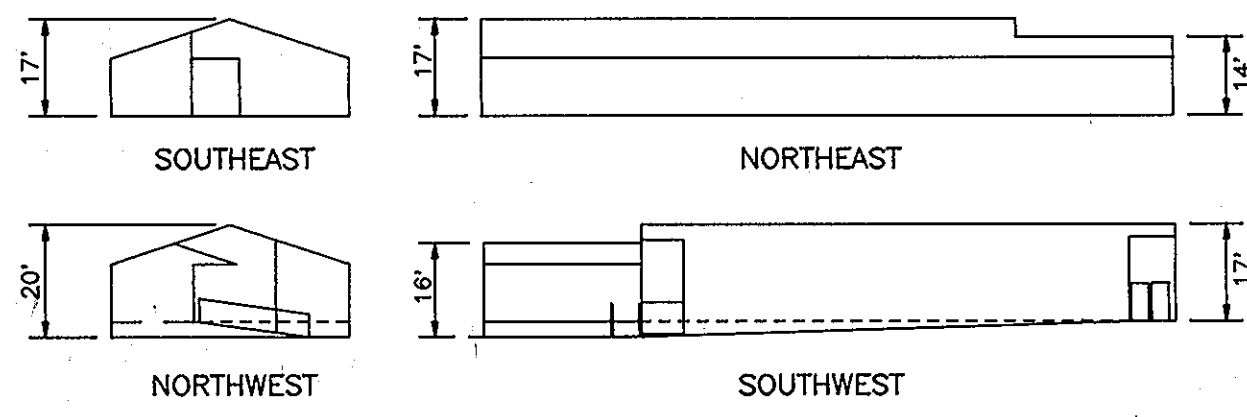


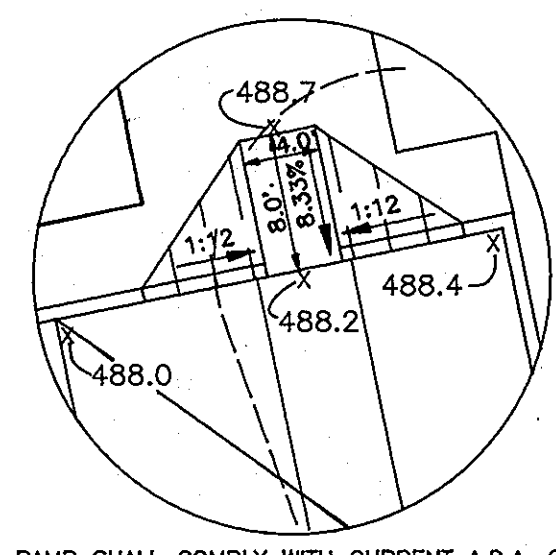
**BENCHMARK #1**  
 5/8" REBAR  
 ELEVATION= 487.17  
 COORDINATES:  
 N 562,126.05  
 E 1,329,290.52



**BUILDING ELEVATIONS**  
 NOT TO SCALE.

**SHEET INDEX**

SHT. NO.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	PROFILES AND DETAILS
3	DRAINAGE AREA MAP AND SOILS MAP
4	LANDSCAPE PLAN
5	SEDIMENT AND EROSION CONTROL PLAN AND SEQUENCE OF CONSTRUCTION
6	DETAILS AND NOTES



**HANDICAP RAMP DETAIL AT BUILDING**  
 SCALE: 1"=10"

**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 "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:  
 MISS UTILITY: 1-800-257-7777  
 C & P TELEPHONE COMPANY: 725-9978  
 HOWARD COUNTY BUREAU OF UTILITIES: 313-2386  
 AT&T CABLE LOCATION DIVISION: 393-3553  
 B.G.&E. CO. CONTRACTOR SERVICES: 850-4620  
 B.G.&E. CO. UNDER GROUND DAMAGE CONTROL: 787-4620  
 STATE HIGHWAY ADMINISTRATION: 531-5533
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/ CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTORS OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE.
- ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3500 P.S.I.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING PERMIT FEES.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEERS WHICH MEET OR EXCEED APPLICATION AGENCY STANDARDS.
- ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11-4 VOLUME I OF HOWARD COUNTY DESIGN MANUAL.
- STORMWATER MANAGEMENT PROVIDED UNDER F-94-38.
- THERE IS NO FLOODPLAIN ON THIS SITE.
- COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY MONUMENTS 0013 (ELEV=484.671) AND 34C2 (ELEV=483.675) (NAD 83).
- LIGHT POLES AND FIXTURES FOR STREET LIGHTS SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY DESIGN MANUAL, VOLUME III, ROADS AND BRIDGES.
- THERE ARE NO WETLANDS ON THIS SITE. WETLAND DELINEATION BY EXPLORATION RESEARCH, NOVEMBER 1992 AND APPROVED 9-20-93 IN CONJUNCTION WITH SP 93-14.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- USE-IN-COMMON ACCESS EASEMENT SERVING PARCELS I AND M RECORDING REFERENCE L3202 F.0197
- GEOTECHNICAL REPORT PREPARED BY HERBST AND ASSOCIATES MAY, 1993 AND APPROVED 9-20-93 IN CONJUNCTION WITH SP 93-14.
- EXISTING TOPOGRAPHY IS FROM HOLWECK SUBDIVISION ROAD CONSTRUCTION PLANS, PROPOSED GRADING F 94-38.
- WATER AND SEWER FOR THIS PROJECT ARE PRIVATE.
- SITE ANALYSIS:  
 AREA OF PARCEL= 0.896 AC  
 PRESENT ZONING: B-2  
 USE OF STRUCTURE: AUTO SALES AND PART STORAGE  
 FLOOR SPACE: 3,345 SQ. FT.  
 MAXIMUM NUMBER OF EMPLOYEES: 10  
 NUMBER OF PARKING SPACES REQUIRED: 11 SPACES  
 NUMBER OF PARKING SPACES PROVIDED: 11 (2 HANDICAP)  
 OPEN SPACE ON SITE: 0.38 AC AREA OR 42% OF GROSS AREA.  
 BUILDING COVERAGE ON SITE: 0.08 AC OR 8% OF GROSS AREA.  
 PAVED PARKING LOT/AREA ON SITE: 0.45 AC AREA OR 50% OF GROSS AREA.  
 AREA OF LANDSCAPE ISLAND: 0.05 AC
- PROJECT BACKGROUND:  
 LOCATION: CLARKSVILLE, MARYLAND TAX MAP: 34 PARCELS: 256,365 AND 195  
 ZONING: B-2  
 SECTION/AREA: N/A  
 SITE AREA: 0.896 AC  
 DPZ REFERENCES: SP 93-14 APPROVED 9/20/93  
 F 94-38 APPROVED 1/13/94  
 WP 93-90 APPROVED 7/16/93

**GENERAL NOTES (CONT.)**

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- A WATER METER SHALL BE PROVIDED IN AN ACCESSIBLE LOCATION TO THE INCOMING LINE ON EACH BUILDING.
- COMAR 26.04.02 SPECIFIES 25 FEET TO BE MAINTAINED FROM THE SEWAGE DISPOSAL AREA TO DRAINAGE WAYS AND GULLIES. BY VIRTUE OF HEALTH DEPARTMENT SIGNATURE ON THIS DOCUMENT AN EXCEPTION IS AUTHORIZED TO ALLOW CONSTRUCTION OF STORM DRAIN AT A SEPARATION OF 10 FEET FROM THE SEWAGE DISPOSAL AREA.
- ALL PROPOSED OUTDOOR LIGHTING SHALL COMPLY WITH THE REQUIREMENTS OF ZONING SECTION 134.

**OWNER/DEVELOPER**  
 WALTER AND ILENE VEASEL TRUSTEE  
 C/O WIN KELLY CHEVROLET  
 12411 AUTO DRIVE  
 CLARKSVILLE MARYLAND, 21029

**ADDRESS CHART**

PARCEL	STREET ADDRESS
'I'	12411 AUTO DRIVE

**PROPOSED WELL LINE SPECIFICATIONS**

PROPOSED 1-1/2" 250 P.S.I. POLY BUTYLENE WELL LINE TO BE CONSTRUCTED UTILIZING FORD FITTINGS AND 1-1/2" PACK JOINT COUPLINGS WITH STAINLESS STEEL INSERTS. COMMON TRENCH WITH 3 #1 RR STANDARD SINGLE CONDUCTOR COPPER WIRE BUTT CONNECTOR WITH SCOTCHCAST #8282 SPLICE KITS AT ALL WIRE SPLICES. 4.0" MINIMUM COVER TO PROPOSED GRADE.

**LEGEND**

- 484 --- EXISTING CONTOUR
- 484 --- PROPOSED CONTOUR
- 484 --- PROPOSED LIGHTING FIXTURE (SEE DETAIL SHEET 2)
- S --- SILT FENCE
- L.O.D. --- LIMIT OF DISTURBANCE
- P-2 PAVING (SEE DETAIL SHEET 6)
- PROPOSED ELECTRICAL CONDUIT (SEE ELECTRICAL PLANS FOR DETAIL)
- INLET PROTECTION

**DHILLON ENGINEERING, INC.**  
 HAS PREPARED THE REVISION NO. 2, DATED 4/17/94, AS SHOWN ON THIS DRAWING.

**NOTES FOR REVISION #2:**

- SAW CUT EXISTING CURB AND GUTTER AND REMOVE.
  - SAW CUT EXISTING PAVEMENT P-2 AND P-3, AND REMOVE IN ACCORDANCE WITH HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, STANDARD DETAIL R-201, SECTION P-2, TO MATCH EXISTING PAVEMENT P-2.
  - REGRADE, COMPACT AND PLACE NEW CONCRETE CURB AND GUTTER. NEW CURB AND GUTTER SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, STANDARD DETAIL R-3.01 TO MATCH EXISTING CURB.
  - PLACE 1/2" EXPANSION JOINT BETWEEN EXISTING AND NEW CONCRETE CURB AND GUTTER.
  - SEED AND MULCH THE DISTURBED AREA.
  - INSTALL STANDARD TRAFFIC "STOP" SIGN (G1) AND "DO NOT ENTER" SIGN (G2) ON STANDARD 8 FEET CHANNEL SECTION (2 1/2" x 1 1/2" x 1/4" INCH) ALUMINUM POST. THE SIGNS SHALL BE PLACED IN ACCORDANCE WITH STATE HIGHWAY ADMINISTRATION STANDARD SPECIFICATION AND THE LATEST EDITION OF THE MANUALS ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- NOTE:  
 1. ALL ELEVATIONS ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED.  
 2. ALL CURB AND GUTTER IS HOWARD COUNTY STANDARD DETAIL R 3.01.  
 3. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.  
 4. ALL WELL AND WATER LINES TO BE INSTALLED ABOVE SEWER LINE AT ALL CROSSINGS.

**ENGINEERS CERTIFICATE**

"I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT"

*Robert H. O'Connell* 3/29/94  
 SIGNATURE OF ENGINEER DATE

**DEVELOPER'S CERTIFICATE**

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*Kevin M. Zell* 3/29/94  
 SIGNATURE OF DEVELOPER DATE

**REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.**

*Patricia Engler* 4/1/94  
 U. S. SOIL CONSERVATION SERVICE DATE

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

*John K. Polunsky* 4/14/94  
 HOWARD SOIL CONSERVATION DISTRICT DATE

**APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING**

*James A. Smith* 4/22/94  
 DIRECTOR DATE  
*Anna Sturman* 4/22/94  
 CHIEF, LAND DEVELOPMENT AND RESEARCH DATE

**APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Boylston* 4/21/94  
 DIRECTOR DATE  
*James M. Boylston* 4/21/94  
 CHIEF, BUREAU OF ENGINEERING DATE

**APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS**

HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Boylston* 4/20/94  
 COUNTY HEALTH OFFICER DATE

