

General Notes

- All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
- The contractor shall notify the Department of Public Works, Bureau of Engineering, Construction Inspection Division at (410) 313-1880 at least 48 Hours prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- The contractor shall notify the Howard County Department of Public Works, Bureau of Utilities at (410) 313-4900 at least five (5) working days prior to starting any excavation work.
- Proposed user Bank
- All plan dimensions are to face of curb unless otherwise noted.
- Existing topography is shown per field run survey information by Gutschick, Little Weber, P.A. + by design grades from design plans for construction.
- Coordinates and bearings are based upon the MD State plane system (NAD '83).
- Water and sewer service is public.
- Stormwater management for this site is proposed by SDP-01-09. A water quality manhole is existing for this site under SDP 01-132.
- All existing water and sewer is per Contract 24-4035-D.
- All existing public storm drain is per SDP-01-132.
- See trench bedding class 'C' for storm drains.
- Recording reference: Plat No. 15547
- Existing utilities are based on approved design plans for construction and field location by Gutschick, Little + Weber, P.A.
- There is no floodplain on Site.
- There are no wetlands on Site.
- Building setbacks and building restrictions are per FDP 235.
- This site is exempt from the forest conservation requirements of Section 16.1200 of the Howard County Code by Section 16.1202(b)(1)(iv).
- NOTE: In case of discrepancies between the plat and the plans, the plat shall govern.
- No clearing, grading or construction is permitted within any wetland, wetlands, buffer, 50' stream buffer or floodplain.
- All outdoor lighting shall comply with the requirements of zoning section 134. The site lighting indicated on these plans is a single or twin bronze, full cutoff, 400 watt fixture mounted on a 30-foot tall round, tapered, dark bronze pole.
- This project is part of a construction, operation + reciprocal easement agreement that allows shared parking, driveway access + common utility maintenance for all parcels. (C-1C-4C-6 thru C-8), recorded as Liber 5708 Folio 628.
- The Landscape Plan was prepared according to the Alternative Compliance Section of the Landscape Manual.
- A. Any damage to the County's right-of-way shall be corrected at the developers expense.
B. Water and sewer house connections elevations shown are located at the limit of the public easement.
- A Knox Box (Fire Department access box) is required to be placed on the front of the building. It shall be placed to the right of the main entrance at a range of 4-5' in height and no more than 6' laterally from the door. The box shall be electronically supervised to notify the owner that it is being accessed (integrated with the fire alarm system).

Michael J. T...
Professional Engineer
No. 14931
Expiration Date May 21, 2012

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 14931
EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
Dennis J. Butler 7-26-10
Director Date
[Signature] 7-23-10
Chief, Division of Land Development Date
[Signature] 7-22-10
Chief, Development Engineering Division Date

GLWGUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES. MJT DRN. Wsj CHK.

DATE: 6-9-10
CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA, ADD ATM ISLAND AND CANOPY (it was a donut shop)
REVISION: mjt mjt
BY: APPR.

OWNER & PREPARED FOR:
STATE EMPLOYEES CREDIT UNION OF MD
971 CORPORATE BOULEVARD
LINTHICUM, MARYLAND 21090-2337
ATTN: MARK SMITH
TELE: (410) 487-7920 EXT. 2014

SITE DEVELOPMENT PLAN

ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C-6'
PLAT No. 15547

SCALE: 1"=30'
DATE: JUNE, 2010
ZONING: NT
TAX MAP - GRID: 36&37-18&13
G. L. W. FILE No.: 09053
SHEET: 1 OF 9

ELECTION DISTRICT No. 6
HOWARD COUNTY, MARYLAND
SDP-03-112

Sheet Index

- Site Development Plan
- Site Details, Building Dimensions + Storm Drain Manifold Plan
- Handicap Accessibility Details
- Landscape Plan
- Landscape Details Notes + Schedules
- Sediment Control Plan
- Sediment Control Details
- Utility Profiles
- Drainage Area Map

Site Analysis Data Chart

- Total Project Area of Parcel 'C-6' = 80,562 SF or 1.85 Ac.
- Limit of Disturbed Area = 62,291 SF or 1.43 Ac.
- Zoning = NT - Employment Center - Commercial (FDP 235)
- Proposed User Bank.
- Floor Area = 4,656 SF Gross Building Area
- No. of standard parking spaces required: 4,656 SF / 1,000 SF x 5 = 24 spaces.
- No. of handicap spaces required: 2 spaces (1 van space).
- No. of standard parking spaces provided: 44 spaces.
- No. of handicap spaces provided: 2 spaces (2 van spaces).
- Total patron parking spaces provided: 46 spaces.
- Building Area (includes roof overhang + canopy) 5,071 SF.
- Building Coverage: 6.3 %.
- Project background: See Dept. of Planning + Zoning File Numbers: F-00-149.5 99-05, FDP 235, PB 337, WP 99-117, WP 00-24, WP 99-41, SDP-01-09, SDP-01-132, SDP-02-106, SDP-02-142, + F-02-141.
* On July 1, 1999, WP-99-117, waiver of Section 16.144(F) was granted to not be required to submit a Preliminary Plan, subject to various conditions in the approval letter.
** On October 1, 1999, WP-00-24, waiver of Section 16.144, was granted to reactivate Sketch Plan 5-99-05 and grant a 45 day extension to submit the Sketch Plan for signature.
*** On March 23, 1999, WP-99-41, waiver of Section 16.144(F)(1), was approved to permit a private commercial driveway direct access to an arterial road, subject to various conditions in the approval.

LEGEND

- 366 --- EX. CONTOUR
- 66 --- PROP CONTOUR
- () EX. TREES
- 105 --- EX. STORM DRAIN
- 105 --- PROP. STORM DRAIN
- 105 --- LIMIT OF SUBMISSION
- 8'S --- EX. SANITARY SEWER
- 8'S --- EX. WATERLINE
- 8'S --- CONCRETE CURB + GUTTER
- 8'S --- PROP. SANITARY SEWER
- 8'S --- PROPOSED WATERLINE
- 8'S --- EX. CURB + GUTTER
- 8'S --- PATRON ACCESS
- 8'S --- PROPOSED REVERSE CURB + GUTTER
- 8'S --- CONCRETE SIDEWALK, DUMPSTER PAD OR UTILITY PAD
- 8'S --- EX. EASEMENTS
- 8'S --- EX. ASPHALT PAVING
- X 78 TOP OF PAVING SPOT SHOT
- NUMBER OF PARKING SPACES
- 78 --- PROP. LIGHT FIXTURE + POLE
- * --- 78 --- EX. LIGHT FIXTURE + POLE

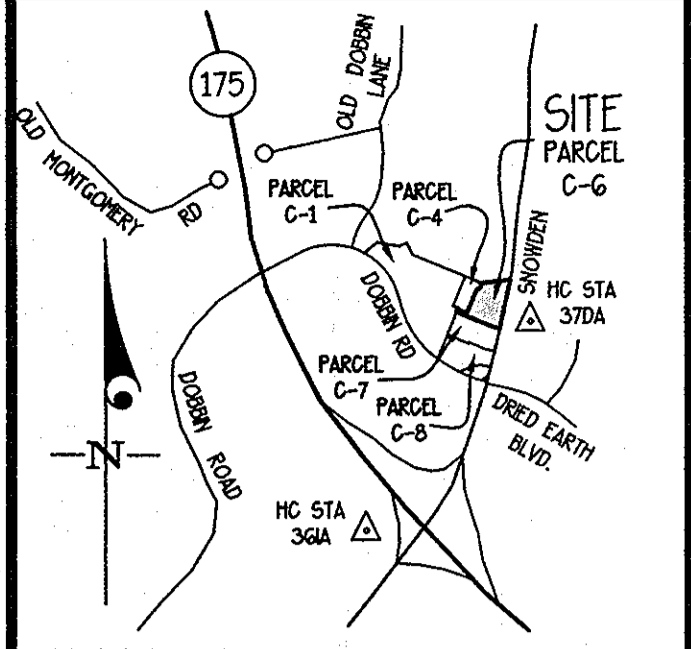
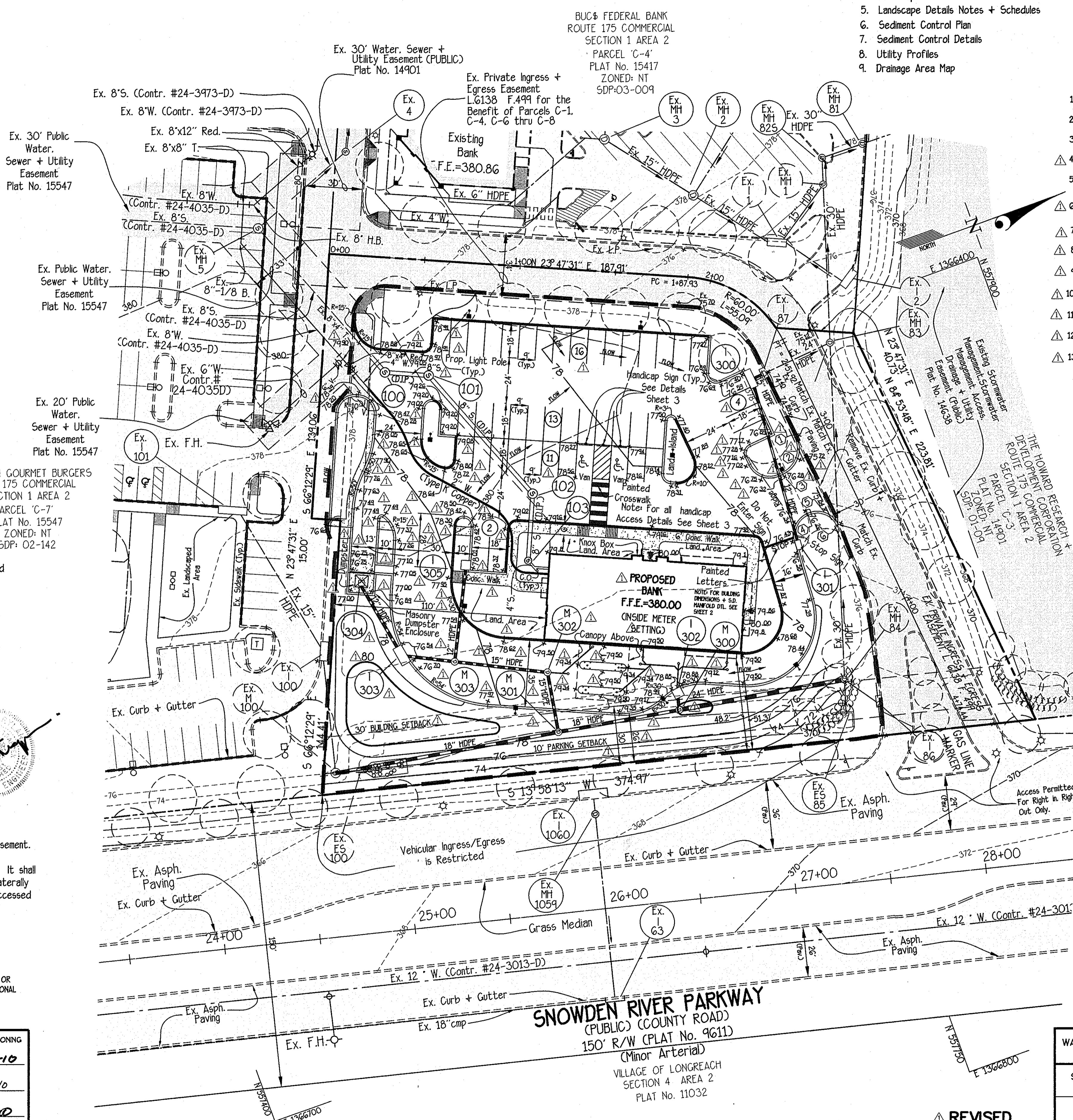
ACCESS ROAD

POINT No.	C.I. STATION	OFFSET
(1)	2+49.16	15' Right
(2)	3+09.76	19.34' Right
(3)	3+14.16	30' Right
(4)	3+38.16	27' Right
(5)	3+41.67	18.51' Right
(6)	3+50.16	15' Right

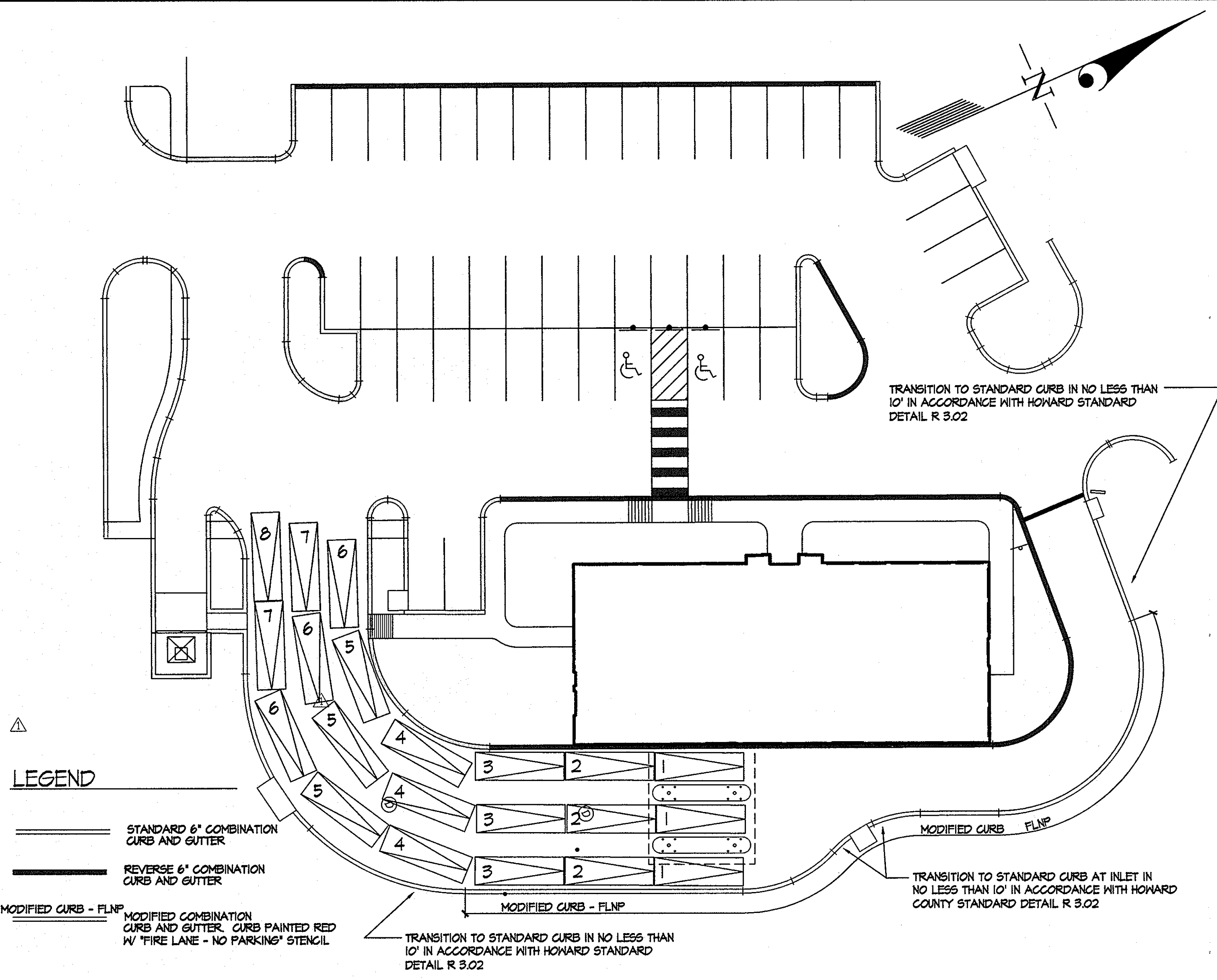
ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
'C-6'	8630 SNOWDEN RIVER PARKWAY

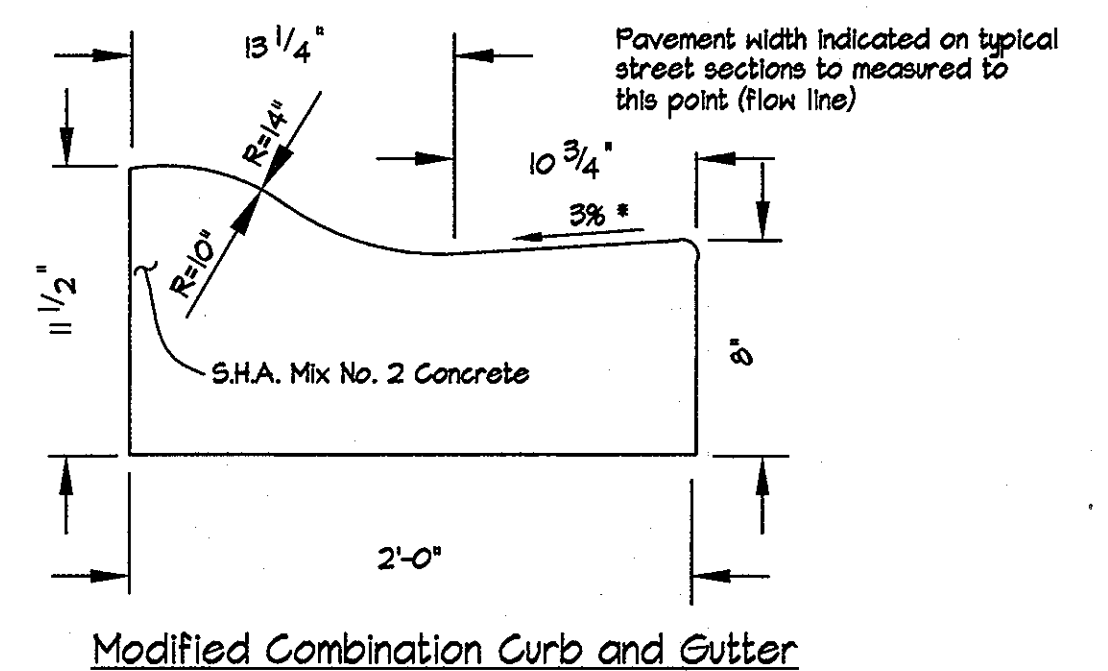
WATER CODE:	SEWER CODE:	SUBDIVISION NAME:	SECTION/AREA:	PARCEL:
EO6	3460000	ROUTE 175 COMMERCIAL	1 / 2	'C-6'
PLAT No. 15547	ZONE NT	TAX MAP 36+37	BLOCK 18+13	ELEC. DIST. 6
	EMPL. CTR. COMM.			CENSUS TRACT 6067.03



