ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF

- 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 THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT I-800-257-7777 AT LEAST 48 HOURS
- PRIOR TO ANY EXCAVATION WORK BEING DONE.

ZONING:

ELECTION DISTRICT: PARCEL B-27 & B-28 AREA:

- THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, BUREAU OF UTILITIES AT (410) 313-4900 AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WORK.
- ALL PLAN DIMENSIONS ARE TO FACE OF BUILDING UNLESS OTHERWISE NOTED, DIMENSIONS ARE MEASURED
- PERPENDICULAR OR RADIALLY BETWEEN ITEMS UNLESS OTHERWISE NOTED.
- DESIGN GRADES FROM DESIGN PLANS FOR CONSTRUCTION. 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, 41EA AND NO. 46B2. SITE IS BEING DEVELOPED UNDER MXD-3 REGULATIONS, PER ZB995M, APPROVED ON 2/8/01 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:
- S OI-17, 5-06-16, 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-08-058, SDP-08-114, SDP-09-60, F-09-16, F-11-047, F-14-093 \$ f-16-102.
- WATER AND SEWER SERVICE IS PUBLIC PER CONTRACT No. 24-4498-D
- STORMWATER MANAGEMENT, FOR BOTH QUALITY AND QUANTITY, FOR THE DEVELOPMENT PROPOSED BY THESE PLANS WILL BE SATISFIED BY TWO REGIONAL FACILITIES BEING CONSTRUCTED UNDER F-08-55 AND AN EXISTING FACILITY CONSTRUCTED UNDER F-08-07. THE EXISTING FACILITY AND THE FACILITY ON OPEN SPACE LOT 3 WILL BE PUBLICLY OWNED AND MAINTAINED. THE FACILITY ON OPEN SPACE LOT 2 WILL BE PRIVATELY OWNED AND MAINTAINED. THE RECHARGE REQUIREMENTS FOR THIS DEVELOPMENT WILL BE PROVIDED IN A PRIVATELY OWNED AND MAINTAINED FACILITY ON PARCEL B-5. THE RECHARGE FACILITY ARE INFLITRATION TRENCHES LOCATED ON PARCEL B-5 (now B-I4. B-I5 & B-I7 per SDP-09-060).
- EXISTING UTILITIES ARE BASED ON APPROVED DESIGN PLANS FOR CONSTRUCTION AND FIELD LOCATION BY GUTSCHICK, LITTLE & WEBER, P.A.
- THERE ARE NO KNOWN CEMETERIES, GRAVE SITES OR HISTORIC STRUCTURES LOCATED ON THE SUBJECT PROPERTY 19. THERE ARE NO SCENIG ROADS WITHIN OR ADJACENT TO THE SUBJECT PROPERTY
- 20. THERE ARE NO FLOODPLAINS OR WETLANDS WITHIN PARCELS B-27 AND B-28
- AS A COMMERCIAL DEVELOPMENT, A NOISE STUDY IS NOT REQUIRED FOR THIS SOF
- LAWN FARMS ARE GRANDFATHERED TO THE FOURTH EDITION OF THE SUBDIVISION. AND LAND DEVELOPMENT REGULATIONS AS DEVELOPED UNDER S-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 FIFT EDITION OF THE SUBDIVISION AND REGULATIONS PER COUNCIL BILL NO.45-2003 AND THE ZONING REGULATIONS PER COUNCIL BILL NO. 75-2003.
- FOREST CONSERVATION FOR THIS SITE HAS BEEN PROVIDED UNDER F-08-54. THE GRADING WORK UNDER THIS SDF SHALL BE COORDINATED WITH THE FOREST AND LANDSCAPE PLANTING IN OPEN LOT # UNDER F-08-54.
- ALL EXTERIOR LIGHT FIXTURES SHALL BE ORIENTED TO DIRECT LIGHT INWARDS AND DOWNWARDS AWAY FROM ALL ADJOINING
- MANUAL, FINANCIAL SURETY OF \$12,210.00 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 APPLICATIONS (FOR ADDITIONAL INFORMATION ON THE LANDSCAPE SURETY
- SETBACK REQUIREMENTS DO NOT APPLY TO WALLS AND FENCES WHICH SERVE AS ENTRANCE FEATURES FOR A SUBDIVISION OR DEVELOPMENT IN ALL ZONING DISTRICTS PROVIDED THE ENTRANCE FEATURE DOES NOT EXCEED 8 FEET IN HEIGHT AND DOES NOT

- HEALTH DEPARTMENT APPROVAL OF THIS SITE DEVELOPMENT PLAN DOES NOT ENSURE APPROVAL OF BUILDING PERMIT APPLICATIONS ASSOCIATED 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 INCLUDE, 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.
- THE HOTEL BUILDING SHALL BE REGISTERED WITH THE GREEN BUILDING COUNCIL IN ACCORDANCE WITH THE HOWARD COUNTY GREEN BUILDINGS LAW
- PRIOR TO SIGNATURE APPROVAL OF THIS SDP BY THE DEPARTMENT OF PLANNING & ZONING, THE PROJECT LEED ACCREDITED PROFESSIONAL
- (I) DOCUMENTATION SHOWING THAT THE LEED REGISTRATION FEE HAS BEEN PAID AND (2) A SIGNED AND DATED LEED CHECKLIST.

- <u>MP-05-012</u> ON AUGUST 20, 2004, MP 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>AP-01-122.</u> MAIVER 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-OT-122(****), WHICH WAS GRANTED ON JUNE 19, 2007 SUB, IECT TO THE FOLLOWING
 - COMPLIANCE WITH THE SRC COMMENTS ISSUED FOR THE FINAL PLAN, F-07-183 AND THE RED-LINE REVISION OF SDP-05-36. COMPLIANCE WITH THE COMMENTS DATED JUNE 14, 2007 FROM DEVELOPMENT ENGINEERING DIVISION
 - . ADDED PARCEL C-20 TO PURPOSE NOTE APPROVED BECAUSE IT DOES NOT HAVE AN EFFECT ON STORMWATER MANAGEMENT, OR APPO. . 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)(I) WHICH REQUIRES OPEN SPACE LOTS (OPEN SPACE LOTS I 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 SWM ACCESS EASEMENT TO
- IDENTIFY MAINTENANCE VEHICLE ACCESS TO THE SWM FACILITIES. SUBJECT TO THE SRC COMMENTS ISSUED FOR PRELIMINARY PLAN. P-07-18.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONIN

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

\CADD\DRAWNGS\G3G67\14084 (HOTEL)\PLANS by GLW\SDP\14084 (O1) CS.dwg | DES. MBT | DRN. KLP | CHK. CKG

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hief, Development Engineering Division 🗸 🐱

- 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 PLAN EXHIBIT TO A MINIMUM OF 20 FEET IN WIDTH
- . A 20' WIDE MINIMUM UNRESTRICTED PUBLIC OR PRIVATE ROAD ACCESS MUST BE PROVIDED TO SERVE AS AN ENTRANCEWAY 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 PLANS ARE SUBMITTED FOR THIS PROJECT.

INFORMATION FOR GRADING PERMIT SURETY CALCULATION Landscape Surety Inspection (Address/Parcel No.) Area PLANNING BOARD OF HOWARD COUNTY Amount 11810 West Market Pl. 3.52 acres NOVEMBER 03, 2016 (Parcel B-27) both parcels 11800 West Market Pl. 1.35 acres 9,120.00 \$ 100.00 (Parcel B-28) (B-28 only) Total \$ 12,210.00 \$ 200.00 APPROVED. FOR PUBLIC WATER & SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT

5-30-67

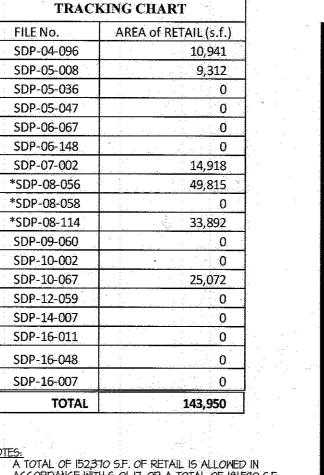
5.23.17

SITE DEVELOPMENT PLAN MAPLE LAWN FARMS

Westside District - Area 1

BUILDING No. 14 (Hotel) and BUILDING No. 15 (Office)

(Parcel B-27 and B-28)



RETAIL and SERVICE

ACCORDANCE WITH 5-01-17, OR A TOTAL OF 181590 S.F.

- THE WESTSIDE AREA-I SOUTHWEST QUADRANT (West of Westside Blyd, and south of West Market Place) 19 COMPRISED OF THE THREE SDPs DENOTED WITH AN ASTERISK (*). THE TOTAL RETAIL AREA IN THIS OMMERCIAL AREA IN THIS SAME QUADRANT IS 112,843 F. (which is the sum of the floor areas for 5DP-08-056, SDP-08-058 & SDP-08-114 shown in the FAR Trackina Chart).
- THE AREA OF RETAIL FLOOR SPACE HAS BEEN UPDATED TO INCLUDE ACTUAL RETAIL FLOOR SPACE THAT OCCUPIES ALL EXISTING BUILDINGS OR WILL BE

SPACE RESERVOIR HIGH LOT 4 SCHOOL THE BOARD OF EDUCATION L3218 F.618 ZONED: RR-MXD SPACE LOT I PARCEL PARCEL PROPERTY OF IS PETERS, LEROY PETERS & LAKEISHA PETERS L. 9293 F. 183 (ZONED: RR-DEO) C-28 MAPLE LAWN FARMS BUSINESS DISTRICT PARCEL C-21 MARVIN AND

LOCATION PLAN

SHEET INDEX

- GOVER SHEET

HILLSIDE

DISTRICT

- 2 SITE DEVELOPMENT PLAN 3 - HANDICAP ACCESSIBILITY and SITE DETAILS / PAVING DELINEATION PLAN
- 4 SEDIMENT CONTROL PLAN / DEMOLITION PLAN
- 5 SEDIMENT CONTROL NOTES and DETAILS
- 6- STORM DRAIN DRAINAGE AREA MAP & YARD DRAIN DETAILS 1 - UTILITY PROFILES
- 8 LANDSCAPE PLAN

9- LANDSCAPE NOTES and DETAILS

SITE ANALYSIS DATA

- - GROSS AREA OF PARCEL B-27 = 57,816 S.F. or 1.3273 AC.
- ROPOSED USE: HOTEL and OFFICE BUILDING
- BUILDING COVERAGE (% OF GROSS SITE AREA):
- BUILDING No. 14 (Hotel): 23,208 S.F. or 0.53 AC. = 23.2% OF PARCEL B-28 (2.3013± AC.) BUILDING No. 15 (Office): 10,013 S.F. or 0,23 AC. = 17.32% OF PARCEL B-27 (1.3273± AC.)

