



ENGINEERING | SITE WORK | LAND SURVEYING

July 5, 2019

Kathryn Duff, Chair Planning Board New Bedford City Hall 133 William Street, Rm 303 New Bedford, MA 02740

RE: **Response Letter Lisciotti Development – Site Plan Review** WS Orchard Street - New Bedford, Massachusetts

To the members of the board,

We have enclosed a response letter and revised Site Plans in response to the comment email prepared by Rudy Butros dated June 26, 2019 in regards to their review of the Site Plan Review Submittal.

We trust the attachments noted above and included herewith will provide the necessary documentation to address their comments. If you should have any questions, please feel free to contact us.

Very Truly Yours,

FARLAND CORPORATION, INC.

Christian A. Farland, P.E., LEED AP

Principal Engineer and President

Christian A. Farland

Planning Board Comments

Already Discussed:

Comment #1:

The actual number of likely customers per day is closer to 360.

As stated, the total number of expected customers per day is approximately 360, rather than the previous amount of 800 which was based on businesses with much higher surrounding populations.

Comment #2:

The parking lot will have pavement markings and not islands in order to provide more room for delivery trucks.

Pavement marking were requested by the client for initial design rather than islands, and truck movements can be made unimpaired with both types of islands.

Questions:

Comment #1:

Is there any indication of types of tenants or businesses that will occupy the space so that the board has a better idea of what is intended to be going in at this location?

The property owner is a large development company that does business with various retail tenants such as: T-Mobile, Verizon, GameStop, GNC, Sherwin Williams Paints, Dollar General and Dollar Tree. The proposed Site Plan and proposed signage would not change based on any of these tenants that could occupy the building.

Comment #2:

Is there an estimated number of trips (enter/exit) during those peak times you've identified (4-6pm)?

The total number of customers anticipated during these times is 40 per hour. Assuming a percentage of these customers are pedestrian traffic and multiple travel in the same vehicle we expect the total number of vehicles to enter/exit to be 20-30 during this peak time.

Comment #3:

Is there any indication what style or type of lighting fixtures are planned for the site?

Light fixture spec sheets are attached to depict proposed site lighting.

Comment #4:

Is it possible to stripe the loading area since there will be other parking spaces planned in the rear?

The site plan has been revised to show striping in the rear where the loading area is proposed.

Comment #5:

Are there other opportunities to expand the landscaped areas?

The proposed painted parking islands within the site can be revised to be raised landscaped islands per the board's request. This would not affect truck maneuvers through the site.

Other Items:

Comment #1:

Where will the stone and fill piles be moved to during construction? Are they going to the neighboring lot or off-site completely?

As part of the purchase and sale agreement from the previous owner, it was agreed upon that they would remove the stockpiles prior to closing on the site. They will move them to the neighboring lot which they own as well.

Comment #2:

City ordinance requires parking spaces to be 9' by 20', parking lot aisles to be at least 22', site plan shows 9' by 18' spaces. Are there plans to request a waiver?

The site plans have been revised to show spaces with dimensions of 9'x20' and aisle widths of 22' as required by city ordinance.

Comment #3:

Landscaped areas on the north and south side of the lot are 5' wide, while fully mature Blue Spruce trees can have much wider diameter, have they considered this?

Planting species were chosen based off similar projects in the vicinity, however the Blue Spruce trees have been replaced with Common

Hornbeam to reduce the amount of encroachment when full maturity is reached.

Comment #4:

We noticed on the plan there is an easement running along two edges of the lot, I was not able to pull up the deeds from the registry of deeds. Can you provide information on both of these easements?

Per the property deed of the subject property, easement recordings were done at the Bristol County Registry in 1902 and are not available through electronic records. Attached is a plan of record that easement locations and layout were taken from.

Comment #5:

Unless I missed it, I did not see any directional signage on the plans, is there any planned for the site?

Pavement markings are proposed to provide directional signage for incoming/outgoing traffic. No other standing ground signs are proposed other than the main business sign.

If you have any questions or require any further information, please contact this office at (508) 717-3479.



NV SERIES

AREA LIGHTING

FORM AND FUNCTION

- Sleek, low profile housing
- Spec grade performance
- Engineered for optimum thermal management
- Low depreciation rate
- Reduces energy consumption and costs up to 65%
- Exceeds IES foot candle levels utilizing the least number of poles and fixtures per project
- · Optical system designed for:
 - Parking Lots
 - Auto Dealerships
 - General Area Lighting

CONSTRUCTION

- Die Cast Aluminum
- External cooling fins, Finite Element Analysis (FEA) designed
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP-65 seal for electronics compartment
- One-piece Optics Plate™ mounting silicone Micro Optics
- Two-piece silicone Micro Optic system ensures IP-67 level seal around each PCB
- Grade 2 Clear Anodized Optics Plate™ standard

- 3-5 mils electrostatic powder coat.
- NLS' standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

WARRANTY

Five-year limited warranty for drivers and LEDs.





- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- DesignLights Consortium® (DLC)
- DesignLights Consortium Premium® (DLCP)
- IP65/ IP67 Rated
- 3G Vibration Rated per ANSI C136.31-2010

















	16L	32L	48L	64L	80L	96L	112L	128L
350 milliamps	18w	-	-	-	-	-	-	-
530 milliamps	28w	-	-	-	-	-	-	-
700 milliamps	36w	71w	104w	136w	168w	200w	243w	265w
1050 milliamps	56w	106w	156w	205w	263w	316w	366w	409w
		AIX.				AIX	12	

Project Name: Type:

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Options
NV Size 1 (NV-1) NV Size 2 (NV-2)	Type 2 (T2) Type 3 (T3) Type 4 (T4) Type 5 (T5) Nema 2 24° Narrow Beam (N2) *NV-1 Only Nema 3 30° Narrow Beam (N3)	NV-1 16 (16L) 32 (32L) 48 (48L) 64 (64L) NV-2 80 (80L) 96 (96L) 112 (112L) 128 (128L)		4000K (40K)	120-277 (UNV) 347-480 (HV)	Direct Pole For (NV-1): Single, D180 3" (DPS3) For (NV-1): D90, T90, T120, QD 7" (DPS7) For (NV-2): Single, D180 6" (DPS6) For (NV-2): D90, T90, T120, QD 11" (DPS11) Knuckle Mount (KM) Sweep Arm (SA) Wall Mount (WM) Trunnion Mount (TM) *Standard finish is stainless steel. Can be painted to match fixture Tennis Arm (TA) *See next page for Arm Configurations *For Round Pole, please specify RPA4 or RPA5	Bronze (BRZ) White (WHT) Silver (SVR) Black (BLK) Graphite (GPH) Grey (GRY) Custom (CS)	Bird Deterrant (BD) Marine Grade Finish (MGF) Optic Plate Painted to Match Fixture (OPP) Mounting Painted to Match Fixture (MP) Nema 7-Pin Receptacle (PET) Photocell + Receptacle (PCR) Receptacle + Shorting Cap (PER) FSP-211 with Motion Sensor (UNV Voltage) (FSP-20) *9'-20" Heights (FSP-40) *21'-40' Heights Surge Protector (10K) Quick Mount Bracket (QMB) Retrofit Mount Bracket (RQMB) Round Pole Adaptor 3"- 4" Pole (RPA4) Round Pole Adaptor 5"- 6" Pole (RPA5) Rotated Optic Left (ROL) Rotated Optic Right (ROR) House Side Shield (HSS) *HSS not applicable with N2 - NEMA 24* Optics *HSS not applicable with N3 - NEMA 30" Optics

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver by Philips Advance
- Driver power factor at maximum load is ≥ .95, THD maximum load is 15%
- All internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in enclosed IP-65 compartment
- · Lumileds Luxeon MX LED's
- CRI >70
- Color temperatures: 3000K, 4000K, 5000K

OPTIONS

- BIRD DETERRANT (BD)—offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations and protect your property.
- MARINE GRADE FINISH (MGF)—A multi-step process creating protective finishing coat against harsh environments.
 - · Chemically washed in a 5 stage cleaning system.
 - · Pre-baked
 - Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer.
 - 1-2 feet inside pole coverage top and bottom.
 - · Oven Baked.
 - Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- HOUSE SIDE SHIELD (HSS)—Micro Optics' House Side Shield (HSS) is designed for full property line cut-off.
- ROUND POLE ADAPTER (RPA) When using round poles, specify Round Pole Adapter (RPA). Specify RPA4 when installing on 3"-4" round poles, and RPA5 when installing on 5"-6" round poles.

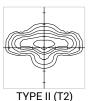
CONTROLS

- FSP-211 (FSP-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
 - All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
 - · FSP-20 mounting heights 9-20 feet
 - FSP-40 mounting heights 21-40 feet.
 - Includes 5 dimming event cycles, 0-10V dimming with motion sensing, reprogrammable in the field.
- NEMA 7-PIN RECEPTACLE (PE7)—An ANSI C136.41-2013 receptacle
 provides electrical and mechanical interconnection between photo control
 cell and luminaire. Dimming receptacle available two or four dimming
 contacts supports 0-10 VDC dimming methods or Digital Addressable
 Lighting Interface (DALI), providing reliable power interconnect.

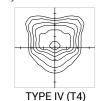
OPTICS

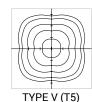
Silicone optics high photothermal stability and light output provides higher powered LEDs with minimized lumen depreciation LED life. UV and thermal stability with scratch resistance increases exterior application durability.

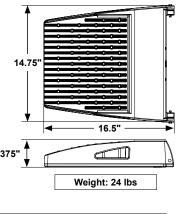
· IES Types



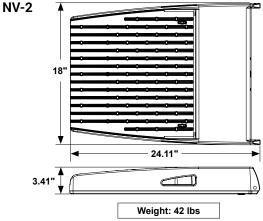


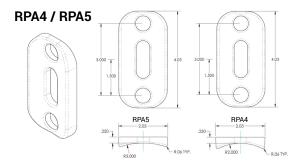


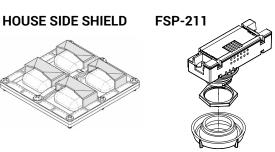


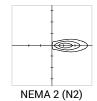


NV-1





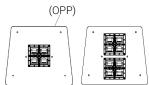






OPTICAL CONFIGURATIONS

Rotatable Optics (ROR) Rotated Right, (ROL) Rotated Left options available. Optics field and factory rotatable.















NV-1 / 16L

NV-1 / 32L

NV-1 / 48L

NV-1 / 64L

NV-2 / 80L

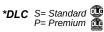
NV-2 / 96L

NV-2 / 112L

NV-2 / 128L

* OPTIC PLATE PAINTED TO MATCH FIXTURE FINISH (OPP) — Optic Plate standard clear anodized, Grade 2. When (OPP) specified, Optic Plate finish will match fixture finish.

