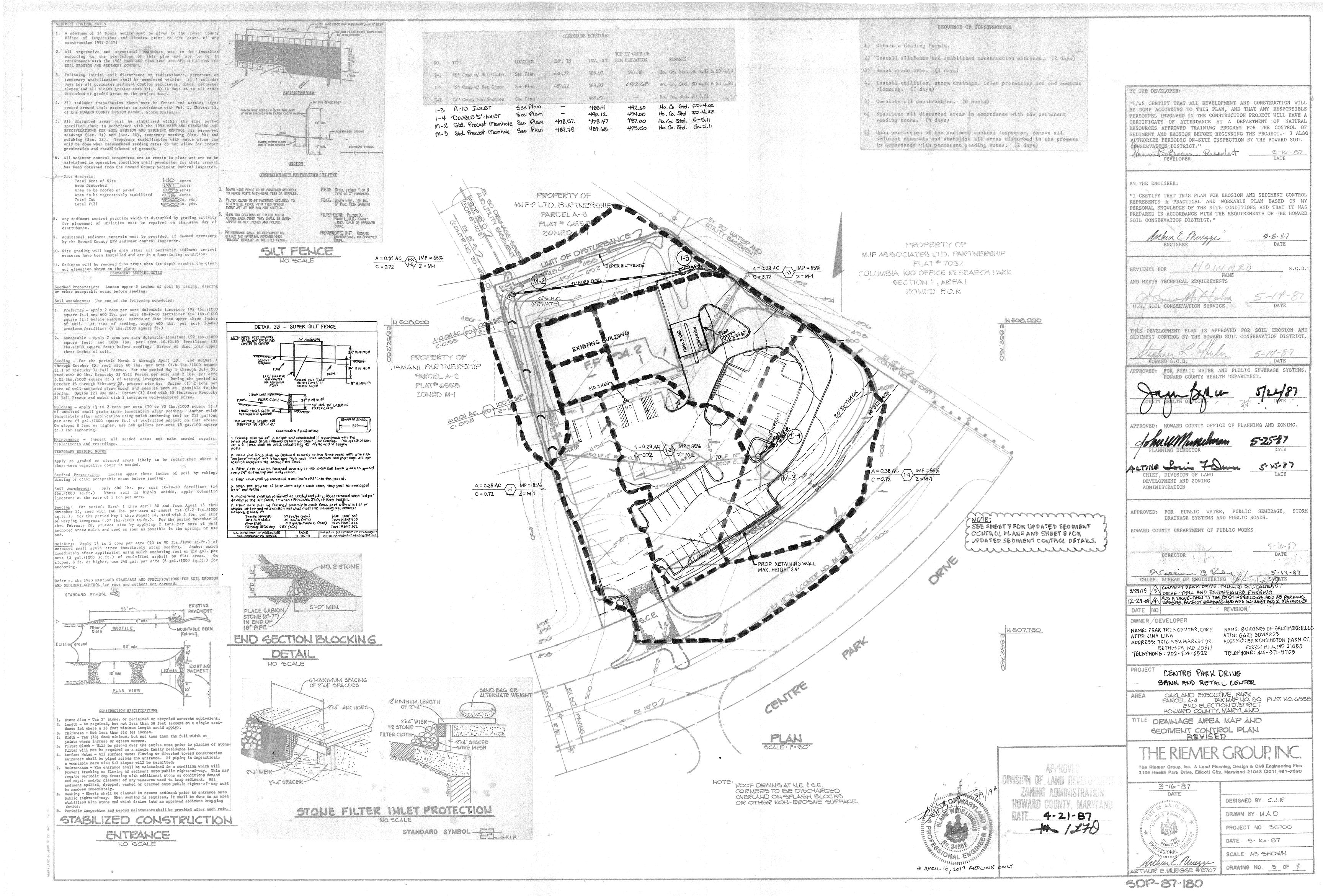


\* APRIL 16, 2019 REDLINE ONLY

5DP-87-180



PARRINGLU	TIMEEDIALLAMEDOOADILO	٨.	
Number of parking spaces	TINTERNAL LANDSCAPING	8.	KE
Number of trees required		3	AF
Number of trees provided			Q
Shade Trees Other Trees (2:1 Subst	itutian)	3	V
			J
LANDSCAPE	SCHEDULE NOTE:	_	ال
WITH HRD PLANTING SPECI 2. CONTRACTOR SHALL VERIF 3. FINAL LOCATION OF PLANT TREES SHALL NOT BE PLAN 4. CONTRACTOR SHALL VERIF LANDSCAPE SCHEDULE, TH	Y LOCATION OF ALL UNDERGROUND UTILLT MATERIAL MAY NEED TO VARY TO MEET FIN TED IN THE BOTTOMOF DRAINAGE SWALES Y PLANT GUANTITIES PRIOR TO BIDDING, IF	alled in accordan IES prior to Dig Gi (AL FIELD CONDITION FPLAN DIFFERS FRO	₩6. Ns.
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UPHILL SIDE

PLAN VIEW

PLANTING DETAIL FOR STEEP SLOPES

ince plantag betall

LONG STAKE-

DOUBLE IZ" GALVANIZED WIKE GUYS TWISTED -

6'x 2"x2" OAK STAKE, NOTCH STAKES TO HOLD WIRE

AS IN NURSERY -

REMOVE BURLAP OFF OF ROOT BALL -

TOP SOIL MIXTURE -

		7				a ta			* - A
						7-25-74-78-88-88-88-88-88-88-88-88-88-88-88-88-	TO FOR THE PARTY OF THE SOURCE STATE OF THE PARTY OF THE	Religious service de monte appearant de	rightermanilette
Ĺ		PROPOSED LANDSC	APE SCHEDULE		SCHE	DULE A			Art. III turkininin
KEY QUAN. BOTANICALI		BOTANICAL NAME	SIZE	REM.	PERIMETER L		CAPE EDGE ADJACENT TO PERIMETER		
AR	2	Acer Rubrum 'October Glory'	2 1/2" -3"cal.	8&8	CATEGORY	PRO	PERTIES	IND ROAL	YAWC
Q	7	October Glory Red Maple Quercus Rubrum	2 1/2"-3"Cal.	8&8	Perimeter/Frontage Designation Landscape Type		2 A	3 A	
		Norther Red Oak	21/21-31(8).	040	Linear Feet of Roadway Frontage/Perimeter	Z98.	146'	238'	2
<b>V</b>	14	Virburnum Carlesi Korean Spieco Virburnum	2"-2-1/2"Ht.	Container	Credit for Existing Vegetetion (Yes, No, Linear Feet	Yes	Yes	Yes	一、
J	60	Juniperus Horizontalis 'Hughes' Andorra Juniper	18"-24"spd.	вав	Describe below if needed) Creditfor Well, Fence or Berm	163	1 63	162	<u> </u>
٦h	36	Juniperus Horizontalis 'Plumosa' Andora Juniper	15"-18° spà.	8&8	(Yes, No. Linear Feet Describe below if needed)	No	No	No	
	<u> </u>	1 Villow Op diables		<u> </u>	Number of Plants Required Shade Trees	1:60 5	1:60 ~	1:60 4	1:4
					Evergreen Trees Shrobs		-		1:4
•					Number of Plants Provided Shede Trees	0+	0**	1***	Ť
					Evergreen Trees	-	,	~	
					Other Trees (2:1 Substitution) Shrubs (10:1 Substitution) Describe Plant Substitution Credits Below iFneeded)	~	1	20***	
	XT 5° SALICER TER TWICE WIT	C RUM-FLOOD FUIN 24 HOURS		TE P.	*Credit for the existing 81 shrubs in Perime  *Credit for the existing 83 shrubs in Perime  **Credit for 1 existing shadetree; 20shru  *****Credit for 2 existing evergree ns for 1 si	The state of the s	for 2 shade er 4.	treesinper	-imek
"MULCH				8.9 8/1	MUR-2 LTQ, PARTMER	SHIP "	The same of the sa	· ·	
					PARCOLL AND			and the same of th	<u> </u>
			$=$ $(S_{-n})$		2 HLAT* 4668	S. A.			The state of the s
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To the state of th	ting and the second			3,00	M-2)	32		T	+ and
				ÖVE	12"HDEE	(149")	JA T		<u> </u>
7 _ 6	HORT S	TAKE	22 pm	an experiment of the contractive		The second second			j

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ZOWER M-1

- SHORT STAKE

DOWN HILL SIDE

- 12" LENGTH OF RUBBER HOSE

1/2 OF TREE HEIGHT (APPROX. 3 FEET)

2" MULCH MOUNDED TO COVER ROOT BALL AND FORM SAUCER

- 4'X Z"X Z" OAK STAKE :

NO SCALE

6TANDARD6

- COMVEX BOTTOM

-SPRAY WITH WILT-PROOF

ACCORDING TO MANUFACTURERS

-WRAP TRUNK AND LARGE BRANCHES WITH WATERPROOF TREE WRAP. THE AT

24" INTERVALS (EXCEPT EVERGREENS)

COLISTRUCT 3" SAUCER RIM-FLOOD

- GROUND LINE SAME AS IN NURSERY

WITH WATER TWICE WITHIN 21 HOURS

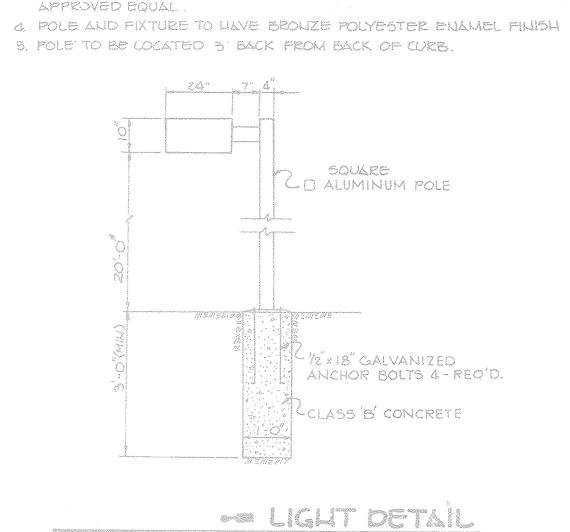
SHAPED DEPRESSION

DRIVEN TO MULCH LEVEL

Observ			PLANT LIST	
<u>Gear</u>	Symbol	Name	S 1. Z B.	Remarks
5	Ar Ar	AGER RUBRUM Red Maple	2½-3" Gal., 13-15 he	B&B, Full Head
2	Q A	QUERGUS <b>KUDRUM</b> Northern Red Oak	2½-3" Gal., 13-15" )	ata B&B, Full Head
3	M	MALUS KATHERINE Katherine Grabapple	1\$2" Cal., 7-8" ht.	B&B, Full Head
G,	Ps :	PINUS STROBUS Eastern White Pine	23-3" Cal., 6-8" ht.	B&B, Well-Branch unSheared
501		FORSYTHIA SUSPENSA Weeping Forsythia	2-3° ht.	B&B, or Containe
6	I	LLEX GLABRA COMPACTA Compact Inkberry	18-24" ht.	B&B, or Containe
9.7	J	JUNIPERUS HORIZONTALIS 'HUGHES' Anderra Juniper	18-24" spd.	B&B, or Containe
153	Jħ	JUNIPERUS HORIZONTALIS 'PLUMOSA' Andora Juniper	15-18" spd.	B&B, or Containe
9	Pm	PINUS MUGHO MUGHUS Mugho Pine	18-2 <sup>4</sup> " spd.	Container
38	V	VIBURNUM CARLESI Korean Spice Viburnum	2-25° bt.	Container