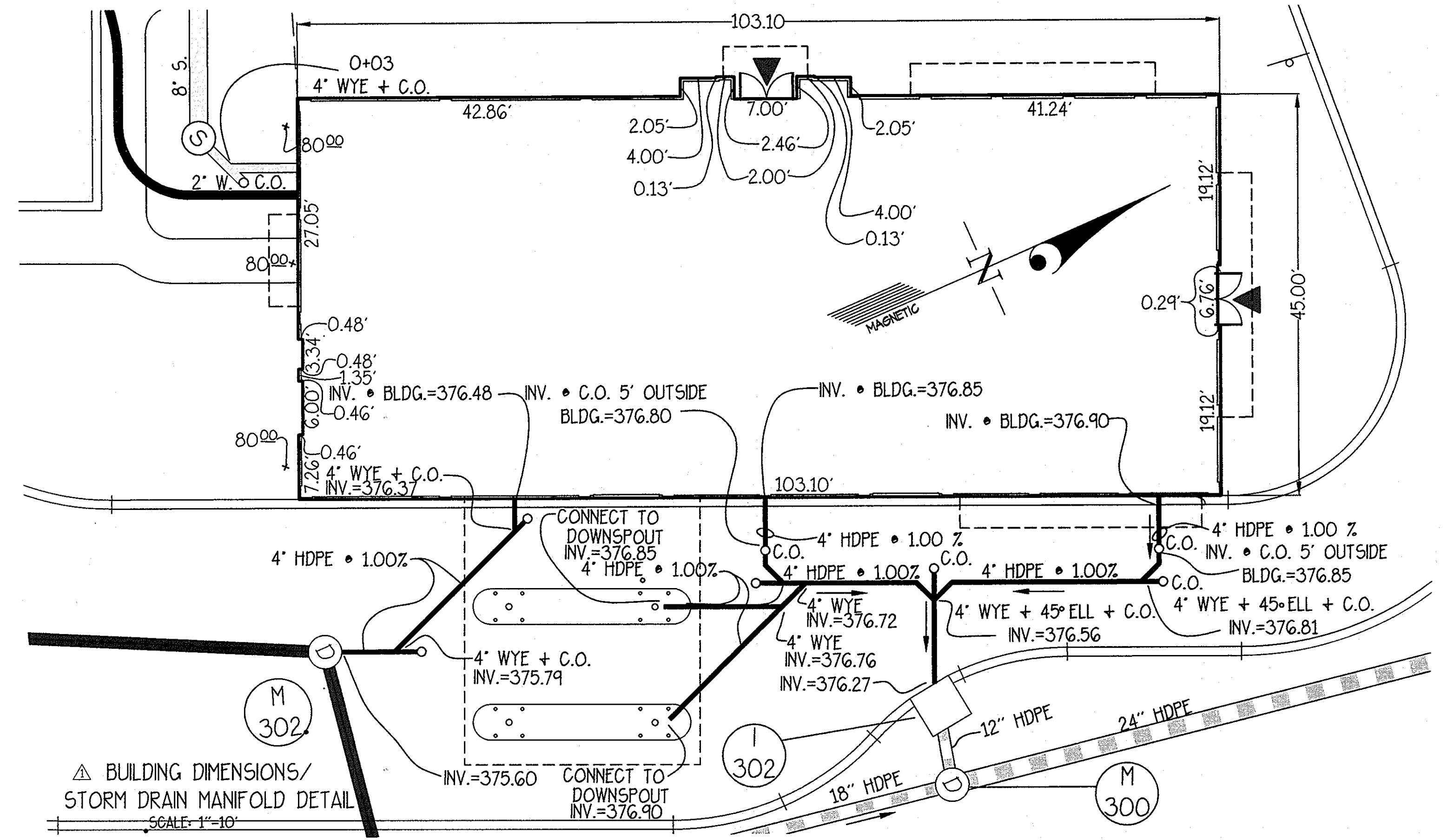
VICINITY MAP
SCALE: 1"=2000'



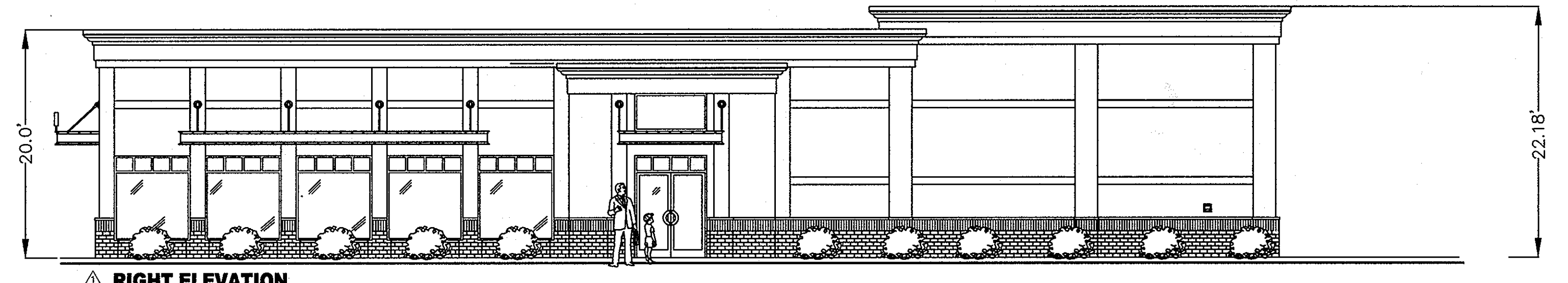
DRIVE-THRU STACKING SPACE AND CURB DELINEATION PLAN
SCALE: 1"=20'



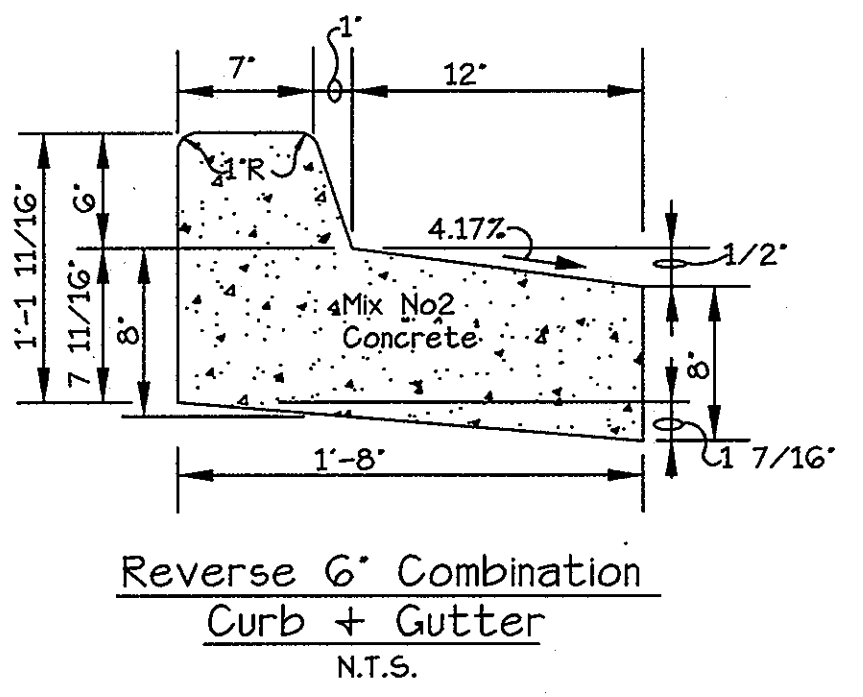
* Gutter pan at the median edge of intermediate arterials or the high side of super-elevated sections shall be sloped at the same rate and in the same direction as the pavement. Match pavement cross slope when curb is located on the low side of super-elevated section and the rate of super-elevation is greater than 3% for modified curb and gutter.



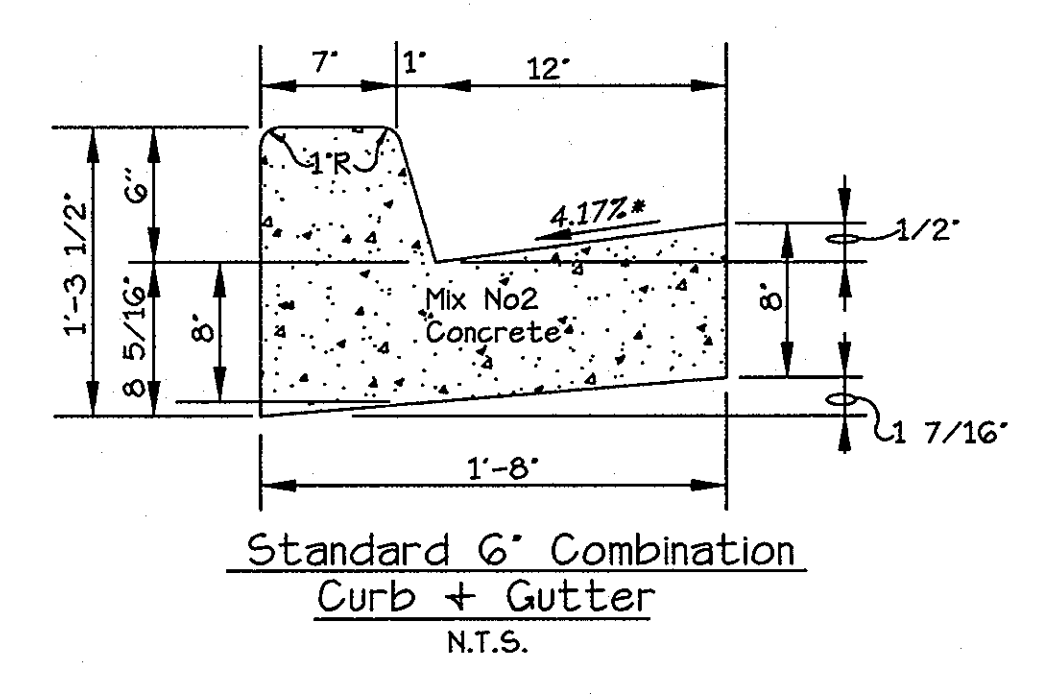
BUILDING DIMENSIONS/
STORM DRAIN MANIFOLD DETAIL
SCALE: 1"=10'



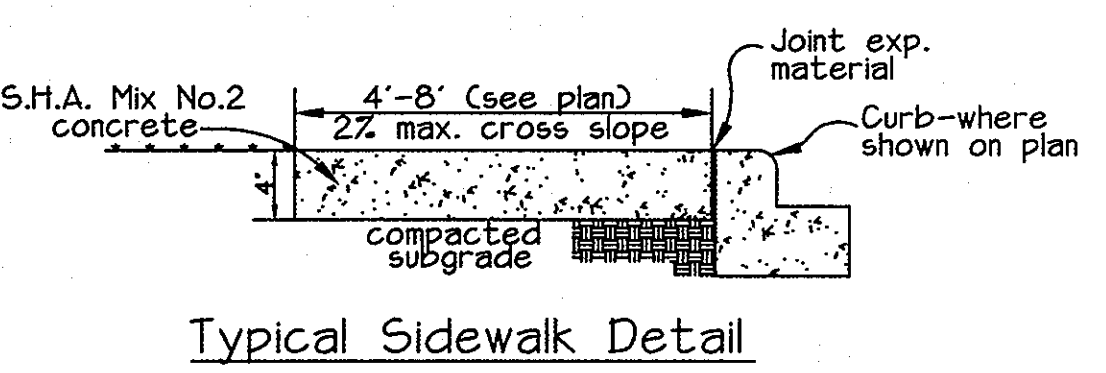
RIGHT ELEVATION
SCALE: 1/4"=1'-0"



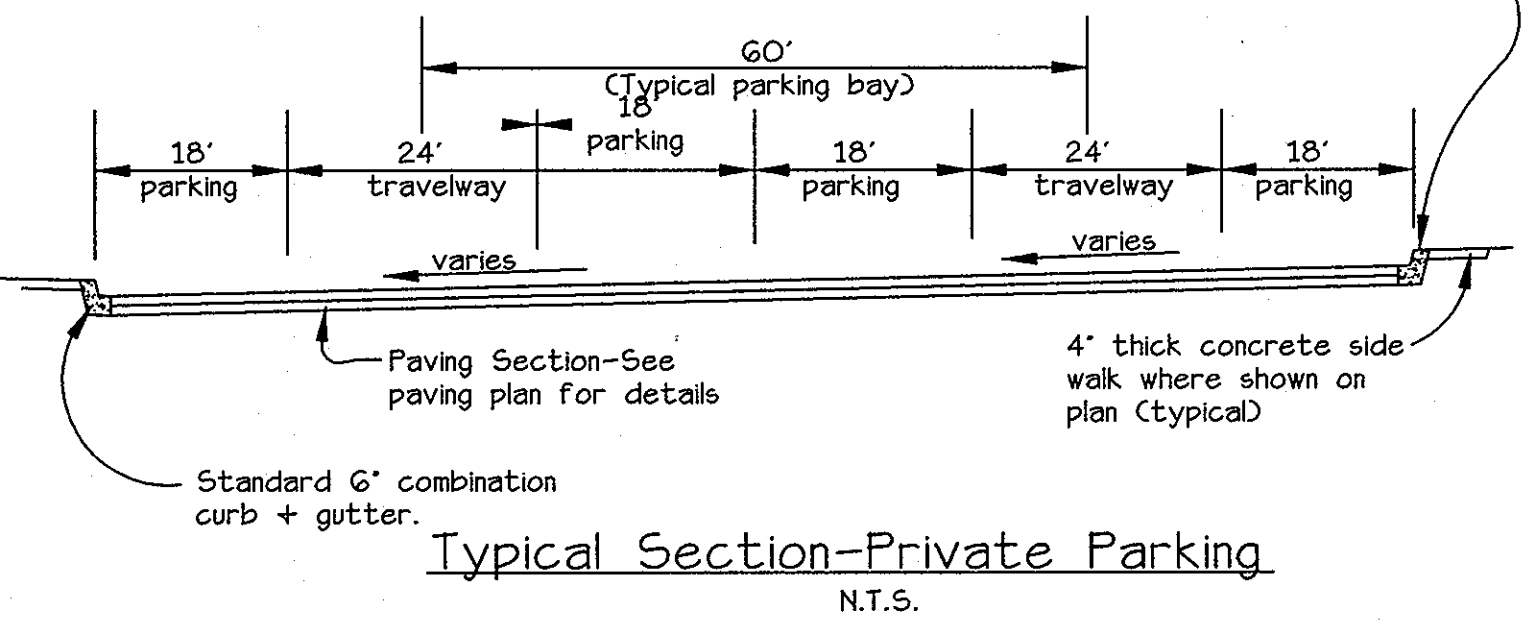
Reverse 6" Combination
Curb + Gutter
N.T.S.



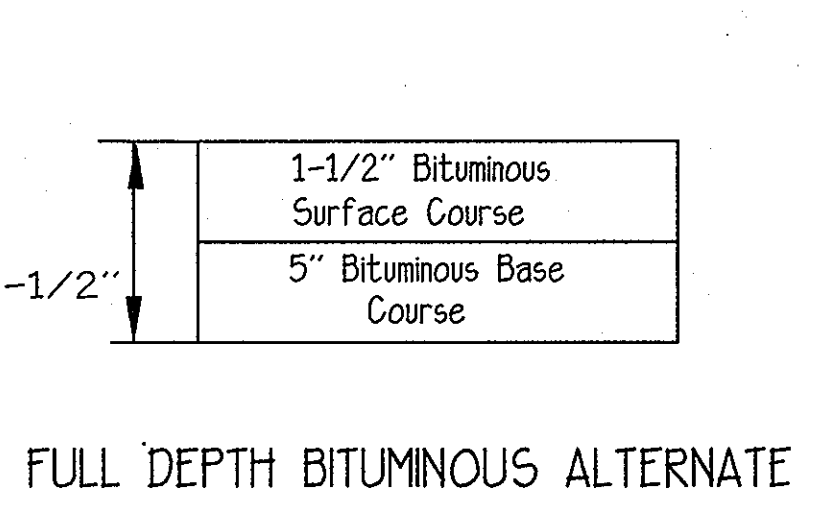
Standard 6" Combination
Curb + Gutter
N.T.S.