OTEL) (B-28)

٠.	יווי לוויי				
			BLDG. #14 (HC		
	FLOOR I		23.208 S F		

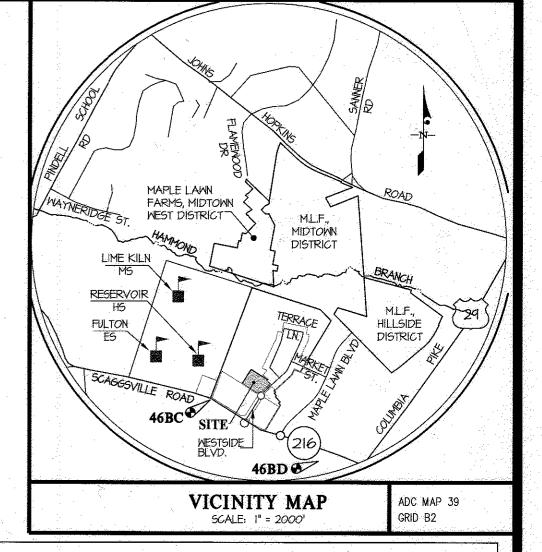
FLOOR I	23,208 S. F.
FLOORS 2 THROUGH 4	55,764 (18,588 S. F. EACH)
TOTAL GROSS FLOOR AREA	78,972 S. F. (1.81 ac.)
PARCEL AREA	2.3013 ac
FAR	0.79
	or a liter (more and to and
	BLDG. #15 (OFFICE) (B-21)
lst FLOOR	BLDG. #15 (OFFICE) (B-21)
lst FLOOR 2nd # 3rd FLOOT	
	10,013 S.F.
2nd \$ 3rd FLOOT	10,013 S.F. 9,841 S.F. each = 19,682

NAD83 HORIZONTAL DATA & NVD88 VERTICAL DATA

ELEV. = 472.16 N = 539,925,13 E=1,337,205,77

N = 538,656.76 E=1,339,461.55

STANDARD DISC ON CONCRETE MONUMENT



FLOOR AREA RATIO (F.A.R.) TRACKING CHART **DPZ File Numbers** Area (s.f.) SDP-04-44 (Office Bldg-1) SDP--04-96 (Retail Bldg-1 and Bank) 24,088 SDP-05-08 (Retail Bldg-2 and Gas Station) 22,218 139,520 SDP-05-36 (Office Bldg-2, Par. C-24 173,818 SDP-05-47 (Office Bldg-3, Par. C-21 and Bank, Par. C-22) 243,230 123,740 SDP-06-67 (Office Bldg-4, Par. C-23) 152,117 100,288 121,620 SDP-06-148 (Medical and 3 Office Buildings) SDP-07-02 (Bank, School, Retail & Restaurant) SDP-08-56 (Harris Teeter Grocery Store, Par. B6 Westside 184,615 DP-08-058 (Bank, Parcel B-11) 34,895 3.764 Westside SDP-08-114 (Parcels B-7 thru B-10 and B-22 & B-26) 283,685 DP-09-060 (Parcels B-13 thru B-17) 743,157 Westside SDP-10-002 (Office Bldg-2A, Par. C-25 66,954 SDP-10-067 (Parcels B-18 thru B-21 Westside 235,402 SDP-12-059 (Office-6, Parcel C-28) 139,421 261,261 SDP-14-007 (Office-8, Parcel C-29) 249,400 130,629 SDP-16-011 (Office Bldg-10, Parcel C-22) SDP-16-048 (Office-9, Parcel C-33) 172,926 102,263 158,063 108,667 13.60 0.00 SUB-TOTAL 112.56 4,310,672 1,621,528 0.33 122.00 1,860,012

1. THE MAXIMUM TOTAL FLOOR AREA PERMITTED PER 5-06-16 15 1,860,012 S.F. (0.35 FAR) WHICH IS 35% OF 122.0 ACRES.

COMMERCIAL DEVELOPMENT DESIGN CRITERIA PER S-06-16

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 JOHN'S HOPKINS ROAD AND MAPLE LAWN BOULEVARD SHALL NOT EXCEED THREE STORIES.

MARJORIE BOSLEY

... 1241 F. 138

- 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

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 . 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 LISE RESTRICTIONS ALSO APPLY

REVISION

- 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 FACILITIES. AND/OR CONVENIENCE STORE FOOD.
- NO SINGLE 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 SQUARE 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:

PROPERTY OWNER/DEVELOPER:

GREENEBAUM ENTERPRISES, INC.

1829 REISTERSTOWN RD, SUITE 300

BALTIMORE, MD 21208

ATTN: MARK BENNETT

410-484-8400

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

NO COVERAGE REQUIREMENT IS IMPOSED IN EMPLOYMENT LAND USE AREAS.

OVERALL LIMIT IS 0.35 CALCULATED ON THE TOTAL ACREAGE FOR ALL EMPLOYMENT LAND USE AREAS.

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

PARCEL C-3

- 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
- NOTED ABOVE.

OPEN SPACE LOT I

(T) = TRANSIT STOP/BUS SHELTER

SCALE: 1"=400'

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, 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.
- a. A MINIMUM OF FIVE PARKING SPACES SHALL BE PROVIDED FOR EACH 1,000 SQUARE FEET OF NET LEASABLE AREA DEVOTED TO COMMERCIAL RETAIL SALES 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 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.
- 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. 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 A MAJOR SHIFT, AND EIGHT PARKING SPACES SHALL BE PROVIDED FOR EACH DOCTOR TREATING OUTPATIENTS ON A MAJOR SHIFT. g. INDUSTRIAL USES:

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

RECREATIONAL USES: 10.0 SPACES PER 1,000 SQUARE FEET OF NET LEASABLE AREA HEALTH CLUE SWMMING POOL, COMMUNITY 1.0 SPACE PER SEVEN PERSONS PERMITTED IN THE POOL AT ONE TIME BY THE DEPT. OF HFAI TI TENNIS COURT

PROFESSIONAL CERTIFICATION

HEREBY CERTIFY THAT THESE PLANS

WERE PREPARED OR APPROVED BY

ME, AND THAT I AM A DULY LICENSED

PROFESSIONAL ENGINEER UNDER THE

LAWS OF THE STATE OF MARYLAND,

LICENSE NO. 12975 EXPIRATION DATE: MAY 26, 2011

"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.

IN PARALLEL PARKING WITHIN PUBLIC ROAD RIGHTS-OF-WAY, PARALLEL SPACES LOCATED ON PAVED AREAS ADJACENT TO PUBLICLY MAINTAINED ROADWAYS OR ORIENTED DIAGONALLY OR AT RIGHT ANGLES TO SUCH ROADWAYS, IN AND/OR OUT OF THE PUBLIC R/W. REDUCTIONS IN PARKING REQUIREMENTS ARE PERMITTED PURSUANT TO THE HOWARD COUNTY ZONING REGULATIONS SECTIONS 133.D.8 (PARKING STUDIES), 133.E.1 (SHARED

ELECTION DISTRICT No. 5

REQUIRED MINIMUM PARKING FOR ALL SUCH COMMERCIAL AND EMPLOYMENT USES SHALL BE MET OFF-STREET. ADDITIONAL PARKING MAY BE ACCOMMODATED ON-STREET.

SDP-16-007 (Hotel & Office Bldg. on Parcels B-27 & B-28) | Westside EMPLOYMENT AREA RECORDED AS R/W (acres) OTAL AREA TO BE RECORDED AS EMPLOYMENT (acres) TOTAL REMAINING EMPLOYMENT AREA (acres)

4-Story HOTEL (Parcel B-28) (Parcel B-27) No. of Conference Parking Generation Use Medical Offices Rooms Employees Facility Building Area (gross s.f.) 29.695 78.972 Building Area (net s.f., 90% of gross) 103 1,150 sf. rooms or employees for parking generation 1-space | 1-space per 8 Required parking ratio (per 1000 s.f. net) per room | employees Parking Required 103 12 - 3

PARKING TABULATION: Westside District, Area-1 (NW Quadrant, Parcels B-27 & 28)

Parcel Total Parking Provided B-27 B-28 9'x18' - Standard Parking Spaces 102 Handicap Parking Spaces 8'x22' - Parallel Parking Spaces 107 Total Parking Provided 118

** WITH SHARED PARKING ADJUSTMENTS PER SECTION 133.F.1.A.B (SEE) BELOW). THE SHARE PARKING AGREEMENT IS RECORDED IN THE MAPLE LAWN COMMERCIAL ASSOCIATION COVENANTS (L.7419 F.230 AND L.7789

Shared Parking Time of Day Adjustments TYPE OF USE Midnight - 6pm 6pm-midmight 6am-8am 3pm-5pm Demand for 8am-3pm 6am-6pm 6pm-8am % | adjusted | % | adjusted 118 75 89 100 118 100 134 10 OFFICE