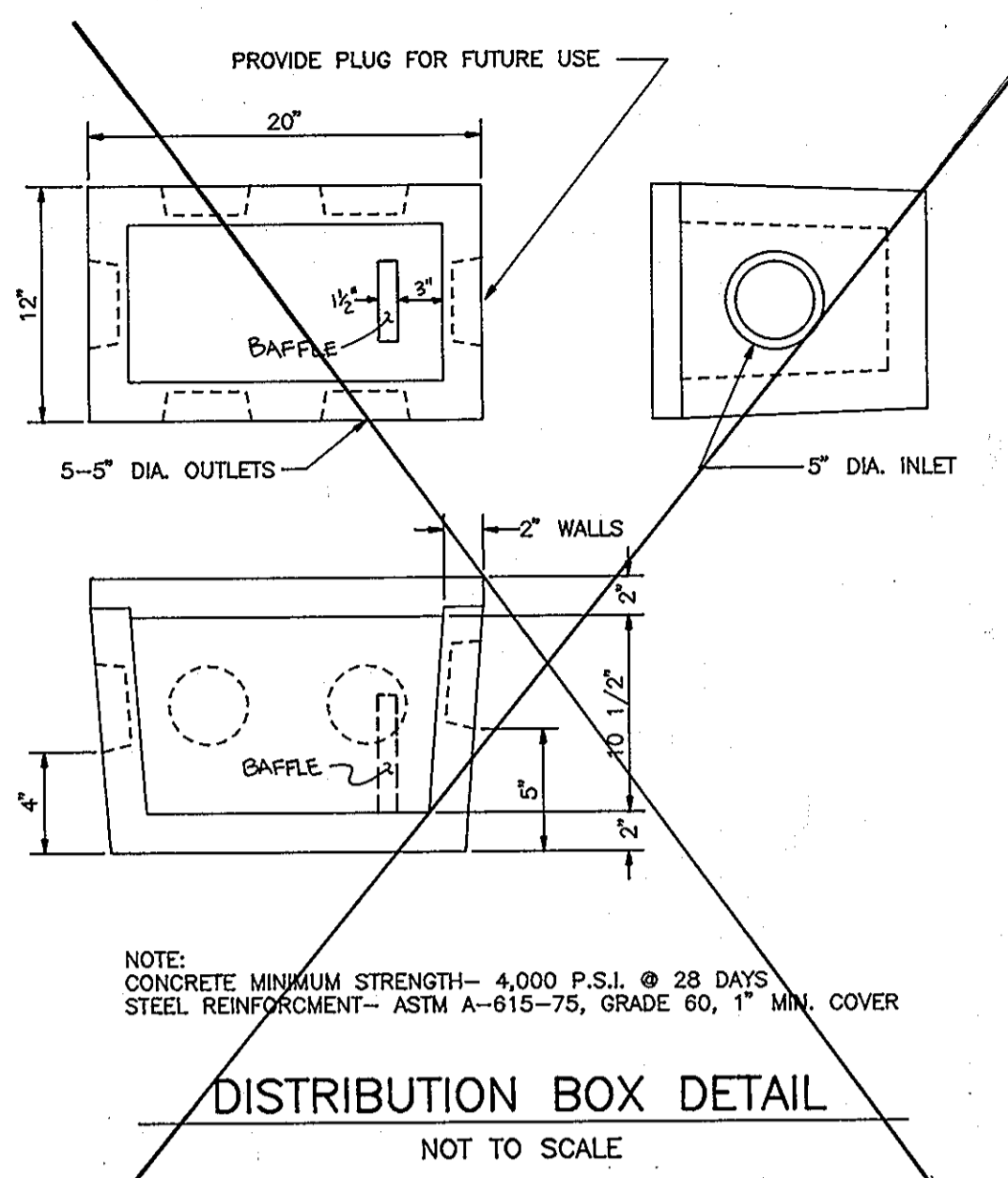
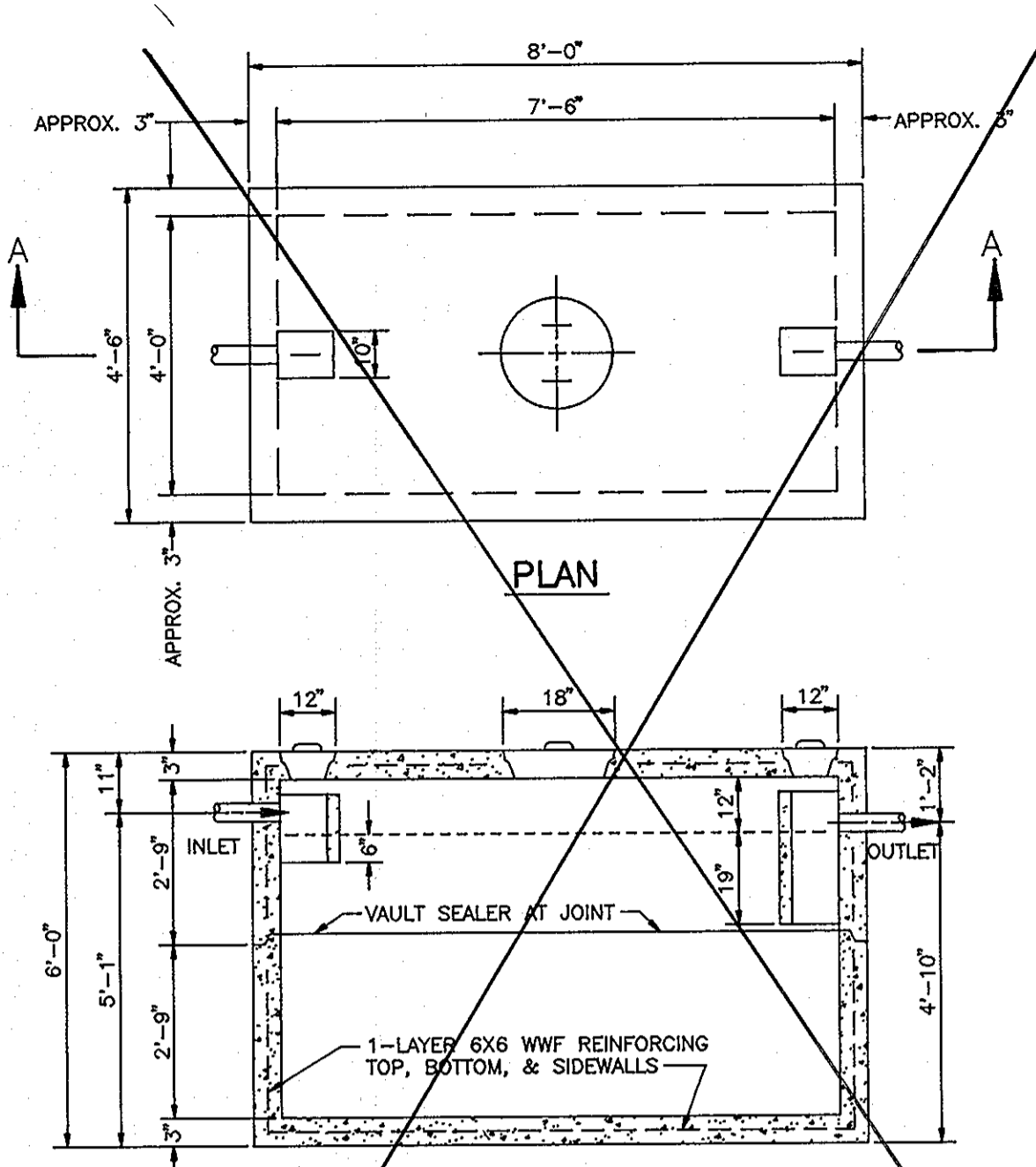
SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK SUBDIVISION	N/A	PARCEL 'I'
PLAT NO.	BLOCK NO.	ZONE
11179	6	B-2
TAX/ZONE	ELECT. DIST.	CENSUS TR.
34	5th	6051
PRIVATE	PRIVATE	
WATER CODE	SEWER CODE	

**WIN KELLY USED CAR AUTO SALES**  
**PARCEL 'I' HOLWECK SUBDIVISION**  
**SITE DEVELOPMENT PLAN**  
**SDP-94-83**  
 TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS - PLANNERS

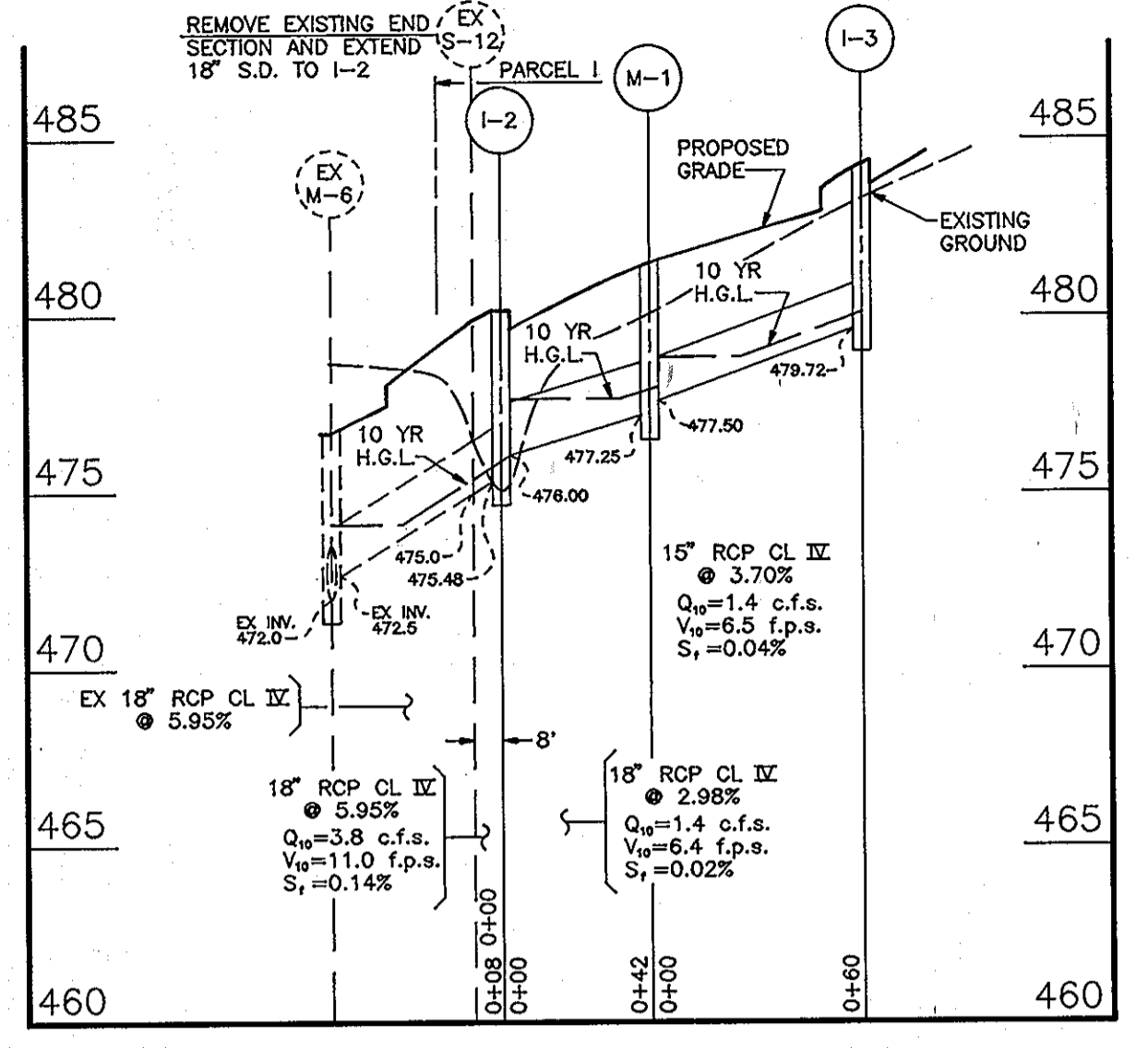
3691 PARK AVENUE, SUITE 101 ELLICOTT CITY, MARYLAND 21043  
 TELEPHONE: (410) 461-5828 FAX: (410) 465-3966

DESIGN BY: R.H.V.  
 DRAWN BY: D.G.H.  
 CHECKED BY: R.H.V.  
 DATE: JANUARY, 1994  
 SCALE: 1"=30'  
 W.G. NO.: 1 SHEET OF 6

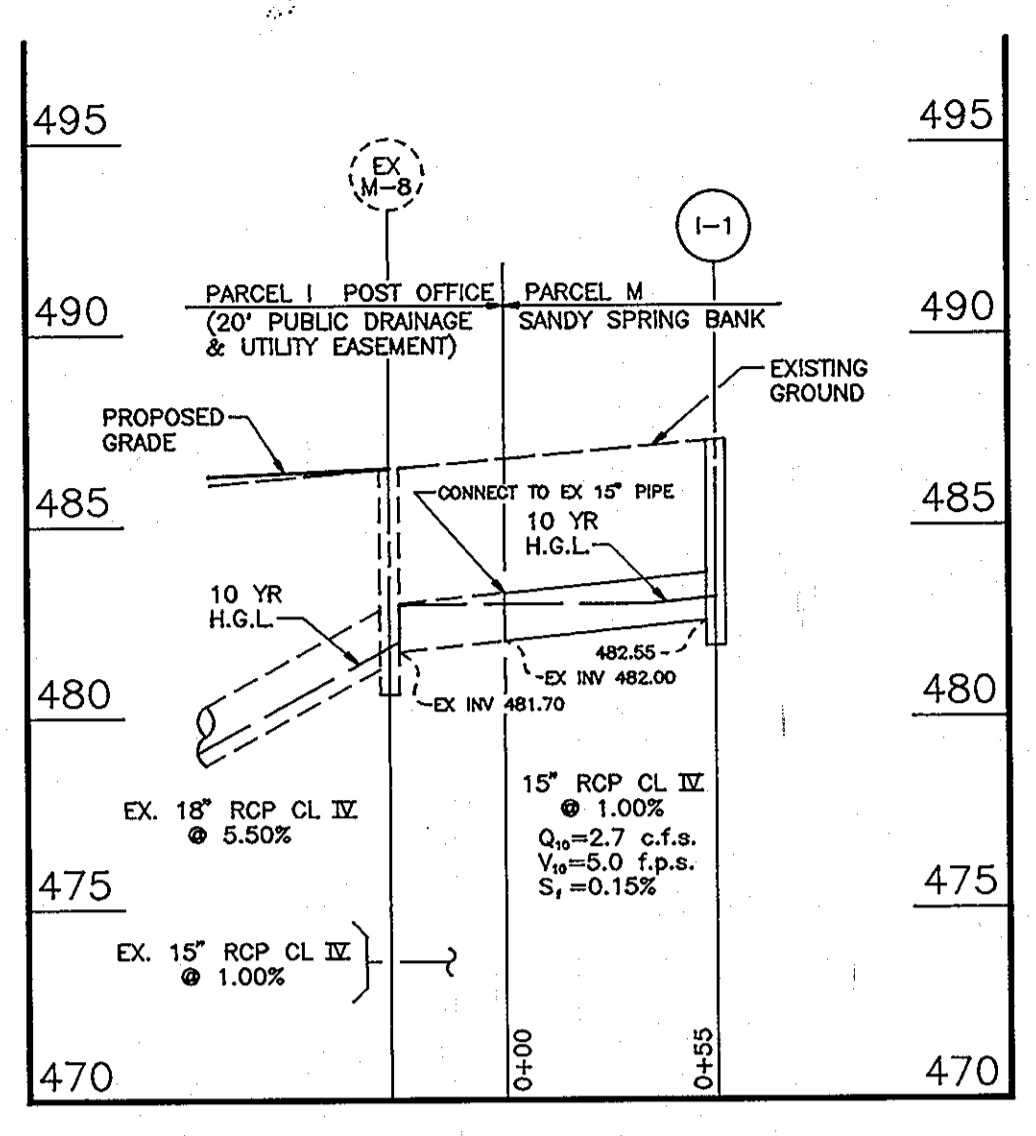


NOTE: THIS TANK IS NOT DESIGNED, MANUFACTURED, OR RECOMMENDED TO BE INSTALLED UNDER VEHICLE TRAFFIC AREA.