MUFF ASSEMBLATERS LIED. SAKTE ARROSES

49Jh



No Scale

! ALL LIGHT FIXTURES TO BE SHIGLE LUMINAIRE 850 WATT

2. LOCATIONS OF LIGHT FIXTURES ARE ON THE PLAN AND ARE

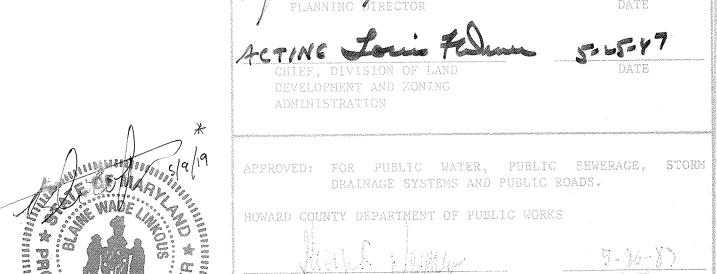
MERCURY TYPE IL" LIGH WITH METAL POLES AND DIRECTED DOWNWARD,

3. LIGHTS TO BE MODULE IT TYPE AS MANUFACTURED BY MOLDCAST OR

NOTES:

SHOWN THUS

令mile 1.35数 1 。 為較多為 1 PROP. RETAINING WALL MAX. HEIGHT 2.9 EXISTING STREET TREES ASPER F-84-174



POUBLE FIXTURE BAGG

PROPOSED TREES

3/29/19/5 COVERT BANK DRIVE THRU TO RESTAURANT DRIVE-THRU AND RECONFIGURE PARKING
12-29-04 ADD A DRIVE-THRU TO THE EXISTING BUILDING. ADD 25 PARKING SPACES. ADJUST GRADING AND ADD AN INVET AND 2 MANHOLES.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,

HOWARD COUNTY HEALTH DEPARTMENT.

NAME: PEAR TREE CENTER, CORP. NAME: BURGERS OF BALTIMORE II, LLC ATTN: JINA LINA ATTN: GART EDWARDS
ADDRESS: 7516 NEWMARKET DR.
BETHESDA, MD 20827 FOREST HILL, MD 21050 TELEPHONE: 202-714-6522 TELEPHONE: 410-371-9705

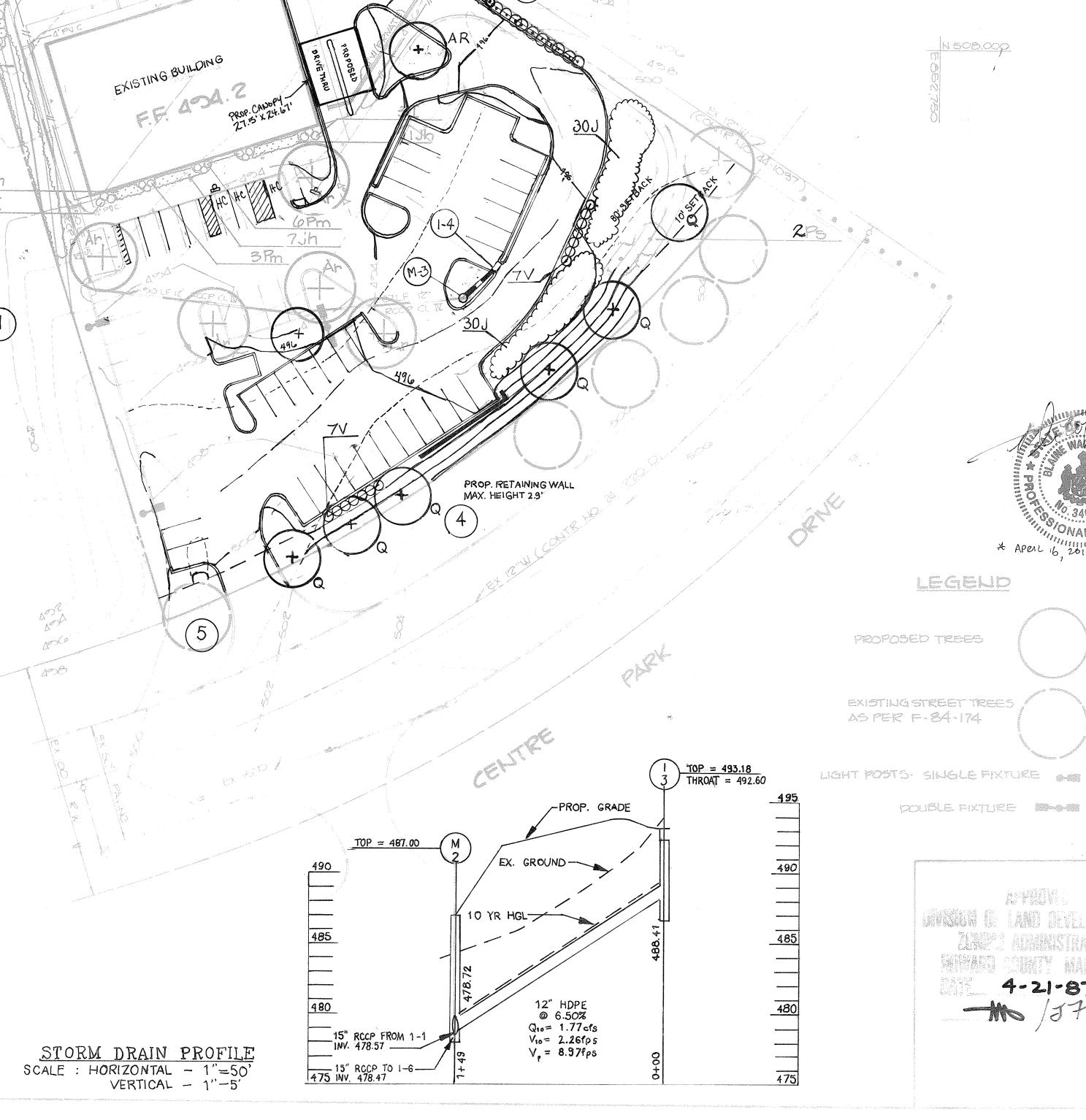
> CENTRE PARK DRIVE BANK AND RETAIL CENTER

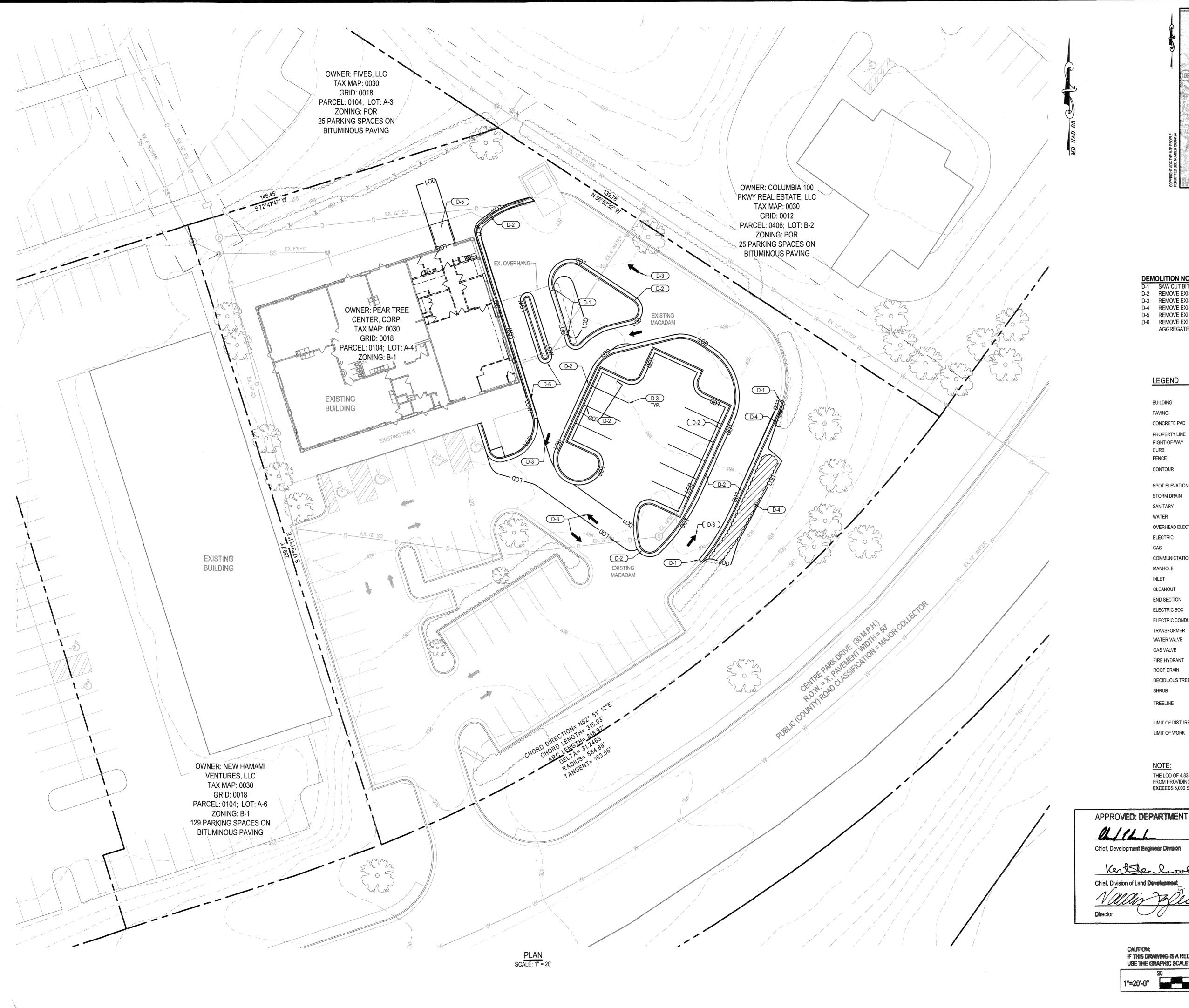
OAKLAND EXECUTIVE PARK
PARCEL A-4 TAX MAP NO 30 PLAT NO 6558
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

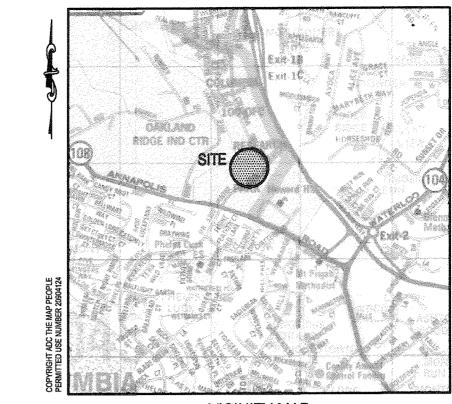
REVISED PALITILG ÉLIGHTING PLAN



DESIGNED BY R.L.H. DRAWN BY CL.H. PROJECT NO 361700 DATE 5-13-87 SCALE (" = 30' DRAWING NO 4 OF 1







VICINITY MAP SCALE: 1" = 2,000'

- DEMOLITION NOTES
  D-1 SAW CUT BITUMINOUS CONCRETE PAVING / CONCRETE CURB AND GUTTER.