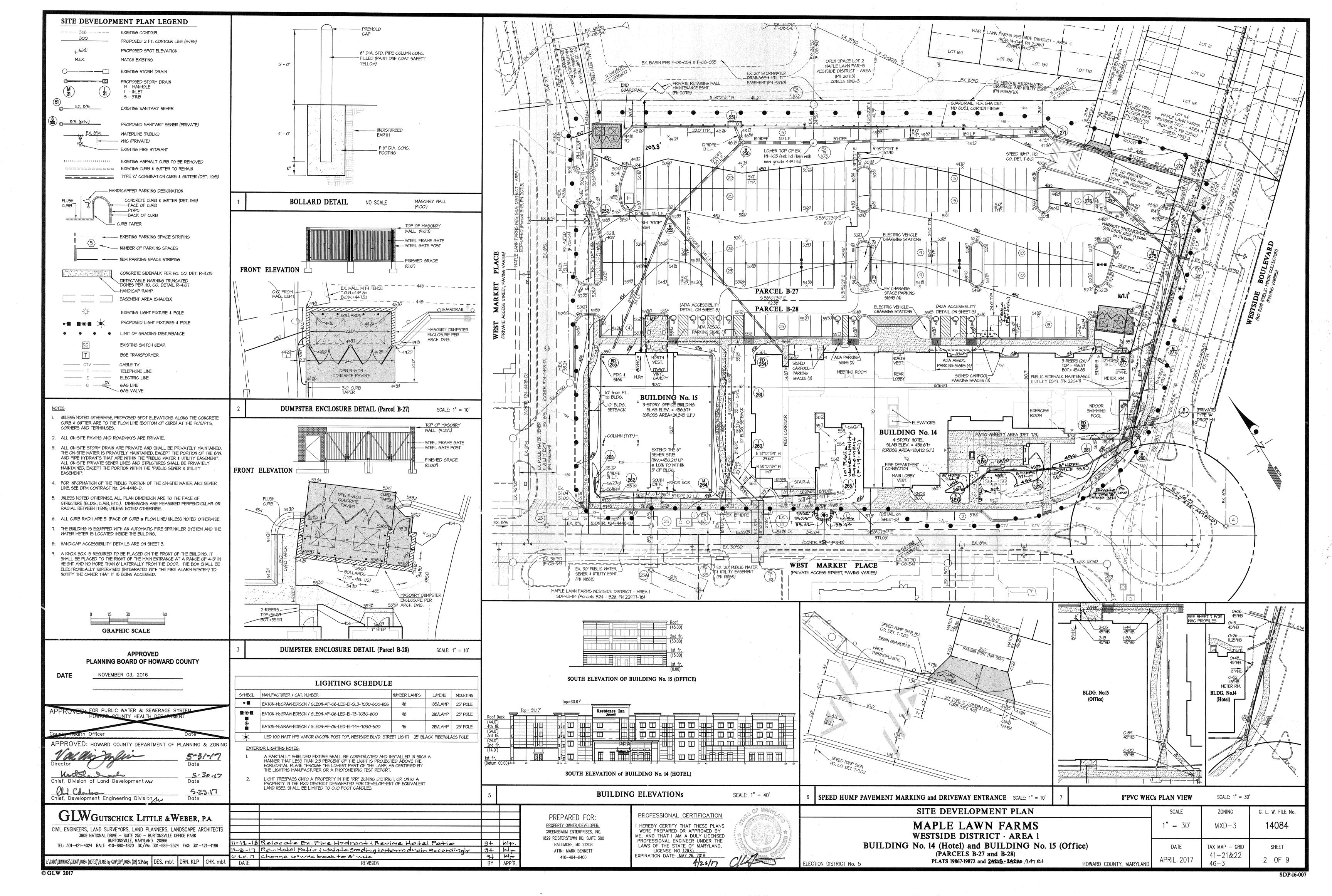
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		AD	DRESS ar	d PERMIT INFO	RMAT	ION CHART	
BUILD	BUILDING ADDRESS:			ARCEL B-28, HOTEL) ARCEL B-27, OFFICE)		WEST MARKET PLACE WEST MARKET PLACE	
	SUBDIVISION NAME: MAPLE LAWN FARMS			SECTION/AREA WESTSIDE DISTRICT	/AREA I		PARCEL B-27 ¢ B-28
	PLAT Nos. 19867/72 \$ 24215-242	16	ZONE MXD-3		OCK \$ 4	ELEC. DIST.	CENSUS TRACT 6051.02
	WATER CODE: E2I			SEWER CODE: 1695000			
				SCALE	1	ZONING	G. L. W. FILE No.

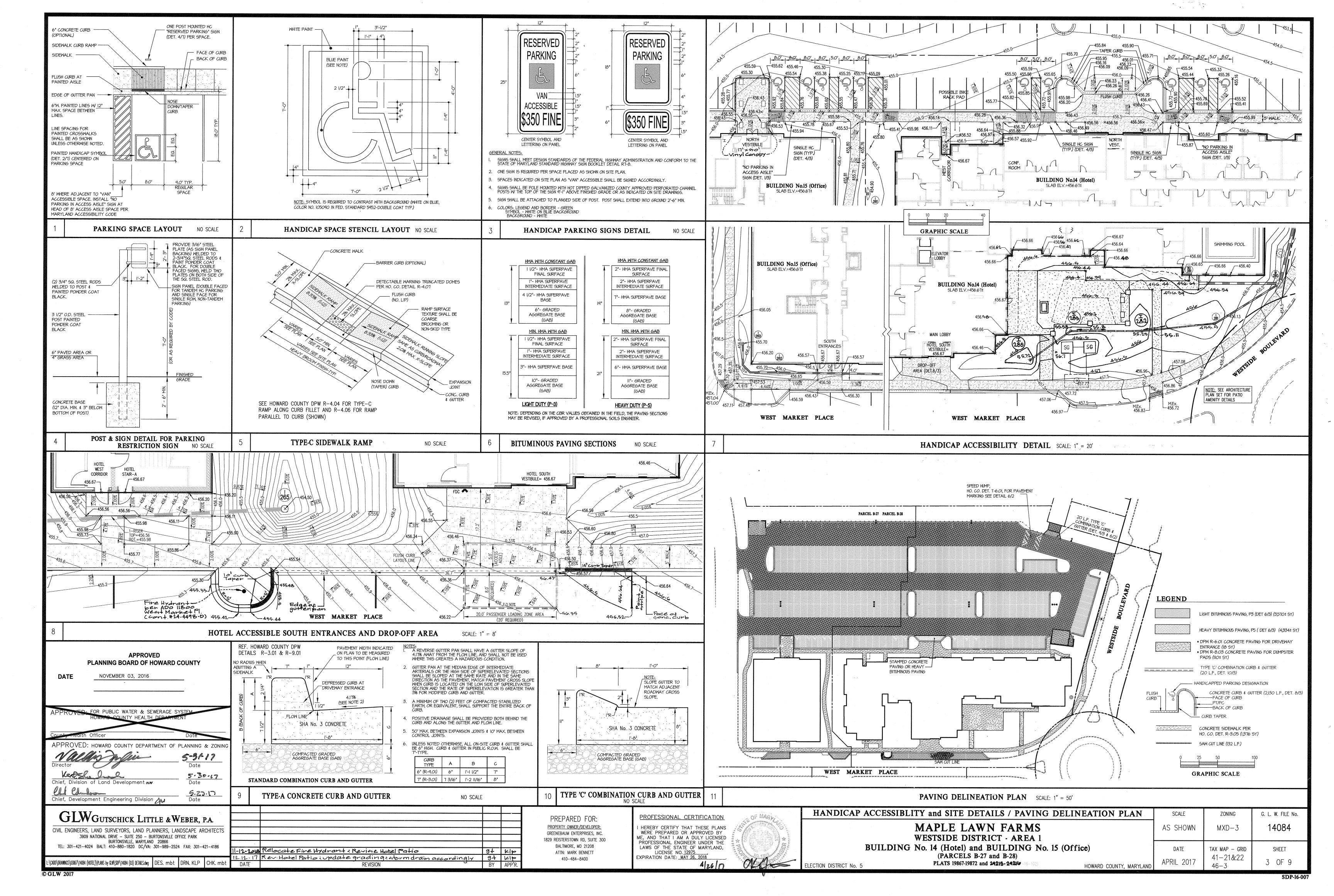
COVER SHEET

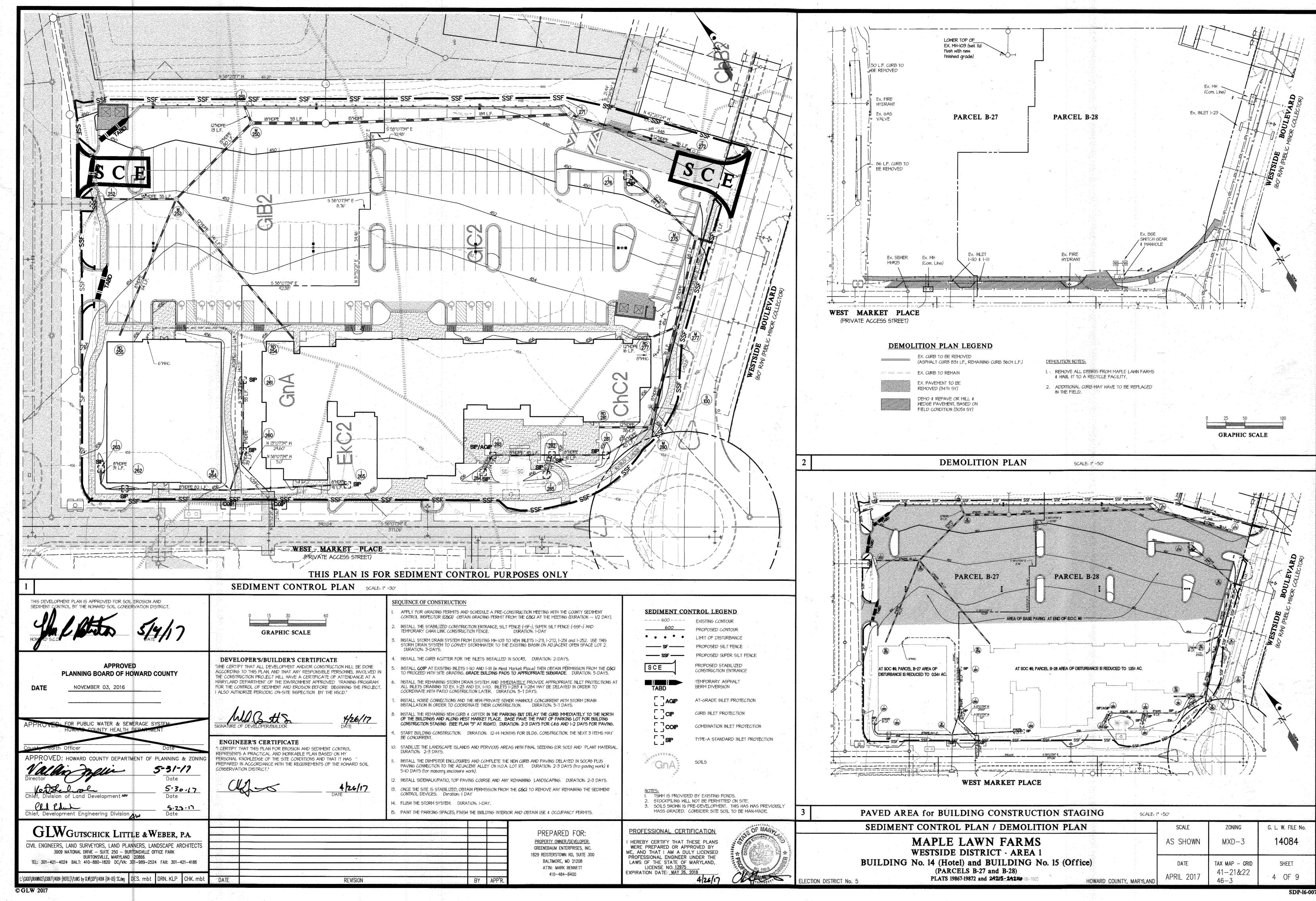
MAPLE LAWN FARMS WESTSIDE DISTRICT - AREA 1 BUILDING No. 14 (Hotel) and BUILDING No. 15 (Office)

