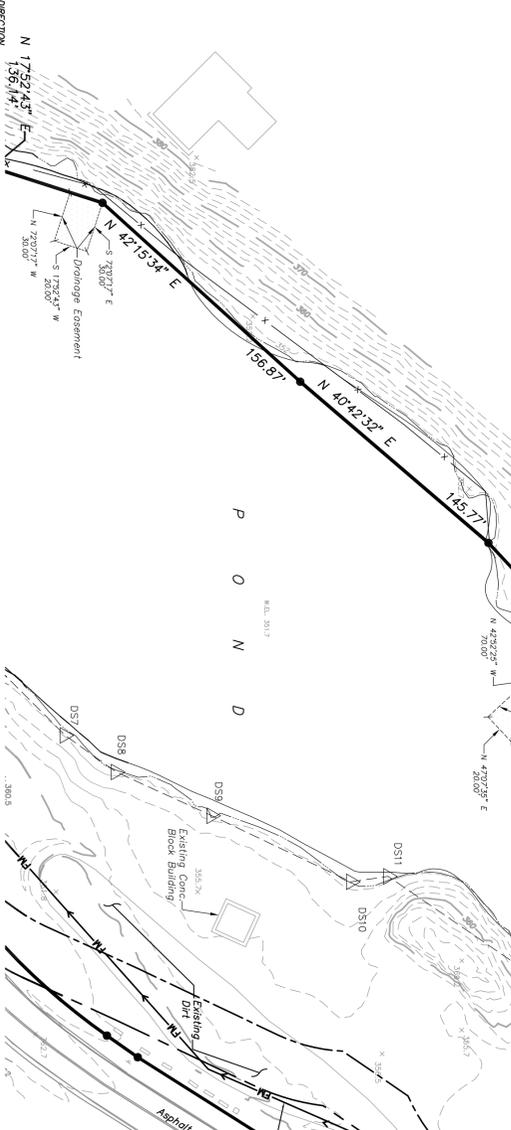


STORMWATER MANAGEMENT PRACTICE TEST RESULTS

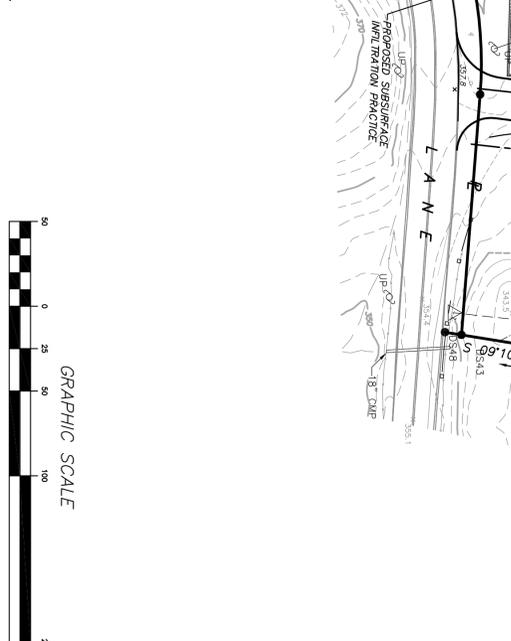
DEEP TEST PERFORMED ON JUNE 12, 2018 BY INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE. **NOTE: NO GROUNDWATER, MOTTING, OR ROCK ENCOUNTERED UNLESS NOTED.**

- D-1: 0'-36" TOPSOIL, RED-BROWN SILTY SAND
- D-2: 36"-70" FINE SAND
- D-3: 70"-84" FINE SAND
- D-4: 84"-100" TOPSOIL, LIGHT BROWN SILTY SAND
- D-5: 100"-120" TOPSOIL, LIGHT BROWN SILTY SAND
- D-6: 120"-140" TOPSOIL, LIGHT BROWN SILTY SAND
- D-7: 140"-160" TOPSOIL, LIGHT BROWN SILTY SAND
- D-8: 160"-180" TOPSOIL, LIGHT BROWN SILTY SAND

ENLARGED PLAN (WESTERN SIDE OF PROPERTY)



ENLARGED PLAN (EASTERN SIDE OF PROPERTY)



LEGEND

- Existing Edge of Pavement
- Existing Stone Masonry Wall
- Wetland Limits Line
- Wetland Controlled Area
- Existing 10' Contour
- Existing 2' Contour
- Existing Spot Spot
- Existing Drainage Pipe
- Existing Sewer Line
- Existing Electric Line
- Existing Utility Pole with Overhead Wires
- Proposed Drainage Structures
- Proposed Drainage Pipe
- Proposed Gutter
- Proposed Spot Grade
- Proposed 10' Contour
- Proposed 2' Contour
- Proposed 1' Contour
- Proposed Swale