- D-1 SAW COT BITOMINOUS CONCRETE PAYING / CONCRETE CORB AND GOTT
  D-2 REMOVE EXISTING CONCRETE CURB AND GUTTER.
  D-3 REMOVE EXISTING PAVEMENT MARKING.
  D-4 REMOVE EXISTING TREES AND SHRUBS.
  D-5 REMOVE EXISTING CONCRETE WALK.
  D-6 REMOVE EXISTING CONCRETE CURB AND GUTTER. RETAIN EXISITNG AGGREGATE BASE.

LEGEND

**EXISTING** DEMOLISH EX. BLDG. BUILDING EX. PAVING **PAVING** CONCRETE PAD EX. CONC. PROPERTY LINE \_\_\_\_ RIGHT-OF-WAY magning production and continues to the production of the continues of the CURB FENCE CONTOUR SPOT ELEVATION x 14.85 STORM DRAIN anaraninananan W masaninananina OVERHEAD ELECTRIC

is not the single-entergrades of  $\bigcap_{n=1}^\infty$  , appealing states in the paper. COMMUNICTATIONS 000 CLEANOUT END SECTION CJ E.B. ELECTRIC BOX

ELECTRIC CONDUIT · E.C. TRANSFORMER -CF-WV WATER VALVE GAS VALVE -KZ- GV FIRE HYDRANT ORD **ROOF DRAIN** DECIDUOUS TREE

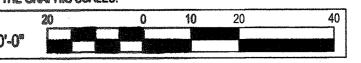
LIMIT OF DISTURBANCE ——LOD——

THE LOD OF 4,835 S'FT IS LESS THAN 5,000 S'FT THEREFORE THE IMPROVEMENTS ARE EXEMPT FROM PROVIDING SWM. ANY FUTURE IMPROVEMENTS WHERE THE CUMULATIVE DISTURBANCE EXCEEDS 5,000 S'FT, THEN SWM SHALL BE ADDRESSED.

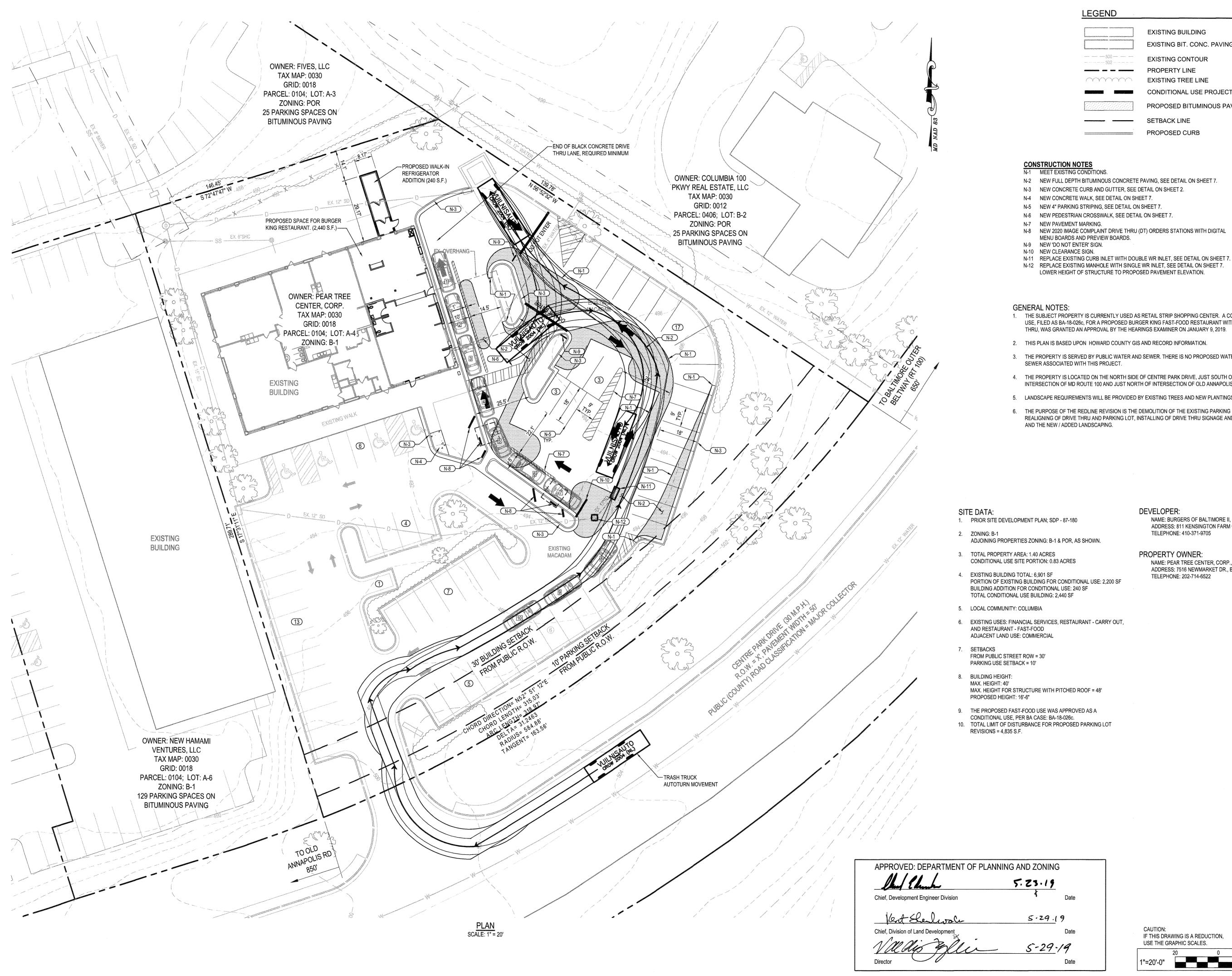
----LOW-----

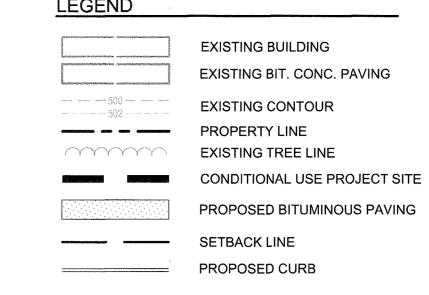
APPRO <b>VED: DEPARTMENT OF P</b> LAN	NING AND ZONING	
Oh / Elinh	5.23.19	¥.,
Chief, Development Engineer Division	Date	
KentSleelwork	5-29-19	
Chief, Division of Land Development	Date	
Valdis Pli	5-29-19	
Director	Date	

CAUTION: IF THIS DRAWING IS A REDUCTION, USE THE GRAPHIC SCALES.







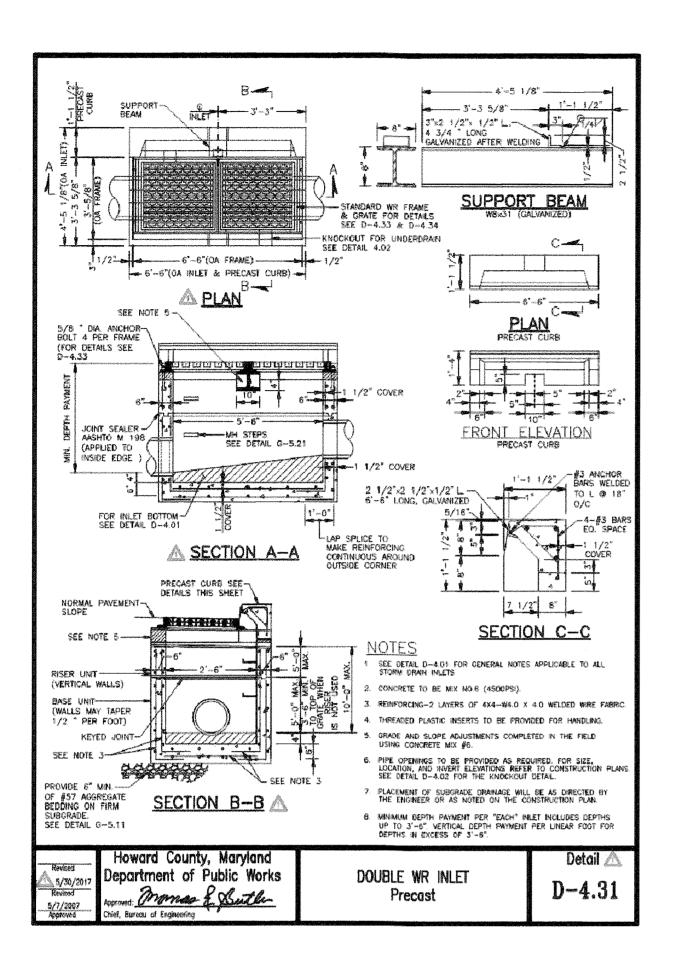


- N-2 NEW FULL DEPTH BITUMINOUS CONCRETE PAVING, SEE DETAIL ON SHEET 7.
- 1. THE SUBJECT PROPERTY IS CURRENTLY USED AS RETAIL STRIP SHOPPING CENTER. A CONDITIONAL USE, FILED AS BA-18-026c, FOR A PROPOSED BURGER KING FAST-FOOD RESTAURANT WITH DRIVE
- 3. THE PROPERTY IS SERVED BY PUBLIC WATER AND SEWER. THERE IS NO PROPOSED WATER AND
- 4. THE PROPERTY IS LOCATED ON THE NORTH SIDE OF CENTRE PARK DRIVE, JUST SOUTH OF INTERSECTION OF MD ROUTE 100 AND JUST NORTH OF INTERSECTION OF OLD ANNAPOLIS RD (RT 108).
- 5. LANDSCAPE REQUIREMENTS WILL BE PROVIDED BY EXISTING TREES AND NEW PLANTINGS.
- 6. THE PURPOSE OF THE REDLINE REVISION IS THE DEMOLITION OF THE EXISTING PARKING ISLANDS, REALIGNING OF DRIVE THRU AND PARKING LOT, INSTALLING OF DRIVE THRU SIGNAGE AND EQUIPMENT

NAME: BURGERS OF BALTIMORE II, LLC; ATTN: GARY EDWARDS ADDRESS: 811 KENSINGTON FARM CT, FOREST HILL, MD 21050 TELEPHONE: 410-371-9705

NAME: PEAR TREE CENTER, CORP., ATTN: JINA LINA ADDRESS: 7516 NEWMARKET DR., BETHESDA, MD 20817

SDR-87-180



CURB AND GUTTER

6" Combination Curb and Gutter

Private

CONCRETE

6" COMBINATION CURB AND GUTTER

NOTE:

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

Howard County, Maryland

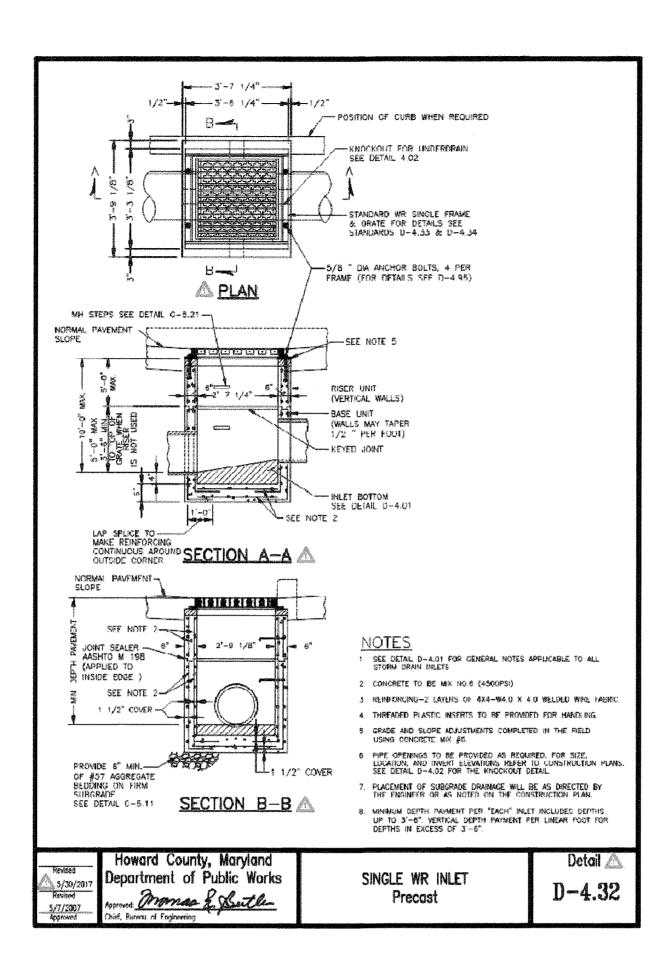
Approved: <u>Dromas</u> & Sutle

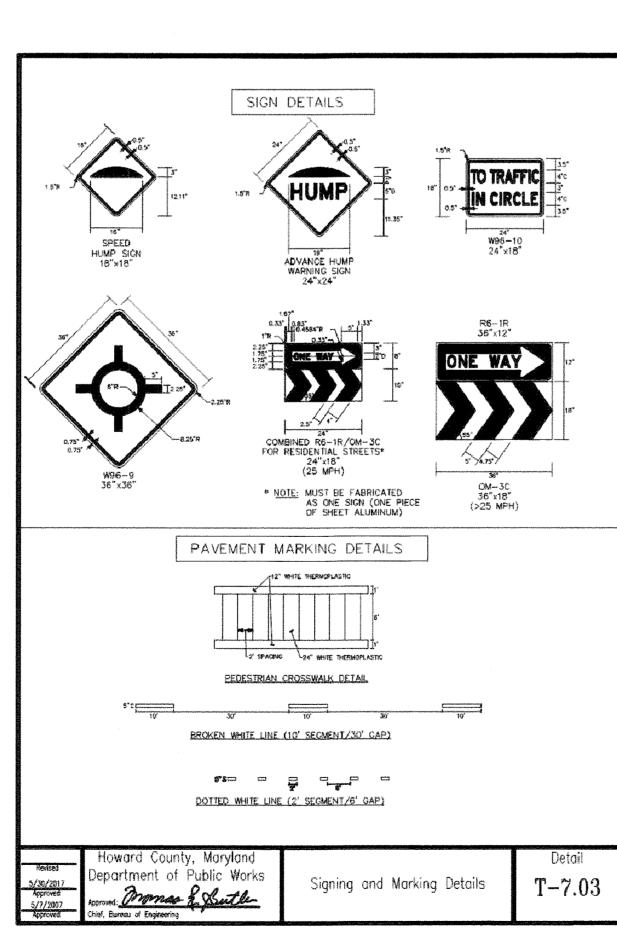
Department of Public Works

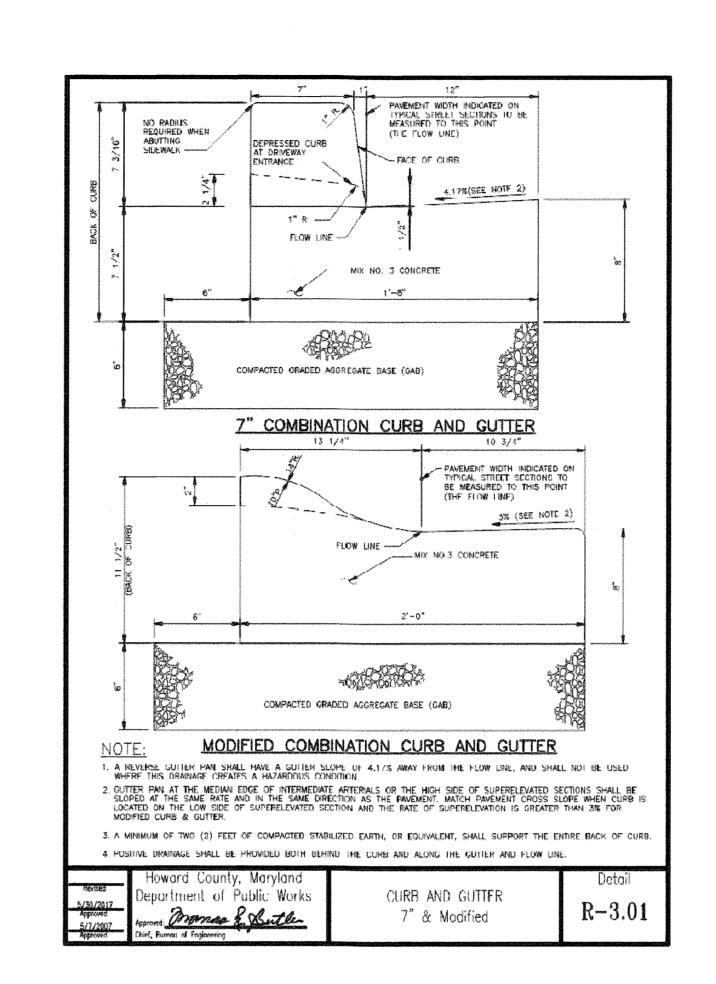
DEPRESSED CURB AT DRIVEWAY

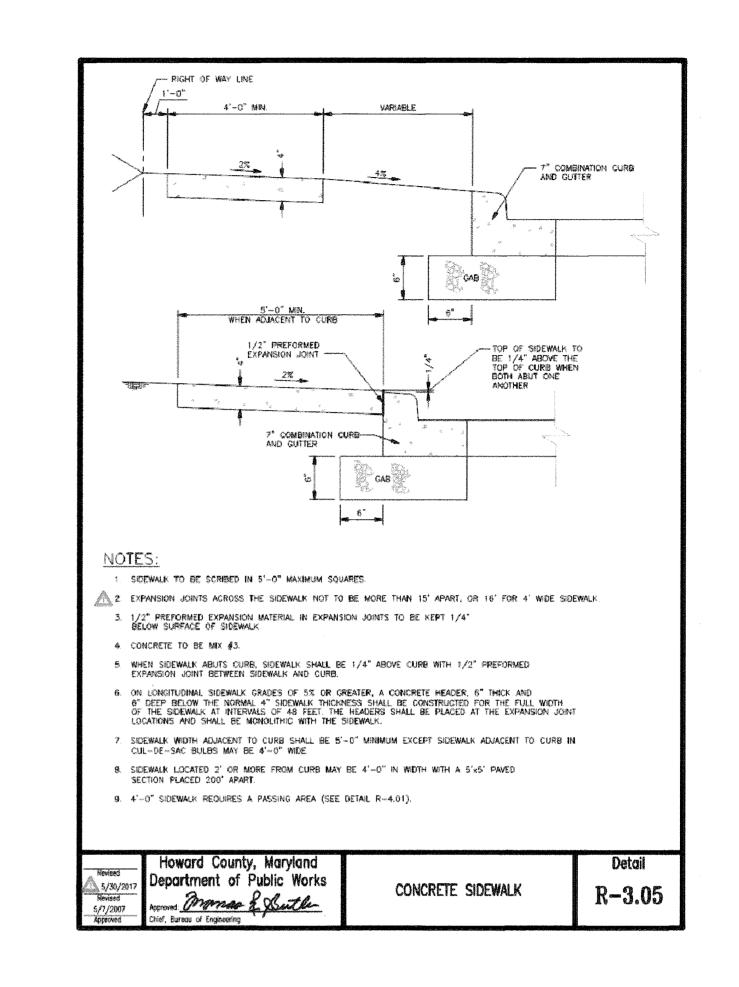
- REVERSE GUTTER PAN WITH 4.17% SLOPE AWAY FROM FLOW LINE

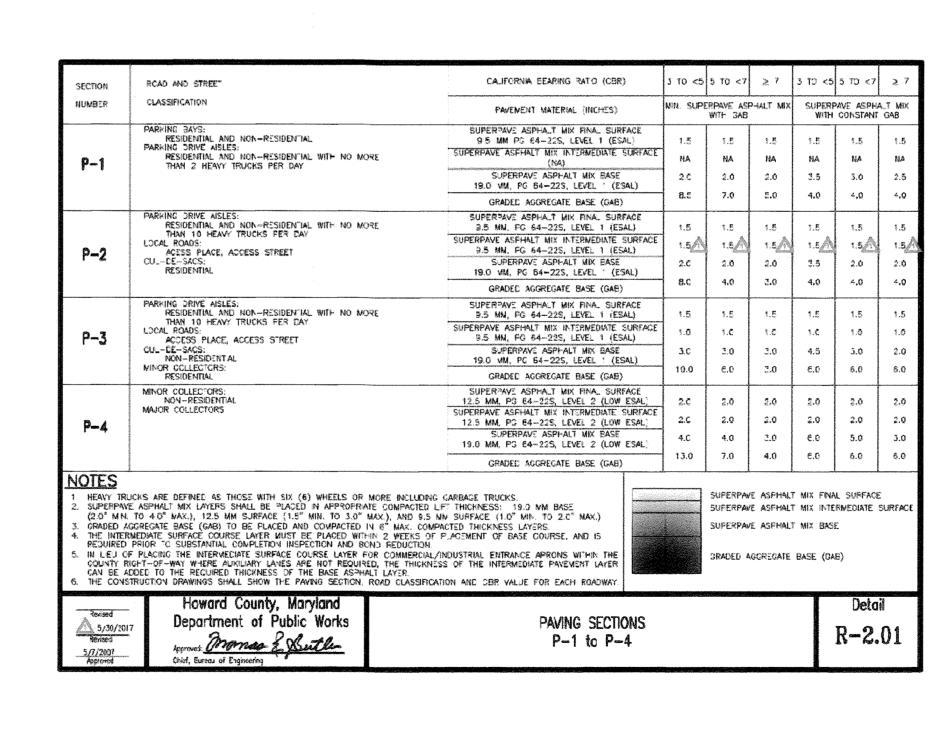
R - 9.01

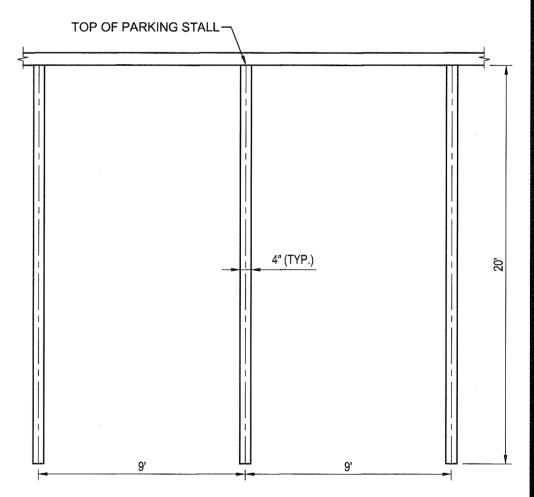












1. PAINT IS TO BE WHITE TRAFFIC PAINT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (TWO (2) COATS REQUIRED)

2. DETAIL SHOWS TYPICAL SPACE DIMENSIONS. SEE PLAN FOR SPACE LOCATIONS.

PLAN

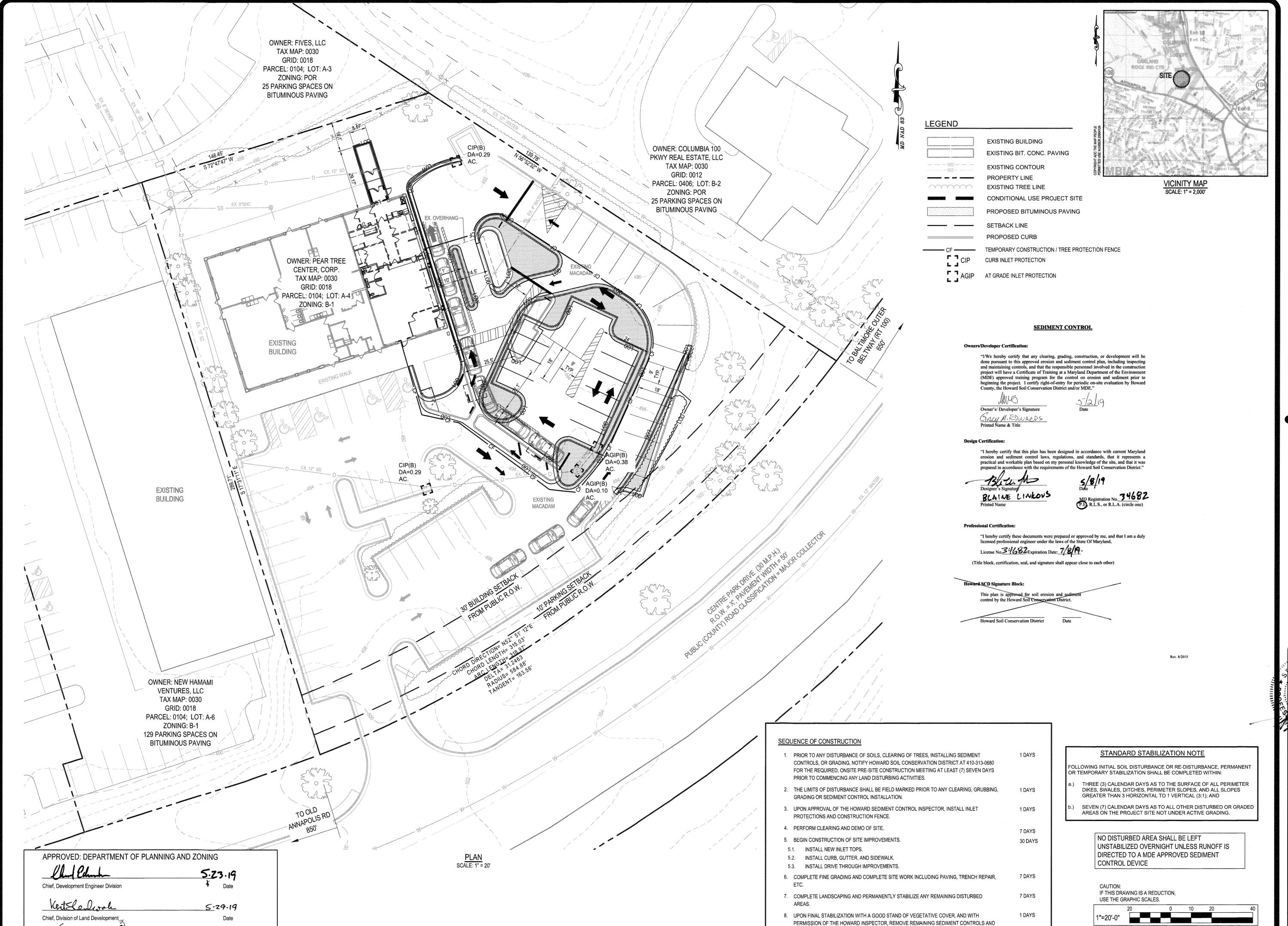


Shad Educate	5.23.19
Chief, Development Engineer Division	<b>⋠</b> Date
Vert Den Iwale	5-29-19
Chief, Division of Land Development	Date
Valdio Blice	5-29-19

BANK BANK

CENTRE PARK DRIVE E SETAIL CENTER 8835 CENTRE PARK DRIVE

7 OF 11



PERMANENTLY STABILIZE ANY AREA DISTURBED BY SUCH REMOVAL.

5-29-19

Date

MAGE: DECEMBER 2017 DES PARK DRIVE I SENTER CENTRE I

8 OF 11

### HOWARD SOIL CONSERVATION DISTRICT (HSCD) STANDARD SEDIMENT CONTROL NOTES

- 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 clearly in the field. A minimum of 48 hour notice to CID must be given at the following stages:
  - a. Prior to the start of earth disturbance,
  - 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 of another grading unit, d. Prior to the removal or modification of sediment control practices.

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.

- All vegetative and structural practices are to be installed according to 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 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 vertical (3:1); and seven (7) calendar days as to all other disturbed areas on the project site except for those areas under active grading.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 2011 MARYLAND STANDARDS AND 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 ground is frozen. Incremental stabilization (Sec. B-4-1) specifications shall be enforced in areas with >15' of cut and/or fill. Stockpiles (Sec. B-4-8) in excess of 20 ft. must be benched with stable outlet. All concentrated flow, steep slope, and highly erodible areas shall receive soil stabilization matting (Sec. B-4-6).
- 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.

### 6. Site Analysis:

rinaiyətə,		
Total Area of Site:	0.83	Acres
Area Disturbed:	0.11	Acres
Area to be roofed or paved:	0.09	Acres
Area to be vegetatively stabilized:	0.02	Acres
Total Cut:	0	Cu. Yds
Total Fill:	0	Cu. Yds
Offsite waste/borrow area location:		

- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the 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 should include:

  - Inspection date
  - Inspection type (routine, pre-storm event, during rain event) Name and title of inspector
  - Weather information (current conditions as well as time and amount of last recorded precipitation)
  - Brief description of project's status (e.g., percent complete) and/or current activities
  - 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
  - Monitoring/sampling Maintenance and/or corrective action performed
  - Other inspection items as required by the General Permit for Stormwater Associated with Construction Activities (NPDES, MDE).
- 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.
- 10. Any major changes or revisions to the plan or sequence of construction must be reviewed and approved by the HSCD prior to proceeding with construction. Minor revisions may allowed by the CID per the list of HSCD-approved field changes.
- 11. Disturbance shall not occur outside the L.O.D. A project is to be sequenced so that grading activities begin on one grading unit (maximum 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 the HSCD, no more than 30 acres cumulatively may be disturbed at a given time.
- 12. Wash water from any equipment, vehicles, wheels, pavement, and other sources must be treated in a sediment basin or other approved washout structure.
- 13. Topsoil shall be stockpiled and preserved on-site for redistribution onto final grade.
- 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.
- Stream channels must not be disturbed during the following restricted 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