(PARCELS B-27 and B-28) PLATS 19867-19872 and 24215-242106-102)

G. L. W. FILE INO MXD-3AS SHOWN TAX MAP — GRID OF 9 HOWARD COUNTY, MARYLAND







B-4-2 STANDARD AND SPECIFICATIONS FOR SOIL B-4-3 STANDARDS AND SPECIFICATIONS FOR B-4-4 STANDARDS AND SPECIFICATIONS B-4-5 STANDARDS AND SPECIFICATIONS PREPARATION, TOPSOILING, AND SOIL AMENDMENTS DETAIL B-1 STABILIZED CONSTRUCTION SEEDING and MULCHING FOR TEMPORARY STABILIZATION FOR PERMANENT STABILIZATION SEDIMENT CONTROL NOTES DETAIL E-3 SUPER SILT FENCE DETAIL C-5 ENTRANCE DEFINITION <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 DEFINITION MOUNTABLE BERM (6 IN MIN.) THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER. THE PROCESS OF PREPARING THE SOILS TO SUSTAIN DEQUATE VEGETATIVE STABILIZATION. TO STABILIZE DISTURBED SOILS WITH VEGETATION FOR UP TO 6 MONTHS. TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION. FIELD. A MINIMUM OF 48 HOUR NOTICE TO CID MUST BE GIVEN -EARTH FILL UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF TO PROVIDE A SUITABLE ȘOIL MEDIUM FOR VEGETATIVE GROWTH TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS CONSTRUCTION. 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 \sim CONDITIONS WHERE PRACTICE APPLIES WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED. GALYANIZED CHAIN LINK FENCE WI WOVEN SLIT FILM GEOTEXTILE PRACTICES ARE REQUIRED. CONDITIONS WHERE PRACTICE APPLIES TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA d. PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL NOT UNDER ACTIVE GRADING. 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 SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.1 FOR THE A. SOIL PREPARATION CRITERIA WOVEN SUT FILM GEOTEXTILE-APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3), AND ENTER THEM IN THE ZZZZZZZZZZZ COORDINATION AND TO AVOID CONFLICTS WITH THIS PLAN. PLAN VIEW TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES EMBED GEOTEXTILE AND — CHAIN LINK FENGE B IN MIN. INTO GROUND AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, L VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS SPECIFICATIONS THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN. a. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE 10 THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH 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 CONDITION, SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL CROSS SECTION FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES E APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE ALL 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 RADIUS. CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED 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 SUMMARY IS TO INSTALL 2% INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES THE POSTS A MINIMUM OF 36 INCHES IE CONTOUR OF THE SLOPE. MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN SECTION B-4-3.A.I.B AND MAINTAIN IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT BE PLACED ON THE PLAN. PPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS REFER TO TABLE B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND UNTIL THE NEXT SEEDING SEASON. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES FASTEN 9 GAUGE 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 INSTRUCTION SPECIFICATIONS STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC OTHER SUITABLE MEANS TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, SECTION 342 CONSTRUCT BERM ON AN UNINTERRUPTED, CONTINUOUS GRADE. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES INSTALL BERM TO CONFORM TO CROSS SECTION DIMENSIONS OF A UNIFORM HEIGHT OF 8 INCHES MINIMUM AND APPROXIMATE WIDTH OF 3½ FEET. PERMANENT STABILIZATION CRITICAL AREA PLANTING TEMPORARY SEEDING SUMMARY 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 PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS. PROVIDE CUTLET PROTECTION AS REQUIRED ON PLAN. APPLIED WHEN THE GROUND THAWS. a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE: RECOMMENDED BY THE SOIL TESTING AGENCY. EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DECREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE. HARDINESS ZONE: 66 INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES 5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT, ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING, ROADWAY TO REMOVE MUD TRACKED ONTO TAXMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACHED. d. FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3 **FERTILIZEI** VERTICAL (3:1); AND SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE EXCEPT FOR THOSE AREAS UNDER ACTIVE REPAIR DAMAGED ASPHALT, REMOVE ACCUMULATED SEDIMENT AND DEBRIS, MAINTAIN POSITIVE DRAINAGE. MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY 1/2 POUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING FOR THE SPECIES, INOCULANTS MUST NOT BE USED LATER THAN THE PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THA GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS. I. SOIL PH BETWEEN 6.0 AND 7.0. UPON REMOVAL OF ASPHALT BERM, RETURN TO ORIGINAL CONDITIONS OR AS SPECIFIED ON APPROVED PLAN. IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY. INDICATED ON THE CONTAINER. ADD FRESH INOCULANTS AS DIRECTED ON THE SEEDING (10-10-10)SPECIES REMOVE ACCUMULATED SCOMMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT REPLACE GEOTEXTILE IF TORN IF UNDERMINING OCCURS, REINSTALL CHARM JAINK FENCING AND GEOTEXTILE. RATE (lb/ac.) DATES PACKAGE. USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: II. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM). ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (Sec. B-4-2), PERMANENT SEEDING (Sec.B-4-5), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHING (SEC. B-4-3), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES IF THE TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL III. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ÉNOUGH FINE GRAINED MATERIAL 40 lb/ac 0.5 INCHES 436 lb./ac. RYEGRASS Aug. 1 to Oct. AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND U.S. DEPARTMENT OF AGRICULTURE TURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION AND MAKE THE INOCULANT LESS EFFECTIVE MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION (GREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A (10 lb./ NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMEN WATER MANAGEMENT ADMINISTRATION COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. I. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A 1,000 sf) SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE. 20 lb/ac May 16 to July 31 0.5 INCHE SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS. GROUND IS FROZEN, INCREMENTAL STABILIZATION (SEC. B-4-1) SPECIFICATIONS DETAIL E-9-3 CURB INLET PROTECTION DETAIL E-1 SILT FENCE DETAIL E-1 SILT FENCE CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING -----SF-----IV. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT SHALL BE ENFORCED IN AREAS WITH >15'OF CUT AND/OR FILL. STOCKPILES (SEC DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE B-4-8) IN EXCESS OF 20 FT. MUST BE BENCHED WITH STABLE OUTLET. ALL CONCENTRATED FLOW, STEEP SLOPE, AND HIGHLY ERODIBLE AREAS SHALL CENTER TO CENTER V. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION. 36 IN MIN. FENCE POST LENGTH DRIVEN MIN. 16 IN INTO GROUND CONSTRUCTION SPECIFICATIONS **B-4-8 STANDARDS AND SPECIFICATIONS** DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST RECEIVE SOIL STABILIZATION MATTING (SEC. B-4-6). USE #000 POSTS 1%, X-1%, ±%, INCH (MINIMUM) SQUARE CUT OF SQUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "I" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT. 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 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 BEEN OBTAINED FROM THE CID. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APAR T16 IN MIN. HEIGHT OF WOVEN SLIT FILM GEOTEXTILE TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR AND FASTERN SHORE, RECOMMENDED CERTIFIED KENTUCKY BEHEGRASS CULTIVARS USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECORELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION. 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 SITE-SPECIFIC SEEDING SUMMARIES THREE 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 HALF THE SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDED AREA WITH A A MOUND OR PILE OF SOIL PROTECTED BY APPROPRIATELY DESIGNED EROSION AND PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE RECOMMENDATION IN SECTION H-1-) MATERIALS, PERCENT OF THE TOTAL MIXTURE BY WEIGHT. BOTH PARCELS Parcel B-28 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. (SOC 1-15) (SOC 9-15) KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND, BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC. TO PROVIDE A DESIGNATED LOCATION FOR THE TEMPORARY STORAGE OF SOIL THAT DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL. TOTAL AREA OF SITE 3.629± AC. 2.30± AC. (Parcel Be. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABL CONTROLS THE POTENTIAL FOR EROSION, SEDIMENTATION, AND CHANGES TO DRAINAGE WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. FENCE POST 48 IN MIN. ABOVE GROUND MEDIUM TO INTENSIVE MANAGEMENT, CERTIFIED PERENNIAL RYEGRASS WOVEN SLIT FILM——— GEOTEXTILE 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 AREA DISTURBED 3.52± AC. 1.35± AC. (at SOC#9) CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER EXTEMD BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALICAMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE. / GROUND AREA TO BE ROOFED OR PAVED 2.71± AC. 0.87± AC. (at SOC#9) FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING, SEEDBED 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE SOIL FOR ∠EDGE OF GUTTER PAN MUST BE FIRM AFTER PLANTING WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT. AREA TO BE VEGETATIVELY STABILIZED CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLA WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES 0.81± AC. 0.48± AC (at SOC#9) REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT, REPLACE GEOTEXTILE IF TORN, IF UNDERMINING OCCUR DEMOSTAL FENCE. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY FENCE POST DRIVEN A MIN. OF 16 IN INTO ONSTRUCTION SPECIFICATIONS HALF THE SEEDING RATE IN EACH DIRECTION. 2,925± CY < 200 CY RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SO iii. TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGHT . USE NOMINAL 2 INCH x 4 INCH LUMBER LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL < 200 CY THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE 2,925± CY . USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SUN TO MEDIUM SHADE CLEARLY INDICATED ON THE OFF-SITE WASTE/BORROW AREA LOCATION NONE 5. NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART). SEED AND FERTILIZER) RECOMMENDED MIXTURE INCLUDES; CERTIFIED TALL FESCUE CULTIVARS 95 TO 100 EROSION AND SEDIMENT CONTROL PLAN. CROSS SECTION IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING. THE APPLICATION . ATTACH A CONTINUOUS PIECE OF X, INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM MOTH C 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2x4 WEIR, EXTENDING IT 2 FEET BEYOND THROAT ON EACH SIDE. PERCENT, CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 0 TO 5 PERCENT. SEEDING THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE RATE: 5 TO 8 POUNDS PER 1000 SQUARE FEET. ONE OR MORE CULTIVARS MAY BE TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS), 200 POUNDS PER ACRE; ANTICIPATED VOLUME OF MATERIAL PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE OF THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH TO THE 2x4 WEIR. AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2.1. BENCHING MUST BE STEP 2 K20 (POTASSIUM), 200 POUNDS PER ACRE. PROVIDED IN ACCORDANCE 6. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAL TO 2x4 ANCHORS (MINIMUM 2 FEET LENGTH). EXTEND THE ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD. II. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHAD WITH SECTION B-3 LAND GRADING TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY 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 BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGED RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING. THE CID. THE SITE AND ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY; AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN 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 FORM THE HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND FACE OF CURB TO SPAN THE INLET OFENING, COVER-THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN ¾, TO 1½, INCH STONE, OR EQUIVALENT RECYCLED CONCRETE. HYDRATED LIME WHEN HYDROSEFDING. 40 PERCENT AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATE: ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT VERY INSPECTION AND SHOULD INCLUDE: CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A 1/2 TO 3 POUNDS PER 1000 SQUARE FEET. AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS. SOIL SURVEY PUBLISHED BY USDA-NRCS. DIVERSION DEVICE SUCH AS WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL INSPECTION TYPE (ROUTINE, PRE-STORM EVENT, DURING RAIN EVENT) NAME AND TITLE OF INSPECTOR AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE: MADE FOR DISCHARGING SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY CONCENTRATED FLOW IN A NON-EROSIVE MANNER WEATHER INFORMATION (CURRENT CONDITIONS AS WELL AS TIME AND AMOUNT THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN OF LAST RECORDED PRECIPITATION) OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS CULTIVAR · BRIEF DESCRIPTION OF PROJECT'S STATUS (E.G., PERCENT COMPLETE) AND/OR APPROPRIATE FROSION/SEDIMENT RECOMMENDATIONS FOR MARYLAND" MULCH MATERIALS (IN ORDER OF PREFERENCE) D. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE. EVIDENCE 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 PHOTOGRAPHS SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS. C. 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 STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT O REQUIREMENT AS WELL AS REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS 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-9-6 COMBINATION INLET DETAIL E-9-6 COMBINATION INLET AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN DETAIL E-9-2 AT-GRADE INLET PROTECTION STABILIZATION. PROTECTION AND ASSURES A PURE GENETIC LINE PROTECTION 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 MAXIMUM DRAINAGE AREA - % ACRE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING MAXIMUM DRAINAGE AREA = 1 ACRE . IDEAL TIMES OF SEEDING FOR TURE GRASS MIXTURES TOPSOIL SPÉCIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA: WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING. MONITORING/SAMPLING WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: 5B, USE NOMINAL 2 INCH x 4 INCH LUMBER CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE 2 FT MIN. LENGTH ----OF 2 IN x 4 IN "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 MAINTENANCE AND/OR CORRECTIVE ACTION PERFORMED OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS. LIFT GRATE, AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS, THEN CRATE BACK IN PLACE. APPROPRIATE COLOR TO FACILITATE MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 2 IN × 4 IN WER SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRACMENTS, GRAVEL, STICKS, ROOTS, TRASH, THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (NPDES, MDE). 1/4 IN GALVANIZED— HAROWARE CLOTH VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY SOUTHERN MD. EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. ATTACH A CONTINUOUS PIECE OF \$ INCH GALVANIZED HARDWARE CLOTH WITH A MINIMUM WIDTH O 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2X4 WEIR EXTENDING 2 FEET BEYOND THROAT ON EACH SIDE. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING 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. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO. THE STOCKPILE NONWOVEN GEOTEXTILE WCEM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A AREA MUST BE KEPT FREE OF EROSION. IE THE VERTICAL HEIGHT OF A STOCKPILE PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE THE SAME DIMENSIONS AS THE HARDWAR CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH IT TO THE WER. TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM . TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS. 2 TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED. REMOVE NAIL THE 2X4 WER TO THE TOP OF A 9 INCH LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WER AND THE INLET FACE (MAXIMUM 4 FEET APART). SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, ANY MAJOR CHANGES OR REVISIONS TO THE PLAN OR SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE HSCD PRIOR TO & IN HARDWARE CLOTH-STONES AND DEBRIS OVER 1 1/2 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE QUACK GRASS, JOHNSON GRASS, NUT SEDGE, POISON XY, THISTLE, OR OTHERS AS SPECIFIED. 7. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL TO 2X4 ANCHORS (MINIMUM 2-FOOT LENGTHS OF 2x4 INCH TO THE TOP OF THE WER AT SPACER LOCATIONS). EXTEND 2X4 ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD. WRE TIES-TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON ROCEEDING WITH CONSTRUCTION, MINOR REVISIONS MAY ALLOWED BY THE CID NONWOVEN GEOTEXTILE— APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES PER THE LIST OF HSCD-APPROVED FIELD CHANGES. k. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT 3. INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND BOTH ENDS OF THE THROAT OPENING. PLAN / CUT AWAY VIEW AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS. GROWTH (1/2 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY DISTURBANCE SHALL NOT OCCUR OUTSIDE THE L.O.D. A PROJECT IS TO BE FORM THE & INCH HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND AGAINST. THE FACE OF THE GURB, ON BOTH SIDES OF THE INLET. PLACE CLEAN %, TO 1%, INCH. STONE OR EQUIVALENT RECYCLED CONCRETE OVER THE HARDWARE CLOTH AND GEOTEXTILE. USUA A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE. STANDARDS AND SPECIFICATIONS ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE SITES. 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. FOR DUST CONTROL CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC. O. AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLE - 34 TO 11/2 IN STON WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL CONTROLLING THE SUSPENSION OF DUST PARTICLES FROM CONSTRUCTION ACTIVITIES. b. 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 OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. PERMANENT SEEDING SUMMARY M DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDMEN R EACH RAIN VENET TO MAINTAIN FUNDTON AND AVOID PREMATURE CLOGGING. IF INLET ECTION DOES NOT COMPLETELY ORAIN WITHIN 124 HOURS AFTER A STORM EVENT, IT IS CLOGGED. IT HIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE CEOTEXTILE AND APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY 1 MILLIMETER, PH 2 IN x 4 IN ANCHOR RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM. HARDINESS ZONE: 6b ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND SEED MIXTURE: #9 (Tall Fescue/ Kentucky Bluegrass) WASH WATER FROM ANY EQUIPMENT, VEHICLES, WHEELS, PAVEMENT, AND OTHER SOURCES MUST BE TREATED IN A SEDIMENT BASIN OR OTHER APPROVED WASHOUT STRUCTURE. FERTILIZER MUST BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER OFF-SITE DAMAGE INCLUDING HEALTH AND TRAFFIC HAZARDS. RATE APPLICATION SEEDING DATES DEPTHS (10-20-20) RATE 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 CROSS SECTION SPECIES CONDITIONS WHERE PRACTICE APPLIES AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT 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 OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL TOPSOIL SHALL BE STOCKPILED AND PRESERVED ON-SITE FOR REDISTRIBUTION ONTO FINAL GRADE CONSTRUCTION SPECIFICATIONS K IN GALVINIZED HARDWARE CLOTH BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION. L2 IN x 4 IN WER *Certified Tall Fescue blend . USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS. TREATMENT. GRATE WRAPPED -(95% by weight): Falcon IV LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS Mar. 1 to May 15, 1/4 - 1.0 lb/ 1000 90 lb SPECIFICATIONS Penn 1901 & Rebel Exeda Aug. 15 to-Oct. 15 1/2 IN. s.f. 1000 s.1 AND BE IMBRICATED AT 25 MINIMUM INTERVALS, WITH LOWER ENDS CURLED UPHILL BY 2' IN ELEVATION. PLACE CLEAN % TO 1/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE THE SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES 1000 s.f. APPLICATION RATE TO 2.5 TONS PER ACRE. MULCHES: SEE SECTION B-4-2 SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS, SECTION 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 WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT Certified Kentucky Bluegrass (45 lb/acre) B-4-3 SEEDING AND MULCHING, AND SECTION B-4-4 TEMPORARY STABILIZATION, MULCH MUST BE STREAM CHANNELS MUST NOT BE DISTURBED DURING THE FOLLOWING RESTRICTED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOCGING. INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT CLOGGED, WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEC 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO blend (5% by weight): ANCHORED TO PREVENT BLOWING. SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER TIME PERIODS (INCLUSIVE): • USE I AND IP MARCH 1 - JUNE 15 VEGETATIVE COVER: SEE SECTION B-4-4 TEMPORARY STABILIZATION. 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. TILLAGE: TILL TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE, BEGIN PLOWING ON USE III AND IIIP OCTOBER 1 - APRIL 30 WINDWARD SIDE OF SITE, CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED 2011 MARYLAND DEPARTMENT OF ENVIRONMENT U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE * Other cultivars listed as "proven" in the most current UMD TT-77 may also be used USE IV MARCH 1 - MAY 31 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE 2011 MARYLAND DEPARTMENT OF ENVIRONMENTAL RESOURCES CONSERVATION SERVICE 2011 WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE URAL RESOURCES CONSERVATION SERVICE HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT THAT MAY PRODUCE THE DESIRED A COPY OF THIS PLAN, THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER). FOR SOIL EROSION AND SEDIMENT CONTROL, AND ASSOCIATED PERMITS SHALL BE ON-SITE AND AVAILABLE WHEN THE SITE IS ACTIVE. IRRIGATION: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST, REPEAT AS NEEDED. THE SIT MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING DETAIL E- 9-1 STANDARD INLET PROTECTION DETAIL E- 9-1 STANDARD INLET PROTECTION 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 GENERAL SPECIFICATIONS EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM BARRIERS: SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND 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 SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. INSTRUCTION SPECIFICATIONS A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO a. CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE TYPE A MAXIMUM DRAINAGE AREA = 1/4 ACRE CHEMICAL TREATMENT: USE OF CHEMICAL TREATMENT REQUIRES APPROVAL BY THE APPROPRIATE USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS. 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 MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR. SS THROUGH A #20 MESH SIEVE. E AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3.7 EXCAYATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION b. 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, THIS PRACTICE SHOULD FOLLOW THE CONTOUR. 1/4 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP 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 INTO THE GROUND AT EACH CORNER OF THE INLET PLACE MAIL STRIPS BETWEEN THE POSTS ON THE INDEX OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2X4 FRAME AS SHOWN, STRETCH \$\frac{1}{2}\text{NOT} \text{CALLANIZED HARDWARE CLOTH HIGHLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTHE SECURELY TO THE HARDWARE CLOTH WITH THES SPACED EVERY 24 HOLIES AT THE TOP AND AND SECTION, EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 NICHES BELOW THE WERE CREST. THE EINDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEM FASTENED TO THE POST. GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE LLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER \$000 SQUARE FEET) PRIOR TO THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD c. 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 15 IN MIN. NOTCH ELEVATION CELLULOSE FIBER PER 100 GALLONS OF WATER. GRASP ON THE UPPER 10 PERCENT OF THE SECTION. IL SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRA MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND d. SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL. **APPROVED** e. SOD MUST BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS, SOD BACKERL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES. CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF NOT TRANSPLANTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL ASPHALT BINDERS IS STRICTLY PROHIBITED PLANNING BOARD OF HOWARD COUNTY LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH SCIENTIST PRIOR TO ITS INSTALLATION. WOVEN SLIT FILM GEOTEXTILE ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG. . SOD INSTALLATION 18 IN INTO GROUND NOVEMBER 03, 2016 TYPE A TYPE B DURING PERIODS OF EXCESSIVELY HIGH TEMPÉRATURE OR IN AREAS HAVING DRY SUBSOIL ISOMETRIC VIEW LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD. LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER. STAGGER LATERAL JOINTS T THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT PROMOTE MORE UNIFORM GROWTH AND STRENGTH, ENSURE THAT SOD IS NOT STRETCHED CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS. FOR PUBLIC WATER & SEWERAGE SYSTE 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 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 THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLET THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN SECTION FOR TYPE A AND B VFD: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONIN ENGINEER'S CERTIFICATE DEVELOPER'S/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 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION a. IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 2011 MARYLAND DEPARTMENT OF ENVIRONMENT U.S. SEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF HE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE INCHES. WATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING. THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT." 5-30-67). AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE hief. Division of Land Development**nu** Date 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 4/26/17 4/26/17 5.23.17 THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED. Chief, Development Engineering Division 🔏 🗀 SEDIMENT CONTROL NOTES and DETAILS OF MARK SCALE GLWGUTSCHICK LITTLE & WEBER, P.A. PROFESSIONAL CERTIFICATION PREPARED FOR: MAPLE LAWN FARMS NO SCALE PROPERTY OWNER/DEVELOPER: HEREBY CERTIFY THAT THESE PLANS CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS WERE PREPARED OR APPROVED BY GREENEBAUM ENTERPRISES, INC. **WESTSIDE DISTRICT - AREA** 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK E, AND THAT I AM A DULY LICENSED 1829 REISTERSTOWN RD, SUITE 300 PROFESSIONAL ENGINEER UNDER THE BURTONSVILLE, MARYLAND 20866 BUILDING No. 14 (Hotel) and BUILDING No. 15 (Office) BALTIMORE, MD 21208 LAWS OF THE STATE OF MARYLAND, TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186 ATTN: MARK BENNETT LICENSE NO. 12975 (PARCELS B-27 and B-28) XPIRATION DATE: MAY 26, 2018 410-484-8400 **APRIL 2017**

