GENERAL NOTES

- I. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD GOUNTY 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 FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- 3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT I-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.

LOCATION:

ELECTION DISTRICT

PARCEL B-29 # B-30 AREA:

- 5. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, BUREAU OF UTILITIES AT (4IO) 3I3-4900 AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WORK
- 7. ALL PLAN DIMENSIONS ARE TO FACE OF BUILDING UNLESS OTHERWISE NOTED. DIMENSIONS ARE MEASURED PERPENDICULAR OR RADIALLY BETWEEN ITEMS UNLESS OTHERWISE NOTED.
- 8. EXISTING TOPOGRAPHY IS SHOWN PER FIELD RUN SURVEY INFORMATION BY GUTSCHICK, LITTLE & WEBER, P.A. & BY DESIGN GRADES FROM DESIGN PLANS FOR CONSTRUCTION.
- 9. COORDINATES AND BEARINGS ARE BASED UPON THE '83 MD STATE COORDINATE SYSTEM (NAD '83) AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 41EA, 41EB, 41GA AND NO. 46B2.
- IO. SITE IS BEING DEVELOPED UNDER MXD-3 REGULATIONS, PER ZB995M, APPROVED ON 2/8/OI AND ZB-1039M APPROVED 03/20/06 AND THE COMPREHENSIVE ZONING PLAN DATED 02/02/04. UNDERLYING ZONING IS RR-DEO AND THE COMP LITE ZONING REGULATION AMENDMENTS DATED 07/28/06.
- THE PREVIOUS DEPARTMENT OF PLANNING AND ZONING FILE NUMBERS:
 OI-17, S-06-16, ZB-995M, ZB-1039M, PB-353, PB-378, P-07-18, F-08-54, F-08-55, SDP-07-43, WP-05-12, WP-07-122, WP-08-04, F-08-105, SDP-08-056, SDP-08-056, SDP-08-114, SDP-09-60, F-09-16, F-11-041, F-14-093, F-17-006 \$ SDP-16-007.
- 12. FOR EXISTING PUBLIC WATER AND SEWER SEE CONTRACT Nos. 24-4498-D
- 13. ALL ON-SITE STORM DRAIN SYSTEMS ARE PRIVATE.
- 14. STORMWATER MANAGEMENT, FOR BOTH QUALITY AND QUANTITY, FOR THE DEVELOPMENT PROPOSED BY THESE PLANS IS SATISFIED BY AN EXISTING FACILITY CONSTRUCTED UNDER F-03-07, ON OPEN SPACE LOT 3. THE FACILITY IS PRIVATELY OWNED AND IAINTAINED. THE RECHARGE REQUIREMENTS FOR THIS DEVELOPMENT IS PROVIDED BY FACILITIES BUILT THRU OUT MAPLE LAWN.
- 15. EXISTING UTILITIES ARE BASED ON APPROVED DESIGN PLANS FOR CONSTRUCTION AND FIELD LOCATION BY
- 16. THERE ARE NO KNOWN CEMETERIES, GRAVE SITES OR HISTORIC STRUCTURES LOCATED ON THE SUBJECT PROPERTY
- 17. THERE ARE NO SCENIC ROADS WITHIN OR ADJACENT TO THE SUBJECT PROPERTY
- 18. THERE IS NO FLOODPLAIN ON THIS SITE (PARCELS B-29 THRU B-30).
- 19. THERE ARE NO WETLANDS ON THIS SITE (PARCELS B-29 THRU B-30). 20. AS A COMMERCIAL DEVELOPMENT, A NOISE STUDY IS NOT REQUIRED FOR THIS SDF
- 21. BUILDING AND PARKING SETBACKS ARE IN ACCORDANCE WITH THE APPROVED DEVELOPMENT CRITERIA PER 5-06-16 TRACT FOR MAPLE LAWN FARMS ARE GRANDFATHERED TO THE FOURTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS DEVELOPED UNDER 5-01-17, PB CASE 353 AND ZB CASE NO. 995M. HOWEVER, THE PROPOSED RESIDENTIAL AND EMPLOYMENT USES THAT ARE TO BE DEVELOPED UNDER AMENDED CSP, S-06-16 AND ZB CASE NO. 1039M FOR THE FORMER WESSEL AND OLIVER PROPERTIES ARE SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND REGULATIONS PER
- COUNCIL BILL NO.45-2003 AND THE ZONING REGULATIONS PER COUNCIL BILL NO. 75-2003. 23. THE TRAFFIC STUDY (APFO) WAS APPROVED AS PART OF SKETCH PLAN 5-06-016.
- 24. FOREST CONSERVATION FOR THIS SITE HAS BEEN PROVIDED UNDER F-08-54.
- 25. ALL BUILDING SHALL HAVE AN AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM W/ AN INSIDE METER
- 26. THE SHARED ACCESS AND PARKING AGREEMENT (INCLUDES DUMPSTERS FOR PRIVATE REFUSE SERVICE) FOR PARCELS B-29 & B-3C IS RECORDED AT L.7789 F.353 (SEE SHEET 4 "SHARED PARKING ANALYSIS").
- ALL EXTERIOR LIGHT FIXTURES SHALL BE ORIENTED TO DIRECT LIGHT INWARDS AND DOWNWARDS AWAY FROM ALL ADJOINING RESIDENTIAL USE AREAS AND PUBLIC ROADS IN ACCORDANCE WITH SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS.
- 28. THE LOADING AND UNLOADING DELIVERIES AND MOVE INS/OUTS CAN ONLY OCCUR OUTSIDE OF NORMAL BUSINESS HOURS OF OPERATION.
- 30. 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 OF \$ 1,260,00 FOR THE REQUIRED LANDSCAPING TO SATISFY SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL SHALL BE POSTED WITH THE GRADING PERMIT APPLICATION (FOR ADDITIONAL INFORMATION ON THE LANDSCAPE SURETY CALCULATIONS, SEE SHEETS 9 \$ 10).
- THE TOTAL NUMBER OF PARKING SPACES PROVIDED ARE 500 SPACES, WHICH SHALL BE SHARED AMONG PARCELS B-29, B-30, C-24,
- WITH THIS PLAN, PLANS FOR CERTAIN FACILITIES TO BE CONSTRUCTED WITHIN THE LIMITS. DESCRIBED BY THIS PLAN WILL REQUIRE REVIEW AND APPROVAL BY THE HEALTH DEPARTMENT. SUCH FACILITIES MAY INGLUDE, BUT ARE NOT LIMITED TO, THOSE WHICH HAVE SWIMMING POOLS, OR THAT SELL PREPARED OR PACKAGED FOODS, OR THAT MAY HAVE EQUIPMENT THAT EMITS RADIATION.
- 33. A WAIVER REQUEST OF THE HOWARD COUNTY WATER AND SEMER DESIGN MANUAL, VOLUME IT SECTION 5.4.B.5 CROSSINGS AND CLEARANCES REQUIREMENT OF A MINIMUM TO FOOT HORIZONTAL CLEARANCE BETWEEN ANY PERMANENT STRUCTURE AND THE EDGE OF THE UTILITY FASEMENT WAS APPROVED ON FEBRUARY 14, 2017. SUBJECT TO THE PROPERTY OWNER, ITS SUCCESSORS AND ASSIGNS, ASSUMING FULL RESPONSIBILITY FOR REPAIRS TO THE CONCRETE PAD DUE TO MAINTENANCE OF THE WATER UTILITY.

- NP-05-012 ON AUGUST 20, 2004, WP 05-12 WAS GRANTED, ALLOWING THE FOLLOWING: DEVELOPMENT OR SUBDIVISION IN A CEMETERY (WAIVER FROM SECTION 16.1304)
- REMOVAL OF HUMAN REMAINS FROM A CEMETERY PRIOR TO DEVELOPMENT (WAIVER FROM SECTION 16.1306)

<u>WP-07-122</u> WAIVER REQUEST FROM SECTION 16.146 - REQUIREMENT FOR A PRELIMINARY PLAN PRIOR TO THE PLAT APPROVAL, WAS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING UNDER THE CONDITIONS OF WP-07-122(****), WHICH WAS GRANTED ON JUNE 19, 2007 SUBJECT TO THE FOLLOWING

- I. COMPLIANCE WITH THE SRC COMMENTS ISSUED FOR THE FINAL PLAN, F-07-183 AND THE RED-LINE REVISION OF SDP-05-36. 2. COMPLIANCE WITH THE COMMENTS DATED JUNE 14, 2007 FROM DEVELOPMENT ENGINEERING DIVISION.
 - LADDED PARCEL C-20 TO PURPOSE NOTE APPROVED BECAUSE IT DOES NOT HAVE AN EFFECT ON STORMWATER MANAGEMENT OR APPO 3. THIS PLAN ONLY ALLOWS FOR THE CONSTRUCTION OF AN ADDITION OF A PARKING LOT

- ON AUGUST 8, 2007, MP-08-04 WAS GRANTED TO WAIVE SECTION 16.121(E)(1) WHICH REQUIRES OPEN SPACE LOTS (OPEN SPACE LOTS | THRU 4) TO HAVE A MINIMUM OF 40 FEET OF FRONTAGE ONTO A PUBLIC ROAD FOR ACCESS BY PEDESTRIANS AND MAINTENANCE VEHICLES
- HE APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS: BOLLARD MARKERS OR SOME FORM OF PERMANENT SIGNAGE SHALL BE INSTALLED AT THE PUBLIC OR PRIVATE ROAD FRONTAGES TO IDENTIFY PEDESTRIAN AND VEHICULAR ACCESS TO OPEN SPACE LOTS I THRU 4 AND FOR OPEN SPACE LOTS 2 AND 4 AT THE SWIM ACCESS EASEMENT TO
- IDENTIFY MAINTENANCE VEHICLE ACCESS TO THE SMM FACILITIES. SUBJECT TO THE SRC COMMENTS ISSUED FOR PRELIMINARY PLAN P-07-18.
- THE MINIMUM PUBLIC ROAD FRONTAGE FOR HOA OPEN SPACE LOT 2 SHALL BE INCREASED IN WIDTH FROM THE 19 FEET PRESENTLY PROPOSED ON THE WAIVER BLAN EXHIBIT TO A MINIMUM OF 20 FEET IN WIDTH
- . A 20' NIDE MINIMIM UNRESTRICTED PUBLIC OR PRIVATE ROAD ACCESS MUST BE PROVIDED TO SERVE AS AN ENTRANCEMAY LEADING INTO HOA OPEN SPACE LOT 4 (FUTURE HOA RECREATIONAL BALL FIELDS) TO ACCOMMODATE PEDESTRIAN ACCESS AND PERIODIC ACCESS FOR MAINTENANCE AND
- THE PROCESSING OF THIS WAIVER REQUEST FOR THE MINIMUM OPEN SPACE FRONTAGE REQUIREMENTS FOR OPEN SPACE LOTS I THRU 4 AS SHOWN ON P-07-18 SHALL BE CONSIDERED AS A TEMPORARY DEFERRAL OF THE PUBLIC OR PRIVATE FRONTAGE REQUIREMENT UNTIL THE FINAL SUBDIVISION

PLANNING BOARD OF HOWARD COUNTY

MAY 4, 2017

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

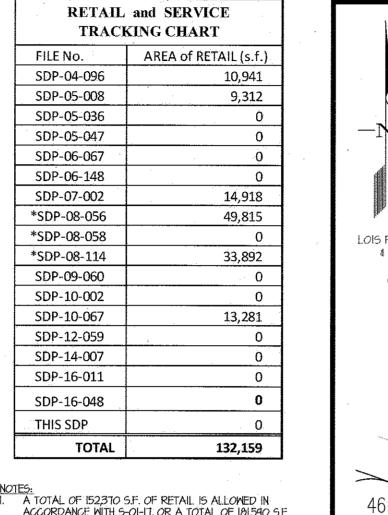
11-16-17 Chief, Development Engineering Division 🧥

\CADD\DRAWNGS\03067\15094\PLANS BY GLW\SDP\15094 (01) CS.dwg | DES. MBT | DRN. KLP | CHK. CKQ

GLWGUTSCHICK 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: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

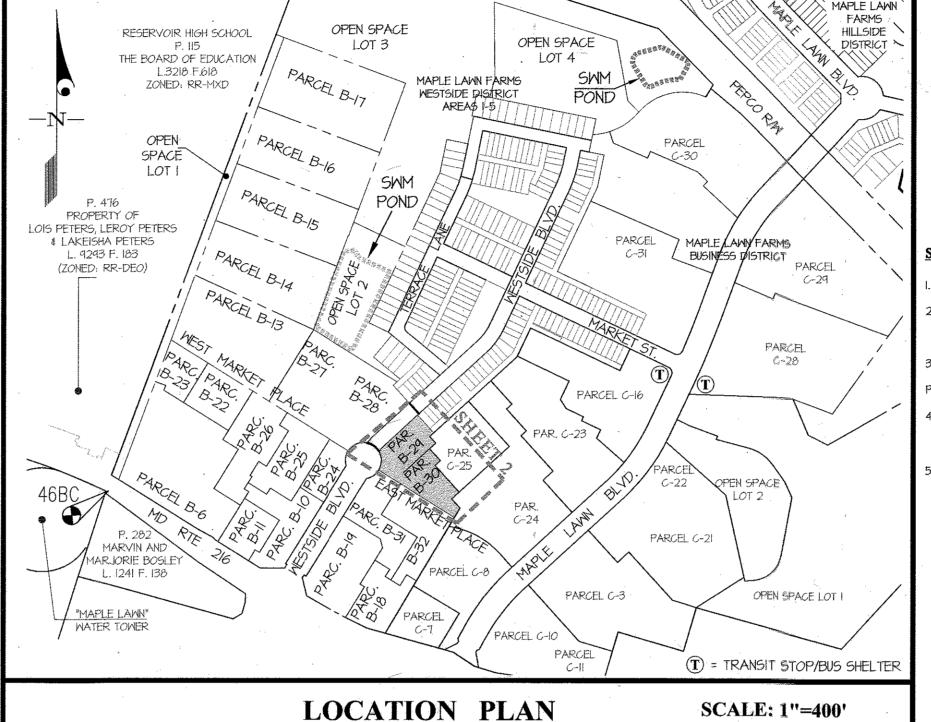
SITE DEVELOPMENT PLAN MAPLE LAWN FARMS Westside District - Area 1

Parcels B-29 and B-30 (Restaurants and/or Retail)



ACCORDANCE WITH S-OI-IT, OR A TOTAL OF 181,590 S.F

- THE WESTSIDE AREA-I SOUTHWEST QUADRANT (West of Westside Blyd, and south of West Market Place) IS COMPRISED OF THE THREE SDPs DENOTED WITH AN ASTERISK (*). THE TOTAL RETAIL AREA IN THIS COMMERCIAL AREA IN THIS SAME QUADRANT IS 112,843 S.F. (which is the sum of the floor areas for SDP-08-056, SDP-08-058 \$ SDP-08-114 shown in the FAR Tracking Chart).
- THE RETAIL TRACKING CHART MUST BE UPDATED IF TENANT SPACE CHANGES USE TO RETAIL FOR THIS SDP.