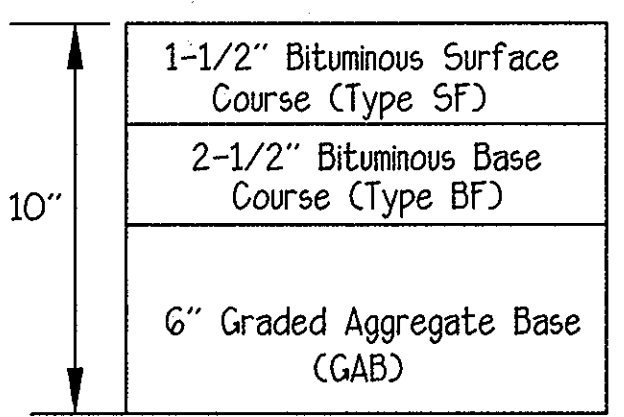
Typical Sidewalk Detail



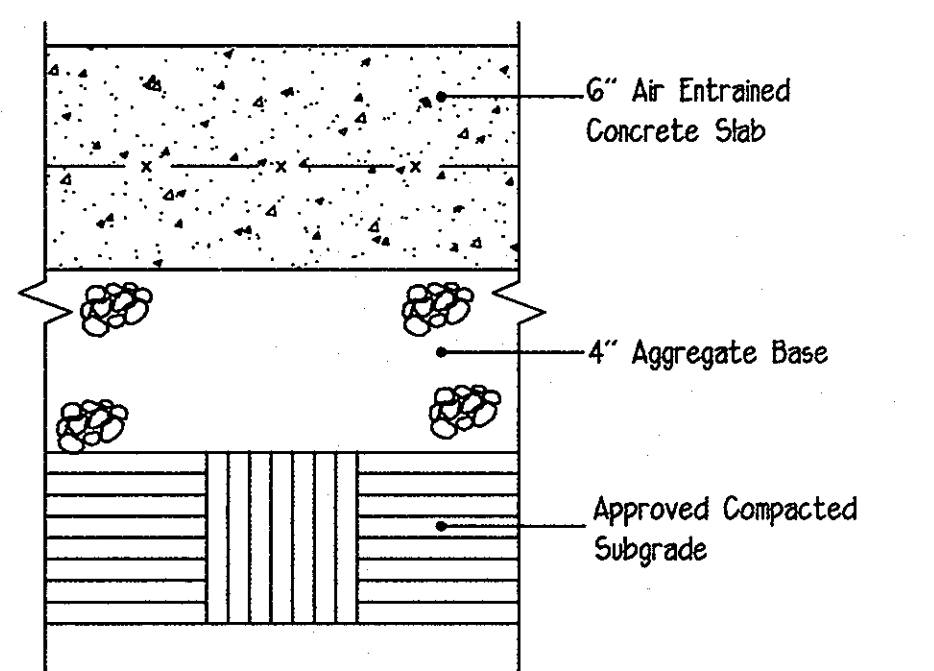
Typical Section-Private Parking
N.T.S.



FULL DEPTH BITUMINOUS ALTERNATE



P-2 - MEDIUM DUTY PAVEMENT DETAIL
N.T.S.



PORTLAND CEMENT CONCRETE PAVEMENT

Materials and construction procedures shall be in accordance with the Md. D.O.T. Standard Specifications Section 520.

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14931, EXPIRATION DATE MAY 21, 2012.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
 Director: *Thomas E. Butler* Date: 7/20/10
 Chief, Division of Land Development: *John J. Smith* Date: 7-23-10
 Chief, Development Engineering Division: *John J. Smith* Date: 7/20/10

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONTVILLE OFFICE PARK
 BURTONTVILLE, MARYLAND 20868
 TEL: 301-421-4024 BALT: 410-883-1820 DC/VA: 301-988-2524 FAX: 301-421-4186

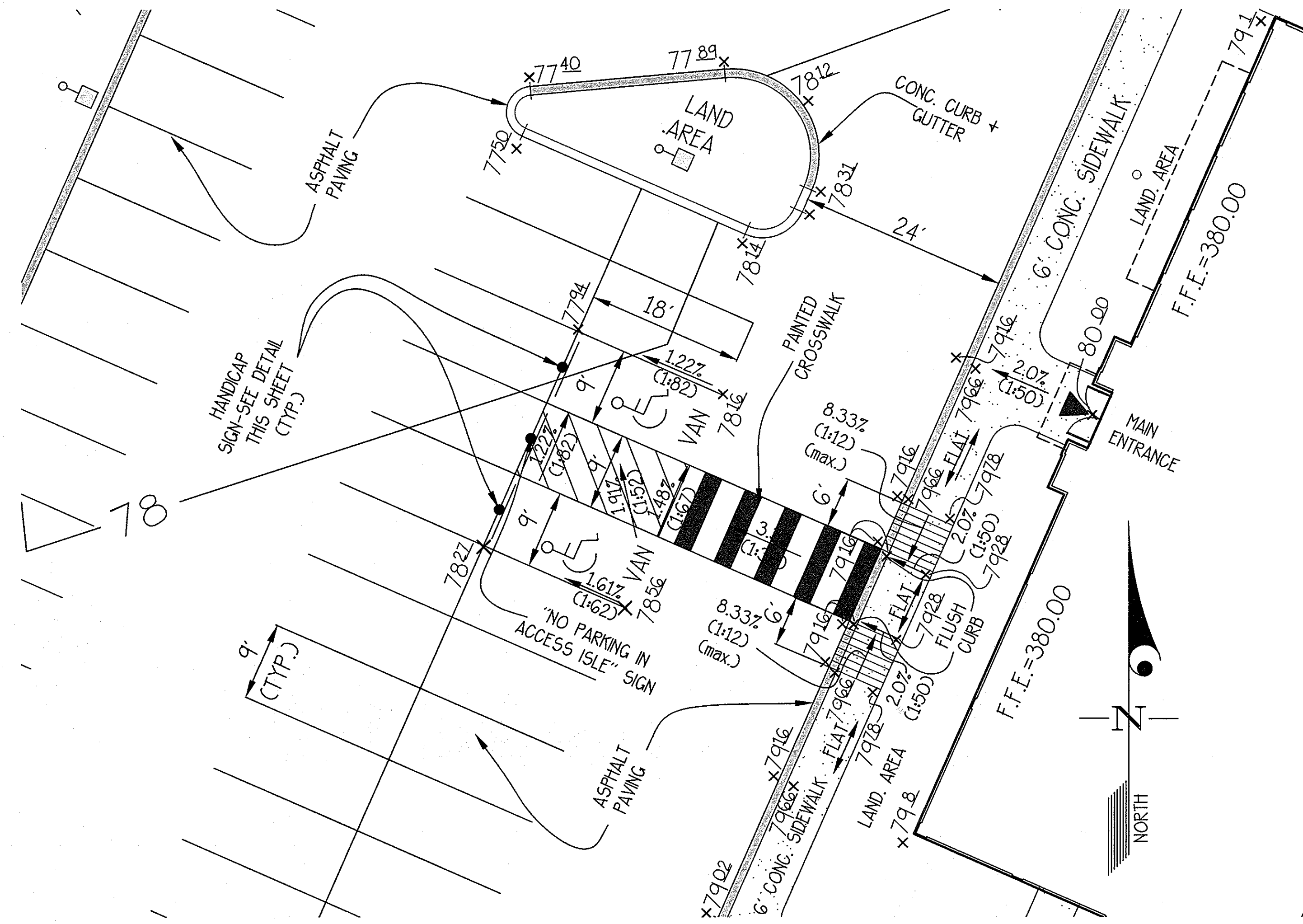
DATE	REVISION	BY	APPR.
5-20-10	REVISED MANIFOLD DETAIL AND ADDED A DRIVE-THRU STACKING SPACE PLAN		

OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE BOULEVARD
 LINTHICUM, MARYLAND 21090-2537
 ATTN: MARK SMITH
 TELE: (410) 487-7920 EXT. 2014

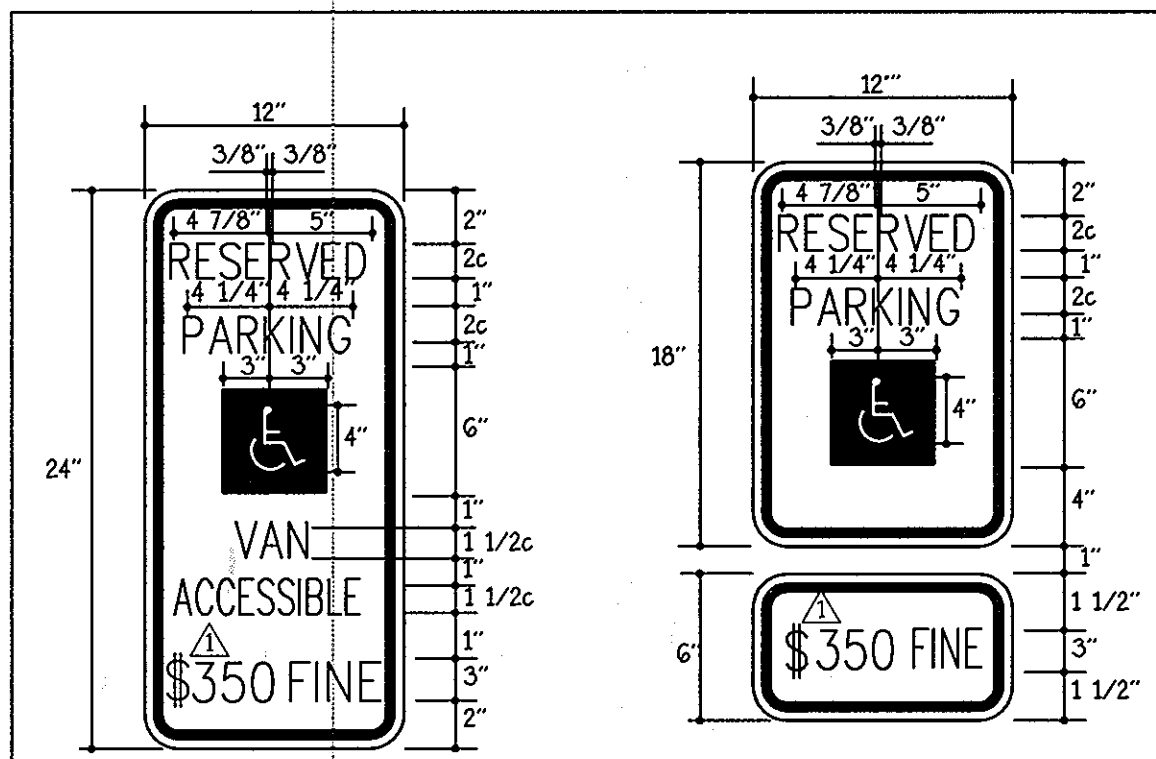
SITE DETAILS, BUILDING DIMENSIONS & STORM DRAIN MANIFOLD PLAN
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C-6'
 PLAT No. 15547
 ELECTION DISTRICT No. 6

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	02092
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36&37-18&13	2 OF 9

SDP 03-112

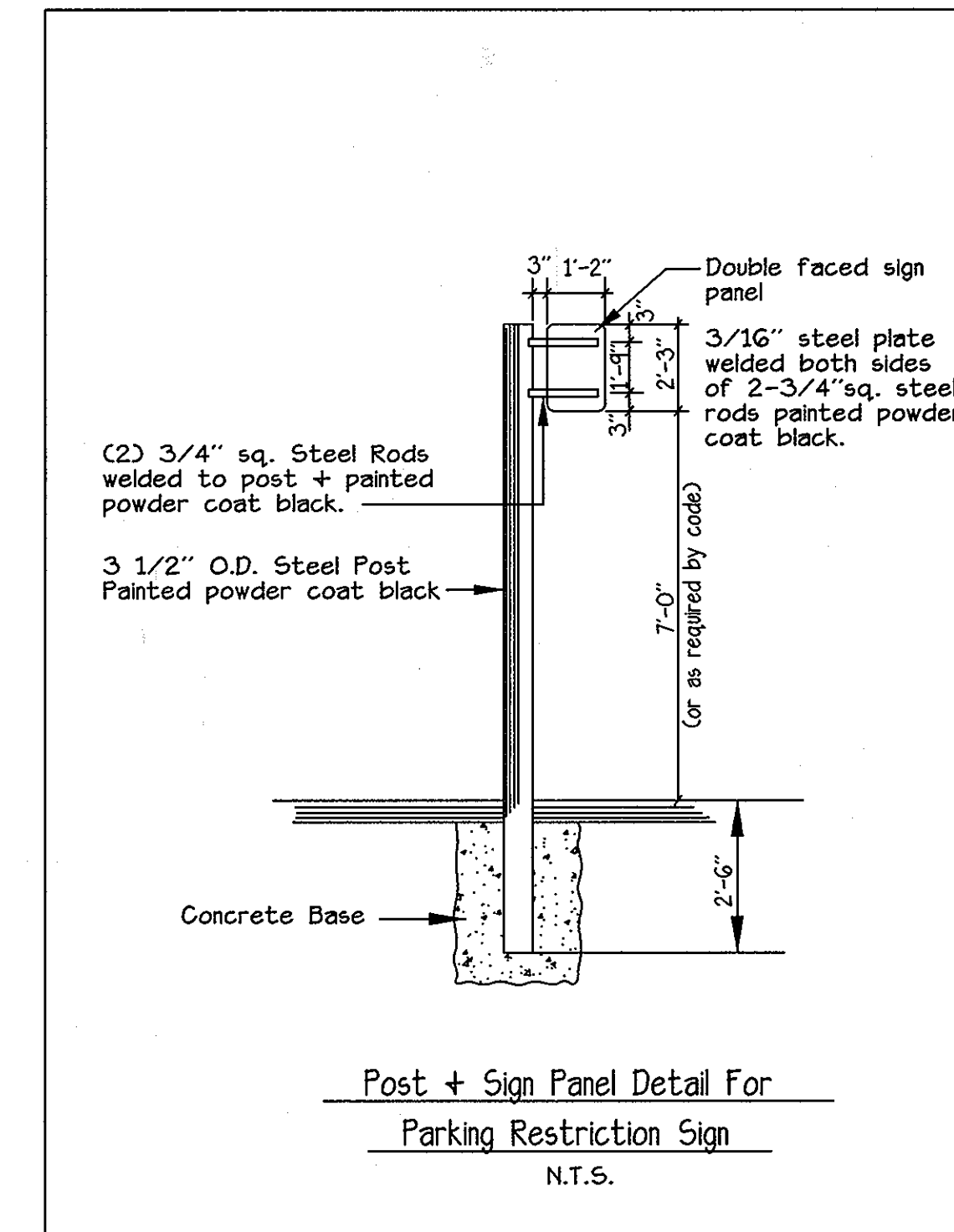


HANDICAP ACCESSIBILITY DETAIL
SCALE: 1"=10'

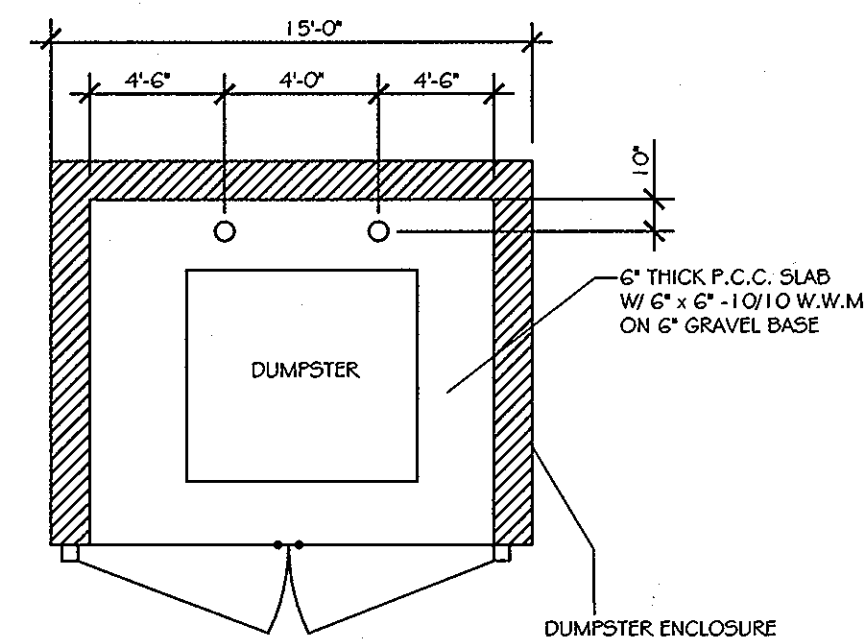
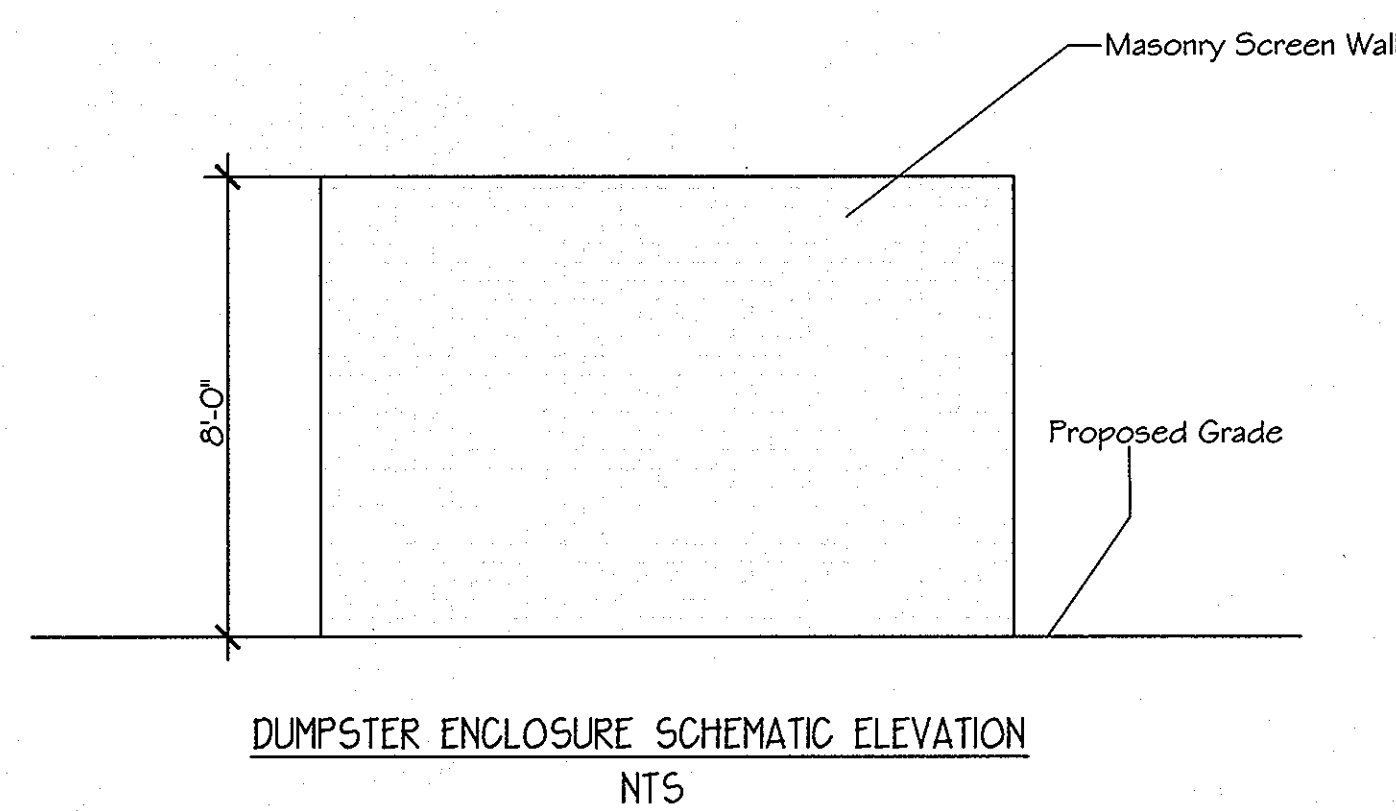


General Notes:
 1. Signs shall meet design standards of the Federal Highway Administration and conform to the State of Maryland Standard Highway sign booklet detail R7-8.
 2. One sign is required per space placed as shown on site plan, signed accordingly.
 3. Spaces indicated on site plan as "VAN" accessible shall be signed accordingly.
 4. Colors: Legend and Border - green
 Symbol - white on blue background
 background - white

HANDICAP PARKING SIGNS DETAIL
N.T.S.