E\CADD\DRAMMSS\03067\14084 (HOTE)\PLANS by GEN\SDP\14084 (04-05) SC.dmg | DES. mbt | DRN. KLP | CHK. mbt

REVISION

BY APP'R

SDP-16-00

G. L. W. FILE No.

14084

SHEET

5 OF 9

MXD-3

TAX MAP - GRID

46 - 3

HOWARD COUNTY, MARYLANI

PLATS 19867-19872 and 24215-24210

LECTION DISTRICT No. 5

TEMPORARY ASPHALT BERM

CROSS SECTION

PAVED SURFACE

[==] CIP

F 2 FT MIN. LENG

SANDBAG OR
OTHER APPROVED
ANCHORING METHO

MAXBIUM DRAMAGE AREA = 14 ACRE

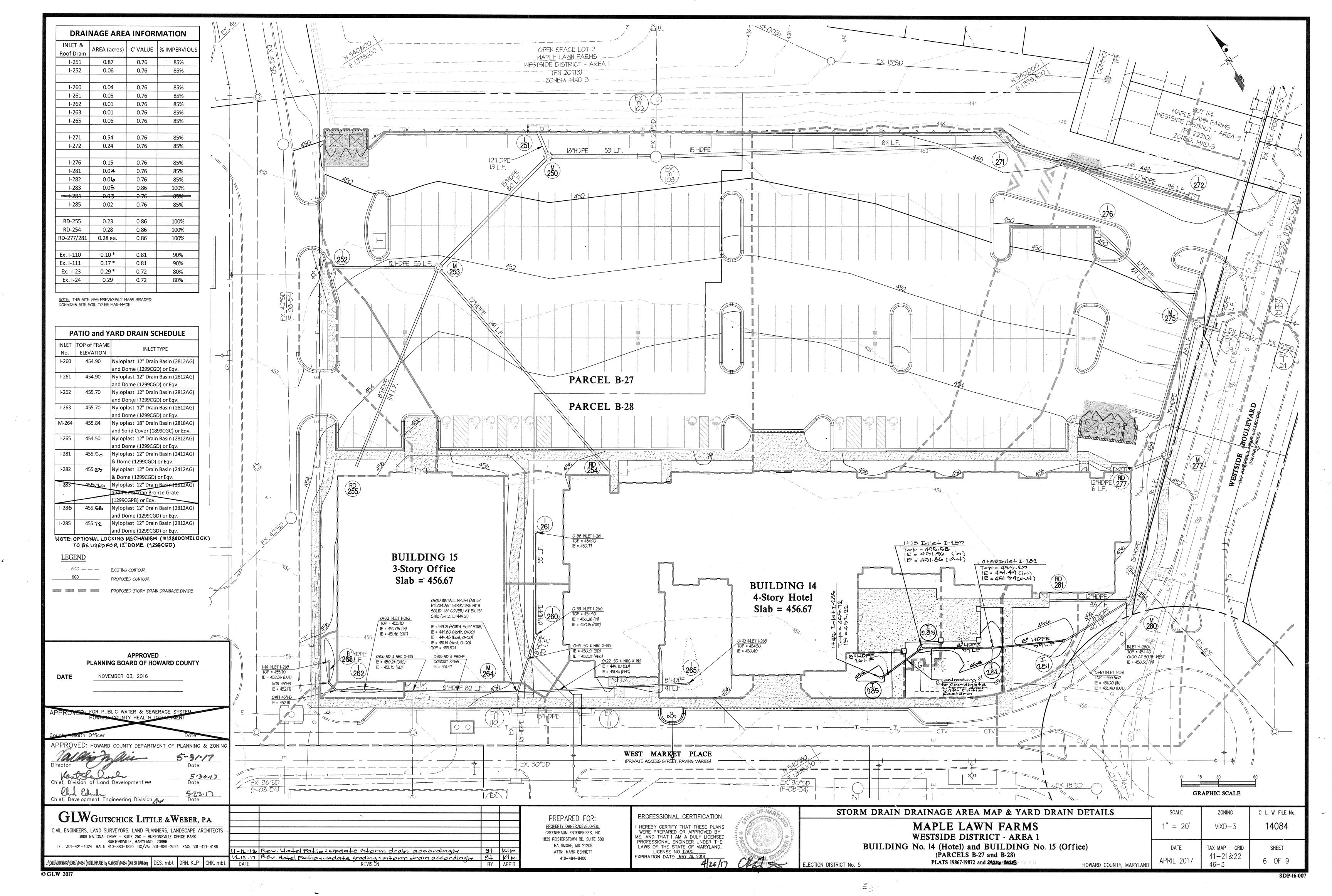
SECTION A-A

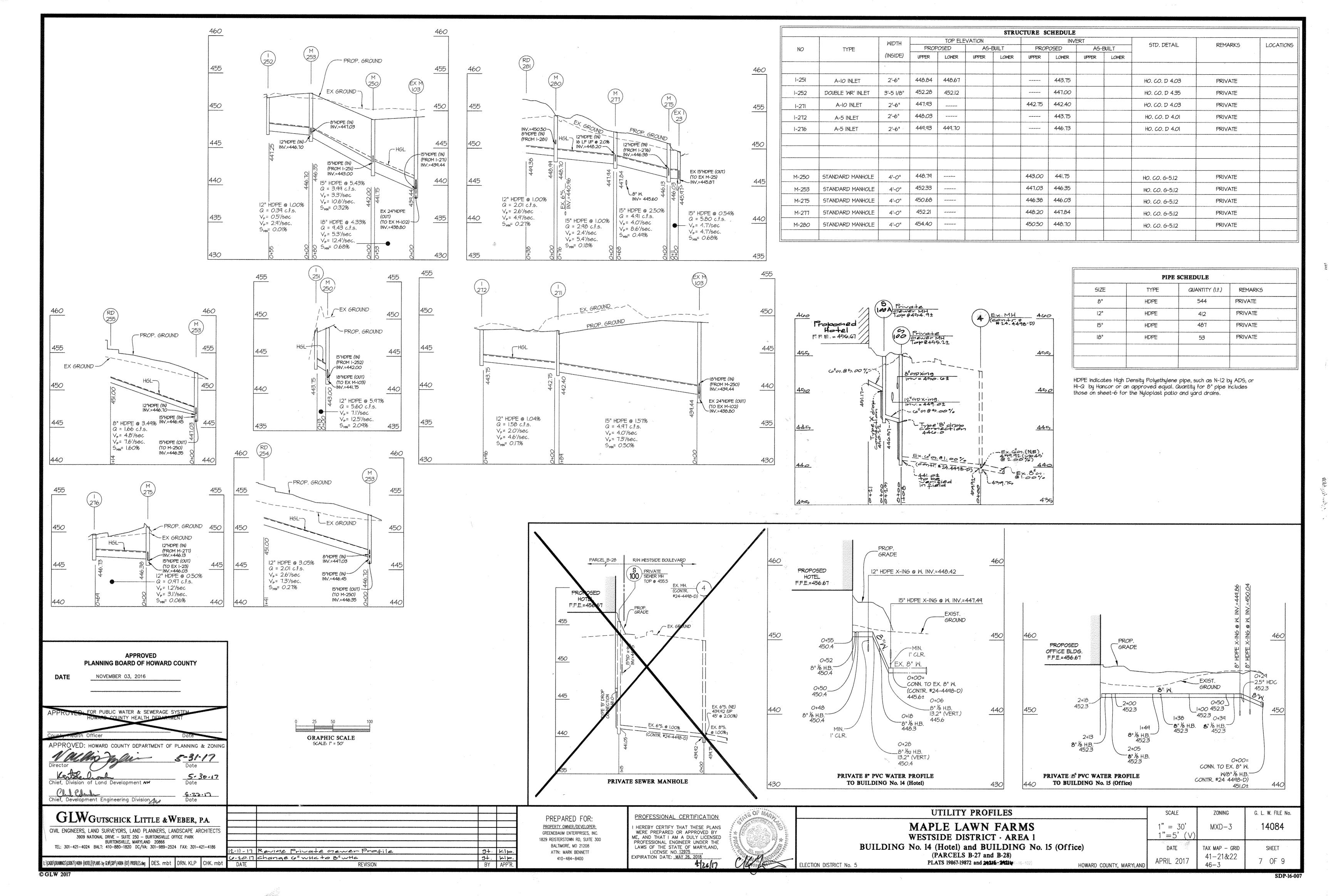
2 IN × 4 IN WEIR-

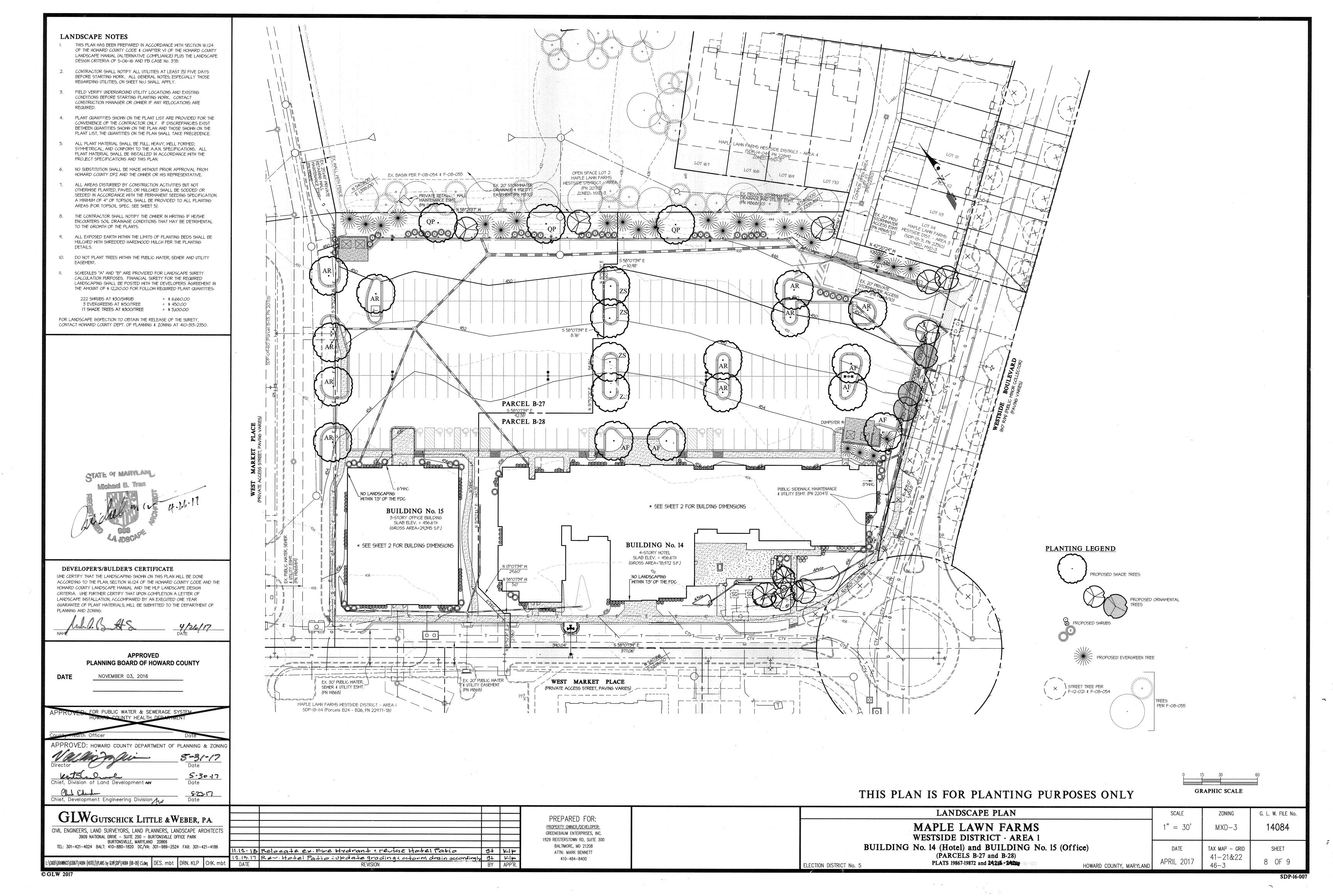
16 FT MAX. SPACING OF 34 TO 11/2 STONE -

2 IN x 4 IN ANCHORS, 2 FT MIN. LENGTH

PROTECTION







. PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNIS AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPLAN ALL OF THE PLANT MATERIALS CALLED FOR ON DRAWING AND/OR LISTED IN THE PLANT SCHEDULE.

I. PLANT NAMES

PLANT NAMES USED IN THE PLANT SCHOOLE SHALL CONFORM WITH "STANDARDIZED PLAN" NAMES," LATEST EDITION.

. PLANT STANDARDS

ALL PLANT MATERIAL SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE "USA STANDA" D 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, VICTOROUS, WELL-BRANCHED AND WITH HEALTHY, WELL-FURNISHED ROOT SYSTEMS. THEY SHALL BE FREE OF DISEASE, INSECT PESTS AND MECHANICAL

ALL PLANTS SHALL BE NURSERY GROWN AND SHALL HAVE BEEN GROWN UNDER THE SAME CLIMATE CONDITIONS AS THE LOCATION OF THIS PROJECT FOR AT FAST TWO YEARS BEFORE PLANTING. NEITHER HEELET IN PLANTS NOR PLANTS FROM COLD STORAGE WILL BE ACCUPTED.

PLANT MEASUREMENTS

GENERALLY AS FOLLOWS:

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 FUR-INCH (4") CALIPER AND THELVE (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

CALIPER	HEIGHT	SPRED	SIZE OF BALL
	TILICATI		JIZE OF DIVEL

3" - 3.5"	14'-16'	6'-8	32" DIAMETER
3.5"- 4"	14'-16'	8'-IA	36" DIAMETER
4" - 4.5"	16'-18'	8'-Ia	40" DIAMETER
4.5"- 5"	16'-17'	10'-1	44" DIAMETER
5" - 5.5"	16'-20'	10°-12	48" DIAMETER
5.5"- 6"	18'-20'	12'-14	52" DIAMETER

ALL PLANT MATERIAL SHALL GENERALLY AVERAGE THE MEDIAN FOR THE SIZE RANGES INDIVATED ABOVE AS INDICATED IN THE "AAN STANDARD