- 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

## **B-4-5 STANDARDS AND SPECIFICATIONS**

## PERMANENT STABILIZATION

To stabilize disturbed soils with permanent vegetation.

To use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils.

Conditions Where Practice Applies

## Exposed soils where ground cover is needed for 6 months or more

Howard SCD Signature Block:

This plan is approved for soil erosion and sediment

control by the Howard Soil Conservation District.

ward Soil Conservation District

- a. Select one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardiness Zone (from Figure B.3) and based on the site condition or purpose found on Table B.2. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding Summary. The Summary is to be placed on the plan.
- b. Additional planting specifications for exceptional sites such as shorelines, stream banks, or dunes or for special purposes such as wildlife or aesthetic treatment may be found in USDA-NRCS Technical Field Office Guide, Section 342 - Critical Area Planting.
- c. For sites having disturbed area over 5 acres, use and show the rates recommended by the soil
- d. For areas receiving low maintenance, apply urea form fertilizer (46-0-0) at 3 ½ pounds per 1000 square feet (150 pounds per acre) at the time of seeding in addition to the soil amendments shown in the Permanent Seeding Summary.
- a. Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites which will receive a medium to high level of maintenance
- b. Select one or more of the species or mixtures listed below based on the site 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 plan.
- i. Kentucky Bluegrass: Full Sun Mixture: For use in areas that receive intensive management. Irrigation required in the areas of central Maryland and Eastern Shore. Recommended Certified Kentucky Bluegrass Cultivars Seeding Rate: 1.5 to 2.0 pounds per 1000 square feet. Choose a minimum of three Kentucky bluegrass cultivars with each ranging from 10 to 35 percent of the total mixture by weight.
- ii. Kentucky Bluegrass/Perennial Rye: Full Sun Mixture: For use in full sun areas where

rapid establishment is necessary and when turf will receive medium to intensive management. Certified Perennial Ryegrass Cultivars/Certified Kentucky Bhregrass Seeding Rate: 2 pounds mixture per 1000 square feet. Choose a minimum of three Kentucky bluegrass cultivars with each ranging from 10 to 35 percent of the total mixture by weight,

iii. Tall Fescue/Kentucky Bluegrass: Full Sun Mixture: For use in drought prone areas and/or for areas receiving tow to medium management in full sun to medium shade. Recommended mixture includes; Centified Tall Fescue Cultivars 95 to 100 percent, Certified Kentucky Bluegrass Cultivars 0 to 5 percent. Seeding Rate: 5 to 8 pounds per 1000 square feet. One or more cultivars may be blended.

lawns. For establishment in high quality, intensively managed turf area. Mixture includes; Certified Kentucky Bluegrass Cultivars 30 to 40 percent and Certified Fine Fescue and 60 to 70 percent. Seeding Rate: 11/2 to 3 pounds per 1000 square feet.

iv. Kentucky Bluegrass/Fine Fescue: Shade Mixture: For use in areas with shade in Bluegrass

Publication, Agronomy Memo #77, "Turfgrass Cultivar Recommendations for Maryland" Choose certified material. Certified material is the best guarantee of cultivar purity. The certification program of the Maryland Department of Agriculture, Turf and Seed Section,

Select turfgrass varieties from those listed in the most current University of Maryland

provides a reliable means of consumer protection and assures a pure genetic line c. Ideal Times of Seeding for Turf Grass Mixtures

Western MD: March 15 to June 1, August 1 to October 1 (Hardiness Zones: Sb, 6a) Central MD: March 1 to May 15, August 15 to October 15 (Hardiness Zone: 6b) Southern MD, Eastern Shore: March I to May 15, August 15 to October 15 (Hardiness Zones: 7a, 7b)

- d. Till areas to receive seed by disking or other approved methods to a depth of 2 to 4 inches, level and rake the areas to prepare a proper seedbed. Remove stones and debris over 11/2 inches in diameter. The resulting seedbed must be in such condition that future mowing of grasses will
- e. If soil moisture is deficient, supply new seedings with adequate water for plant growth (½ 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 the planting season, in abnormally dry or hot seasons, or on adverse sites.