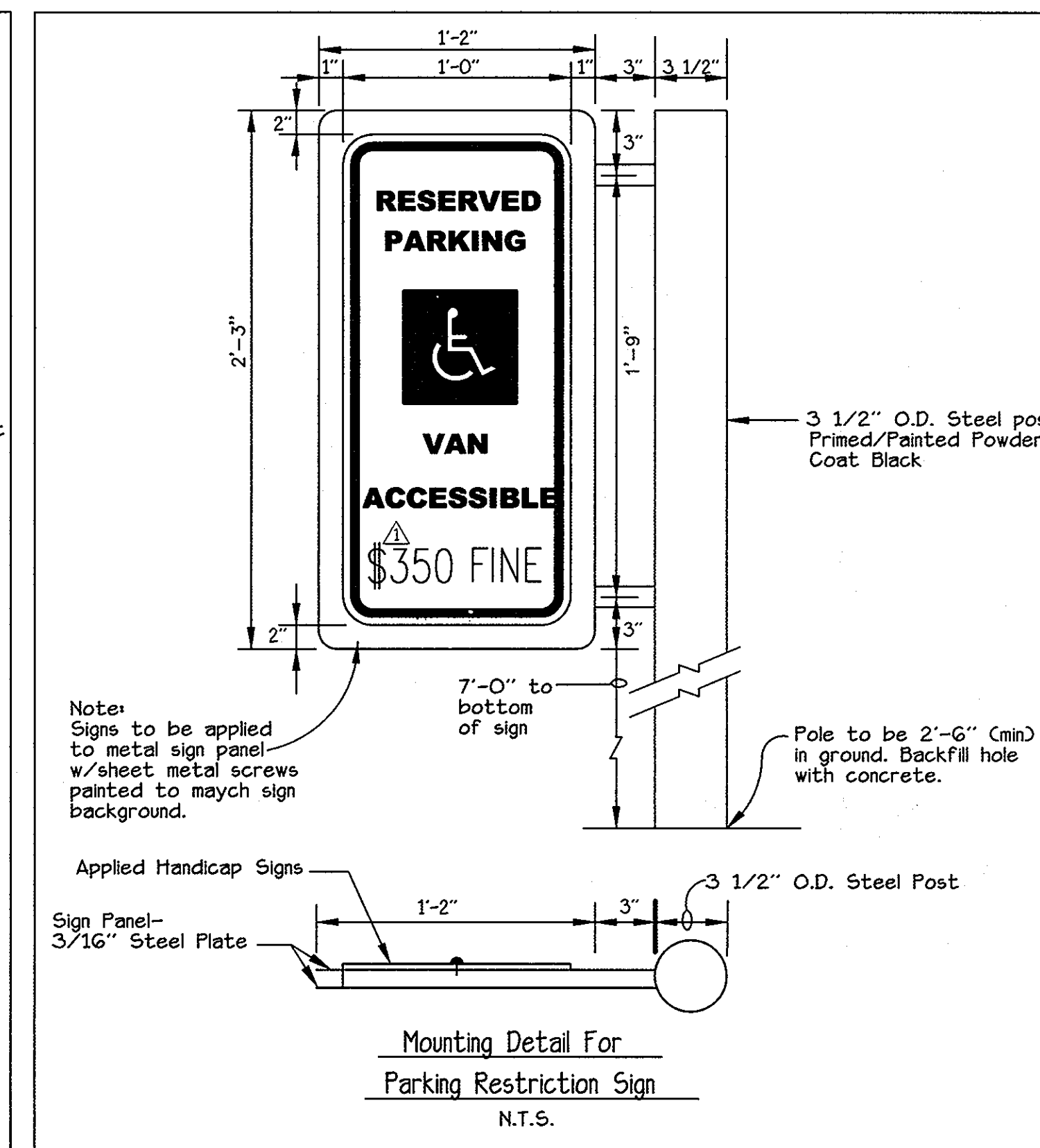
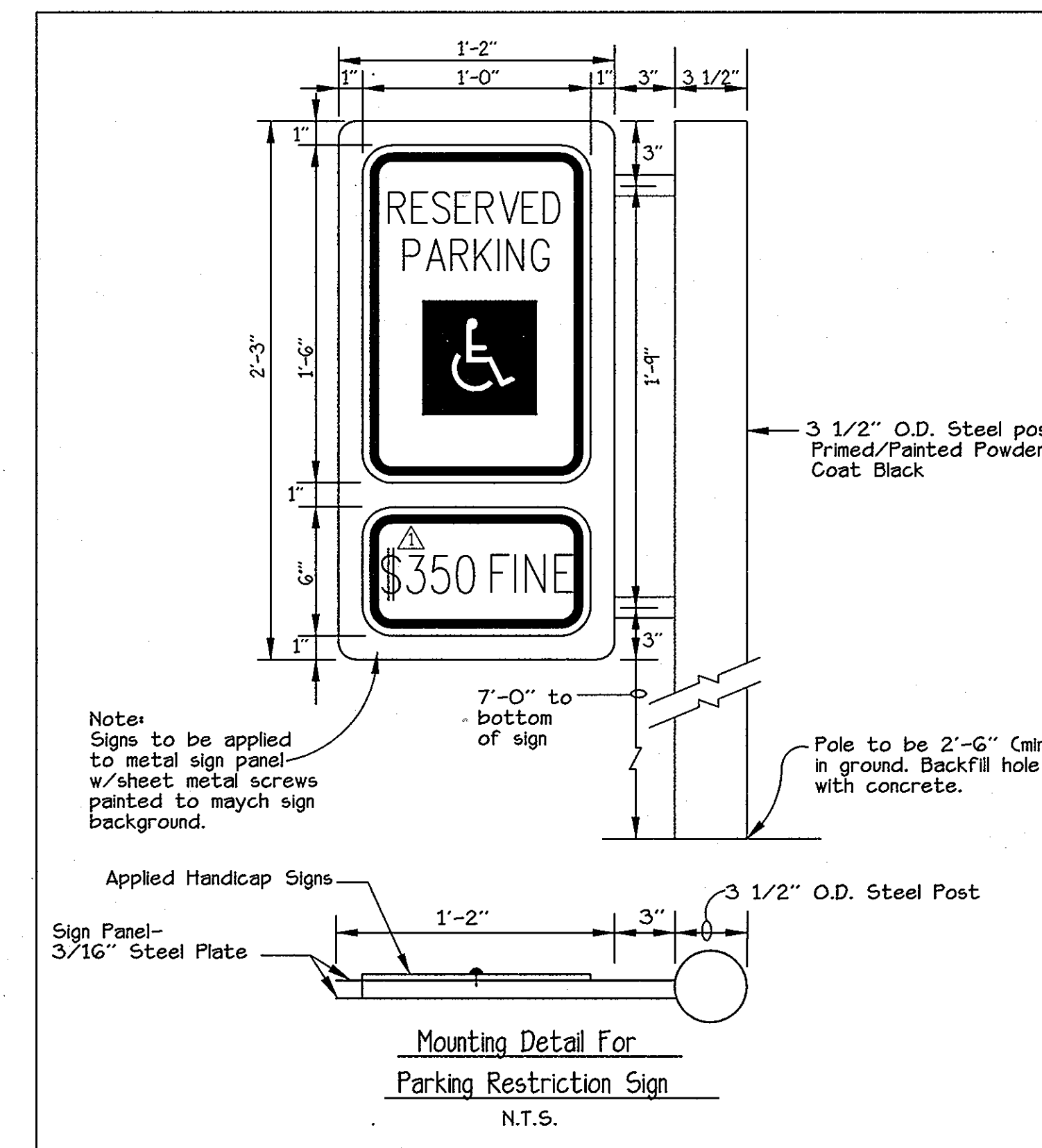


NOTES
 1. Maximum sidewalk crossslope is 2% (1:50).
 2. A 5'x5' minimum level (2%) landing is required at the top and bottom of all ramps. Ramps are slopes greater than 2%.
 3. Maximum slope in any direction of the handicap accessible parking is 2%.



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 LICENSE NO. 14431
 EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
 Director: *Thomas E. Butler* 7/26/10
 Chief, Division of Land Development: *Michael J. ...* 7-23-10
 Chief, Development Engineering Division: *...* 7/20/10



REVISD

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3009 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20886
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

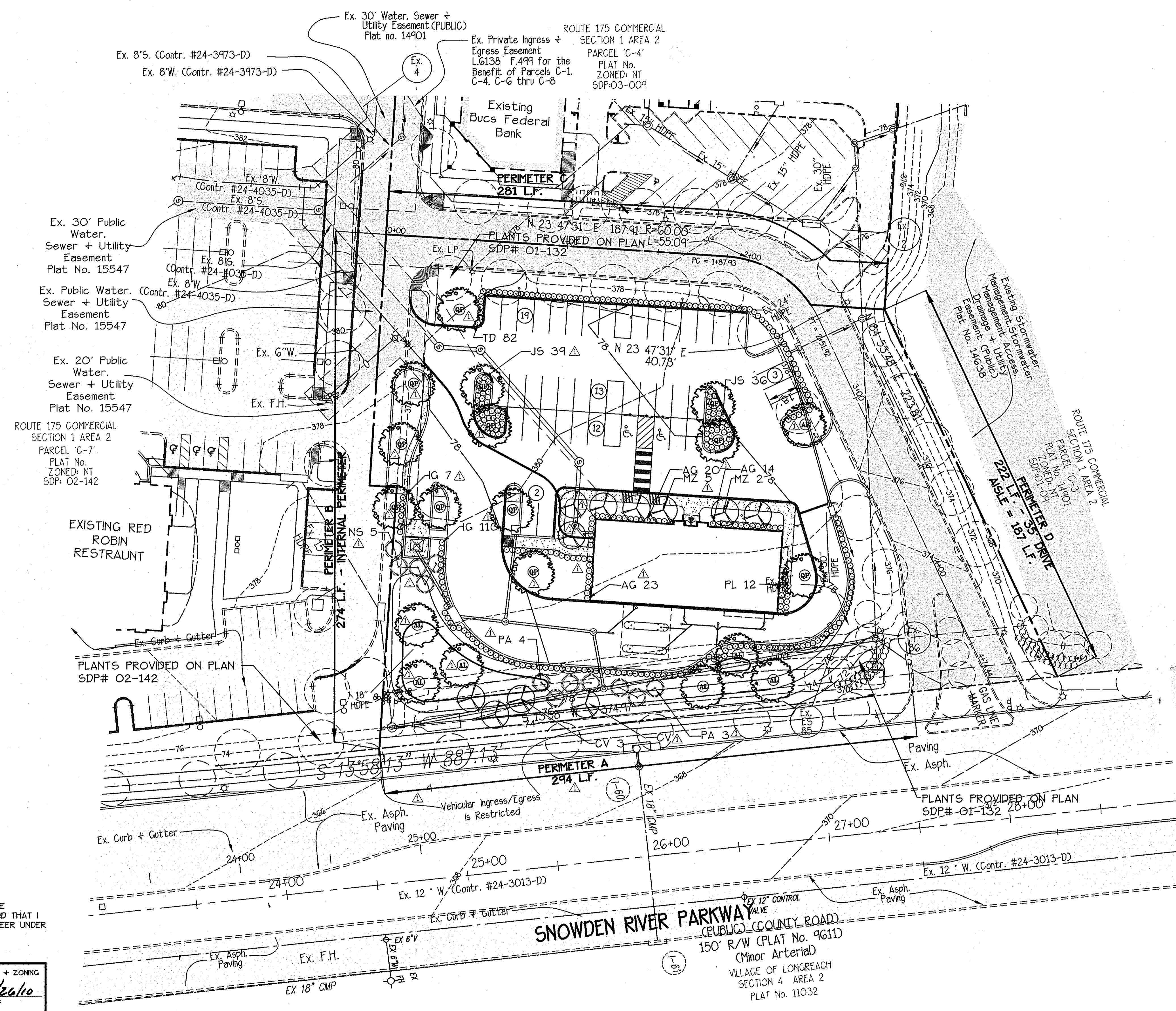
DATE	REVISION	BY	APPR.
5-20-10	CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA. ADD ATM ISLAND AND CANOPY		

OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE BOULEVARD
 LINTHICUM, MARYLAND 21090-2337
 ATTN: MARK SMITH
 TELE.: (410) 487-7920 EXT. 2014

HANDICAP ACCESSIBILITY & DUMPSTER ENCLOSURE DETAILS
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C-6'
 PLAT No. 15547
 ELECTION DISTRICT No. 6
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	02092
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36&37-18&13	3 OF 9

SDP-03-112



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14931 EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
 Director: *Dennis G. Butler* Date: 7/26/10
 Chief, Division of Land Development: *W. J. ...* Date: 7-23-10
 Chief, Development Engineering Division: *Chad ...* Date: 7/22/10

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3009 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20888
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DATE	REVISION	BY	APPR.
6-5-10	CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA, ADD ATM ISLAND AND CANOPY	mjt	mjt
4/10/03	REVISED PER COUNTY COMMENTS	LPM	

OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE BOULEVARD
 LINTHICUM, MARYLAND 21090-2337
 ATTN: MARK SMITH
 TELE.: (410) 487-7920 EXT. 2014

LANDSCAPE PLAN
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C-4'
PLAT NO. 15547
 ELECTION DISTRICT No. 6
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1"=30'	NT	02092
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36&37-18&13	4 OF 9

THIS SHEET FOR LANDSCAPE PURPOSES ONLY.
 REVISED

SDP-03-112

PLANT MATERIALS AND PLANTING METHODS

A. Plant Materials

The landscape contractor shall furnish and install and/or dig, ball, burlap and transport all of the plant materials called for on drawings and/or listed in the Plant Schedule.

1. Plant Names

Plant names used in the Plant Schedule shall conform with "Standardized Plant Names," latest edition.

2. Plant Standards

All plant material shall be equal to or better than the requirements of the "USA Standard for Nursery Stock" latest edition, as published by the American Association of Nurserymen (hereafter referred to as AAN Standards). All plants shall be typical of their species and variety, shall have a normal habit of growth and shall be first quality, sound, vigorous, well-branched and with healthy, well-furnished root systems. They shall be free of disease, insect pests and mechanical injuries.

All plants shall be nursery grown and shall have been grown under the same climate conditions as the location of this project for at least two years before planting. Neither heeled-in plants nor plants from cold storage will be accepted.

3. Plant Measurements

All plants shall conform to the measurements specified in the Plant Schedule as approved by the ARC.

a. Caliper measurements shall be taken six inches (6") above grade for trees under four-inch (4") caliper and twelve (12") above grade for trees four inches (4") in caliper and over.

b. Minimum branching height for all shade trees shall be six feet (6'), maximum eight feet (8').

c. Caliper, height, spread and size of ball shall be generally as follows:

CALIPER	HEIGHT	SPREAD	SIZE OF BALL
3" - 3.5"	14'-16'	6'-8'	32" diameter
3.5" - 4"	14'-16'	8'-10'	36" diameter
4" - 4.5"	16'-18'	8'-10'	40" diameter
4.5" - 5"	16'-17'	10'-12'	44" diameter
5" - 5.5"	16'-20'	10'-12'	48" diameter
5.5" - 6"	18'-20'	12'-14'	52" diameter

All plant material shall generally average the median for the size ranges indicated above as indicated in the "AAN Standards".

4. Plant Identification

Legible labels shall be attached to all shade trees, minor trees, specimen shrubs and bundles or boxes of other plant material giving the botanical and common names, size and quantity of each. Each shipment of plants shall bear certificates of inspection as required by Federal, State and County authorities.

5. Plant Inspection

The ARC may, upon request by the builder or developer, at least ten (10) days prior to the installation of any proposed plant material, inspect all proposed plant material at the source of origin.

B. Planting Methods

All proposed plant materials that meet the specifications in Section A are to be planted in accordance with the following methods during the proper planting seasons as described in the following:

1. Planting Seasons

The planting of deciduous trees, shrubs and vines shall be from March 1st to June 15th and from September 15th to December 15th. Planting of deciduous material may be continued during the winter months providing there is no frost in the ground and frost-free topsoil planting mixtures are used.

The planting of evergreen material shall be from March 15th to June 15th and from August 15th to December 1st. No planting shall be done when ground is frozen or excessively moist. No frozen or wet topsoil shall be used at any time.

3. Excavation of Plant Pits

The landscaping contractor shall excavate all plant pits, vine pits, hedge trenches and shrub beds in accordance with the following schedule:

a. Locations of all proposed plant material shall be staked and approved in the field by the landscape architect before any of the proposed plant material is installed by the landscape contractor.

b. All pits shall be generally circular in outline, vertical sides, depth shall not be less than 6" deeper than the root ball, diameter shall not be less than two times the diameter of the root ball as set forth in the following schedule.

c. If areas are designated as shrub beds or hedge trenches, they shall be excavated to at least 18" depth minimum. Areas designated for ground covers and vines shall be excavated to at least 12" in depth minimum.

d. Diameter and depth of tree pits shall generally be as follows:

PLANT SIZE	ROOT BALL	PIT DIAMETER	PIT DEPTH
3" - 3.5" cal.	32"	64"	28"
3.5" - 4" cal.	36"	72"	32"
4" - 4.5" cal.	40"	36"	36"
4.5" - 5" cal.	44"	88"	40"
5" - 5.5" cal.	48"	96"	44"
5.5" - 6" cal.	52"	104"	48"

% compaction figure of the soil to be removed is assumed and will be allowed in calculation of extra topsoil. The tabulated pit sizes are for purposes of uniform calculation and shall not override the specified depths below the bottoms of the root balls.

