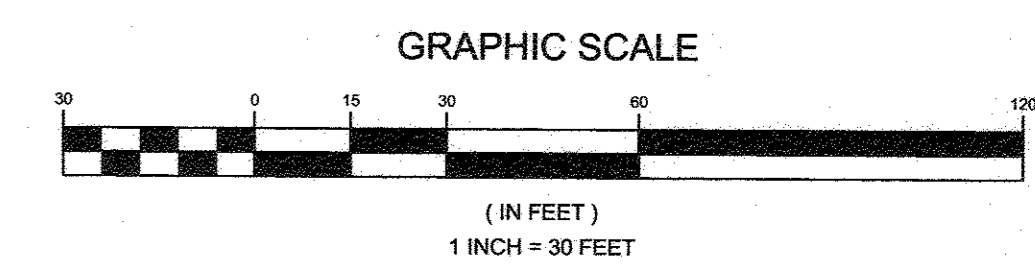
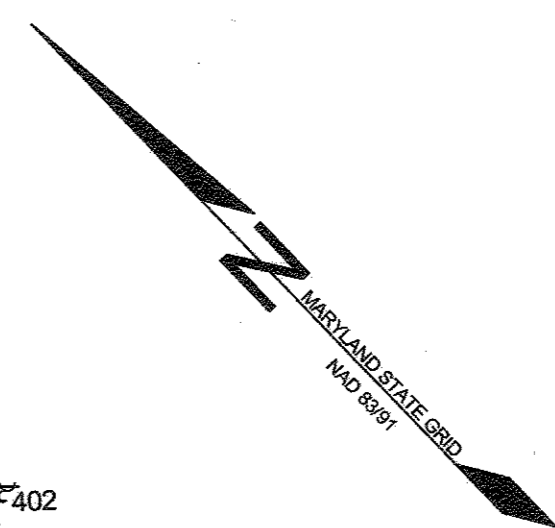




**LEGEND**

- EXISTING CONTOUR - - - - - 382
- EXISTING TREELINE ~~~~~
- CONC. CURB & GUTTER =====
- EXISTING GRAVEL - - - - -
- EXISTING SIDEWALK - - - - -
- EXISTING FENCE - x - x - x -
- BOUNDARY - - - - -
- ADJOINING BOUNDARY - - - - -
- EXISTING SANITARY SEWER - - - - -
- EXISTING STORM DRAINS - - - - -
- EXISTING WATER METER ⊗
- EXISTING TRANSFORMER ⊠
- EXISTING CABLE BOX ⊙
- EXISTING TELEPHONE BOX ⊕
- EXISTING VERIZON BOX ⊖
- EXISTING STORM DRAIN MANHOLE ⊗
- EXISTING SANITARY SEWER MANHOLE ⊙
- EXISTING SANITARY CLEANOUT ⊠
- EXISTING LIGHT POLE ⊕
- EXISTING SIGN ⊕
- EXISTING BOLLARD ⊙
- EXISTING SOIL BORING B-1
- PROPOSED PARKING COUNT ⊗
- PROPOSED UNDERDRAIN - - - - -



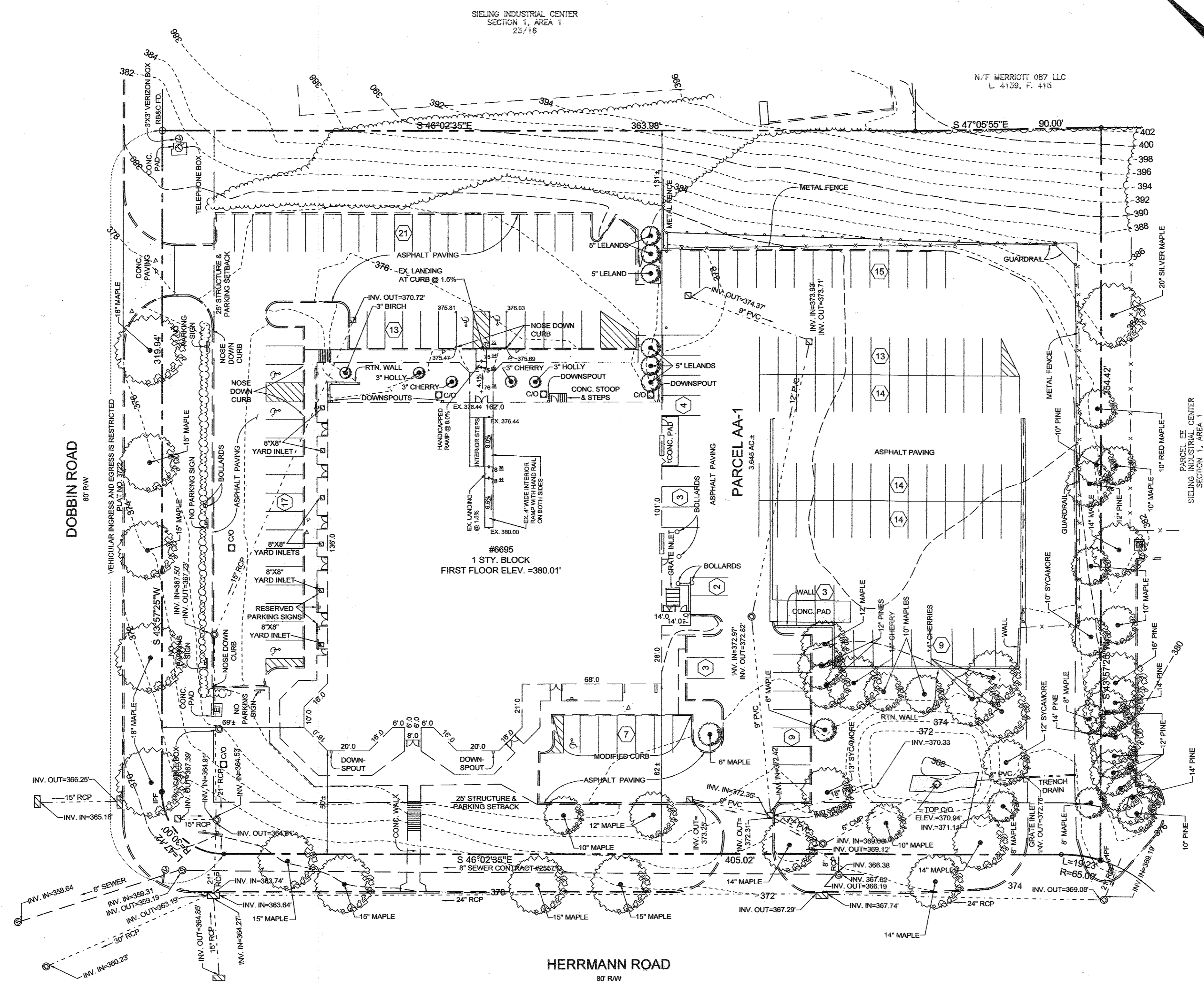
**THE PURPOSE OF THIS SHEET IS TO SHOW AS-BUILT CONDITIONS AND TO REMOVE THE PVIOUS PAVING**

**OWNER/DEVELOPER**  
 DOBBIN LLC  
 PO BOX 355  
 COLUMBIA, MD 21045-0355

**REVISED SITE DEVELOPMENT PLAN  
 AS BUILT CONDITIONS  
 REDDING RENTAL**  
 8900 HERMANN DRIVE, COLUMBIA, MD

TAX MAP 36 GRID 23 PARCEL 424  
 16TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

	<b>SILL ENGINEERING GROUP, LLC</b> 11130 Dovedale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 410.325.3076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development	DESIGN BY: PS DRAWN BY: PS CHECKED BY: PS SCALE: AS SHOWN DATE: JANUARY 10, 2016 PROJECT #: 15-027 SHEET #: 1A of 8
	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. 36225, EXPIRATION DATE: JUNE 20, 2017	



**PLAN VIEW**  
 SCALE: 1"=30'

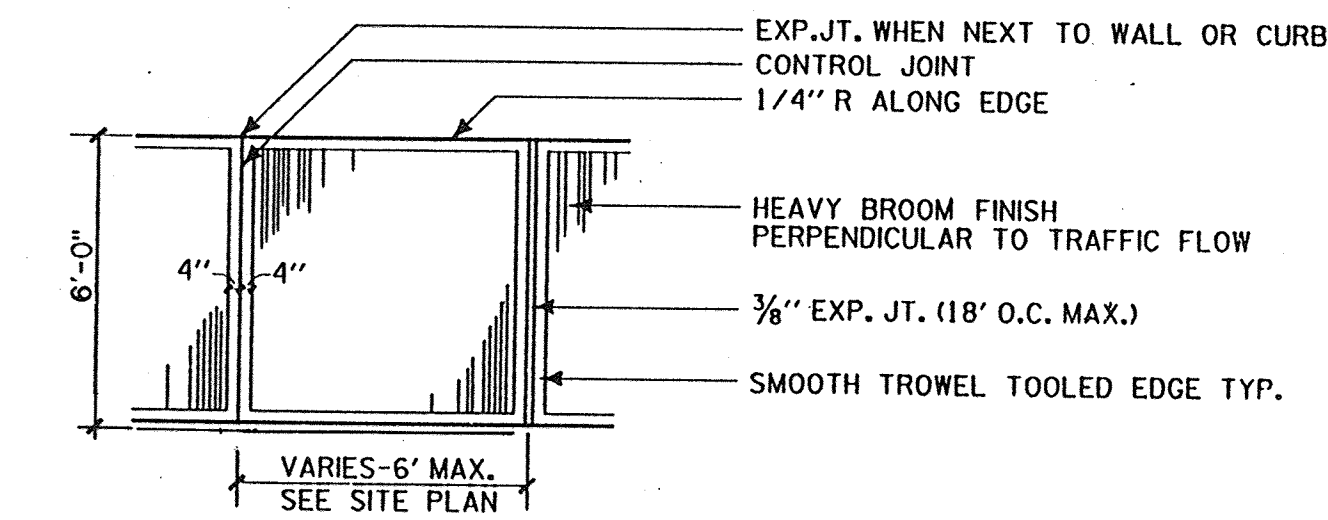
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 1-27-17  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*[Signature]* 2/10/17  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

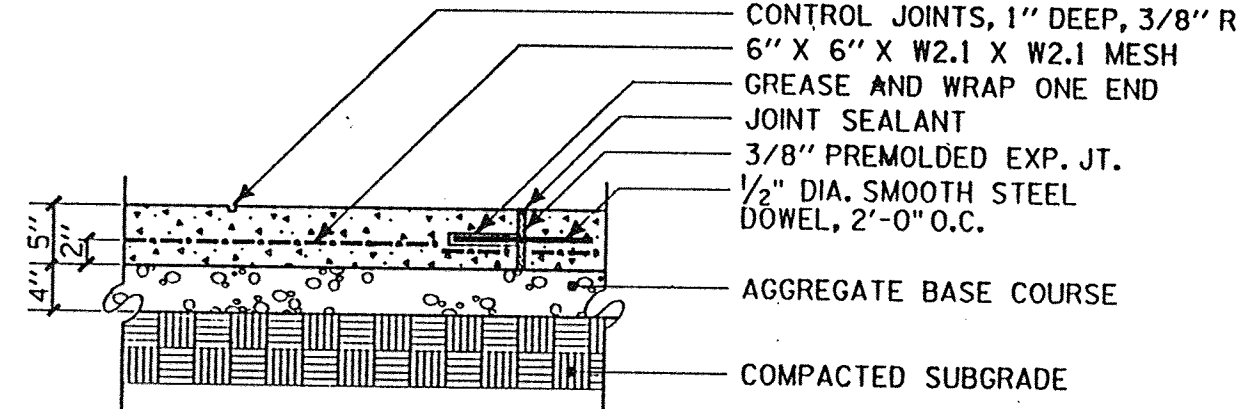
*[Signature]* 2-1-17  
 DIRECTOR DATE

No.	DESCRIPTION	DATE
1	REVISED HANDICAPPED ACCESS TO NORTH EAST SIDE OF BLDG. WITH SPOT ELEVATIONS AND ADDED INTERIOR RAMP, LANDING AND FINISHED FLOOR SPOT ELEVATIONS AND REMOVED PERVIOUS PAVING	1/10/2017
<b>REVISIONS</b>		



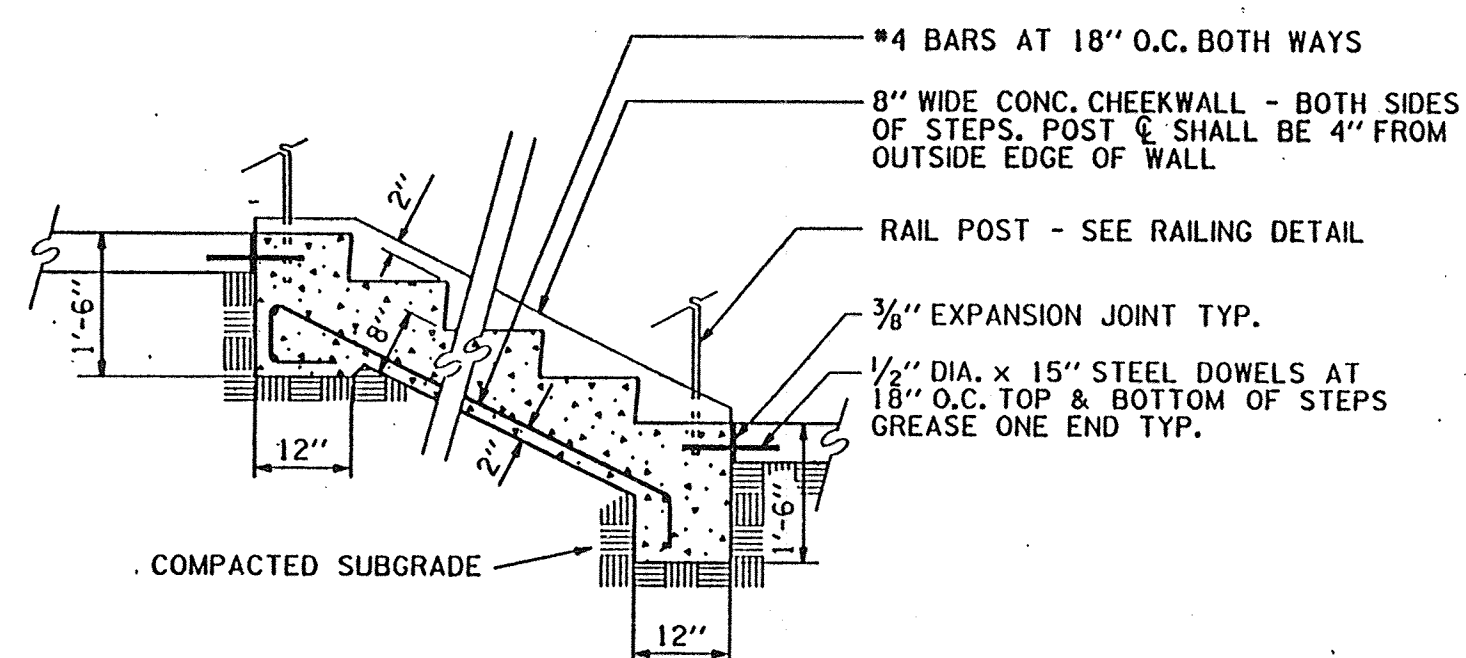
PLAN

3/8" = 1'-0"

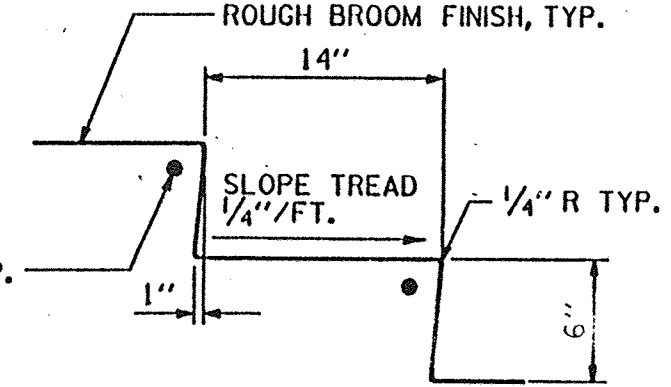


SECTION

3/4" = 1'-0"



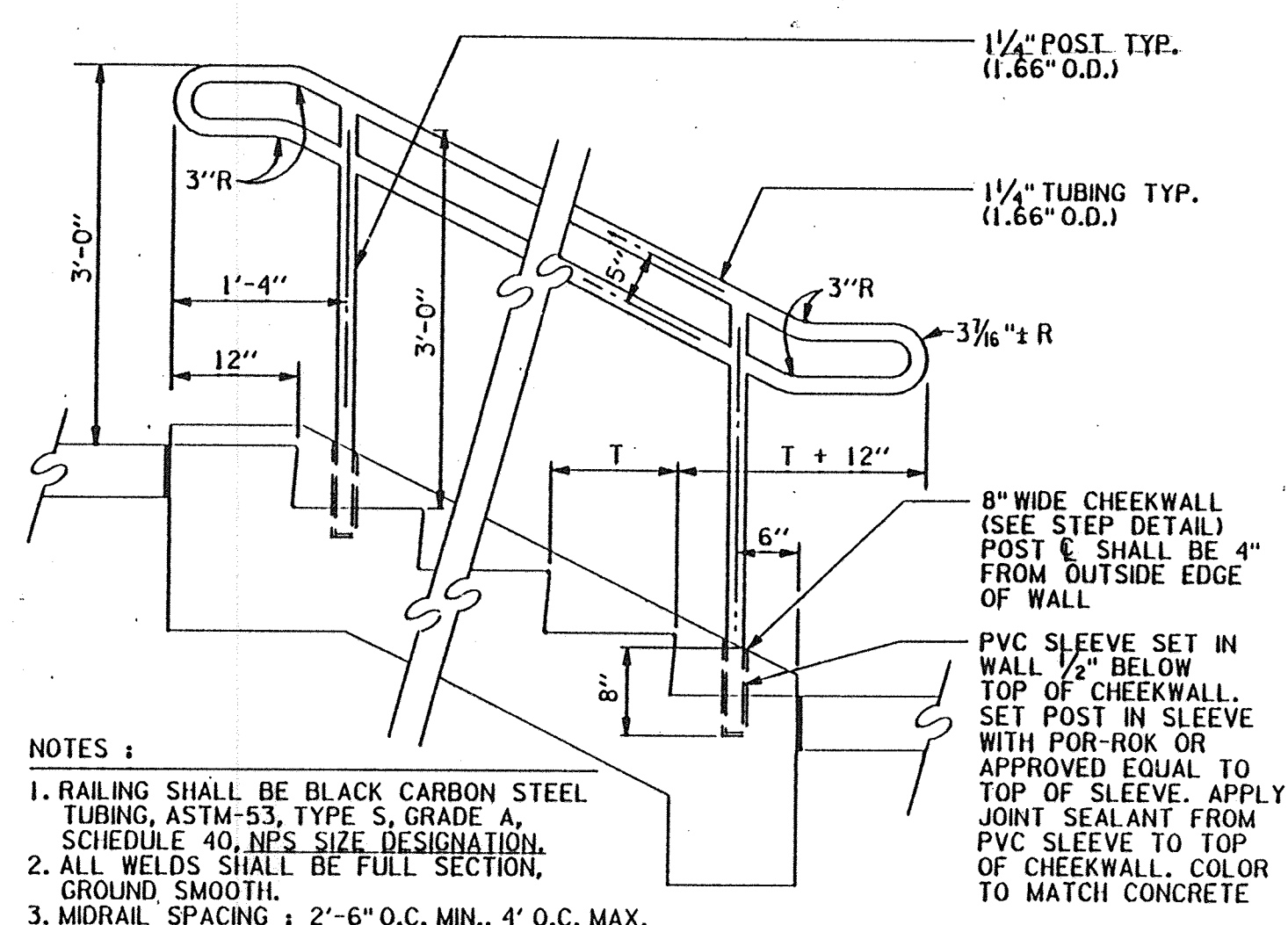
TYPICAL SECTION



TYPICAL RISER/TREAD SECTION

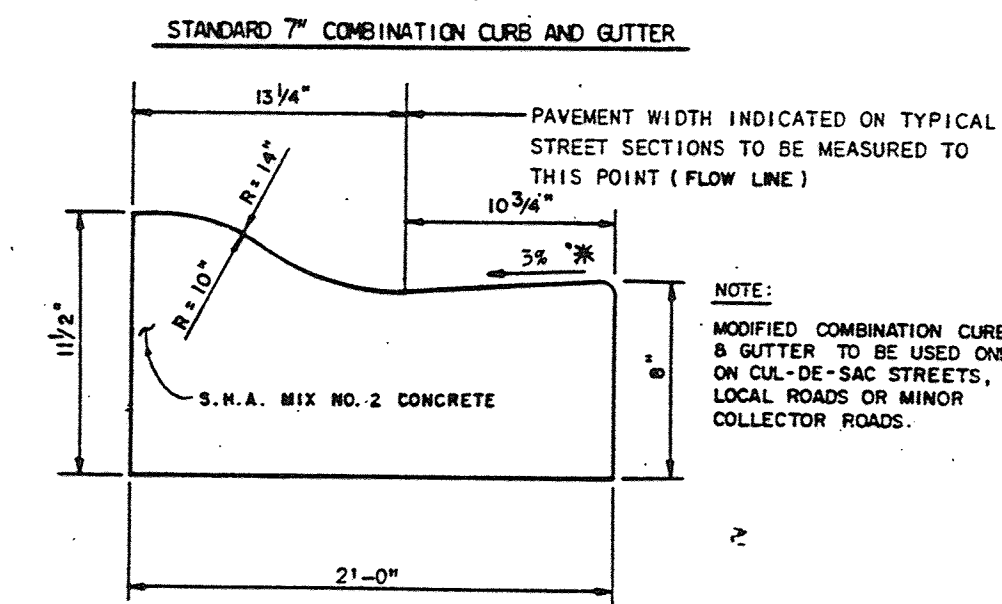
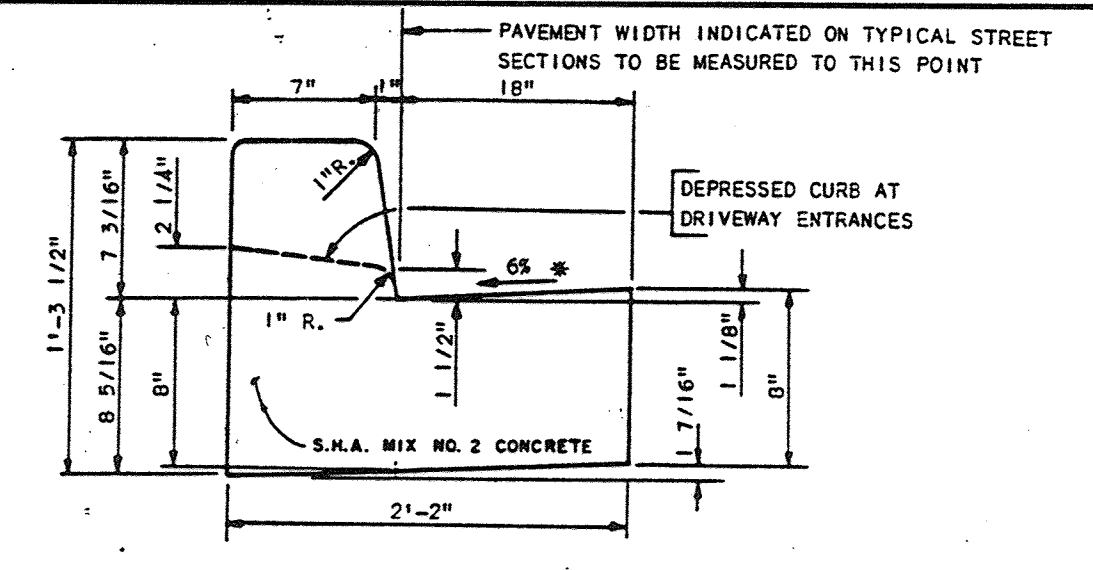
NOT TO SCALE

NOTE: SEE SITE PLAN FOR NUMBER OF RISERS.



