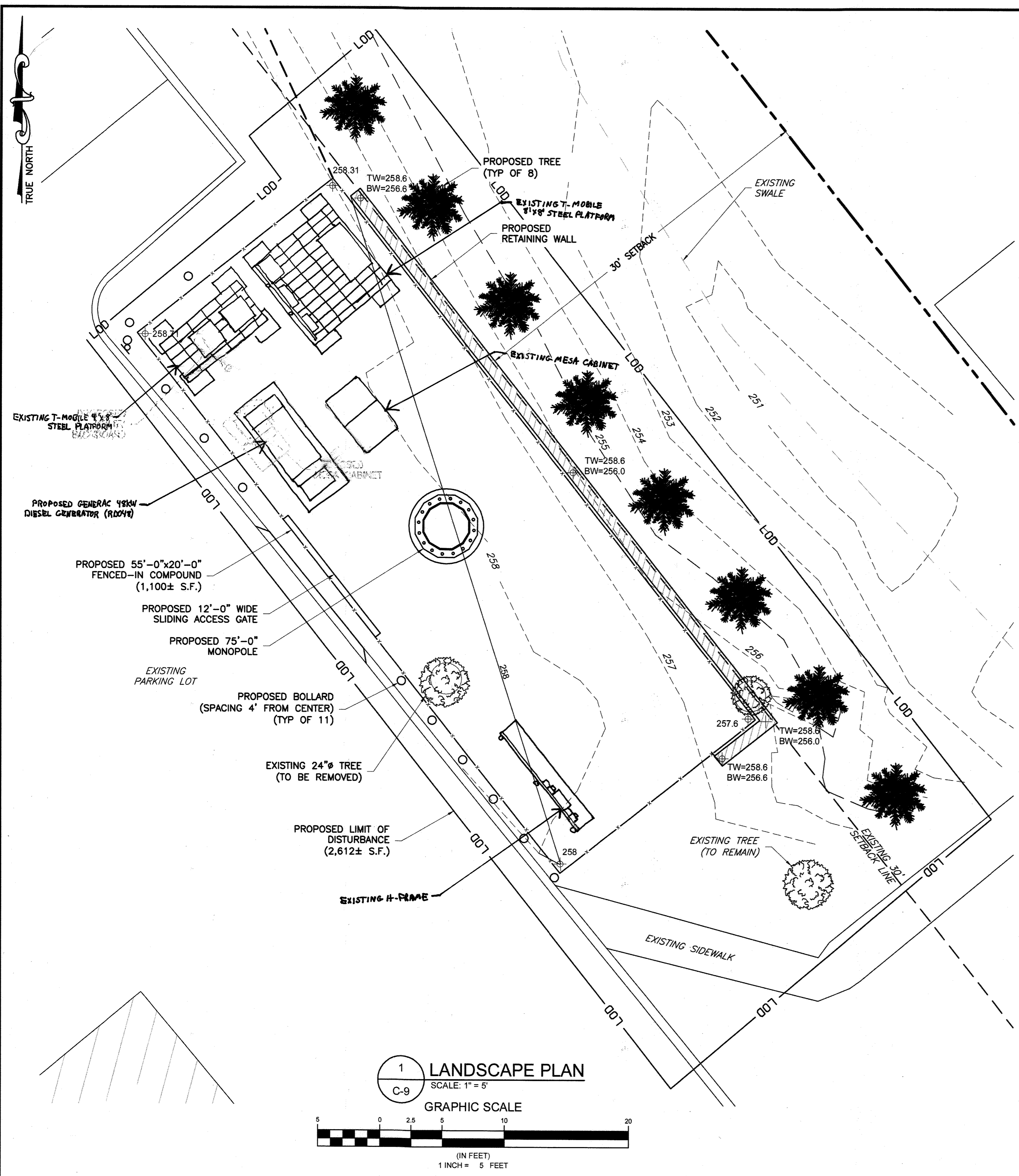
APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.  
*[Signature]* 10-25-16 DATE  
*[Signature]* 10-20-16 DATE  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
*[Signature]* 10-25-16 DATE  
CHIEF - DIV. OF LAND DEV. & ZONING ADMIN.