4. Staking, Guying and Wrapping

All plant material shall be staked or guyed, and wrapped in accordance with the following specifications:

a. Stakes: Shall be sound wood 2" x 2" rough sawn oak or similar durable woods, or lengths, minimum 7'-0" for major trees and 5'-0" minimum for minor trees.

b. Wire and Cable: Wire shall be #10 ga. galvanized or bethenized annealed steel wire. For trees over 3" caliper, provide 5/16" turn buckles, eye and eye with 4" take-up. For trees over 5" caliper, provide 3/16", 7 strand cable cadmium plated steel, with galvanized "eye" thimbles of wire and hose on trees up to 3" in caliper.

c. Hose: Shall be new, 2 ply reinforced rubber hose, minimum 1/2" I.D. "Plastic Lock Ties" or "Paul's Trees Braces" may be used in place of wire and hose on trees up to 3" in caliper.

d. All trees under 3" in caliper are to be planted and staked in accordance with the attached "Typical Tree Staking Detail".

5. Plant Pruning, Edging and Mulching

a. Each tree, shrub or vine shall be pruned in an appropriate manner to its particular requirements, in accordance with accepted standard practice. Broken or bruised branches shall be removed with clean cuts flush with the adjacent trunk or branches. All cuts over 1" in

diameter shall be painted with an approved antiseptic tree wound dressing.

b. All trenches and shrub beds shall be edged and cultivated to the lines shown on the drawing. The areas around isolated plants shall be edged and cultivated to the full diameter of the pit. Sod which has been removed and stacked shall be used to trim the edges of all excavated areas to the neat lines of the plant pit saucers, the edges of shrub areas, hedge trenches and vine pockets.

c. After cultivation, all plant materials shall be mulched with a 2" layer of fine, shredded pine bark, peat moss, or another approved material over the entire area of the bed or saucer.

6. Plant Inspection and Acceptance

The ARC shall be responsible for inspecting all planting projects on a periodic basis to assure that all work is proceeding in accordance with the approved plans and specifications.

7. Plant Guarantee

All plant material shall be guaranteed for the duration of one full growing season, after final inspection and acceptance of the work in the planting project. Plants shall be alive and in satisfactory growing condition at the end of the guarantee period.

a. For this purpose, the "growing season" shall be that period between the end of the "Spring" planting season, and the commencement of the "Fall" planting season.

b. Guarantee for planting performed after the specified end of the "Spring" planting season, shall be extended through the end of the next following "Spring" planting season.

Sodding

All sodding shall be in accordance to the "Landscape Specification Guidelines for Baltimore-Washington Metropolitan Areas" latest edition, approved by the Landscape Contractors Association of Metropolitan Washington and the American Society of Landscape Architects.

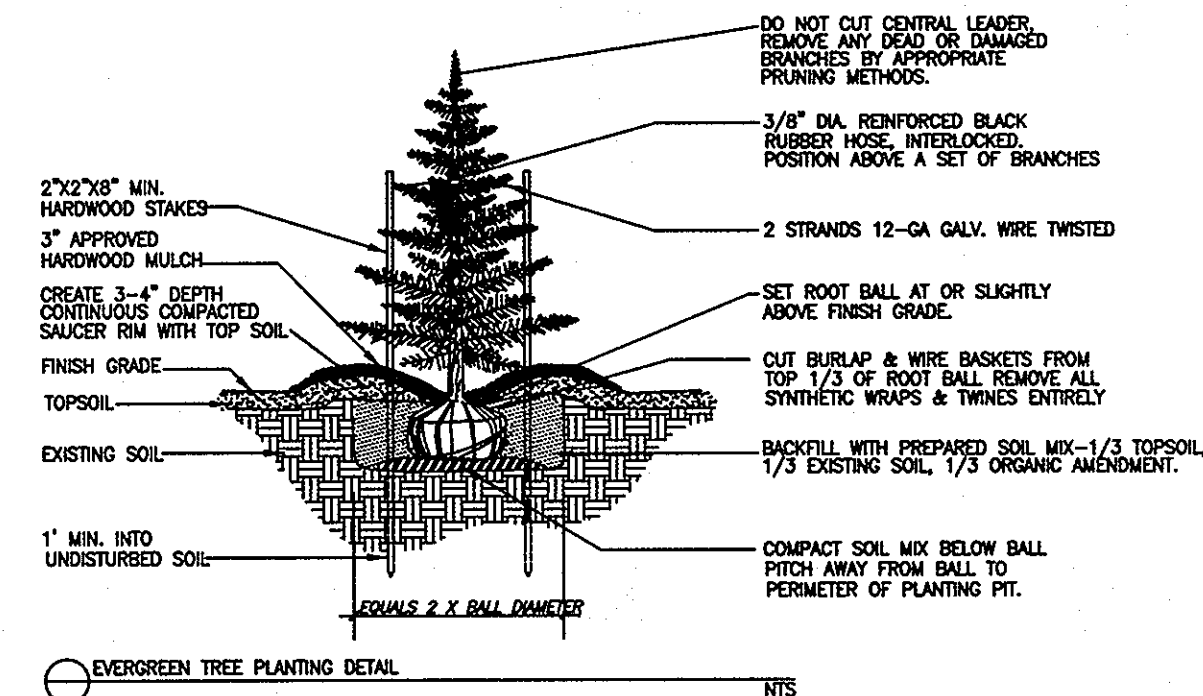
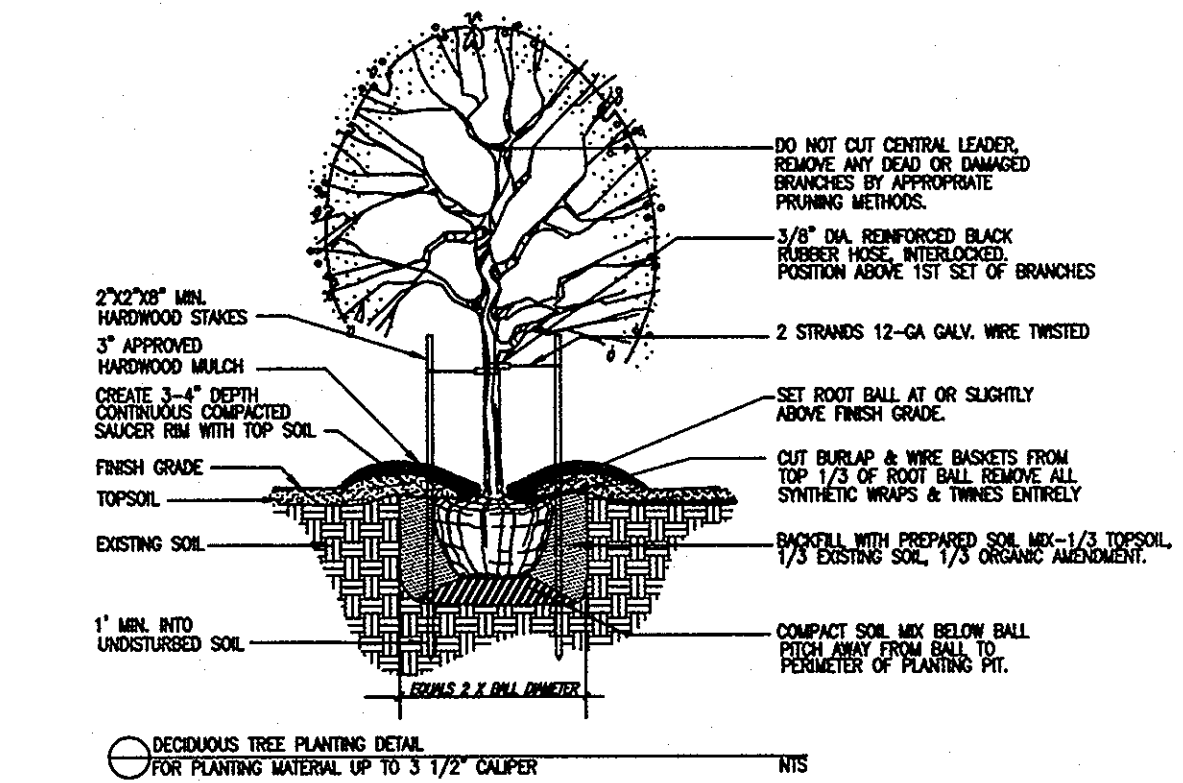
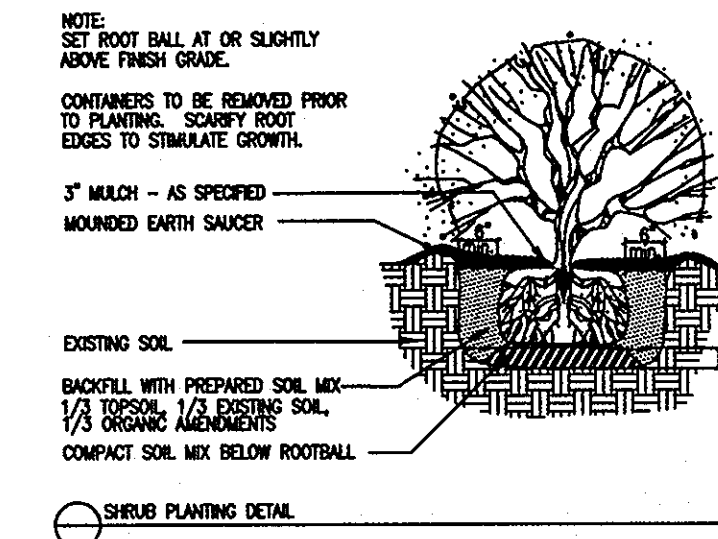
All sod shall be strongly rooted sod, not less than two years old and free of weeds and undesirable native grasses. Provide only sod capable of growth development when planted and in strips not more than 18" wide x 4' long. Provide sod composed principally of improved strain Kentucky bluegrass, such as, Columbia, Victa, or Escort.

LANDSCAPING NOTES

- 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 Howard County Landscape Manual.
- Contractor shall notify all utilities at least (5) five days before starting work. All General Notes, especially those regarding utilities, on Sheet 1 shall apply.
- Field verify underground utility locations and existing conditions before starting planting work. Contact engineer / landscape architect if any relocation is required.
- Plant quantities shown on Plant List are provided for the convenience of the contractor only. If discrepancies exist between quantities shown on the plan and those shown on the plant list, the quantities on the plan shall take precedence.
- All plant material shall be full, heavy, well formed, and symmetrical, and conform to the A.A.N. Specifications, and be installed in accordance with project specifications.
- No substitution shall be made without written consent of the owner or his representative.
- All areas disturbed by construction activities but not otherwise planted, paved, or mulched shall be seeded or sodded in accordance with the project specifications.
- The contractor shall notify the owner in writing if he/she encounters soil drainage conditions which may be detrimental to the growth of the plants.
- All exposed earth within limits of planting beds shall be mulched with shredded hardwood mulch per Planting Details.
- Financial surety for the required landscaping per schedule A and B shall be posted with the grading permit in the amount of \$12,330.00.
- Tabulation for landscape permit:
Required planting by HRD for 1.85 acre of office combined at 20 trees/acre = 37 trees
Planting provided:
Shade Trees 14
Ornamental Trees 11 = 5 E.S.T. @ 2:1
Evergreen Trees 14 = 7 E.S.T. @ 2:1
Shrubs provided: 329 = 33 E.S.T. @ 10:1
Shade trees provided on this parcel by adjacent plans:
Orn trees provided on this parcel by adjacent plans:
Total E.S.T. = 5 E.S.T., or Equivalent Shade Tree = 77
- The owner, tenant, and/or their agents shall be responsible for maintenance of the required landscaping, including both plant materials and berms, fences and walls. All plant materials 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.

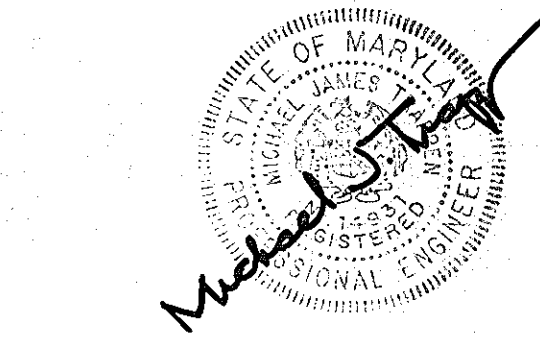
SCHEDULE A PERIMETER LANDSCAPE EDGE Category	PERIM. #A	PERIM. #B	PERIM. #C	PERIM. #D	
Buffer parking from Roadway					
INTERNAL PERIMETER					
buffer parking from internal road					
buffer parking from internal access road					
Landscape Buffer Type	E	E	E	E	
Linear Feet of Roadway/ Perimeter Frontage	294' Δ	274'	281'	187'	
Credit for Ex. Vegetation (Yes, No, Linear Feet) (describe below if needed)	5 shr. F-96-41	N/A	7 shade F-96-41	3 shade 3 orn. 24 shr. F-96-41	
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (describe below if needed)	No	N/A	No	No	
Number of Plants Required Shade Trees Evergreen Trees Shrubs	6 0 64	0 0 0	7 0 70	5 0 47	
Number of Plants Provided Shade Trees Evergreen Trees Other Trees (2:1 subst.) Shrubs (10:1 subst.) (describe plant substitution credits below if needed)	4 Δ 6 Δ 4 Δ 67 Δ	4 Δ 5 Δ 25 Δ	7 Δ 0 0 67	3 Δ 0 0 63	
Bond Requirement - Surety for Schedule A: Schedule 'A' Number of Shade Trees for bonding: 19 x \$300 = \$ 5,700.00 Schedule 'A' Number of Evergreen Trees for bonding: 5 x \$150 = \$ 750.00 Schedule 'A' Number of Shrubs for bonding: 181 x \$30 = \$ 5,430.00 Schedule 'B' Number of required Shade Trees for bonding: 3 x \$300 = \$900.00 TOTAL Estimate for Surety: \$12,780.00 COMMENTS:					

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING
Number of Parking Spaces = 50 Spaces (Provided)
Number of Trees Required = 3 Trees • 1 per 20 spaces
Number of Trees Provided Other Trees (2:1 substitution) Shade Trees 6
NOTE: Number of parking islands required: 1 island per 20 spaces. NUMBER OF LANDSCAPED ISLANDS REQUIRED: 5 @ 1 PER 10 SPACES NUMBER OF LANDSCAPED ISLANDS PROVIDED: 6 @ 1 PER 10 SPACES Schedule 'B' Number of required Shade Trees for bonding: 3 x \$300 = \$900.00



PLANT LIST

SYMBOL	QTY.	NAMES (BOTANICAL / SCIENTIFIC)	SIZE
SHADE TREES			
AL	6	Acer saccharum 'Legacy' Legacy Sugar Maple	2 1/2"-3" Cal. B+B 7' min. branching ht
QP	11 Δ	Quercus palustris Pin Oak	2 1/2"-3" Cal. B+B 7' min. branching ht
AR	1	Acer Rubrum 'October Sunset' October Sunset Red Maple	2 1/2"-3" Cal. B+B 7' min. branching ht
ORNAMENTAL TREES			
CV	4	Crataegus viridis 'Winter King' Winter King Hawthorn	2-2 1/2" Cal. B+B 8-10' Ht. B+B
MZ	7 Δ	Malus floribunda 'Zumi' Zumi Crabapple	2 1/2" - 3" Cal B+B 8-10' Ht. B+B
EVERGREEN TREES			
NS	5 Δ	Ilex 'Nelle Stevens' Nelle Stevens Holly	8-10' Ht. B+B
PA	7	Picea Abies Norway Spruce	8-10' Ht. B+B
SHRUBS			
AG	57 Δ	Rhododendron 'Glen Dale' Glen Dale Azalea	24-30" HT. B+B
IG	113 Δ	Ilex glabra 'Shamrock' Shamrock Inkberry	24-30" HT. B+B spaced at 30' o.c.
JS	75 Δ	Juniperus conferta 'Blue Pacific' Blue Pacific Shore Juniper	18-24' HT. B+B
PL	12	Prunus laurocerasus Cherry Laurel	24-30" HT. B+B
TD	82	Taxus x media 'Densiformis' Dense Spreading Yew	24-30" HT. B+B



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14931 EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
Director: *Monica E. Butler* Date: 7/26/10
Chief, Division of Land Development: *Michael J. Smith* Date: 7-23-10
Chief, Development Engineering Division: *Chris Dammons* Date: 7/26/10

GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3904 NATIONAL DRIVE - SUITE 230 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20996
TEL: 301-421-4024 FAX: 410-880-1820 DC/VA 301-994-2524 FAX 301-421-4186

DRAWINGS: 02042-DESIGN, 02042-LDWG

DES. LHM, DRN. LHM, CHK. MJT

DATE: 4/10/03

CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA. ADD ATM ISLAND AND CANOPY. REVISED PER COUNTY COMMENTS.

OWNER & PREPARED FOR:
STATE EMPLOYEES CREDIT UNION OF MD
971 CORPORATE BOULEVARD
LINTHICUM, MARYLAND 21090-2337
ATTN: MARK SMITH
TELE: (410) 487-7920 EXT. 2014

ELECTION DISTRICT No. 6

REVISED

LANDSCAPE NOTES AND DETAILS
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C'-6'
PLAT NO. 15547

SCALE	ZONING	G. L. W. FILE NO.
NTS	NT	02042
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36+37-18+13	5 OF 9

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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael J. Tracy 7/1/10
DATE



DEVELOPERS/BUILDERS CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR 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 MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE H.S.D.