NOTES:

1. RAILING SHALL BE BLACK CARBON STEEL TUBING, ASTM-53, TYPE S, GRADE A, SCHEDULE 40, NPS. SIZE DESIGNATION.
2. ALL WELDS SHALL BE FULL SECTION, GROUND SMOOTH.
3. MIDRAIL SPACING: 2'-6" O.C. MIN., 4' O.C. MAX.
4. RAILING SHALL COMPLY WITH 1990 BOCA CODE, SECTIONS 825.0 & 1109.0
5. SEE SPECIFICATIONS FOR PAINTING.



\* GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE-ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AND IN THE SAME DIRECTION AS THE PAVEMENT. MATCH PAVEMENT CROSS SLOPE WHEN CURB IS LOCATED ON THE LOW SIDE OF SUPERELEVATED SECTION AND THE RATE OF SUPERELEVATION IS GREATER THAN 3% FOR MODIFIED CURB AND GUTTER.

1 CONCRETE WALK

2 CONCRETE STEPS

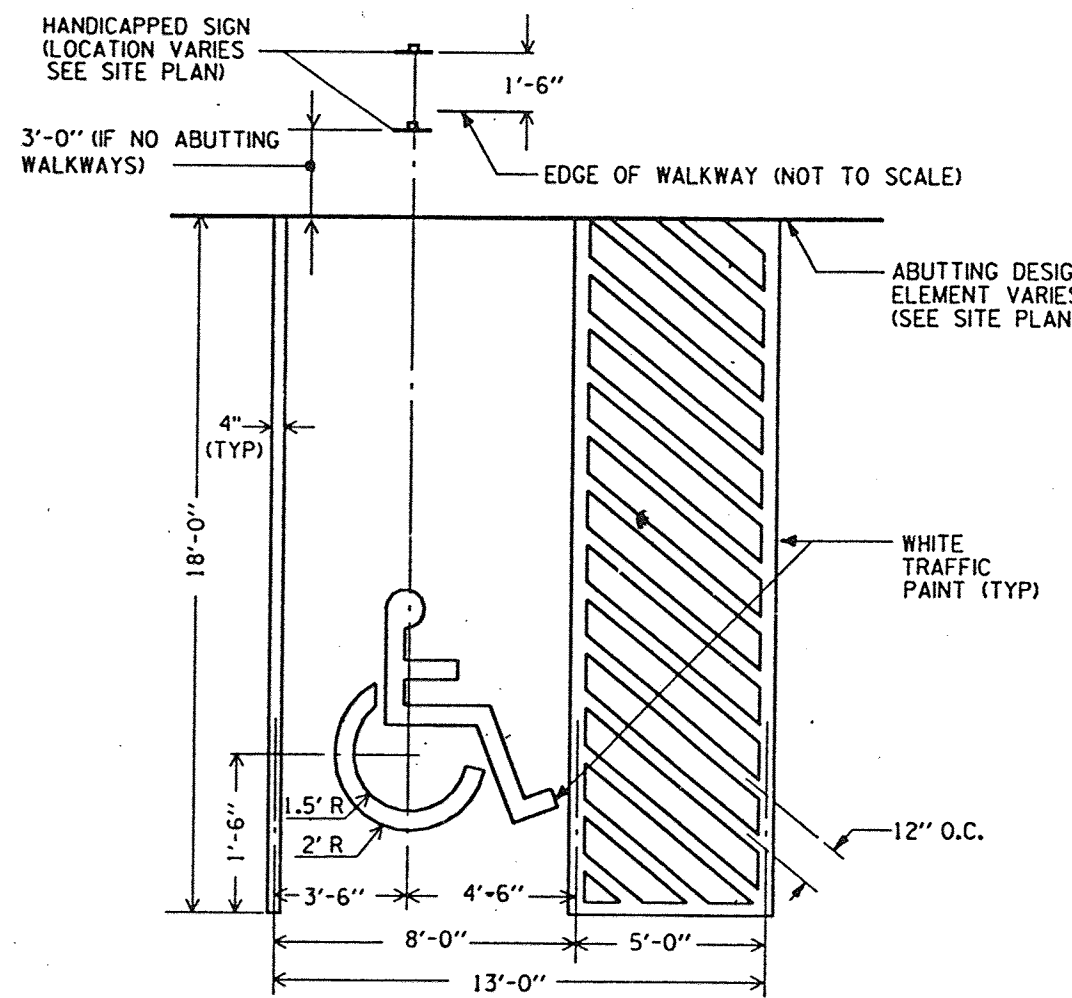
1/2" = 1'-0"

3 STAIR RAILING

3/4" = 1'-0"

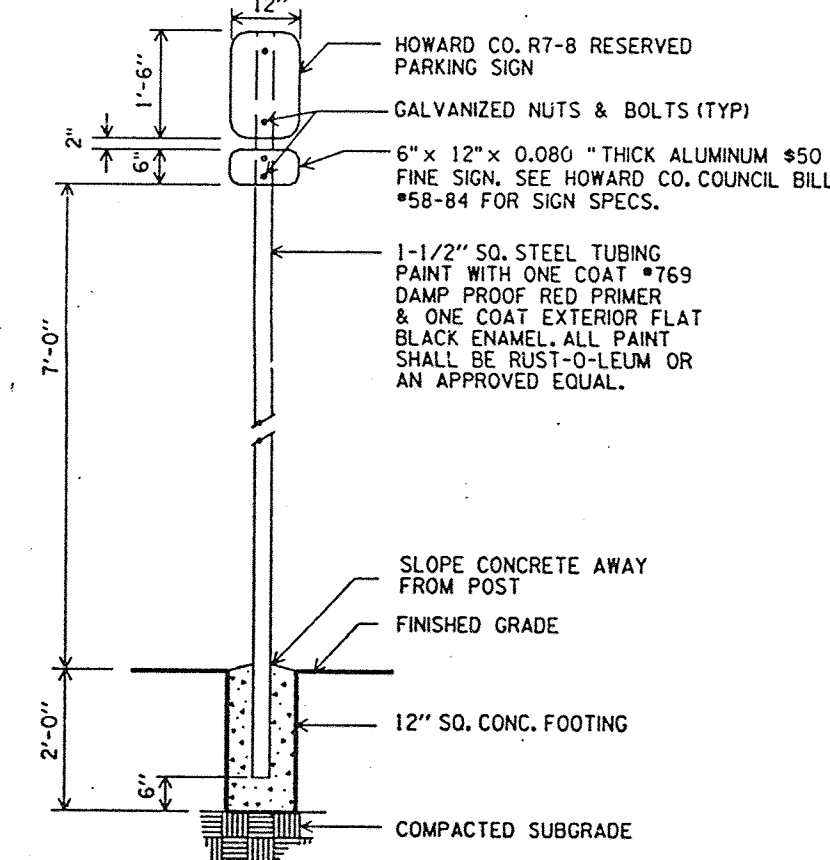
4 CURB & GUTTER

NOT TO SCALE



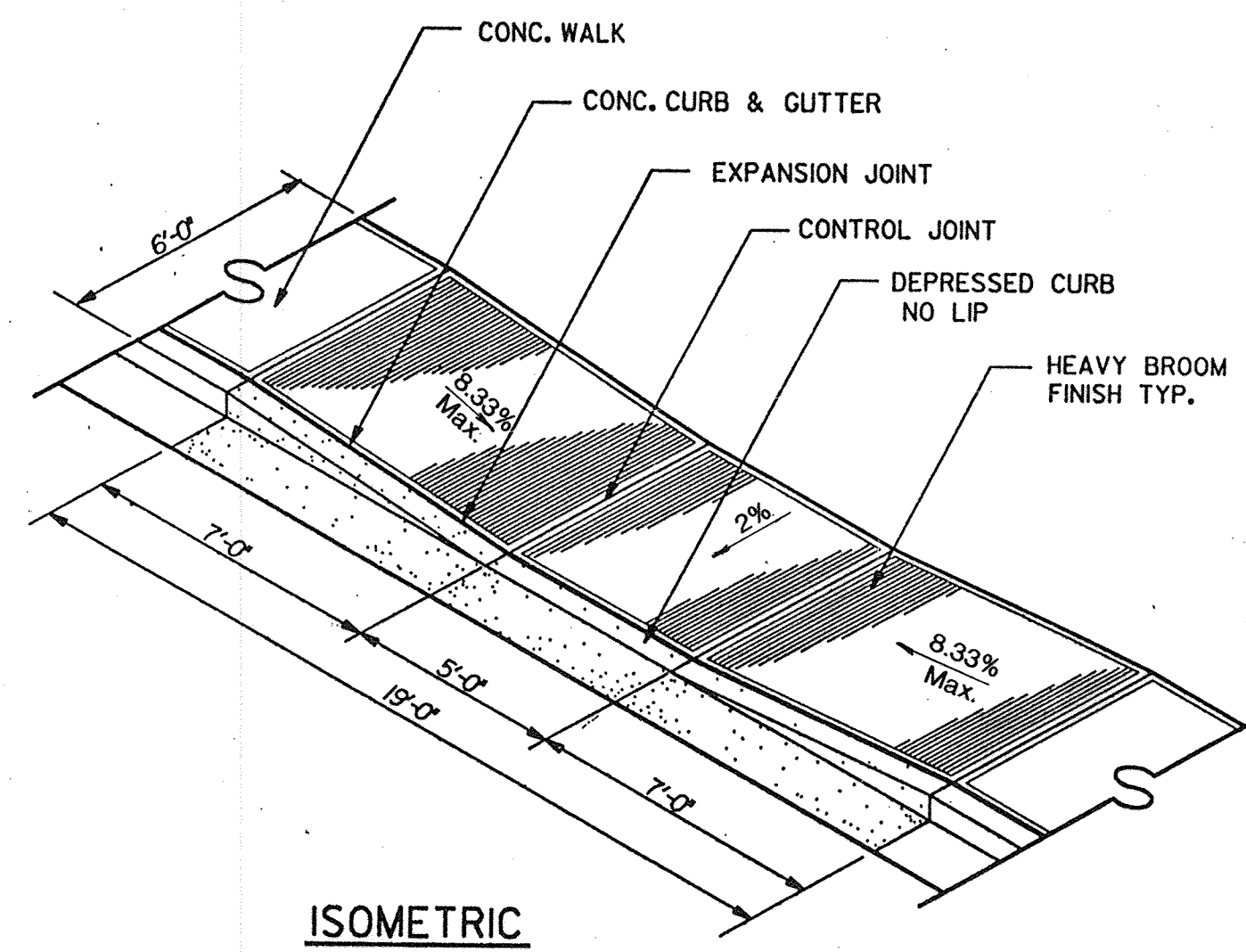
5 HANDICAPPED PARKING SPACE

NOT TO SCALE

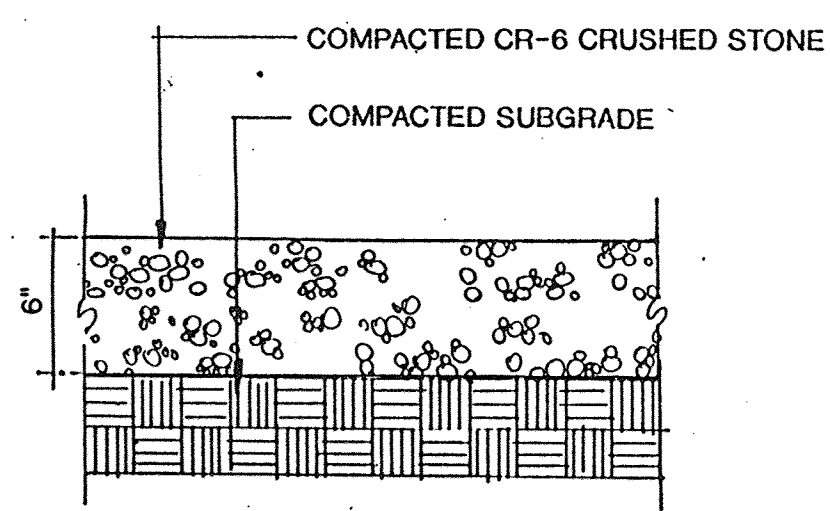


6 HANDICAPPED SIGN

NOT TO SCALE

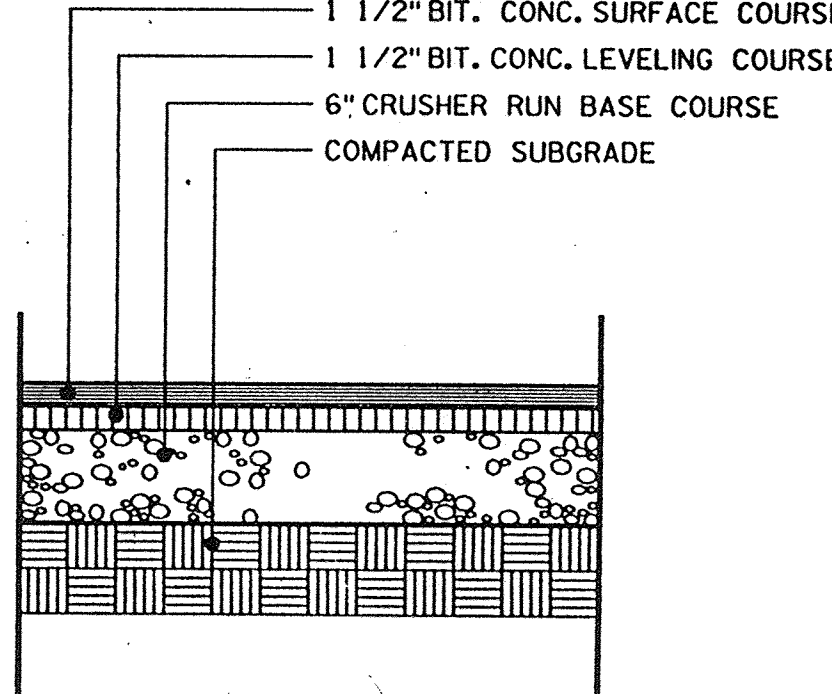


7 TYPICAL HANDICAPPED RAMP



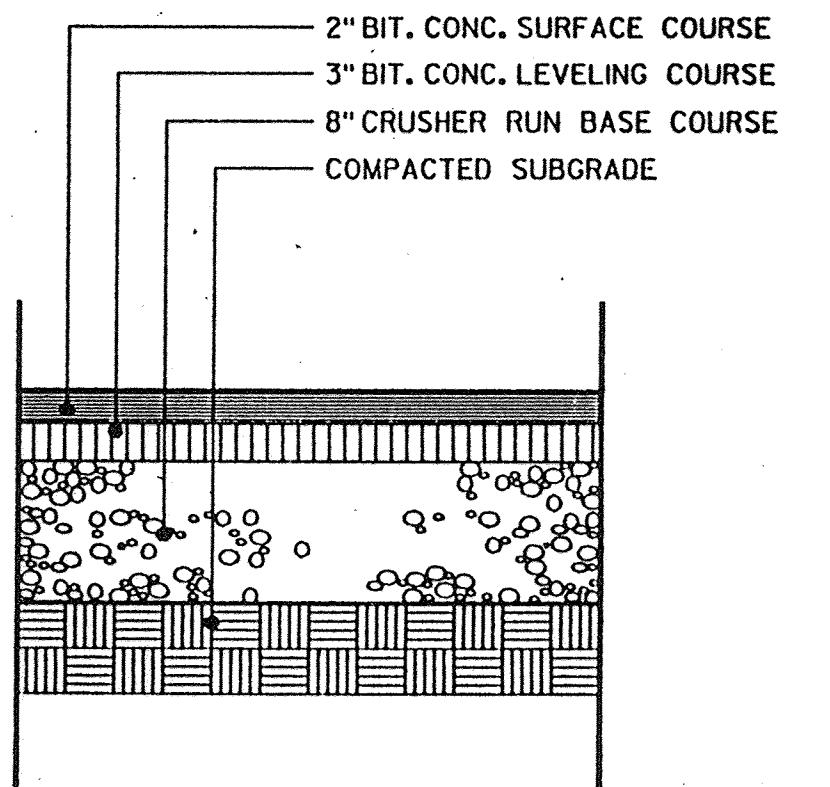
8 CRUSHED STONE PAVING

1/1 1/2" = 1'-0"



9 LIGHT DUTY PAVING

1" = 1'-0"



10 HEAVY DUTY PAVING

1" = 1'-0"

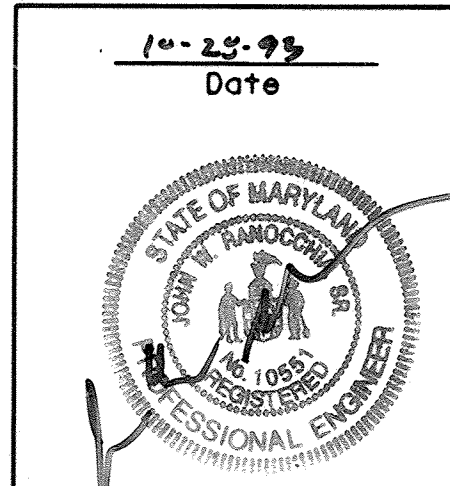
OWNER:  
Sweetwater Land and Cattle Co.  
1917 Arroya Rd.  
Dalhart, Texas 79022

APPROVED  
PLANNING BOARD  
of HOWARD COUNTY  
DATE 10/14/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>[Signature]</i> COUNTY HEALTH OFFICER	11-16-93 DATE
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING	
<i>[Signature]</i> DIRECTOR	11/18/93 DATE
<i>[Signature]</i> CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH	11/18/93 DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>[Signature]</i> DIRECTOR	11/16/93 DATE
<i>[Signature]</i> CHIEF BUREAU OF ENGINEERING	11/10/93 DATE



FOR REVISION #1



1/30/2019	1	CHANGE IF ADDRESS AND PAGE NUMBER
Date	No.	Revision Description

Sieling Industrial Center, Section 1, Area 1 Parcel AA-1.  
PLAT 3722 Liber 641 Folio 16th Election District  
Tax Map 36 Parcel.424

**DEVELOPER**

Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia, MD 21044 (410) 730-5111

**DMW**  
Daft · McCune · Walker, Inc.  
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals  
200 East Pennsylvania Avenue  
Towson, Maryland 21286  
410.286.1313  
Fax 296.4705

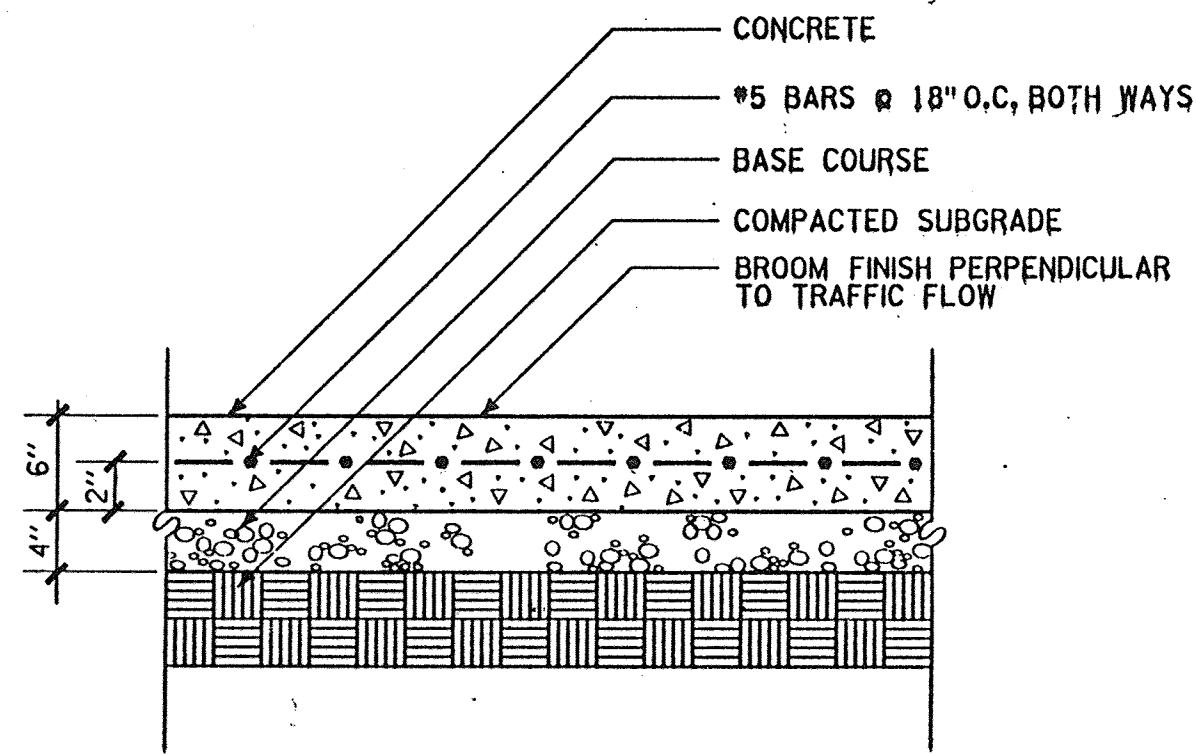
**SITE DETAILS**

**REDDING RENTAL**  
6695 DOBBIN ROAD, COLUMBIA, MD

Des By THR/HGP	Scale 1"=30'-0"	Proj. No. 93027
Drn By HGP	Date 6/25/93	
Chk By MWF	Approved THR	2 OF 9