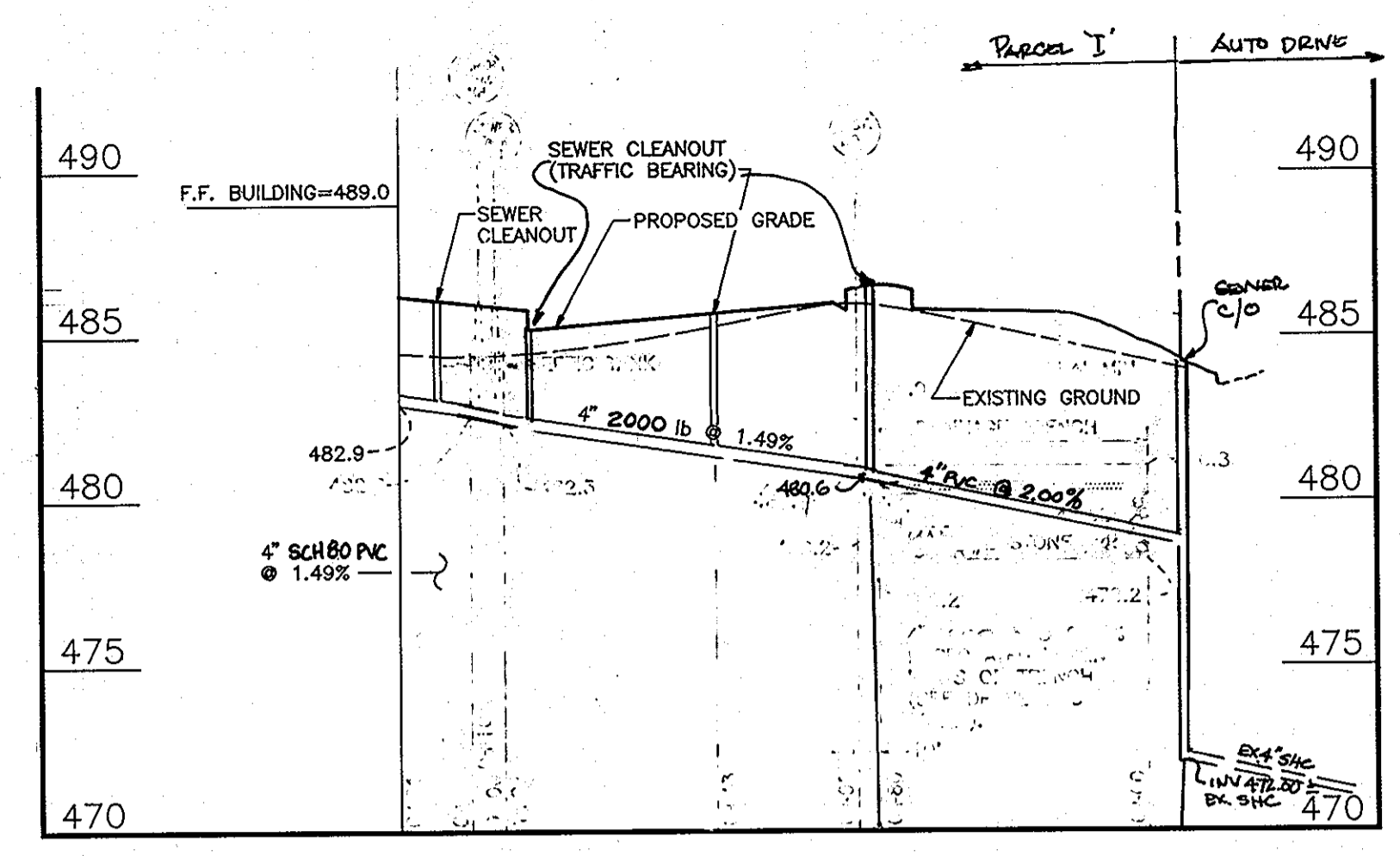
**1,000 GALLON SEPTIC TANK**  
NOT TO SCALE



**STORM DRAIN PROFILE**  
SCALE: VERT. 1"=5', HORIZ. 1"=50'



**STORM DRAIN PROFILE**  
SCALE: VERT. 1"=5', HORIZ. 1"=50'

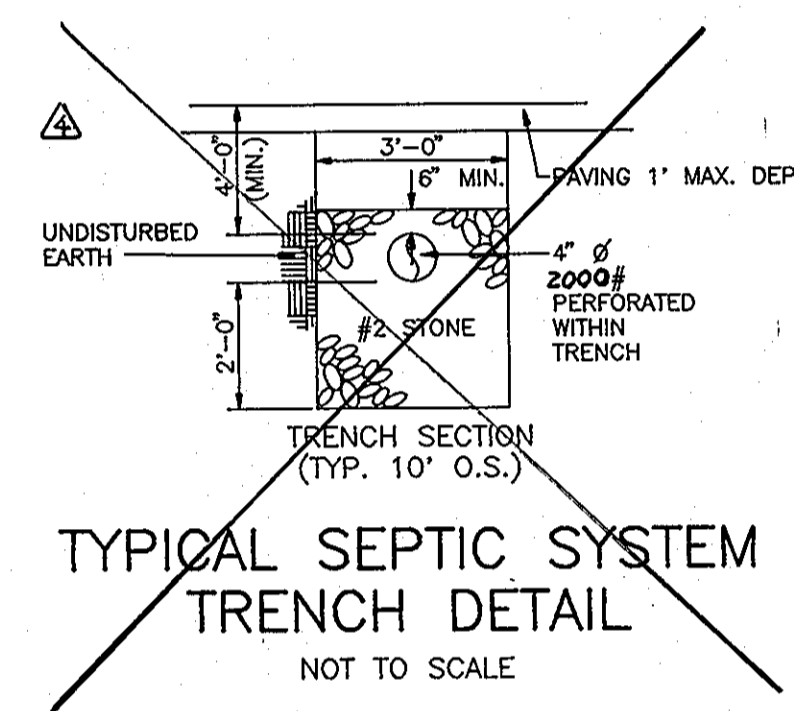


**SEWER CONNECTION PROFILE**  
SCALE: VERT. 1"=5', HORIZ. 1"=50'

**BENCH MARK #2**  
5/8" REBAR  
ELEVATION= 448.18  
COORDINATES:  
N 563,512.56  
E 1,327,919.74

EASMT. FOR A WELL AND WATERLINE TO PIZZA HUT  
L.2497 F.680

**SEWER TABLE**  
400 G.P.D. MAXIMUM SEWAGE DESIGN FLOW ALLOCATION  
0.8 GAL./SQ.FT./DAY TRENCH LOADING RATE  
3.0 FT WIDE TRENCH  
500 SQ.FT. TRENCH AREA  
167 LINEAR FT TRENCH MINIMUM; 250 FT PROVIDED



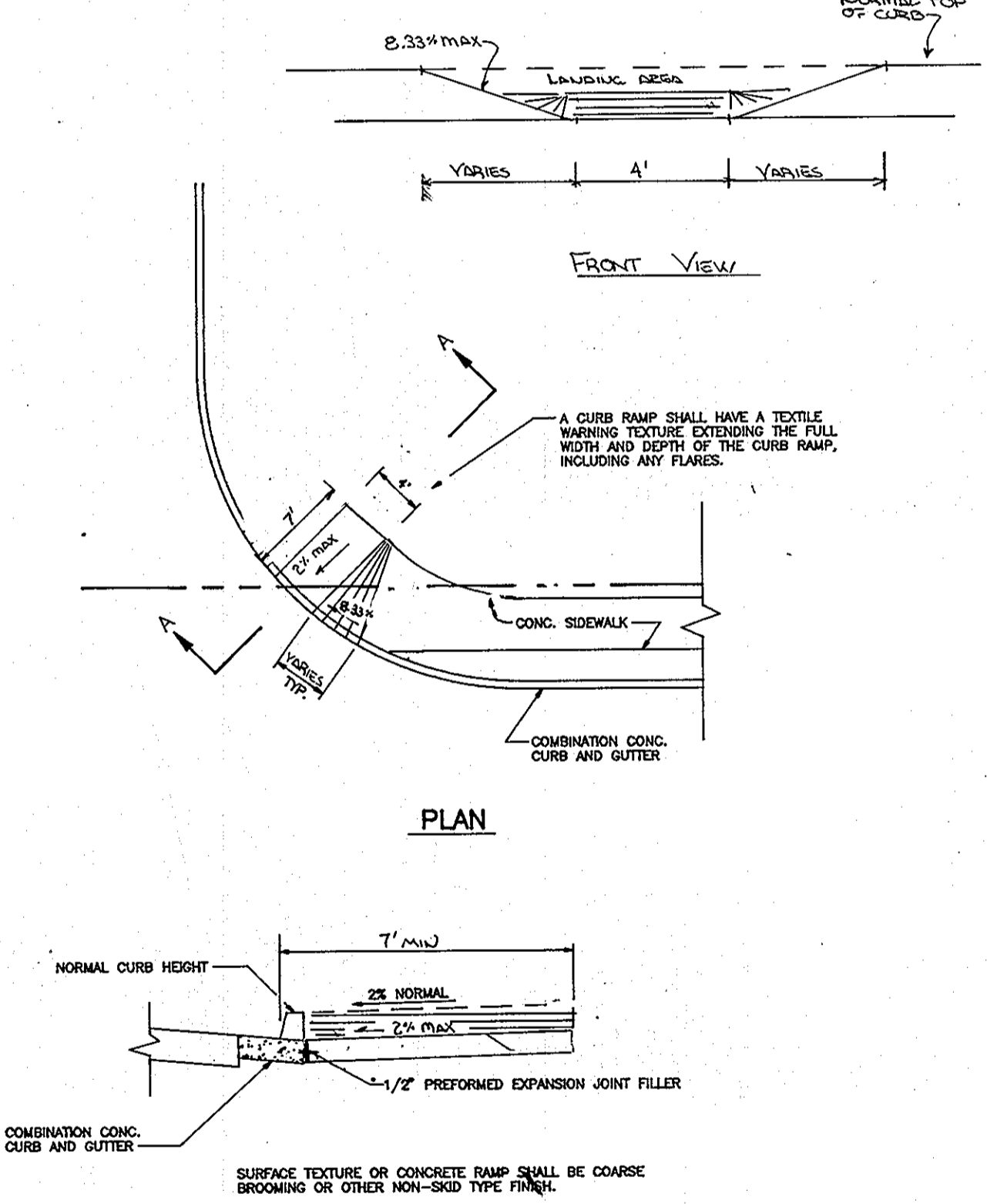
**TYPICAL SEPTIC SYSTEM TRENCH DETAIL**  
NOT TO SCALE

- TRENCH CONSTRUCTION NOTES**
- TRENCHES SHALL BE EXCAVATED USING A BACKHOE. FRONT-END LOADERS OR BULLDOZERS SHOULD NOT BE USED FOR TRENCH EXCAVATION.
  - EXCAVATED MATERIALS FROM THE TRENCHES SHALL BE PLACED AT A SUFFICIENT DISTANCE DOWNSLOPE OF THE TRENCHES TO AVOID MIGRATION OF SOILS BACK INTO THE TRENCH.
  - WORK SHALL BE SCHEDULED SUCH THAT THE TRENCHES CAN BE COVERED IN ONE DAY TO PREVENT WINDBLOWN OR WATERBORNE SEDIMENT FROM ENTERING THE TRENCH.
  - THE FIELD ENGINEER SHALL VERIFY THE CONSTRUCTED ELEVATIONS OF THE TRENCHES TO ENSURE A MINIMUM 4 FOOT COVER IS PROVIDED. HEALTH DEPARTMENT TO BE NOTIFIED FOR INSPECTION PRIOR TO COVERING TRENCH.
  - UPON COMPLETION OF THE TRENCH EXCAVATION AND PRIOR TO PLACEMENT OF PAVING, HEAVY CONSTRUCTION EQUIPMENT TRAFFIC SHALL BE DIVERTED FROM THE TRENCHES AND ADJACENT AREA.