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 PON REQUEST BY THE BUILDER OR DEVELOPER, AT LEAST IN (10) DAYS PRIOR TO THE INSTALLATION OF ANY PROPOSED PLANT MATERIAL, INSPECT ALL PROPOSED PLANT MATERIAL AT THE JOURCE 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 SELSONS AS DESCRIBED IN THE FOLLOWING:

> APPROVE PLANNING BOARD OF HOWARD COUNTY

> > NOVEMBER 03, 2016

FOR PUBLIC WATER & SEW

Chief, Development Engineering Division

. 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

SPECIFICATIONS: PLANT MATERIALS AND PLANTING METHODS

THE PLANTING OF EVERGREEN MATERIAL SHALL BE FROM MARCH 15TH TO JUNE 15TH AND FROM AUGUST 15TH TO DECEMBER 1ST. NO PLANTING SHALL BE DONE WHEN 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.

C. IF AREAS ARE DESIGNATED AS SHRUB BEDS OR HEDGE TRENCHES, THEY SHALL BE EXCAVATED TO AT LEAST 18" DEPTH MINIMUM. AREAS DESIGNATED FOR GROUND COVERS AND VINES SHALL BE EXCAVATED TO AT LEAST 12" IN DEPTH MINIMUM.

D. DIAMETER AND DEPTH OF TREE PITS SHALL GENERALLY BE AS FOLLOWS:

PLANT SIZE	ROOT BALL	<u>PIT DIA.</u>	PIT DEPTH
3" - 3.5"CAL.	32"	64 ¹¹	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.

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

ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE

HOWARD COUNTY LANDSCAPE MANUAL AND THE MLF LANDSCAPE DESIGN CRITERIA.

INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT

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

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.

B. ALL TRENCHES AND SHRUB BEDS SHALL BE EDGED AND CULTIVATED TO THE LINES SHOWN ON THE DRAWING. THE AREAS AROUND ISOLATED PLANTS SHALL BE EDGED AND CULTIVATED TO THE FULL DIAMETER OF THE PIT. SOD WHICH HAS BEEN REMOVED AND STACKED SHALL BE USED TO TRIM THE EDGES OF ALL EXCAVATED AREAS TO THE NEAT LINES OF THE PLANT PIT SAUCERS, THE EDGES OF SHRUB AREAS, HEDGE TRENCHES AND VINE POCKETS.

C. AFTER CULTIVATION, ALL PLANT MATERIALS SHALL BE MULCHED WITH A 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.

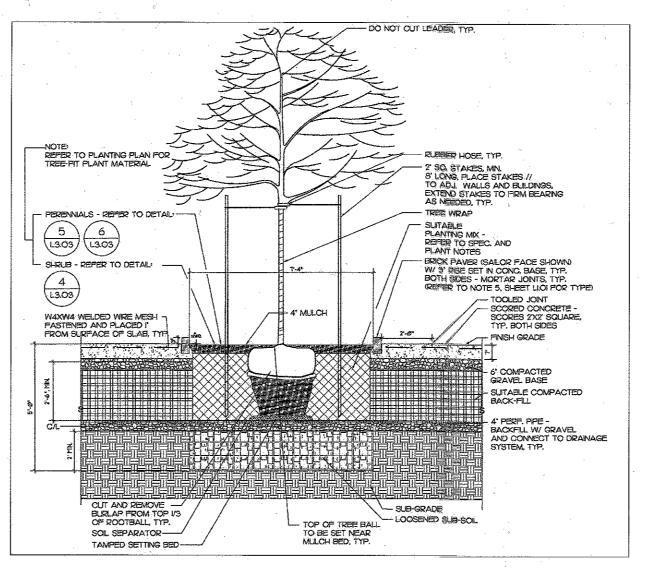
A. FOR THIS PURPOSE, THE "GROWING SEASON" SHALL BE THAT PERIOD BETWEEN THE END OF THE "SPRING" PLANTING SEASON, AND THE COMMENCEMENT OF THE "FALL" PLANTING SEASON.

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.