Professional Eng. No. 10551

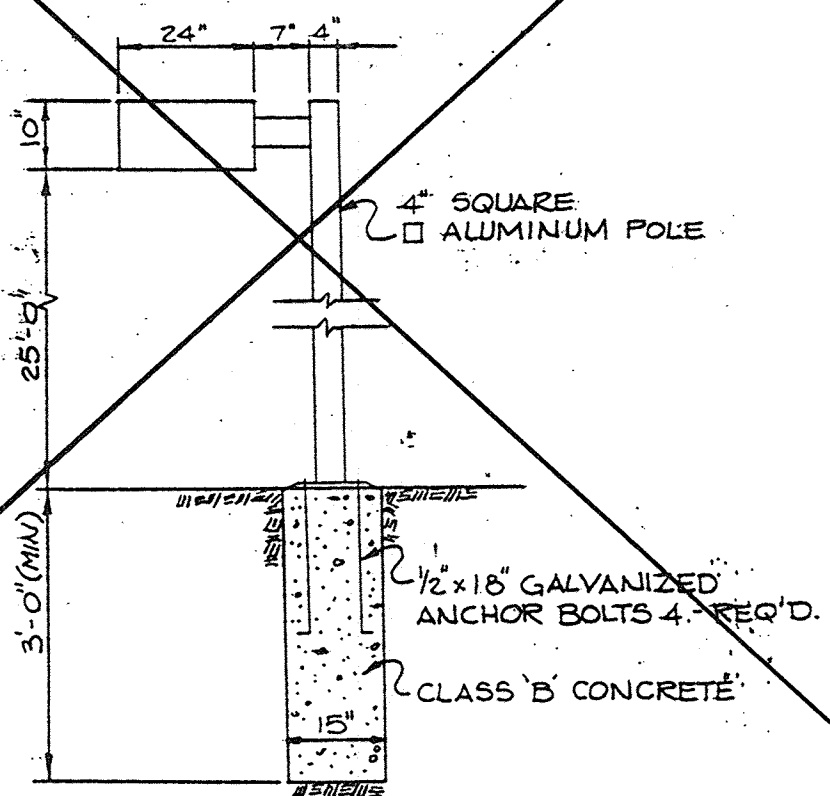
SDP-93-131



11 CONCRETE PAVING

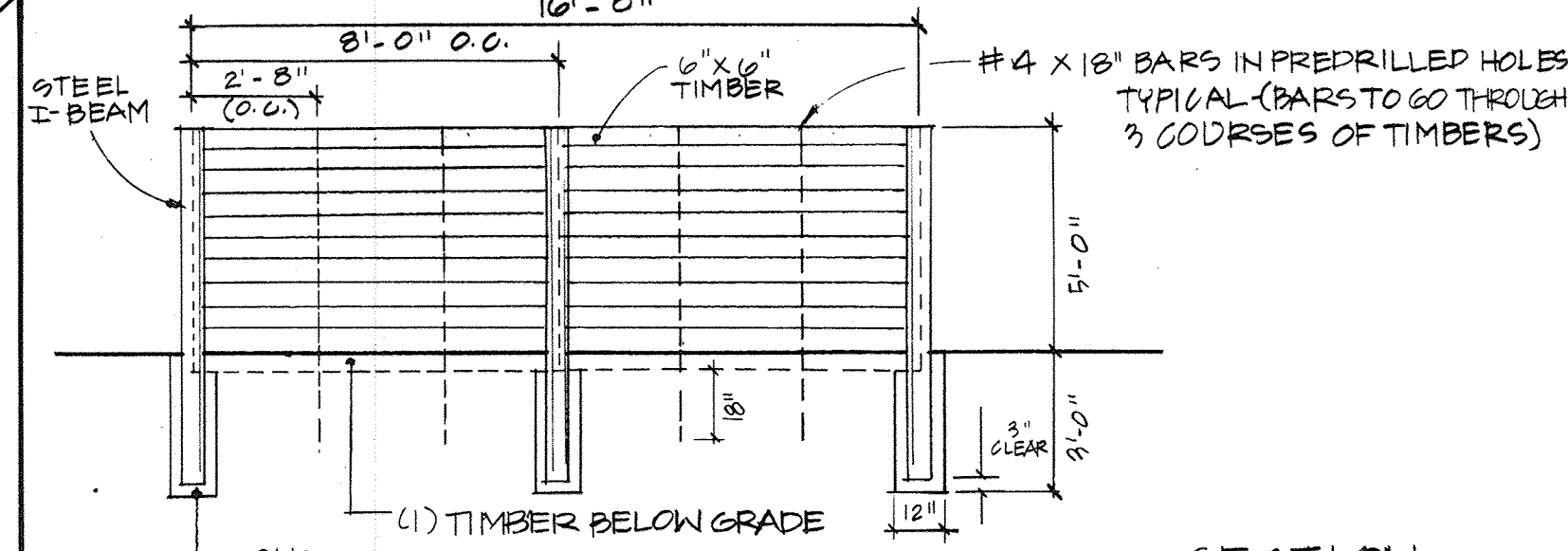
SCALE: 1"=1'-0"

1. ALL LIGHT FIXTURES TO BE SINGLE LUMINAIRE 400 WATT MERCURY TYPE WITH METAL POLES AND DIRECTED DOWNWARD.
2. LOCATIONS OF LIGHT FIXTURES ARE ON THE PLAN AND ARE SHOWN THUS
3. LIGHTS TO BE MODULE II TYPE AS MANUFACTURED BY MOLD-CAST OR APPROVED EQUAL.
4. POLE AND FIXTURE TO HAVE BLACK POLYESTER ENAMEL FINISH.
5. POLE TO BE LOCATED 3' BACK FROM BACK OF CURB.

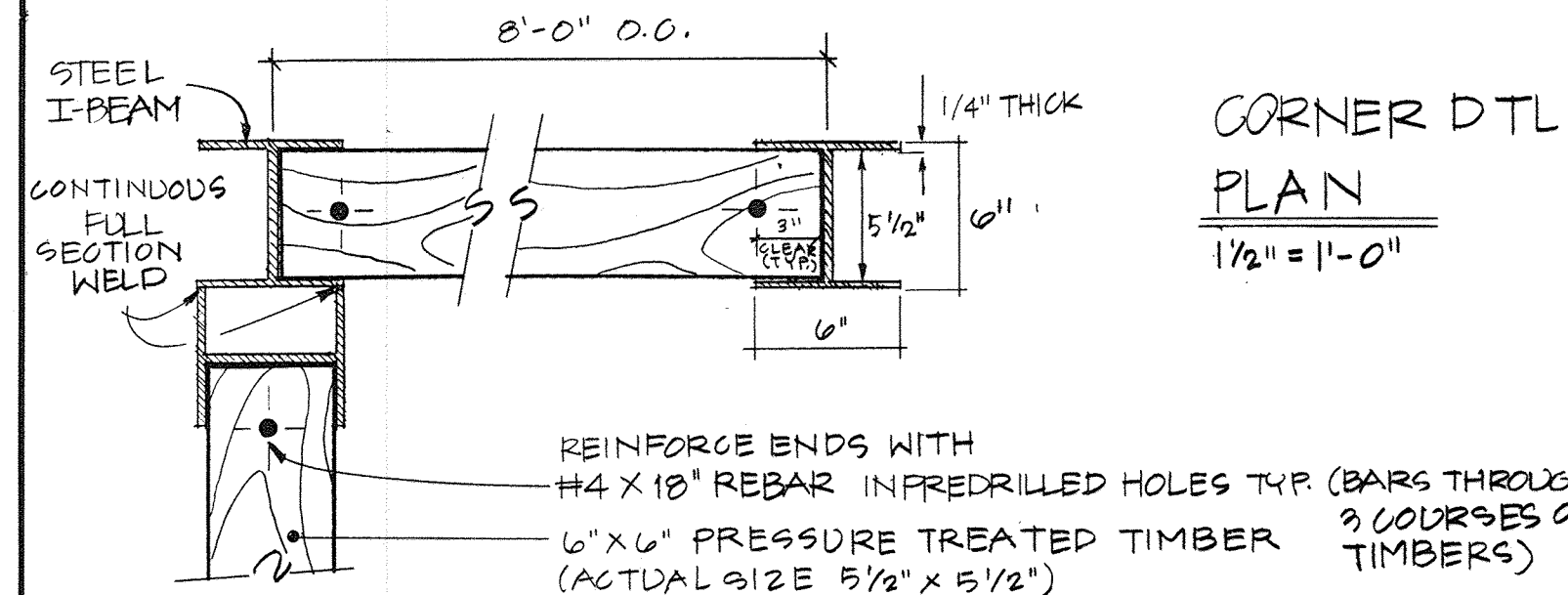


12 LIGHT POLE

NOT TO SCALE

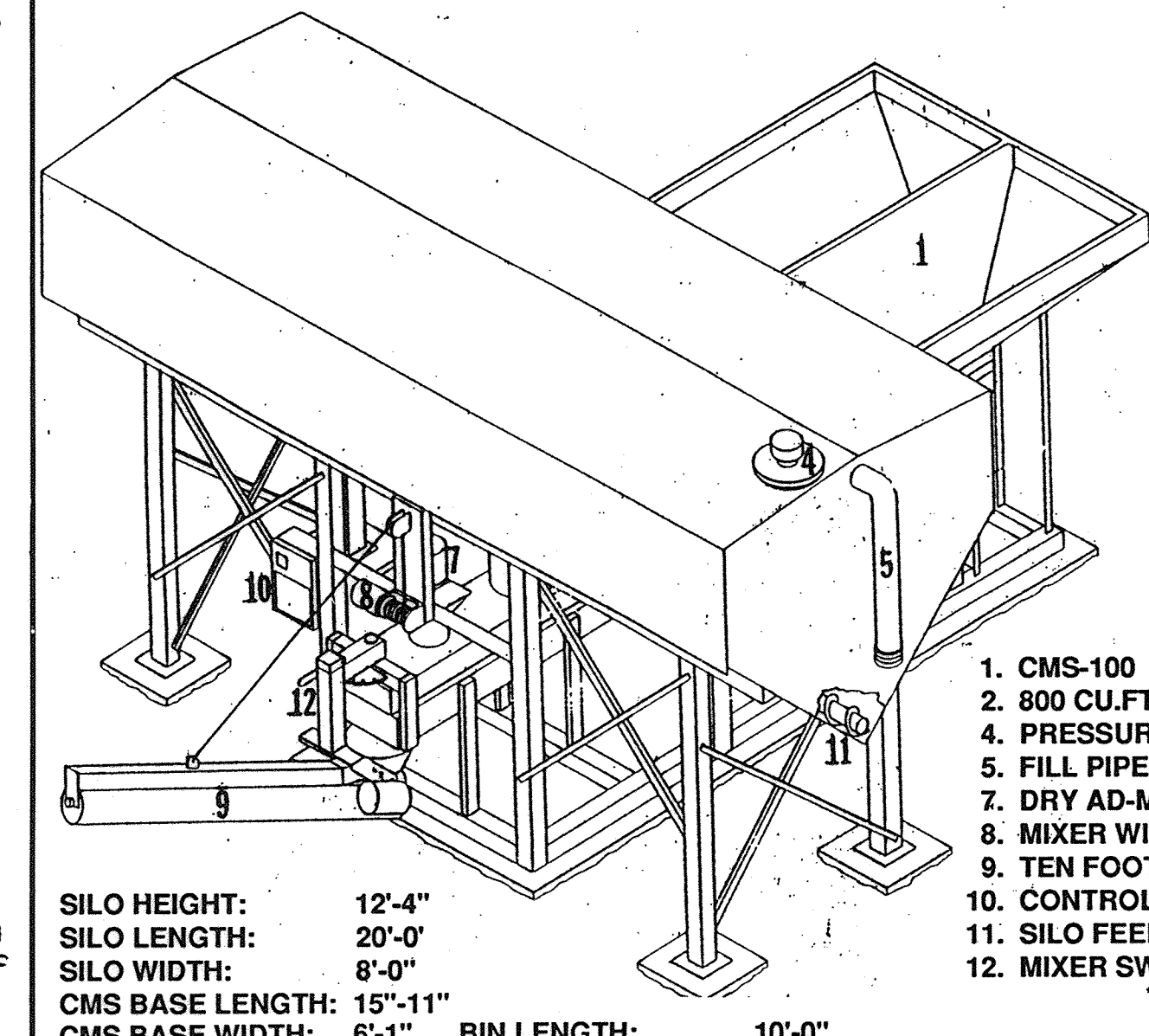


SECTION  
1/4"=1'-0"



CORNER DTL.  
PLAN  
1/2"=1'-0"

13 AGGREGATE BIN

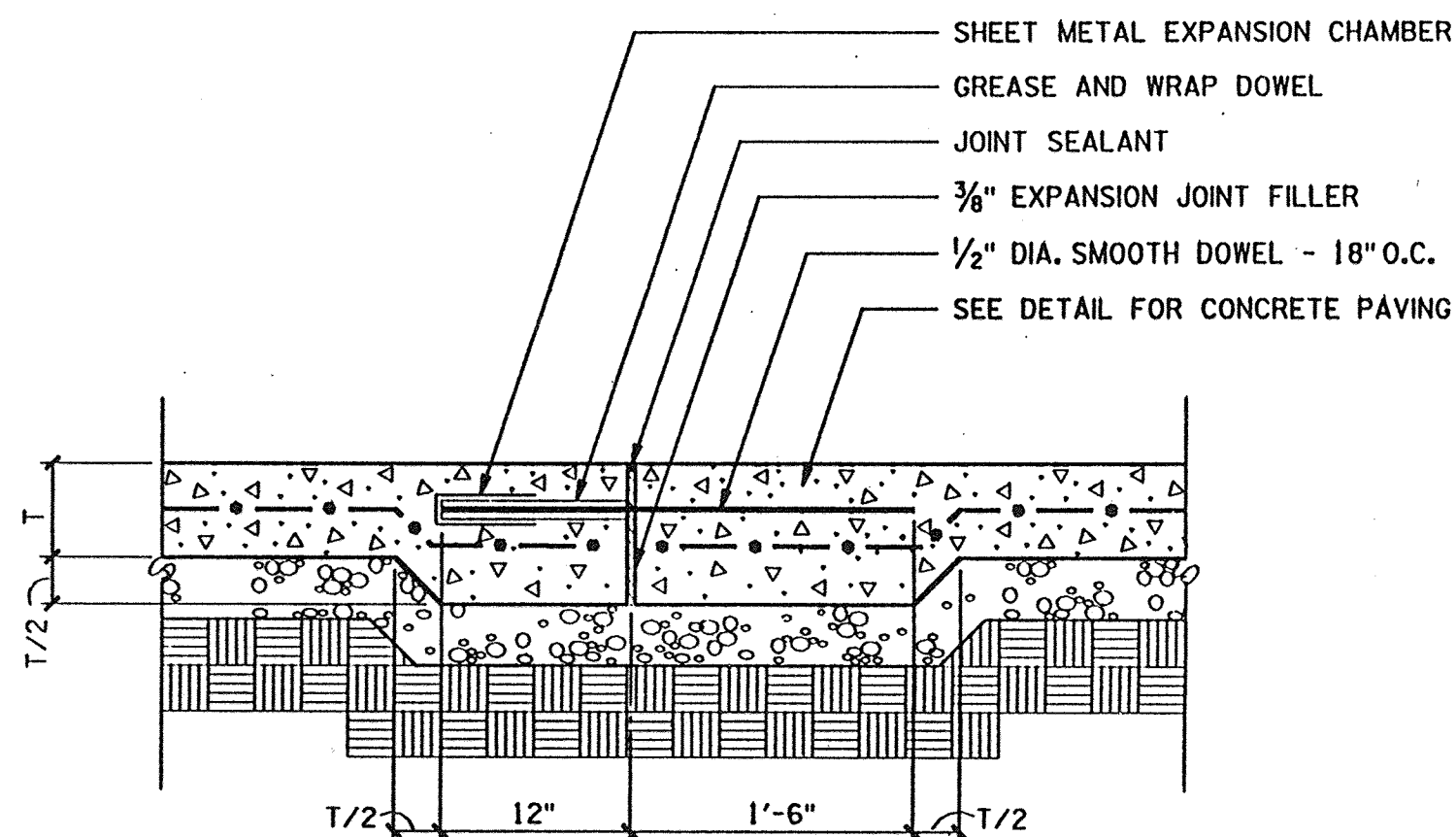


SILO HEIGHT: 12'-4"  
SILO LENGTH: 20'-0"  
SILO WIDTH: 8'-0"  
CMS BASE LENGTH: 15"-11"  
CMS BASE WIDTH: 6'-1" BIN LENGTH: 10'-0"  
BIN HEIGHT: 8'-3" BIN WIDTH: 8'-0"

1. CMS-100
2. 800 CU.FT. HORIZONTAL SILO
3. PRESSURE RELIEF VALVE
4. FILL PIPE
5. DRY AD-MIX DISPENSER
6. MIXER WINCH
7. TEN FOOT MIXER
8. CONTROL PANEL
9. SILO FEED AUGER
10. CONTROL PANEL
11. SILO FEED AUGER
12. MIXER SWIVEL

14 CONCRETE BATCHER

NOT TO SCALE

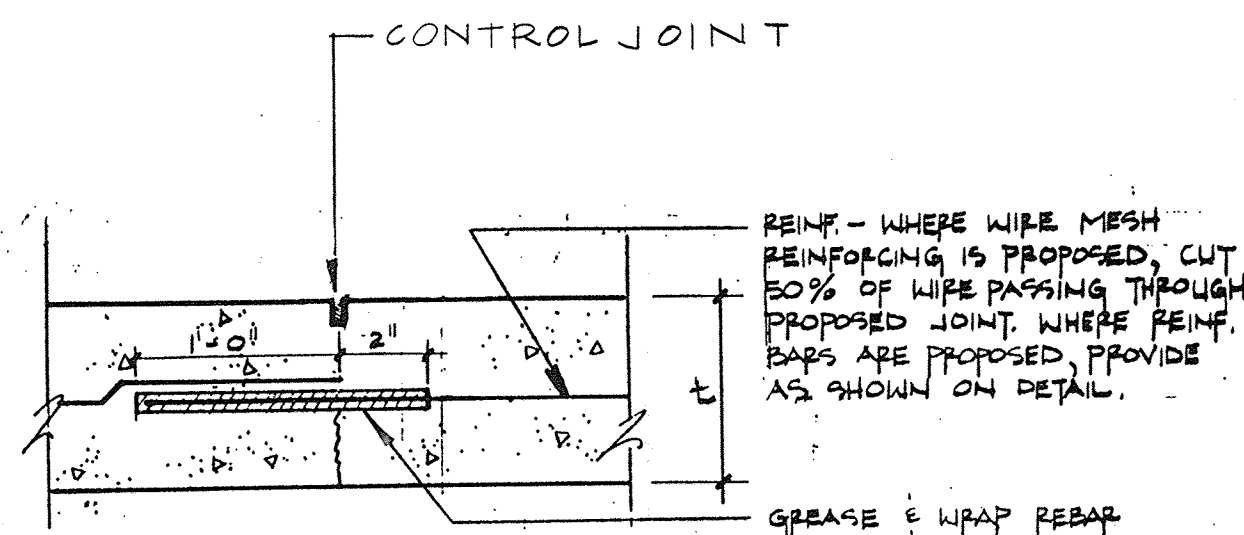


SECTION

NOTE: DOWEL TREATMENT IS NOT REQUIRED FOR ISOLATION JOINT PROVIDED AROUND BATCHER RAISED SLAB.

15 CONCRETE PAVING EXPANSION JOINT

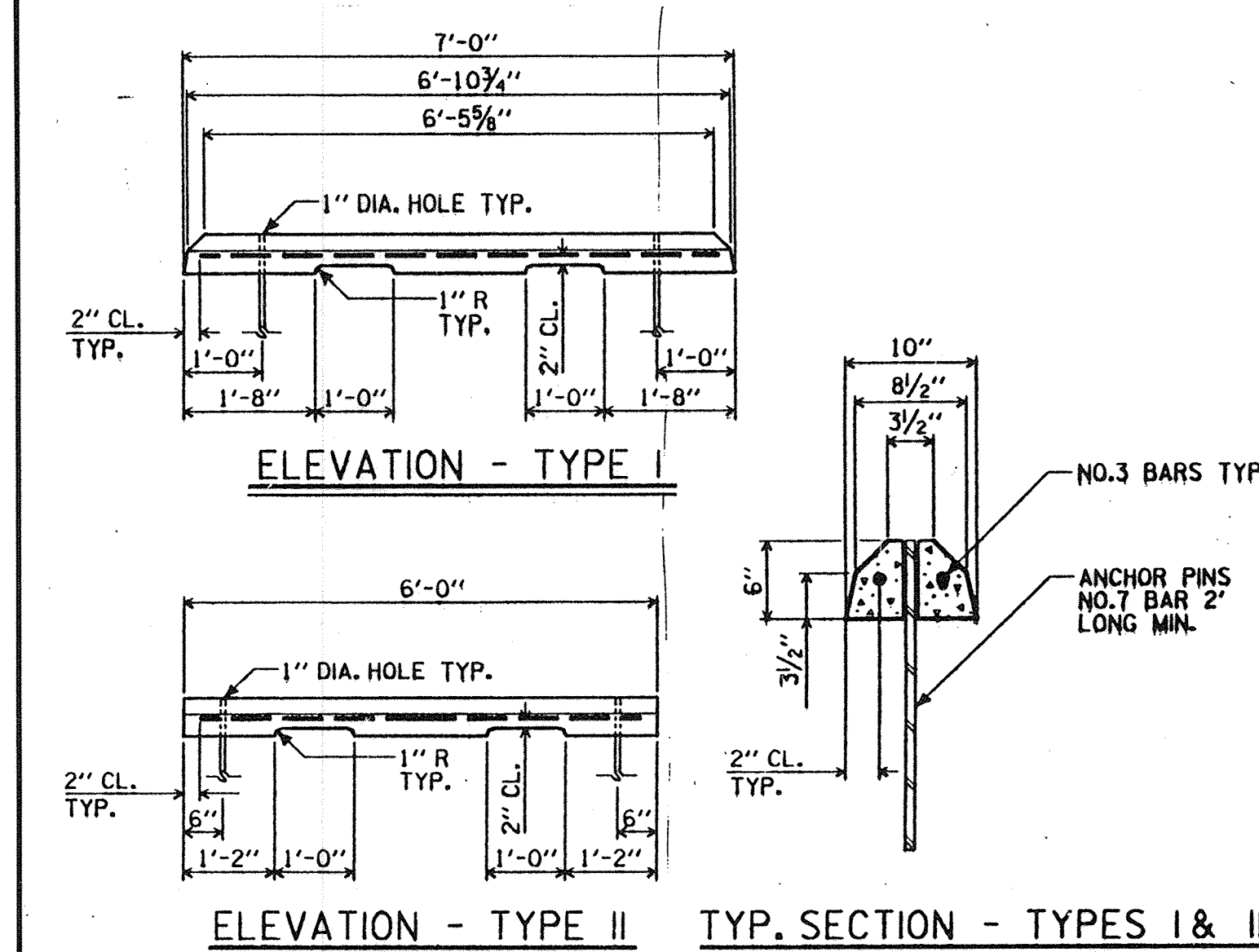
NOT TO SCALE



NOTE: CONTROL JOINTS TO BE SAWCUT 1/5 TH OF DEPTH OF PAVING WITHIN 20 HOURS OF POURING.