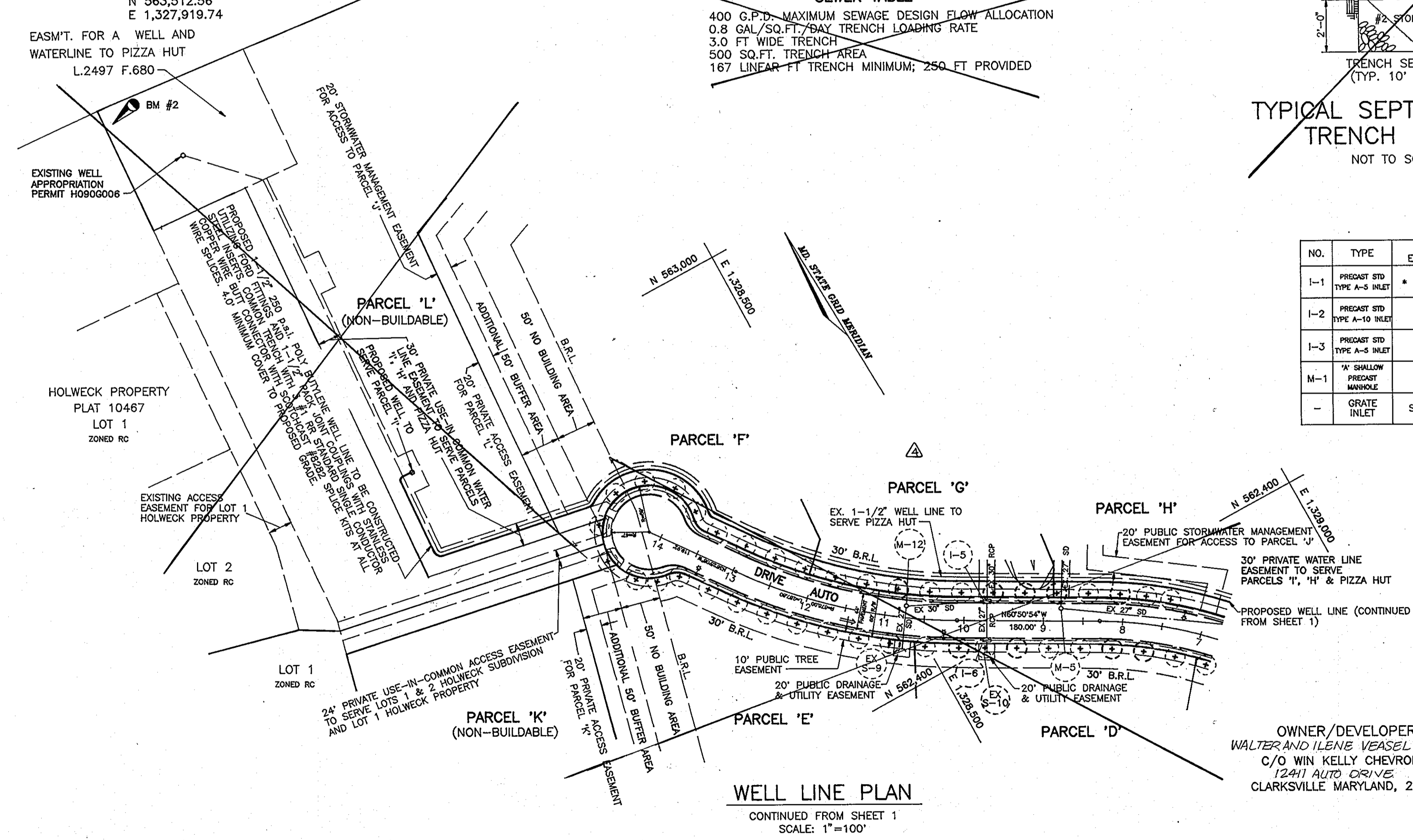
**STRUCTURE SCHEDULE**

NO.	TYPE	TOP ELEVATION	LOCATION	INV IN	INV OUT	REMARKS
I-1	PRECAST STD TYPE A-5 INLET	SEE NOTE	N 562,134.42 E 1,329,184.71	-	482.55	HOWARD COUNTY STD. DTL SD 4.40
I-2	PRECAST STD TYPE A-10 INLET	480.40	@ 'A' STA. 0+52.00 12.00' LEFT	476.00	475.48	HOWARD COUNTY STD. DTL SD 4.41
I-3	PRECAST STD TYPE A-5 INLET	484.30	@ 'C' STA. 0+97.69 18.20' LEFT	-	479.72	HOWARD COUNTY STD. DTL SD 4.40
M-1	'A' SHALLOW PRECAST MANHOLE	481.20	@ 'A' STA. 0+95.02 8.54' LEFT	477.50	477.25	HOWARD COUNTY STD. DTL SD 65.12
-	GRATE INLET	SEE PLAN	SEE PLAN	-	-	SEE SHEET 1 FOR DETAIL REFERENCE, LOCATION & INSTALLATION SPECIFICATIONS

\*NOTE: SET INLET IN FIELD TO ACCOMMODATE EXISTING PAVING



**SIDWALK HANDICAP RAMP**  
HOWARD COUNTY STD. R 4.03  
NOT TO SCALE



**WELL LINE PLAN**  
CONTINUED FROM SHEET 1  
SCALE: 1"=100'

OWNER/DEVELOPER  
WALTER AND ILENE VEASEL TRUSTEE  
C/O WIN KELLY CHEVROLET  
12411 AUTO DRIVE  
CLARKSVILLE MARYLAND, 21029

NO.	REVISION	DATE
4	REVISE PLAN TO DELETE THE EXISTING SEWER SYSTEM AND ADD A SEWER HOUSE CONNECTION TO THE EXISTING PUBLIC SEWER MAIN (SEE SHEET 1)	04/17/94
3	REVISE TO SHOW CHANGES FOR THE PROPOSED BUILDING USE	11/16/11
1	REVISE HANDICAP RAMP	12/23/94

**WIN KELLY USED CAR AUTO SALES**  
**PARCEL 'I' HOLWECK SUBDIVISION**  
PROFILES AND DETAILS  
SDP-94-83  
TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: (410) 461-8828  
FAX: (410) 465-3966

DESIGN BY: R.H.V.  
DRAWN BY: D.G.H.  
CHECKED BY: R.H.V.  
DATE: JANUARY, 1994  
SCALE: AS SHOWN  
W.O. NO.:  
2 SHEET OF 6

**ENGINEERS CERTIFICATE**  
"I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT"

*Robert H. Vogel* 3/29/94  
SIGNATURE OF ENGINEER DATE

**DEVELOPER'S CERTIFICATE**  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*Kevin M. Ball* 3/29/94  
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Patricia Long* 4/11/94  
U. S. SOIL CONSERVATION SERVICE DATE

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

APPROVED: *John Polinton* 4/11/94  
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*James A. ...* 4/22/94  
DIRECTOR DATE

*Jim Summary* 4/22/94  
CHIEF, LAND DEVELOPMENT AND RESEARCH DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: *James P. ...* 4/21/94  
DIRECTOR DATE

*Paul ...* 4/21/94  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

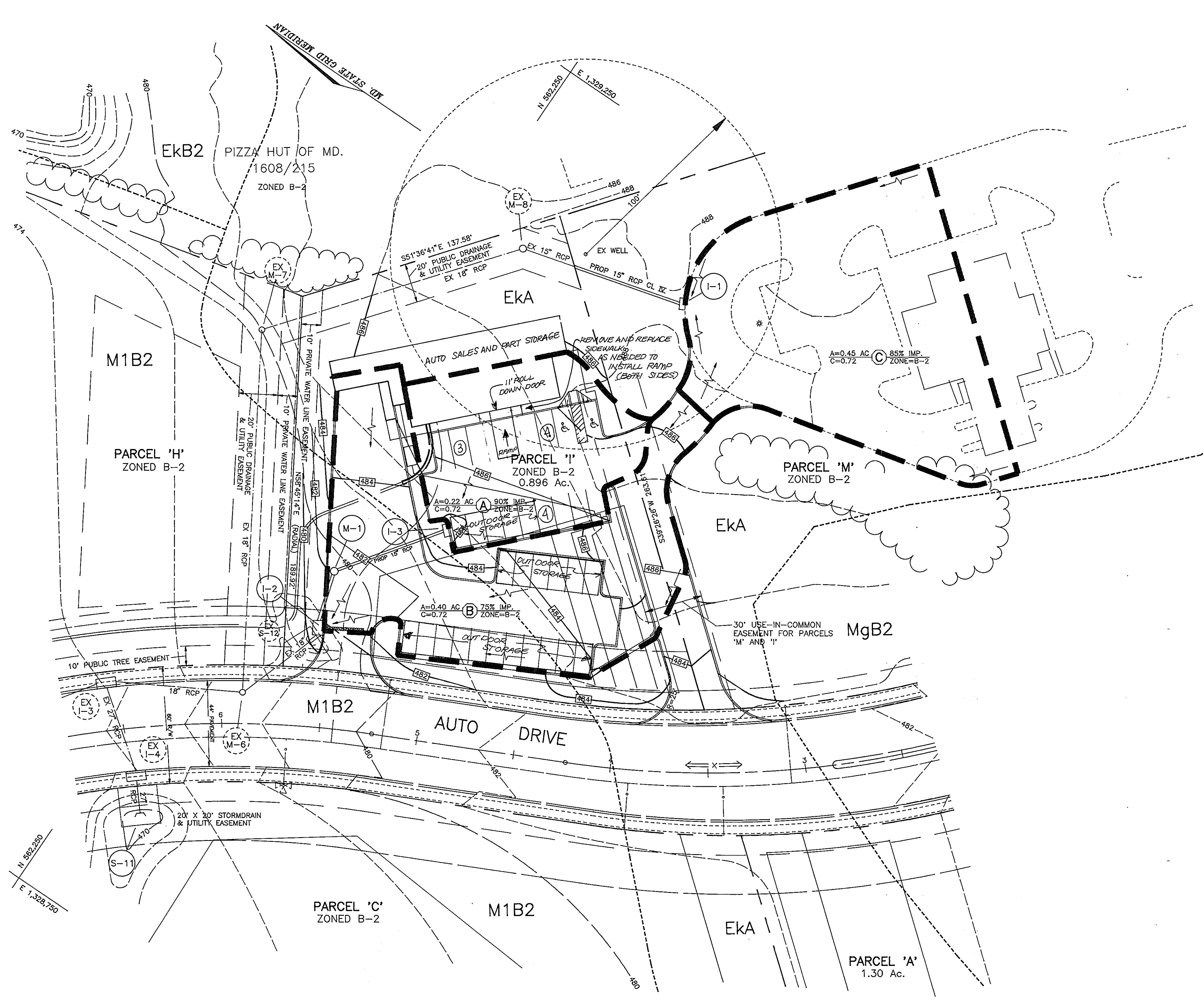
HOWARD COUNTY HEALTH DEPARTMENT

*Joyce M. ...* 4/20/94  
COUNTY HEALTH OFFICER DATE

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK PROPERTY	N/A	PARCEL 'I'

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
11179	6	B-2	34	5th	6051

PRIVATE PRIVATE  
WATER CODE SEWER CODE



SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	TYPE
MgB2	MANOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
EKA	ELIQUAK SILT LOAM, 0 TO 3 PERCENT SLOPES	C
MIB2	MANOR LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
EKB2	ELIQUAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	C

NOTE:  
 -THIS SITE DOES NOT INCLUDE SOILS DESIGNATED AS HYDRIC OR SOILS WITH HYDRIC INCLUSIONS. SOILS ARE NOT CLASSIFIED AS HIGHLY ERODIBLE.  
 -HOWARD SOIL SURVEY, MAP NUMBER 23

OWNER/DEVELOPER  
 WALTER AND ILENE VEASEL TRUSTEE  
 C/O WIN KELLY CHEVROLET  
 12411 AUTO DRIVE  
 CLARKSVILLE MARYLAND, 21029

**LEGEND**

---484---	EXISTING CONTOUR
-484-	PROPOSED CONTOUR
---	DRAINAGE AREA DIVIDE
- - -	SILT FENCE
⊗	INLET PROTECTION
---	SOILS LINE
---	DRAINAGE FLOW

3	REVISE TO SHOW CHANGES FOR THE PROPOSED BUILDING USE	11/16/11
NO.	REVISION	DATE

WIN KELLY USED CAR AUTO SALES  
 PARCEL 'I' HOLWECK SUBDIVISION  
 DRAINAGE AREA MAP AND SOILS MAP  
 SDP-94-83

TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101 ELLICOTT CITY, MARYLAND 21043 TELEPHONE: (410) 461-6828 FAX: (410) 465-3986



DESIGN BY: R.H.V.  
 DRAWN BY: D.G.H.  
 CHECKED BY: R.H.V.  
 DATE: JANUARY, 1994  
 SCALE: 1"=30'  
 W.O. NO.:

3 SHEET OF 6

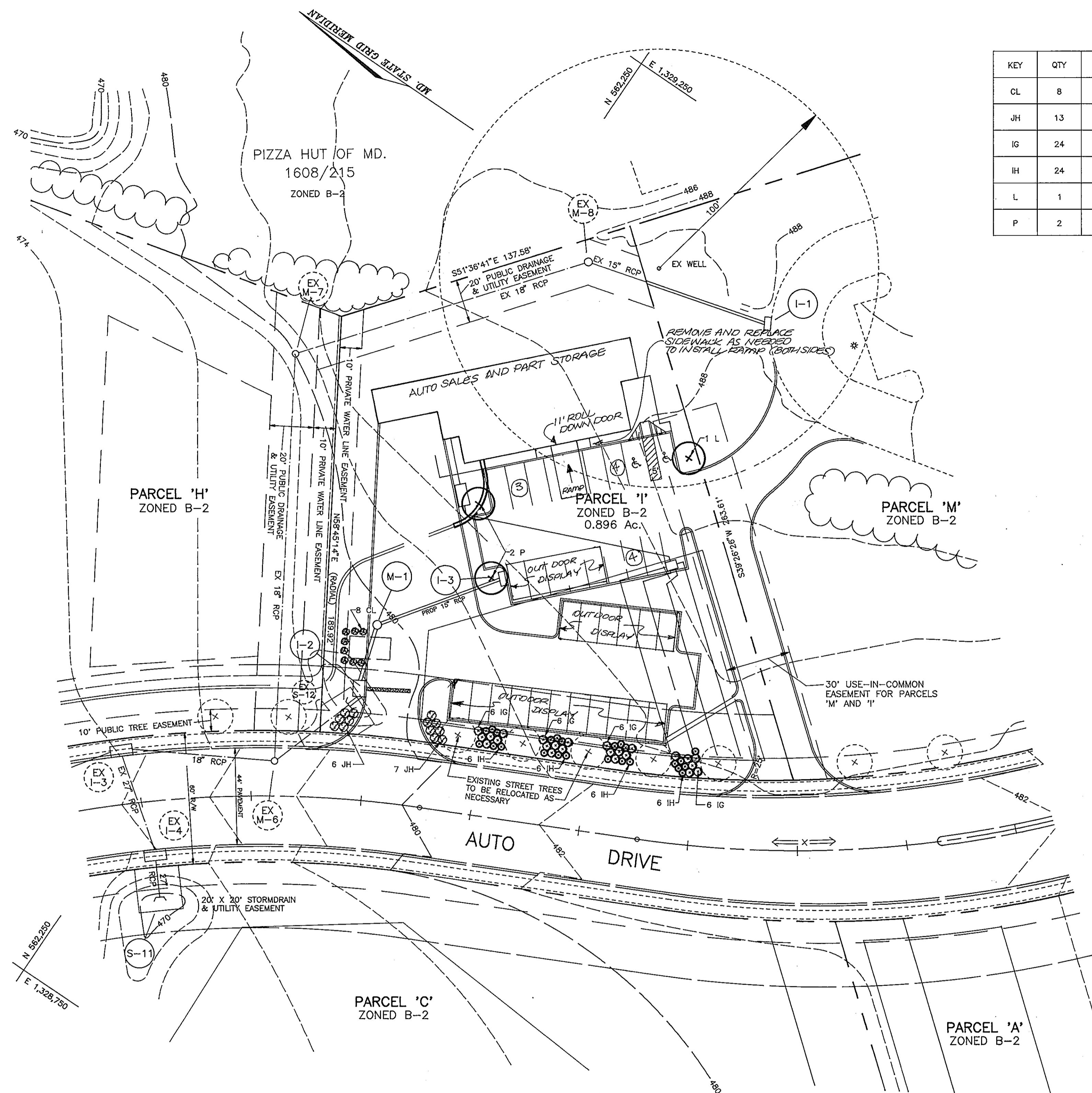
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 Robert H. Veasel 3/29/94  
 SIGNATURE OF ENGINEER DATE

**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Kevin M. Bell 3/29/94  
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 Patricia Miller 4/16/94  
 U.S. SOIL CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 APPROVED: John R. Robertson 4/14/94  
 HOWARD SOIL CONSERVATION DISTRICT DATE DIRECTOR

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Director 4/22/94  
 Celia Jurimany 4/22/94  
 CHIEF, LAND DEVELOPMENT AND RESEARCH DATE  
 APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 APPROVED: Ronald L. Pappan 4/21/94  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 Joyce M. Bond 4/20/94  
 COUNTY HEALTH OFFICER DATE  
 SUBDIVISION NAME SECTION/AREA PARCEL NUMBER  
 HOLWECK SUBDIVISION N/A PARCEL 'I'  
 PLAT NO. BLOCK NO. ZONE TAX/ZONE ELECT. DIST. CENSUS TR.  
 11179 6 B-2 34 5th 6051  
 PRIVATE PRIVATE  
 WATER CODE SEWER CODE



**PLANT LIST**

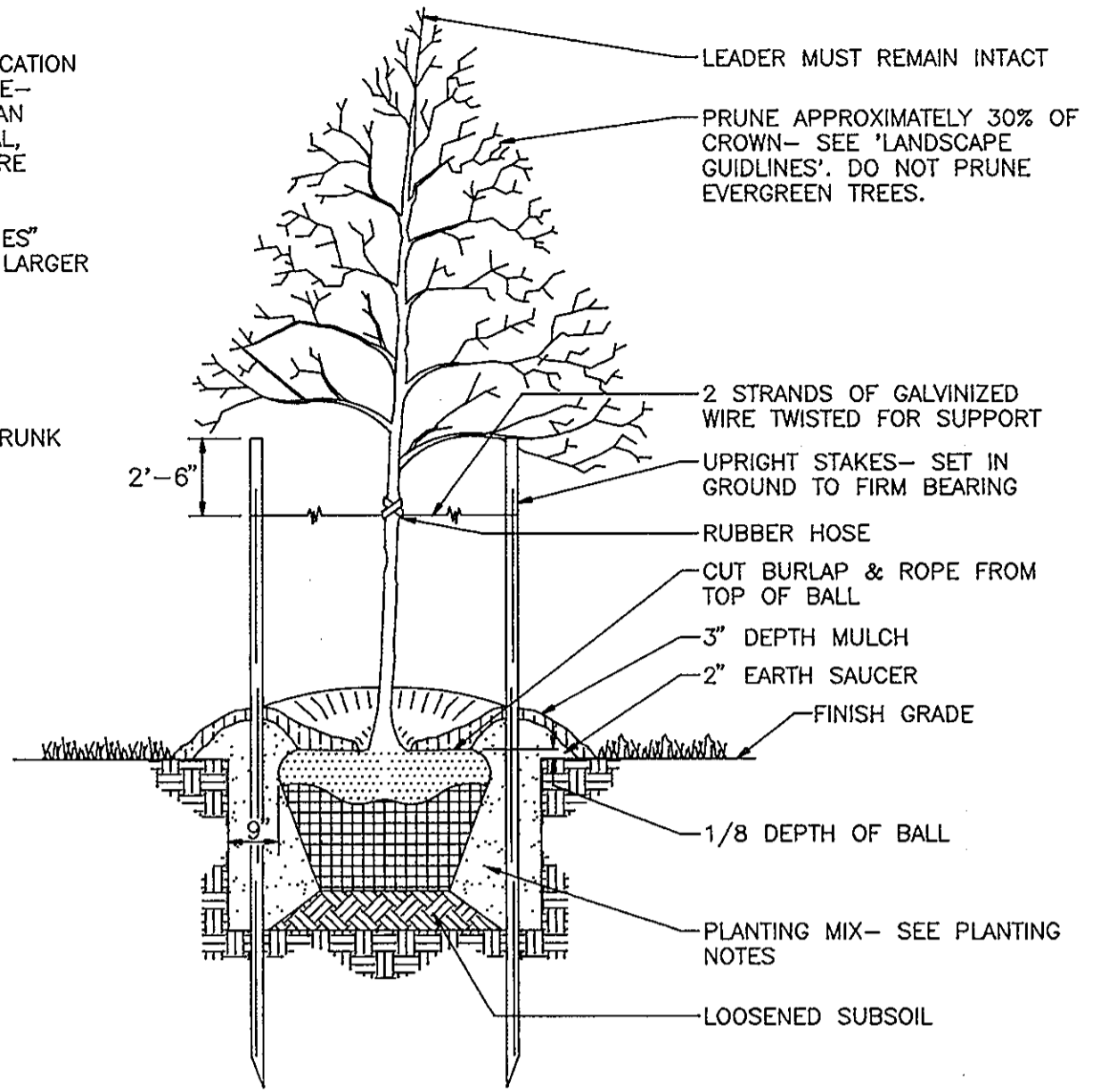
KEY	QTY	BOTANICAL NAME/ COMMON NAME	SIZE	STOCK
CL	8	CUPRESSOCYPRIS LEYLAND/ LEYLAND CYPRESS	5'-6" HT	B+B
JH	13	JUNIPERUS HORIZONTALIS PLUMAS A/ ANDORRA JUNIPER	6"-8" HT	CONT.
IG	24	ILEX GLABRA COMPACTA/ COMPACT INKBERRY	15"-18" HT	CONT.
IH	24	ILEX CRENATA HELLERI/ HELLERI HOLLY	12"-15" HT	CONT.
L	1	LIQUIDAMBER STYRACIFLUA/ AMERICAN SWEETGUM	2 1/2"-3" CAL	B+B
P	2	PRUNUS YEDOENSIS/ YOSHINO CHERRY	2 1/2"-3" CAL	B+B

**PLANTING NOTES**

- PLANTS, RELATED MATERIALS, AND OPERATIONS SHALL MEET THE DETAILED DESCRIPTION AS GIVEN ON THE PLANS AND AS DESCRIBED HEREIN.
- ALL PLANT MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE NURSERY GROWN, UNIFORMLY BRANCHED AND HAVE A VIGOROUS ROOT SYSTEM. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS PLANTS FREE FROM DEFECTS, DECAY, DISFIGURING ROOTS, SUNSCALD INJURIES, ABRASIONS OF THE BARK, PLANT DISEASE, INSECT PEST EGGS, BOXERS AND ALL FORMS OF INFESTATION OR ORIENTATIONABLE DISTURBANCES. PLANT MATERIAL THAT IS WEAK OR WHICH HAS BEEN CUT BACK FROM LARGER GRADES TO MEET SPECIFIED REQUIREMENTS WILL BE REJECTED. TREES WITH FORGED LEADERS WILL NOT BE ACCEPTED. ALL PLANTS SHALL BE FRESHLY DUG; NO HELED-IN PLANTS OR PLANTS FROM COLD STORAGE WILL BE ACCEPTED.
- UNLESS OTHERWISE SPECIFIED, ALL PLANT MATERIAL SHALL CONFORM TO "AMERICAN STANDARD FOR NURSERY STOCK" ANSI Z60.1-1986, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INCLUDING ALL ADDENDA.
- UNLESS OTHERWISE SPECIFIED, ALL GENERAL CONDITIONS, PLANTING OPERATIONS, DETAILS AND PLANTING SPECIFICATIONS SHALL CONFORM TO "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" (HEREIN-AFTER "LANDSCAPE GUIDELINES") APPROVED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON AND THE POTOMAC CHAPTER OF THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, SEPTEMBER, 1981, INCLUDING ALL ADDENDA.
- CONTRACTOR SHALL BE REQUIRED TO GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE IN ACCORDANCE WITH THE APPROPRIATE SECTION OF THE LANDSCAPE GUIDELINES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES, UTILITY CONTRACTORS AND "MISS UTILITY" A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND LOCATION OF PLANT MATERIALS TO AVOID CONFLICTS WITH UTILITIES.
- PLANTING BED SHALL BE MULCHED WITH 3" OF SHREDED HARDWOOD BARK MULCH. GROUND COVER BEDS SHALL BE MULCHED TO A DEPTH OF 2".
- ALL AREAS WITHIN THE CONTRACT LIMIT NOT COVERED BY BUILDING, PAVING, PLANTING BEDS OR OTHERWISE DESIGNATED ON THE PLANS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PERMANENT SEEDING SPECIFICATIONS (SEE SHEET 6), INCLUDING ALL ADDENDA.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL MATERIALS IN THE PROPER PLANTING SEASON FOR EACH PLANT TYPE.
- PLANTING MIX SHALL BE DONE AS FOLLOWS:  
DECIDUOUS PLANTS - TWO PARTS TOP SOIL, ONE PART WELL-ROTTED COW OR HORSE MANURE, ADD 3 LBS. OF STANDARD 10-10-10 FERTILIZER PER CUBIC YARD OF PLANTING MIX.  
EVERGREEN PLANTS - TWO PARTS TOPSOIL, ONE PART HUMUS OR OTHER APPROVED ORGANIC MATERIAL, ADD 3 LBS. OF EVERGREEN (ACIDIC) FERTILIZER PER CUBIC YARD OF PLANTING MIX.  
TOPSOIL SHALL CONFORM TO LANDSCAPE GUIDELINES.
- THIS PLAN IS INTENDED FOR LANDSCAPE PLAN ONLY. SEE OTHER PLAN SHEETS FOR INFORMATION ON GRADING, SEDIMENT CONTROL, LAYOUT, ETC.

**NOTES**

- SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" FOR ALL MATERIAL, PRODUCT, AND PROCEDURE SPECIFICATIONS.
- SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.
- PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
- KEEP MULCH 1" FROM TRUNK



**TREE PLANTING AND STAKING**

DECIDUOUS AND EVERGREEN TREES UP TO 2-1/2" CALIPER NOT TO SCALE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

LANDSCAPE TYPE	E
LINEAR FEET OF ROADWAY AUTO DRIVE/ FRONTAGE/PERIMETER PARKING LOT	110 L.F.
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
NUMBER OF PLANTS REQUIRED SHADE TREES 1/40 L.F. EVERGREEN TREES - SHRUBS 1/40 L.F.	3 - 28
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	61

\*28 SHRUBS + (3 X 10:1 SHRUB SUBSTITUTION)=58

**SCHEDULE B PARKING LOT INTERNAL LANDSCAPING**

NUMBER OF PARKING SPACES	35
NUMBER OF TREES REQUIRED 1:20 SPACES SHADE TREES	2
NUMBER OF TREES PROVIDED OTHER TREES (2:1 SUBSTITUTION) SHRUBS (DUMPSTER SCREEN)	1 2 8

NOTE:  
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 5 LANDSCAPE TREES IN THE AMOUNT OF \$500 IS PART OF THE BUILDER'S GRADING PERMIT APPLICATION.