- 2. SITE DEVELOPMENT PLAN 3. PAVING DELINEATION PLAN / DEMOLITION PLAN AND SITE DETAILS
- 4. SHARED PARKING ANALYSIS 5. SEDIMENT CONTROL PLAN
- 6. SEDIMENT CONTROL NOTES and DETAILS
- 7. STORM DRAIN DRAINAGE AREA MAP
- 8. UTILITY PROFILES
- 9. LANDSCAPE PLAN
- 10. LANDSCAPE NOTES and DETAILS

SITE ANALYSIS DATA

ZONING: MXD-3.

GROSS AREA OF PARCEL B-29 = 33,004± S.F. or 0.76± AC.

LIMIT OF DISTURBED AREA = 1.40 AC. (LIMIT OF PLAN SUBMISSION)

PROPOSED USE: RESTAURANTS and/or RETAIL

BUILDING No. 12A: 7,194 S.F. or 0.17± AC. = 22.4±% OF PARCEL B-29 (0.76± AC.) BUILDING No. 12B: 4,832 S.F. or O.11± AC. = 13.9±% OF PARCEL B-30 (0.79± AC.)

	BLDG. #12A (B-29)		
GROSS FLOOR AREA	7,194± 5. F. (0.17± Ac.)		
PARCEL AREA	0.76± Ac.		
F.A.R.	0.22		
	PLDC #10P /P 301		
SDOCK EL COD ABEA	BLD6. #12B (B-30)		
GROSS FLOOR AREA	BLDG, #12B (B-30) 4,832± S. F. (O.II± Ac.)		
GROSS FLOOR AREA PARCEL AREA			

0.14

COMMERCIAL DEVELOPMENT DESIGN CRITERIA PER S-06-16

HIGHEST ADJOINING GRADE.

<u>PARCEL SIZE</u>
NO MINIMUM OR MAXIMUM PARCEL SIZES APPLY IN THE EMPLOYMENT LAND USE AREAS.

MAXIMUM BUILDING HEIGHT SHALL BE LIMITED TO 120' UNLESS APPROVED TO BE GREATER ON A SITE DEVELOPMENT PLAN BY THE HOWARD COUNTY PLANNING BOARD. ADDITIONALLY, THE FOLLOWING SHALL APPLY:

- . COMMERCIAL BUILDINGS AT THE CORNER OF JOHNS HOPKINS ROAD AND MAPLE LAWN BOULEVARD SHALL NOT EXCEED THREE STORIES.
- COMMERCIAL BUILDINGS EAST OF MAPLE LAWN BOULEVARD AT THE FOCAL POINT SHALL NOT EXCEED FOUR STORIES. . COMMERCIAL BUILDINGS IN THE BUSINESS DISTRICT WITHIN 300 FEET OF MD ROUTE 216 SHALL NOT EXCEED ONE STORY.
- COMMERCIAL BUILDINGS IN THE BUSINESS DISTRICT LOCATED BETWEEN 300 FEET AND 500 FEET FROM MD ROUTE 216 SHALL NOT EXCEED
- . COMMERCIAL BUILDINGS IN THE BUSINESS DISTRICT BEYOND 500 FEET FROM MD ROUTE 216 SHALL NOT EXCEED EIGHT STORIES ABOVE THE HIGHEST ADJOINING GRADE. . COMMERCIAL BUILDINGS IN THE WESTSIDE DISTRICT WITHIN 300 FEET OF MD ROUTE 216 SHALL NOT EXCEED TWO STORIES. . COMMERCIAL BUILDINGS IN THE WESTSIDE DISTRICT BEYOND 300 FEET FROM MD ROUTE 216 SHALL NOT EXCEED FOUR STORIES ABOVE THE

PERMITTED USES THE FOLLOWING USES ARE PERMITTED IN EMPLOYMENT LAND USE AREAS:

EMPLOYMENT USES PERMITTED ONLY WITHIN M-1 ZONING DISTRICT SHALL NOT BE PERMITTED. ALL USES PERMITTED AS A MATTER OF RIGHT IN THE POR, B-1 AND M-1 DISTRICTS, AS PER PETITIONER'S PDP EXHIBIT 78, WITHOUT REGARD TO ANY LIMITATIONS OR RESTRICTIONS ON RETAIL OR PERSONAL SERVICE USES OTHERWISE PERMITTED IN SUCH DISTRICTS; FAST FOOD, CONVENIENCE STORES, COUNTRY CLUBS AND GOLF COURSES, MOVIE THEATERS, LEGITIMATE THEATERS AND DINNER THEATERS, PUBLIC UTILITY USES (EXCLUDING STAND-ALONE COMMUNICATION TOWERS), GROUP CARE FACILITIES, HOUSING FOR THE ELDERLY AND/OR HANDICAPPED PERSONS, NURSING HOMES AND SHELTERED HOUSING. PARCEL A-2 MAY CONTAIN LIVE-WORK UNITS AS DEFINED IN THE OTHER RESIDENTIAL (OR) SECTION. ACCESSORY STRUCTURES AND ACCESSORY USES ARE ALSO

THE FOLLOWING ADDITIONAL USES NOT REFERRED TO OR INCLUDED IN THE ABOVE USES, WHICH ARE ALLOWED BY SPECIAL EXCEPTION IN THE POR. B-1 AND M-1 DISTRICTS, WILL BE PERMITTED AS A MATTER OF RIGHT IN THE EMPLOYMENT LAND USE AREAS, AND ARE SPECIFICALLY APPROVED BY THE PLANNING BOARD ON THIS AMENDED COMPREHENSIVE SKETCH PLAN, PROVIDED, HOWEVER, THAT QUARRIES, TEMPORARY WRECKED VEHICLE STORAGE AND YARD WASTE SHALL NOT BE ALLOWED: • PUBLIC SCHOOL BUILDINGS-TEMPORARY CONVERSION TO OTHER USES

 THEATERS, LEGITIMATE AND DINNER THEATERS, MOVIE

EACILITIES AND OR CONVENIENCE STORE FOOD

- PUBLIC UTILITY USES, LIMITED TO THE FOLLOWING: UTILITY SUBSTATIONS, ABOVE GROUND PIPELINES, PUMPING STATIONS, TELEPHONE STATIONS, AND TELEPHONE EXCHANGES, BUT NO STAND-ALONE COMMERCIAL COMMUNICATIONS TOWERS.
- THE FOLLOWING USE RESTRICTIONS ALSO APPLY: • NO MORE THAN 15% OF THE TOTAL EMPLOYMENT LAND USE AREA MAY BE DEVOTED TO WAREHOUSE AND LIGHT MANUFACTURING USES. CEMETERIES, MAUSOLEUMS & CREMATORIUMS ARE NOT PERMITTED . A MAXIMUM OF ONE GASOLINE SERVICE STATION IS PERMITTED. THE GASOLINE SERVICE STATION MAY INCLUDE A CAR WASH, CAR REPAIR
- NO SINGLÉ RETAIL CENTER SHALL CONTAIN MORE THAN 150,000 SQUARE FEET OF GROSS FLOOR AREA DESIGNATED FOR USE BY RETAIL AND PERSONAL SERVICE BUSINESSES. DESIGNATED RETAIL CENTERS MAY INCLUDE RETAIL STORES, PERSONAL SERVICE ESTABLISHMENTS, AND SIMILAR USES, AS WELL AS FAST FOOD RESTAURANTS AND A GASOLINE SERVICE STATION; HOWEVER FOR ALL RETAIL CENTERS THE TOTAL SQUARE FOOT AREA WHICH MAY BE USED FOR RETAIL AND PERSONAL SERVICE BUSINESS SHALL NOT EXCEED 181,590 (300 SQUARE FEET PER GROSS ACRE). NO INDIVIDUAL RETAIL ESTABLISHMENT WITHIN THE MXD-3 DISTRICT SHALL HAVE A GROSS FLOOR AREA GREATER THAN 65.000 SOUARE FEET. RETAIL AND PERSONAL SERVICES AND OTHER ALLOWED USES, SUCH AS RESTAURANTS AND A GASOLINE SERVICE STATION MAY ALSO BE LOCATED WITHIN OTHER DESIGNATED EMPLOYMENT AREAS OUTSIDE OF A RETAIL CENTER.

PREPARED FOR:

G&R WESSEL, LLC. (Owner/Developer)

SUITE 300 WOODHOLME CENTER

1829 REISTERSTOWN RD

BALTIMORE, MD 21208

ATTN: MARK BENNETT

410-484-8400

SECTION 128.F SHALL APPLY TO EMPLOYMENT LAND USE AREAS.

COVERAGE. NO COVERAGE REQUIREMENT IS IMPOSED IN EMPLOYMENT LAND USE AREAS.

REVISION

FLOOR AREA RATIO (FAR)
OVERALL LIMIT IS 0.35 CALCULATED ON THE TOTAL ACREAGE FOR ALL EMPLOYMENT LAND USE AREAS.

BY APP'R

SETBACKS (ALSO SEE "PROJECT BOUNDARY SETBACKS")

- THE MINIMUM SETBACK FOR EMPLOYMENT/COMMERCIAL STRUCTURES SHALL BE AS FOLLOWS 50' FROM THE BOUNDARY LINE ALONG JOHNS HOPKINS ROAD OR ROUTE 216
- 10' FROM THE RIGHT-OF-WAY OF MAPLE LAWN BOULEVARD • NO SETBACK IS REQUIRED FROM THE RIGHT-OF-WAY OF ANY INTERNAL PUBLIC OR PRIVATE ROADS OTHER THAN FOR MAPLE LAWN BOULEVARD AS
- 10' FROM ANY OTHER PROPERTY LINE

- 15' TO PUBLIC RIGHT-OF-WAY OF MAPLE LAWN BOULEVARD (EXCEPT FOR PARALLEL PARKING ADJACENT TO ROADWAY)
- . 10' TO ANY OTHER PROPERTY OR BOUNDARY LINE (EXCEPT FOR PARALLEL PARKING ADJACENT TO ROADWAY, OR WHERE A PARCEL LINE LIES WITHIN A USE-IN-COMMON PARKING AREA SERVING MULTIPLE PARCELS.)
- 20' TO PROJECT BOUNDARY LINE ALONG JOHNS HOPKINS OR ROUTE 216

STRUCTURES MAY BE LOCATED ANYWHERE WITHIN SETBACK AREAS IN ACCORDANCE WITH A SITE DEVELOPMENT PLAN APPROVED BY THE HOWARD COUNTY PLANNING

EXCEPT FOR THE FOLLOWING, SECTION 128.A.1 APPLIES:

A. BAY WINDOWS, EAVES, FRENCH BALCONIES, PORTICOS, CORNICES, AWNINGS, SIGNS, AND SIMILAR ARCHITECTURAL ELEMENTS MAY ENCROACH FULLY INTO ANY B. ARCADES MAY ENCROACH INTO ANY SETBACK TO WITHIN 1' OF THE PROPERTY LINE. WHERE SUCH ARCADES ARE PROPOSED, THE FRONT FAÇADE MAY ALIGN,

a. A MINIMUM OF FIVE PARKING SPACES SHALL BE PROVIDED FOR EACH 1,000 SQUARE FEET OF NET LEASABLE AREA DEVOTED TO COMMERCIAL RETAIL SALFS USES. b. A MINIMUM OF 3.3 PARKING SPACES SHALL BE PROVIDED FOR EACH 1,000 SQUARE FEET OF NET LEASABLE AREA THAT IS DEVOTED TO OFFICE OR RESEARCH NO PARKING REQUIREMENT IS IMPOSED UPON ANY RESTAURANT, COFFEE SHOP OR SIMILAR FACILITY CONSTRUCTED WITHIN BUILDINGS WHICH PRIMARILY SERVES

VERTICALLY, WITH THE FRONT OF THE ARCADE, THEREBY REDUCING THE REQUIRED FRONT SETBACK ACCORDINGLY. AN ARCADE IS AN ARCHED BUILDING, OR

PORTION OF A BUILDING, OR GALLERY OFTEN COVERED WITH A ROOF STRUCTURE OR BUILDING SUPPORTED BY A SERIES OF ARCHES AND/OR COLUMNS ON PIERS.