16 CONTROL JOINT

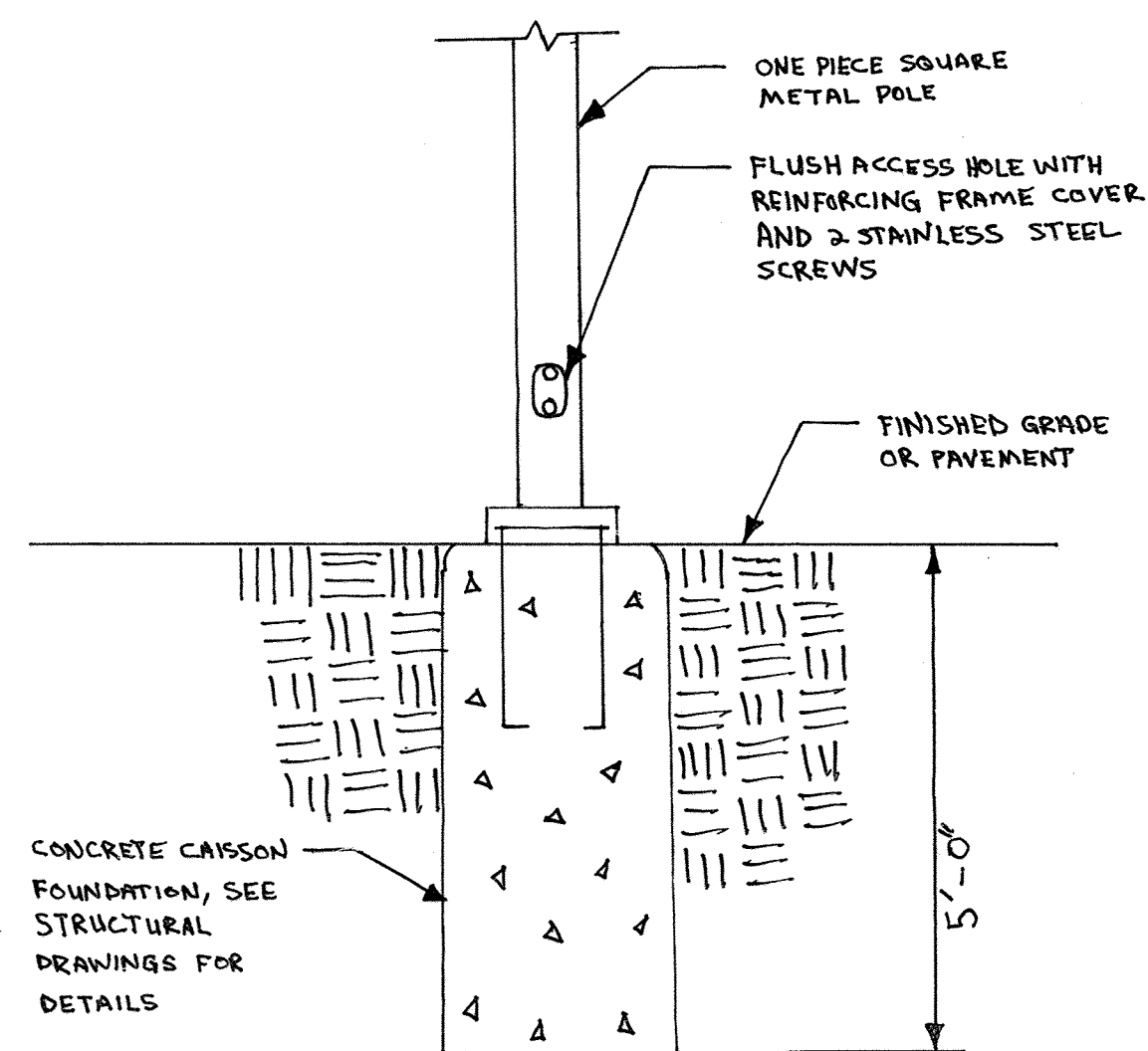
NOT TO SCALE



ELEVATION - TYPE II TYP. SECTION - TYPES I & II

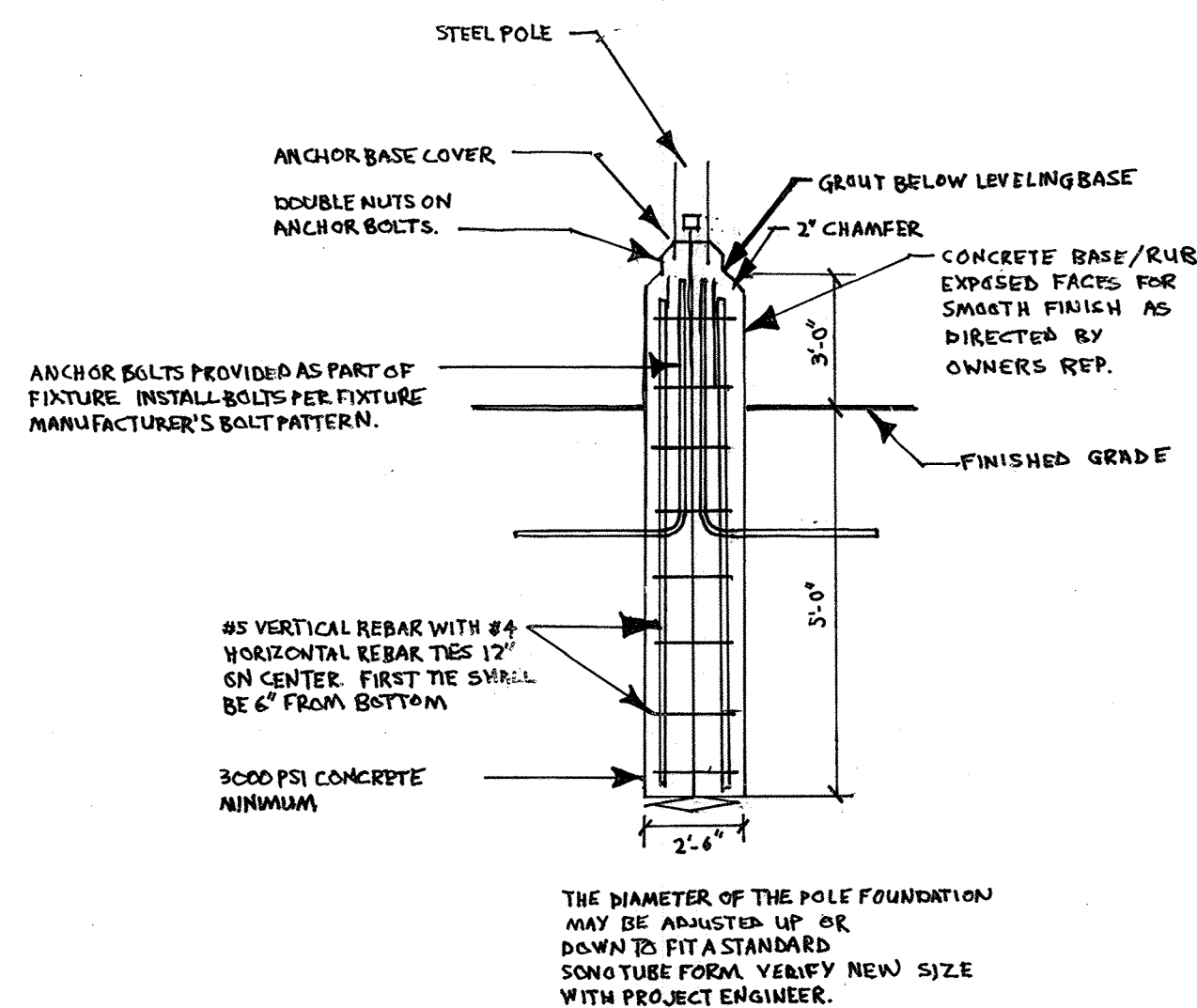
17 PRECAST CONCRETE WHEELSTOP

SCALE: 1/2"=1'-0"



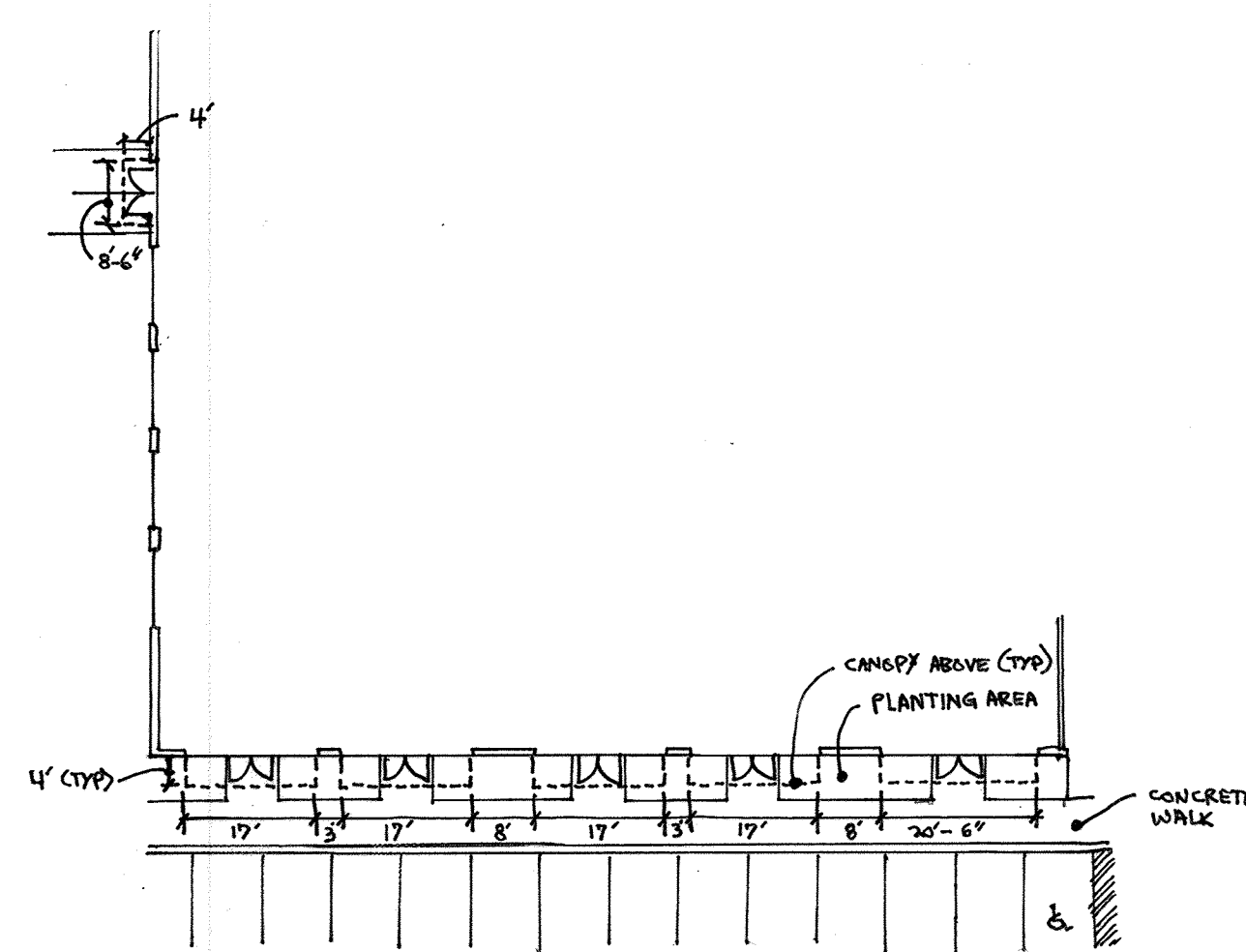
18 LIGHTING FOUNDATION 1

NTS.



19 LIGHTING FOUNDATION 2

NTS.



20 CANOPY LAYOUT

NTS.

Owner:  
Sweetwater Land and Cattle Co.  
1917 Arroya Rd.  
Dalhart, Texas 79022

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10/14/93

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

*Joseph R. ...* 11-16-93  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*James Smith* 11/18/93  
DIRECTOR DATE  
*Gina Summary* 11/16/93  
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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

*James G. ...* 11/16/93  
DIRECTOR DATE  
*Edmund ...* 11/10/93  
CHIEF BUREAU OF ENGINEERING DATE

8-22-08	1	Rev. Details
6/13/19	2	CHANGE ADDRESS AND PAGE NUMBER
Date	No.	Revision Description

Sieling Industrial Center, Section 1, Area 1 Parcel AA-17  
PLAT 3722 Liber 641 Folio 1 6th Election District  
Tax Map 36 Parcel 424

DEVELOPER

Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia, MD 21044 (410) 730-5111

**DMW**  
Daft • McCune • Walker, Inc.  
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals  
200 East Pennsylvania Avenue  
Towson, Maryland 21286  
410 236 3333  
Fax 236 4705

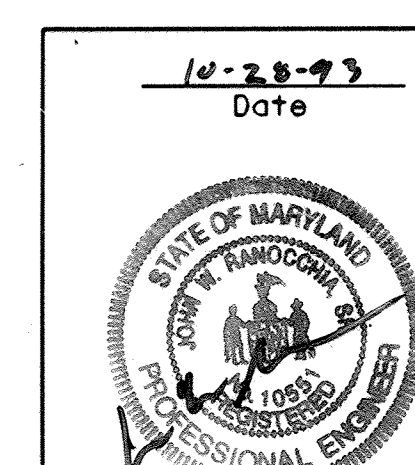
SITE DETAILS

REDDING RENTAL  
6695 DOBBIN ROAD, COLUMBIA, MD

Des By THR/HGP Scale 1"=30'-0" Proj. No. 93027  
Drn By HGP Date 6/25/93  
Chk By MWF Approved THR 3 OF 9



FOR REVISION ONLY



Professional Engr. No. 10551

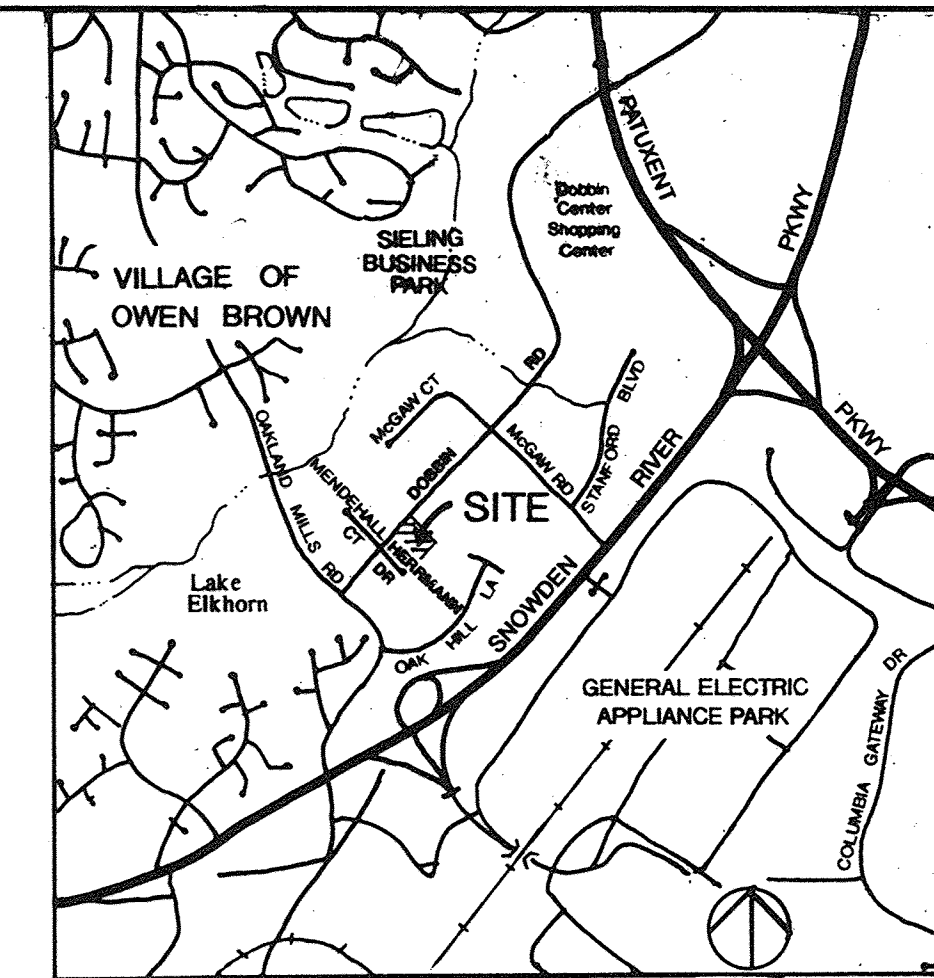
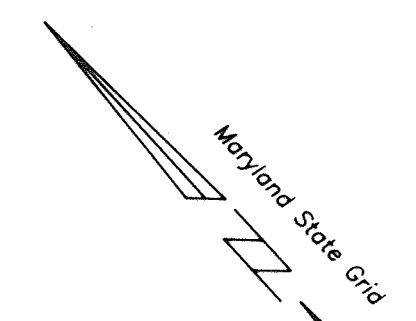
SDP-93-131

**LEGEND**

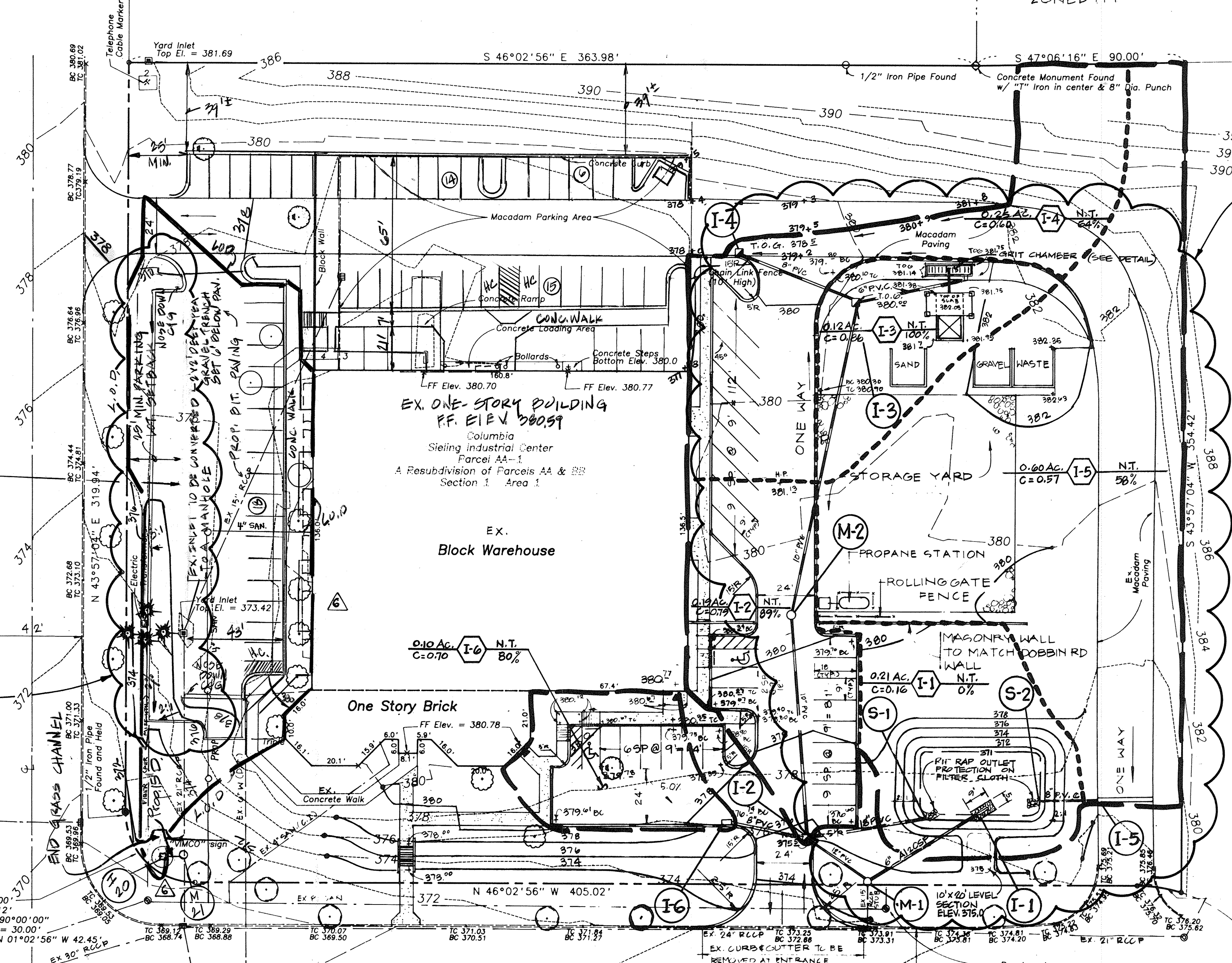
- DRAINAGE AREA BOUNDARY TO WATER QUALITY FACILITY
- DRAINAGE AREA BOUNDARY TO STORM DRAINS
- ZONED N.T.
- COMPOSITE C-1
- PERCENT IMPERVIOUS FACTOR

Seiling Industrial Center  
Section 1 Area 1  
23/16  
ZONED N.T. E.C. I

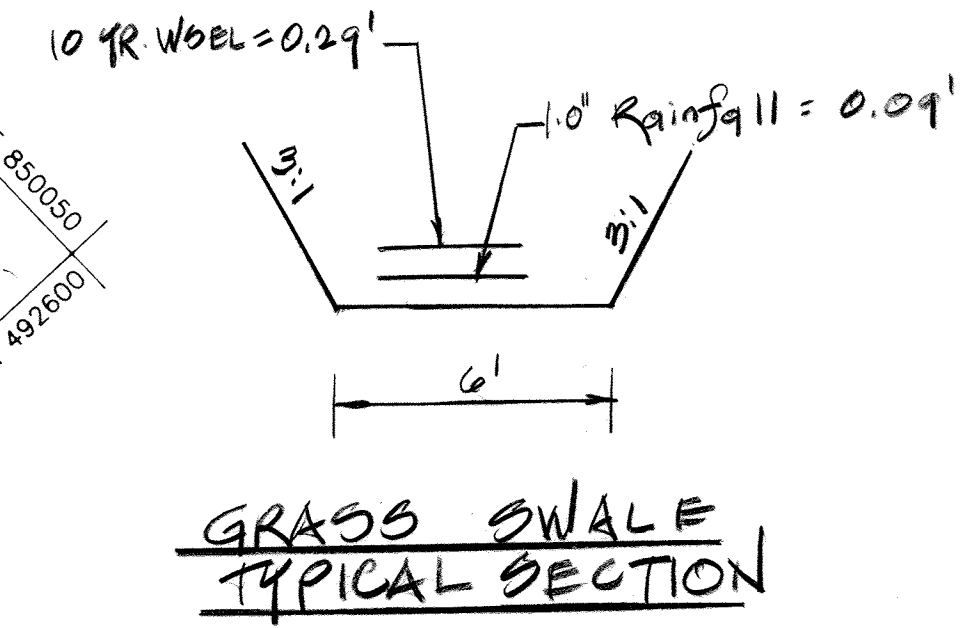
WILLIAM P DORSEY  
404-763  
ZONED M-1



VICINITY MAP SCALE: 1"=2000'



SEE REVISED SDP SHEET 9



Parcel EE  
SEILING IND CENTER  
P3 23, F-16  
ZONED N.T. E.C. I

NOTE: ALL SOILS ARE MpB2 HYDROLOGIC SOIL GROUP "B"