OWNER/DEVELOPER  
WALTER AND ILENE VERSELL TRUSTEES  
C/O WIN KELLY CHEVROLET  
12411 AUTO DRIVE  
CLARKSVILLE MARYLAND, 21029

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.	APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING DIRECTOR <i>[Signature]</i> 4/22/94 DATE	APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT <i>[Signature]</i> 4/20/94 COUNTY HEALTH OFFICER DATE
U. S. SOIL CONSERVATION SERVICE DATE	APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR <i>[Signature]</i> 4/21/94 DATE	SUBDIVISION NAME SECTION/AREA PARCEL NUMBER HOLWECK SUBDIVISION N/A PARCEL 'I'
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT APPROVED: HOWARD SOIL CONSERVATION DISTRICT DATE	CHIEF, LAND DEVELOPMENT AND RESEARCH	PLAT NO. BLOCK NO. ZONE TAX/ZONE ELECT. DIST. CENSUS TR. 11179 6 B-2 34 5th 6051
	CHIEF, BUREAU OF ENGINEERING DATE	PRIVATE PRIVATE WATER CODE SEWER CODE

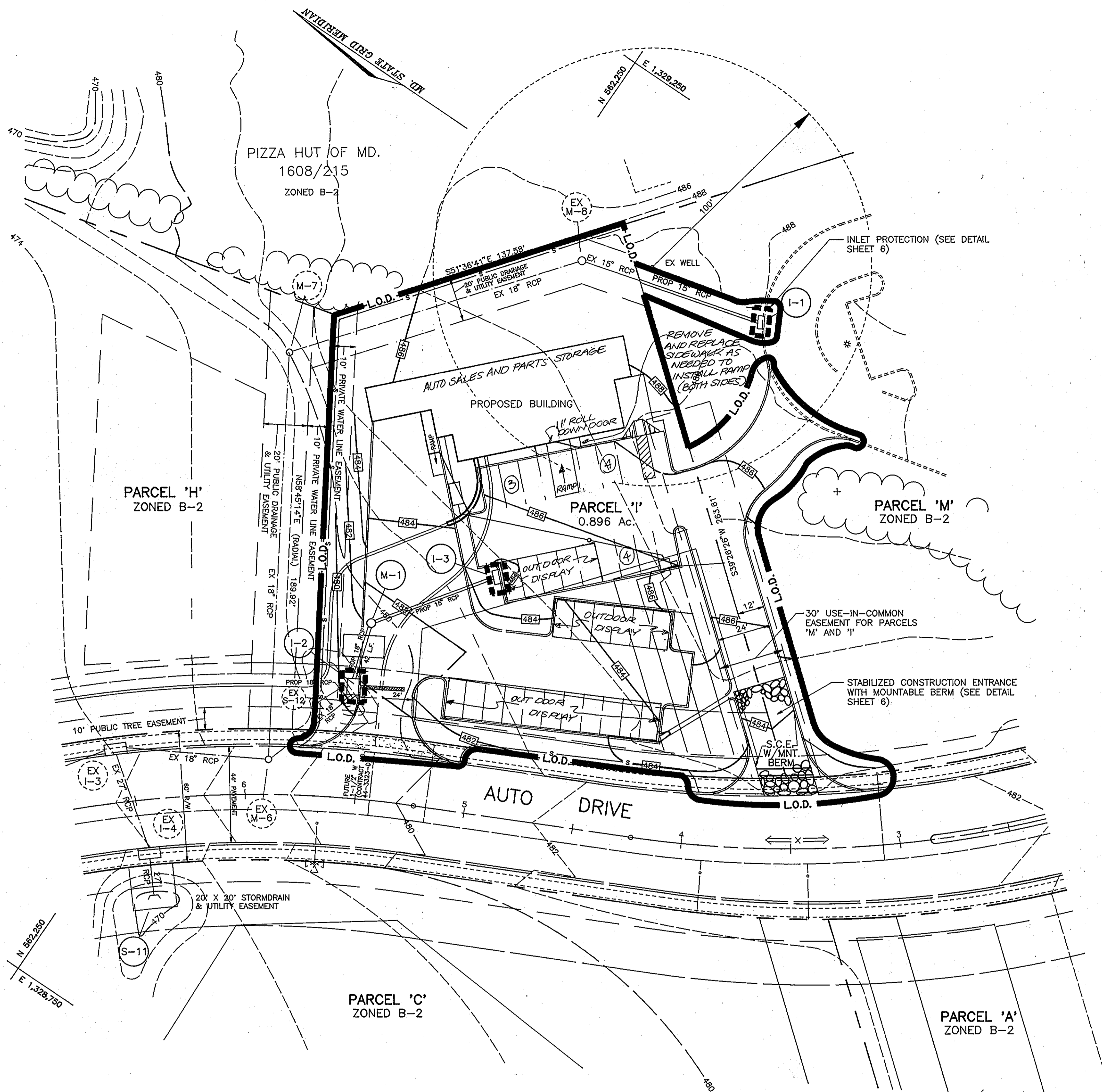
NO.	REVISION	DATE
3	REVISE TO SHOW CHANGES FOR THE PROPOSED BUILDING USE	1/16/11

WIN KELLY USED CAR AUTO SALES  
PARCEL 'I' HOLWECK SUBDIVISION  
LANDSCAPE PLAN  
SDP-94-83  
TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS  
3891 PARK AVENUE, SUITE 101  
BILLCOTT CITY, MARYLAND 21048  
TELEPHONE: (410) 461-5828  
FAX: (410) 465-8986

DESIGN BY: R.H.V.  
DRAWN BY: D.G.H.  
CHECKED BY: R.H.V.  
DATE: DECEMBER, 1993  
SCALE: 1"=30'  
W.O. NO.:

4 SHEET OF 6



**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT. 1 DAY
2. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (313-1880) AT LEAST 24 HOURS BEFORE STARTING ANY WORK. 1 DAY
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE. 1 DAY
4. INSTALL PERIMETER SEDIMENT CONTROL MEASURES. 1 DAY
5. PERFORM ROUGH SITE GRADING. 1 DAY
6. BEGIN CONSTRUCTION OF POST OFFICE BUILDING. 8 WEEKS
7. INSTALL SEWAGE DISPOSAL SYSTEM AND PRIVATE WELL LINE FROM PARCEL 'L'. 1 WEEK
8. CONSTRUCT STORM DRAINAGE SYSTEM AND INSTALL INLET PROTECTION. 1 WEEK
9. CONSTRUCT PARKING LOTS, DRIVEWAYS, AND SIDEWALKS. 2 WEEKS
10. INSTALL LANDSCAPING.
11. DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDED NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN HEREON.
  - A. 7 CALENDER DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
  - B. 14 CALENDER DAYS FOR ALL OTHER DISTURBED AREA.
13. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL STRUCTURES.

OWNER/DEVELOPER  
 WALTER AND ILENE VEASEL TRUSTEE  
 C/O WIN KELLY CHEVROLET  
 12411 AUTO DRIVE  
 CLARKSVILLE MARYLAND, 21029

**LEGEND**

---484---	EXISTING CONTOUR	---L.O.D.---	LIMIT OF DISTURBANCE
-484-	PROPOSED CONTOUR	---INLET PROTECTION---	INLET PROTECTION
-S-	SILT FENCE (TO BE STAKED AT 3'-5' INTERVALS)		

3	REVISE TO SHOW CHANGES FOR THE PROPOSED BUILDING USE 11/16/11	
NO.	REVISION	DATE

WIN KELLY USED CAR AUTO SALES  
 PARCEL 'I' HOLWECK SUBDIVISION  
 SEDIMENT AND EROSION CONTROL PLAN  
 SDP-94-83  
 TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS - PLANNERS

3601 PARK AVENUE, SUITE 101 TELEPHONE: (410) 461-5888  
 ELLICOTT CITY, MARYLAND 21043 FAX: (410) 465-3968

DESIGN BY: R.H.V.	
DRAWN BY: D.G.H.	
CHECKED BY: R.H.V.	
DATE: JANUARY, 1994	
SCALE: 1"=30'	
W.O. NO.:	5 SHEET OF 6

**ENGINEERS CERTIFICATE**  
 I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT  
 Robert H. Vogel 3/29/94  
 SIGNATURE OF ENGINEER DATE

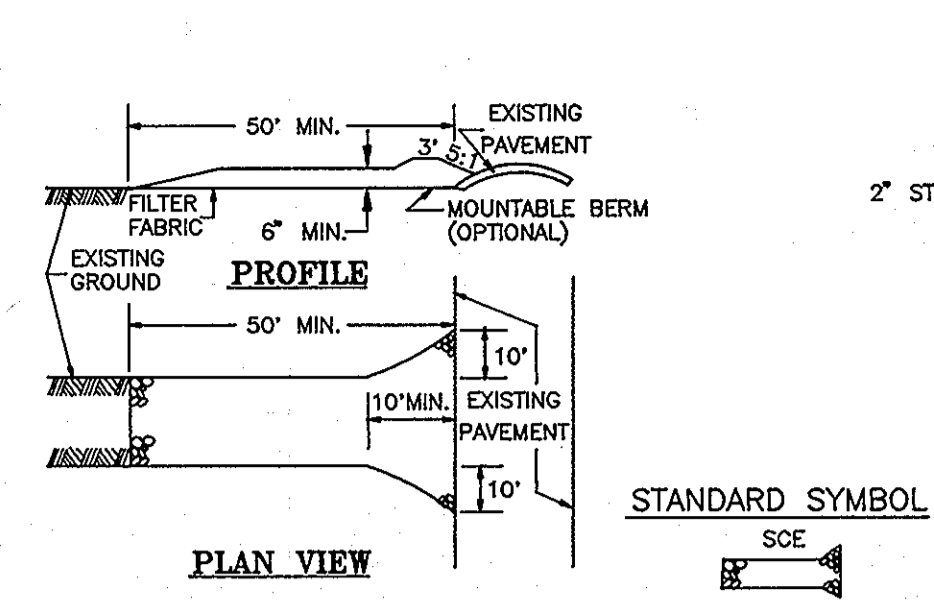
**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Kevin M. Zell 3/29/94  
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 Patricia Enders 4/16/94  
 U. S. SOIL CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 APPROVED: John C. Robertson 4/11/94  
 HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 James R. Smith 4/22/94  
 DIRECTOR DATE  
 Oline Turumann 4/22/94  
 CHIEF, LAND DEVELOPMENT AND RESEARCH DATE  
 APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 APPROVED: James M. ... 4/22/94  
 DIRECTOR DATE  
 Robert ... 4/21/94  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 APPROVED: Joyce M. ... 4/20/94  
 COUNTY HEALTH OFFICER DATE

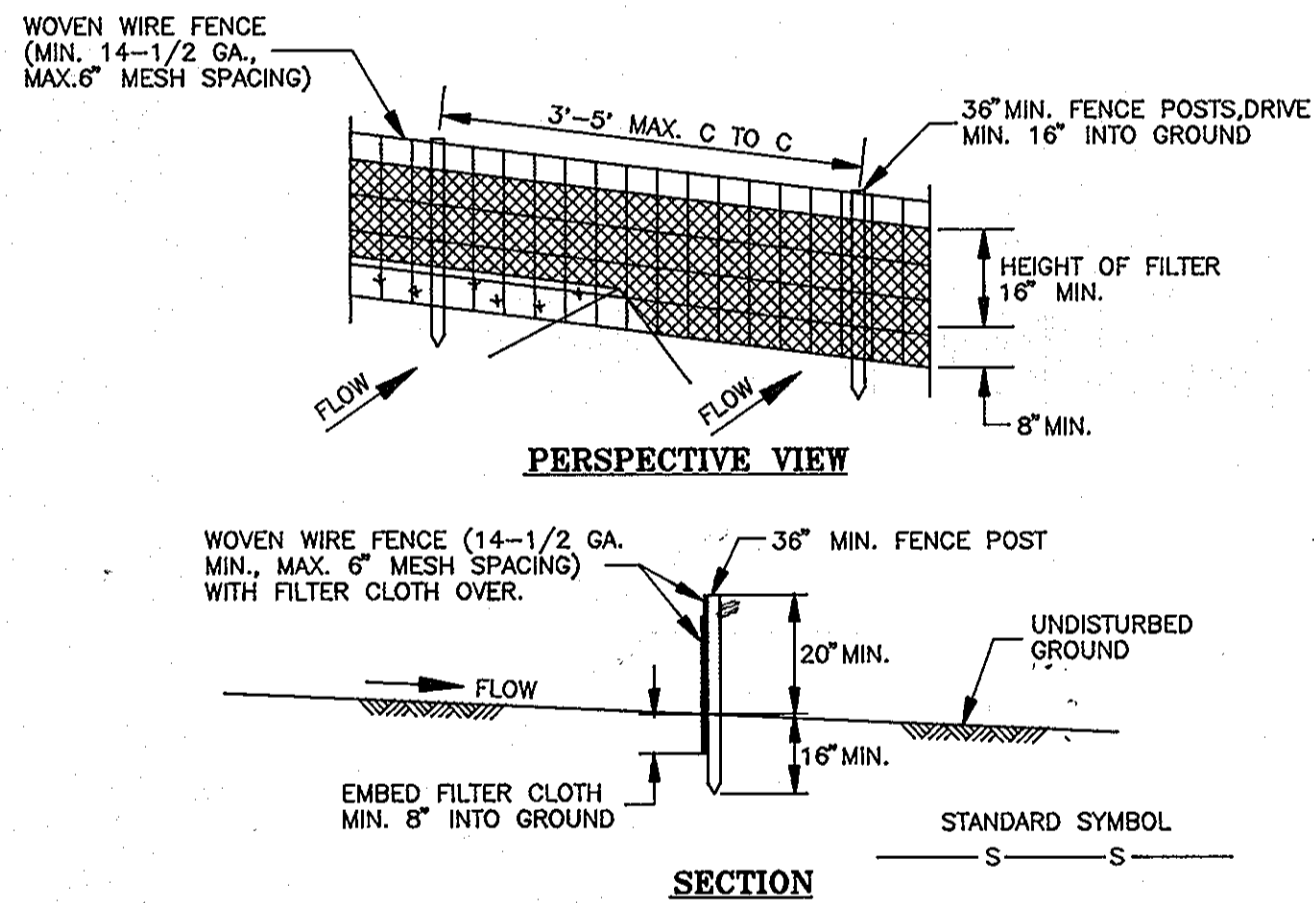
SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK PROPERTY	N/A	PARCEL 'I'
PLAT NO.	BLOCK NO.	ZONE
11179	6	B-2
TAX/ZONE	ELECT. DIST.	CENSUS TR.
34	5th	6051
PRIVATE	PRIVATE	
WATER CODE	SEWER CODE	