ONE PARKING SPACE SHALL BE PROVIDED FOR EACH TWO BEDS IN ANY HOSPITAL OR CLINIC: ONE PARKING SPACE SHALL BE PROVIDED FOR EACH EMPLOYEE ON

TENANTS AND EMPLOYEES OF SUCH BUILDINGS, OR NEIGHBORING BUILDINGS ACCESSIBLE BY PEDESTRIANS. ONE PARKING SPACE SHALL BE PROVIDED FOR EACH BEDROOM CONTAINED WITHIN ANY HOTEL, INN OR SIMILAR FACILITY AND ONE PARKING SPACE SHALL BE PROVIDED FOR EACH FIVE EMPLOYEES OF SUCH FACILITY. e. ONE PARKING SPACE SHALL BE PROVIDED FOR EACH THREE SEATS WITHIN ANY RESTAURANT, COFFEE SHOP OR SIMILAR FACILITY CONSTRUCTED WITHIN A HOTEL, INN OR SIMILAR FACILITY OR AS A FREESTANDING STRUCTURE AND ONE PARKING SPACE SHALL BE PROVIDED FOR EACH FIVE EMPLOYEES OF ANY SUCH FACILITY.

A MAJOR SHIFT; AND EIGHT PARKING SPACES SHALL BE PROVIDED FOR EACH DOCTOR TREATING OUTPATIENTS ON A MAJOR SHIFT.

- q. INDUSTRIAL USES: 'FLEX' SPACE (INDUSTRIAL/OFFICE) OTHER INDUSTRIAL
- 0.5 SPACES PER 1,000 SQUARE FEET OF NET LEASABLE AREA 2.5 SPACES PER 1,000 SOUARE FEET OF NET LEASABLE AREA 2.0 SPACES PER 1,000 SQUARE FEET OF NET LEASABLE AREA

RECREATIONAL USES:

PROFESSIONAL CERTIFICATION

HEREBY CERTIFY THAT THESE PLANS

WERE PREPARED OR APPROVED BY

PROFESSIONAL ENGINEER UNDER THE

LAWS OF THE STATE OF MARYLAND,

LICENSE NO. 12975

XPIRATION DATE: MAY 26, 2018

ME. AND THAT I AM A DULY LICENSED

HEALTH CLUB SWIMMING POOL. COMMUNITY TENNIS COURT

DIAGONALLY OR AT RIGHT ANGLES TO SUCH ROADWAYS, IN AND/OR OUT OF THE PUBLIC R/W.

10.0 SPACES PER 1,000 SQUARE FEET OF NET LEASABLE AREA 1.0 SPACE PER SEVEN PERSONS PERMITTED IN THE POOL AT ONE TIME BY THE DEPT. OF HEALTH

"NET LEASEABLE AREA" IS DEFINED AS 90% OF THE GROSS FLOOR AREA (AFTER DEDUCTING ANY FLOORS DEVOTED TO STORAGE AND COMMON USES), UNLESS A MORE PRECISE VALUE IS DETERMINED BY REDUCING THE GROSS FLOOR AREA BY AREAS DEVOTED TO PARKING, VEHICULAR CIRCULATION, OFFICE BUILDING STORAGE AREAS, EQUIPMENT AND MECHANICAL ROOMS/AREAS, LOCKER AND SHOWER FACILITIES, ENTRANCE FOYERS/ATRIA, AND SIMILAR AREAS. REQUIRED MINIMUM PARKING FOR ALL SUCH COMMERCIAL AND EMPLOYMENT USES SHALL BE MET OFF-STREET. ADDITIONAL PARKING MAY BE ACCOMMODATED ON-STREET, IN PARALLEL PARKING WITHIN PUBLIC ROAD RIGHTS-OF-WAY, PARALLEL SPACES LOCATED ON PAVED AREAS ADJACENT TO PUBLICLY MAINTAINED ROADWAYS OR ORIENTED

REDUCTIONS IN PARKING REQUIREMENTS ARE PERMITTED PURSUANT TO THE HOWARD COUNTY ZONING REGULATIONS SECTIONS 133.D.8 (PARKING STUDIES), 133.E.1 (SHARED PARKING) AND 133.E.2 (TRIP REDUCTION PLANS).

> COVER SHEET MAPLE LAWN FARMS WESTSIDE DISTRICT - AREA 1 Parcel B-29 and B-30 (Restaurant and/or Retail) PLAT Nos. 20773-20774 and 24247-24248

FARMS, MIDTOWN WEST DISTRICT MIDTOWN DISTRICT HILLSIDE

VICINITY MAP ADC MAP 39

DPZ File Numbers	MLF District	Parcel Area (ac. /s.f.)		Gross Floor Area (s.f.)	F.A.R	
SDP-04-44 (Office Bldg-1)	Business	4.40	191,550	93,945	0.49	
SDP04-96 (Retail Bldg-1 and Bank)	Business	3.17	137,933	24,088	0.17	
SDP-05-08 (Retail Bldg-2 and Gas Station)	Business	3.20	139,520	22,218	0.16	
SDP-05-36 (Office Bldg-2, Par. C-24)	Business	3.99	173,818	93,945	0.54	
SDP-05-47 (Office Bldg-3, Par. C-21 and Bank, Par. C-22)	Business	5.58	243,230	123,740	0.51	
SDP-06-67 (Office Bldg-4, Par. C-23)	Business	3.49	152,117	100,288	0.66	
SDP-06-148 (Medical and Office Buildings)	Midtown	8.54	371,950	134,759	0.36	
SDP-07-02 (Bank, School, Retail & Restaurant)	Midtown	7.36	320,659	47,133	0.15	
SDP-08-56 (Harris Teeter Grocery Store, Par. B6)	Westside	4.24	184,615	49,815	0.27	
SDP-08-058 (Bank, Parcel B-11)	Westside	0.80	34,895	4,454	0.13	
SDP-08-114 (Parcels B-7 thru B-10 and B-22 & B-26)	Westside	6.51	283,685	58,574	0.21	
SDP-09-060 (Parcels B-13 thru B-17)	Westside	17.06	743,157	210,100	0.28	
SDP-10-002 (Office Bldg-2A, Par. C-25)	Business	1.54	66,954	34,375	0.51	
SDP-10-067 (Parcels B-18 thru B-21)	Westside	5.40	235,402	52,531	0.22	
SDP-12-059 (Office-6, Parcel C-28)	Business	6.00	261,261	139,421	0.53	
SDP-14-007 (Office-8, Parcel C-29)	Business	5.73	249,400	130,629	0.52	
SDP-16-011 (Office Bldg-10, Parcel C-22)	Business	4.35	189,537	104,412	0.55	
SDP-16-048 (Office-9, Parcel C-33)	Business	3.97	172,926	102,263	0.59	
SDP-16-007 (Hotel Bldg-14 & Office Bldg-15)	Westside	3.63	158,063	108,675	0.69	
SDP-17-011 (Bldg-12a & Bldg12b)	Westside	1.55	67,385	12,026	0.18	
Employment Area Recorded as Road R/W	1,11 (V) 17 () , 1 (V) 17 (V) 1, 18 (V) 1, 18 (V) 21.	13.28	578,314	0	0.00	
Running Sub-total		113.79	4,956,371	1,647,391	0.33	
Total Area Allowed to be Recorded as Employment		122.00		1,860,012	0.35	
TOTAL REMAINING EMPLOYMENT AREA (acres)		8.21	10 to			

NAD83 HORIZONTAL DATA # NVD88 VERTICAL DATA

STANDARD DISC ON CONCRETE MONUMENT

N = 539,925.13 E=1,337,205.77

N = 538,656.76 E=1.339,461.55

ELEV. = 472.16

ELEV. = 431.17

THE MAXIMUM TOTAL FLOOR AREA PERMITTED PER 5-06-16 IS 1,860,012 S.F. (0.35 FAR) WHICH IS 35% OF 122.0 ACRES.

NOTE: SEE SHEET 4 FOR PARKING TABULATION / ANALYSIS DETAILS.

ADDRESS and PERMIT INFORMATION CHART BUILDING-12A (PARCEL B-29) 11705 EAST MARKET PLACE BUILDING ADDRESS: 11715 EAST MARKET PLACE BUILDING-12B (PARCEL B-30) SUBDIVISION NAME: SECTION/AREA PARCEL MAPLE LAWN FARMS B-29 & B-30 WESTSIDE DISTRICT/AREA I TAX MAP PLAT Nos. ELEC. DIST. CENSUS TRACT 20773-20774 \$ 24247-24248 | MXD-3 3 \$ 4 6051.02