OWNER:  
REDDING RENTAL  
MR DAN REDDING  
P.O. BOX 355 COLUMBIA, MD. 21045

APPROVED  
PLANNING BOARD  
of HOWARD COUNTY  
DATE 10-14-93

07/30/91	9	CHANGE ADDRESS AND PAGE NUMBER
11/01/91	8	REMOVE PERVIOUS PAVEMENT
11/14/93	7	ADD - PERVIOUS PAVEMENT DESIGN.
8-22-08	6	REV. OVHD. CANOPY + I-20

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

*Joseph Broderick* 11-16-93  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*Gina S. Williams* 11/18/93  
DIRECTOR DATE  
*Gina S. Williams* 11/16/93  
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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

*James P. Schum* 11/16/93  
DIRECTOR DATE  
*Edward P. Roberts* 11/16/93  
CHIEF BUREAU OF ENGINEERING DATE

8-20-93 4 PER SDP COMMENTS

10-11-93 5 PER DPZ COMMENTS

4-8-01 1 Added Parking Grades & Drainage Area

Seiling Industrial Center, Section 1, Area 1, Parcel AA-1, PLAT 3722, Liber 641 Folio 1 6th Election District, Tax Map 36 Parcel 424

**DEVELOPER**  
Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia, MD 21044 (410) 730-5111

**DMW**  
Daft • McCune • Walker, Inc.  
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals  
200 East Pennsylvania Avenue  
Towson, Maryland 21286  
410 286 3333  
Fax 286 4705

STORMWATER MANAGEMENT/UTILITY PLAN AND DRAINAGE AREA MAP

**REDDING RENTAL**  
6685 DOBBIN ROAD, COLUMBIA, MD

Des By THR/HGP Scale 1"=30'-0" Proj. No. 93027  
Dwn By HGP Date 6/25/93  
Chk By JMG Approved E.S. 4 OF 9



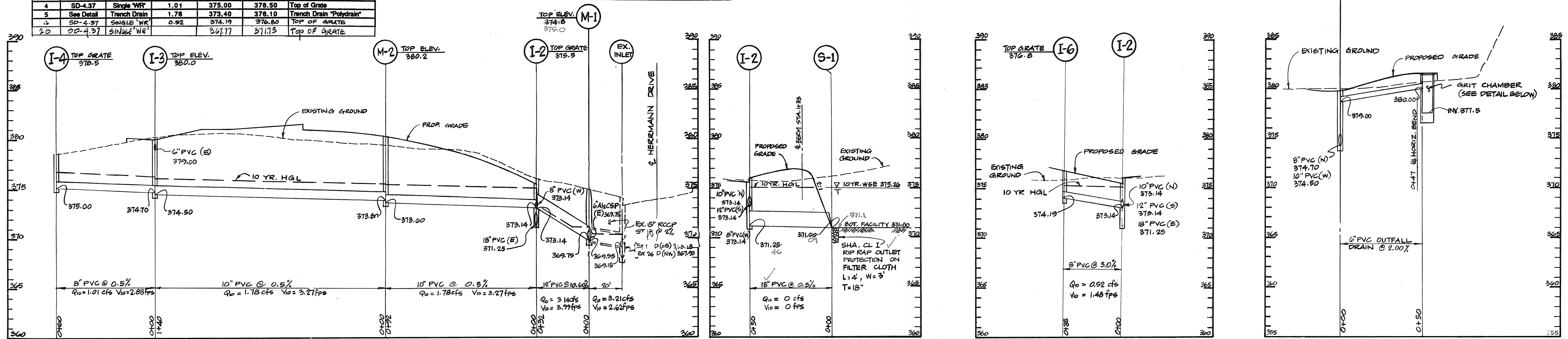
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20025, EXPIRATION DATE: JUNE 20, 2021



Professional Engr. No. 10551

INLET SCHEDULE						
NO.	DETAIL	TYPE	Q	INV. OUT	TOP ELEV.	REMARKS
1	SEE DETAIL	PERFORATED PIPE	0.07	370.00	N/A	
2	SD-4.37	Single WR	1.19	371.24	375.50	Top of Grate
3	SD-4.37	Single WR	1.01	374.50	380.00	Top of Grate
4	SD-4.37	Single WR	1.01	375.00	378.50	Top of Grate
5	See Detail	Trench Drain "Polydrain"	1.78	373.40	376.10	Trench Drain
13	SD-4.37	SINGLE WR	0.92	374.19	376.80	TOP OF GRATE
20	SD-4.37	SINGLE WR		367.17	371.75	TOP OF GRATE

MANHOLE SCHEDULE						
NO.	DETAIL	TYPE	SIZE	INV. OUT	TOP ELEV.	REMARKS
1	G-5.05	Shallow MH	48"	388.55	374.80	375.00
2	G-5.05	Shallow MH	48"	373.60	380.20	
2.1	G-5.05	Shallow MH	48"	365.26	371.20	

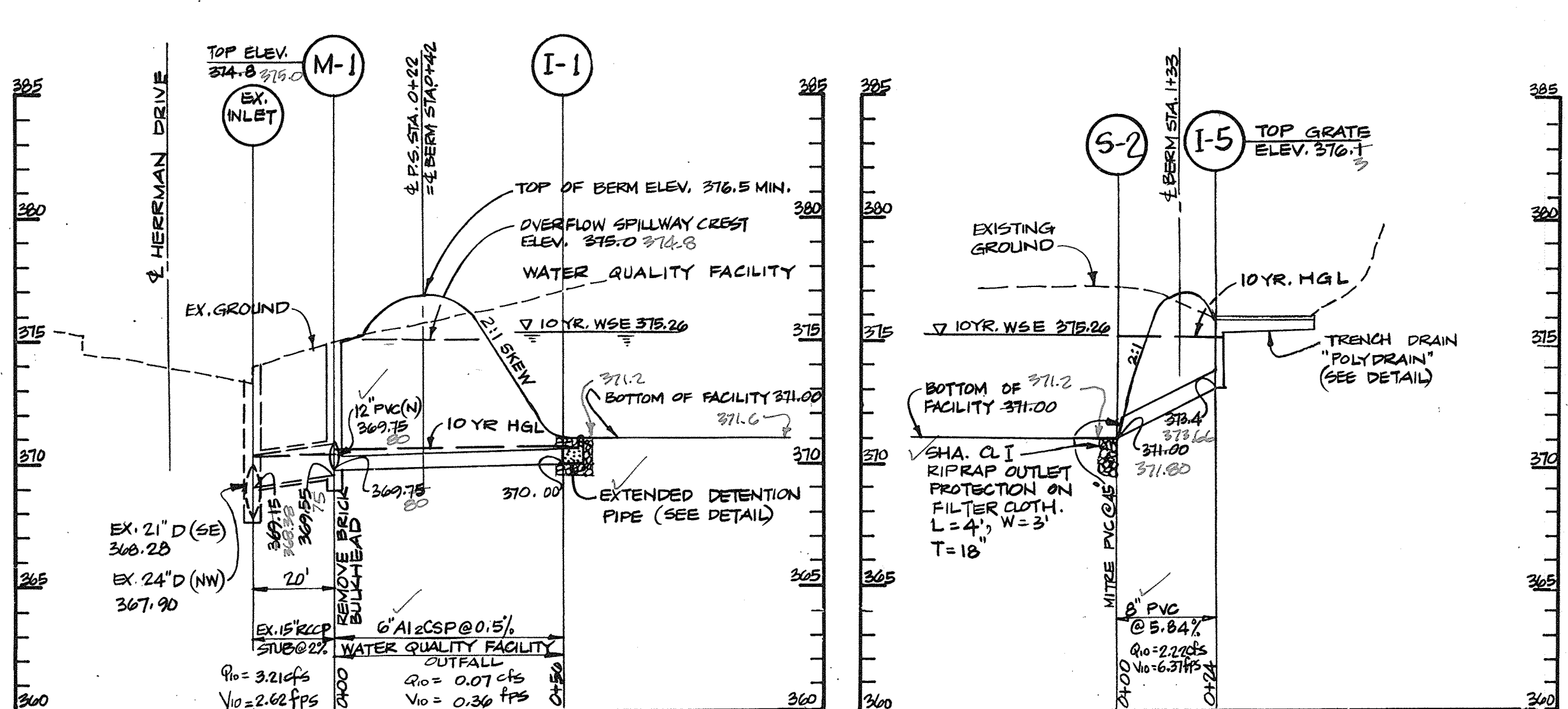


**STORM DRAIN PROFILES**

SCALE: HORIZ. 1" = 30'  
VERT. 1" = 5'

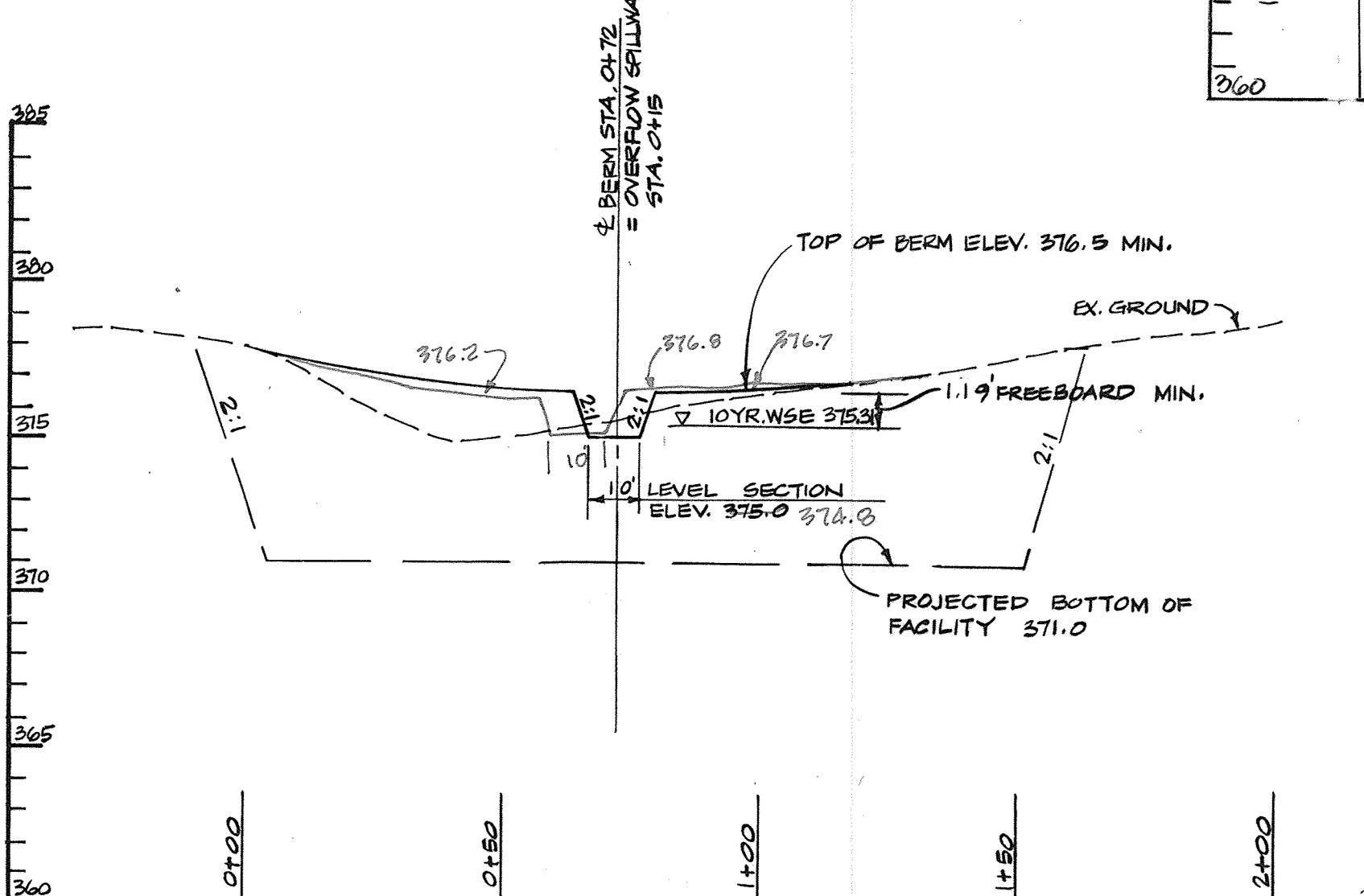
POND AS-BUILT

G. SCOTT SHANABEGGER  
PROF. W. #100049



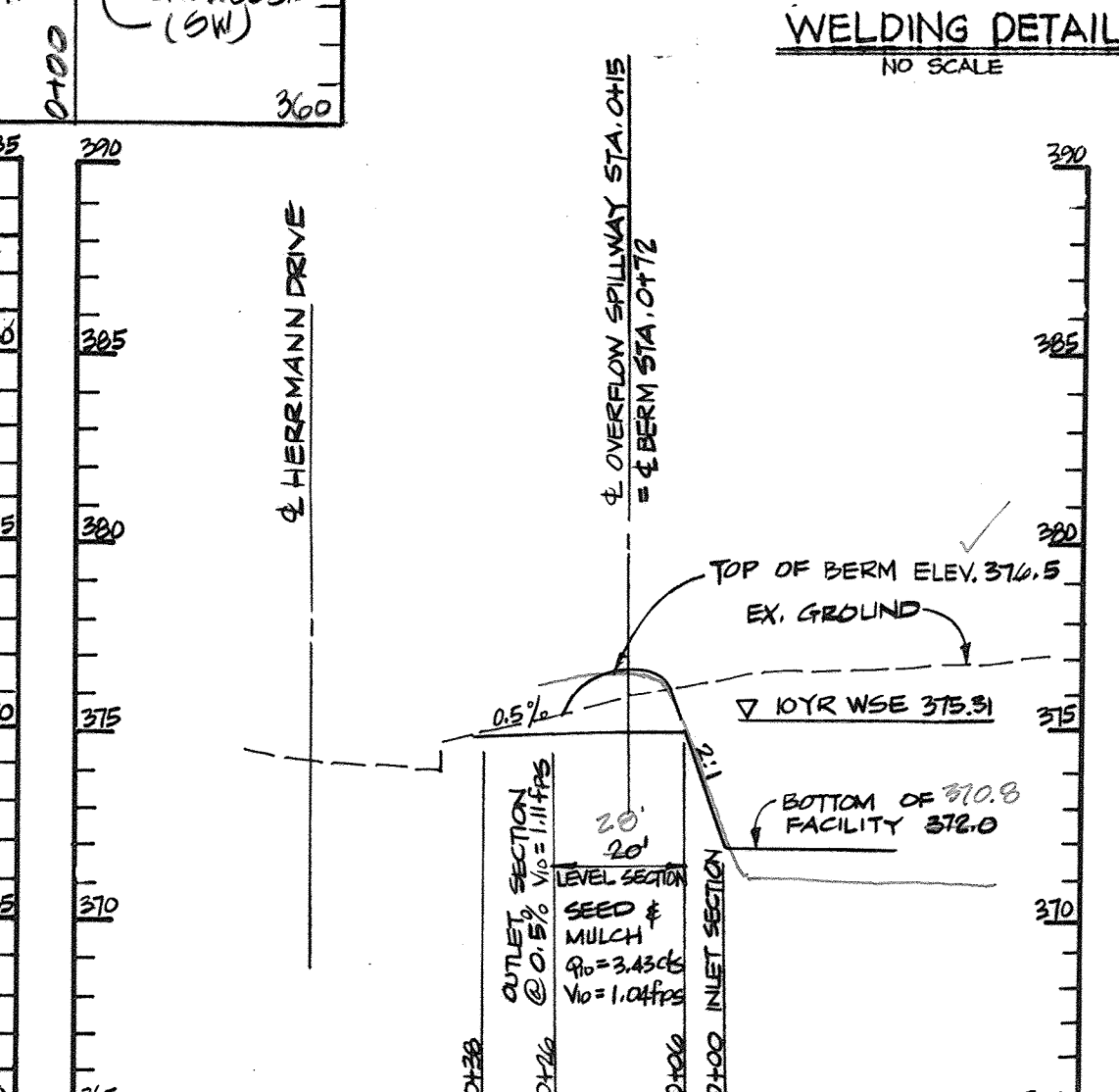
**STORM DRAIN PROFILES**

SCALE: HORIZ. 1" = 30'  
VERT. 1" = 5'



**PROFILE ALONG & BERM**

SCALE: HORIZ. 1" = 30'  
VERT. 1" = 5'



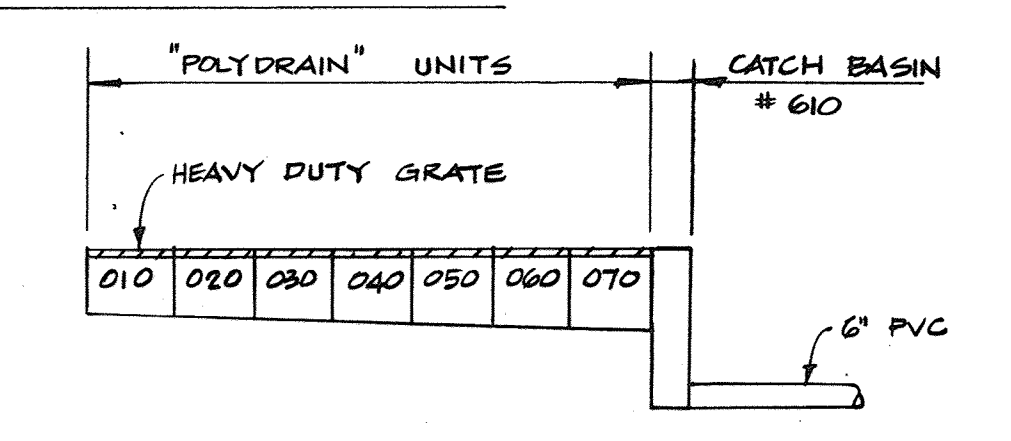
**PROFILE ALONG & OF OVERFLOW SPILLWAY**

SCALE: HORIZ. 1" = 30'  
VERT. 1" = 5'

**DEVELOPER'S CERTIFICATION:**

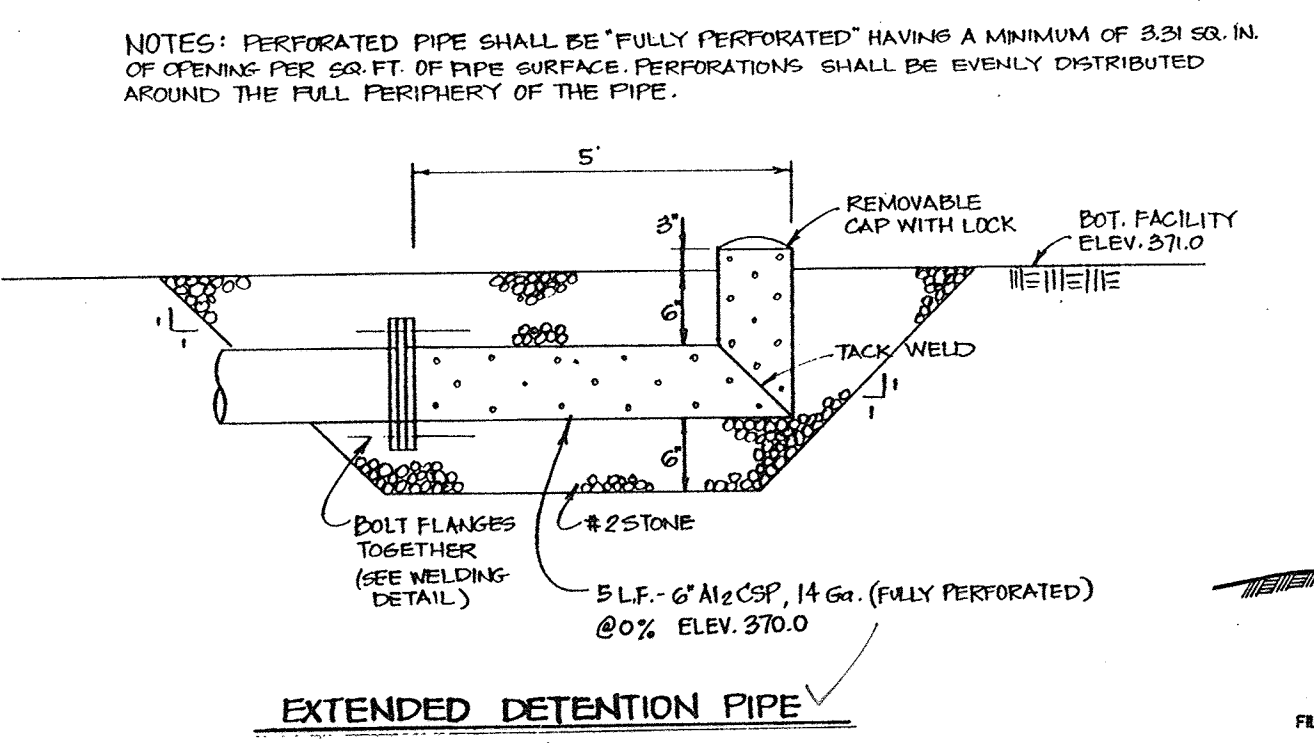
"I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an 'as-built' plan of the pond within 30 days of completion. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