PART NUMBER	N2	LM/W	BUG	T2	LM/W	DLC	BUG	T3 HSS	LM/W	BUG	Т3	LM/W	DLC	BUG	T4 HSS	LM/W	BUG	T4	LM/W	DLC	BUG	T5	LM/W	DLC	BUG	w
NV-1-16L-35-30K	1944	108	B2-U0-G0	LUMENS 2209	117	Р	B1-U0-G1	1134	63	B0-U0-G0	2106	117	P	B1-U0-G1	LUMENS 1116	62	B0-U0-G0	LUMENS 2187	116	P	B1-U0-G1	LUMENS 2124	118	P	B2-U0-G0	18
NV-1-16L-35-40K	2016	112	B2-U0-G0	2268	126	Р	B1-U0-G1	1206	67	B0-U0-G0	2286	127	Р	B1-U0-G1	1188	66	B0-U0-G0	2250	125	Р	B1-U0-G1	2304	128	Р	B2-U0-G0	18
NV-1-16L-35-50K	2088	116	B2-U0-G0	2376	132	Р	B1-U0-G1	1278	71	B0-U0-G0	2394	133	Р	B1-U0-G1	1260	70	B0-U0-G0	2358	131	Р	B1-U0-G1	2412	134	Р	B2-U0-G2	18
NV-1-16L-53-30K	3024	108	B3-U0-G1	3192	114	Р	B1-U0-G1	1764	63	B0-U0-G1	3220	115	Р	B1-U0-G1	1736	62	B0-U0-G1	3119	113	Р	B1-U0-G1	3248	116	Р	B2-U0-G1	28
NV-1-16L-53-40K	3136	112	B3-U0-G1	3472	124	Р	B1-U0-G1	1876	67	B0-U0-G1	3472	124	Р	B1-U0-G1	1848	66	B0-U0-G1	3444	123	Р	B1-U0-G1	3500	125	Р	B2-U0-G1	28
NV-1-16L-53-50K	3248	116	B2-U0-G1	3612	129	Р	B1-U0-G1	1988	71	B0-U0-G1	3640	130	Р	B1-U0-G1	1960	70	B0-U0-G1	3584	128	Р	B1-U0-G1	3668	131	Р	B2-U0-G1	28
NV-1-16L-7-30K	3888	108	B3-U0-G1	3960	110	Р	B1-U0-G1	2268	63	B0-U0-G1	3960	110	Р	B1-U0-G1	2232	62	B0-U0-G1	3973	109	Р	B1-U0-G1	3996	111	Р	B3-U0-G1	36
NV-1-16L-7-40K	4032	112	B3-U0-G1	4428	123	Р	B1-U0-G1	2412	67	B0-U0-G1	4284	119	P	B1-U0-G1	2376	66	B0-U0-G1	4212	117	Р	B1-U0-G1	4320	120	P	B3-U0-G1	36
NV-1-16L-7-50K	4176	116	B3-U0-G1	4644	129	Р	B1-U0-G1	2556	71	B0-U0-G1	4500	125	Р	B1-U0-G1	2520	70	B0-U0-G1	4428	123	Р	B1-U0-G1	4500	125	Р	B3-U0-G1	36
NV-1-16L-1-30K	6048	108	B3-U0-G1	6160	110	S	B1-U0-G1	3528	63	B0-U0-G1	6384	114	Р	B1-U0-G1	3472	62	B0-U0-G1	6232	112	Р	B1-U0-G1	6440	115	Р	B3-U0-G1	56
NV-1-16L-1-40K	6272	112	B3-U0-G1	6832	122	Р	B1-U0-G1	3752	67	B0-U0-G1	6888	123	P	B2-U0-G2	3696	66	B0-U0-G1	6776	121	P	B2-U0-G2	6944	124	P	B3-U0-G2	56
NV-1-16L-1-50K	6496	116	B4-U0-G1	7168	128	Р	B1-U0-G2	3976	71	B0-U0-G1	7224	129	P	B2-U0-G2	3920	70	B0-U0-G1	7112	127	Р	B2-U0-G2	7280	130	Р	B3-U0-G2	56
NV-1-32L-7-30K	7668	108	B4-U0-G1	7810	110	S	B1-U0-G2	4473	63	B0-U0-G1	7810	110	S	B2-U0-G2	4402	62	B0-U0-G1	7739	109	S	B2-U0-G2	7881	111	S	B3-U0-G2	71
NV-1-32L-7-40K	7952	112	B4-U0-G1	9017	127	Р	B1-U0-G2	4757	67	B0-U0-G1	8449	119	Р	B2-U0-G2	4686	66	B0-U0-G2	8307	117	Р	B2-U0-G2	8520	120	Р	B3-U0-G2	71
NV-1-32L-7-50K	8236	116	B4-U0-G1	9159	129	P	B2-U0-G2	5041	71	B0-U0-G2	8875	125	P	B2-U0-G2	4970	70	B0-U0-G2	8733	123	P	B2-U0-G2	8946	126	P	B3-U0-G2	71
NV-1-32L-1-30K	11448	108	B4-U0-G1	11660	110	S	B2-U0-G2	6678	63	B0-U0-G2	12084	114	S	B2-U0-G2	6572	62	B0-U0-G2	11820	112	S	B2-U0-G2	12190	115	S	B4-U0-G2	106
NV-1-32L-1-40K	11872	112	B4-U0-G1	12932	122	P	B2-U0-G2	7102	67	B0-U0-G2	13038	123	P	B2-U0-G2	6996	66	B0-U0-G2	12826	121	P	B3-U0-G2	13144	124	P	B4-U0-G2	106
NV-1-32L-1-50K	12296	116	B4-U0-G1	13568	128	Р	B2-U0-G2	7526	71	B0-U0-G2	13674	129	Р	B3-U0-G2	7420	70	B0-U0-G2	13462	127	Р	B3-U0-G2	13780	130	Р	B4-U0-G2	106
NV-1-48L-7-30K	11232	108	B4-U0-G1	11440	110	S	B2-U0-G2	6552	63	B0-U0-G2	11440	110	S	B2-U0-G3	6448	62	B0-U0-G2	11336	109	S	B2-U0-G3	11544	111	S	B4-U0-G2	100
NV-1-48L-7-40K	11648	112	B4-U0-G1		127	P	B2-U0-G2		67	B0-U0-G2	12376	119	P	B2-U0-G2			B0-U0-G2	12168	117	P	B2-U0-G2 B2-U0-G2	12480	120	P	B4-U0-G2	104
	_		B4-U0-G1	13208	-	P	B2-U0-G2	6968		B0-U0-G2		125	P	B3-U0-G3	6864	66	B0-U0-G2			P	B2-U0-G2 B2-U0-G2			P	B4-U0-G2	104
NV-1-48L-7-50K	12064	116		13520	130		_	7384	71		13000		-		7280	70		12792	123	-		13104	126			-
NV-1-48L-1-30K	16848	108	B5-U0-G1	17160	110	S	B3-U0-G3	9828	63	B1-U0-G2	17784	114	S	B3-U0-G3	9672	62	B1-U0-G2	17472	112	S	B3-U0-G3	17940	115	S	B4-U0-G2	156
NV-1-48L-1-40K	17472	112	B5-U0-G1	19032	122	Р	B3-U0-G3	10452	67	B1-U0-G2	19188	123	Р	B3-U0-G3	10296	66	B1-U0-G2	18876	121	Р	B3-U0-G3	19344	124	Р	B5-U0-G3	156
NV-1-48L-1-50K	18096	116	B5-U0-G1	19968	128	Р	B3-U0-G3	11076	71	B1-U0-G2	20124	129	Р	B3-U0-G3	10920	70	B1-U0-G2	19812	127	Р	B3-U0-G3	20280	130	Р	B5-U0-G3	156
NV-1-64L-7-30K	14688	108	B5-U0-G1	14960	110	S	B2-U0-G2	8568	63	B0-U0-G2	14960	110	S	B3-U0-G3	8432	62	B1-U0-G2	14824	109	S	B3-U0-G3	15096	111	S	B4-U0-G2	136
NV-1-64L-7-40K	15232	112	B5-U0-G1	17272	127	Р	B3-U0-G3	9112	67	B0-U0-G2	16184	119	Р	B3-U0-G3	8976	66	B1-U0-G2	15912	117	Р	B3-U0-G3	16320	120	Р	B4-U0-G2	136
NV-1-64L-7-50K	15776	116	B5-U0-G1	17680	130	Р	B3-U0-G3	9656	71	B1-U0-G2	17000	125	Р	B3-U0-G3	9520	70	B1-U0-G2	16728	123	Р	B3-U0-G3	17136	126	Р	B4-U0-G2	136
NV-1-64L-1-30K	22140	108	B5-U0-G1	22550	110	S	B3-U0-G3	12915	63	B1-U0-G2	23370	114	S	B3-U0-G3	12710	62	B1-U0-G3	22960	112	S	B3-U0-G3	23575	115	S	B5-U0-G3	205
NV-1-64L-1-40K	22960	112	B5-U0-G1	25010	122	Р	B3-U0-G3	13735	67	B1-U0-G3	25215	123	Р	B3-U0-G3	13530	66	B1-U0-G3	24805	121	Р	B3-U0-G4	25420	124	Р	B5-U0-G3	205
NV-1-64L-1-50K	23780	116	B5-U0-G1	26240	128	Р	B3-U0-G3	14555	71	B1-U0-G3	26445	129	Р	B3-U0-G3	14350	70	B1-U0-G3	26035	127	Р	B3-U0-G4	26650	130	Р	B5-U0-G3	205
NV-2-80L-7-30K	-	-	-	19744	116	S	B3-U0-G3	9744	58	B1-U0-G2	19218	113	S	B3-U0-G3	9576	57	B1-U0-G2	18992	112	S	B3-U0-G3	19713	117	Р	B5-U0-G3	168
NV-2-80L-7-40K	-	-	-	21000	125	Р	B3-U0-G3	10416	62	B1-U0-G2	20328	121	Р	B3-U0-G3	10248	61	B1-U0-G2	20160	120	Р	B3-U0-G3	21168	126	Р	B5-U0-G3	168
NV-2-80L-7-50K	-	-	-	21672	129	Р	B3-U0-G3	11088	66	B1-U0-G2	21168	126	Р	B3-U0-G3	10920	65	B1-U0-G2	21000	125	Р	B3-U0-G3	21840	130	Р	B5-U0-G3	168
NV-2-80L-1-30K	-	-	-	28141	107	S	B3-U0-G3	15254	58	B1-U0-G3	27352	104	S	B3-U0-G4	14991	57	B1-U0-G3	27089	103	S	B3-U0-G4	28404	108	S	B5-U0-G3	263
NV-2-80L-1-40K	-	-	-	30245	115	S	B3-U0-G3	16306	62	B1-U0-G3	29456	112	S	B3-U0-G4	16043	61	B1-U0-G3	29193	111	S	B3-U0-G4	30508	116	S	B5-U0-G3	263
NV-2-80L-1-50K	-	-	-	31297	119	Р	B3-U0-G4	17358	66	B1-U0-G3	30508	116	S	B3-U0-G4	17095	65	B1-U0-G3	31034	118	Р	B3-U0-G4	31560	120	Р	B5-U0-G4	263
NV-2-96L-7-30K	-	-	-	23200	116	S	B3-U0-G3	11600	58	B1-U0-G2	22600	113	S	B3-U0-G3	11400	57	B1-U0-G2	22400	112	S	B3-U0-G3	23400	117	S	B5-U0-G3	200
NV-2-96L-7-40K	-	-	-	25000	125	Р	B3-U0-G3	12400	62	B1-U0-G2	24200	121	Р	B3-U0-G3	12200	61	B1-U0-G2	24000	120	Р	B3-U0-G3	25200	126	Р	B5-U0-G3	200
NV-2-96L-7-50K	-	-	-	25800	129	Р	B3-U0-G3	13200	66	B1-U0-G2	25200	126	Р	B3-U0-G3	13000	65	B1-U0-G3	25000	125	Р	B3-U0-G4	26000	130	Р	B5-U0-G3	200
NV-2-96L-1-30K	-	-	-	33812	107	S	B3-U0-G4	18328	58	B1-U0-G3	32864	104	S	B4-U0-G4	18012	57	B1-U0-G3	32548	103	S	B3-U0-G4	34128	108	S	B5-U0-G4	316
NV-2-96L-1-40K	-	-	-	36340	115	S	B3-U0-G4	19592	62	B1-U0-G3	35392	112	S	B4-U0-G4	19276	61	B1-U0-G4	35076	111	S	B3-U0-G4	36656	116	S	B5-U0-G4	316
NV-2-96L-1-50K	-	-	-	37604	119	Р	B3-U0-G4	20856	66	B1-U0-G4	36656	116	S	B4-U0-G4	20540	65	B1-U0-G4	37288	118	Р	B3-U0-G4	37920	120	Р	B5-U0-G4	316
NV-2-112L-7-30K	-	-	-	28188	116	S	B3-U0-G3	14094	58	B1-U0-G3	27459	113	S	B3-U0-G4	13851	57	B1-U0-G3	27216	112	S	B3-U0-G4	28431	117	Р	B5-U0-G3	243
NV-2-112L-7-40K	-	-	-	30375	125	Р	B3-U0-G3	15066	62	B1-U0-G3	29403	121	Р	B3-U0-G4	14823	61	B1-U0-G3	29160	120	Р	B3-U0-G4	30618	126	Р	B5-U0-G3	243
NV-2-112L-7-50K	-	-	-	31347	129	Р	B3-U0-G4	16038	66	B1-U0-G3	30618	126	Р	B3-U0-G4	15795	65	B1-U0-G3	30375	125	Р	B3-U0-G4	31590	130	Р	B5-U0-G4	243
NV-2-112L-1-30K	-	-	-	39162	107	S	B4-U0-G4	21228	58	B1-U0-G4	38064	104	S	B4-U0-G4	20862	57	B1-U0-G4	37698	103	S	B4-U0-G5	39528	108	S	B5-U0-G4	366
NV-2-112L-1-40K	-	-	-	42090	115	S	B4-U0-G4	22692	62	B1-U0-G4	40992	112	S	B4-U0-G4	22326	61	B1-U0-G4	40626	111	S	B4-U0-G5	42456	116	S	B5-U0-G4	366
NV-2-112L-1-50K	-	-		43554	119	Р	B4-U0-G4	24156	66	B1-U0-G4	42456	116	S	B4-U0-G4	23790	65	B1-U0-G4	43188	118	Р	B4-U0-G5	43920	120	Р	B5-U0-G4	366
NV-2-128L-7-30K	-	-	-	30740	116	S	B3-U0-G3	15370	58	B1-U0-G3	29945	113	S	B3-U0-G4	15105	57	B1-U0-G3	29680	112	S	B3-U0-G4	31005	117	Р	B5-U0-G4	265
NV-2-128L-7-40K	-	-	-	33125	125	Р	B3-U0-G3	16430	62	B1-U0-G3	32065	121	Р	B3-U0-G4	16165	61	B1-U0-G3	31800	120	Р	B3-U0-G4	33390	126	Р	B5-U0-G4	265
NV-2-128L-7-50K	-	-	-	34185	129	Р	B3-U0-G4	17490	66	B1-U0-G3	33390	126	P	B4-U0-G4	17225	65	B1-U0-G3	33125	125	P	B3-U0-G4	34450	130	P	B5-U0-G4	265
NV-2-128L-1-30K	-	-		43763	107	S	B4-U0-G4	23722	58	B1-U0-G4	42536	104	S	B4-U0-G4	23313	57	B1-U0-G4	42127	103	S	B4-U0-G5	44172	108	S	B5-U0-G4	409
NV-2-128L-1-40K	-	-		47035	115	S	B4-U0-G4	25358	62	B1-U0-G4	45808	112	S	B4-U0-G4	24949	61	B1-U0-G4	45399	111	S	B4-U0-G5	47444	116	S	B5-U0-G4	409
NV-2-128L-1-50K	-			48671	119	Р	B4-U0-G4	26994	66	B1-U0-G4	47445	116	S	B4-U0-G5	26585	65	B1-U0-G4	48262	118	-	B4-U0-G5	49080	120	Р	B5-U0-G5	409





EPA

EPA	SGL	D90	D180	T90	T120	QD
NV-1-DP	0.46	1.14	0.92	1.34	1.37	1.34
NV-1-KM	0.54	N/A	1.08	N/A	N/A	N/A
NV-1-SA	0.75	1.29	1.50	1.99	2.05	1.99
NV-2-DP	0.89	1.22	1.78	1.96	1.91	1.96
NV-2-KM	0.69	1.18	1.38	1.85	2.68	1.85
NV-2-SA	0.98	1.96	1.75	2.66	2.62	2.66

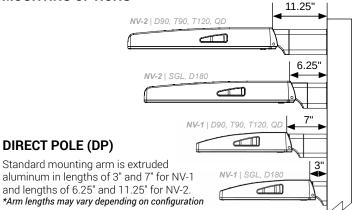
L70/L90 DATA

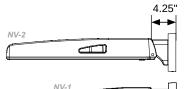
TEMP	N\	<i>l</i> -1	NV-2			
TEMP.	L70 (64L-1050mA)	L90 (64L-1050mA)	L70 (128L-1050mA)	L90 (128L-1050mA)		
25°C	483,000	160,000	483,000	160,000		

DPX ARM LENGTH

DPX ARM LENGTH	SGL 🗇	D90 🖷	D180 €	T90 📲	T120 🛵	QD 📲
NV-1	3"	7"	3"	7"	7"	7"
NV-2	6.25"	11.25"	6.25"	11.25"	11.25"	11.25"

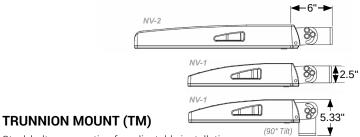
MOUNTING OPTIONS





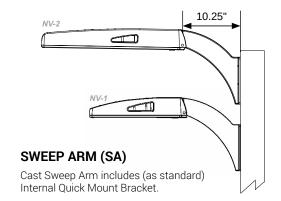
WALL MOUNT (WM)

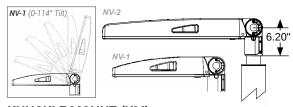
Cast Aluminum Plate for direct wall mount. 3" extruded aluminum arm mounts directly to a cast wall mount box.



Steel, bolt-on-mounting for adjustable installation with a maximum uplift of 90 degrees.

*Unpainted stainless steel is standard

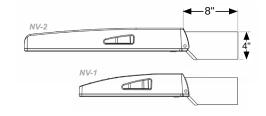




KNUCKLE MOUNT (KM)

Die Cast Knuckle great for adjustable installation on 2-3/8" OD vertical or horizontal tenon.

- Max Uptilt of 114 degrees (NV-1)
- Max Uplift of 90 degrees (NV-2)
- · Adjustable in 6 degree increments

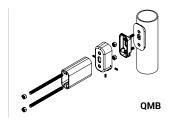


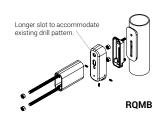
TENNIS ARM (TA)

Steel fitter slips over 3.5" x 1.5" rectangular arm. *See Tennis Arm Spec Sheet for details

OPTIONAL

Optional Cast Aluminum Bracket, **Quick Mount Bracket (QMB)** and **Retrofit Quick Mount Bracket (RQMB)**, designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures.