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.  
DIRECTOR DATE  
CHIEF BUREAU OF ENGINEERING DATE

ENGINEER

SHEET TITLE  
**EQUIPMENT SPECIFICATIONS & DETAILS**

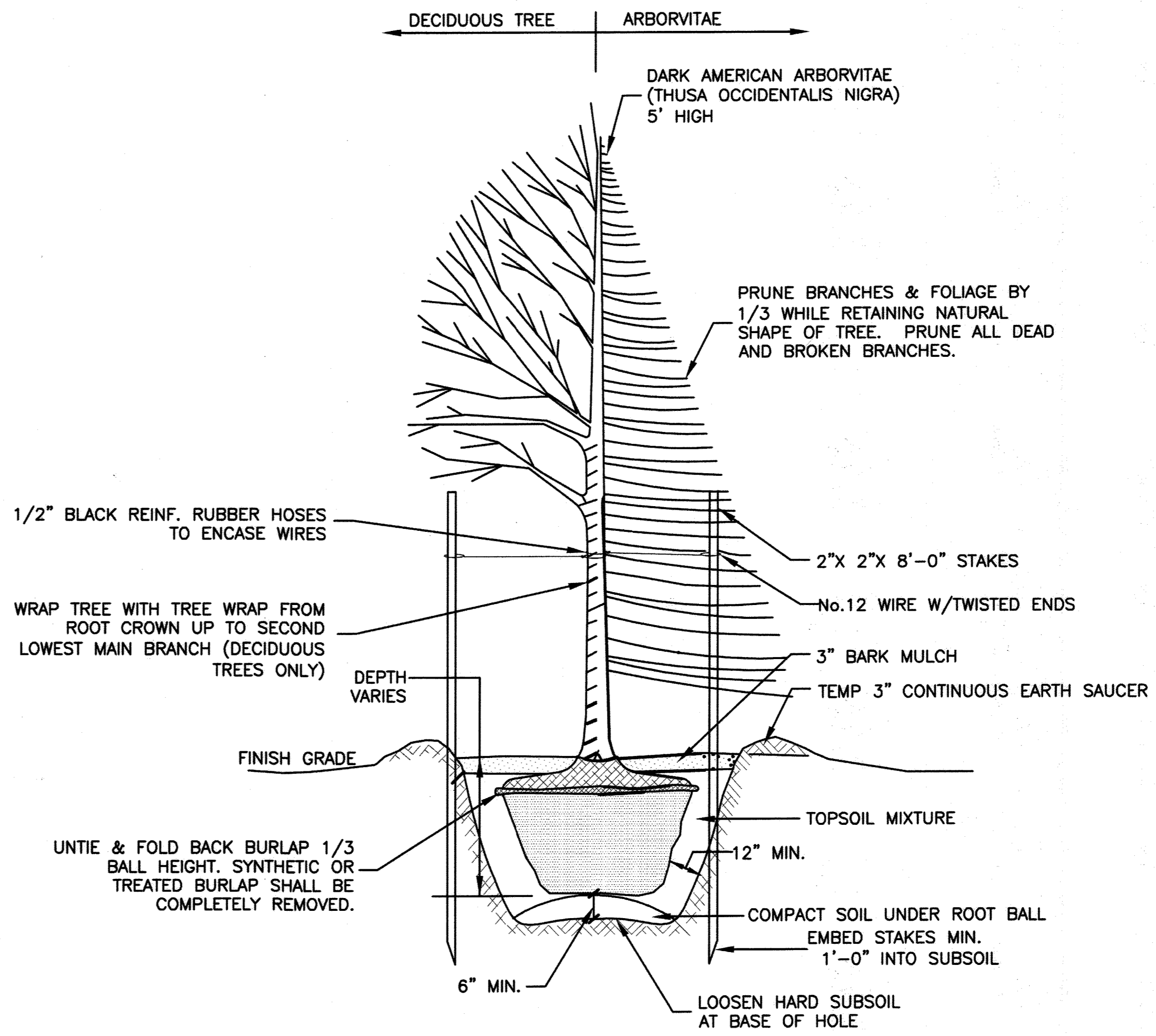
SHEET NUMBER  
**D-1**  
SHEET 9 OF 10



**LANDSCAPING NOTES:**

1. ALL PLANT MATERIALS AND PLANTING PROCEDURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
2. MULCH SHALL BE FINELY SHREDDED HARDWOOD BARK MULCH. DO NOT COVER THE ROOT CROWN OF TREES OR SHRUBS WITH MULCH. CUT TWINE AWAY FROM THE BASE OF THE TRUNK OR STEM AND PULL BURLAP DOWN AND OFF OF THE BALL TOP.
3. PLANTING BACKFILL MIX SHALL BE ONE PART LOOSE PEAT HUMUS, TO ONE PART SAND, TO ONE PART PARENT SOIL BY VOLUME.
4. SOIL SHALL BE AMENDED WITH THE FOLLOWING: 0.25LBS ORGANIC GRANULAR FERTILIZER (5-10-5), 0.75LBS OF BONEMEAL, 1.0LBS OF ROTTED COW MANURE PER CUBIC FOOT OF MIX.
5. THE CONTRACTOR SHALL WARRANTY ALL PLANTS AND MATERIALS FOR TWO YEARS FROM OWNERS ACCEPTANCE. ALL REPLACEMENTS SHALL BE AS ORIGINALLY SPECIFIED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION PROTECTION AND REPLACEMENT OF ANY UTILITIES DAMAGED ON SITE. FIELD ADJUST PLANT LOCATIONS TO AVOID UTILITIES, SWALES, OVERHEAD WIRES, EXISTING VEGETATION TO REMAIN ETC.
7. LEASEE IS RESPONSIBLE FOR THE COST AND MAINTENANCE OF ALL LANDSCAPING.
8. ALL PLANT MATERIALS MUST BE INSTALLED EQUAL TO OR GREATER THAN THE MINIMUM SIZES SPECIFIED. NO GENUS OR SPECIES SUBSTITUTIONS ALLOWED. CULTIVAR VARIATION ALLOWED WITH THE LANDSCAPE ARCHITECTS APPROVAL. ALL PLANTS WILL BE INSPECTED AND MEASURED FOR HOWARD COUNTY COMPLIANCE, PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY PERMIT.