*David B. Halley* 10/23/93  
Date

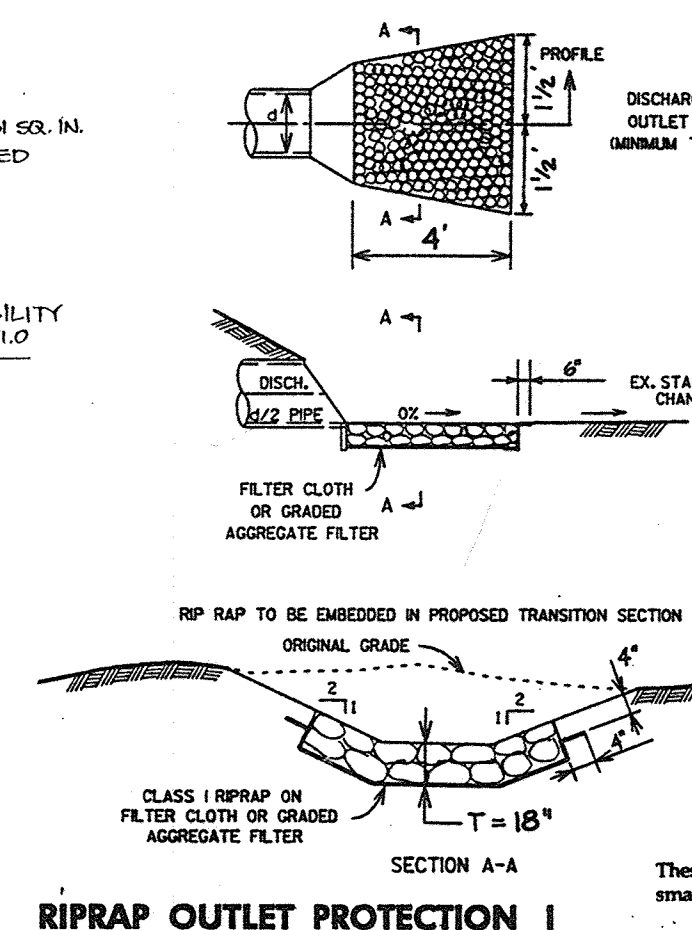


**TRENCH DRAIN ASSEMBLY DETAIL**

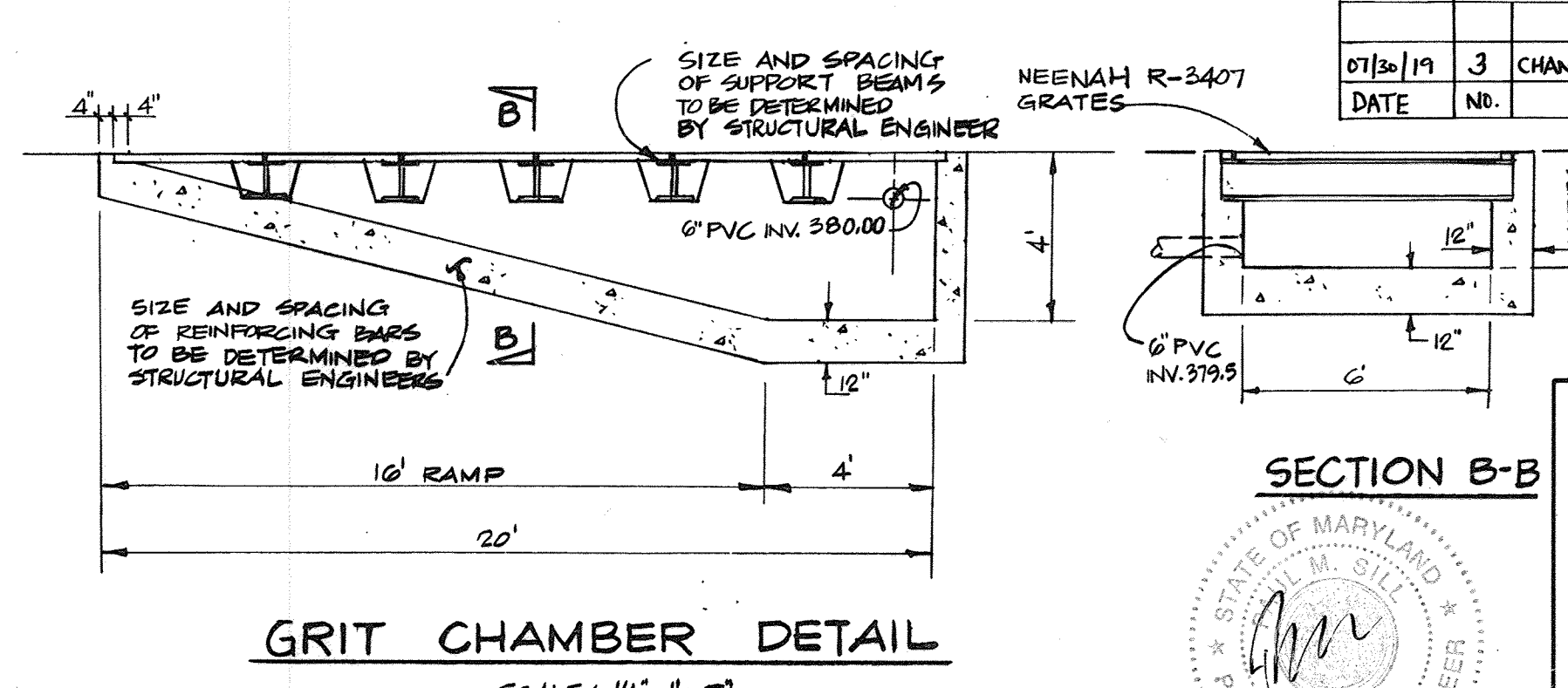
N.T.S.



**EXTENDED DETENTION PIPE**



**RIPRAP OUTLET PROTECTION I**



**GRIT CHAMBER DETAIL**

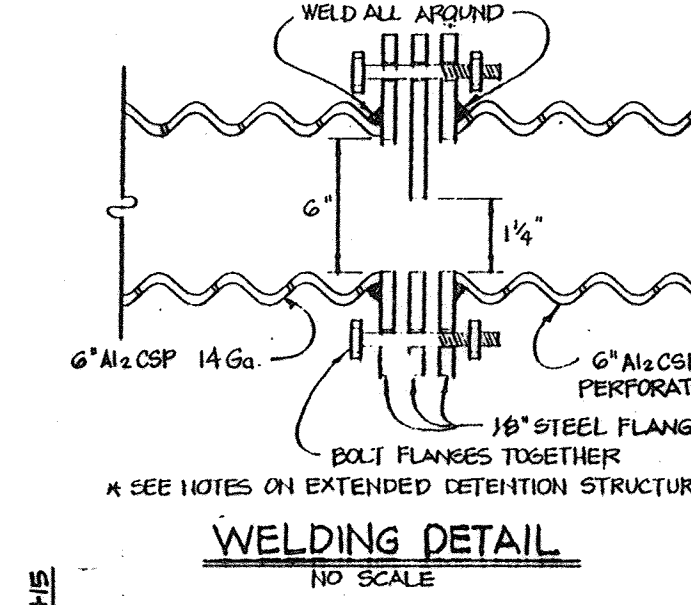
SCALE: 1/4" = 1'-0"

These plans have been reviewed for Howard S.C.D. and meets the technical requirements for small pond construction and sediment control.

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

U.S. Soil Conservation Service

Howard S.C.D.



**WELDING DETAIL**

NO SCALE

OWNER:  
DOBBLIN LLC REDDING RENTAL  
MR. DAN REDDING  
P.O. BOX 355 COLUMBIA, MD 21045

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10-14-93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>Joseph W. Grogan</i>	11-16-93
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING	
<i>James D. Smith</i>	11/18/93
DIRECTOR	DATE
<i>Glen Stumm</i>	11/18/93
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Joseph P. Shaw</i>	11/10/93
DIRECTOR	DATE
<i>P. E. Shambaugh, P.E.</i>	11/10/93
CHIEF BUREAU OF ENGINEERING, CO. 11/10/93	DATE

022099	1	PER SDP COMMENTS
022082	2	Rev. I-20 Profile
Date	No.	Revision Description
10-20-93	3	Change Address and Page Number

Stelling Industrial Center, Section 1, Area 1 Parcel AA-1.  
PLAT 3722, Liber 641 Folio 1, 6th Election District  
Tax Map 36 Parcel 424

**DEVELOPER**  
Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia MD. 21044 (410) 730-5111

**DMW**  
Daft · McCune · Walker, Inc.  
A Team of Land Planners, 200 East Pennsylvania Avenue  
Landscape Architects, Towson, Maryland 21286  
Engineers, Surveyors & Environmental Professionals 410 296 3333  
Fax 296 4705

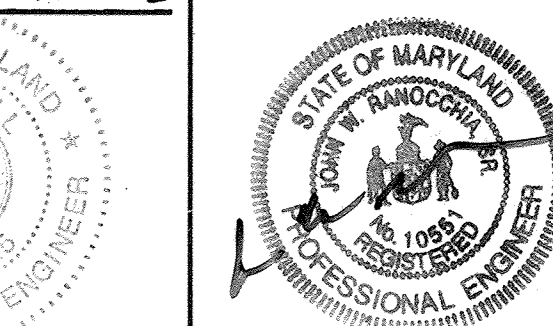
**UTILITY PROFILES & DETAILS**

**REDDING RENTAL**  
6695 DOBBIN ROAD, COLUMBIA, MD

Des By	JMG	Scale	AS SHOWN	Proj. No.	93027
Drn By	DBS	Date	6/25/93		
Chk By	JMG	Approved	ELS		5 OF 9

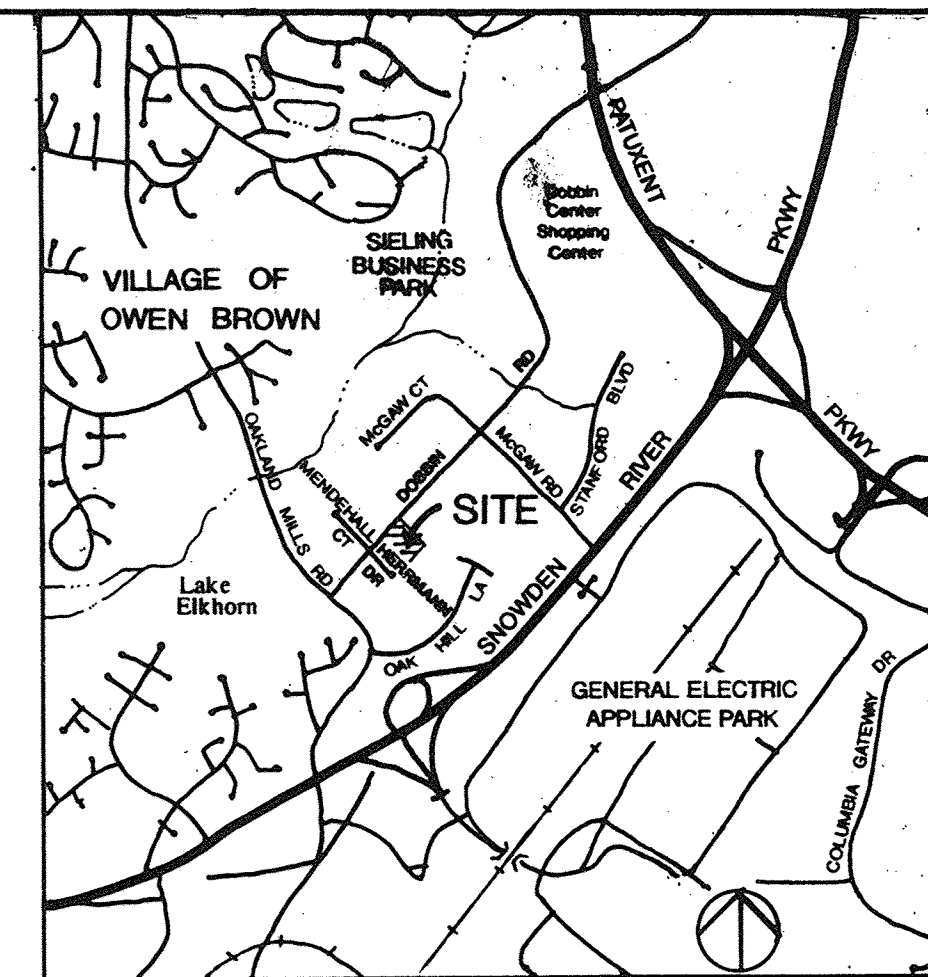
SDP-93-131

Professional Engr. No. 10551  
Date 10-28-93

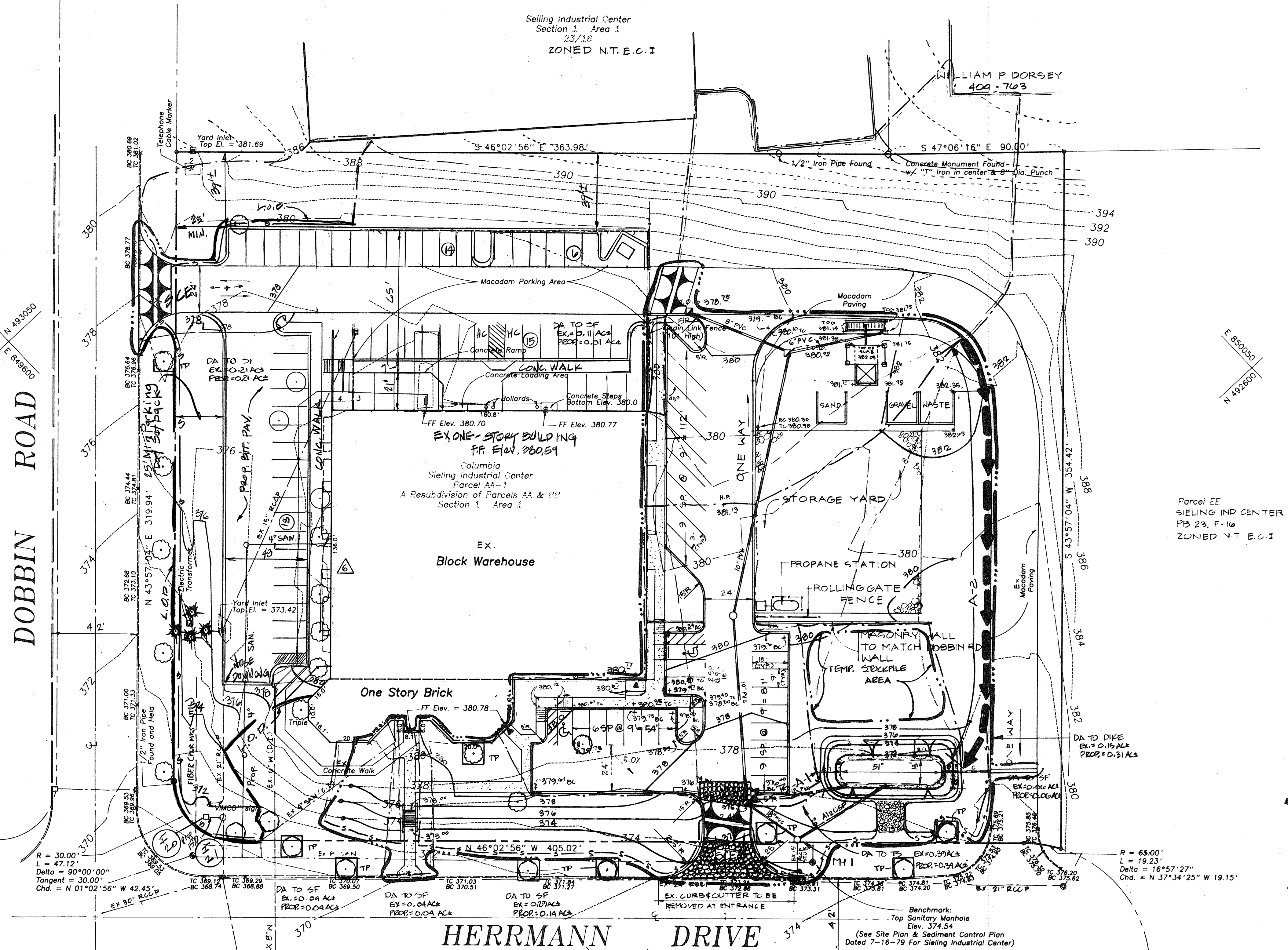


Professional Engr. No. 10551

AG-BUILT



VICINITY MAP SCALE: 1"=2000'



**TRAP SPECIFICATION TABLE**

Trap Number	#		
Trap Type	ST 5		
Existing Drainage Area Aca	1.21		
Proposed Drainage Area Aca	1.47		
Storage Required C.F.	2,646		
Storage Provided C.F.	5,212		
Top Embankment Elevation	376.5		
Crest Elevation	375.0		
Existing Ground Elevation	376.0		
Cleanout Elevation	373.5		
Bottom Elevation	371.0		
Outlet Width (b)	10'		
a			
Bottom Dimension	13'-9"		
Trap Depth	4'		
Trap Sidelopes	2:1		
Barrel Diameter			
Riser Diameter			

OWNER  
 REDDING RENTAL  
 MR. DAN REDDING  
 90. BOX 255 COLUMBIA, MD. 21045

APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 10-14-93

7/30/91	8	CHANGE ADDRESS AND PAGE NUMBERS
1/14/93	7	UPDATE CONTROL NOTES
8/22/08	6	Rev. CVHD Canopy + I 20

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

*John W. Rancachia, Sr.* 11-16-93  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*Gina Jannary* 11/18/93  
 DIRECTOR DATE  
*Gina Jannary* 11/18/93  
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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

*James J. Shaw* 11/18/93  
 DIRECTOR DATE  
*James J. Shaw* 11/18/93  
 CHIEF BUREAU OF ENGINEERING DATE

3-10-97 4 PER PLANNING & ZONING COMMENTS  
 8-28-99 1 PER SDP COMMENTS  
 10-11-07 5 PER P2Z COMMENTS

Date No. Revision Description  
 10-20-93 1 Added Parking L.O.S. + SILT FENCE

Seiling Industrial Center, Section 1, Area 1 Parcel AA-1,  
 PLAT 3722, Liber 841 Folio 1 6th Election District  
 Tax Map 36 Parcel 424

DEVELOPER

Dan Redding, Redding Rental  
 10715 Little Patuxent Parkway  
 Columbia, MD 21044 (410) 730-5111

**DMW**  
 Daft · McCune · Walker, Inc.  
 A Team of Land Planners, 200 East Pennsylvania Avenue  
 Landscape Architects, Towson, Maryland 21286  
 Engineers, Surveyors & Environmental Professionals 410 296 3333  
 Fax 296 4705

SEDIMENT & EROSION CONTROL PLAN

REDDING RENTAL  
 6695 DOBBIN ROAD, COLUMBIA, MD

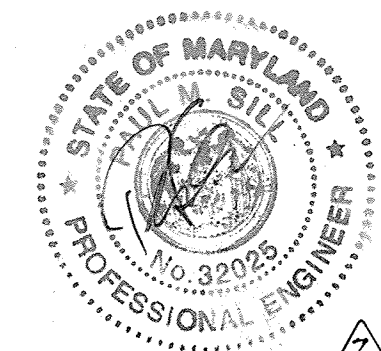
Des By	THR/HGP	Scale	1"=30'-0"	Proj. No.	93027
Drn By	HGP	Date	6/25/93		
Chk By	CRW	Approved	EIS		6 OF 9

SDP-93-131

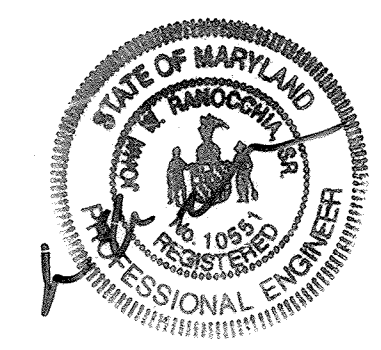
DEVELOPER'S CERTIFICATION:  
 "I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I/We authorize periodic on-site inspection by the Howard Soil Conservation District."  
*Carol H. Bailey* 10/23/93  
 Date

ENGINEER'S CERTIFICATION:  
 "I certify that these plans for pond construction, 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 warrant that the plan is a true and correct representation of the site conditions and that it meets the requirements of the Howard Soil Conservation District."  
*John W. Rancachia, Sr.* 10/20/93  
 Date

*John W. Rancachia, Sr.* 10/20/93  
 Date  
*John W. Rancachia, Sr.* 10/20/93  
 Date  
*John W. Rancachia, Sr.* 10/20/93  
 Date



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND; LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2021



Professional Eng. No. 10531

SEDIMENT CONTROL LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- LIMIT OF DISTURBANCE
- LIMIT OF TEMPORARY STOCKPILE
- SILT FENCE
- EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- MOUNTABLE BERM
- TRAP STORAGE SIDESLOPES
- INLET PROTECTION
- STONE OUTLET STRUCTURE
- TEMPORARY SWALE
- TREE PROTECTION

- Sequence of Construction
- Obtain a grading permit.
  - Notify the Howard County Office of Inspection and Permits (213-1855) minimum of 48 hours prior to the start of any construction.
  - Clear and grub for and install sediment and erosion control measures or devices. Install Manhole No. 1 and 6 inch PVC flowing from trap/facility. (2 weeks)
  - Clear, grub, strip and grade site. (3 weeks)
  - Stabilize all nonactive graded surfaces with temporary seeding. (1 day)
  - Construct walls. Install utilities. Bulk head 12 inch PVC pipe flowing directly to Manhole No. 1. (1 month)
  - Final grade all road surfaces. Install curb and gutters. Apply road subbase. (2 weeks)
  - Pave road and parking lot. Stripe parking lot. (1 week)
  - With the prior permission of the Sediment Control Inspector and the Howard County Sediment Control Division, remove sediment controls. Final grade and stabilize these areas. Remove bulkhead from 12 inch PVC pipe. (3 days)

STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction. (313-1850)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.  
 Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 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 seeding (Sec. 51) and (Sec. 54) temporary seeding (Sec. 50), and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 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.
- SITE ANALYSIS:  
 Total Area of Site 3.85 +/- Acres  
 Area Disturbed 0.11 +/- Acres PER LOD SHOWN ON SHEET 1A  
 Area to be roofed or paved 0.72 +/- Acres  
 Area to be vegetatively stabilized 0.83 +/- Acres  
 Total Cut 850 +/- Cu. Yds.  
 Total Fill 850 +/- Cu. Yds.  
 Offsite waste/borrow area location NA
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 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.
- Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.