**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENT LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT, NOT LESS THAN THE FULL WIDTH AT POINT WHERE INGRESS AND EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

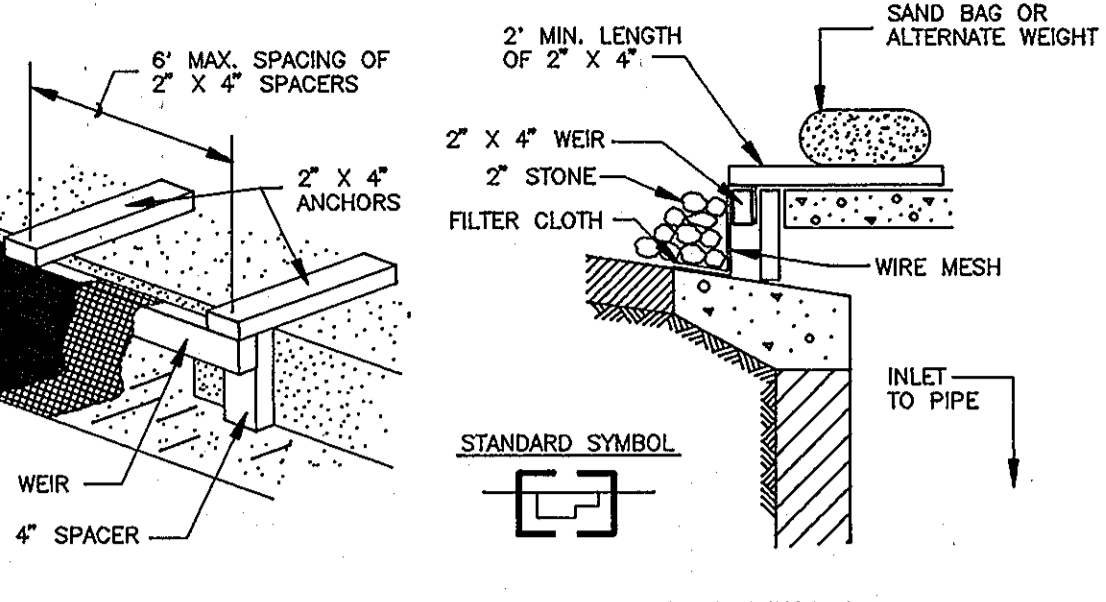
**STABILIZED CONSTRUCTION ENTRANCE**  
N.T.S



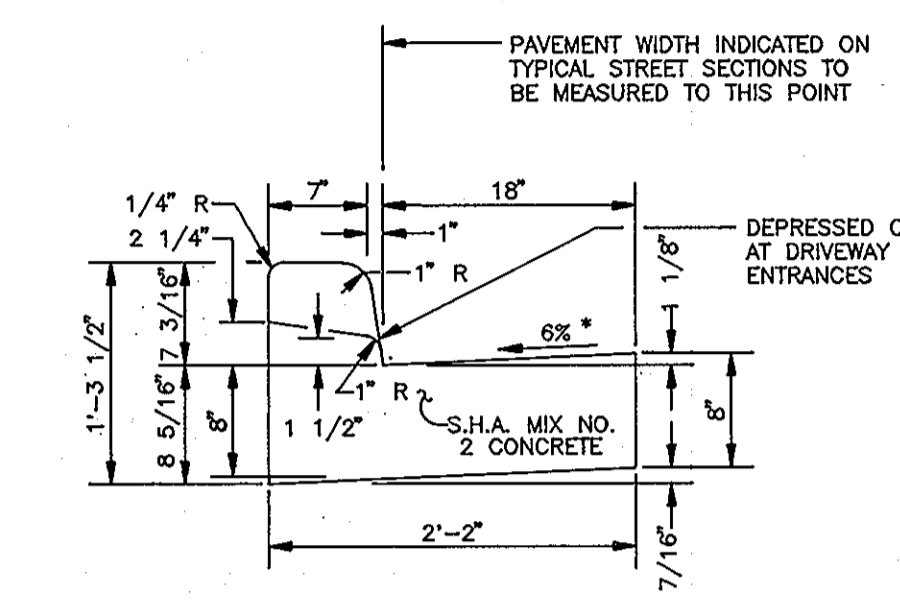
**CONSTRUCTION NOTES FOR SILT FENCE**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP & MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

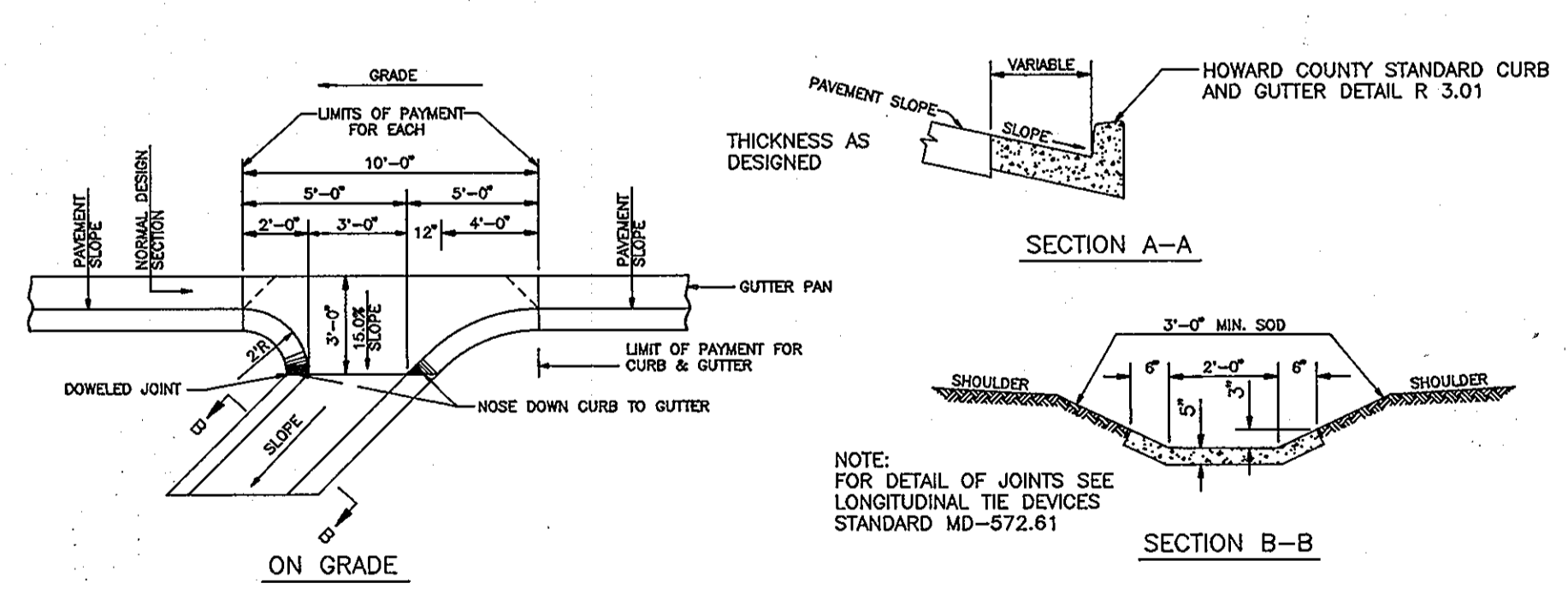
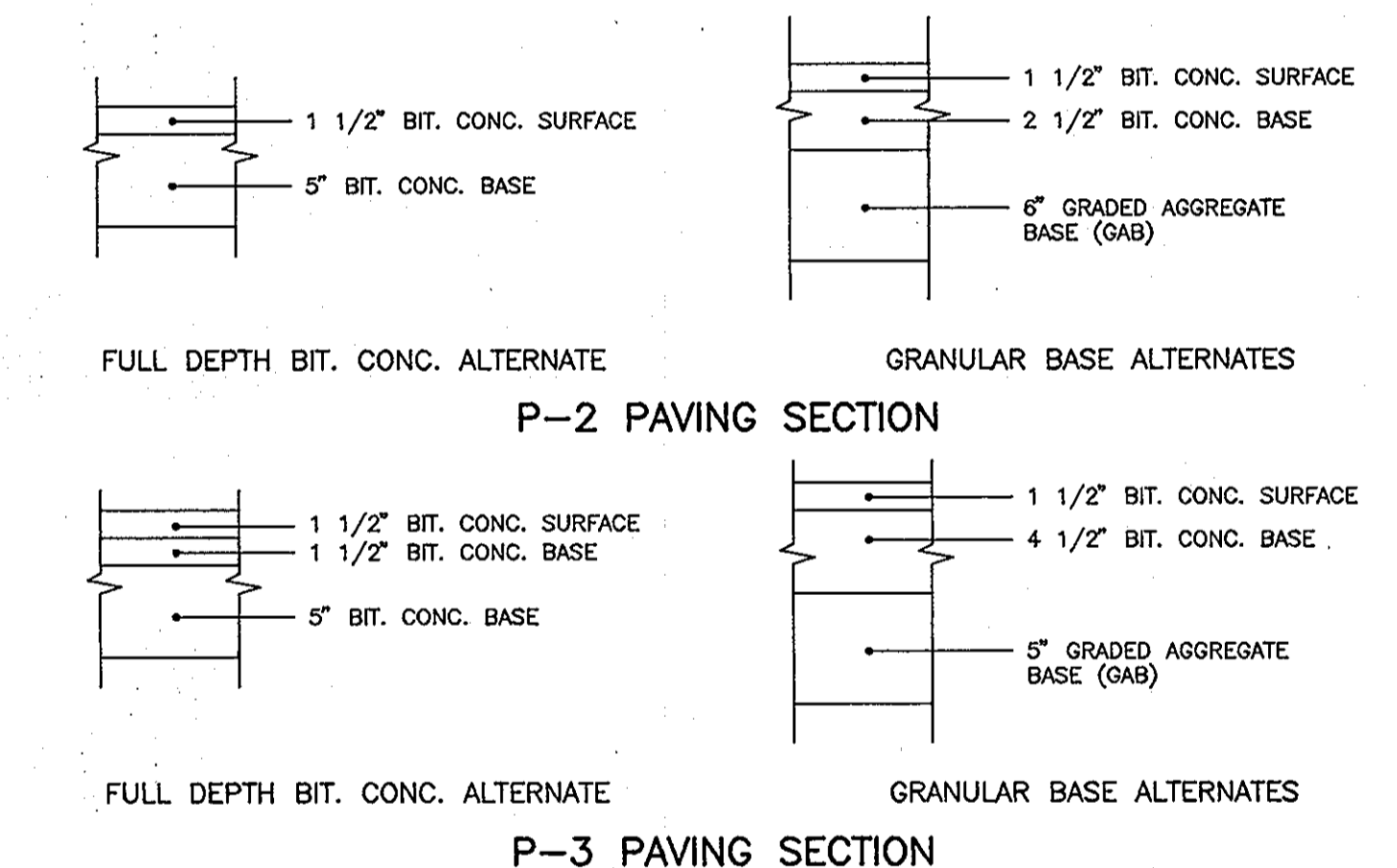
**SILT FENCE**  
N.T.S