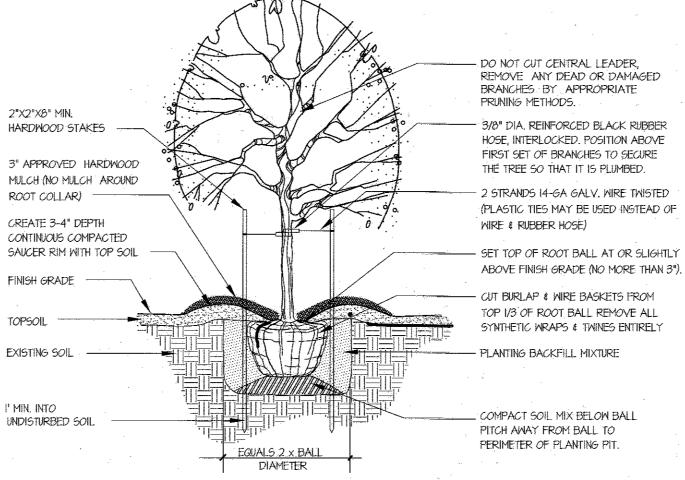
SODDING

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

ALL SOD SHALL BE STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD AND FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. PROVIDE ONLY SOD CAPABLE OF GROWTH DEVELOPMENT WHEN PLANTED AND IN STRIPS NOT MORE THAN 18" WIDE X 4" LONG. PROVIDE SOD COMPOSED PRINCIPALLY OF IMPROVED STRAIN KENTUCKY BLUEGRASS, SUCH AS. COLUMBIA, VICTA, OR ESCORT.

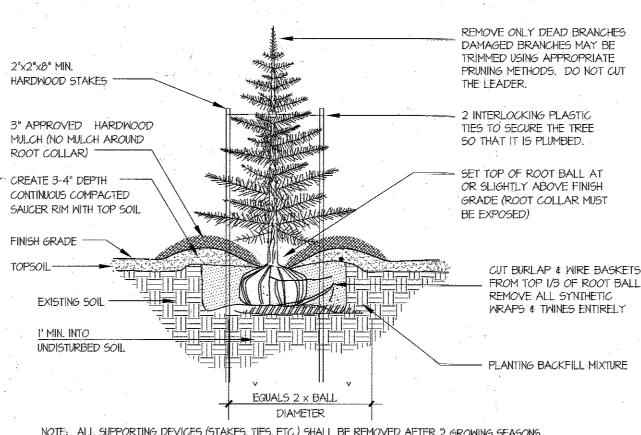


TREE PLANTER DETAIL



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



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

EVERGREEN TREE PLANTING DETAIL

NOTE: SET ROOT BALL AT OR SLIGHTLY ABOVE FINISH GRADE. CONTAINERS TO BE REMOVED PRIOR TO PLANTING. SCARIFY ROOT EDGES TO STIMULATE GROWTH. 3" MULCH - AS SPECIFIED -MOUNDED EARTH SAUCER-(FOR ISOLATED PLANTING SITUATION) PLANTING BACKFILL MIXTURE SCARIFY SOIL BELOW ROOTBALL EXISTING SOIL ---SHRUB PLANTING DETAIL * SEE SHEET 2 FOR BUILDING DIMENSIONS

CATEGORY	PROJECT PERIMETER ADJACENT TO ROADWAY (MESTSIDE BLVD.)	PROJECT PERI ADJACENT TO PROPERTIES	Maria Company of the	* BUILDING LENGTH (REAR & SIDES)	* BUILDING LENGTH (REAR & SIDES)
LOCATION / USE SITUATION	PARKING	DUMPSTER #I (HOTEL)	DUMPSTER #2 (OFFICE)	SIDES & REAR OF OFFICE BUILDING	SIDES & REAR OF HOTEL
LANDSCAPE BUFFER TYPE	TYPE E	TYPE 'C'	TYPE C	A I SHRUB PER 4 LF OF BLDG LENGTH	A I SHRUB PER 4 LF OF BLDG LENGTH
LINEAR FEET OF ROADWAY/ PERIMETER FRONTAGE/BLDG.	81'	21'	14'	310.00' [110.0'(side)+110.0'(side)+90.0'(rear)]	490.9' [117.7'(side)+66.4'(side)+306.8'(rear)
CREDIT FOR EX. VEGETATION (YES, NO; LINEAR FEET; DESCRIBE BELOW IF	NONE	NONE	NONE	NONE	NONE
NEEDED)					
CREDIT FOR WALL, FENCE OR BERM (YES, NO; LINEAR FEET; DESCRIBE BELOW IF NEEDED)	NONE	NONE	NONE	NONE	NONE
NUMBER OF PLANTS REQUIRED	3				
SHADE TREES				N/A	N/A
EVERGREEN TREES ORNAMENTALS	WA WA	2 WA	. N/A	N/A N/A	N/A
SHRUBS	21	N/A N/A	N/A	18	123
NUMBER OF PLANTS PROVIDED					
SHADE TREES	0	0	0	N/A	N/A
EVERGREEN TREES	N/A	2	1,	N/A	N/A
ORNAMENTALS	WA	N/A	N/A	N/A	N/A
SHRUBS	21			18	23
SUBSTITUTIONS MADE	6 ORNAMENTALS FOR 3 SHADE TREES	2 EVERGREENS FOR SHADE TREE	2 EVERGREENS FOR SHADE TREE		
LANDSCAPE SURETY REQUIRED SCHEDULE 'A' NUMBER OF SHADE TRESCHEDULE 'A' NUMBER OF SHRUBS FOR SCHEDULE 'A' NUMBER OF SHRUBS FOR SCHEDULE 'A' NUMBER OF ORNAMENTA	ES FOR BONDING: I TREES FOR BONDING: R BONDING:	5 x \$ 300 = 3 x \$ 150 = 22 x \$ 30 = 0 x \$ 150 =	\$ 1,500.00 \$ 450.00 \$ 6,660.00 0.00	BOND AMOUNT BREAK-DOWN HOTEL OFFICE BLDG: \$ 1,200.00 \$ 300.00 \$ 300.00 \$ 150.00 \$ 4,320.00 \$ \$2,340.00 n/a n/a	

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

SCHEDULE B PARKING	LOT INTERNAL LANDSCAPING	· · · · · · · · · · · · · · · · · · ·	
NUMBER OF PARKING SPACES	225 NEW SURFACE PARKING SPACES.		
WMBER OF TREES REQUIRED (I shade tree per 20 parking spaces)	12 (1 on Parcel B-27 and II on Parcel B-28)		
UMBER OF TREES PROVIDED		 	
SHADE TREES	MORE THAN 12		
OTHER TREES (2:1 substitution)	N/A	 	

\$ 5,820.00 \$2,790.00

LANDSCAPE SURETY REQUIRED FOR SCHEDULE-B

SCHEDULE 'B' NUMBER OF SHADE TREES FOR BONDING: 12 x \$300 = \$3,000.00 (\$300 for Parcel B-27 and \$3,300 for Parcel B-28)

TOTAL LANDSCAPE SURETY FOR SCHEDULE-A \$ 8610.00

		-	PLANT LIST	
SYMBOL	QUANT.	SIZE	NAME (BÖTANICAL/COMMON) OF PLANTS FOR SELECTION BY OWNER/BUYER	COMMENTS
$\frac{AR}{OP}$	10	2.5" - 3" CAL.	ACER RUBRUM 'OCTOBER GLORY'/ OCTOBER GLORY RED MAPLE QUERCUS PALUSTRIS / PIN OAK	ALL B¢B
$\frac{\sqrt{z}}{zs}$	4		ZELKOVA SERRATA VILLAGE GREEN' / VILLAGE GREEN ZELKOVA	
AF	5		ACER X FREEMANII 'ARMSTRONG' / ARMSTRONG MAPLE	
	3	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
	Ю .		CERCIS CANADESIS / EASTERN REDBUD	
*	25	8' HT. MIN.	PICEA QMORIKA / SERBIAN SPRUCE or PICEA ABIES / NORWAY SPRUCE	ALL B&B, INTACT LEADER
⊗	154	ALL 24" - 30" SPREAD	CHOOSE FROM THE FOLLOWING: MAHONIA AQUIFOLIUM / OREGON GRAPE HOLLY ILEX CRENATA 'HELLEI' / DWARF JAPANESE HOLLY ILEX GLABRA 'COMPACTA' / DWARF INKBERRY CARYOPTERIS X CLANDONENSIS / BLUEBEARD ABELIA X 'ROSE CREEK'/ ROSE CREEK ABELIA ABELIA X GRANDIFLORAY GLOSSY ABELIA	ALL CONTAINERIZED.
			DEUTZIA GRACILIS/ SLENDER DEUTIZIA DWARF FEMALE JAPANESE SKIMMIA / DWARF FEMALE JAPANESE SKIMMIA BUXUS MICROPHYLA WINTER GEM / WINTER GEM BOXWOOD	
•	39	24"-30" MIN. SPREAD	CHOOSE FROM THE FOLLOWING: ILEX CRENATA 'HELLEI' / DWARF JAPANESE HOLLY ILEX GLABRA 'COMPACTA' / DWARF INKBERRY TAXUS MEDIA 'DESIFORMIS' / DENSIFORMIS YEM	
No.	37	36" HT. MIN.	VIBURNUM RHYTIDOPHYLLUM / LEATHERLEAF VIBURNUM	
	29	36" HT. MIN.	VIBURNUM RHYTIDOPHYLLUM / LEATHERLEAF VIBURNUM or SKIMMIA JAPONICA 'RUBELLA' / SKIMMIA 'RUBELLA'	

1. 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 GOMPLIANCE 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.

GLWGUTSCHICK LITTLE & WEBER, P.A. 3909 NATIONAL DRIVE - SUITE 250 - BURIONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20860

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLAINERS, LANDSCAPE ARCHITECTS TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

:\CADD\BRANNGS\C33667\14084 (HOTEL)\PLANS by GLIN\SDP\14084 (08-09) LS.dng | IES. mbt | DRN. KLP | CHK. mbt DATE REVISION BY APP'R.

4/26/17

PREPARED FOR: PROPERTY OWNER/DEVELOPER: GREENEBAUM ENTERPRISES, INC. 1829 REISTERSTOWN RD, SUITE 300 BALTIMORE, MD 21208 ATTN: MARK BENNETT 410-484-8400

MAPLE LAWN FARMS **WESTSIDE DISTRICT - AREA 1** BUILDING No. 14 (Hotel) and BUILDING No. 15 (Office) (PARCELS B-27 and B-28) ELECTION DISTRICT No. 5

LANDSCAPE DETAILS SCALE G. L. W. FILE No. 14084 NO SCALE MXD-3TAX MAP - GRID 41-21&22 9 OF 9 APRIL 2017 PLATS 19867-19872 and 24215-24215-16-102) HOWARD COUNTY, MARYLAND

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