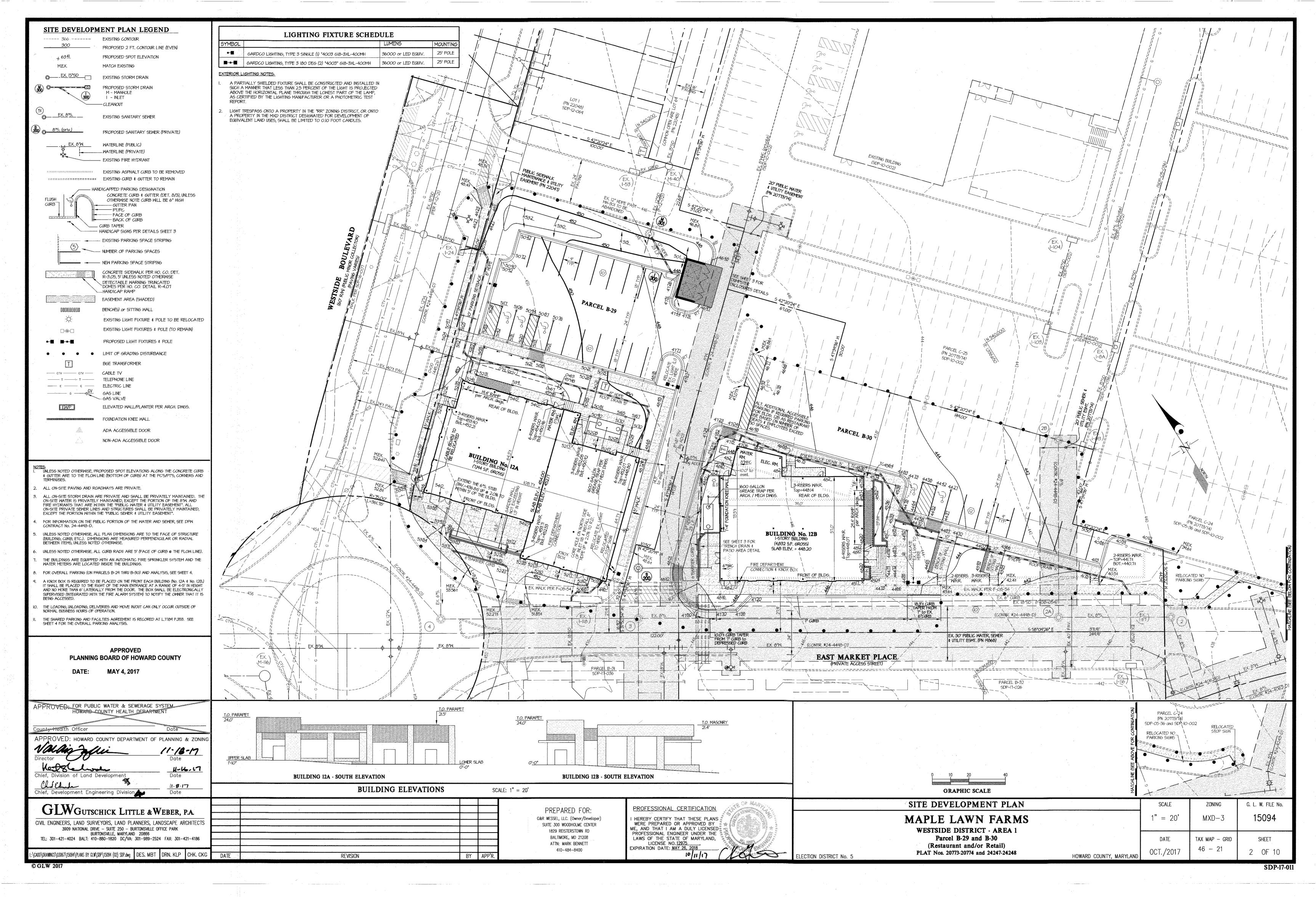
SEWER CODE: WATER CODE: G. L. W. FILE No. SCALE AS SHOWN TAX MAP - GRII

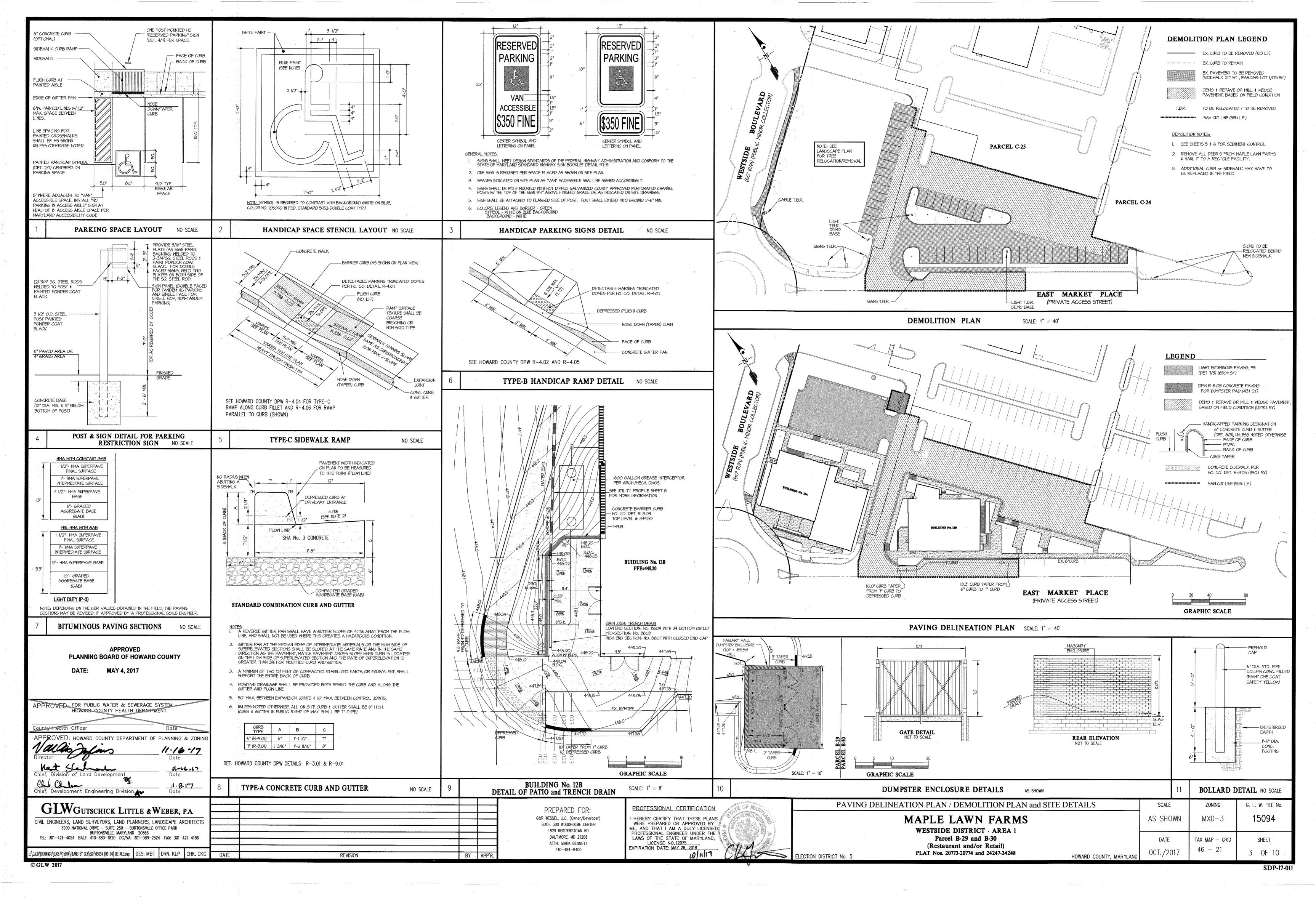
HOWARD COUNTY, MARYLAND

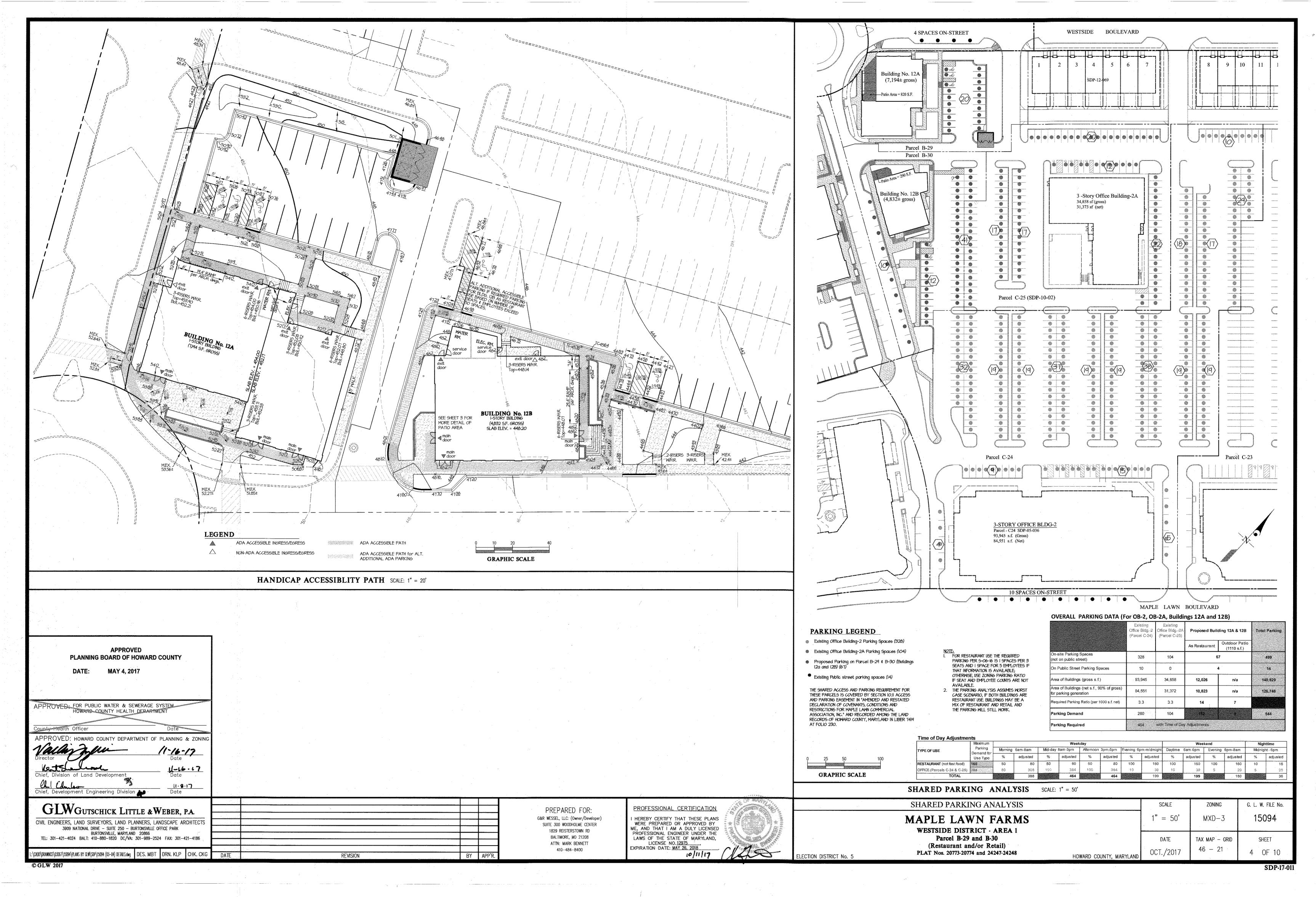
ELECTION DISTRICT No. 5

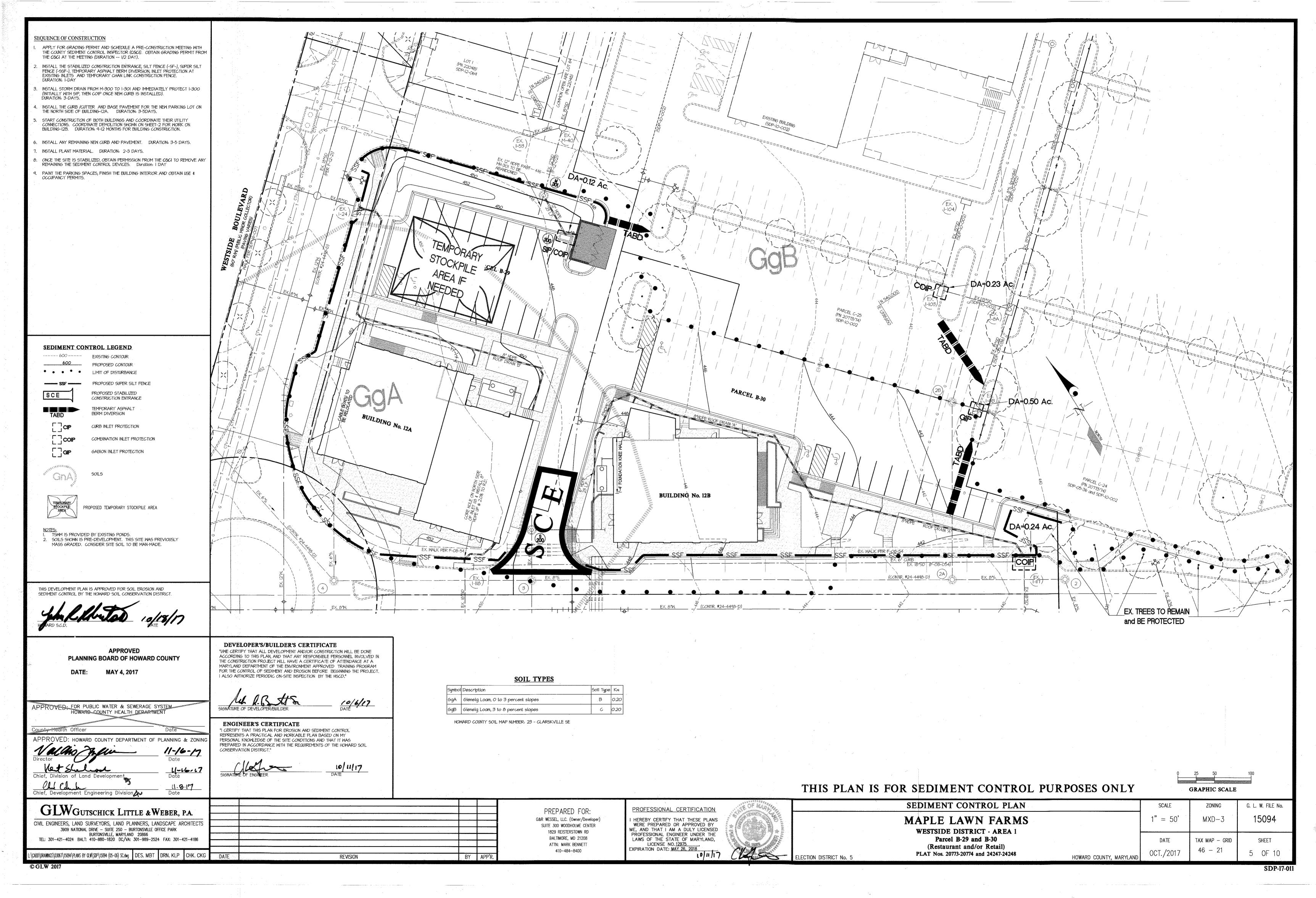
SDP-17-011

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B-4-2 STANDARD AND SPECIFICATIONS FOR SOIL B-4-3 STANDARDS AND SPECIFICATIONS FOR B-4-4 STANDARDS AND SPECIFICATIONS DETAIL B-1 STABILIZED CONSTRUCTION FOR TEMPORARY STABILIZATION **B-4-5 STANDARDS AND SPECIFICATIONS** PREPARATION, TOPSOILING, AND SOIL AMENDMENTS SEEDING and MULCHING SEDIMENT CONTROL NOTES SCE. DETAIL E-3 SUPER SILT FENCE ENTRANCE FOR PERMANENT STABILIZATION <u>DEFINITION</u> <u>DEFINITION</u> A PRE-CONSTRUCTION MEETING MUST OCCUR WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTION DIVISION (CID), 410-313-1855 AFTER THE FUTURE LOD AND PROTECTED AREAS ARE MARKED MOUNTABLE BERM (6 IN MIN.) THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER. THE PROCESS OF PREPARING THE SOILS TO SUSTAIN ADEQUATE VEGETATIVE STABILIZATION TO STABILIZE DISTURBED SOILS WITH VEGETATION FOR UP TO 6 MONTHS. EXISTING GROUND — TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION. A MINIMUM OF 48 HOUR NOTICE TO CID MUST BE GIVEN <u>PURPOSE</u> TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF b. UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, c. PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING -PIPE (SEE NOTE 6) TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS. CONSTRUCTION. PROFILE TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER CONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR CONDITIONS WHERE PRACTICE APPLIES on disturbed soils. A PERIOD OF 6 MONTHS OR LESS. FOR LONGER DURATION OF TIME, PERMANENT STABILIZATION CONDITIONS WHERE PRACTICE APPLIES GALVANIZED CHAIN LINK FENCE WIT WOVEN SUT FILM GEOTEXTILE WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED. PRACTICES ARE REQUIRED. CONDITIONS WHERE PRACTICE APPLIES d. PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING. ELEVATION EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE. OTHER RELATED STATE AND FEDERAL PERMITS SHALL BE REFERENCED, TO ENSURE COORDINATION AND TO AVOID CONFLICTS WITH THIS PLAN. SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.1 FOR THE A. SOIL PREPARATION WOVEN SUIT FILM GEOTEXTILE-APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3), AND ENTER THEM IN THE FLOW SEED MIXTURES SEEDING PLAN VIEW TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES. SEEDING DATES EMBED GEOTEXTILE AND— CHAIN LINK FENCE 8 IN MIN, INTO GROUND L VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN. MEANS OF SUITABLE ACRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS (SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THERETO. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 3 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 7 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE CROSS SECTION FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES B CONSTRUCTION SPECIFICATIONS PLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE L SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW, THE TESTING AGENCY SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADRUS. LOOSENED. IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED ALL SEED MUST BE SUBJECT TO RE—TESTING BY A RECOGNIZED SEED CONDITION OF PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S). APPLICATION INSTALL 2% BIGH DIAMETER CALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACES NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 38 INCHES INTO THE GROWNIO. CONDITION, SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND LABORATORY, ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS RATES. AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SÚMMARY IS TO MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN SECTION B-4-3.A.1.B AND MAINTAIN IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT BE PLACED ON THE PLAN. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE, PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOQUITABLE BERM WITH 5-1 SLOPES AND A MINIMALM OF 12 NOVES OF STORIO OVER THE PIPE, PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN, WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAG TO CORVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT. APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS. REFER TO TABLE B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE UNTIL THE NEXT SEEDING SEASON. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES. . Fasten 9 Gasse or heavier galvanized chain link fence (2% inch maximum opening) 42 inches in height securely to the fence posts with wire ties or hug rings, INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC OTHER SUITABLE MEANS REATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, SECTION 342 FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR D. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES TEMPORARY STABILIZATION IS REQUIRED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 . PERMANENT STABILIZATION TEMPORARY SEEDING SUMMARY PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIAL . WHERE EMBS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS. ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWS. FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOU RÉBAR) AT LEAST 6 INCHES DÉEP OVER THE LENGTH AND WIDTH OF THE SCE. a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM RECOMMENDED BY THE SOIL TESTING AGENCY. HARDINESS ZONE: 6 EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE EIGHT SUPER SILT FENCE. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY . MANTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERN, AND SPECIFED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/ON SEDMENT SPILLED, DROPPED, OR TRACKED CHTO ADJACENT ROADWAY BY VACIJAINING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAYMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE. SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE: FERTILIZER FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3 SEED MIXTURE: 1/2 POUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING RATE PROMDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING TO GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS. FOR THE SPECIES. INOCULANTS MUST NOT BE USED LATER THAN THE I I. SOIL PH BETWEEN 6.0 AND 7.0. IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY. INDICATED ON THE CONTAINER, ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE, USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING, NOTE: SEEDING SPECIES RATE (lb/ac.) DATES ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND II. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM). T IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA III. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (Sec 40 lb/ac 0.5 INCHES 436 lb./ac. MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND RYEGRASS Aug. 1 to Oct. 15 ND MAKE THE INOCULANT LESS EFFECTIVE U.S. DEPARTMENT OF ACRICULTURE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT ATURAL RESOURCES CONSERVATION SERVICE 2011 WATER MANAGEMENT ADMINISTRATION (CREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A (10 lb.)(90 lb., B-4-2), PERMANENT SEEDING (Sec.B-4-5), TEMPORARY SEEDING (SEC. B-4-4 U.S. DEPARTMENT OF AGRICULTURE RAL RESOURCES CONSERVATION SERVICE WARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH AND MULCHING (SEC. B=4=3). TEMPORARY STABILIZATION WITH MULCH ALO CAN ONLY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES IF 1,000 sf) 1.000 sf) SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME May 16 to July 31 0.5 INCHES 20 lb/ac SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE. DETAIL E-9-6 COMBINATION INLET DETAIL E-9-6 COMBINATION INLET GROUND IS FROZEN. INCREMENTAL STABILIZATION (SEC. B-4-1) SPECIFICATIONS HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PROTECTION SHALL BE ENFORCED IN AREAS WITH >15'OF CUT AND/OR FILL, STOCKPILES (SE PROTECTION IV. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT. APPLICATION B-4-8) IN EXCESS OF 20 FT. MUST BE BENCHED WITH STABLE OUTLET. ALL CONCENTRATED FLOW, STEEP SLOPE, AND HIGHLY ERODIBLE AREAS SHALL V. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION. CONSTRUCTION SPECIFICATIONS . DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST **B-4-8 STANDARDS AND SPECIFICATIONS** I. USE NOWING 2 INCH x 4 INCH LUMBER. RECEIVE SOIL STABILIZATION MATTING (SEC. B-4-6). OF 2 IN x 4 IN KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN AREAS THAT RECEIVE APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO NOT MEET THE 2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 WATERIALS. FOR STOCKPILE AREA INTENSIVE MANAGEMENT, IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE, AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED OF LIFT GRATE, AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS, THEN SET GRATE BACK BY PLACE. AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR BEEN OBTAINED FROM THE CID. GRADED AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIFIED ON THE SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF ATTACH A CONTINUOUS PIECE OF & INCH CALVANIZED HARDWARE CLOTH WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OFENING, TO THE 2X4 WEIR EXTENDIBLE 2 FEET BEYOND THROAT ON EACH SIDE. SITE—SPECIFIC SEEDING SUMMARIFS HREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER, APPLY A MOUND OR PILE OF SOIL PROTECTED BY APPROPRIATELY DESIGNED EROSION AND SITE ANALYSIS: PERCENT OF THE TOTAL MIXTURE BY WEIGHT. E SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDED AREA WITH A PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH IT TO THE WEIR. SEDIMENT CONTROL MEASURES. . APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT. TOTAL AREA OF SITE 1.55± AC. 5. NAIL THE 2014 WEIR TO THE TOP OF A 9 INCH LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE SILET FACE (MAXIMUM 4 FEET APART). KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN TO PROVIDE A DESIGNATED LOCATION FOR THE TEMPORARY STORAGE OF SOIL THAT & IN HARDWARE CLOTH-AREA DISTURBED : 1.40± AC. AREAS WHERE RAPID ÉSTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND MAIL TO 2X4 ANCHORS (MINIMUM 2 FOO LENGTHS OF 2x4 MICH TO THE TOP OF THE WEIR AT SPACER LOCATIONS), EXTEND 2X4 ANCHORS ACKOSS THE WELT TOP AND HOLD IN PLACE BY SANCHAGS OF OTHER APPROVED ANCHORING S IN OVERLAP-CONTROLS THE POTENTIAL FOR EROSION, SEDIMENTATION, AND CHANGES TO DRAINAGE MEDIUM TO INTENSIVE NANAGEMENT, CERTIFIED PERENNIAL RYEGRASS AREA TO BE ROOFED OR PAVED WIRE TIES-MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY : 1.10± AC. CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER NONWOVEN GEOTEXTILE AREA TO BE VEGETATIVELY STABILIZED : 0.30± AC. CONDITIONS WHERE PRACTICE APPLIES FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED R. INSTALL FIND SPACERS A MINIMUM OF 1 FOOT BEYOND BOTH ENDS OF THE THROAT OPENING 1000 SQUÁRE FEET, CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE SOIL FOR MUST BE FIRM AFTER PLANTING. 9. FORM THE % 890H HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN \$10.0% INCH STONE OR EQUIVALENT RESPOSED CONCRETE OVER THE HARDWARE CLOTH AND GEOTEXTILE IN SUCH A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE. WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT. TOTAL CUT CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER, APPLY SECTION PURPOSES ONLY. TOTAL FILL : 1,000± CY* HALF THE SEEDING RATE IN EACH DIRECTION. TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGHT CONTRACTOR TO G. AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET OFF-SITE WASTE/BORROW VERIFY ACTUAL LOOSE AND FRIABLE, SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS : NONE PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES 6 FT MAX. SPACING OF 2 IN x 4 IN SPACERS AREA LOCATION CLEARLY INDICATED ON THE RECOMMENDED MIXTURE INCLUDES; CERTIFIED TALL FESCUE CULTIVARS 95 TO 100 PERCENT, CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 0 TO 5 PERCENT. SEEDING FROSION AND SEDIMENT CONTROL PLAN. 3. TOPSOILING EDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE. RATE: 5 TO 8 POUND'S PER 1000 SQUARE FEET. ONE OR MORE CULTIVARS MAY BE ANTICIPATED VOLUME OF MATERIAL TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS), 200 POUNDS PER ACRE; AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. K20 (POTASSIUM), 200 POUNDS PER ACRE. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE CID. THE SITE AND ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY: AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF EVERY INSPECTION AND SHALL BE ADDEDUCED. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHADE WITH SECTION B-3 LAND GRADING. TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION. ACRE MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE TIME. DO NOT USE BURNT OR & IN GALVINIZED HARDWARE CLOTH RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL IN BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGED 1_2 8∜ x 4 IN WEIR TURF AREA, MIXTURE INCLUDES: CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED 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 REPRESENTATIVE SOIL PROFILE SECTION IN THE GRATE WRAPPED -ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE. EVERY INSPECTION AND SHOULD INCLUDE: 40 PERCENT AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATE: MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A 1/2 TO 3 POUNDS PER 1000 SQUARE FEET. INSPECTION DATE NTERRUPTION INSPECTION TYPE (ROUTINE, PRE-STORM EVENT, DURING RAIN EVENT) NAME AND TITLE OF INSPECTOR SOIL SURVEY PUBLISHED BY USDA-NRCS. DIVERSION DEVICE SUCH AS iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL. AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE: • WEATHER INFORMATION (CURRENT CONDITIONS AS WELL AS TIME AND AMOUNT MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY OF LAST RECORDED PRECIPITATION) BRIEF DESCRIPTION OF PROJECT'S STATUS (E.G., PERCENT COMPLETE) AND/OR CURRENT ACTIVITIES EWIDENCE OF SEDIMENT DISCHARGES IDENTIFICATION OF PLAN DEFICIENCIES IDENTIFICATION OF SEDIMENT CONTROLS THAT REQUIRE MAINTENANCE IDENTIFICATION OF MISSING OR IMPROPERLY INSTALLED SEDIMENT CONTROLS COMPLIANCE STATUS REGARDING THE SEQUENCE OF CONSTRUCTION AND STABILIZATION REQUIREMENTS. OF MARYLAND PUBLICATION, ACRONOMY MEMO #77, "TURFGRASS CULTIVAR TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL APPROPRIATE EROSION/SEDIMENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MULCH MATERIALS (IN ORDER OF PREFERENCE) THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE. U.S. DEPARTMENT OF AGRICULTURE VATURAL RESOURCES CONSERVATION SERVICE 2011 WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT URAL RESOURCES CONSERVATION SERVICE 2011 WATER MANAGEMENT ADMINISTRATION SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION CHOOSE CERTIFIED MATERIAL, CERTIFIED MATERIAL IS THE BEST GUARANTEE OF 1. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND CULTIVAR PURITY, THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF REQUIREMENT AS WELL AS REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY DETAIL E- 9-1 STANDARD INLET PROTECTION DETAIL F- 9-1 STANDARD INLET PROTECTION DECAYED, OR EXCESSIVELY DUSTY, NOTE: USE ONLY STERILE STRAW MULCH IN STABILIZATION REQUIREMENTS AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER SHOULD BE AREAS WHERE ONE SPECIES OF GRASS IS DESIRED PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES MONITORING/SAMPLING TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD MAINTENANCE AND/OR CORRECTIVE ACTION PERFORMED OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING. WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: 5B, TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, OR LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT B EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE ENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 6B STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (NPDES, MDE). FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE CHOCKED AT EACH CORNER OF THE INLET, PLACE NAIL STRIPS BETWEEN THE POSTS ON THE THAT WILL PROVIDE AN APPROPRIATE COLOR VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY. APPROPRIATE COLOR TO FACILITATE IN UITE, MENUARY AT LACH CONNER OF THE INLET. PLACE NAIL, STRPS BETWEEN THE POSTS ON TO ENDS OF THE PILET, ASSAMILE THE 10P PORTION OF THE 224 FRANKE AS SHOWN, STRETCH & ROAD AND LANGUAGE CLOTH THE PRINT AROUND THE FRANKE AND FASTEN SECURELY. FASTEN ECCURSTLY OF THE HARDWARE CLOTH WITH THE SPACE VERY 24 ANDESS AT THE TOP AND MED SECURELY TO THE HARDWARE CLOTH WITH THE SPACE VERY 24 ANDESS AT THE TOP AND MED SECTION. EMBED GEOTESTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WERN CREST, THE ENDS OF THE GEOTESTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST. THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE SOUTHERN MD, EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN AND SHALL BE BACK-FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER. A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCEN VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITIN BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1.5 INCHES IN DIAMETER. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO. THE STOCKPILE AREA MUST BE KEPT FREE OF FROSION IF THE VERTICAL HEIGHT OF A STOCKPILE III. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF -16 IN MIN. -NOTCH ELEVATION MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 2 TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED, REMOVE O. ANY MAJOR CHANGES OR REVISIONS TO THE PLAN OR SEQUENCE O b. TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING TONES AND DEBRIS OVER 1:1/2 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST B CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE HSCD PRIOR TO PROCEEDING WITH CONSTRUCTION, MINOR REVISIONS MAY ALLOWED BY THE CID THE FENCE POSTS WITH WIRE TIES: FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIESS PACED EXERY 24 INCHES AT THE TOP HAID WIS DECITION, EMBED GEOTEXTILE AND CHAIN LIN FENCE A MARKASIN OF 18 INCHES BELOW THE WER CREST. QUACK GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIE --- NAILING STREP FRANCIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY THE IN SUCH CONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY PER THE LIST OF HSCD-APPROVED FIELD CHANGES. MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER. ON TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTICH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES. APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES OIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS. DISTURBANCE SHALL NOT OCCUR OUTSIDE THE L.O.D. A PROJECT IS TO BE GROWTH (1/2 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN LIEU OF NATURAL TOPSOIL. SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM STANDARDS AND SPECIFICATIONS WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO—TOXIC. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE CID. UNLESS OTHERWISE SPECIFIED AND APPROVED BY HSCD, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME. TOPSOIL APPLICATION THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE SITES. FOR DUST CONTROL TYPE A TYPE B EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL. UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPACT TO A MINIMUM THICKNESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNER THAT SODDING DEFINITION CONTROLLING THE SUSPENSION OF DUST PARTICLES FROM CONSTRUCTION ACTIVITIES. ISOMETRIC VIEW PERMANENT SEEDING SUMMARY APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM. OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS MUST BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER HARDINESS ZONE: 61 WASH WATER FROM ANY EQUIPMENT, VEHICLES, WHEELS, PAVEMENT, AND OTHER SOURCES MUST BE TREATED IN A SEDIMENT BASIN OR OTHER APPROVED PURPOSE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND SEED MIXTURE: #9 (Tall Fescue/ Kentucky Bluegrass) OFF-SITE DAMAGE INCLUDING HEALTH AND TRAFFIC HAZARDS. RATE SEEDING | DEPTHS | (10-20-20) | RATE APPLICATION ! TOPSOIL SHALL BE STOCKPILED AND PRESERVED ON-SITE FOR REDISTRIBUTION ONTO FINAL GRADE. TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION. SPECIES <u>CONDITIONS WHERE PRACTICE APPLIES</u> AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT DATES RATE a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING. b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE *Certified Tall Fescue blend ALL SILT FENCE AND SUPER SILT FENCE SHALL BE PLACED ON-THE-CONTOUR, AND BE IMBRICATED AT 25 MINIMUM INTERVALS, WITH LOWER ENDS CURLED UPHILL BY 2' IN ELEVATION. OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY (95% by weight): Falcon IV, . SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS) MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL Penn 1901 & Rebel Exeda 6-8 lb/ Mar. 1 to May 15, 1/4 - 1.0 lb/ 1000 90 lb/ SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE TH APPLICATION RATE TO 2.5 TONS PER ACRE. Aug. 15 to Oct. 15 1/2 IN. s.f. 1000 s. SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. SOIL ANALYSIS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. 1000 s.f. and MULCHES: SEE SECTION B-4-2 SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS, SECTION . STREAM CHANNELS MUST NOT BE DISTURBED DURING THE FOLLOWING RESTRICTED WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT OF 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO Certified Kentucky Bluegrass (45 lb/acre) SECTION FOR TYPE A AND E B-4-3 SEEDING AND MULCHING, AND SECTION B-4-4 TEMPORARY STABILIZATION, MULCH MUST BE TIME PERIODS (INCLUSIVE): USE I AND IP MARCH 1 — JUNE 15 USE III AND IIIP OCTOBER 1 — APRIL 30 USE IV MARCH 1 — MAY 31 blend (5% by weight): ANCHORED TO PREVENT BLOWING ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER Courtyard, Raven & Yankee VEGETATIVE COVER: SEE SECTION B-4-4 TEMPORARY STABILIZATION. PER 100 GALLONS OF WATER. TILLAGE: TILL TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE, BEGIN PLOWING ON FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE APPLICATION BY APPROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO THE SITE FULLY LABELED ACCORDING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER: WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED S. DEPARTMENT OF AGRICULTURE 2011 WARPLAND DEPARTMENT OF ENVIRONMENT ADMINISTRATION WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE 2011 MARYLAND DEPARTMENT OF EMMRONMENT NUMBER MANAGEMENT ADMINISTRATION WATER MANAGEMENT ADMINISTRATION * Other cultivars listed as "proven" in the most current UMD TT-77 may also be used A COPY OF THIS PLAN, THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND ASSOCIATED PERMITS SHALL BE ON-SITE AND AVAILABLE WHEN THE SITE IS ACTIVE. HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT THAT MAY PRODUCE THE DESIRED a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER). IRRIGATION: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST, REPEAT AS NEEDED, THE SITE LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTE) MUST NOT BE IRRIGATED TO THE POINT THAT RUNOFF OCCURS METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND BARRIERS: SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. a. CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE CHEMICAL TREATMENT: USE OF CHEMICAL TREATMENT REQUIRES APPROVAL BY THE APPROPRIATE PASS THROUGH A #20 MESH SIEVE. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE AT THE MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR. SOD MUST BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH, PLUS OR MINUS SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, 1/4 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP THIS PRACTICE SHOULD FOLLOW THE CONTOUR. GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE II. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW, APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE, MIX THE WOOD RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. STANDARD SIZE SECTIONS OF SOD MUST BE STRONG ENOUGH TO SUPPORT THEIR OWN CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION. CELLULOSE FIBER PER 100 GALLONS OF WATER. SYNTHÉTIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-7 SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY PETROSET, TERRA TAX II, TERRA MANUFACTURER. APPLICATION OF LIQUID DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL. BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND SOD MUST BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD APPROVED CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED. NOT TRANSPLANTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL PLANNING BOARD OF HOWARD COUNTY IV. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY SCIENTIST PRIOR TO ITS INSTALLATION. . SOD INSTALLATION AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG. MAY 4, 2017 DURING PÉRIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL, LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD. LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER. STAGGER LATERAL JOINTS TO CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. PROMOTE MORE UNIFORM GROWTH AND STRENGTH. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS. APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEM WHEREVER POSSIBLE, LAY SOD WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERING JOINTS. ROLL AND TAMP, PEG OR OTHERWISE SECURE THE SOD TO HOWARD COUNTY HEALTH DEPARTMENT PREVENT SLIPPAGE ON SLOPES. ENSURE SOLID CONTACT EXISTS BETWEEN SOD ROOTS AND THE UNDERLYING SOIL SURFACE. WATER THE SOD IMMEDIATELY FOLLOWING ROLLING AND TAMPING UNTIL THE UNDERSIDE OF County Health Officer THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLETE THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONIN ENGINEER'S CERTIFICATE BUILDER'S CERTIFICATE SOD MAINTENANCE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS "I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 INCHES. WATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING. THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT." AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN 16-16-17 EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON—SITE ADEQUATE MOISTURE CONTENT. DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED. 10/11/17 THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY nief, Development Engineering Division SEDIMENT CONTROL NOTES and DETAILS GLWGUTSCHICK LITTLE & WEBER, P.A. PROFESSIONAL CERTIFICATION PREPARED FOR:

G&R WESSEL, LLC. (Owner/Developer)

SUITE 300 WOODHOLME CENTER

1829 REISTERSTOWN RD

BALTIMORE, MD 21208

ATTN: MARK BENNETT

410-484-8400

BY APP'I

REVISION

HEREBY CERTIFY THAT THESE PLANS

ME. AND THAT I AM A DULY LICENSED

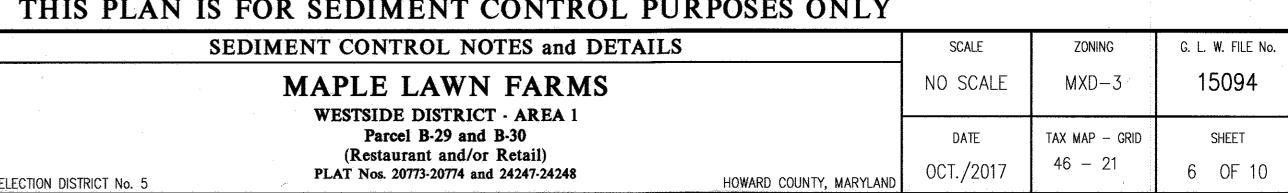
WERE PREPARED OR APPROVED BY

PROFESSIONAL ENGINEER UNDER THE

LAWS OF THE STATE OF MARYLAND,

LICENSE NO. 12975

EXPIRATION DATE: MAY 26, 2018



CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK

BURTONSVILLE, MARYLAND 20866

TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DETAIL C-5 TEMPORARY ASPHALT BERM

3 1/2 FT TYPICAL

INSTALL BERM TO CONFORM TO CROSS SECTION DIMENSIONS OF A UNIFORM-HEIGHT OF 8 INCHES MINIMUM AND APPROXIMATE WIDTH OF 3% FEET.

UPON REMOVAL OF ASPHALT BERM, RETURN TO ORIGINAL CONDITIONS OR AS SPECIFIED ON APPROVED PLAN.

MAXIMUM DRAINAGE AREA = 1½ Å

CONSTRUCTION SPECIFICATIONS

CONSTRUCTION SPECIFICATIONS

3. AVOID TEARING OR DAMAGING GEOTEXTILE

USE BASKETS MADE OF 11 GAUGE WIRE OR HEAVIER.

4. ENTRENCH GABION BASKETS TO A DEPTH OF 6 INCHES.

5. PLACE AND INTERLOCK GABION BASKETS WITH NO GAPS.

CONSTRUCT BERM ON AN UNINTERRUPTED, CONTINUOUS GRADE.

DETAIL E-9-7 GABION INLET PROTECTION

9 FT

PLAN VIEW

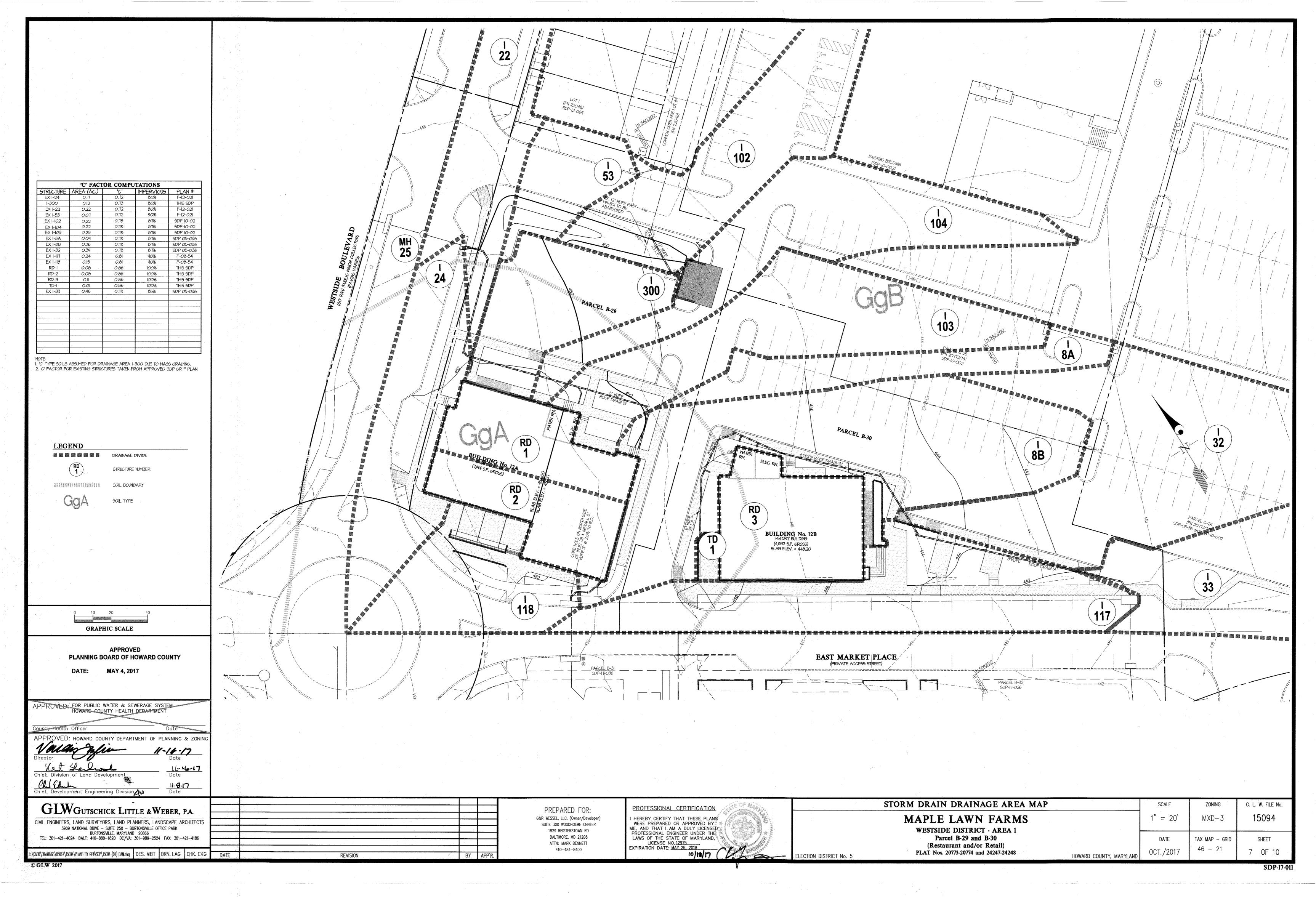
SECTION A-A

WRAP 3 FEET x 3 FEET GABION BASKETS (LENGTH VARIABLE) WITH NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVERLAPPING AT THE TOP, AND FASTEN THE GEOTEXTILE AT THE TOP OF THE BASKET WITH WIRE FASTENERS (HOG RINSS) AT A MAXIMUM OF 1 FOOT INTERVALLALING THE SEAM.

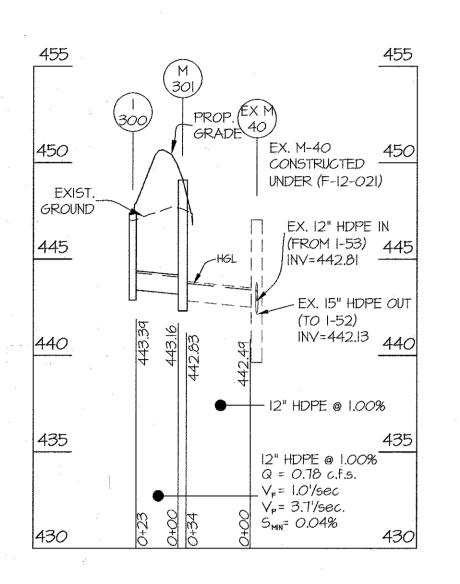
. FILL GABION BASKETS WITH CLEAN 4 TO 7 INCH STONE OR EQUIVALENT RECYCLED CONCRETE WITHOUT REBAR OR MESH.