Mark Let 7/1/10
SIGNATURE OF DEVELOPER/BUILDER DATE

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

John R. Roberts 7/15/10
HOWARD S.C.D. DATE

△ I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14931. EXPIRATION DATE MAY 21, 2012.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
Morgan & Glavin 7/1/10
 Director Date
Howard / An 7-23-10
 Chief, Division of Land Development Date
Michael J. Tracy 7/1/10
 Chief, Development Engineering Division Date

GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND, 20866
 TEL: 301-421-4024 BALT. 410-850-1520 DC/VA 301-889-2524 FAX: 301-421-4198

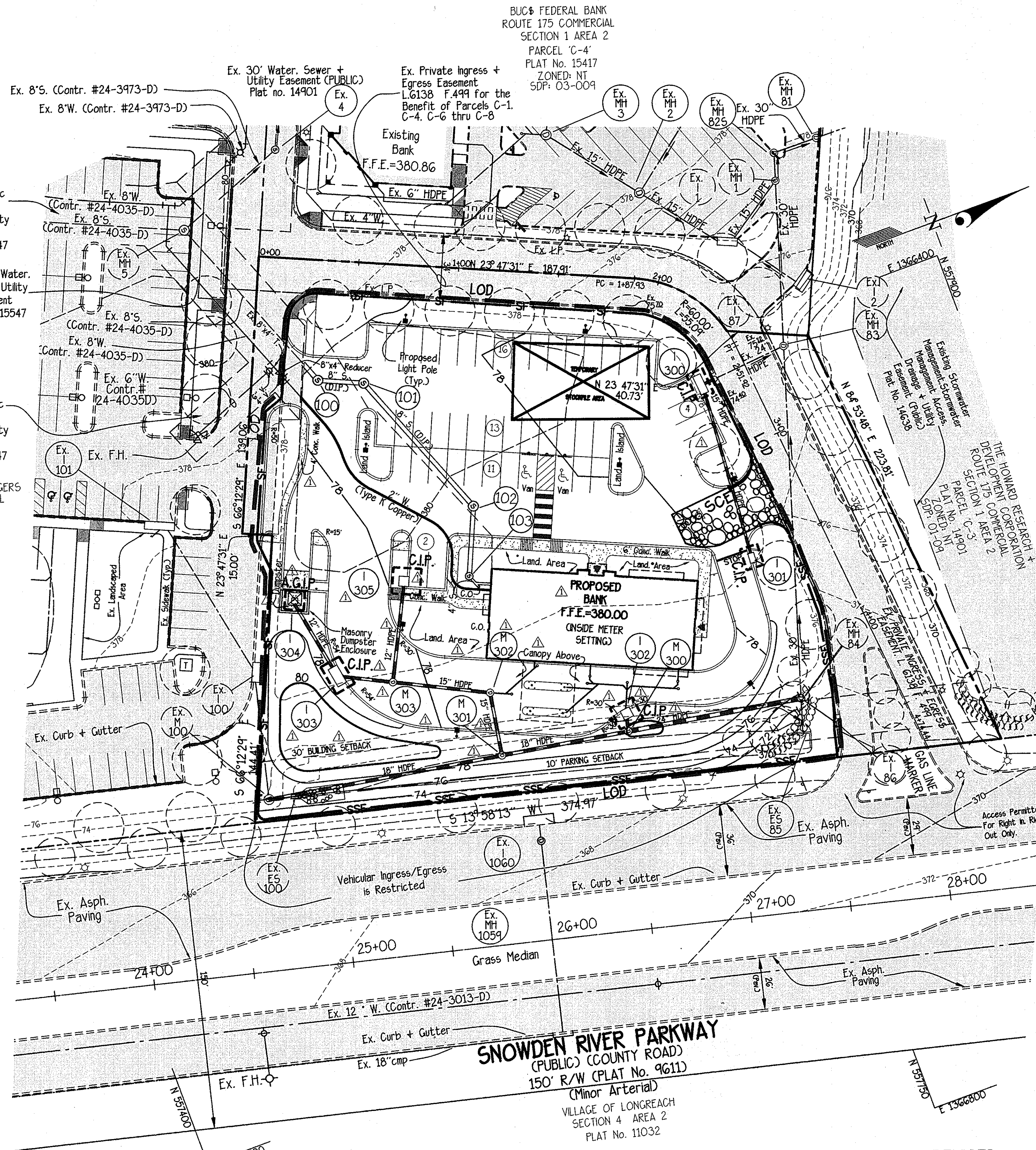
DATE	REVISION	BY	APPR.
5-20-10	CHANGE USE TO BANK AND REVISE DUMPSTER AND DIT AREA, ADD ATM ISLAND AND CANOPY		

OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE BOULEVARD
 LINTHICUM, MARYLAND 21090-2337
 ATTN: MARK SMITH
 TELE.: (410) 487-7920 EXT. 2014

SEDIMENT CONTROL PLAN
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL 'C-6'
PLAT No. 15547

SCALE: 1"=30'
 ZONING: NT
 G. L. W. FILE No. 02092
 DATE: MAY, 2010
 TAX MAP - GRID: 36&37-18&13
 SHEET: 6 OF 9

HOWARD COUNTY, MARYLAND



LEGEND

- S.S.F. — SUPER SILT FENCE
- S.F. — SILT FENCE
- CIP □ A.G.I.P. INLET PROTECTION
- ▨ S.C.E. STABILIZED CONSTRUCTION ENTRANCE

△ REVISED

ELECTION DISTRICT No. 6

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (410) 313-1855.
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 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 and 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 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, sod, temporary seeding and mulching (Sec. C). 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: 1.85 Acres
 - Area Disturbed: 1.43 Acres
 - Area to be roofed or paved: 0.85 Acres
 - Area to be vegetatively stabilized: 0.58 Acres
 - Total Cut: 2300 Cu. Yds.
 - Total Fill: 2800 Cu. Yds.
 - Off-site borrow area location: From a site with an HSCD approved sediment control plan.
- 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 DPW 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 3 pipe lengths or that which shall be backfilled and stabilized within one working day, whichever is shorter.

NOTE: TOTAL CUT AND FILL QUANTITIES ARE FOR PLAN PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EARTHWORK AT TIME OF CONTRACT

PERMANENT SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

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

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square feet) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre C.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unwrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs./1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs./1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unwrotted, weed-free, 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 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

STANDARD AND SPECIFICATIONS FOR TOPSOIL DEFINITION

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

PURPOSE

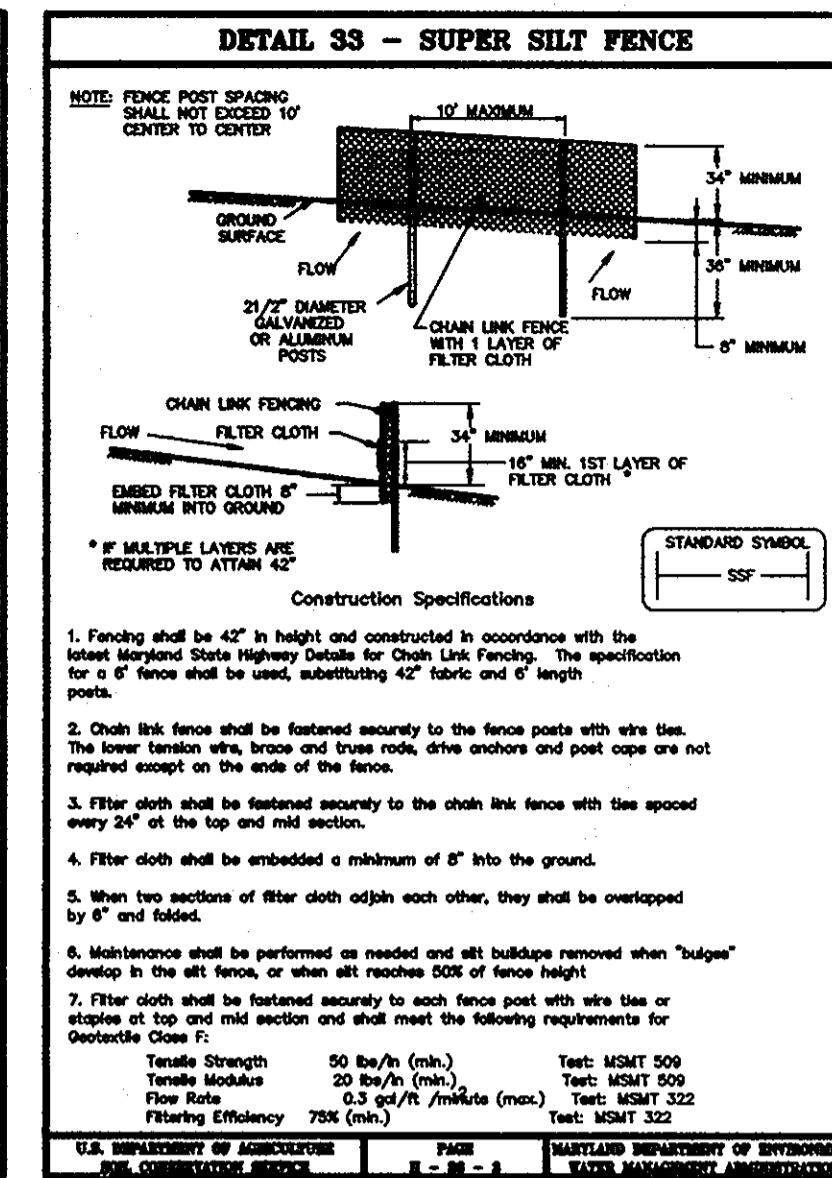
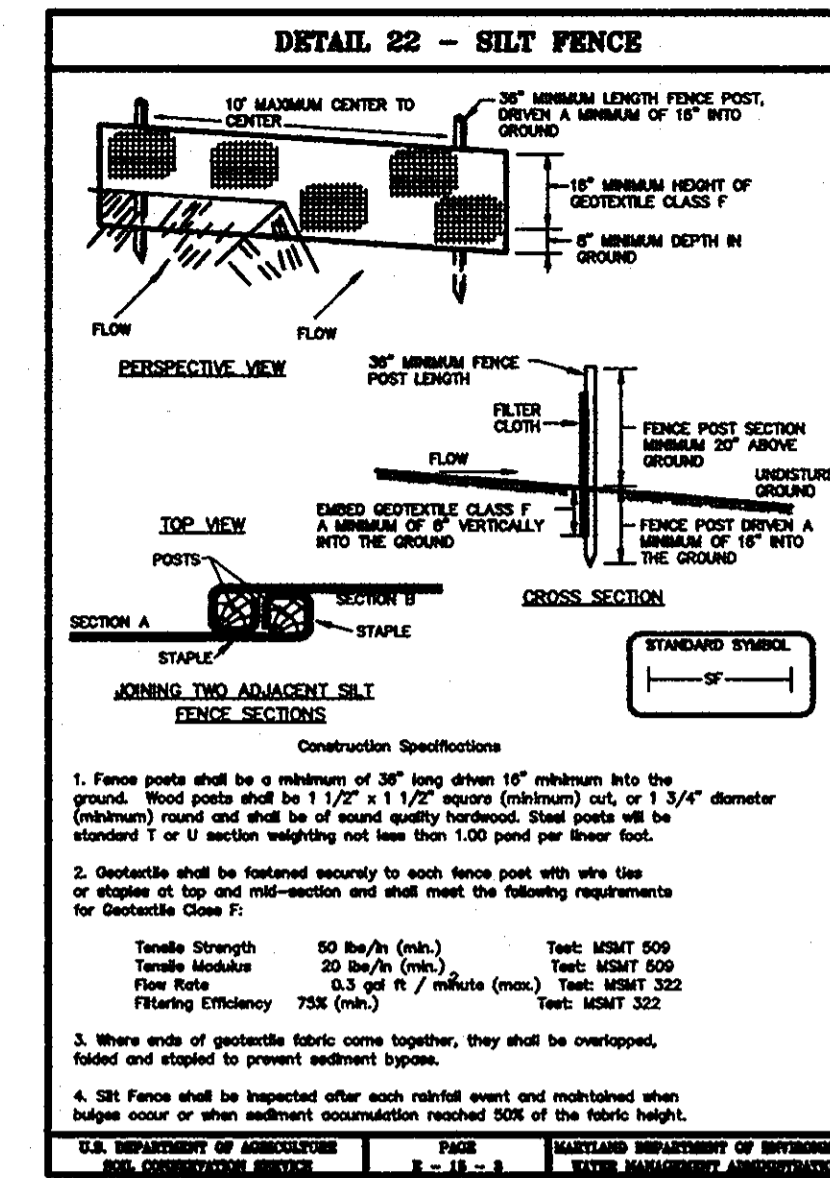
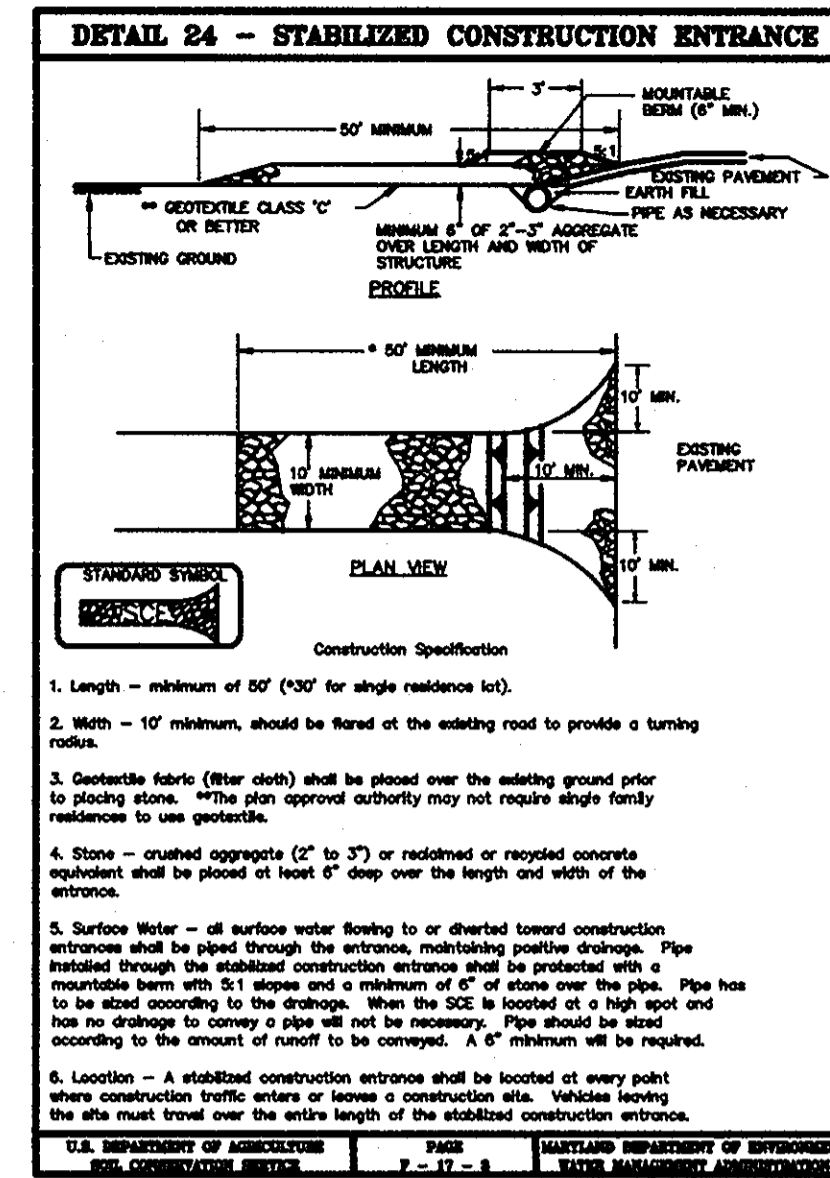
To provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

CONDITIONS WHERE PRACTICE APPLIES

- This practice is limited to areas having 2:1 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