PROPOSED DRAINAGE TABLE:

STRUCTURE	RIM	INV.	PIPE	LENGTH	SLOPE
DI 1	353.8	349.8	15" HOPE	125 L.F.	1.0%
FS 2	356.5	348.6	15" HOPE	8 L.F.	1.3%
HOS 1.1	357.4	348.5	15" HOPE	16 L.F.	0.6%
SMP 1.1	-	348.4	-	-	-
FS 2	356.5	349.1	18" HOPE	85 L.F.	0.7%
DH# 7	354.0	348.5	-	-	-
DI 3	354.2	351.1	15" HOPE	182 L.F.	0.5%
DI 4	354.8	350.1	15" HOPE	62 L.F.	0.6%
DH# 5	354.2	349.7	15" HOPE	134 L.F.	0.5%
FS 2	357.0	349.0	-	-	-
OS 6	352.0	349.4	12" HOPE	98 L.F.	0.9%
DH# 7	354.0	348.5	18" HOPE	138 L.F.	1.0%
ES 8	-	347.1	-	-	-
DI 10	354.0	345.5	12" HOPE	28 L.F.	4.3%
FT 1.2	-	344.3	-	-	-
OSTERN 1	-	343.8	-	-	-
OSTERN 1	-	343.6	-	-	-
ES 11	-	343.0	-	-	-