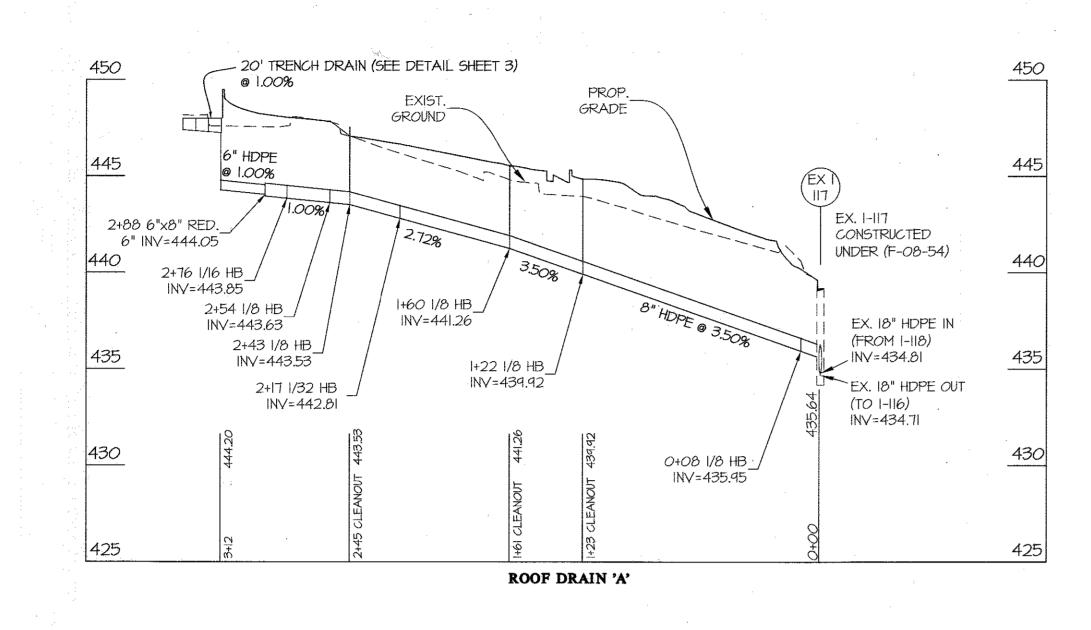
U.S. DEPARTMENT OF AGRICULTURE 2011 MARYLAND DEPARTMENT OF ENVIRONMEN NATURAL RESOURCES CONSERVATION SERVICE 2011 WATER MANAGEMENT ADMINISTRATION

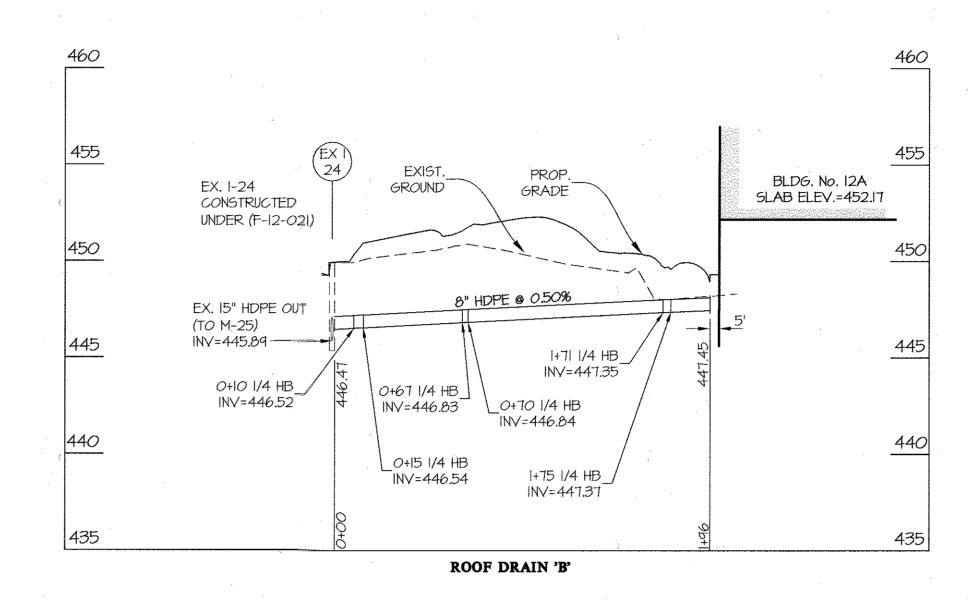
3. PROVIDE OUTLET PROTECTION AS REQUIRED ON PLAN.



STRUCTURE SCHEDULE (STORM DRAIN)										
NO NO	NO TYPE WIDTH TOP ELEVATION		INVERT		STD. DETAIL	LOCATIONS	REMARKS			
THE C	11112	(INSIDE)	UPPER	LOWER	UPPER	LOWER	JID. DEIME	LOOMIONS		
1-300	DOUBLE 'S' COMB.	3'-5"	447.94	447.74		443.39	MD-379.04	·		
					To the state of th	-				
M-301	STANDARD MANHOLE	4'-0"	449.00		443.16	442.83	HO. CO. G-5.12			
					:			i v		



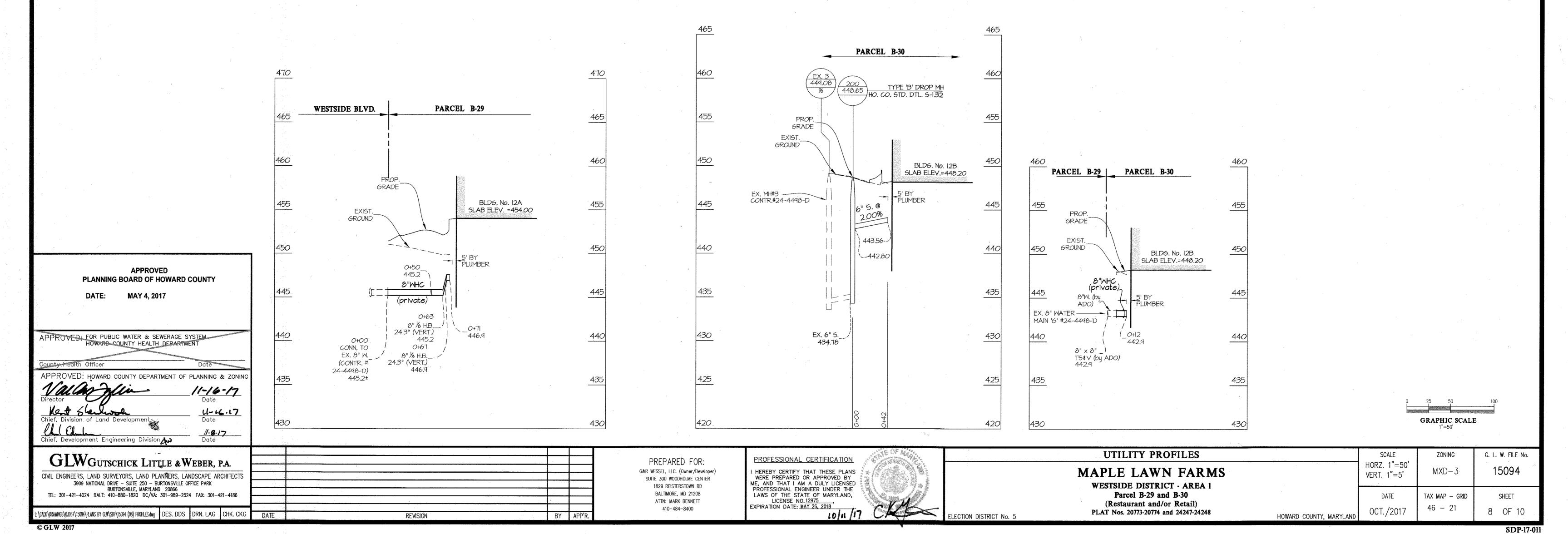


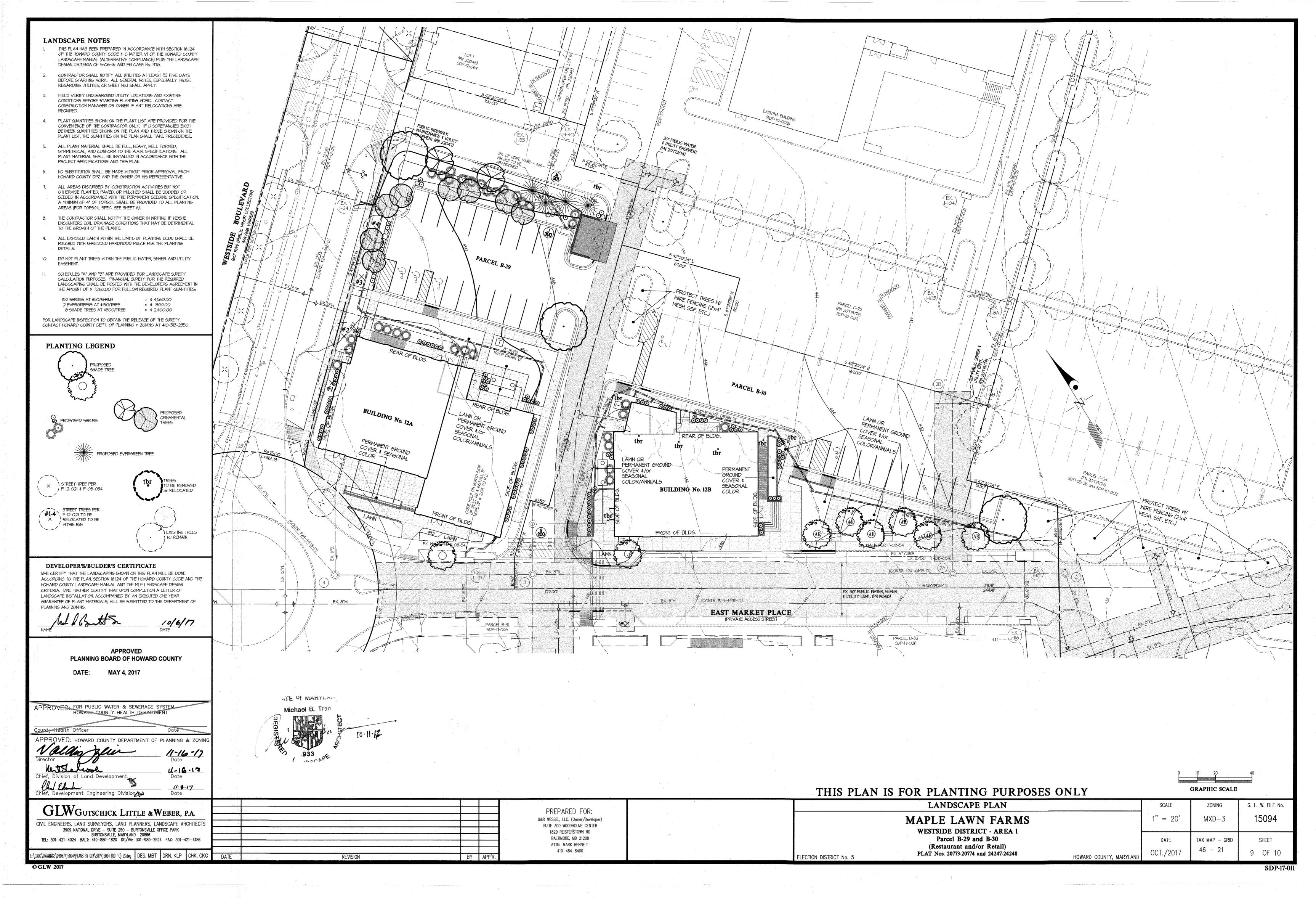


PIPE SCHEDULE (STORM DRAIN)							
SIZE	TYPE	QUANTITY (1.1.)	REMARKS				
8"	HDPE	505	- /I				
12"	HDPE	23					

HDPE indicates High Density Polyethylene pipe, such as N-12 by ADS, or Hi-Q by Hancor or an approved equal.

Trench bedding to be provided per Howard County Detail G 2.01, "Trench for P.V.C. pipe and H.D.P.E."





SPECIFICATIONS: PLANT MATERIALS AND PLANTING METHODS

A PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPLANT ALL OF THE PLANT MATERIALS CALLED FOR ON DRAWINGS AND/OR LISTED IN THE PLANT SCHEDULE.

I. 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 (HERE- AFTER 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 DESIGN REVIEW COMMITTEE (DRC).

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:

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

I. PLANTING SEASONS

THE PLANTING OF DECIDUOUS TREES, SHRUBS AND VINES SHALL BE FROM MARCH IST 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 IST. NO 15 PLANTING SHALL BE DONE WHEN THE GROUND IS FROZEN OR EXCESSIVELY MOIST. NO FROZEN OR WET TOPSOIL SHALL BE USED AT ANY TIME,

2. DIGGING

ALL PLANT MATERIAL SHALL BE DUG, BALLED AND BURLAPPED (B&B) IN ACCORDANCE WITH THE "AAN STANDARDS".

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.

G. 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 DIA.	PIT DEPTH
3" - 3.5"CAL.	32"	64 ^B	28"
3.5"- 4" CAL.	36"	72"	32"
4" - 4.5"CAL.	40"	80"	36"
4.5"- 5" CAL.	44"	88"	40"
5" - 5.5"CAL.	48"	96"	44"
5.5"- 6" CAL.	52"	104"	48"

A 20 % 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'-O" FOR MAJOR TREES AND 5'-O" MINIMUM FOR MINOR TREES.

B. WIRE AND CABLE: WIRE SHALL BE #10 GA. GALVANIZED OR BETHANIZED 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 PLANTING DETAILS.