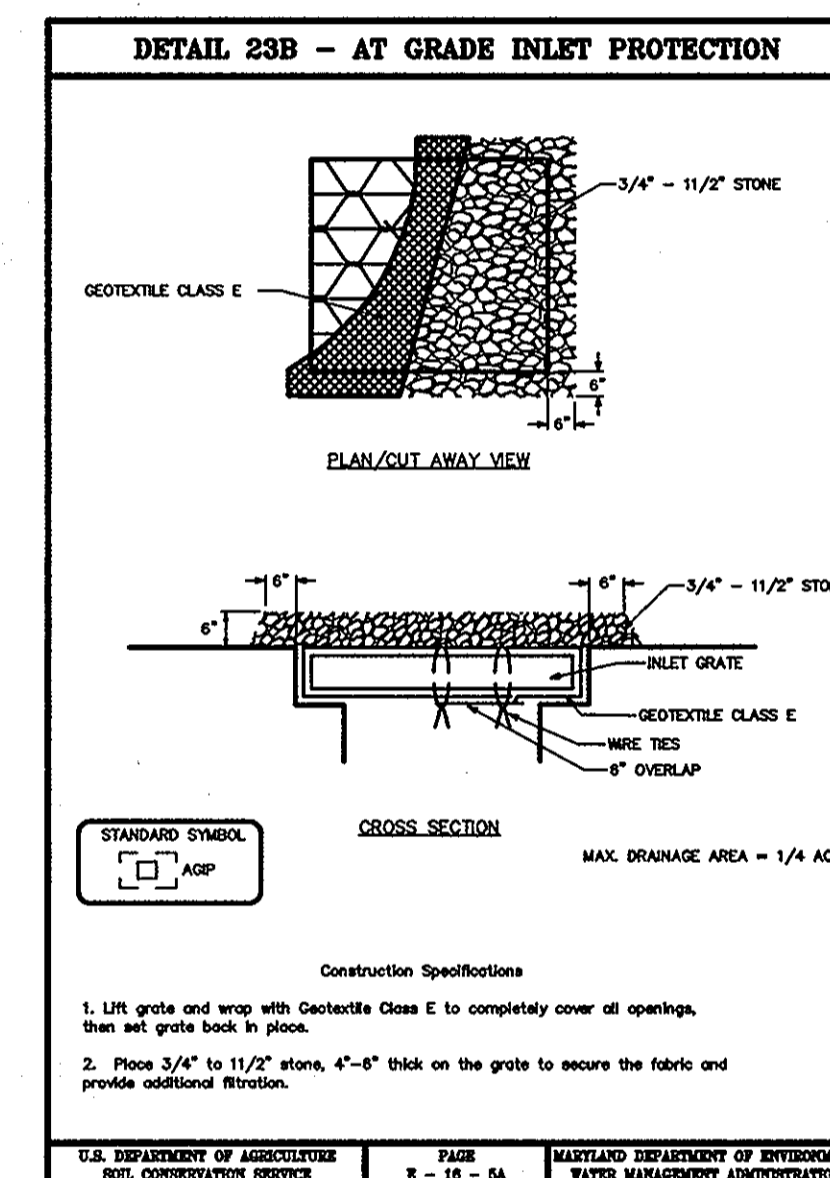
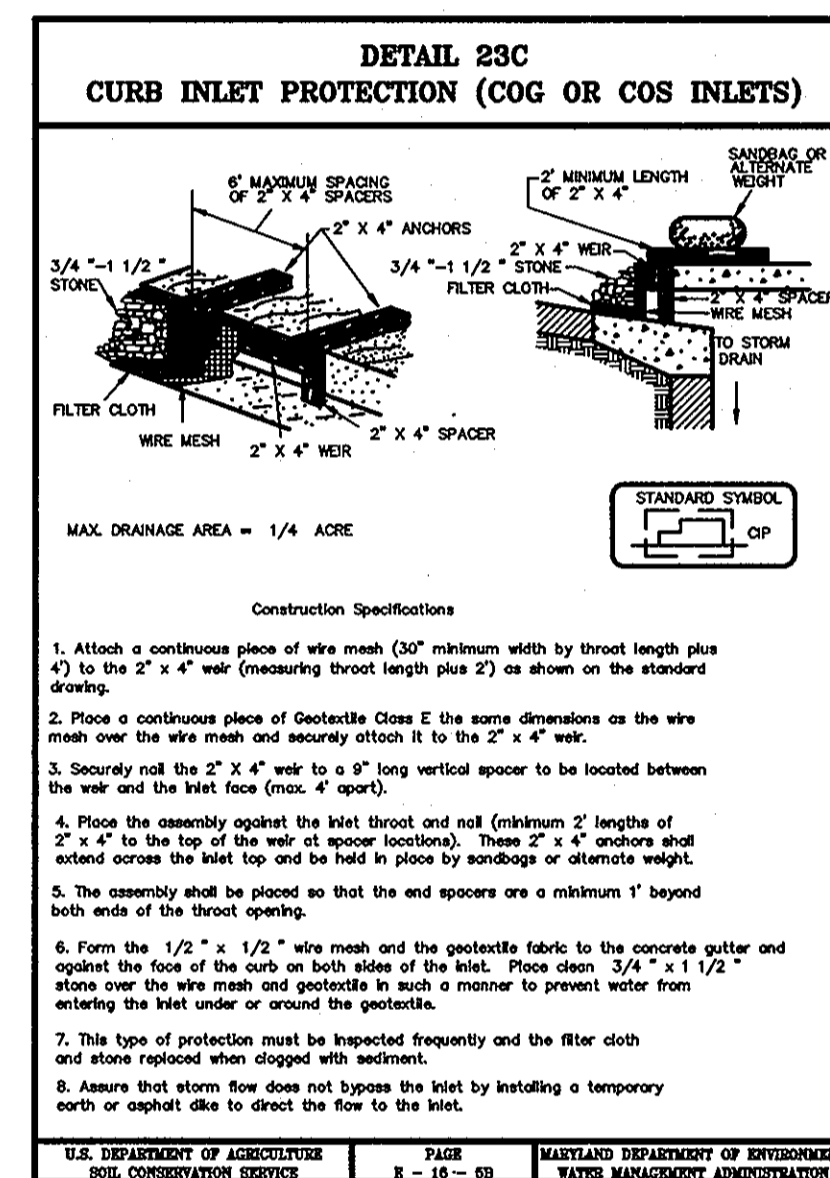
CONSTRUCTION AND MATERIAL SPECIFICATIONS

- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the respective soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
 - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2" in diameter.
 - Topsoil must be free of plant parts such as bermuda grass, quackgrass, Johnsongrass, nutsetweed, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.
- For sites having disturbed areas over 5 acres:
 - On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
 - pH for topsoil shall be between 6.0 and 7.5. If



Sequence of Construction

- Obtain permits and arrange for pre-construction meeting with the Sediment Control Inspector (1 day).
- Inspect and maintain stabilized construction entrance and perimeter silt fence. Inspect sediment traps and associated earth dikes and temporary swales and maintain as necessary. (1 week)
- Grade site (1 month).
- Construct building (12 months).
- Install utilities. Install storm drain except runs from MH1 to MH 2 to MH 3, 1 B to 1 F, E to F and P to F. Install water main except in the area of Sediment Trap 1. Temporarily outfall structure F into Sediment Trap 2. Temporarily block the outfall from manhole M 3 to M 2 shut. Proposed storm drain is below the bottom of Trap Number 1 and therefore is not temporarily diverted to the trap (1 month).
- Install curb and gutter, sidewalks and base pave all areas except in the vicinity of the sediment traps. Stabilize areas with grass seed and mulch (1 month).
- When permission has been granted by the Sediment Control Inspector and all areas draining to the sediment controls have been stabilized, backfill the sediment traps. Install remaining storm drain and waterline, complete the curb and gutter installation and base paving. (2 weeks).
- Remove all remaining sediment controls and install landscaping. Stabilize all remaining areas with grass seed and mulch (1 week).
- Install surface course paving and parking lot striping (1 week).



DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and/or 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 Maryland Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD.

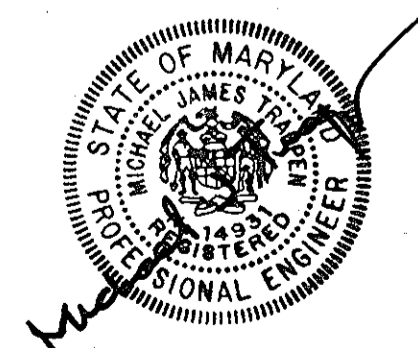
Signature of Developer/Builder: *[Signature]* Date: 7/1/10

ENGINEER'S 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 and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer: *[Signature]* Date: 7/1/10

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14931. EXPIRATION DATE MAY 21, 2012.



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

Signature of Inspector: *[Signature]* Date: 7/15/10

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
 Director: *[Signature]* Date: 7/23/10
 Chief, Division of Land Development: *[Signature]* Date: 7-23-10
 Chief, Development Engineering Division: *[Signature]* Date: 7/20/10

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20886
 TEL: 301-421-4024 FAX: 301-421-4186

DATE	REVISION	BY	APPR.
5-20-10	CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA, ADD ATM ISLAND AND CANOPY		

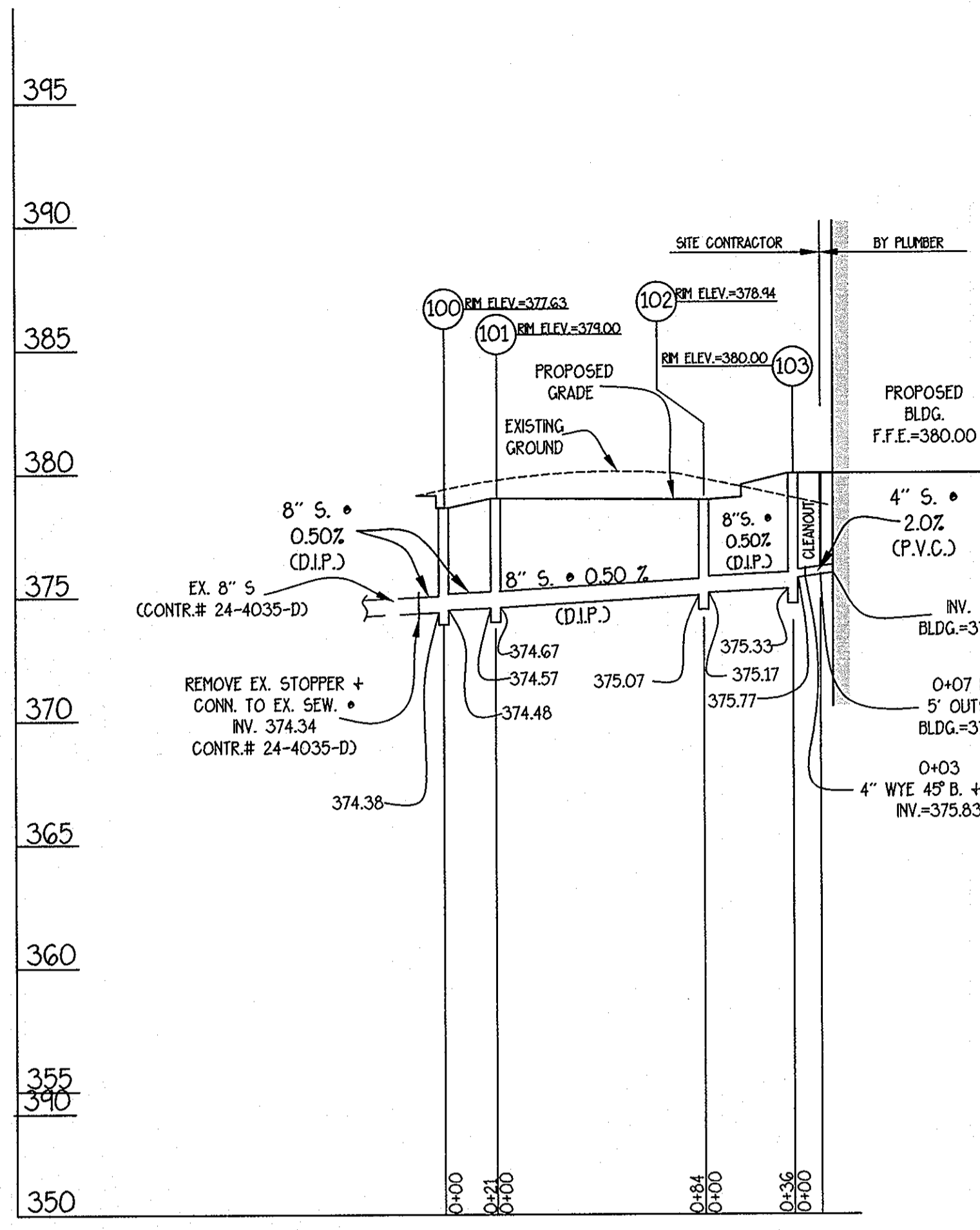
OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE BOULEVARD
 LINTHICUM, MARYLAND 21090-2337
 ATTN: MARK SMITH
 TELE: (410) 487-7920 EXT. 2014

ELECTION DISTRICT No. 6

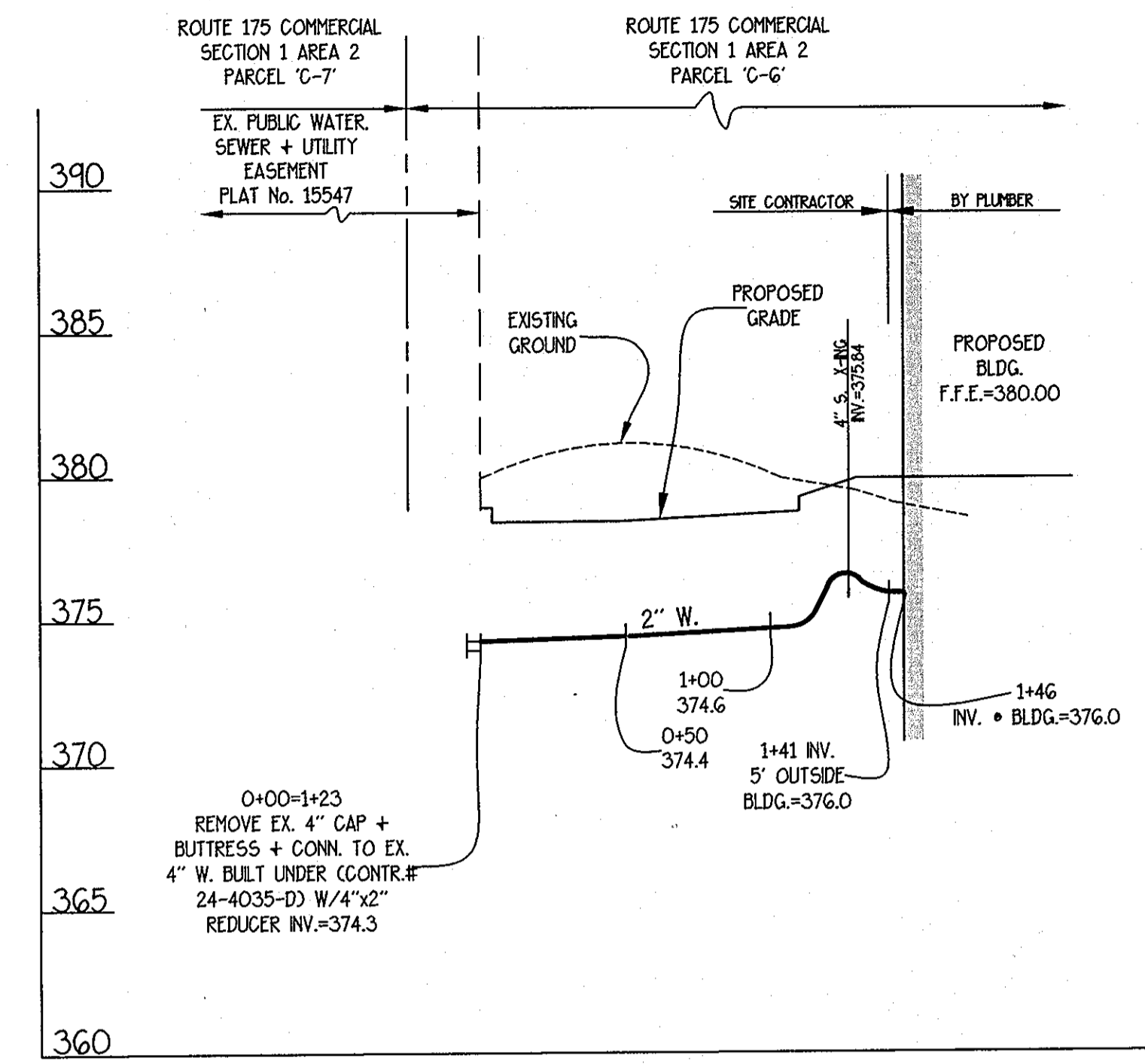
REVISED
SEDIMENT CONTROL DETAILS
ROUTE 175 COMMERCIAL
SECTION 1 AREA 2
PARCEL "C-6"
 PLAT No. 15547

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	02092
DATE	TAX MAP - GRID	SHEET
MAY, 2010	36&37-18&13	7 OF 9