INFILTRATION TEST RESULTS

- I-1: 5 INCH/HOUR
- I-2: 6 INCH/HOUR
- I-3: 9 INCH/HOUR
- I-4: 15 INCH/HOUR

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

3 Garrett Place
New York, NY 10014
(646) 225-8990
(646) 225-9177 fax
www.insite-eng.com

PROJECT: FNL GROUP, LLC
200 & 280 FEELS LANE, TOWN OF SOUTHWEST, PUTNAM COUNTY, NEW YORK

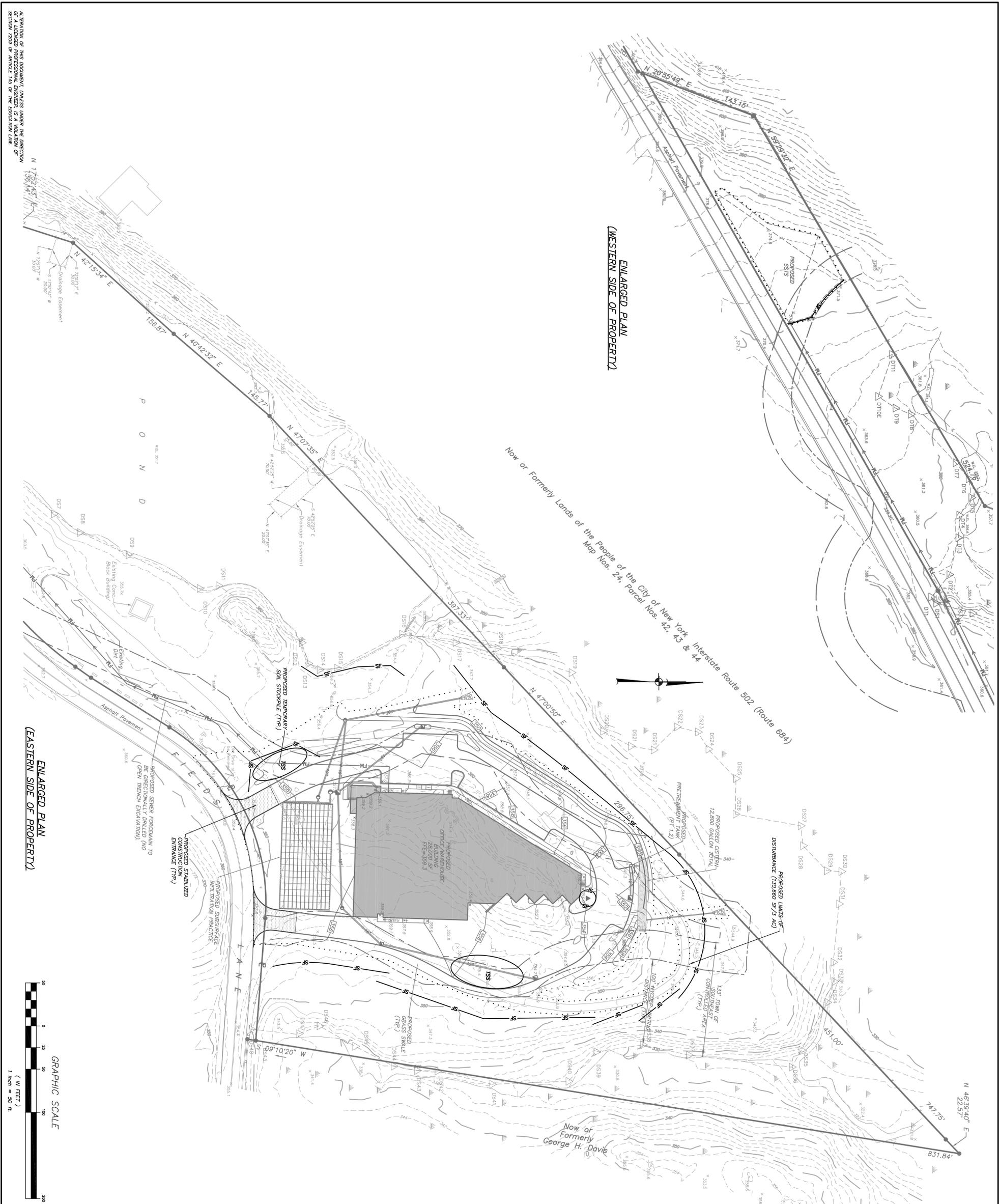
DRAWING: GRADING AND UTILITIES PLAN

NO.	DATE	REVISION	BY
3	9-5-18	REVISED FOR PLANNING BOARD SUBMISSION	JMM
2	7-23-18	REVISED FOR PLANNING BOARD SUBMISSION	JFR
1	5-21-18	REVISED FOR PLANNING BOARD SUBMISSION	JLL

PROJECT: 17206, 100
DATE: 4-2-18
SCALE: 1" = 50'

PROJECT MANAGER: J.L.M.W.
DRAMAN: B.D.
CHECKED: J.L.L.

DRAWING NO.: SP-2
SHEET: 3 OF 8



ENLARGED PLAN
(WESTERN SIDE OF PROPERTY)

ENLARGED PLAN
(EASTERN SIDE OF PROPERTY)

LEGEND	
	Existing Edge of Pavement
	Edge of Lake
	Existing Stone Masonry Wall
	Wetland Limits Line
	Wetland Controlled Area
	Existing 10' Contour
	Existing 2' Contour
	Existing Spot Shot
	Existing Drainage Pipe
	Existing Sewer Line
	Existing Electric Line
	Existing Utility Pole with Overhead Wires
	Proposed Drainage Structures
	Proposed Outfall
	Proposed Spot Grade
	Proposed 10' Contour
	Proposed 2' Contour
	Proposed 1' Contour
	Proposed Sit Fence
	Proposed Construction Fence
	Proposed Limit of Disturbance
	Proposed Stabilized Construction Entrance
	Proposed Temporary Soil Stockpile
	TSS



PROJECT:		EWL GROUP, LLC	
DRAWING:		EROSION AND SEDIMENT CONTROL PLAN	
PROJECT NUMBER		17206.100	
DATE		4-2-18	
PROJECT MANAGER		J.M.W.	
DRAWN BY		B.D.	
CHECKED BY		J.L.L.	
SCALE		1" = 50'	
PROJECT:		ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.	
PROJECT:		3 Garrett Place New York, NY 10014 (646) 225-9890 (646) 225-9177 fax www.insite-erag.com	
3	9-5-18	REVISED FOR PLANNING BOARD SUBMISSION	J.L.
2	7-23-18	REVISED FOR PLANNING BOARD SUBMISSION	JFR
1	5-21-18	REVISED FOR PLANNING BOARD SUBMISSION	J.L.
NO.	DATE	REVISION	BY

ALTERATION OF THIS DOCUMENT VIOLATES THE PROVISIONS OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 149 OF THE EDUCATION LAW.



LIGHTING PLAN

PROJECT: **FWL GROUP, LLC**

200 & 280 FEELS LANE, TOWN OF SOUTHWEST, RUMUL COUNTY, NEW YORK

PROJECT NUMBER: 17206, 100
DATE: 7-23-18
SCALE: 1" = 50'

PROJECT MANAGER: J.M.W.
DRAWN: B.D.
CHECKED: J.L.L.