### **Permanent Seeding Summar**

Hardiness Zone (from Figure B.3): Seed Mixture (from Table B.3):					Fertilizer Rate (10-20-20)			Lime Rate		
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	To the state of th	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> 0			
				¼- ⅓ in	45 pounds	90 lb/ac (2 lb/	90 lb/ac	2 tons/ac		
				14-13 in	per acre (1.0 lb/		(216/	(90 lb/		
		OMM/ rambound		%- ¼ in	1000 sf)	1000 sf)	1000 sf)	1600 sf)		

## B. Sod: To provide quick cover on disturbed areas (2:1 grade or flatter).

- a. Class of turfgrass sod must be Maryland State Certified. Sod labels must be made available to the job foreman and inspector.
- b. Sod must be machine cut at a uniform soil thickness of % inch, plus or minus % inch, at the time of cutting. Measurement for thickness must exclude top growth and thatch. Broken pads and
- c. Standard size sections of sod must be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the
- d. Sod must not be harvested or transplanted when moisture content (excessively dry or wet) may
- e. Sod must be harvested, delivered, and installed within a period of 36 hours. Sod not transplanted within this period must be approved by an agronomist or soil scientist prior to its

- a. During periods of excessively high temperature or in areas having dry subsoil, lightly irrigate the subsoil immediately prior to laving the sod
- b. 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 to 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.
- e. 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.
- d. 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. Complete the operations of laying, tamping and irrigating for any piece of sod within eight hours.

- 3. Sod Maintenance
- 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 inches. Water sod during the heat of the day to prevent wilting.
- b. After the first week, sod watering is required as necessary to maintain adequate moisture
- c. 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

## **B-4-4 STANDARDS AND SPECIFICATIONS**

## **TEMPORARY STABILIZATION**

To stabilize disturbed soils with vegetation for up to 6 months.

To use fast growing vegetation that provides cover on disturbed soils.

## Conditions Where Practice Applies

Exposed soils where ground cover is needed for a period of 6 months or less. For longer duration of time permanent stabilization practices are required.

- 1. Select one or more of the species or seed mixtures listed in Table B.1 for the appropriate Plant Hardiness Zone (from Figure B.3), and enter them in the Temporary Seeding Summary below along with application rates, seeding dates and seeding depths. If this Summary is not put on the plan and completed, then Table B.1 plus fertilizer and lime rates must be put on the plan.
- 2. For sites having soil tests performed, use and show the recommended rates by the testing agency. Soil tests are not required for Temporary Seeding.
- 3. When stabilization is required outside of a seeding season, apply seed and mulch or straw mulch alone as prescribed in Section B-4-3.A.1.b and maintain until the next seeding season.

### **Temporary Seeding Summary**

	Hardiness Zone (from Figure B.3): Seed Mixture (from Table B.1):				Fertilizer Rate Lime Ra	
No.	Species	Application Rate (lb/ae)	Seeding Dates	Seeding Depths	(10-20-20)	Line Nate
					American	2 tons/ac
-			unter laterature de la companio della companio de la companio della companio dell		436 lb/sc (10 lb/1000 sf)	
Prevalent Prevalent						(90 lb/1000 sf)
encorrection					N. William Communication and the Communicati	-

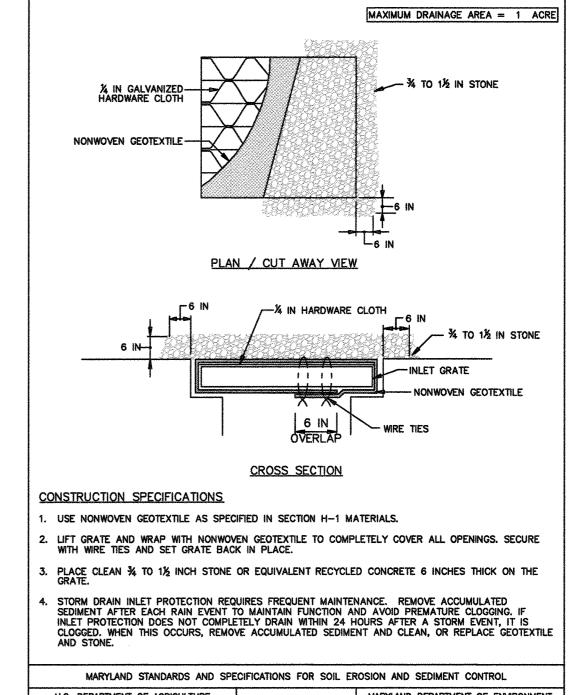
DETAIL E-9-2 AT-GRADE INLET PROTECTION

# STANDARD SYMBOL **DETAIL E-9-3 CURB INLET PROTECTION** MAXIMUM DRAINAGE AREA = 1/4 ACRE OF 2 IN × 4 IN 2 IN x 4 IN WEIR-6 FT MAX. SPACING OF 2 IN x 4 IN SPACERS L 2 IN x 4 IN WEIR SECTION A-A ∠EDGE OF GUTTER PAN ISOMETRIC

## CONSTRUCTION SPECIFICATIONS

- 1. USE NOMINAL 2 INCH x 4 INCH LUMBER
- 2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS. 3. NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART).
- . ATTACH A CONTINUOUS PIECE OF ¼ INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2×4 WEIR, EXTENDING IT 2 FEET BEYOND THROAT ON EACH SIDE.
- . 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.
- . PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL 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.
- INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
- FORM THE HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND FACE OF CURB TO SPAN THE INLET OPENING. COVER THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE. . AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET
- O. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

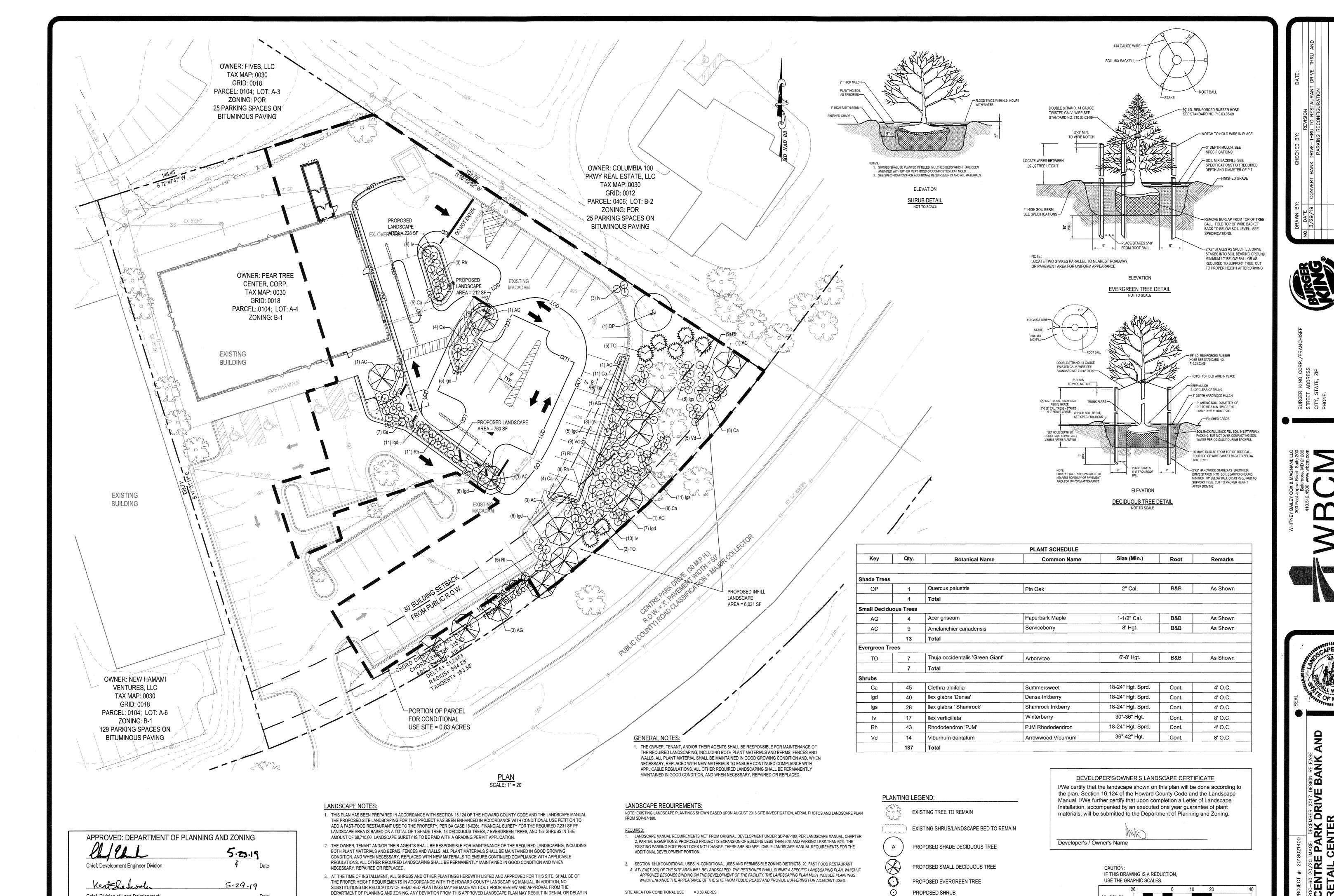
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	MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
	U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE  2011  MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



APPROVED: DEPARTMENT OF PLANNING AND ZONING Chief, Development Engineer Division 5-29-19 5-29-19

AGIP

SDP-87-180



20% OF SITE AREA

NEW LANDSCAPE AREA

= 0.166 ACRES / 7,231 SF REQUIRED LANDSCAPE AREA.