STONE OUTLET TRAP #1  
 (WITH INLET PROTECTION)  
 EX. DA = 1.21 AC±  
 PROP. DA = 1.47 AC±

DOBBIN ROAD

HERRMANN DRIVE

Seiling Industrial Center  
 Section 1 Area 1  
 23/16  
 ZONED N.T.E.C.I

WILLIAM P DORSEY  
 404-763

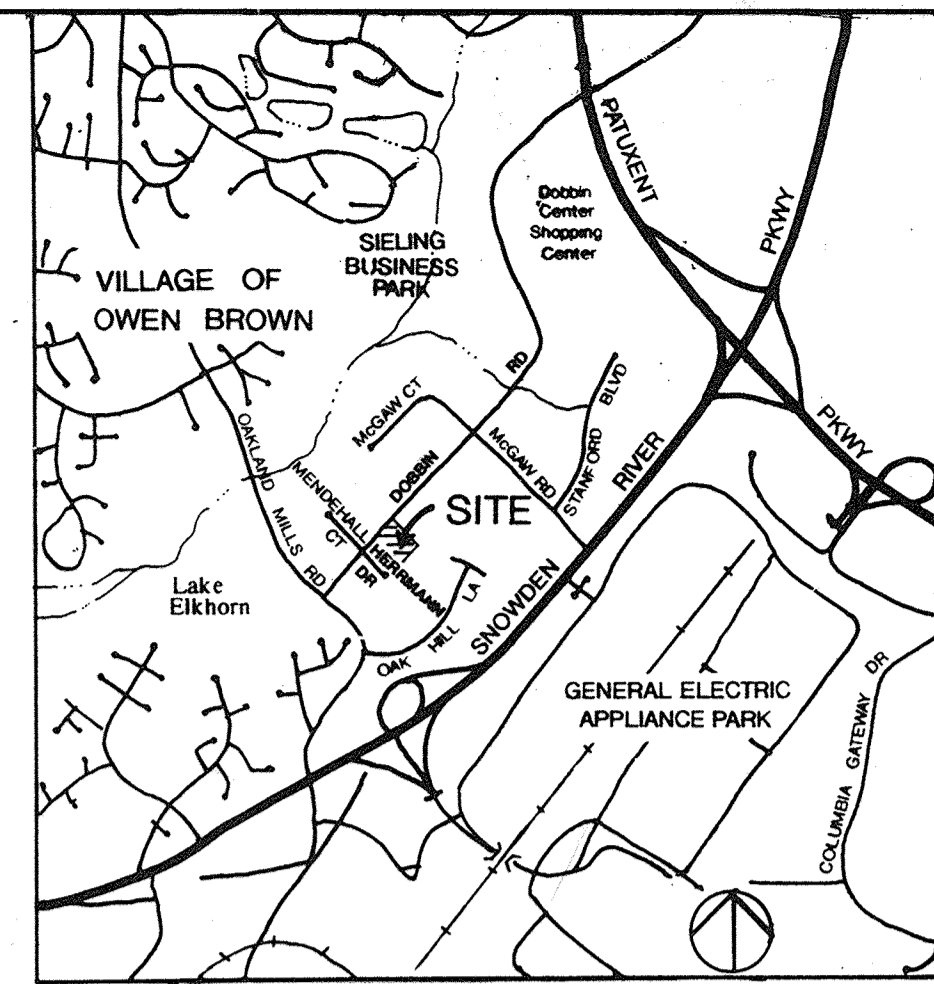
Parcel EE  
 SEILING IND CENTER  
 PB 23, F-16  
 ZONED N.T.E.C.I

(See Site Plan & Sediment Control Plan  
 Dated 7-16-79 For Seiling Industrial Center)

Parcel V-1  
 21/37



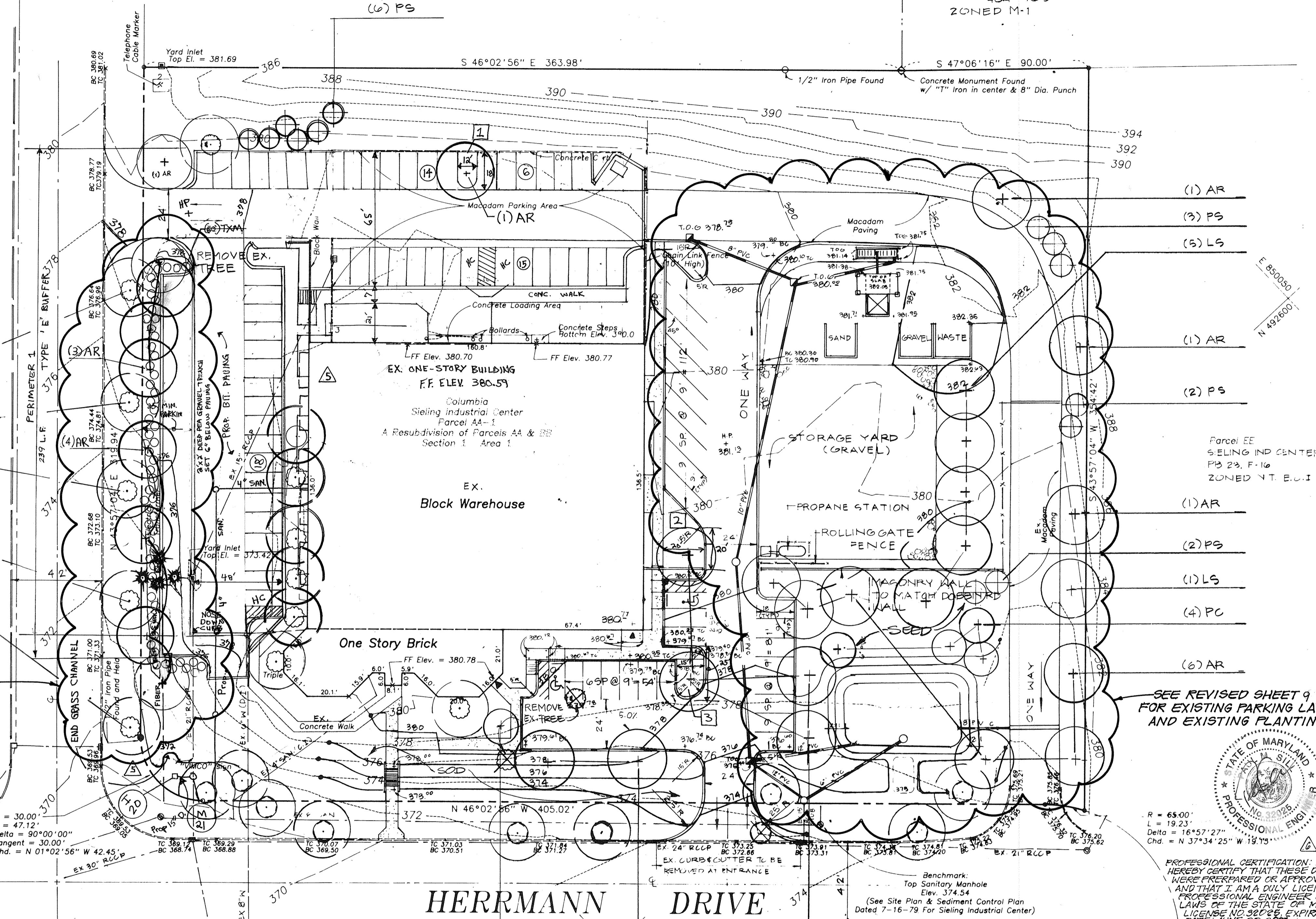




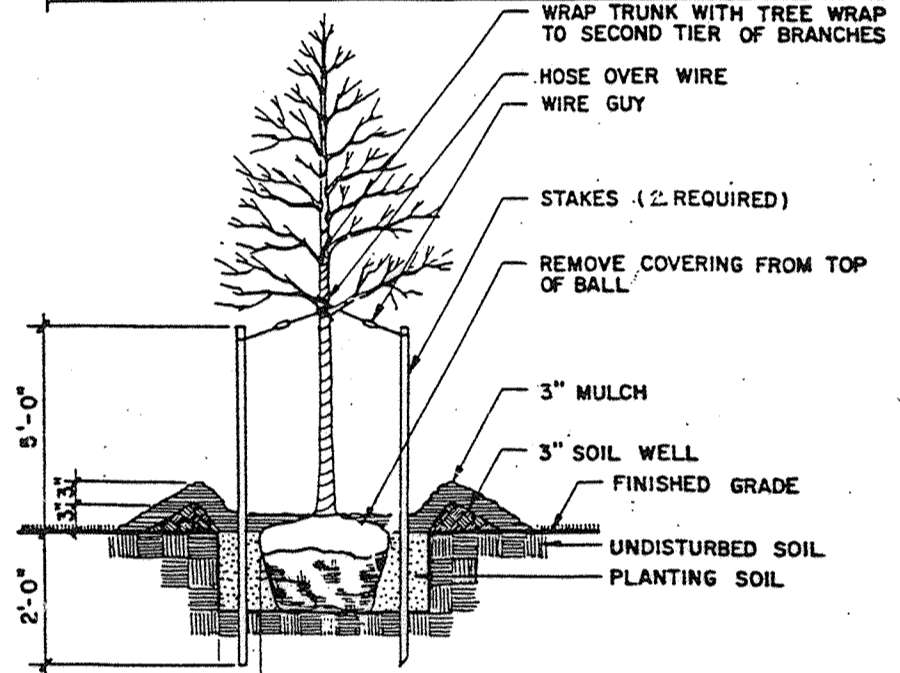
VICINITY MAP SCALE: 1"=2000'

Seiling Industrial Center  
Section 1 Area 1  
23/16  
ZONED N.T.E.C.I

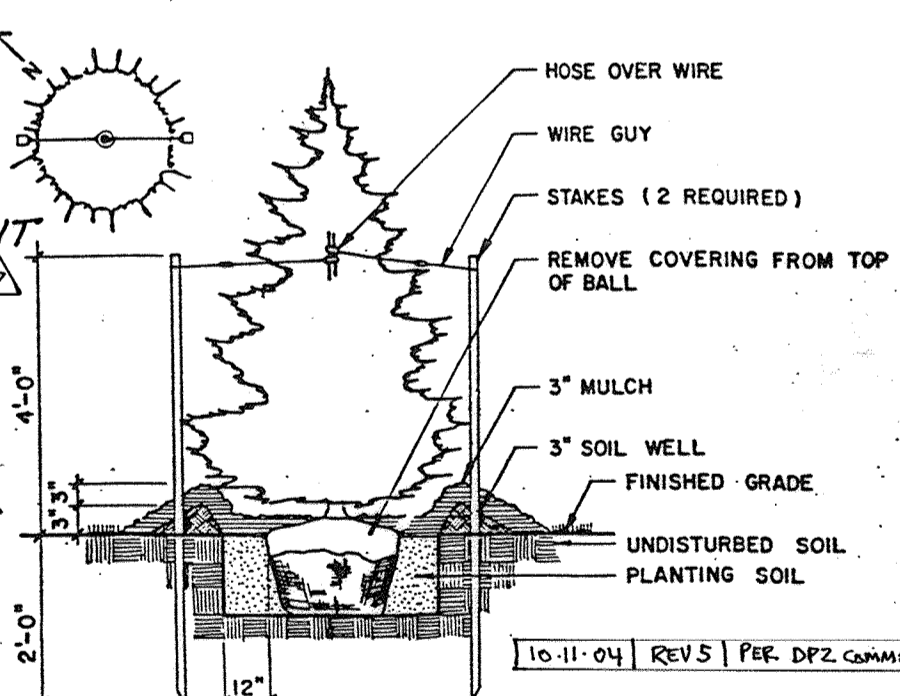
WILLIAM P DORSEY  
404-7603  
ZONED M-1



KEY	QUANT.	BOTANICAL NAME / COMMON NAME	SIZE	CONDITION
AR	11	ACER RUBRUM 'RED SUNSET' / RED SUNSET MAPLE	2 1/2" - 3" CAL.	B & B
LS	10	LIQUIDAMBAR STYRACIFLUA / SWEET GUM	2" - 3 1/2" CAL.	B & B
PC	5	PYRUS CALLERYANA 'BRADFORD' / BRADFORD PEAR	2" - 2 1/2" CAL.	B & B
PS	13	PINUS STROBUS / WHITE PINE	8" - 10"	B & B
TXM	60	TAXUS MEDIA / YEW	2 1/2" - 3 1/2" CAL.	CONTAINER



DECIDUOUS TREE DETAIL N.T.S.



EVERGREEN TREE DETAIL N.T.S.

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10-14-93

DATE	NO.	REVISION DESCRIPTION
7/30/19	8	CHANGE ADDRESS AND PAGE NUMBER
11/01/17	7	REV. SHEET IN PER AS-BUILT CONDITIONS
1/14/13	6	REVISE TREE AND SHRUB LOCATIONS QUANTITIES.
8/22/08	5	Rev. OVHD Canopy + I 20

DATE	NO.	REVISION DESCRIPTION
11/16/93	1	11/16/93
11/18/93	2	11/18/93
11/10/93	3	11/10/93
11/10/93	4	11/10/93
11/10/93	5	11/10/93
11/10/93	6	11/10/93
11/10/93	7	11/10/93
11/10/93	8	11/10/93
11/10/93	9	11/10/93
11/10/93	10	11/10/93
11/10/93	11	11/10/93
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11/10/93	13	11/10/93
11/10/93	14	11/10/93
11/10/93	15	11/10/93
11/10/93	16	11/10/93
11/10/93	17	11/10/93
11/10/93	18	11/10/93
11/10/93	19	11/10/93
11/10/93	20	11/10/93

Seiling Industrial Center, Section 1, Area 1 Parcel AA-1, PLAT 3722, Liber 641 Folio 16th Election District Tax Map 36 Parcel 424

DEVELOPER

Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia, MD 21044 (410) 730-5111

**DMW**  
Daft · McCune · Walker, Inc.  
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals  
200 East Pennsylvania Avenue  
Towson, Maryland 21286  
410 296 3333  
Fax 296 4705

LANDSCAPE PLAN

**REDDING RENTAL**  
6685 DOBBIN ROAD, COLUMBIA, MD

Des By	THR/HGP	Scale	1"=30'-0"	Proj. No.	93027
Drn By	HGP	Date	6/25/93		
Chk By	MP	Approved	THR		8 OF 9

SCHEDULE A  
PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways
Landscape Type 'E' Linear Feet	289 LF
Credit for Existing Vegetation (Yes/No Linear Feet)	No
Number of Plants Required	6
Shade Trees	1
Evergreen Trees	1
Shrubs	60
Number of Plants Provided	6
Shade Trees	1
Evergreen Trees	1
Other Trees (2:1 substitution)	1
Shrubs (2:1 substitution)	60

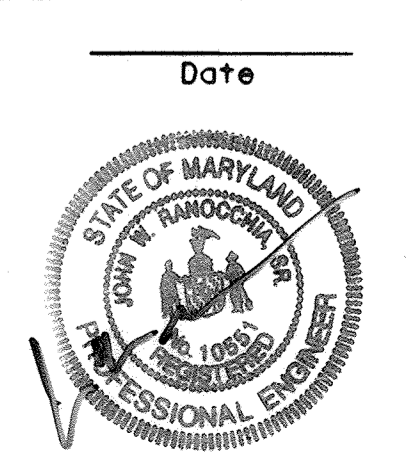
SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING

Number of Parking Spaces	161
Number of Trees Required	8
Number of Trees Provided	8
Shade Trees	1
Other Trees (2:1 substitution)	7

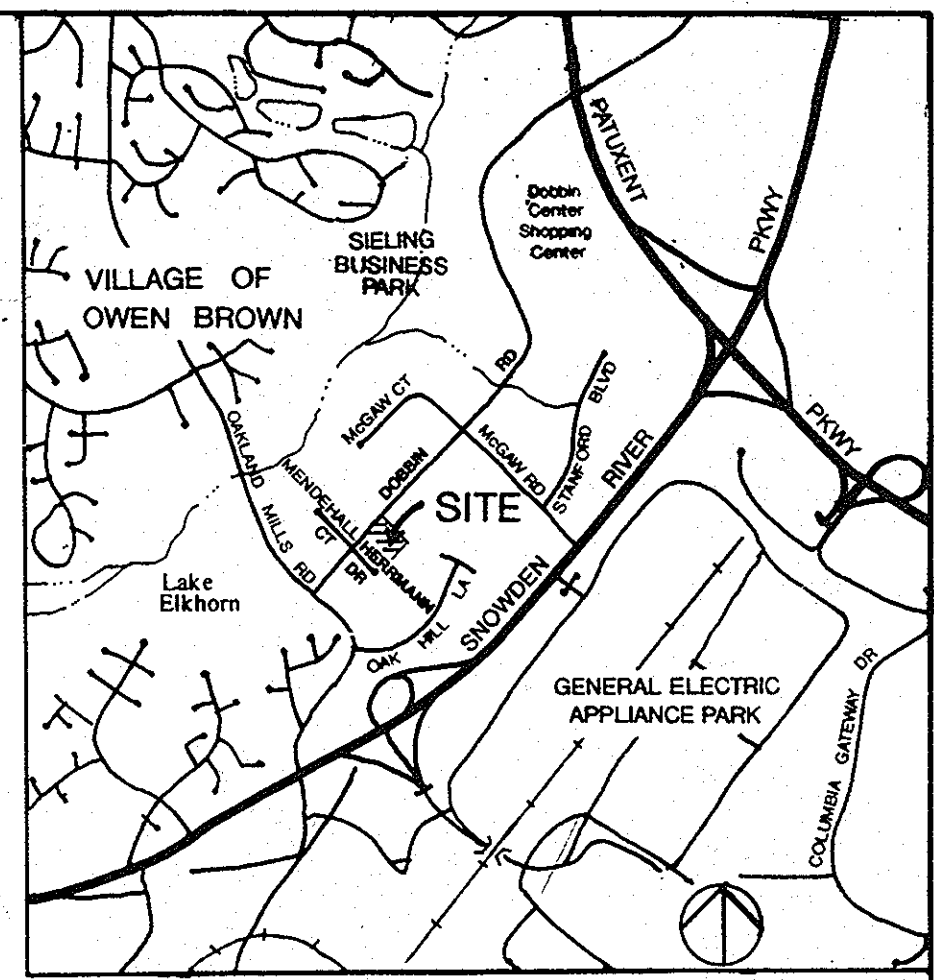
DATE	NO.	REVISION DESCRIPTION
5/17/96	5	RELOCATE "9 EX. TREES TO REMAIN"
		NOTE

Owner:  
Sweetwater Land and Cattle Co.  
1917 Arroya Rd.  
Dalhart, Texas 79022

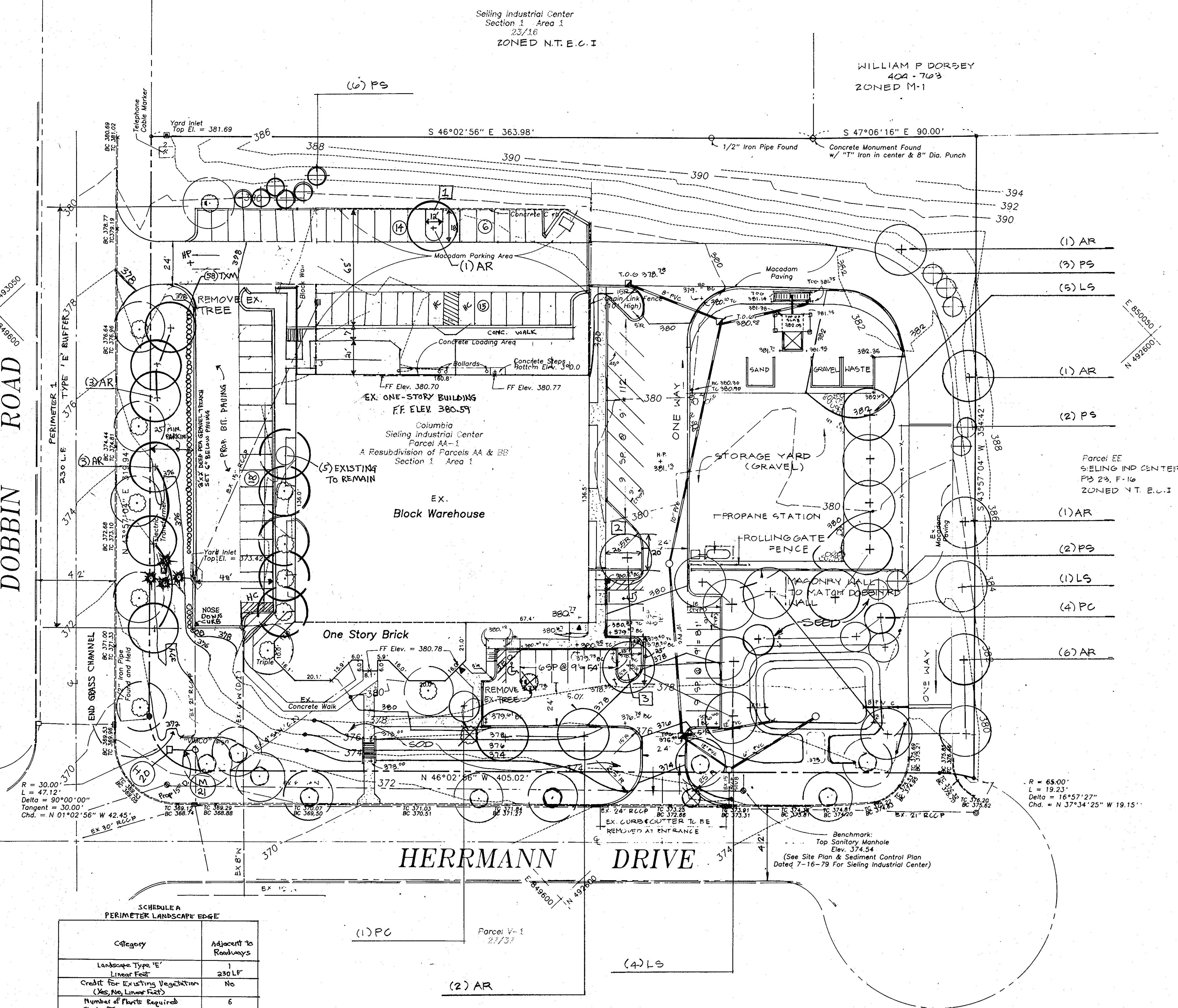
- NOTES:
- Financial surety for the required landscaping has been posted as part of the Department of Public Works Developer's Agreement in the amount of \$5,000.
  - This plan has been prepared in accordance with the New Town Alternative Compliance provisions of Section 16.124 of the Howard County Code and the Landscape Manual.



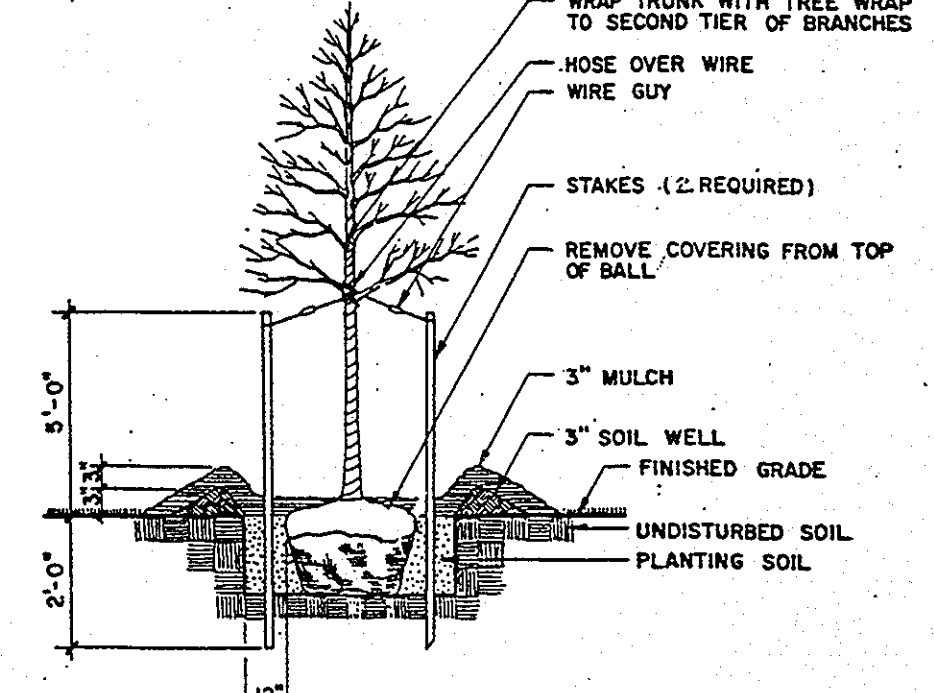
Professional Engr. No. 10551



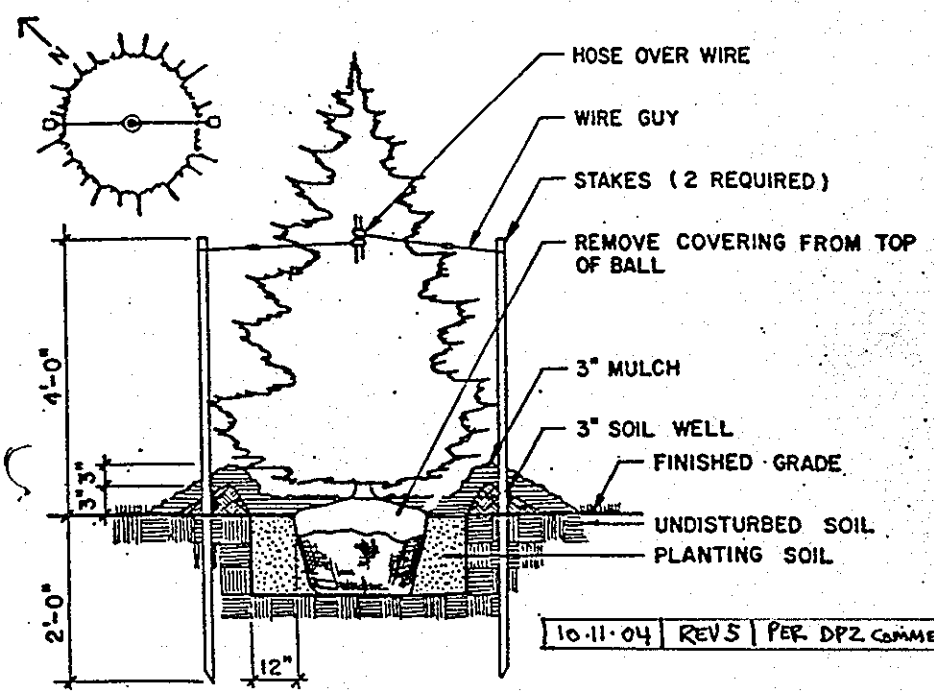
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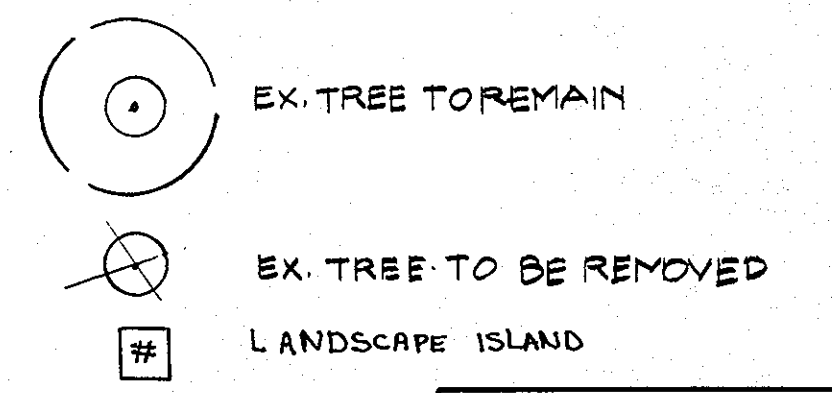
KEY	QUANT.	BOTANICAL NAME / COMMON NAME	SIZE	CONDITION
AR	18	ACER RUBRUM 'RED SUNSET' / RED SUNSET MAPLE	2 1/2" - 3" CAL.	B & B
LS	10	LIQUIDAMBAR STYRACIFLUA / SWEET GUM	2" - 3 1/2" CAL.	B & B
PC	5	PYRUS CALLERYANA 'BRADFORD' / BRADFORD PEAR	2" - 2 1/2" CAL.	B & B
PS	13	PINUS STROBUS / WHITE PINE	8' - 10'	B & B
TXM	58	TAXUS MEDIA / YEW	24" - 30"	CONTAINER



DECIDUOUS TREE DETAIL N.T.S.