SQUARE STRAIGHT STEEL POLE

POLES + BASES

POLE

Shall be Straight Steel Grade B Extrusion with yield of 46,000 PSI. Conforms to ASTM A500 Standards. Poles have ground lug welded inside hand-hole opposite side of the pole extrusion. Pole Extrusion is conjoined to Anchor Base by welding internal to pole shaft and external to pole shaft. Hand Hole reinforcement is Constructed of 3"x 5" rectangular steel tubing which is welded to pole shaft for added strength.

ANCHOR BASE

Manufactured from A36 Steel rated at 36,000 PSi, conforms the ASTM -A36 standards. Base Plate vary in size from 1" thick for poles 21 feet and over, 3/4" thick for poles 10 to 20 feet.

COATING

All poles have minimum 3mm powder coat finish. All poles are sandblasted prior to powder coat application.

ANCHORAGE

Project Name:

All anchor bolts are fully hot dipped galvanized and come with two galvanized nuts and washers per bolt.

BASE COVER, HAND HOLE COVER AND POLE CAP

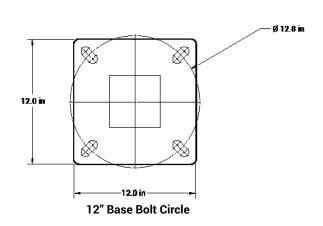
All poles come with removable polymer pole cap installed. All poles caps are black finish. All base covers are made of aluminum and powder coated to match the pole. The hand hole covers are provided with internal bridge support and also powder coated to match pole finish.

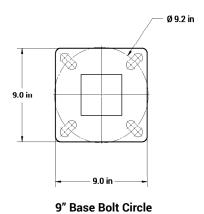


Type:



Cat #	Height	Pole Dim.	Size	Base	Orient	Color	Bolts	Enhancement
Cal #	пеідііі	Pole Dilli.	Size	Pattern	Orient	COIOI	DUILS	Ennancement
Square Straight	10' (10)	4" Square (4S)	.120 in (11G)	(10'-20') 8 3/16 - 10 3/16"	Single (SGL)	Bronze (BRZ)	3/4" x 30" (3430)	GFI Kit (GFI)
Steel Pole	12' (12)	(43)	(116)	Bolt Circle	(SGL)		(3430)	GFI Provision Onl
(SSSP)	14' (14)	5" Square	.180 in	(9BC)	Double	: White : (WHT)	1" x 36"	(PROV)
	16' (16)	(5S)	(7G)		(D-90) (D-180)		(136)	Galvanized (GLV)
:	18' (18)	6" Square			(D-100)	Silver (SVR)	•	Anti Corrosion
	20′ (20)	(6S)		(22'-35')	Triple	: ' '	•	(ACP)
	22' (22)			11½ - 14" Bolt Circle	(T-90)	Green (GRN)	•	
	24' (24)	: :		(12BC)	Quad		•	Tenon
	25' (25)			(,	(QD)	: Hunter Green : (HGN)	•	2 3/8" Round (T2R) 3" Round (T3R)
:	26' (26)			(201)		: ` ′	• •	3 ½" Round (T312) 4 ½" Round (T412)
	28' (28)			(39') 15 in		: Black : (BLK)	•	3 ½" Square (T312
	30' (30)			Bolt Circle		: ` ′	•	4 ½" Square (T412 5 ½" Square (T512
•	35′ (35)			(15BC)		Graphite (GPH)	o o o	, 5 1/2 Square (1512
•						Grey	•	* * * * * * * * * * * * * * * * * * *
:		: :		:		(GRY)	•	
						Custom (CS)		, ,





			P	OLE EPA DATA				
			Maximo	um EPA (ft) Allowable	9			
POLE HEIGHT	POLE DIA.	SIZE	BASE PLATE	BOLT CIRCLE BOLTS	BOLTS	80 Mph	90 Mph	100 Mph
10'	4" SQ	.120	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	26.8	18.7	15.5
12'	4" SQ	.120	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	20.5	15.5	9.7
14'	4" SQ	.120	9" Sq. x 3/4"	9 3/16"	³⁄₄" x 30"	16.5	11.4	9.7
15'	4" SQ	.180	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	18.2	12.2	10.4
16'	4" SQ	.120	9" Sq. x 3/4"	9 3/16"	³⁄₄" x 30"	13.5	9.8	8.6
17-1/2'	4" SQ	.120	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	12.4	9.0	7.2
18'	4" SQ	.120	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	9.8	7.2	5.4
20'	4" SQ	.120	9" Sq. x ¾"	9 3/16"	³⁄4" x 30"	8.2	5.5	4.0
20'	4" SQ	.180	9" Sq. x ¾"	9 3/16"	³⁄₄" x 30"	14.5	10.0	7.6
20'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	16.2	11.3	7.9
20'	5" SQ	.180	12" Sq. x 1"	12 ¾"	1"x 36"	26.2	21.2	15.4
22'	4" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	6.3	3.7	1.8
22'	4" SQ	.180	12" Sq. x 1"	12 ¾"	1"x 36"	11.8	7.9	5.3
22'	5" SQ	.120	12" Sq. x 1"	12 ¾"	1"x 36"	12.5	8.3	5.4
22'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	21.1	15.2	10.9
24'	4" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	5.3	2.7	1.5
24'	4" SQ	.180	12" Sq. x 1"	12 ¾"	1"x 36"	10.8	6.8	4.2
24'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	5.3	2.7	1.5
24'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	19.8	13.7	9.1
25'	4" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	4.7	2.5	1.2
25'	4" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	10.9	7.4	5.2
25'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	10.2	6.6	1.6
25'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	18.9	13.2	9.6
26'	4" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	4.7	2.5	1.2
26'	4" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	10.7	7.1	4.9
26'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	9.8	6.3	1.3
26'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	18.5	12.9	9.4
28'	4" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	6.0	2.2	1.6
28'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	5.8	3.2	1.5
28'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	12.2	7.8	4.6
28'	6" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	21.7	14.6	9.8
30'	5" SQ	.120	12" Sq. x 1"	12 3/4"	1"x 36"	5.2	2.3	-
30'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	11.6	6.9	4.1
30'	6" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	18.8	12.7	8.3
32'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	10.1	4.9	2.6
32'	6" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	16.6	8.4	5.2
35'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	6.8	2.4	1.9
35'	6" SQ	.180			1"x 36"	12.2	7.1	
			12" Sq. x 1"	12 3/4"				3.9
39'	5" SQ	.180	12" Sq. x 1"	12 3/4"	1"x 36"	3.1	-	-
39'	6" SQ	.180	12" Sq. x 1"	12 ¾"	1"x 36"	7.3	3.0	-



BK 7223 PG 263 10/15/04 10:20 DDC 37/87 Bristol Co. S.D.

OUITCLAIM DEED

THE GOODYEAR TIRE & RUBBER COMPANY., a corporation organized and existing under the laws of the State of Ohio, with a principal place of business in Akron, Ohio,

for consideration paid, and in full consideration of ONE MILLION FIVE HUNDRED FIFTY THOUSAND AND NO/100 (\$1,550,000.00),

grants to CLARK'S COVE DEVELOPMENT CO., LLC, a Massachusetts Limited Liability Company with a usual place of business located at 651 Orchard Street, Suite 200, New Bedford, MA 02744,

land in New Bedford,

Beginning at the northwesterly corner thereof at the intersection of Bolton Road and Swift Street; thence running easterly by said Swift Street four hundred forty-five (445) feet, more or less, to Orchard Street; thence running southerly by said Orchard Street nine hundred eighty and eighty one-hundredths (980.80) feet to property now or formerly of the Gosnold Mills; thence running westerly at an interior angle of eighty-nine degrees fifty-one minutes (89° 51') by said Gosnold Mills land in part through the center of a brick wall five hundred forty-one and eighty-three one-hundredths (541.83) feet, more or less, to said Bolton Road; and thence running northerly by said Bolton Road about nine hundred eighty-five (985) feet to the point of beginning.

Together with all the right, title and interest of the Grantor in, to and concerning a certain twenty-four inch (24") pipe, commencing at the dividing line between the above-described parcel and said land of the Gosnold Mills property and running through said land of the Gosnold Mills property and running through said land of the Gosnold Mills property through Orchard and Cove Streets; thence through a twenty (20) foot strip of land to and into the water of Clark's Cove to a certain well or structure therein situated, particularly including herein all the right, title and interest of the Grantor in and to said twenty (20) foot strip of land and said well or structure and all other rights included or specified in, and subject to the obligations contained in, two certain instruments from the New England Cotton Yarn Company to and with Lawrence A. Ford, both dated August 14, 1902 and respectively recorded with said Bristol County, South District Registry of Deeds, Book 228, Pages 286 and following and Book 228, Pages 294 and following.

Subject to and with the benefit of easements and restrictions of record insofar as they may be in full force and effect.

Being the same premises conveyed Grantor by deed dated December 31, 1956 and recorded in the Bristol County (S.D.) Registry of Deeds in Book 1209, Page 100.

This sale does not constitute substantially all of the assets of said Corporation.

IN WITNESS WHEREOF, the said GOODYEAR TIRE & RUBBER COMPANY, has caused its corporate seal to be hereto affixed and these presents to be signed, acknowledged, and delivered in its name and behalf by AJDELGUYD its DIRECTOR - REAL ESTATE , hereto duly authorized, this LITEL day of October 2004.

Signed and sealed in presence of

THE GOODYEAR TIRE & RUBBER COMPANY

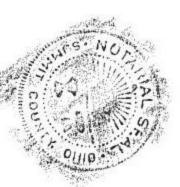
By: A.I DE

DIRECTOR - REAL ESTATE

THE COMMONWEALTH OF MASSACHUSETTS

STATE OF OHIO COUNTY OF SUMMIT BRISTOL, SS.

October 11, 2004



REG OF DEEDS REG #07 BRISTOL S

10/15/04 10:20AM 01 000000 #1428

FEE

\$7068.00

CASH \$7068.00

Official Signature of Notary
My commission expires:

May 22, 2007

JOYCE LEE GOROG, Notary Public Residence - Summit County State Wide Jurisdiction, Ohio My Commission Expires May 22, 2007

CERTIFICATION

I, the undersigned, Bertram Bell, Assistant Secretary of The Goodyear Tire & Rubber Company, a corporation organized and existing under the laws of the State of Ohio, do hereby certify that the attached is a full, true and correct copy of the Delegation of Authority to the Director Real Estate and to the Manager Real Estate Services dated July 1, 2004 signed by Robert J Keegan, Chairman of the Board, Chief Executive Officer and President, and attested by Bertram Bell, Assistant Secretary, of said corporation.

And I further certify that the attached Delegation of Authority has been neither revoked nor modified and is in full force and effect at the date hereof.

And I further certify that my examination of the applicable records of said corporation on the date hereof reveals that Anthony J Delguyd is the Director, Real Estate and that Steve A Mikolay is the Manager, Real Estate Services of The Goodyear Tire & Rubber Company and is authorized to sign documents specified in the attached Delegation of Authority.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the corporate seal of said The Goodyear Tire & Rubber Company to be affixed this 22nd day of September, 2004.

Assistant Secretary

THE GOODYEAR TIRE & RUBBER COMPANY

The Goodyear Tire & Rubber Company

Akron, Ohio 44316-0001

July 1, 2004

DELEGATION OF AUTHORITY

TO WHOM IT MAY CONCERN:

Pursuant to authority vested in me by resolution adopted by the Board of Directors of The Goodyear Tire & Rubber Company (hereinafter referred to as the "Company"), on August 3, 1999, I hereby authorize the

DIRECTOR REAL ESTATE MANAGER REAL ESTATE SERVICES

of the Company to execute for and on behalf and in the name of the Company, without attestation and without affixation of the corporate seal, any lease or sublease of real property (including oil, gas and mineral rights) or agreements (including deeds and related instruments) for the purchase or sale of real property for use and operation as or incidental to a distribution or production facility of The Goodyear Tire & Rubber Company, including easements, access and license agreements, and amendments to any of the foregoing, provided that such shall fall within the following categories:

- Subleases of lease-controlled vacant properties, and including subleases to dealers and franchisees and leases of Company-owned properties.
- Leases and subleases where the base term does not exceed twenty (20) years and base rental does not exceed \$500,000.00 per lease year (net to lessor).
- Office leases where the base term does not exceed ten (10) years and the base rental does not exceed \$500,000.00 per lease year.
- Lease and sublease assignments.
- Listing Agreements with brokers to sell, lease or sublease properties at a commission rate not to exceed 10 percent.
- 6. Recreational area (baseball fields, Goodyear Theater, etc), farm land and/or pasture land leases and license agreements on plant sites wherein the term does not exceed five (5) years (cancelable by Goodyear at any time upon 30 days' notice to tenant) at the highest rental reasonably obtainable.

- Oil, gas or mineral leases wherein the total expenditure does not exceed \$50,000.00.
- Purchase of individual properties in an amount not to exceed \$3,000,000.00.
- Sale or leasing of surplus property.
- Real Estate License Agreements.
- 11. Easement Agreements.
- Certification of lease terms, conditions and status to lessors or third parties.
- Agreements for the subordination of leases and subleases.
- Settlement and release agreements relating to Goodyear leased and fee-owned property.

In exercising the authority granted within this letter, they are directed to observe such instructions as to prior approvals, including, approval by the Law Department and, where commitments are involved, have an approved budget as shall have been prescribed by the executive officer of the Company having cognizance of the subject matter

The documents listed above will be retained in the Contract Records Department of the Secretary's Office.

This Delegation shall be in full force and effect from July 1, 2004 to and including June 30, 2006 unless theretofore revoked, and cancels and supersedes a similar delegation dated July 1, 2002.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the official corporate seal of said Company to be affixed.

Chairman of the Board,

Chief Executive Officer and President

THE GOODYEAR TIRE & RUBBER COMPANY

Attest:

Assistant Secretary

Purchase and Sale Agreement New Bedford, Massachusetts 02744

Notice of Agreement

The undersigned hereby certify that Seller and Buyer have entered into a Purchase and Sale Agreement ("**Agreement**") upon the following terms:

SELLER:

Clark's Cove Development Co., LLC, a Massachusetts

limited liability company

BUYER:

Lisciotti Development Corp., a Massachusetts corporation

PROPERTY:

A Portion of Parcel 23-294, New Bedford, Massachusetts

02744 (as

further described in Purchase and Sale

Agreement)

SELLER'S TITLE:

See the Deed dated October 11, 2004 and recorded at the

New Bedford Registry of Deeds at Book 7223, Page 263.

DATE OF EXECUTION

OF AGREEMENT:

December 8, 2018

BUYER'S PERMITTING

RIGHTS:

Buyer may file, in Buyer's name (or, if required by any governmental agency, in Seller's name, as Seller's agent) and for Buyer's benefit, zoning code approvals, variances, changes or other appropriate relief, subdivisions,

environmental or other related approvals.

This Memorandum is executed only for the purpose of giving notice of the existence of the Agreement and is not intended to modify, expand or reduce any of the rights of Seller and Buyer as set forth in the Agreement.