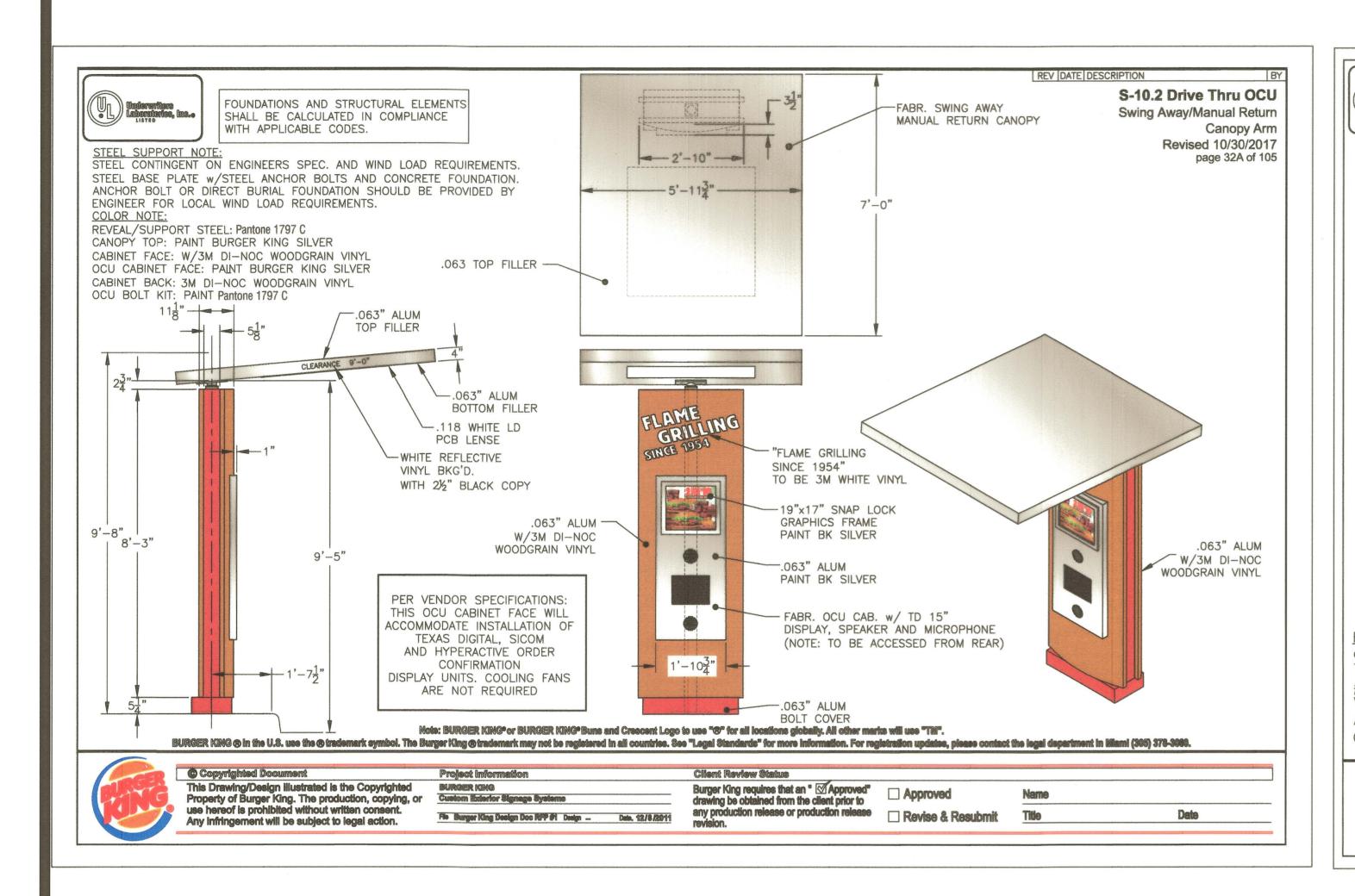
= 7,231 SF

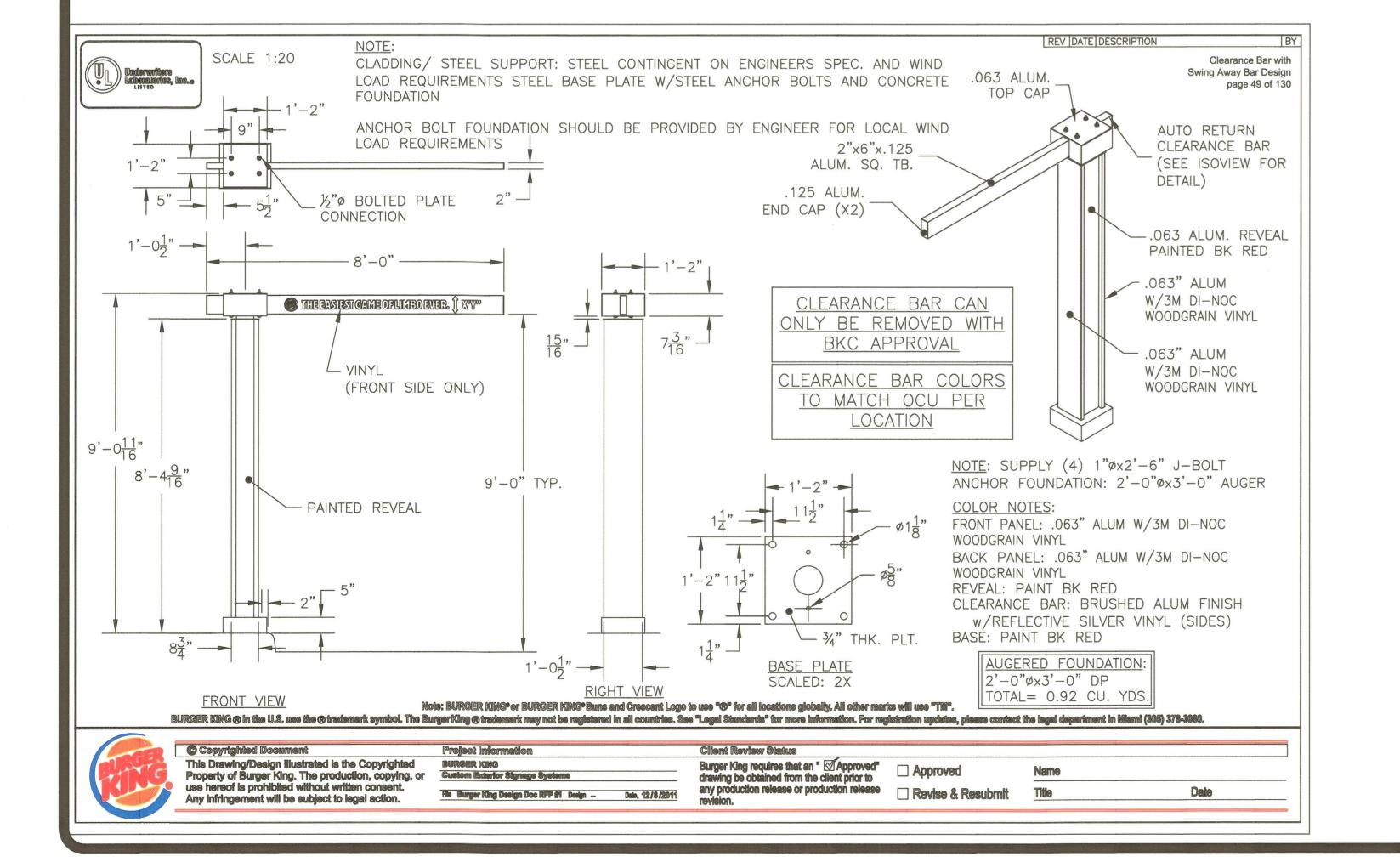
THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO

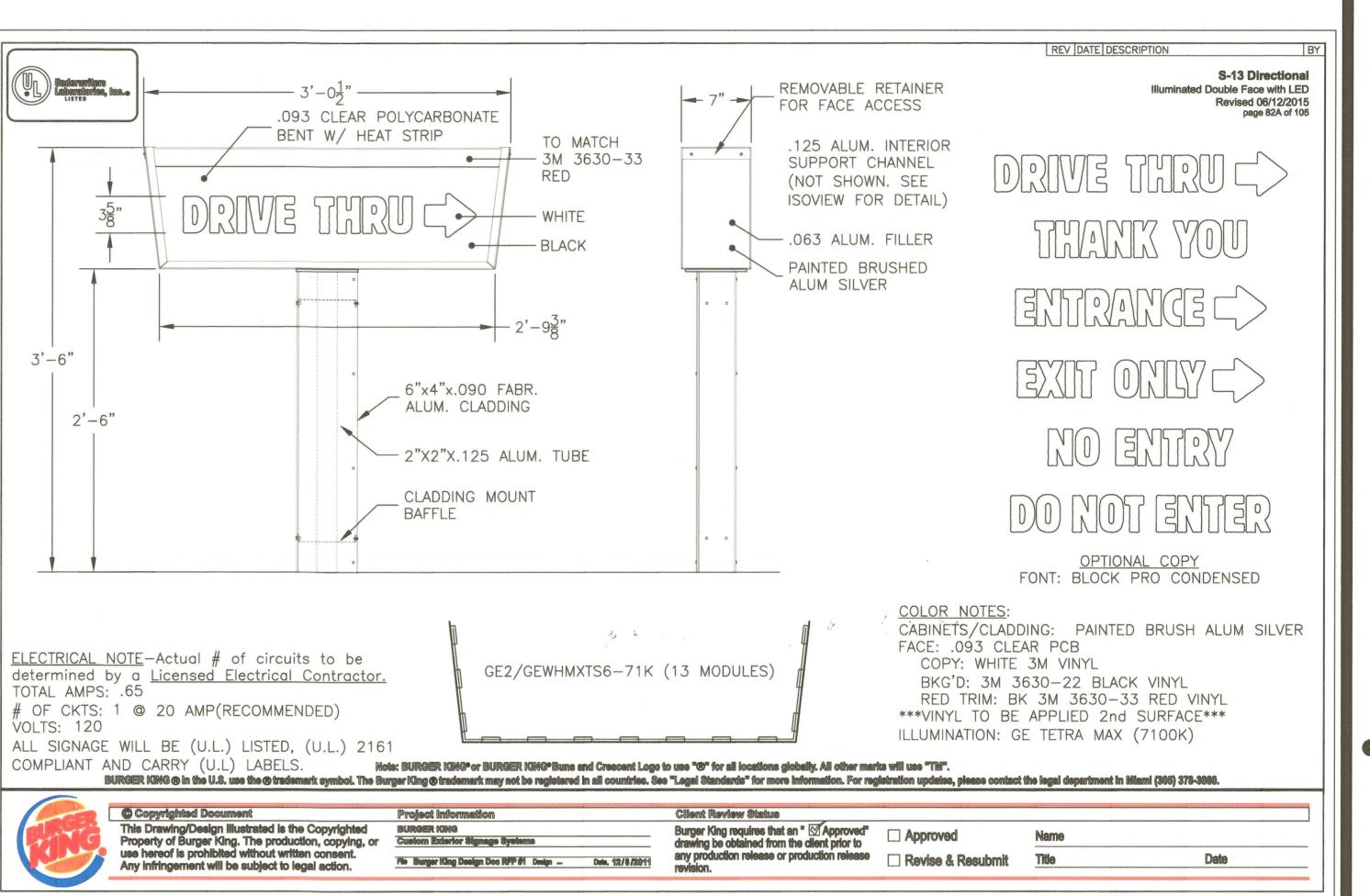
APPLICABLE PLANS AND CERTIFICATES.

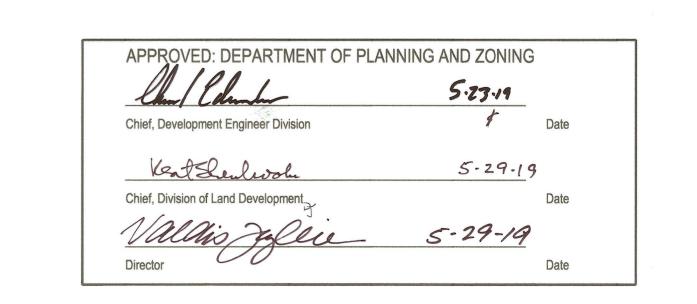
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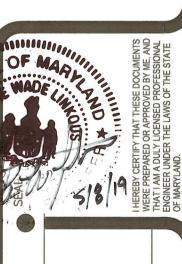