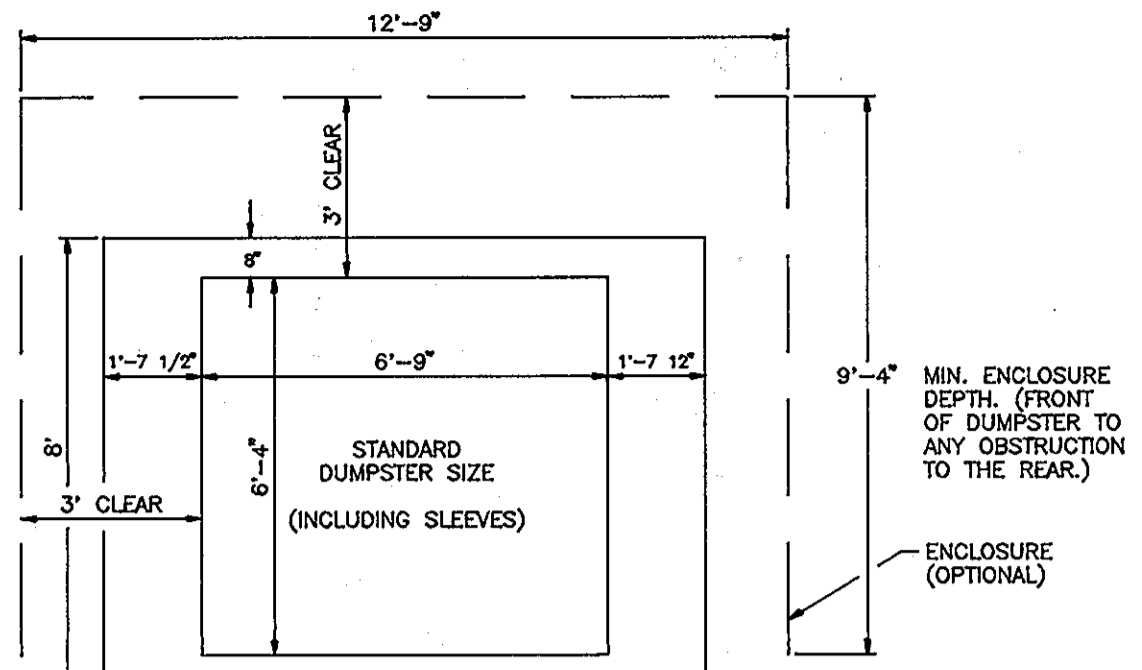
**CURB INLET PROTECTION DETAIL**  
NOT TO SCALE



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



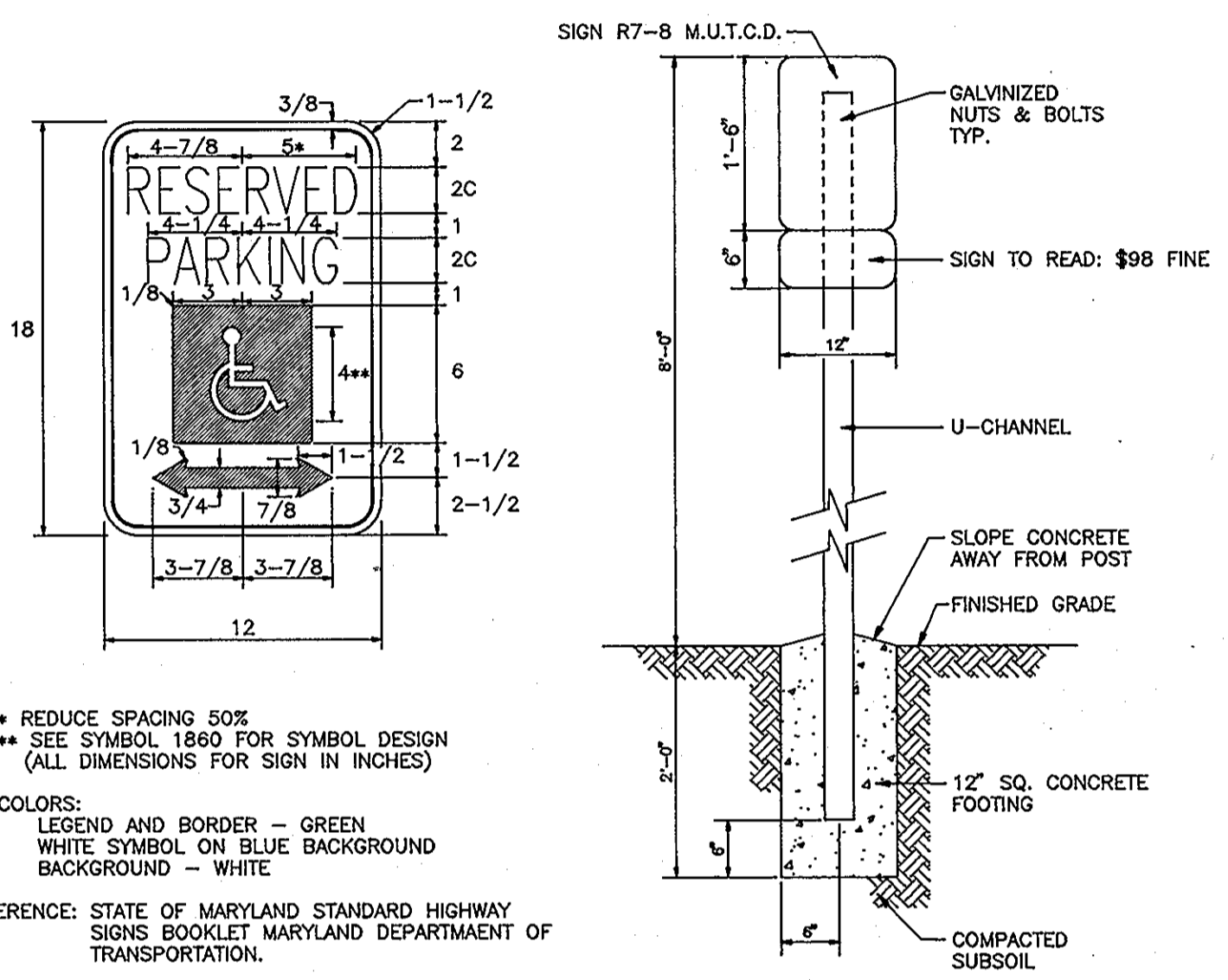
**STANDARD CURB OPENING DETAIL**  
REFERENCE: S.H.A. STD. NO. MD-640.02  
NOT TO SCALE



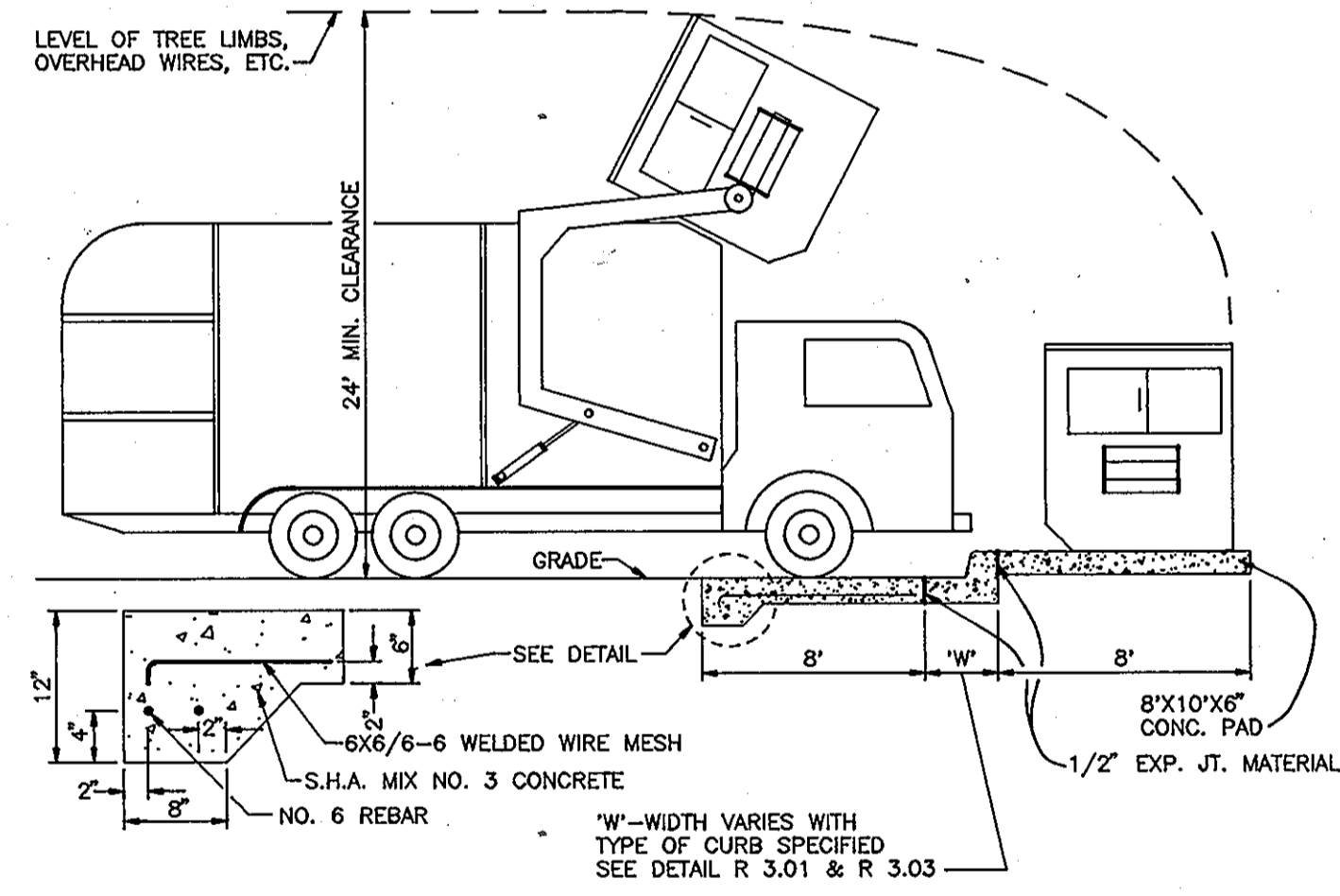
**SOLID WASTE OPTIONAL CONTAINER ENCLOSURE**  
HOWARD COUNTY STD. R 11.02  
NOT TO SCALE

**TEMPORARY SEEDING**  
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, if not 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 November 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 rotted 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 feet or higher, use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.  
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

**PERMANENT SEEDING NOTES**  
Apply to graded or cleared areas not subject to immediate further disturbance where a permanent, long-lived vegetative cover is needed.  
Seedbed Preparation: Loosen upper 3 inches of soil by raking, discing, or other acceptable means before seeding, if not previously loosened.  
Soil Amendments: Use one of the following schedules:  
1) Preferred- Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.) before seeding. Harrow or disc into upper 3 inches of soil. At time of seeding apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq. ft.).  
2) 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 60lbs. 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. of Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: 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. per acre Kentucky 31 Tall Fescue, and mulch with 2 tons per acre well anchored straw.  
Mulching: Apply 1 1/2 to 2 tons per acre (70-90 lbs./1000 sq. ft.) of un-rotted 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 reseedings.



**HANDICAP SIGN**  
NOT TO SCALE



**SOLID WASTE SERVICE PAD**  
HOWARD COUNTY STD. R 11.01  
NOT TO SCALE

**SEDIMENT CONTROL NOTES**

- All Grading Permits shall be obtained prior to the starting of any Grading work.
- 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 (992-2437).
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 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, Storm Drainage, of the Howard County Design Manual.
- 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), sod (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 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 R/W and easements	0.90± acres
Area disturbed	0.98± acres*
Area to be roofed or paved	0.53± acres
Area to be vegetatively stabilized	0.59± acres
Total cut	300 cu. yds.
Total fill	300 cu. yds.
Offsite waste/borrow area location	To be determined by contractor, with pre-approval of the Sediment Control Inspector
*0.08 AC ON PARCEL 'M'	
- 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 controls 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.
- See Sheet No. 5 for additional Sediment and Erosion Control Notes and Details.

**ENGINEERS CERTIFICATE**  
I HEREBY 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT  
Signature: [Signature] DATE: 3/29/94

**DEVELOPER'S CERTIFICATE**  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Signature: [Signature] DATE: 3/29/94

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
Signature: [Signature] DATE: 4/1/94  
S. SOIL CONSERVATION SERVICE  
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
Signature: [Signature] DATE: 4/1/94  
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Signature: [Signature] DATE: 4/22/94  
DIRECTOR  
APPROVED: [Signature] DATE: 4/22/94  
CHIEF, LAND DEVELOPMENT AND RESEARCH  
APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
Signature: [Signature] DATE: 4/21/94  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DIRECTOR

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
Signature: [Signature] DATE: 4/22/94  
COUNTY HEALTH OFFICER  
SUBDIVISION NAME: HOLWECK SUBDIVISION SECTION/AREA: N/A PARCEL NUMBER: PARCEL 'I'  
PLAT NO.: 11179 BLOCK NO.: 6 ZONE: B-2 TAX/ZONE: 34 ELECT. DIST.: 5th CENSUS TR.: 6051  
PRIVATE PRIVATE  
WATER CODE SEWER CODE

WIN KELLY USED CAR AUTO SALES  
PARCEL 'I' HOLWECK SUBDIVISION  
DETAILS AND NOTES  
SDP-94-83  
TAX MAP #34 REFERENCE F 94-38 PARCEL 'I'  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS  
3691 PARK AVENUE, SUITE 101 ELLICOTT CITY, MARYLAND 21043 TELEPHONE: (410) 461-5828 FAX: (410) 465-3988  
DESIGN BY: R.H.V.  
DRAWN BY: D.G.H.  
CHECKED BY: R.H.V.  
DATE: JANUARY, 1994  
SCALE: AS SHOWN  
W.O. NO.: 6 SHEET OF 6