EXECUTED under seal.

SELLER:

Clark's Cove Development Co., LLC,

a Massachusetts limited liability company

BUYER:

By:

Lisciotti Development Corp.,

a Massachusetts corporation

By: John E. Williams

Manager, Duly Authorized

Gregg Lisciotti
President, Duly Authorized

Purchase and Sale Agreement New Bedford, Massachusetts 02744

COMMONWEALTH OF MASSACHUSETTS

Bristol County, ss.	December 22 2018
Then personally appeared the above-rauthorized, and proved to me through satisfactory authorized, and proved to me through satisfactory preceding document, and acknowledged the fittee capacity set forth above. Notary Public: Sara B. O'Leary My commission expires 10/24/2019	erson whose name is signed on the
COMMONWEALTH C	F MASSACHUSETTS
Worcester County, ss.	December, 2018
Then personally appeared the above-r proved to me through satisfactory evidence o license, to be the person whose name is signe acknowledged the foregoing to be his free act	d on the preceding document, and
Notary Public	
My commission expires	

Purchase and Sale Agreement New Bedford, Massachusetts 02744

COMMONWEALTH OF MASSACHUSETTS

Bristol Co	unty,	SS.
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December , 2018

Then personally appeared the above-named John E. Williams, Manager, duly authorized, and proved to me through satisfactory evidence of identification, which was ________, to be the person whose name is signed on the preceding document, and acknowledged the foregoing to be her/his free act and deed in the capacity set forth above.

Notary Public: Sara B. O'Leary

My commission expires 10/24/2019

COMMONWEALTH OF MASSACHUSETTS

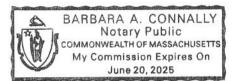
Worcester County, ss.

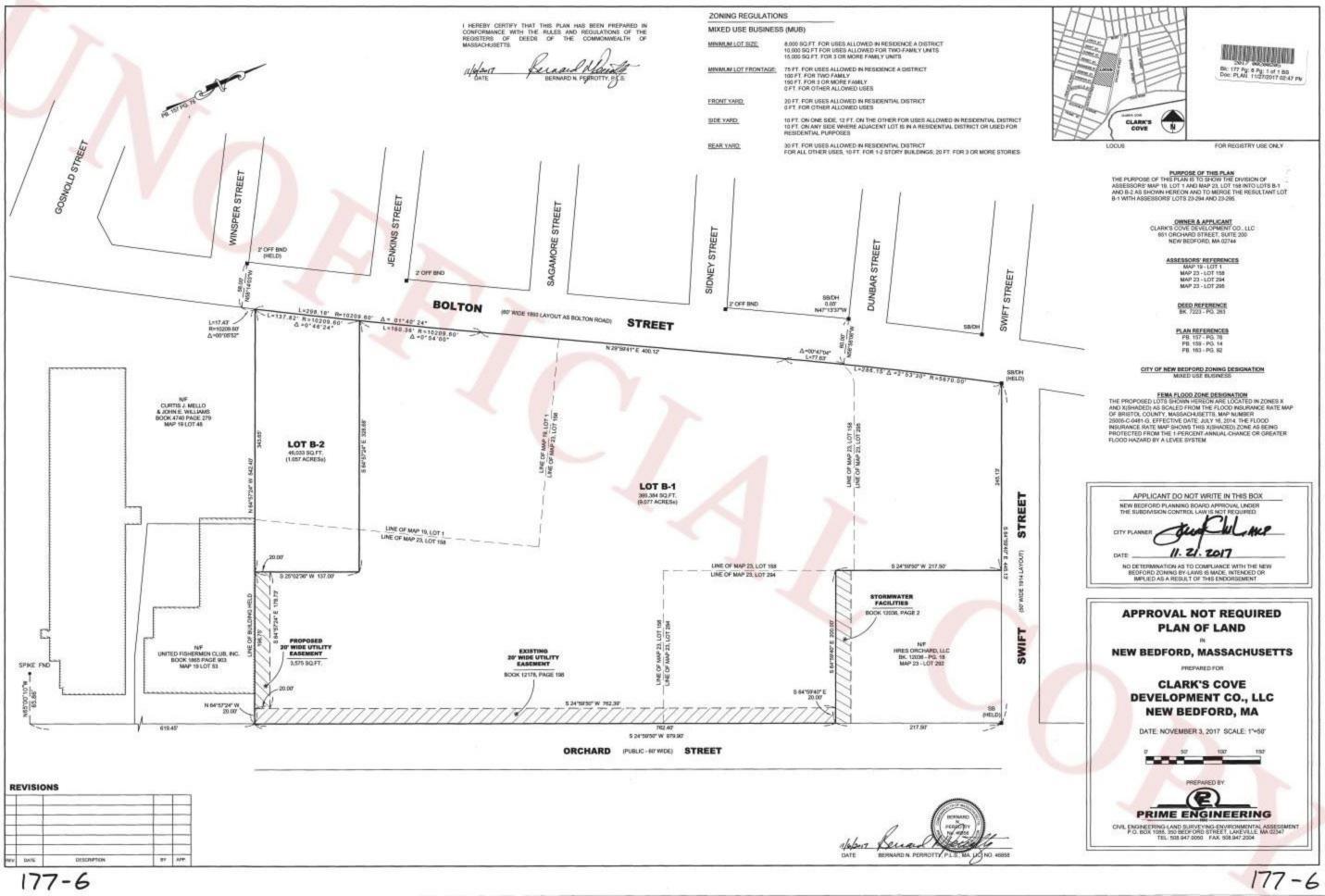
December **19**, 2018

Then personally appeared the above-named Gregg Lisciotti, duly authorized, and proved to me through satisfactory evidence of identification, which was a valid driver's license, to be the person whose name is signed on the preceding document, and acknowledged the foregoing to be his free act and deed in his capacity as aforesaid.

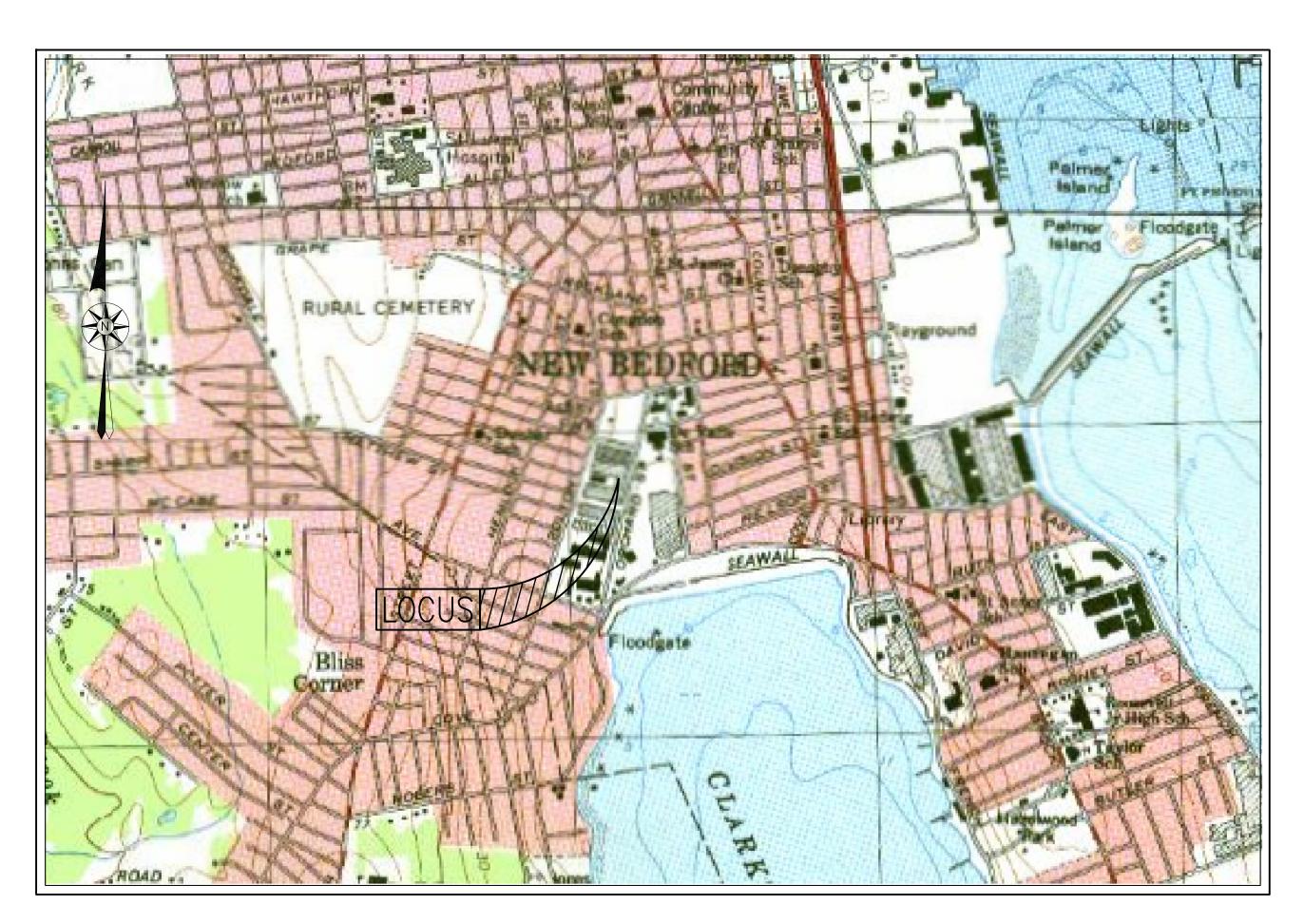
Notary Public

My commission expires (0,20,2)





— SITE PLAN — WS ORCHARD STREET ASSESSORS MAP 23 LOTS 158 & 294 NEW BEDFORD, MASSACHUSETTS



—AREA MAP—

SCALE: 1"=1,000'±

CORD OWNER

RECORD OWNER:
ASSESSORS MAP 23 LOTS 158 & 294
CLARK'S COVE DEVELOPMENT CO., LLC
651 ORCHARD STREET, SUITE 200
NEW BEDFORD, MA 02744
DEED BOOK 7223 PAGE 263
PLAN BOOK 177 PAGE 6

WAIVERS REQUESTED

<u>CODE OF ORDINANCES — CH. 9 COMPREHENSIVE ZONING</u>

1. SECTION 5455 — DEVELOPMENT IMPACT STATEMENT

Z	ONING DATA	\	
DISTRICT:	MUB (MIXED USE B	USINESS)	
<u>DESCRIPTION</u>		<u>REQUIRED</u>	<u>PROVIDED</u>
LOT AREA		8,000 S.F.	46,174± S.F.
LOT FRONTAGE		0 FT	230.00 FT
FRONT SETBACK		0 FT	77.5± FT
SIDE SETBACK		10 FT	53.5± FT
REAR SETBACK		10 FT	40.5± FT
BUILDING HEIGHT (MAXIMUM)		100 FT	22.9± FT
BUILDING COVERAGE (MAXIMUM)		100 %	21.7± %
LOT COVERAGE (MAXIMUM)		100 %	62.6± %

- PARKING & LOADING REQUIREMENTS -PRINCIPAL USE: RETAIL STORE REQUIREMENT <u>PROVIDED</u> ONE (1) SPACE PER EACH 200 S.F. OF GROSS FLOOR AREA, BUT NOT LESS THAN TWO (2) SPACES FOR EACH BUSINESS USE INTENDED TO OCCUPY THE PREMISES. AFTER 20,000 S.F. OF 50 TOTAL SPACES 50 TOTAL SPACES GROSS FLOOR AREA, ONE SPACE PER 400 S.F. WHEN 26-50 TOTAL PARKING SPACES ARE REQUIRED, 2 MUST BE 2 ACCESSIBLE 2 ACCESSIBLE ACCESSIBLE SPACES. ONE IN EVERY EIGHT ACCESSIBLE SPACES, SPACES BUT NOT LESS THAN ONE, SHALL BE VAN ACCESSIBLE TWO (2) LOADING SPACES FOR EACH BUILDING CONTAINING 10,000 S.F. OF GROSS FLOOR AREA. THEREAFTER, ONE (1) ADDITIONAL LOADING SPACE SHALL BE REQUIRED FOR EACH FIFTEEN (15) FEET 1 LOADING SPACE 1 LOADING SPACE OF DOCK, PLATFORM, OR OPENING IN THE BUILDING WHERE THE LOADING OR UNLOADING OF COMMODITIES IS INTENDED TO OCCUR.

- IN D E X -

SHEET DESCRIPTION

1 COVER

EXISTING CONDITIONS

LAYOUT

GRADING & DRAINAGE

5 UTILITIES

6 LANDSCAPE

7 LIGHTING

8 NOTES & LEGEND

9-10 DETAILS

REVISIONS
7/5/19 PLANNING BOARD COMMEN





www.FarlandCorp.com

401 COUNTY STREET
NEW BEDFORD, MA 02740
P.508.717.3479
OFFICES IN:
•TAUNTON
•MARLBOROUGH
•WARWICK, RI

DRAWN BY: MJW

DESIGNED BY: MJW

CHECKED BY: CAF

E PLAN
IARD STREET ——
23 LOTS 158 & 294
), MASSACHUSETTS

VEW BEDFORD,
LISCIOTTI DEVELOPMENT
83 ORCHARD HILL PARK DRIVE

JUNE 7, 2019

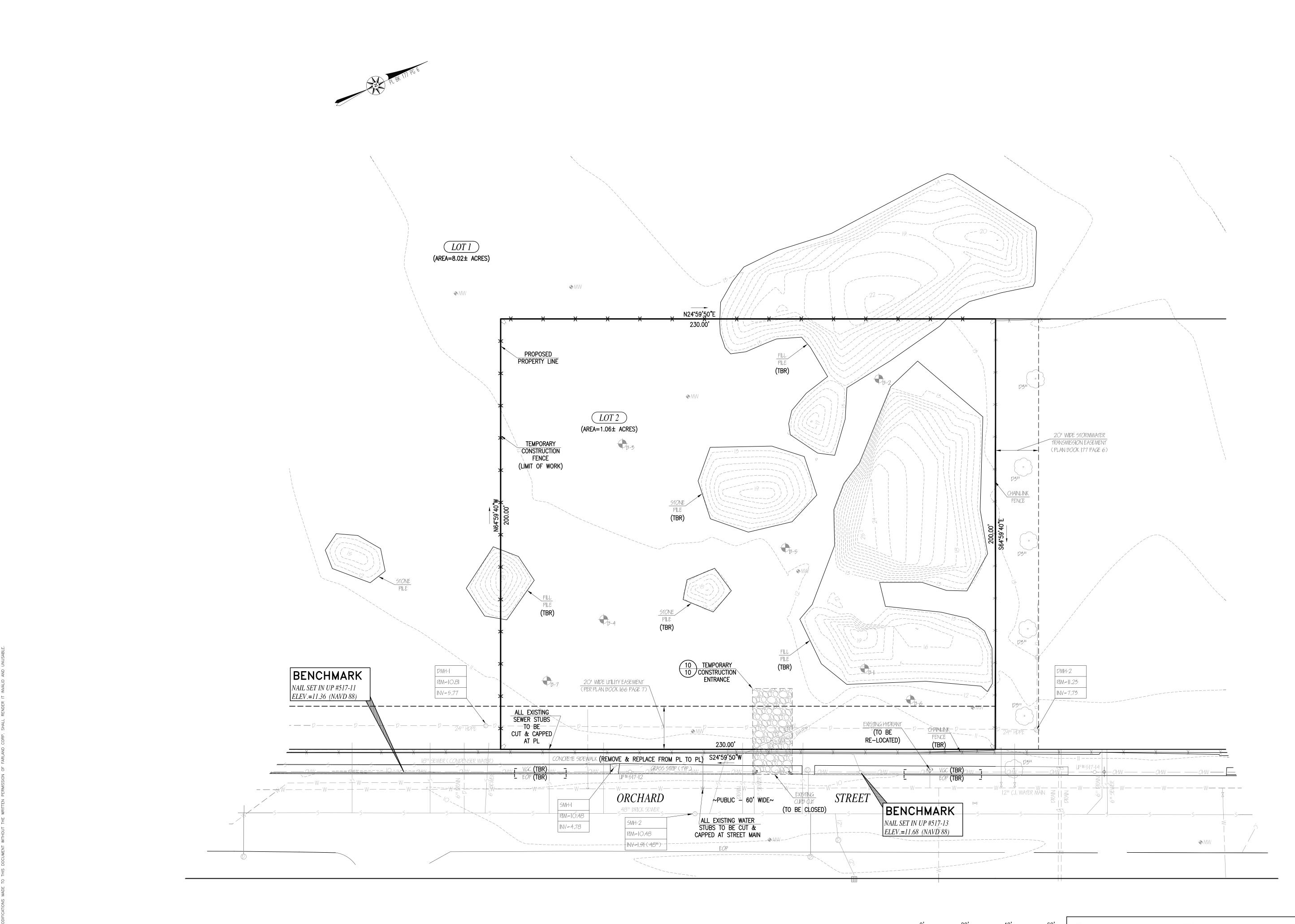
JOB NO. 19-210

LATEST REVISION:

JULY 5, 2019 COVER

SHEET 1 OF 10

LISCIOTTIDEVELOPMENT



REVISIONS

1 7/5/19 PLANNING BOARD COMMENTS





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•WARWICK, RI

DRAWN BY: MJW

DESIGNED BY: MJW

CHECKED BY: CAF

AN FREET —— TS 158 & 294 SACHUSETTS

ASSESSORS MAP 23 LOTS 158
NEW BEDFORD, MASSACHUS

JUNE 7, 2019

SCALE: 1"=20'

JOB NO. 19-210

LATEST REVISION:

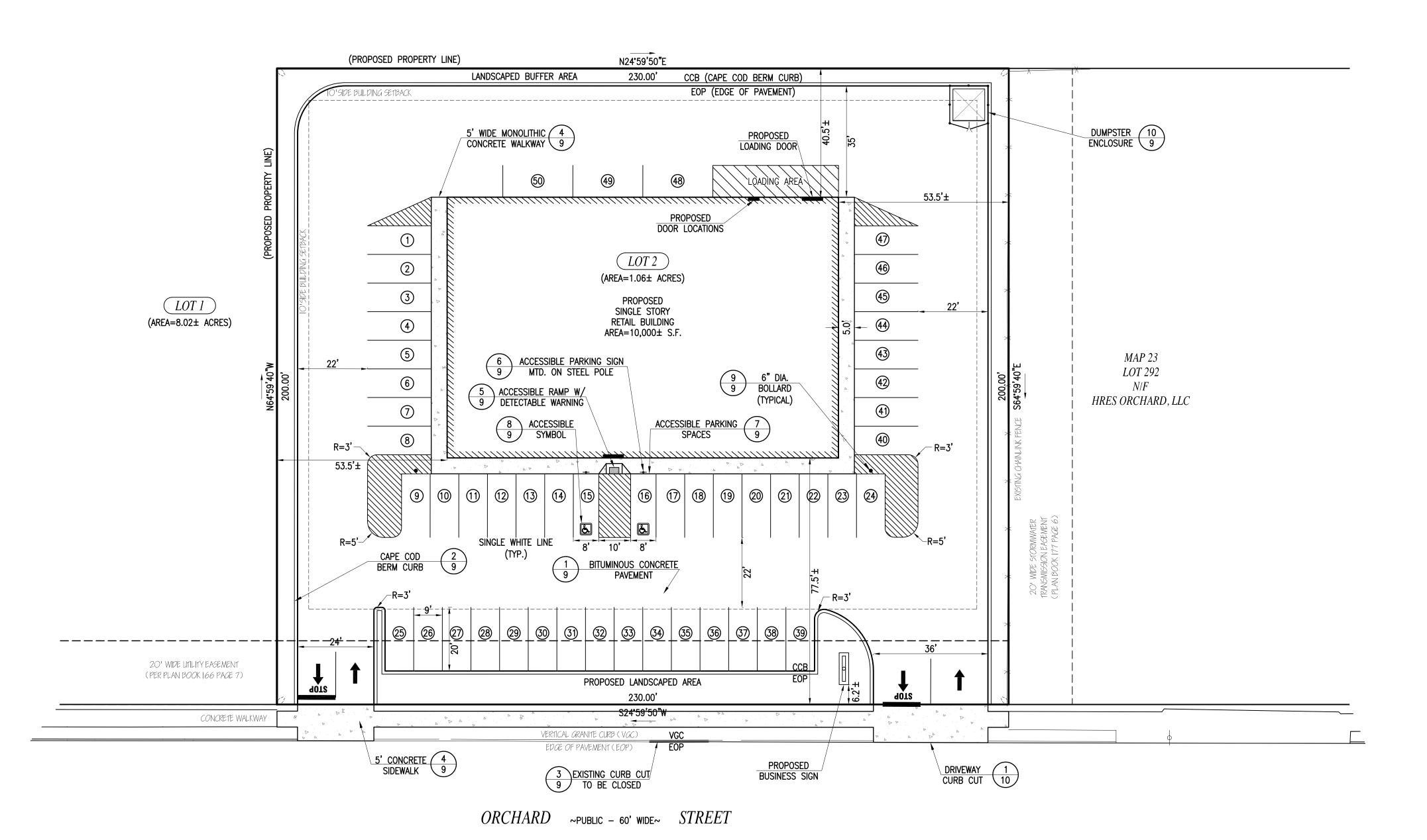
EXISTING CONDITIONS

JULY 5, 2019

SHEET 2 OF 10

0' 20' 40' 60

LISCIOTTIDEVELOPMENT



LISCIOTTIDEVELOPMENT

7/5/19 | PLANNING BOARD COMMENTS





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DRAWN BY: MJW

DESIGNED BY: MJW CHECKED BY: CAF

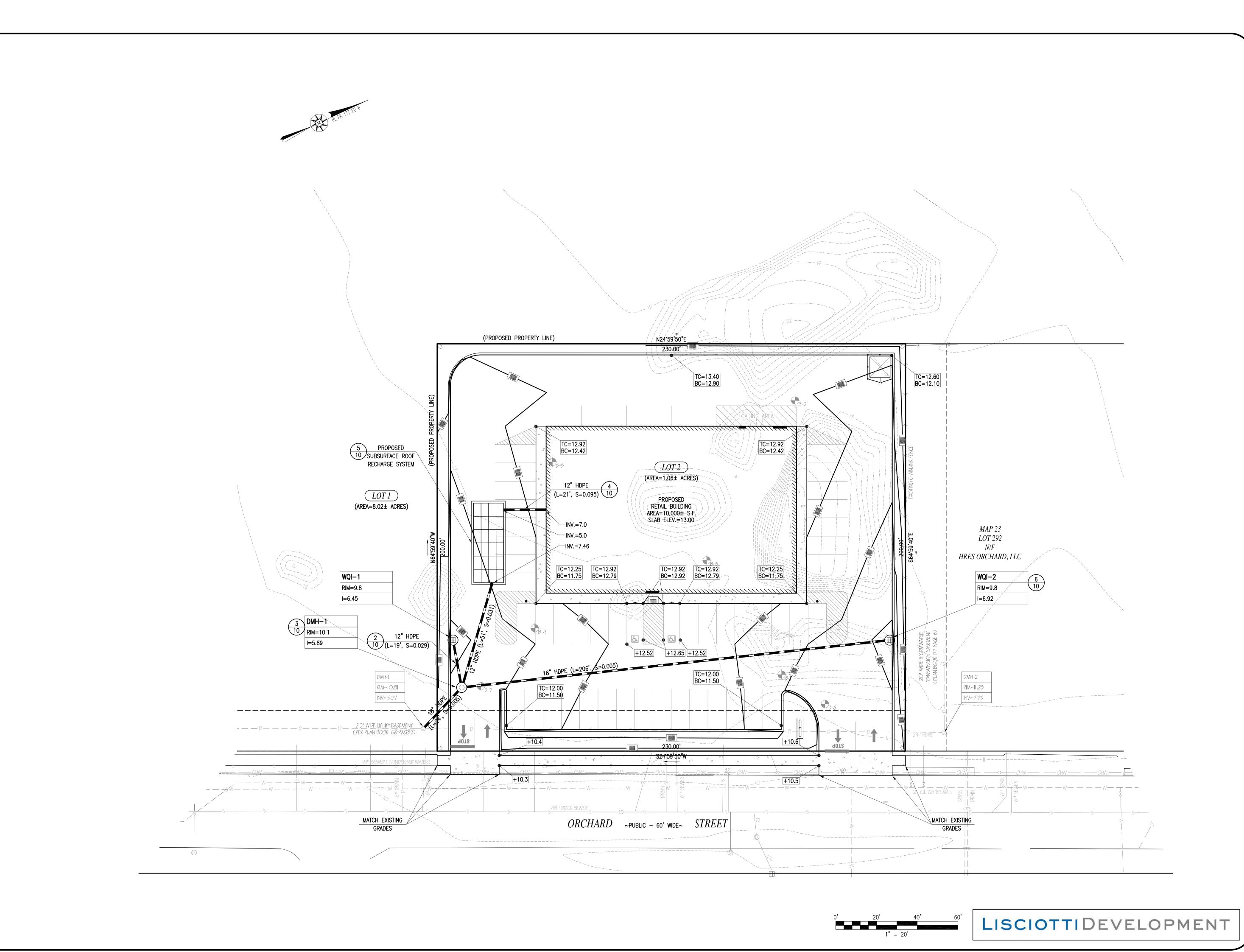
9 2 **%** □ ASSESSORS MAP 23 LOTS 158
NEW BEDFORD, MASSACHUSI

JUNE 7, 2019 SCALE: 1"=20' JOB NO. 19-210 LATEST REVISION:

LAYOUT

JULY 5, 2019

SHEET 3 OF 10



REVISIONS 1 7/5/19 PLANNING BOARD COMMENTS





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DRAWN BY: MJW

DESIGNED BY: MJW CHECKED BY: CAF

2 % ∏S, ASSESSORS MAP 23 LOTS 158

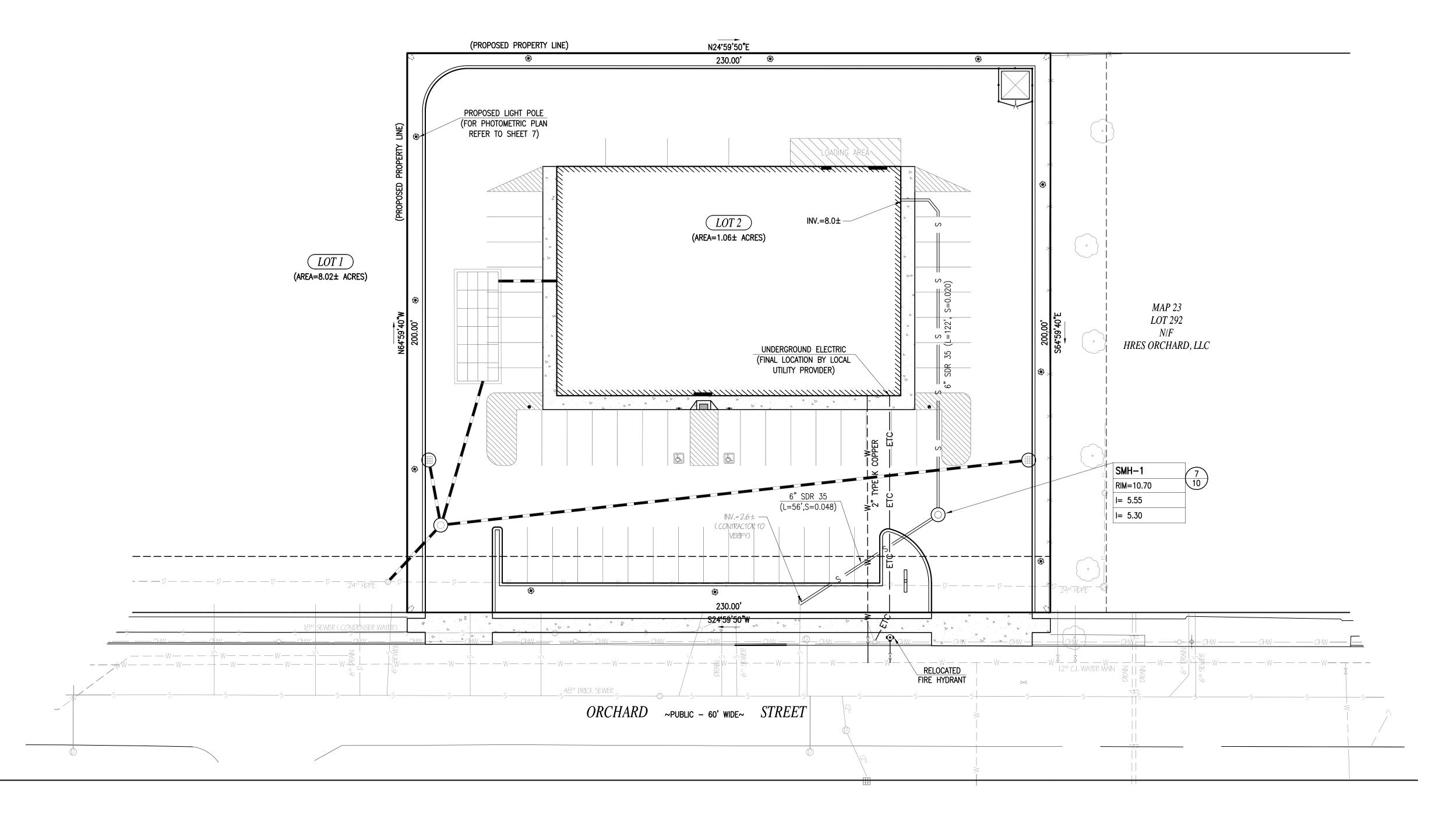
NEW BEDFORD, MASSACHUSE

JUNE 7, 2019 SCALE: 1"=20' JOB NO. 19-210

LATEST REVISION: JULY 5, 2019

GRADING & DRAINAGE

SHEET 4 OF 10



LISCIOTTIDEVELOPMENT

1 7/5/19 PLANNING BOARD COMMENTS





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401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH •WARWICK, RI