SDP 03-112



SEWER PROFILE

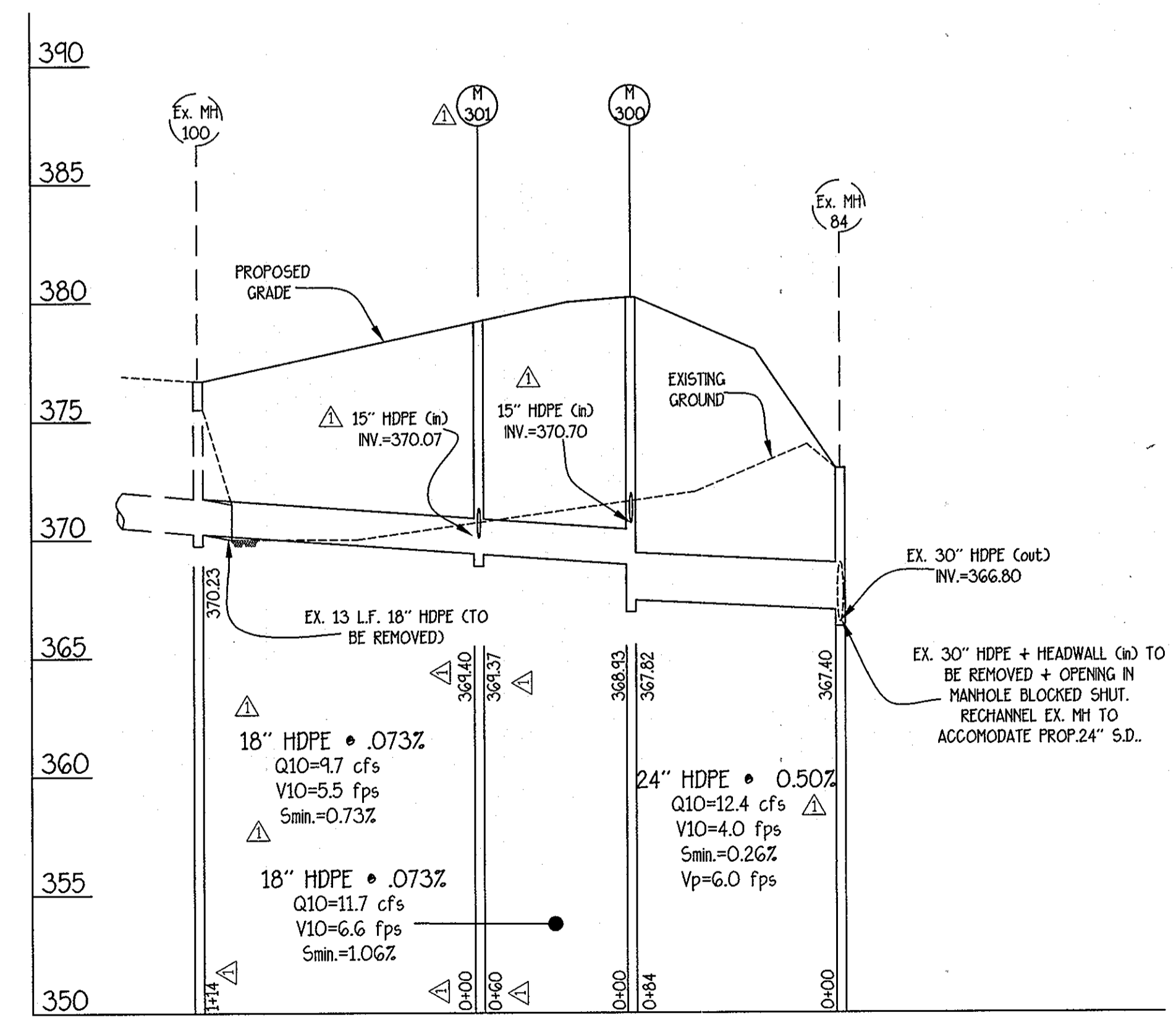
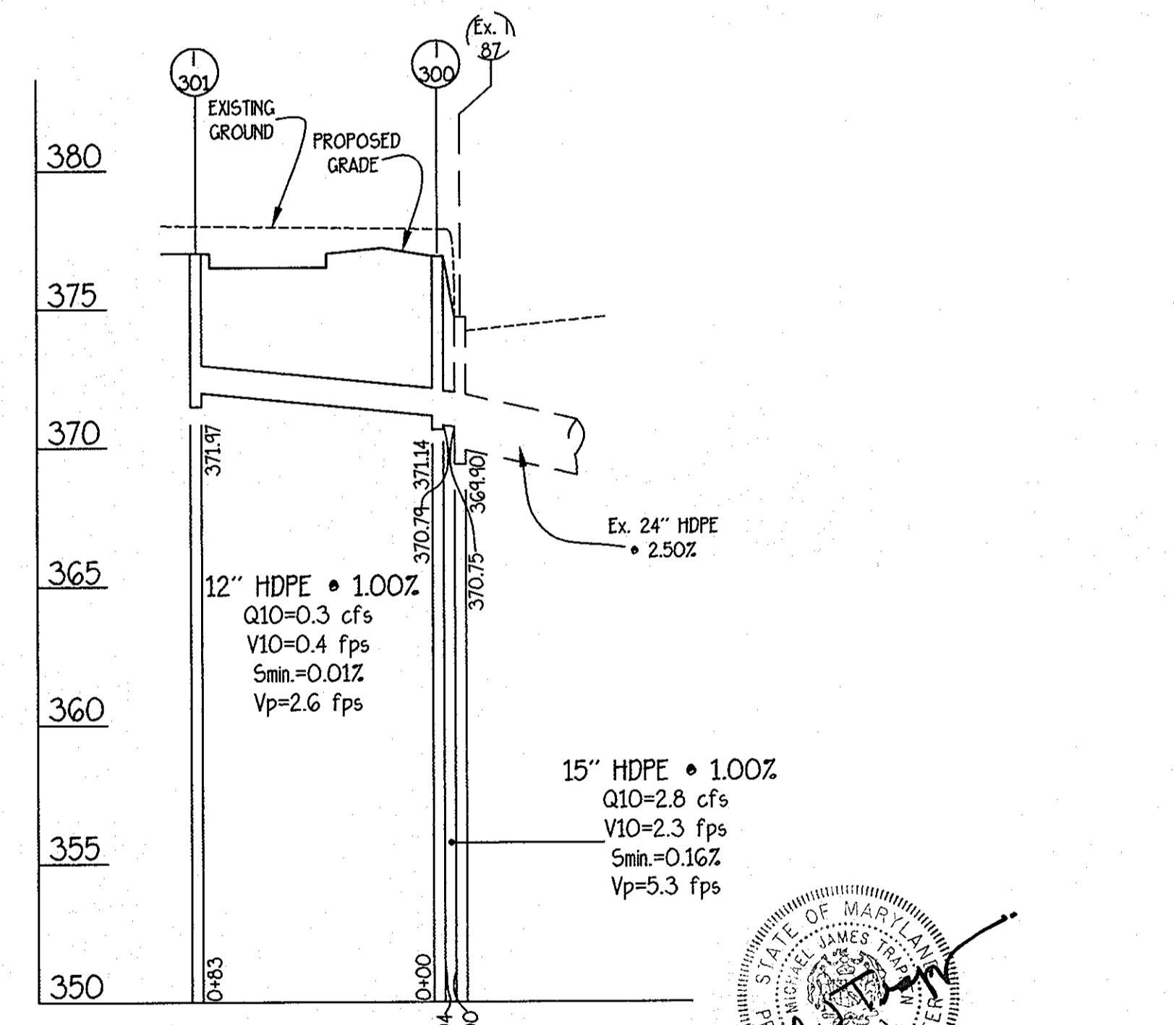


WATER PROFILE

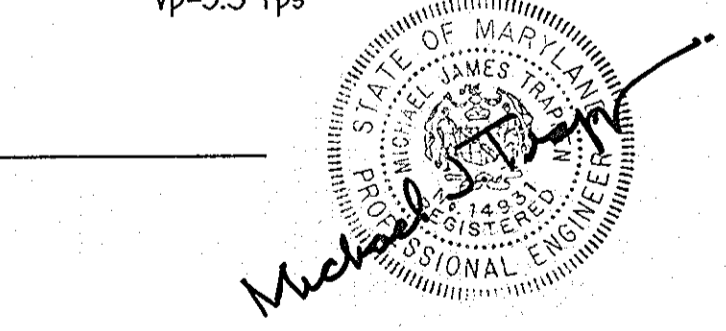
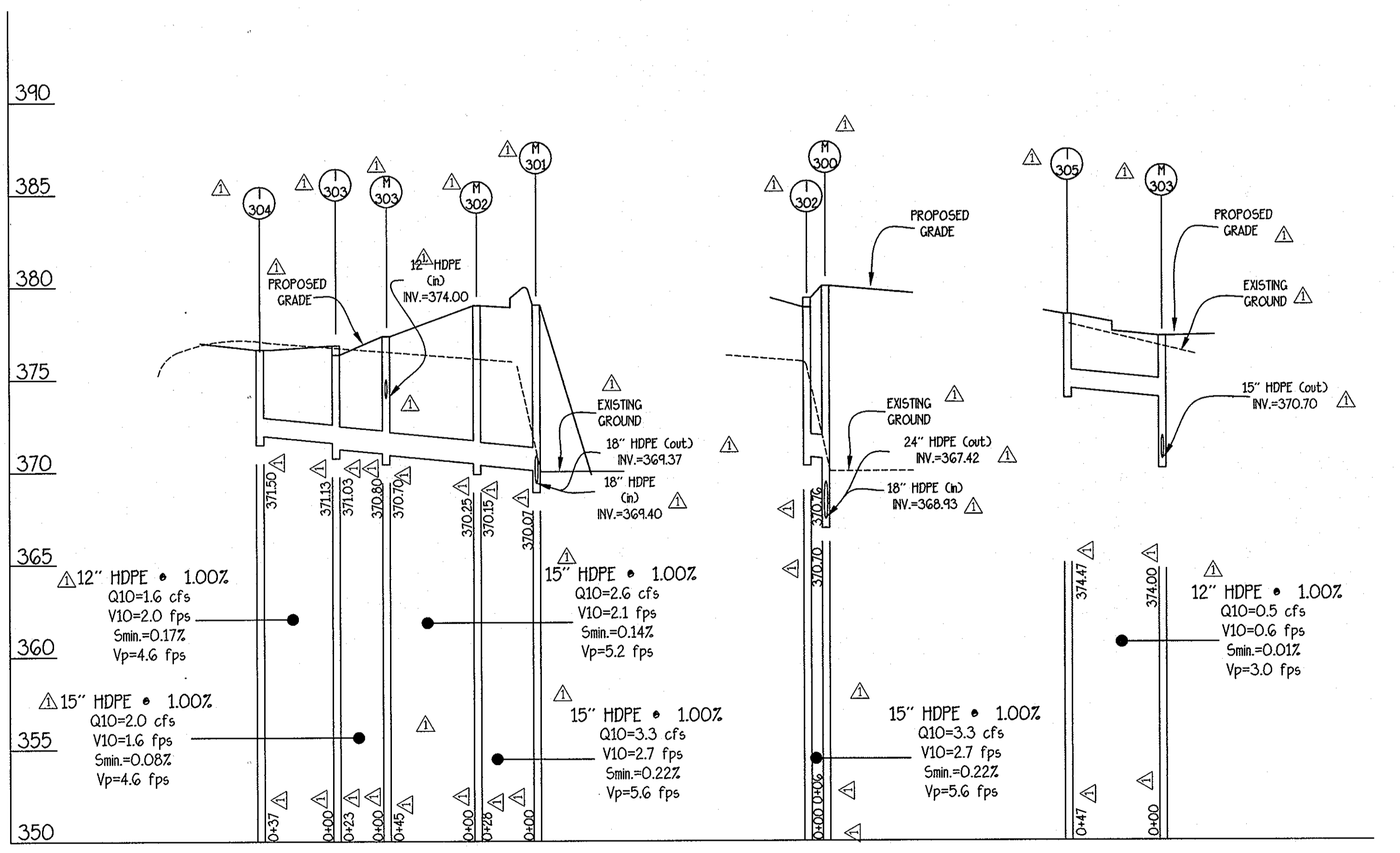
STRUCTURE SCHEDULE							
No.	TYPE	WIDTH	TOP ELEVATION	INVERT ELEVATION	STANDARD DETAIL	LOCATION	
I-300	A-10 INLET	2'-6"	376.90	371.14	370.79	HO. CO. STD. D 4.03	SEE PLAN
I-301	A-5 INLET	2'-6"	376.58	376.43	371.97	HO. CO. STD. D 4.01	SEE PLAN
I-302	A-5 INLET	3'-0"	379.35	370.76	370.76	HO. CO. STD. D 4.01	SEE PLAN
I-303	A-10 INLET	3'-0"	377.04	371.13	371.03	HO. CO. STD. D 4.03	SEE PLAN
I-304	WR INLET	n/a	376.60	371.50	371.50	HO. CO. STD. D 4.37	SEE PLAN
I-305	A-5 INLET	2'-6"	378.51	374.47	374.47	HO. CO. STD. D 4.01	SEE PLAN
M-300	MANHOLE	4' DIA.	378.00	368.93	367.42	HO. CO. STD. G 5.11 + 5.12	SEE PLAN
M-301	MANHOLE	4' DIA.	379.00	369.40	369.37	HO. CO. STD. G 5.11 + 5.12	SEE PLAN
M-302	MANHOLE	4' DIA.	378.97	370.25	370.15	HO. CO. STD. G 5.11 + 5.12	SEE PLAN
M-303	MANHOLE	4' DIA.	377.33	370.80	370.70	HO. CO. STD. G 5.11 + 5.12	SEE PLAN

PIPE SCHEDULE			
SIZE	TYPE	QUANTITY (L.F.)	REMARKS
12"	HDPE	167	
15"	HDPE	106	
18"	HDPE	174	
24"	HDPE	84	

FOR ALL PROFILES ON THIS SHEET
 HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 5'



STORM DRAIN PROFILES



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14931 EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
 Director: *Thomas J. Switzer* Date: *7-23-10*
 Chief, Division of Land Development: *Robert J. ...* Date: *7-23-10*
 Chief, Development Engineering Division: *Michael J. Smith* Date: *7-23-10*

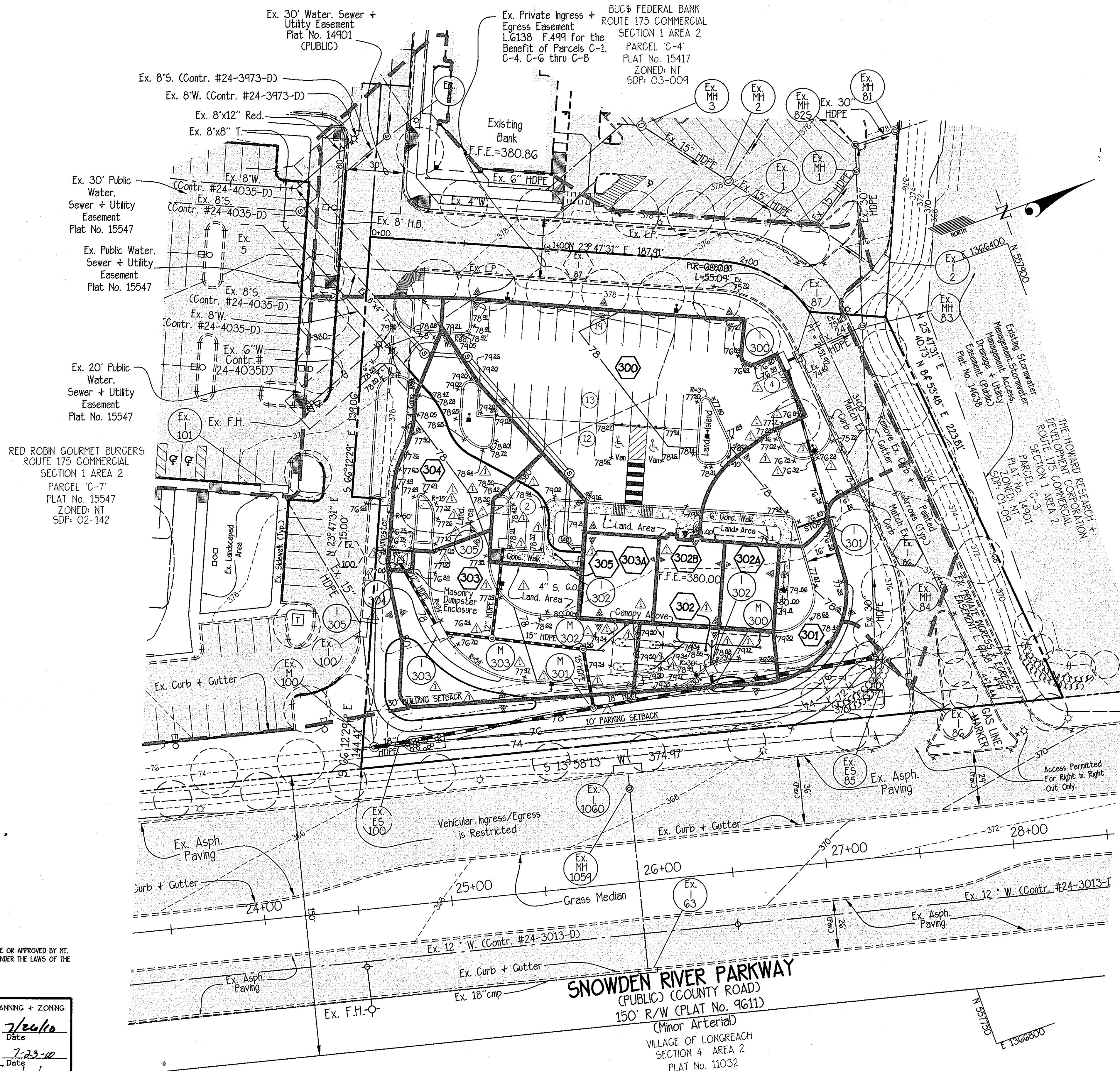
GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20868
 TEL: 301-421-4024 BAL: 410-883-1820 DC/VA: 301-588-2524 FAX: 301-421-4186

DATE	REVISION	BY	APP'R.
5-20-10	CHANGE USE TO BANK AND REVISE DUMPSTER AND D/T AREA, ADD ATM ISLAND AND CANOPY		

OWNER & PREPARED FOR:
 STATE EMPLOYEES CREDIT UNION OF MD
 971 CORPORATE COULEVARD
 LINTHICUM, MARYLAND 21090-2337
 ATTN: MARK SMITH
 TELE.: (410) 487-7920 EXT. 2014

REVISD
 UTILITY PROFILES
ROUTE 175 COMMERCIAL SECTION 1 AREA 2 PARCEL 'C-6'
 PLAT No. 15547
 ELECTION DISTRICT No. 6
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	02092
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36&37-18&13	8 OF 9



DRAINAGE AREA TABULATION

No.	AREA	C	% IMPV.	ZONING
300	0.35 Ac.	0.88	97 %	New Town
301	0.05 Ac.	0.73	74 %	
302	0.05 Ac.	0.74	76 %	
302A	0.03 Ac.	0.90	100 %	
302B	0.04 Ac.	0.90	100 %	
303	0.20 Ac.	0.60	54%	
303A	0.04 Ac.	0.90	100 %	
304	0.13 Ac.	0.84	91 %	
305	0.05 Ac.	0.71	71 %	
100	0.58 Ac.	0.78	81 %	
106	0.11 Ac.	0.62	57 %	
107	0.64 Ac.	0.67	65 %	

- LEGEND**
- 366 EX. CONTOUR
 - 66 PROP CONTOUR
 - EX. TREES
 - EX. STORM DRAIN
 - PROP. STORM DRAIN
 - LIMIT OF SUBMISSION
 - 8" S. W. EX. SANITARY SEWER
 - 8" S. W. EX. WATERLINE
 - 8" S. W. CONCRETE CURB + GUTTER
 - 8" S. W. PROP. SANITARY SEWER
 - 8" S. W. PROPOSED WATERLINE
 - 8" S. W. EX. CURB + GUTTER
 - ▲ PATRON ACCESS
 - 8" S. W. PROPOSED REVERSE CURB + GUTTER
 - 8" S. W. CONCRETE SIDEWALK, DUMPSTER PAD OR UTILITY PAD
 - 8" S. W. EX. EASEMENTS
 - 8" S. W. EX. ASPHALT PAVING
 - ⊗ TOP OF PAVING SPOT SHOT
 - NUMBER OF PARKING SPACES
 - PROP. LIGHT FIXTURE + POLE
 - EX. LIGHT FIXTURE + POLE
 - 8" S. W. EX. DRAINAGE DIVIDE

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 14931
 EXPIRATION DATE MAY 21, 2012

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING + ZONING
Thomas E. Butler Director Date: 7/23/10
Richard L. ... Chief, Division of Land Development Date: 7-23-10
Michael J. Butler Chief, Development Engineering Division Date: 7/22/10

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REVISION

STORM DRAIN DRAINAGE AREA MAP

ROUTE 175 COMMERCIAL
 SECTION 1 AREA 2
 PARCEL 'C-6'
 PLAT No. 15547

ELECTION DISTRICT No. 6

SCALE	ZONING	G. L. W. FILE No.
1"=30'	NT	02092
DATE	TAX MAP - GRID	SHEET
JUNE, 2010	36&37-18&13	9 OF 9

HOWARD COUNTY, MARYLAND