PLANTING SCHEDULE		
QUANTITY	BOTANICAL - COMMON NAME	SIZE
8	AMERICAN ARBORVITAE - THUJA OCCIDENTALIS	5'-6" BB



- NOTE:**
1. LANDSCAPE TREES SHOWN SHALL BE EVERGREENS & SHALL BE A MINIMUM OF 5'-0" IN HEIGHT WHEN PLANTED.

**APPROVED** FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.

*[Signature]*  
COUNTY HEALTH OFFICER

DATE

**APPROVED** HOWARD CO. OFFICE OF PLANNING AND ZONING.

*Nathaniel J. Jellie*  
PLANNING DIRECTOR  
DATE 10-25-16

*Chad Edmondson*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION AND  
DATE 10-20-16

*Kevin J. DeLoach*  
CHIEF - DIV. OF LAND DEV. & ZONING ADMIN. DIV.  
DATE 10-25-16

**APPROVED** FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING. DATE

ENGINEER

**NB+C**  
TOTALLY COMMITTED.  
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6066 MARSHALLEE DRIVE, SUITE 300  
ELK RIDGE, MD 21075  
(410) 712-7052

APPLICANT

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Urban.Renewal.Wireless.  
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LITTLE ROCK, AR 72201

SITE INFORMATION

MD-0001  
9105 ALL SAINTS ROAD  
LAUREL, MD 20723  
HOWARD COUNTY  
LATITUDE: 39.122350  
LONGITUDE: -76.845143

DESIGN RECORD

REV	DATE	DESCRIPTION	BY
2	3/1/22	ADDED GEN. AND EXIST. EQUIP.	MS
1	08/03/16	REVISED PER COMMENTS	JJR
A	05/12/16	PRELIMINARY	CES

PROFESSIONAL STAMP

*[Professional Seal]*  
7/21/16

ENGINEER

SHEET TITLE

**LANDSCAPE PLAN & DETAILS**

SHEET NUMBER

**C-9**  
SHEET 10 OF 10