DRAWN BY: MJW DESIGNED BY: MJW CHECKED BY: CAF

2 **%** □ ASSESSORS MAP 23 LOTS 158 NEW BEDFORD, MASSACHUSE

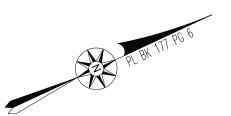
JUNE 7, 2019 SCALE: 1"=20'

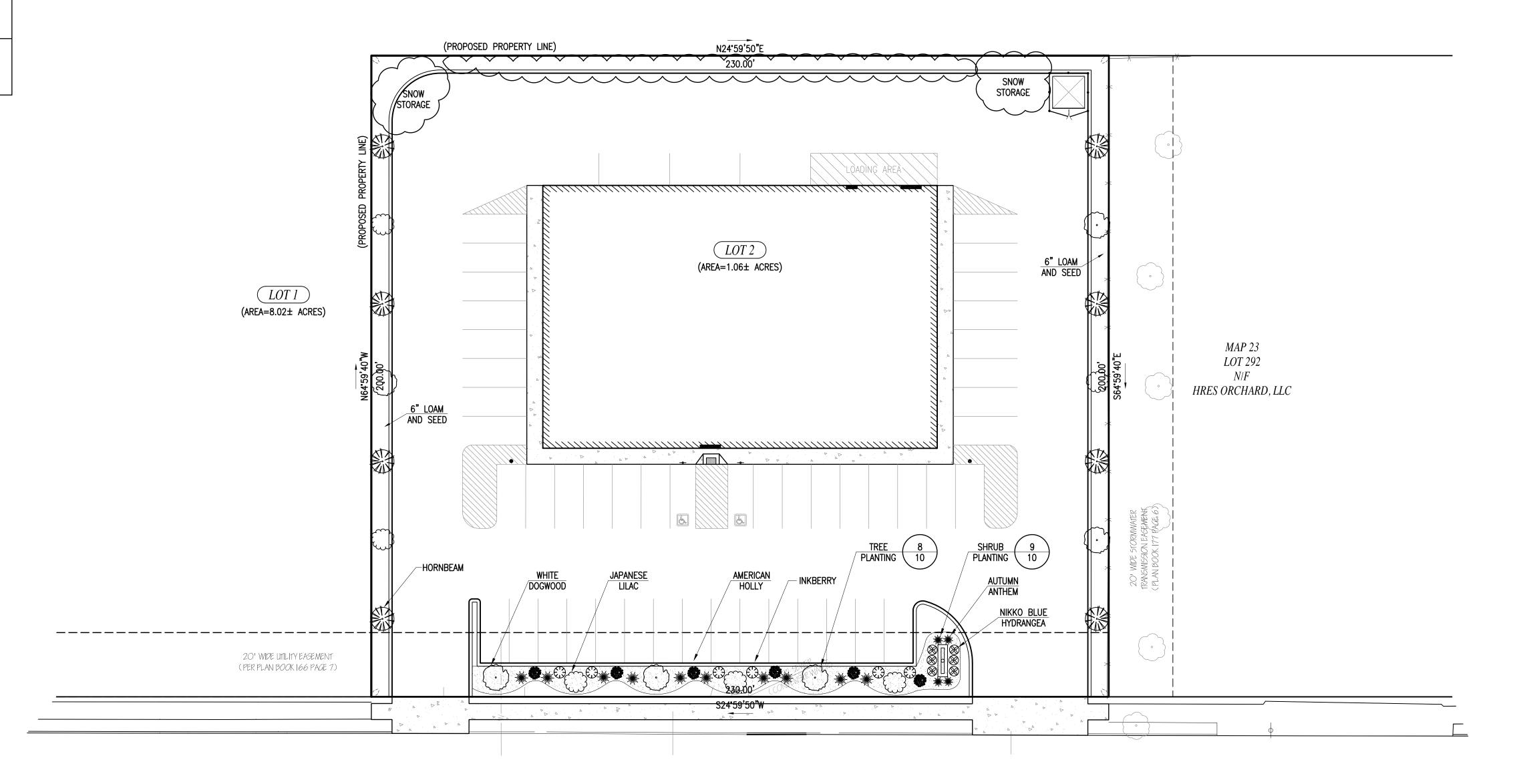
JOB NO. 19-210 LATEST REVISION:

JULY 5, 2019 UTILITES

SHEET 5 OF 10

LANDSCAPE TABLE										
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY						
TREES										
	SYRINGA RETICULA	JAPANESE LILAC	5'-6' HT	6						
	CARPINUS CORDATA	HORNBEAM	6'-8' HT	6						
	CORNUS FLORIDA	WHITE DOGWOOD	12'-14' HT							
SHRUBS										
	LLEX GLABRA 'SHAMROCK'	INKBERRY	2 GAL.	6						
	HYDRANGEA MACROPHYLLA 'NIKKO BLUE'	NIKKO BLUE HYDRANGEA	2 GAL.	6						
	ILEX OPACA	AMERICAN HOLLY	2 GAL.	6						
*	MISCANTHUS SINENSIS	AUTUMN ANTHEM	2 GAL.	14						





ORCHARD ~PUBLIC - 60' WIDE~ STREET

LISCIOTTIDEVELOPMENT

1 7/5/19 PLANNING BOARD COMMENTS





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DRAWN BY: MJW

DESIGNED BY: MJW CHECKED BY: CAF

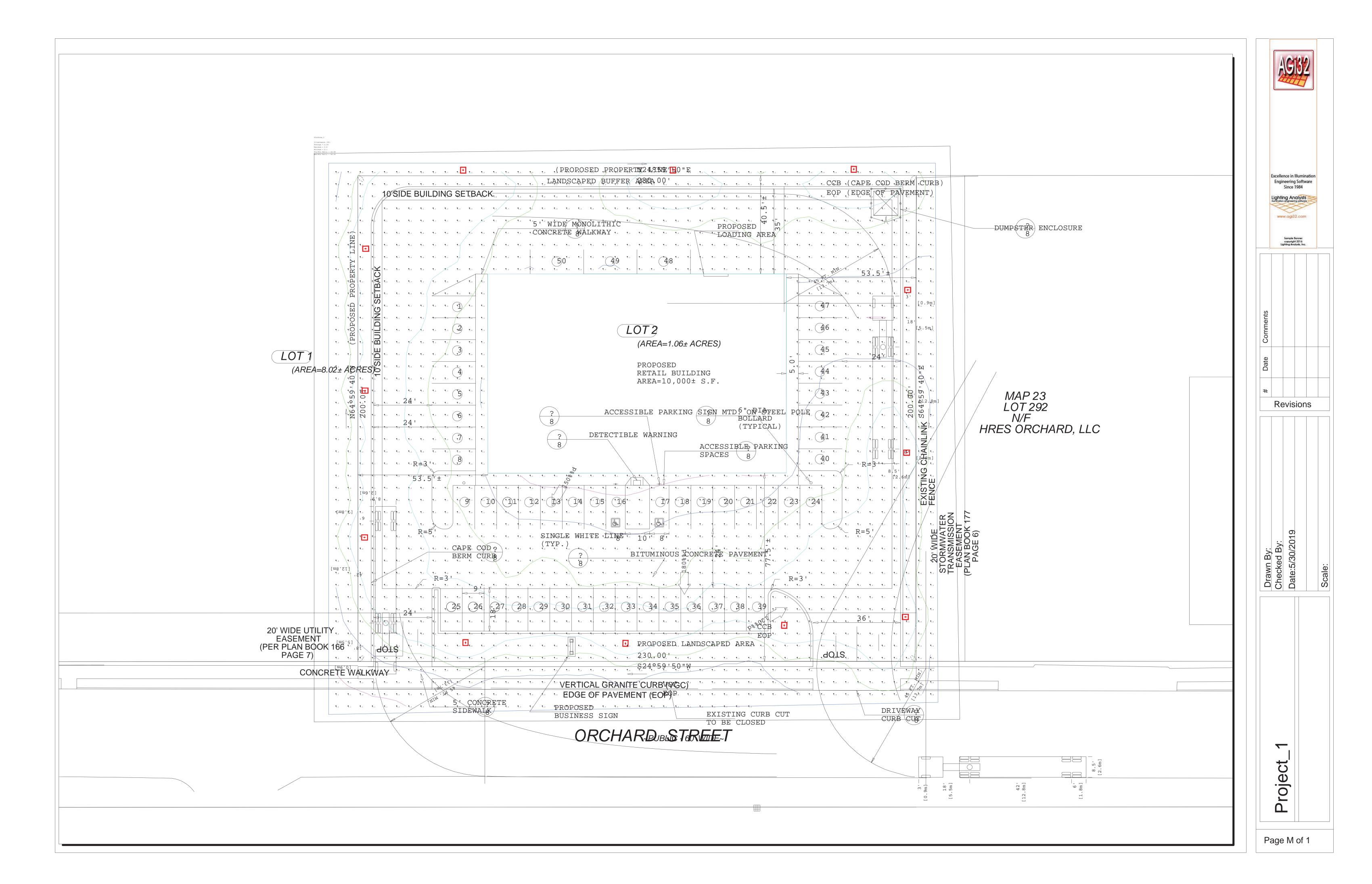
& 294 TTS

JUNE 7, 2019 SCALE: 1"=20' JOB NO. 19-210

LATEST REVISION: JULY 5, 2019

LANDSCAPING

SHEET 6 OF 10



GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- TOPOGRAPHIC AND PROPERTY LINE SURVEY PERFORMED BY FARLAND CORP. IN APRIL OF 2019.
- VERTICAL ELEVATIONS REFER TO THE CITY OF NEW BEDFORD DATUM. 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- 6. ALL BENCHMARKS SHOWN ON THIS PLAN ARE TO BE CHECKED FOR CONSISTENCY BY THE CONTRACTOR. ANY DISCREPANCIES MUST BE RESOLVED BY THIS OFFICE PRIOR TO CONSTRUCTION.
- WHERE PROPOSED PAVEMENT AND WALKS ARE TO MEET EXISTING, THE CONTRACTOR SHALL SAWCUT A NEAT LINE AND MATCH GRADE. SEAL ALL JOINTS WITH HOT BITUMINOUS ASPHALT JOINT SEALER.
- 8. CURBING TO BE AS INDICATED ON THE PLANS. 9. ALL EXISTING TREES, SHRUBS AND GROUND COVER WHERE NATURAL GRADE IS TO BE RETAINED SHALL
- BE KEPT IN THEIR EXISTING STATE UNLESS REMOVAL IS REQUIRED FOR CONSTRUCTION PURPOSES. 10. ALL AREAS DISTURBED BY CONSTRUCTION AND NOT TO BE PAVED OR OTHERWISE TREATED AS NOTED ON
- PLAN SHALL BE TREATED WITH 4" OF LOAM, SEEDED AND HAY MULCHED FOR EROSION CONTROL.
- 11. SITE IMPROVEMENTS SHALL CONFORM TO A.D.A. SPECIFICATIONS. LIGHTING SHALL BE DIRECTED ON SITE AND AWAY FROM TRAFFIC INTERFERENCE.
- 13. TEST PITS AND/OR BORINGS WERE TAKEN FOR THE PURPOSE OF DESIGN AND SHOW CONDITIONS AT BORING POINTS ONLY. THEY DO NOT NECESSARILY SHOW THE NATURE OF ALL MATERIALS TO BE ENCOUNTERED DURING CONSTRUCTION.
- 14. THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES ACCORDING TO THE LOCAL AUTHORITY'S SPECIFICATIONS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF THE PROPERTY LINE.
- 15. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- 16. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
- 17. THESE PLANS ARE PERMITTING PLANS AND SHALL NOT TO BE USED FOR CONSTRUCTION. A FINAL SET OF STAMPED PLANS FOR CONSTRUCTION WILL BE ISSUED AFTER RECEIVING FINAL APPROVAL FROM THE LOCAL AND/OR STATE DEPARTMENTS.

CONSTRUCTION SEQUENCING NOTES

- CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES. EROSION CONTROL FACILITIES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING.
- 2. TREE PROTECTION FENCE SHALL BE INSTALLED AND APPROVED BY THE OWNER REPRESENTATIVE PRIOR TO ANY FARTH MOVING
- 3. ALL PERMANENT DITCHES AND SWALES ARE TO BE STABILIZED WITH VEGETATION OR RIP RAP PRIOR TO
- DIRECTING RUNOFF TO THEM. 4. CLEAR CUT, DEMOLISH AND DISPOSE OF EXISTING SITE ELEMENTS NOT TO REMAIN.
- 5. STORMWATER SHALL NOT BE DIRECTED TOWARDS THE INFILTRATION BASINS UNTIL THE ENTIRE CONTRIBUTING
- DRAINAGE AREA HAS BEEN STABILIZED. 6. GRADE AND GRAVEL ALL PAVED AREAS. ALL PROPOSED PAVED AREAS SHALL BE STABILIZED IMMEDIATELY
- AFTER GRADING. 7. BEGIN ALL PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE
- SEEDED AND MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION. 8. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND MULCH AND
- SEED AS REQUIRED.
- 9. FINISH PAVING ALL HARD SURFACE AREAS.
- 10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES. 11. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 12. REMOVE TEMPORARY EROSION CONTROL MEASURES.
- 13. THE CONSTRUCTION SEQUENCE SHALL BE CONFINED TO THE LIMIT OF WORK AS SHOWN ON THE DRAWINGS 14. UPON COMPLETION OF CONSTRUCTION THE OWNER SHALL AGREE TO MAINTAIN AND CLEAN ALL DRAINAGE STRUCTURES AS REQUIRED.

SITE PREPARATION NOTES

- WITHIN THE LIMIT OF WORK LINE AS NOTED ON THE SITE PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS
- CONTRACTOR BEFORE ANY WORK SHALL COMMENCE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES

2. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE

- BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. 4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO CONTRACTOR OPERATIONS.
- ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL
- 7. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
- THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADES AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.

<u>LAYOUT AND MATERIAL NOTES</u>

- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS. SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED
- IMMEDIATELY TO THE OWNER'S REPRESENTATTIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE
- BUILDING INCLUDING SIDEWALKS, RAMPS, UTILITY ENTRANCE LOCATIONS, WALL PACKS, CONCRETE DOOR PADS. ROOF DRAINS, ETC. ACCESSIBLE CURB RAMPS SHALL BE PER THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE
- AMERICANS WITH DISABILITIES ACT ACCESSIBLITY GUIDELINES, WHICHER IS MORE STRINGENT.
- THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN: ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING.
- ALL DIMENSIONS ARE TO FACE OF CURB AT GUTTER LINE.
- ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS.
- ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.