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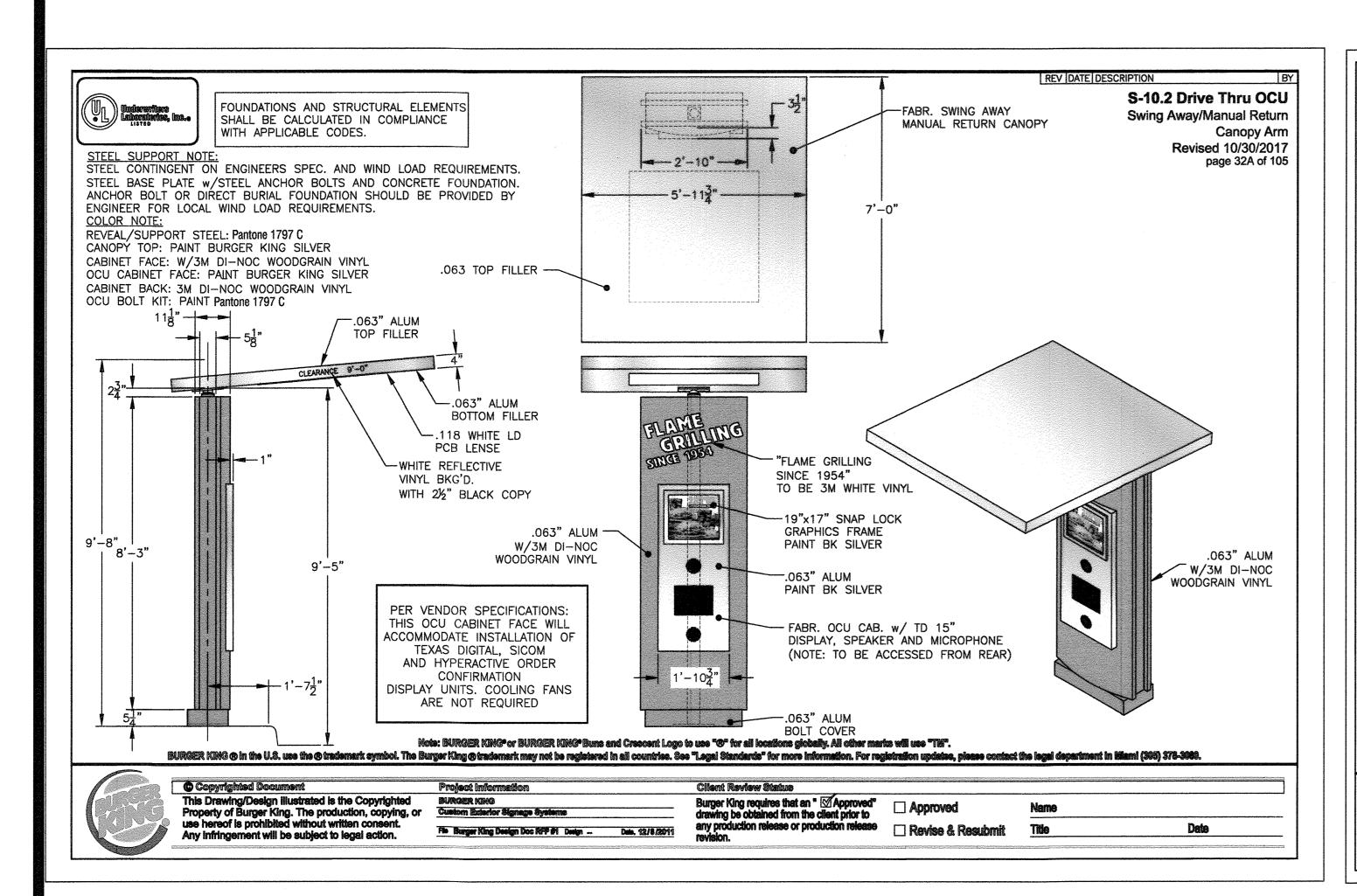


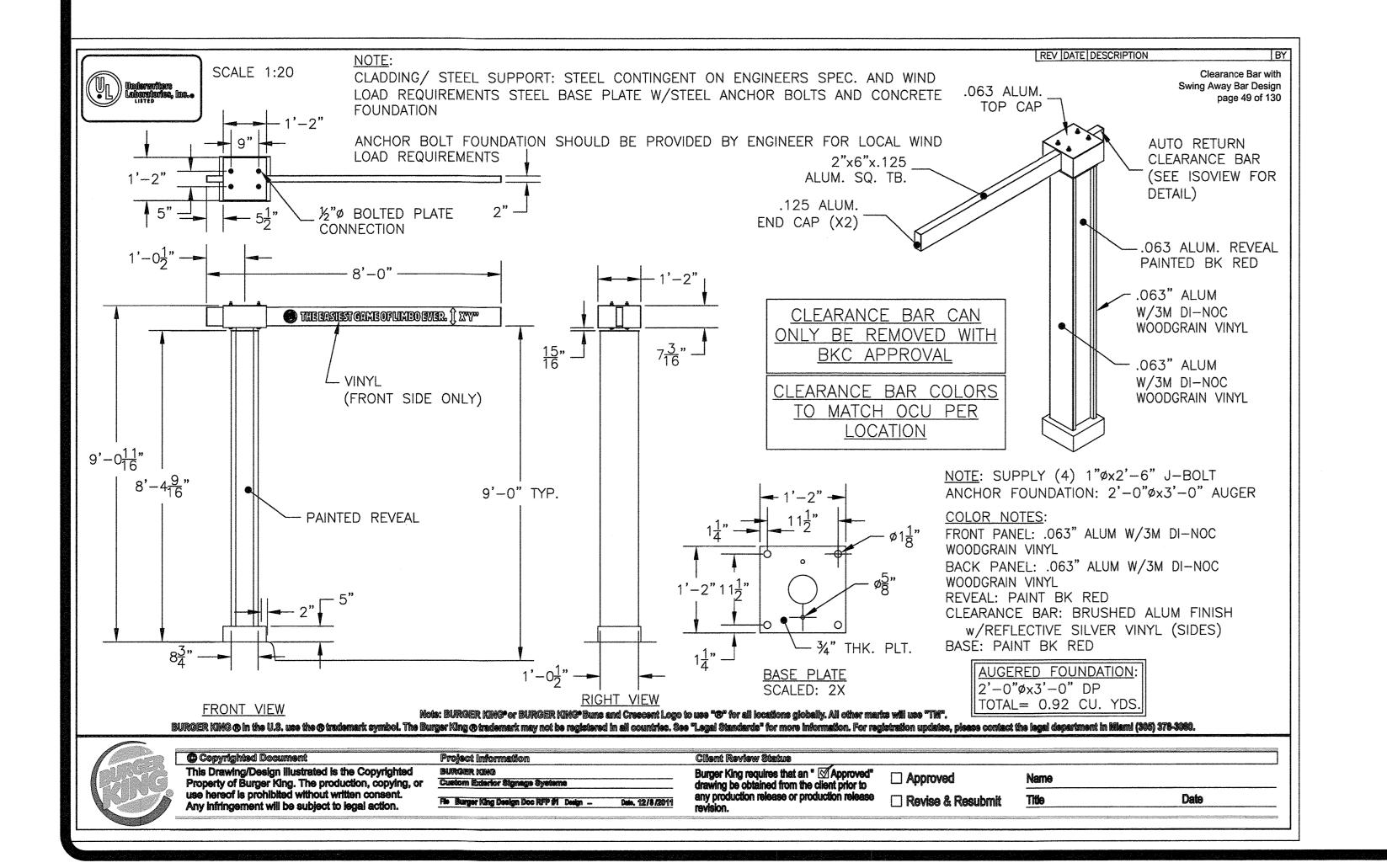


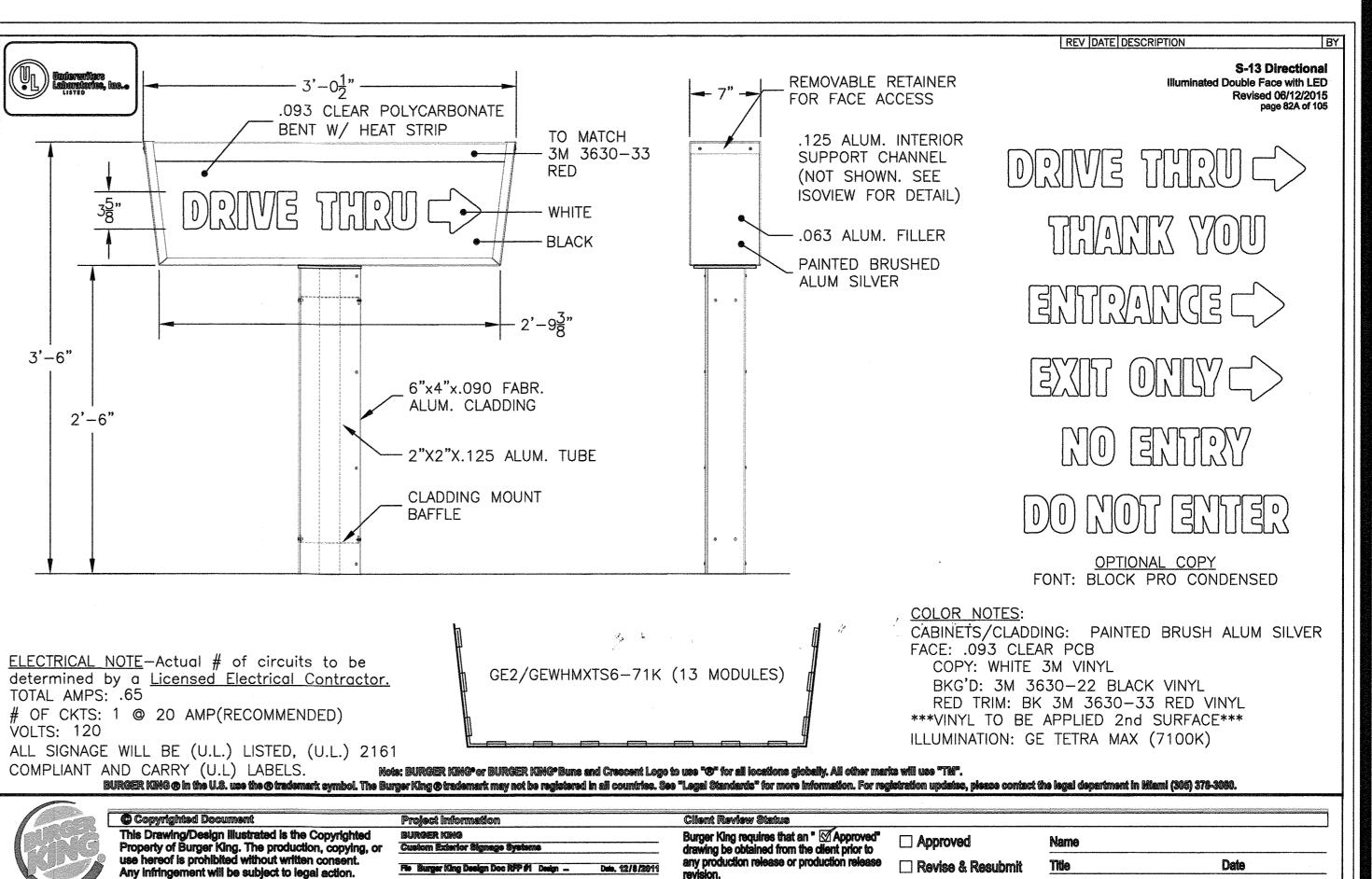
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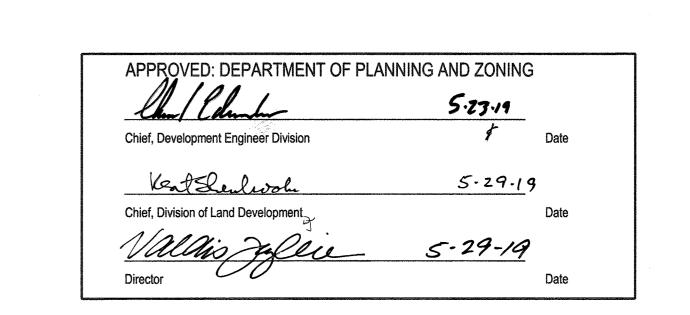
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PU M

ENTRE PARK DRIVE BANK
ETAIL CENTER

8835 CENTRE PARK