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 I" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED ANTISEPTIC TREE WOUND DRESSING.

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 3" 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 DESIGN REVIEW COMMITTEE 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.

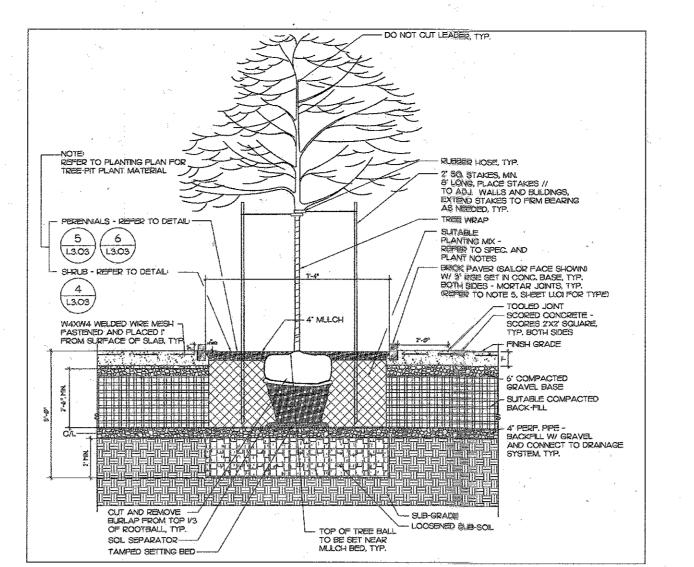
ALL SODDING SHALL BE IN ACCORDANCE TO THE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" LATEST EDITION, APPROVED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON AND THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS.

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.

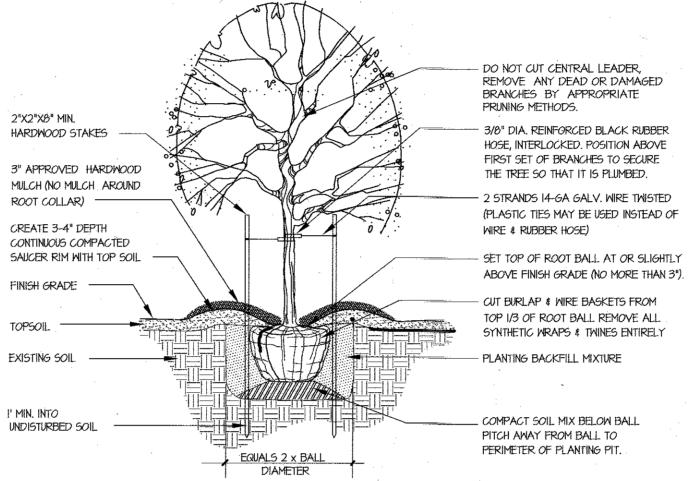
THE OWNER, TENANTS AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE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

2. AT THE TIME OF PLANT INSTALLATION, ALL SHRUBS AND TREES LISTED AND APPROVED ON THE LANDSCAPE PLAN, SHALL COMPLY WITH THE PROPER HEIGHT REQUIREMENT IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL, IN ADDITION, NO SUBSTITUTIONS OR RELOCATIONS OF THE REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING, ANY DEVIATION FROM THE APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO THE APPLICABLE PLANS.

BY APP'R.



TREE PLANTER DETAIL



NOTE: ALL SUPPORTING DEVICES (STAKES, WIRES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

DECIDUOUS TREE PLANTING DETAIL

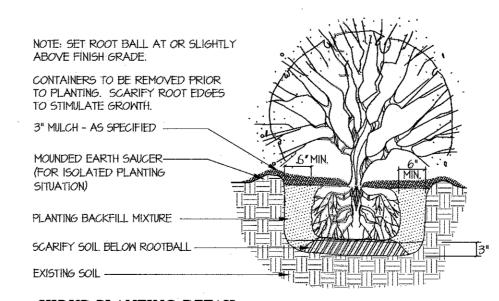
FOR PLANTING MATERIAL UP TO 3 1/2" CALIPER

REMOVE ONLY DEAD BRANCHES DAMAGED BRANCHES MAY BE TRIMMED USING APPROPRIATE 2"x2"x8" MIN. PRUNING METHODS. DO NOT CUT HARDWOOD STAKES -THE LEADER. 2 INTERLOCKING PLASTIC 3" APPROVED HARDWOOD TIES TO SECURE THE TREE MULCH (NO MULCH AROUND SO THAT IT IS PLUMBED. ROOT COLLAR) SET TOP OF ROOT BALL AT CREATE 3-4" DEPTH -OR SLIGHTLY ABOVE FINISH CONTINUOUS COMPACTED GRADE (ROOT COLLAR MUST

SAUCER RIM WITH TOP SOIL BE EXPOSED) TOPSOIL -CUT BURLAP & WIRE BASKETS FROM TOP 1/3 OF ROOT BALL REMOVE ALL SYNTHETIC EXISTING SOIL WRAPS & TWINES ENTIRELY UNDISTURBED SOIL - PLANTING BACKFILL MIXTURE EQUALS 2 x BALL

DIAMETER NOTE: ALL SUPPORTING DEVICES (STAKES, TIES, ETC.) SHALL BE REMOVED AFTER 2 GROWING SEASONS.

EVERGREEN TREE PLANTING DETAIL



ELECTION DISTRICT No. 5

SHRUB PLANTING DETAIL

	*	SEE	SHEET	2 FOR	BUILDI	NG DIM	IENSION	5
_								
_	_							

CATEGORY	PROJECT PERIMETER ADJACENT TO ROADWAY (WESTSIDE BLVD.)	PROJECT PERIMETER ADJACENT TO PERIMETER PROPERIES	PROJECT PERIMETER ADJACENT TO PERIMETER PROPERTIES	* BUILDING LENGTH * (REAR & SIDES)	* BUILDING LENGTH (REAR & SIDES)
OCATION / USE SITUATION	PARKING	DRIVE AISLE/SFA	DUMPSTER	SIDES & REAR OF BUILDING 12a	SIDES & REAR OF BUILDING 126
ANDSCAPE BUFFER TYPE	TYPE 'E'	TYPE E	TYPE 'D'	A I SHRUB PER 4 LF OF BLDG LENGTH	A I SHRUB PER 4 LF OF BLDG LENGTH
INEAR FEET OF ROADWAY/ PERIMETER FRONTAGE/BLDG.	60'	42'	11.	242.7' [64.3'(side)+69.7'(side)+108.7'(rear)]	209.5' [73.5'(side)+57'(side)+79'(rear)]
CREDIT FOR EX. VEGETATION (YES, IO; LINEAR FEET; DESCRIBE BELOW F NEEDED)	NONE	NONE	NONE	NONE	NONE
(NLLD'LD)			Λ	,	
CREDIT FOR WALL, FENCE OR BERM YES, NO; LINEAR FEET; DESCRIBE BELOW IF NEEDED)	NONE.	NONE	NONE	NONE	NONE ,
LUMBER OF PLANTS REQUIRED					
SHADE TREES	2	3		N/A	N/A
EVERGREEN TREES	N/A	N/A	2	N/A	N/A
ORNAMENTALS	N/A	N/A	WA	N/A	NA
5HRUBS	15	23	N∕A	61	53
UMBER OF PLANTS PROVIDED					
SHADE TREES	0	1 .	0	N/A	N/A
EVERGREEN TREES	N/A	N/A	2	N/A	N/A .
ORNAMENTALS	N/A	N/A	N/A	N/A	N/A
SHRUBS	15	23		61	
SUBSTITUTIONS MADE	4 ORNAMENTALS FOR 2 SHADE TREES	4 ORNS. FOR 2 SHADE TREES	2 EVGS, FOR I SHADE TREE		

SCHEDULE 'A' NUMBER OF SHADE TREES FOR BONDING:

 $6 \times $300 = $1,800.00$ SCHEDULE "A" NUMBER OF EVERGREEN TREES FOR BONDING: $2 \times $150 = 300.00 152 x \$ 30 = \$ 4,560.00 SCHEDULE 'A' NUMBER OF SHRUBS FOR BONDING: SCHEDULE 'A' NUMBER OF ORNAMENTAL TREES FOR BONDING: 0 x \$ 150 = TOTAL LANDSCAPE SURETY FOR SCHEDULE-A \$ 6,660.00

PLANTING PER THE MLF LANDSCAPE DESIGN CRITERIA (PART-F)

SCHEDULE B -- PARKING LOT INTERNAL LANDSCAPING NUMBER OF PARKING SPACES 32 NEW SURFACE PARKING SPACES. NUMBER OF TREES REQUIRED 2 (I SHADE TREE PER 20 PARKING SPACES) UMBER OF TREES PROVIDED SHADE TREES OTHER TREES (2:1 substitution)

LANDSCAPE SURETY REQUIRED FOR SCHEDULE-B SCHEDULE 'B' NUMBER OF SHADE TREES FOR BONDING:

 $2 \times $300 = 600.00

	PLANT LIST							
SYMBOL	QUANT.	SIZE	NAME (BOTANICAL/COMMON) OF PLANTS FOR SELECTION BY OWNER/BUYER	COMMENTS				
\bigcirc	3	25" - 3" CAL.	MATCH EXISTING SHADE TREES ON PARCELS	ALL B∉B				
	6	2" CAL. \$ 6'-8' HT.	CHOOSE FROM THE FOLLOWING LAGERSTROEMIA 'ARAPAHO' / 'ARAPAHO' CRAPE MYRTLE LAGERSTROEMIA INDICA 'RED ROCKET' / RED ROCKET CRAPE MYRTLE LAGERSTROEMIA X 'SIOUX' / SIOUX CRAPE MYRTLE	ALL B&B AND TREEFORM				
	2		CERCIS CANADESIS / EASTERN REDBUD	A				
**	4	8' HT. MIN.	PICEA OMORIKA / SERBIAN SPRUCE THUJA STANDISHII X PLICATA / THUJA GREEN GIANT ILEX X 'NELLIE R. STEVENS' / NELLIE STEVENS HOLLY	ALL B&B, INTACT LEADER				
⊗	97	ALL 24" - 30" SPREAD	CHOOSE FROM THE FOLLOWING: MAHONIA AGUIFOLIUM / OREGON GRAPE HOLLY ILEX CRENATA 'HELLEI' / DWARF JAPANESE HOLLY ILEX GLABRA 'COMPACTA' / DWARF INKBERRY CARYOPTERIS X CLANDONENSIS / BIJUEBEARD ABELIA X 'ROSE CREEK' / ROSE CREEK ABEILA ABELIA X GRANDIFLORA/ GLOSSY ABELIA DEUTZIA GRACILIS/ SLENDER DEUTIZIA DWARF FEMALE JAPANESE SKIMMIA / DWARF FEMALE JAPANESE SKIMMIA BUXUS MICROPHYLA 'WINTER GEM' / WINTER GEM BOXWOOD	ALL CONTAINERIZED.				
0	26	24"-30" MIN. SPREAD	CHOOSE FROM THE FOLLOWING: ILEX CRENATA, HELLEI' / DWARF JAPANESE HOLLY ILEX GLABRA, 'COMPACTA' / DWARF INKBERRY TAXUS MEDIA, 'DESIFORMIS' / DENSIFORMIS YEW THUJA PLICATA, 'CAN CAN' / THUJA CAN CAN					
	8	36" HT. MIN.	VIBURNUM RHYTIDOPHYLLUM / LEATHERLEAF VIBURNUM					
	25	36" HT. MIN.	VIBURNUM RHYTIDOPHYLLUM / LEATHERLEAF VIBURNUM or SKIMMIA JAPONICA 'RUBELLA' / SKIMMIA 'RUBELLA'					
Contraction of the second	2	25" - 3" CAL.	MATCH EXISTING STREET TREES IN WESTSIDE BOULEVARD	ALL DAD				
A A A A A A A A A A A A A A A A A A A	6	25" - 3" CAL.	ACER RUBRUM 'ARMSTRONG' / ARMSTRONG MAPLE	ALL B¢B				

THE DIAN IS EAD DIANTING DIDDOGES AND V

THIS PLAN IS FOR PLANTING	J PURPUSES O	NLY		
LANDSCAPE NOTES and DETAILS	· · · · · · · · · · · · · · · · · · ·	SCALE	ZONING	G. L. W. FILE No.
MAPLE LAWN FARMS		1" = 20'	MXD-3	15094
WESTSIDE DISTRICT - AREA 1				
Parcel B-29 and B-30		DATE	TAX MAP — GRID	SHEET
(Restaurant and/or Retail) PLAT Nos. 20773-20774 and 24247-24248	HOWARD COUNTY MARYLAND	OCT./2017	46 - 21	10 .QF 10

PLANNING BOARD OF HOWARD COUNTY MAY 4, 2017

APPROVED

APPROVED: FOR PUBLIC WATER & SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT

ounty treath Officer APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING 11-16-17

Chief, Division of Land Development Chief, Development Engineering Division

GLWGUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

11.8.17

3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186 : \CADD\DRANNGS\03067\15094\PLANS BY G.W\SDP\15094 (09-10) LS.dwg | DES. MBT | DRN. KLP | CHK. CKG

DEVELOPER'S/BULDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE

I/WE FURTHER CERTIFY THAT UPON COMPLETION A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT

ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL AND THE MLF LANDSCAPE DESIGN CRITERIA.

MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

PREPARED FOR: SUITE 300 WOODHOLME CENTER 1829 REISTERSTOWN RD BALTIMORE, MD 21208 ATTN: MARK BENNETT 410-484-8400

G&R WESSEL, LLC. (Owner/Developer)

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