UTILITY AND GRADING NOTES

- 1. ALL ON-SITE STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR RCP, UNLESS NOTED OTHERWISE.
- HDPE PIPE SHALL CONFORM WITH AASHTO DESIGNATIONS M294 AND M252, SHALL BE MANUFACTURED WITH HIGH DENSITY POLYETHYLENE PLASTIC AND SHALL BE ADS N-12 PIPE AS MANUFACTURED BY

ADVANCE DRAINAGE SYSTEM, INC. OR HANCOR HI Q PIPE AS MANUFACTURED BY HANCOR, INC. OR

- APPROVED EQUAL UNLESS OTHERWISE NOTED OR DETAILED. 3. A MINIMUM OF 18" VERTICAL CLEARANCE SHALL BE MAINTAINED WHERE WATER SERVICES CROSS STORM
- DRAIN LINES. 4. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO A POINT OF 10 FEET FROM THE BUILDING WALL
- UNLESS OTHERWISE NOTED OR DETAILED. ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5 FEET OF COVER AND A MAXIMUM OF 6 FEET OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE
- REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES. 6. GENERALLY, WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSE. THE CONTRACTOR SHALL NOTE THAT NOT ALL FITTINGS ARE NOTED, SHOWN OR INDICATED.
- 7. ALL WATER MAIN FITTINGS, TEES, BENDS, HYDRANTS, ETC. SHALL BE RESTRAINED WITH CONCRETE THRUST BLOCKS.
- 8. ALL HYDRANTS SHALL BE INSTALLED WITH A 6" C.L.D.I. RUNOUT AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED GATE VALVE, BOX, AND TEE FITTING. ALL HYDRANTS SHALL MEET LOCAL MUNICIPAL SPECIFICATION REQUIREMENTS AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL MUNICIPAL
- 9. DOMESTIC WATER SERVICES 2.5" AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED CORPORATION STOP AND APPROVED SADDLE CURB STOP, AND BOX,
- USING MATERIALS SPECIFIED BY THE MUNICIPAL WATER DEPARTMENT OR COMPANY. 10. ALL WATER MAINS 3" AND LARGER SHALL BE CEMENT LINED DUCTILE IRON — CLASS 52. AND SHALL BE
- INSTALLED WITH APPROPRIATELY SIZED FITTINGS AND GATE VALVES. 11. ALL WATER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS
- SHALL MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS. 12. PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH ALL LOCAL MUNICIPAL STANDARDS AND REQUIREMENTS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS IN
- CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE LOCAL MUNICIPALITY. 13. PRIMARY WATER METER AND BACKFLOW PREVENTER SHALL BE LOCATED AT THE POINT WHERE THE WATER LINE ENTERS THE BUILDING UNLESS OTHERWISE NOTED OR DETAILED ON THE DRAWINGS.
- 14. ALL GRAVITY SEWER PIPE SHALL BE PVC PER ASTM D3034, SDR-35 AND ASTM D1784 WITH RUBBER GASKET JOINTS.
- 15. WHERE SANITARY SEWERS CROSS WATER LINES, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST EIGHTEEN INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT. THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AS THE SEWER AS POSSIBLE. IF MECHANICAL JOINT PIPE IS NOT USED THAN BOTH THE WATER MAIN AND SANITARY SEWER SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- 16. DUE TO THE SMALL SCALE OF THE SITE WORK DRAWINGS, EXACT LOCATION OF UTILITY STUBS FOR BUILDING CONNECTIONS SHALL BE VERIFIED WITH THE BUILDING DRAWINGS. SERVICE STUBS TO THE BUILDING SHALL BE INSTALLED TO A POINT 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- 17. BEFORE THE DEVELOPMENT SITE IS GRADED, THE AREA OF THE DRAINAGE BASINS SHOULD BE FENCED OFF TO PREVENT HEAVY EQUIPMENT FROM COMPACTING THE UNDERLYING SOIL.
- 18. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
- 19. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.
- 20. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- 21. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY
- 22. CONTRACTOR SHALL ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. 23. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION
- AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF THE CONFLICT.
- 24. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES. 25. ELECTRICAL DUCT BANK LOCATION IS SHOWN FOR COORDINATION PURPOSES, REFER TO ELECTRICAL PLANS
- 26. THE LOCATION, SIZE, DEPTH AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY AND APPROVED BY THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE AND ELECTRICAL). FINAL DESIGN AND LOCATIONS AT THE BUILDING WILL BE PROVIDED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.

GENERAL PLANTING NOTES

FOR SECTIONS AND DETAILS OF THE UTILITY DUCT BANK.

- 1. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE PLANT MATERIAL WILL BE UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY, SIZE AND BE CERTIFIED DISEASE AND INSECT FREE. THE OWNER AND/OR THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO
- ALL PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, WRAPPED, AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS. GUY WIRES SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED AT POINTS SO AS NOT TO SPLIT THE TRUNK OF MULTI-STEMMED TREES. PROVIDE THREE STAKES PER TREE UNLESS NOTED OTHERWISE INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE. PROVIDE BURLAP WRAPPING WITH A 50% OVERLAP. CUT AND REMOVE BURLAP FROM TOP ONE-THIRD OF THE ROOT BALL.
- PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH ONE PART EACH OF TOP SOIL, PEAT MOSS, AND PARENT MATERIAL. IF WET SOIL CONDITIONS EXIST THEN PLANTING PITS SHALL BE EXCAVATED AN ADDITIONAL 12" AND FILLED WITH SAND.
- 4. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION AND SHALL BE SUBSEQUENTLY FLOODED TWICE WITHIN TWENTY-FOUR (24) HOURS OF PLANTING. REGULAR WATERING
- SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT, GROWTH AND SURVIVAL OF ALL PLANTS. 5. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED WITH MATERIAL OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE DEVELOPER. THE REPLACED PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE REPLACEMENT DATE.
- 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM 4" LAYER OF TOPSOIL IN ALL LAWN AREAS AND A MINIMUM OF 6" OF TOPSOIL IN ALL PLANTING AREAS. A FULL SOIL ANALYSIS SHALL BE CONDUCTED AFTER CONSTRUCTION AND PRIOR TO PLANTING TO DETERMINE THE EXTENT OF SOIL AMENDMENT REQUIRED.
- ALL DISTURBED LAWN AREAS SHALL BE STABILIZED WITH EITHER SOD OR SEED AS INDICATED ON THE LANDSCAPE PLANS. SEED SHALL CONSIST OF THE MIXTURE LISTED IN THE GENERAL SEEDING NOTES. ALL DISTURBED LAWN AREAS SHALL BE TOP SOILED, LIMED, FERTILIZED, AND FINE GRADED PRIOR TO LAWN
- ALL PLANTING BEDS SHALL RECEIVE 3" OF SHREDDED PINE, CEDAR OR HEMLOCK BARK.
- 9. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS. 10. ALL TREES ARE TO BE GUYED, 3 EACH, UNLESS OTHERWISE NOTED ON PLAN.
- 11. ALL DECIDUOUS TREES ARE TO BE WRAPPED, WITH TREE WRAP, UP TO THE FIRST BRANCHING AND
- 12. THE LANDSCAPE CONTRACTOR IS TO PERFORM ALL CONTRACTED WORK IN A REASONABLE PERIOD OF CONTINUOUS WORK.
- 13. THE LANDSCAPE CONTRACTOR IS TO MAINTAIN PLANT MATERIAL WHILE THE PROJECT IS UNDERWAY AND FOR A PERIOD OF TWO WEEKS AFTER THE COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. 14. THE CONTRACTOR IS TO CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE, CAUSED BY THE LANDSCAPE CONTRACTOR.

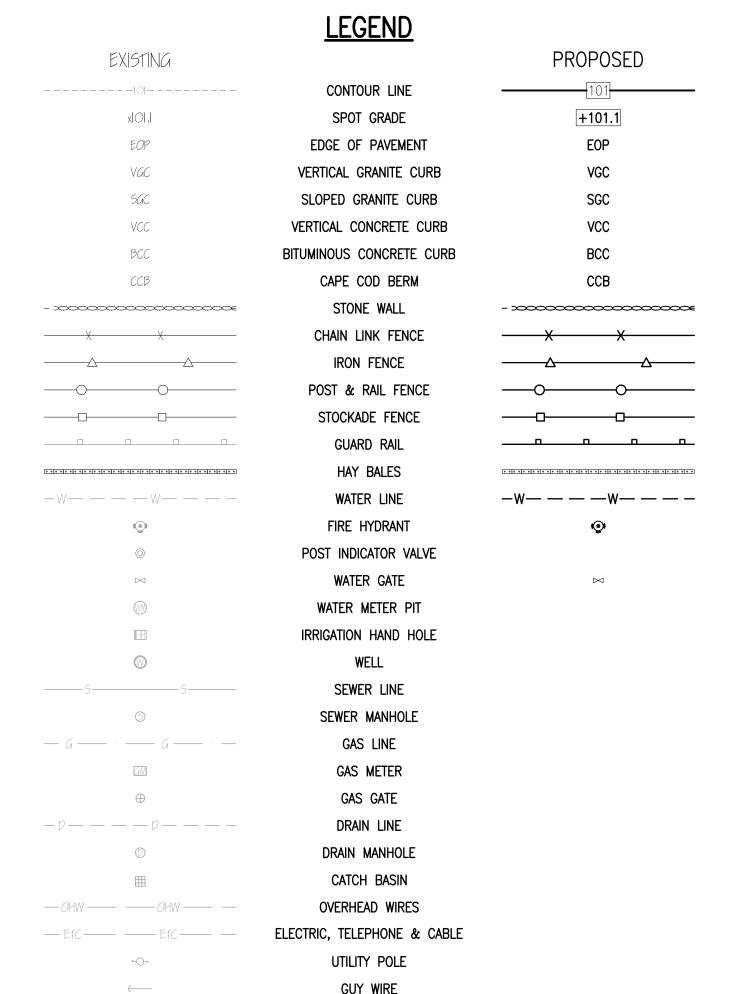
SOIL EROSION AND SEDIMENT CONTROL NOTES

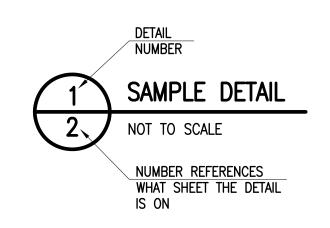
- 1. SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- 2. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY
- DEMOLITION GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- 4. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- 5. THE MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING AND IMMEDIATELY AFTER CONSTRUCTION RESTS WITH THE GENERAL CONTRACTOR. UPON ACCEPTANCE OF THE PROJECT, THE OWNER SHALL BECOME RESPONSIBLE FOR MAINTENANCE OF ANY REMAINING MEASURES AND FACILITIES.
- 6. OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE ENGINEER.
- 7. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS AT ALL TIMES. 8. THE CONTRACTOR SHALL UTILIZE ALL METHODS NECESSARY TO PREVENT BLOWING AND MOVEMENT OF DUST FROM THE EXPOSED SOIL SURFACES.
- 9. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. 10. A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ENTRANCE EXISTS. SEE LOCATION DETAIL ON PLAN.
- 11. ALL CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS DETAILED ON THE PLAN, IF APPLICABLE.
- 12. ALL STORM DRAINAGE OUTLETS SHALL BE PROTECTED AS REQUIRED HEREON BEFORE DISCHARGE POINTS BECOME OPERATIONAL.
- 13. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- 14. LAND AREAS EXPOSED AT ANY ONE TIME AND THE LENGTH OF EXPOSURE SHALL BE KEPT TO A PRACTICAL MINIMUM. THEY SHALL BE LEFT IN A NEAT AND FINISHED APPEARANCE AND PROTECTED FROM EROSION. 15. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT

TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION. IF

- THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTRIBUTED AREAS SHALL BE MULCHED. 16. ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE A TEMPORARY SEEDING AND BE MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY FOLLOWING ROUGH GRADING.
- 17. IMMEDIATELY AFTER COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL. SEED THE STOCKPILE WITH ANNUAL RYE GRASS. STABILIZE TOPSOIL STOCKPILES WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING.
- 18. SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF WETLANDS. THE FLOODPLAIN. SLOPE, ROADWAY OR DRAINAGE FACILITIES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A HAY BALE BARRIER OR SEDIMENT FENCE. LOCATIONS ARE DELINEATED ON THE PLAN.
- 19. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- 20. ALL AREAS NOT STABILIZED BY CONSTRUCTION, SODDING OR LANDSCAPING SHALL BE SEEDED AND STABILIZED IN ACCORDANCE WITH THE SEEDING AND MULCHING SPECIFICATIONS. 21. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS
- ESTABLISHED TO PROMOTE EARLIER VEGETATIVE COVER.

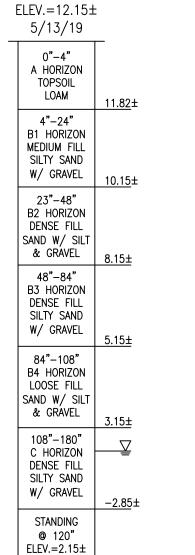
22. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA.