EVERGREEN TREE DETAIL N.T.S.



APPROVED PLANNING BOARD of HOWARD COUNTY  
DATE 10-14-93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT			
County Health Officer	11-16-93		
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING			
Director	11/18/93		
Chief Division of Land Development and Research	11/18/93		
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS			
Director	11/10/93		
Chief Bureau of Engineering	11/10/93		
6-8-93	HRD COMMENTS		
6-25-93	PEIR SDP COMMENTS		
Date	No.	Revision	Description
10-11-04	REV 5	FEED DPZ COMMENTS	

DEVELOPER  
Dan Redding, Redding Rental  
10715 Little Patuxent Parkway  
Columbia, MD 21044 (410) 730-5111

DMW  
Daft · McCune · Walker, Inc.  
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals  
200 East Pennsylvania Avenue  
Towson, Maryland 21286  
410 296 3333  
Fax 296 4705

LANDSCAPE PLAN

REDDING RENTAL  
8900 Herrmann Dr., Howard Co. Columbia, MD

Des By THR/HGP Scale 1"=30'-0" Proj. No. 93027  
Drn By HGP Date 6/25/93  
Chk By MPF Approved THR 8 OF 8

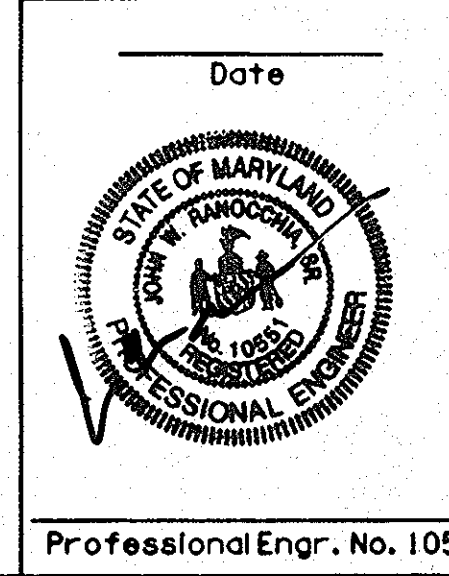
SCHEDULE A PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways
Landscape Type 'E' Linear Feet	230 LF
Credit for Existing Vegetation (Yes, No, Linear Feet)	No
Number of Plants Required	6
Shade Trees	1
Evergreen Trees	1
Shrubs	58
Number of Plants Provided	6
Shade Trees	1
Evergreen Trees	1
Other Trees (2:1 substitution)	1
Shrubs (2:1 substitution)	58

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING

Number of Parking Spaces	67
Number of Trees Required	3
Number of Trees Provided	3
Shade Trees	1
Other Trees (2:1 substitution)	1

NOTES:  
1. Financial surety for the required landscaping has been posted as part of the Department of Public Works Developer's Agreement in the amount of \$4,400.  
2. This plan has been prepared in accordance with the New Town Alternative Compliance provisions of Section 16.124 of the Howard County Code and the Landscape Manual.



OWNER:  
Sweetwater Land and Cattle Co.  
1917 Arroyo Rd.  
Dalhart, Texas 79022

DOBBIN ROAD

HERRMANN DRIVE

Selling Industrial Center  
Section 1 Area 1  
23/16  
ZONED N.T.E.C.I

WILLIAM P DORSEY  
40A-763  
ZONED M-1

(1) AR

(3) PS

(5) LS

(1) AR

(2) PS

(1) AR

(2) PS

(1) AR

(2) PS

(1) LS

(4) PC

(6) AR

(1) AR

(2) PS

(1) LS

(4) PC

(6) AR

(1) AR

(2) PS

(1) LS

(4) PC

(6) AR

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(6) AR

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(2) PS

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(4) PC

(6) AR

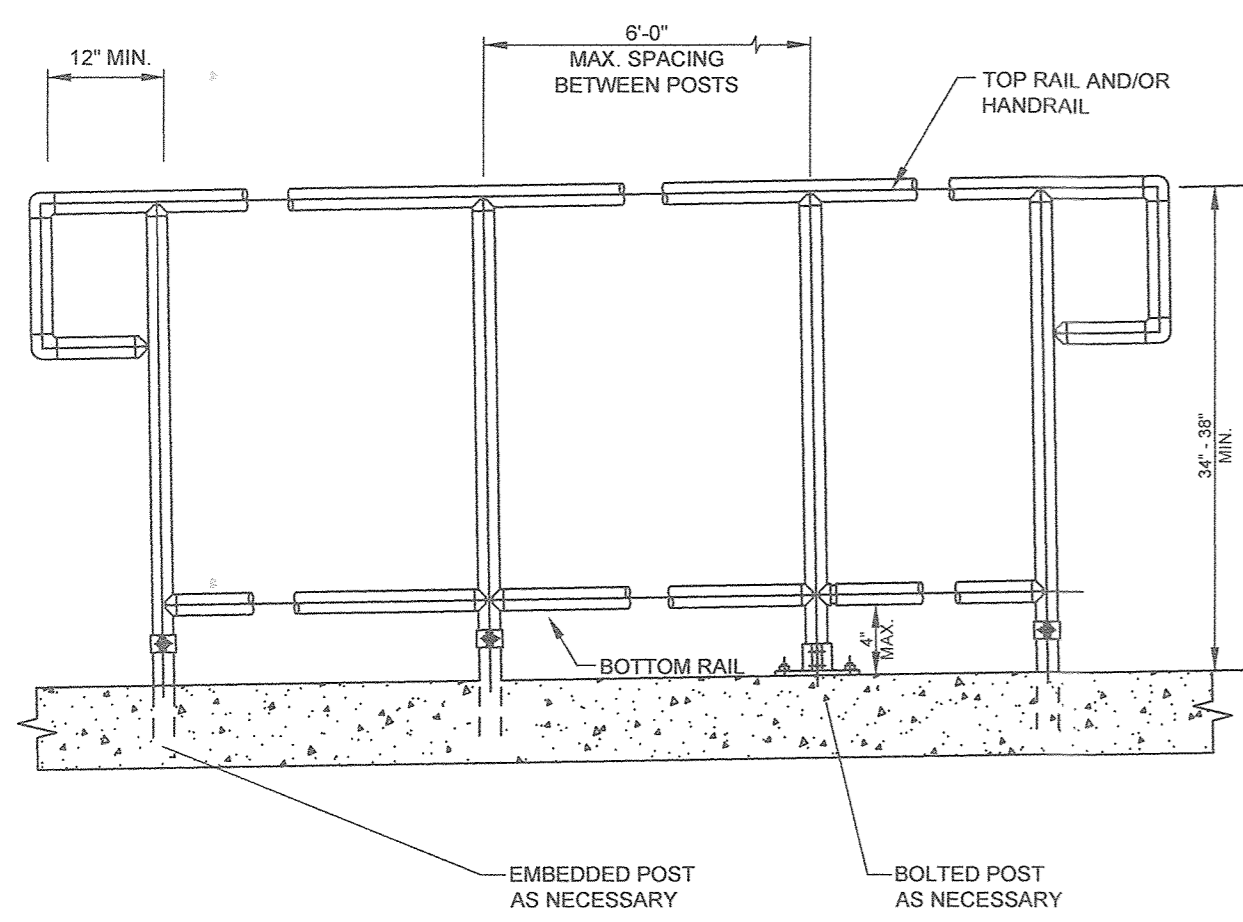
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(2) PS

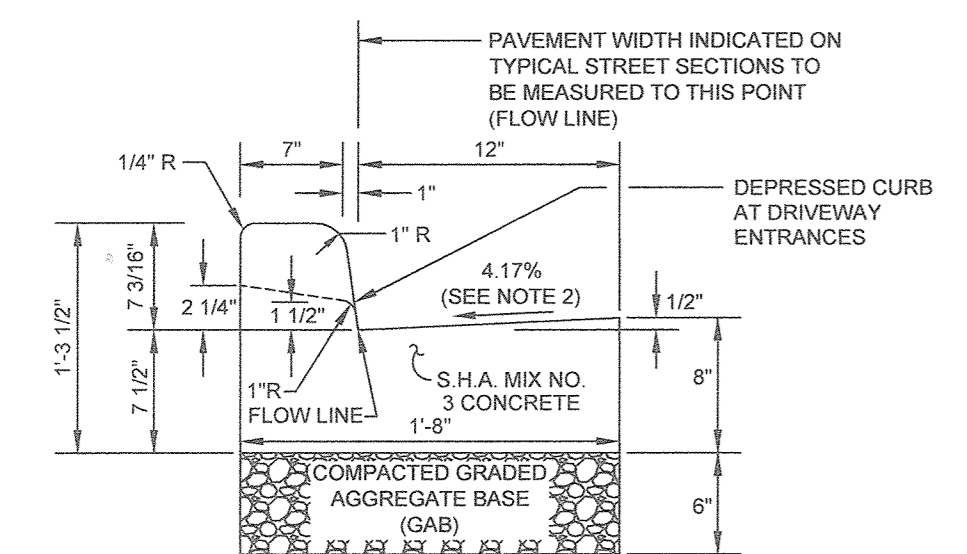
(1) LS

(4) PC

(6) AR



**TYPICAL HANDRAIL AT RAMP**  
FOR FURTHER INFORMATION SEE AMERICAN RAILING SYSTEMS, INC.  
(WWW.AMERICANRAILING.COM/CAD\_DETAILS.HTM)  
NOT TO SCALE

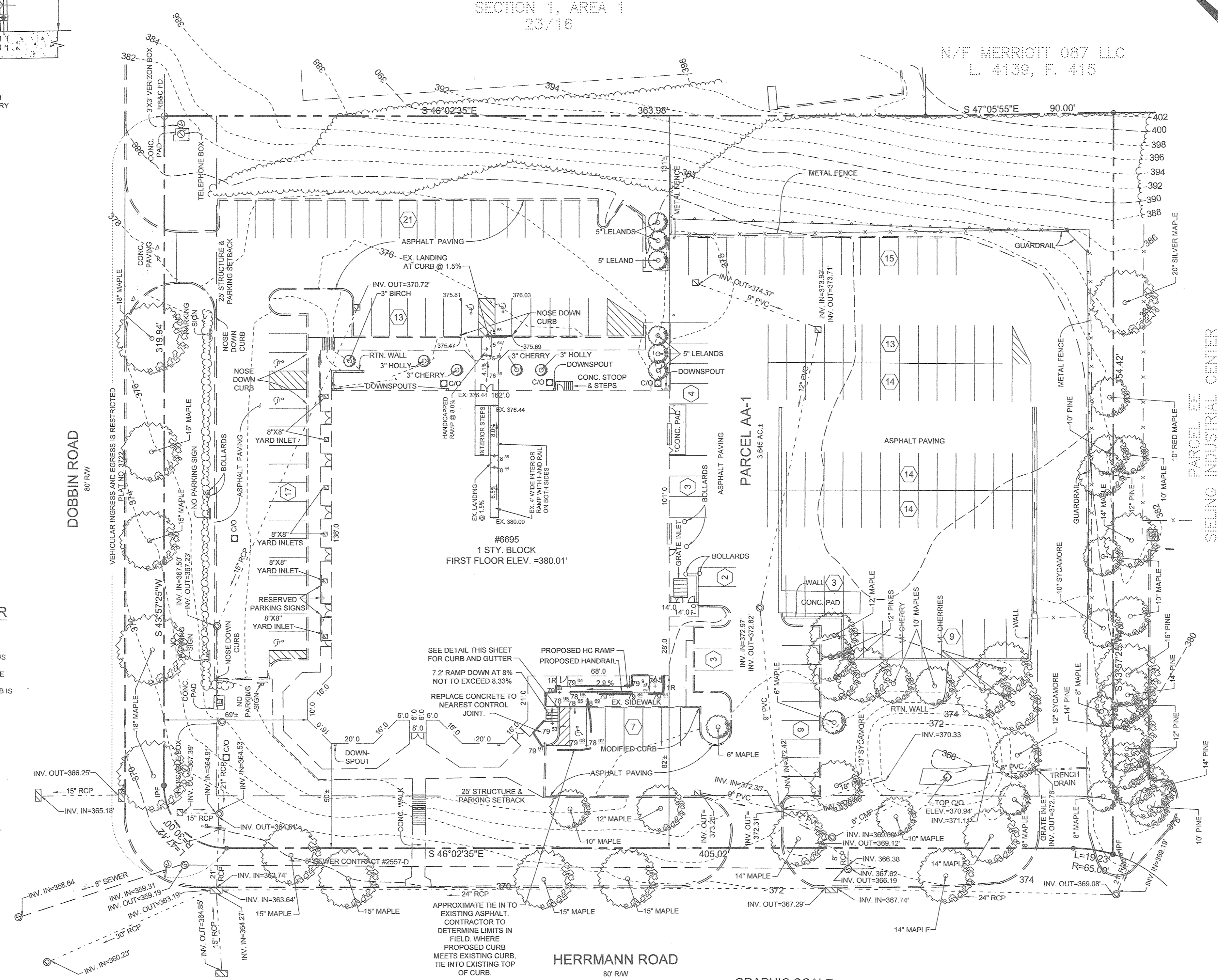


**STANDARD COMBINATION CURB AND GUTTER**  
HOWARD COUNTY STANDARD R-3.01  
NOT TO SCALE

- NOTE:
1. A REVERSE GUTTER PAN SHALL HAVE A GUTTER SLOPE OF 4.17% AWAY FROM THE FLOW LINE, AND SHALL NOT BE USED WHERE THIS DRAINAGE CREATES A HAZARDOUS CONDITION.
  2. GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OF THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AND IN THE SAME DIRECTION AS THE PAVEMENT. MATCH PAVEMENT CROSS SLOPE WHEN CURB IS LOCATED ON THE LOW SIDE OF SUPERELEVATED SECTION AND THE RATE OF SUPERELEVATION IS GREATER THAN 3% FOR MODIFIED CURB & GUTTER.
  3. A MINIMUM OF TWO (2) FEET OF COMPACTED STABILIZED EARTH, OR EQUIVALENT, SHALL SUPPORT THE ENTIRE BACK OF CURB.
  4. POSITIVE DRAINAGE SHALL BE PROVIDED BOTH BEHIND THE CURB AND ALONG THE GUTTER AND FLOW LINE.

SEILING INDUSTRIAL CENTER  
SECTION 1, AREA 1  
23/16

N/F MERRIOTT 087 LLC  
L. 4139, F. 415



**LEGEND**

EXISTING CONTOUR	---
EXISTING TREELINE	~
CONC. CURB & GUTTER	=====
EXISTING GRAVEL	-----
EXISTING SIDEWALK	-----
EXISTING FENCE	-----
BOUNDARY	-----
ADJOINING BOUNDARY	-----
EXISTING SANITARY SEWER	---
EXISTING STORM DRAINS	---
EXISTING WATER METER	⊙
EXISTING TRANSFORMER	⊞
EXISTING CABLE BOX	⊕
EXISTING TELEPHONE BOX	⊖
EXISTING VERIZON BOX	⊗
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING SANITARY SEWER MANHOLE	⊙
EXISTING SANITARY SEWER CLEANOUT	⊙
EXISTING LIGHT POLE	⊙
EXISTING SIGN	⊙
EXISTING BOLLARD	⊙
EXISTING SOIL BORING	⊙
EXISTING PARKING COUNT	⊙
PROPOSED REVERSED CURB AND GUTTER	=====
PROPOSED STANDARD CURB AND GUTTER	=====

**TENANT CHART**

SUITE#	TENANT	RETAIL AREA	RESTAURANT	COMMERCIAL RECREATION FACILITY AREA
A	COLUMBIA AXE, LLC / STUMPY'S HATCHET HOUSE			10,500 SF
B	DOROTHY REDDING REDDING ART SCHOOL	1,283 SF		
C	COLUMBIA SCUBA, INC	2,733 SF		
D	MMB BATTERIES/ BATTERIES PLUS	2,143 SF		
F	FRISCO BURRITO INC./FRISCO TAPHOUSE		8,914 SF	
<b>TOTAL AREAS</b>		<b>6,159 SF</b>	<b>8,914 SF</b>	<b>10,500 SF</b>
<b>TOTAL BUILDING AREA</b>		<b>25,573 SF</b>		
<b>PARKING REQUIREMENTS</b>		<b>5 SPACES/1,000 SF</b>	<b>5 SPACES/1,000 SF</b>	<b>5 SPACES/1,000 SF</b>
<b>REQUIRED PARKING</b>		<b>31</b>	<b>45</b>	<b>53</b>
<b>TOTAL PARKING REQUIRED</b>		<b>129 SPACES</b>		
<b>PARKING PROVIDED</b>		<b>161 SPACES</b>		

NOTE: THE COMBINED TOTAL LOD OF 900 SF IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. ANY FUTURE INCREASE EXCEEDING 5,000 SF SHALL BE REQUIRED TO MEET CURRENT STORMWATER MANAGEMENT CRITERIA.

CONTRACTOR TO ENSURE ALL PROPOSED EXTERIOR ACCESS WAYS, INCLUDING SIDEWALKS, RAMPS, STAIRS, AND HANDICAP ACCESSIBLE AREAS COMPLY WITH THE MOST RECENT APPLICABLE VERSION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN.

**OWNER/DEVELOPER**  
DOBBIN LLC  
PO BOX 355  
COLUMBIA, MD 21045-0355

**REVISED SITE DEVELOPMENT PLAN  
AS BUILT CONDITIONS  
REDDING RENTAL**  
6695 DOBBIN ROAD, COLUMBIA, MD

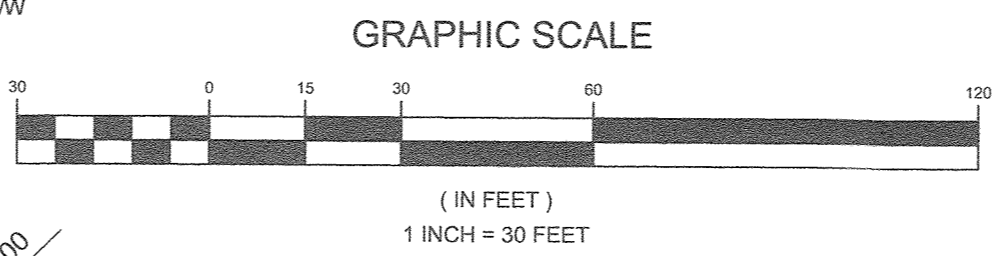
TAX MAP 36 GRID 23  
16TH ELECTION DISTRICT

PARCEL 424  
HOWARD COUNTY, MARYLAND

DESIGN BY: PS  
DRAWN BY: PS  
CHECKED BY: PS  
SCALE: AS SHOWN  
DATE: AUGUST 2, 2019  
PROJECT #: 19-007  
SHEET #: 9 of 9

**SILL ENGINEERING GROUP, LLC**  
11130 Dovecote Court  
Marriottsville, Maryland 21104  
Phone: 410.325.5076  
Fax: 410.696.2022  
Email: info@sillengineering.com  
Civil Engineering for Land Development

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. 33025, EXPIRATION DATE: JUNE 20, 2021



PLAN VIEW  
SCALE: 1"=30'

THE PURPOSE OF THIS SHEET IS TO  
SHOW AS-BUILT AND PROPOSED  
CONDITIONS

No.	DESCRIPTION	DATE
3	ADDED HANDICAP RAMP, ADJUSTED GRADING AT EX. HANDICAP PARKING, TO BE IN COMPLIANCE, ADDED RAILING DETAIL, CURB AND GUTTER DETAIL, UPDATED LEGEND AND TENANT CHART, ADDED SWM NOTE AND ADA NOTE, UPDATED ADDRESS AND CHANGED PAGE NUMBER.	08/01/2019
2	REVISED HANDICAPPED ACCESS TO SOUTH EAST SIDE OF BLDG. WITH SPOT ELEVATIONS AND ADDED RAMP.	
1	REVISED HANDICAPPED ACCESS TO NORTH EAST SIDE OF BLDG. WITH SPOT ELEVATIONS AND ADDED INTERIOR RAMP, LANDING AND FINISHED FLOOR SPOT ELEVATIONS AND REMOVED PVIOUS PAVING	1/10/2017
<b>REVISIONS</b>		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

8/9/19  
8/12/19  
8-12-19

CHIEF, DEVELOPMENT ENGINEERING DIVISION  
CHIEF, DIVISION OF LAND DEVELOPMENT  
DIRECTOR