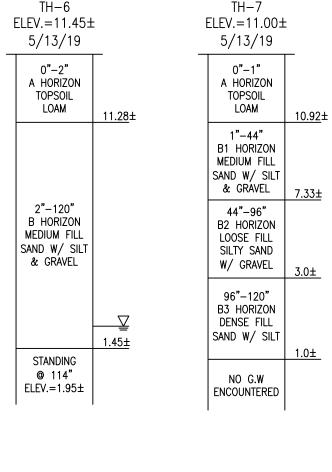




SOIL BORING LOGS

TH-1 ELEV.=11.58± 5/13/19	:	TH-2 ELEV.=12.77± 5/13/19	=	TH-3 ELEV.=12.46± 5/13/19	Ė	1	TH-4 ELEV.=11.52± 5/13/19	Ξ
0"-2" A HORIZON TOPSOIL LOAM		A HORIZON NONE		0"-2" A HORIZON TOPSOIL LOAM	12.29±	REPLACE	0"-2" A HORIZON TOPSOIL LOAM	11.35:
2"-48" B1 HORIZON MEDIUM FILL SAND W/ GRAVEL	7.58±	0"-60" B1 HORIZON DENSE FILL SAND W/ GRAVEL	7.77±	2"-18" B1 HORIZON MEDIUM FILL SILTY SAND W/ GRAVEL	10.96±	REMOVE AND R	2"-84" B1 HORIZON MEDIUM FILL SILTY SAND W/ GRAVEL	4.52±
48"-108" B2 HORIZON LOOSE FILL SAND W/ GRAVEL	2.58±	60"-120" B2 HORIZON MEDIUM FILL SILTY SAND W/ GRAVEL	2.77±	18"-48" B2 HORIZON LOOSE FILL SAND	8.46±		84"-180" B2 HORIZON DENSE FILL SAND W/ GRAVEL	-3.48:
108"-156" B3 HORIZON DENSE FILL SAND W/ GRAVEL	—— <u>—</u> —1.42±	120"-156" B3 HORIZON DENSE FILL SAND W/ GRAVEL	— <u></u> —0.23±	REFUSAL			180"-204" C HORIZON SILTY SAND W/ GRAVEL	-5.48
STANDING		STANDING @ 132" ELEV.=1.77±					STANDING @ 112" ELEV.=2.19±	





CHRISTIAN No. 47544 CIVIL

REVISIONS

| 7/5/19 | PLANNING BOARD COMMENT



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401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH WARWICK, RI

DRAWN BY: MJW DESIGNED BY: MJW

CHECKED BY: CAF

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I I I I < 0 H ORC MAP FOR SS 0 S

JUNE 7, 2019 SCALE: AS NOTED

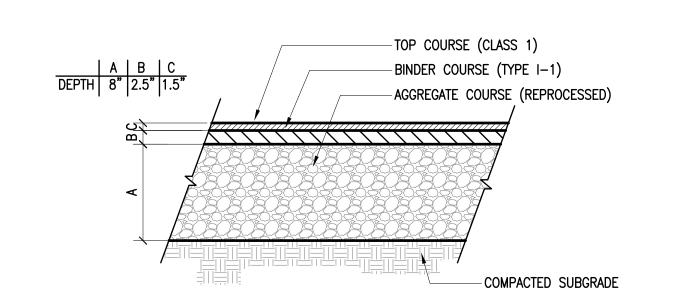
JOB NO. 19-210

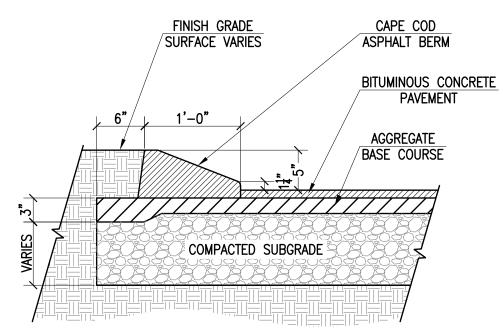
LATEST REVISION:

JULY 5, 2019 NOTES & LEGEND

SHEET 8 OF 10

LISCIOTTIDEVELOPMENT

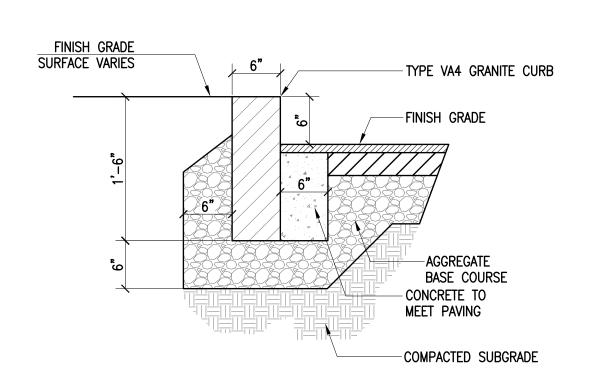


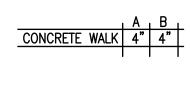


RESERVED PARKING

PARKING

VAN ALTERNATE





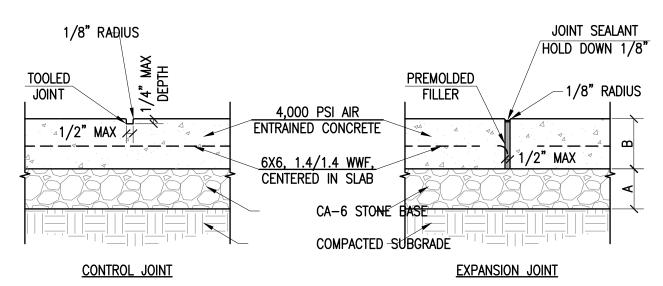
NOTE: UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE 5'-0" O.C. AND EXPANSION JOINTS TO BE 40'-0" O.C. MAX., OR AT BACK OF CURB, CHANGE OF DIRECTION, OTHER WALK, UTILITY APPURTENANCE, OR FACE OF STRUCTURE.

-BLUE PAINT

-WHITE PAINT

DETAIL NOTE:

GRID SQUARES ARE 2 1/4" RE: ANSI A117.1, FIG. 703.6.3.1





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0 \sim SITE PLAN

--- WS ORCHARD STREET

SSESSORS MAP 23 LOTS 158 AN BEDFORD, MASSACHUSET

JUNE 7, 2019 SCALE: AS NOTED

JOB NO. 19-210 LATEST REVISION:

> JULY 5, 2019 DETAILS

SHEET 9 OF 10

BITUMINOUS CONCRETE PAVEMENT

BLEND GRADES AT REAR SIDEWALK 6" VERTICAL CURB TRANSITIONAL CURB 24" DETECTABLE WARNING SURFACE

NOTES:

1. RAMP CROSS SECTION TO BE THE SAME AS ADJACENT SIDEWALK, I.E. DEPTH

OF SURFACE AND FOUNDATION. 2. DIMENSIONS ARE SUBJECT TO CHANGE IN FIELD. ALL SLOPES AND DIMENSIONS TO COMPLY WITH ADA MAAB REQUIREMENTS.

3. PROVIDE EXPANSION JOINTS AT TOPS OF RAMP AND AT BACK OF WALK AT INTERFACE OF CURB. 4. PROVIDE HEAVY BROOM FINISH ON RAMP AND SIDE SLOPES PERPENDICULAR

TO FLOW OF TRAFFIC. 5. MINIMUM WALK DIMENSIONS ARE FROM BACK OF CURB.

TRANSITIONS, TO BE LOCATED OUTSIDE OF THE CROSSWALK.

TRANSITION CURB LENGTH AS REQUIRED TO MEET CODE.

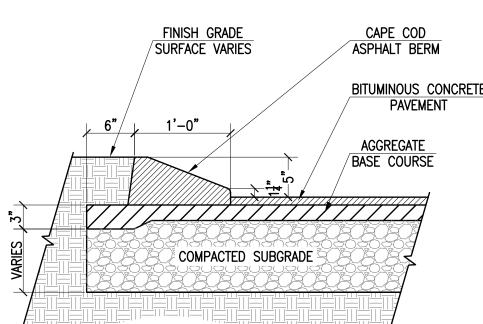
7. FIXED OBJECTS (I.E. UTILITY POLES, HYDRANTS, ETC.) MUST NOT ENCROACH ON ANY PART OF A WHEELCHAIR RAMP, INCLUDING TRANSITION SLOPES. 8. AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP, EXCLUDING CURB

ACCESSIBLE RAMP TYPE B

NOT TO SCALE

CONCRETE FILL, 3000 PSI IN 28 DAYS, ROUND TOP W/ SMOOTH FINISH, PAINT SÁME AS PIPE 6" O.D. SCHEDULE 40 GALVANIZED STEEL PIPE PAINT AS SPECIFIED FINISH GRADE CONCRETE BASE 3,000 PSI IN 28 DAYS COMPACTED SUBGRADE

CONCRETE FILLED STEEL BOLLARD NOT TO SCALE



BITUMINIOUS CONCRETE CAPE COD BERM

-REAR PANEL

FRONT

PANEL

BOTTOM

ACCESSIBLE PARKING SIGN

SECTION

ALUMINUM SIGN PANEL FLUSH MOUNTED TO SUPPORT POSTS ON FRONT, TOP, AND BACK

ALL VISIBLE CONNECTIONS SHALL BE FULL

WELDED AND GROUND FLUSH AND SMOOTH.

PRESSURE SENSITIVE VINYL GRAPHICS

APPROVED BY OWNERS REPRESENTATIVE.

LETTERING STYLE AND COPY TO BE

CONCRETE FOOTING

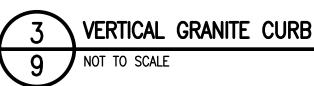
TOP OF CONCRETE FOOTING 6"

BELOW BASE OF PAVEMENT COURSE

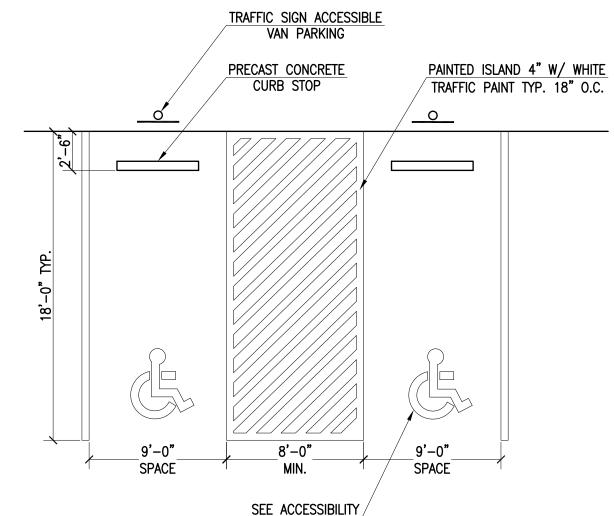
-2" SQUARE ALUMINUM POST

-FINISH GRADE

COMPACTED SUBGRADE



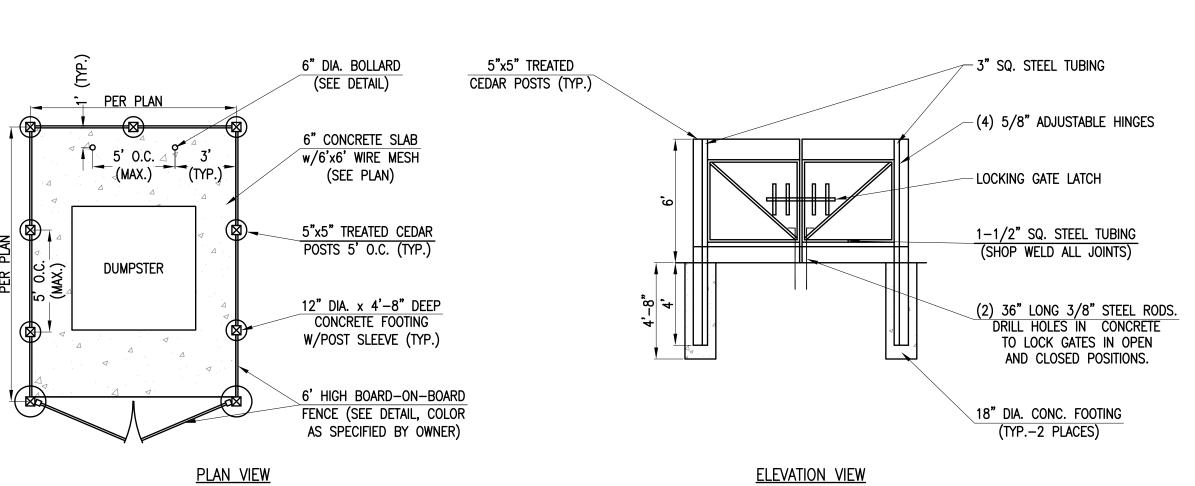




SEE ACCESSIBILITY / SYMBOL DETAIL

ACCESSIBLE PARKING LAYOUT NOT TO SCALE

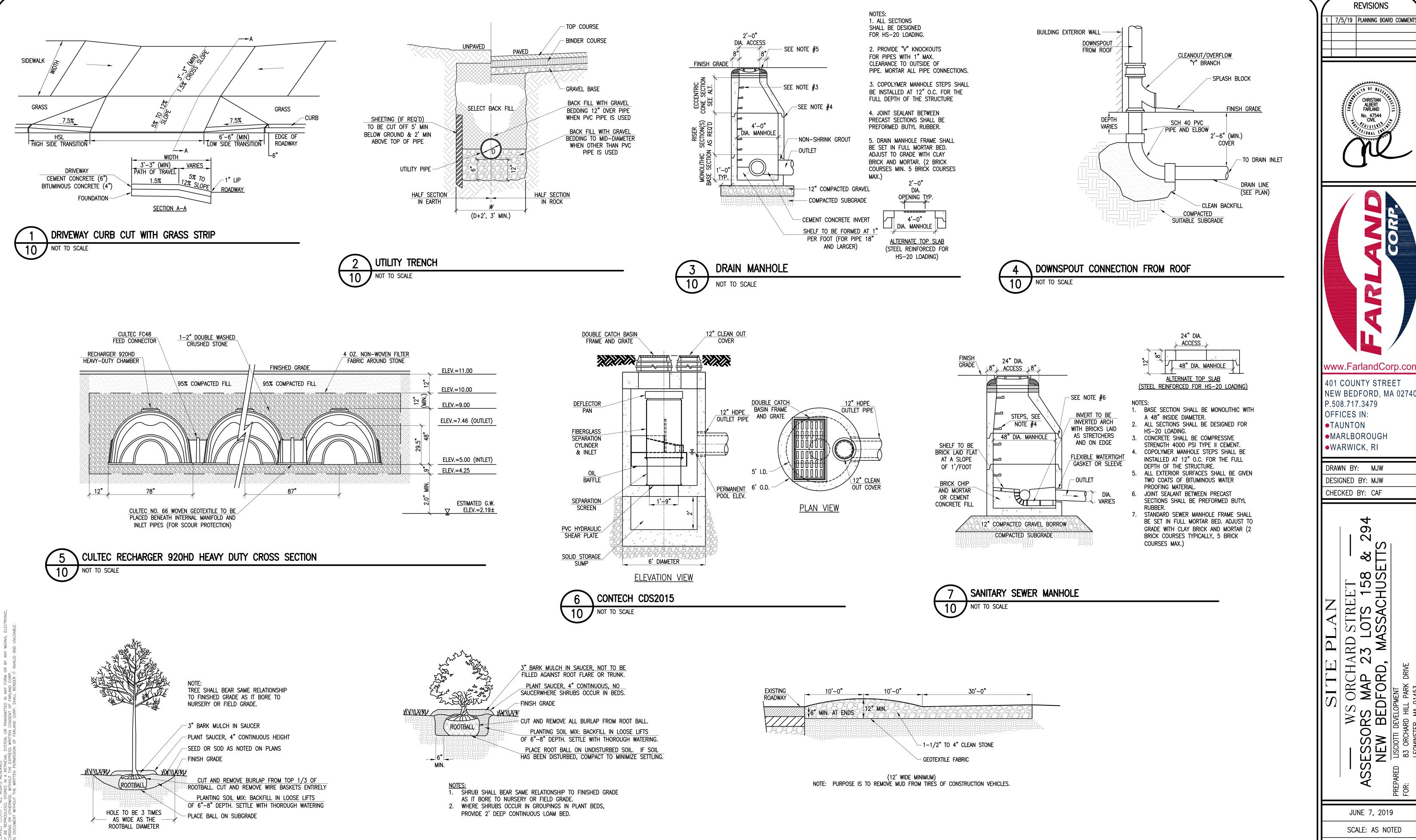
ACCESSIBLE PARKING SYMBOL





ELEVATION VIEW

LISCIOTTIDEVELOPMENT



SHRUB PLANTING

TREE PLANTING

NOT TO SCALE

TEMPORARY CONSTRUCTION ENTRANCE

10 NOT TO SCALE

LISCIOTTIDEVELOPMENT

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JUNE 7, 2019 SCALE: AS NOTED JOB NO. 19-210

LATEST REVISION: JULY 5, 2019

DETAILS CONT.

SHEET 10 OF 10