DRAWING NO. **LP-1** SHEET 5 OF 8

LUMINAIRE SCHEDULE

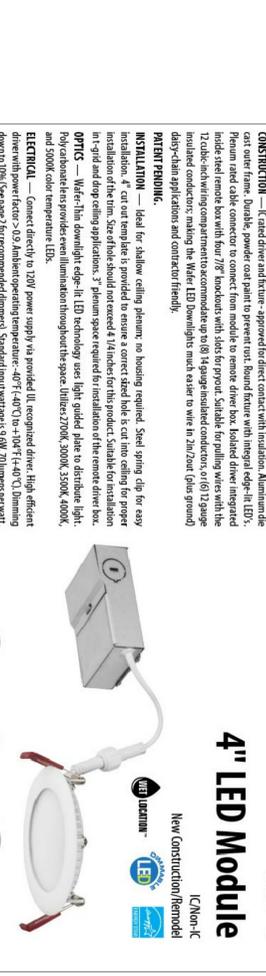
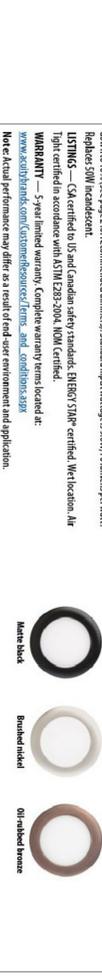
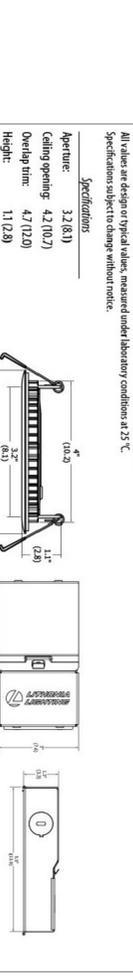
Symbol	Qty	Color	Number	Description	Lamp	Watts	Mounting Height
A	20	OSPN	LED	200' 2" LIGHT FIXTURES, 20' LENS & 200' 1/2" HUB	20 LEDS @ 40W	47	15'-0"
B	7	WFL	LED	4" WATER WIPER LED LIGHT FIXTURE, 10" W/ 2" HUB	LED LEXTRA	10	9'-0" / 12'-0"

STATISTICS

DESCRIPTION	SYMBOL	AVG	MAX	MIN	AVG/MAX
Project Area	*	0.4 ac	5.0 ac	0.0 ac	0.08:1

LIGHTING NOTES:

- All lighting shall be as noted on the plan or approved equid.
- Style and finish of all luminaires and poles to be selected by owner.
- Calculation values shown in this plan are taken on a horizontal plane information and landscaping have not been accounted for in these calculations.



4" LED Module WFL4

New Construction/Remodel

Water LED Recessed Downlight

FEATURES & SPECIFICATIONS

METHOD USE — The 4" Water-Flush LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the per-light housing for competitive affordability. This innovative water-tight slim-type LED design allows easy installation for new construction or retrofit from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 50,000 hours. These LED modules are intended for offices, libraries, laboratories, medical, laboratories, retail, stores, parking garages, corridors, waiting rooms, and other commercial applications.

CONSTRUCTION — Recessed driver and remote driver are approved for direct contact with insulation. Allowing the fixture to be installed in a ceiling with insulation. Includes a remote driver box, 4" LED module, and 4" LED lens. Remote driver box is made from metal to ensure driver box, isolated driver and remote driver box with four 7/16" hex bolts with slots for ground. Suitable for ceiling wires with the 12 cubic inch mounting compartment (accommodating up to 8) 14 gauge insulated conductors (6) 12 gauge insulated conductors, making the Water LED Downlights most easier to wire in 2-in./2-in. (4-in. ground) dry-cable applications and contractor friendly.

PATENT PENDING.

INSTALLATION — Ideal for shallow ceiling plenum, no housing required. Steel spring clip for easy installation. 4" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the rim. Steel clips should not exceed 1/4 inch for this product. Suitable for installation in 1/2" and drop ceiling applications. 3" plenum space required for installation of the remote driver box.

OPTICS — Water-Flush downlight edge-in-LED technology uses light guide plate to distribute light. Poly carbonate lens provides even illumination throughout the space. Utilizes 2700K, 3000K, 3500K, 4000K, and 5000K color temperature LEDs.

ELECTRICAL — Connect directly to 120V power supply via provided IUL recognized driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to 140°F (40°C). Dimming down to 10% (see page 2 for recommended dimmer). Standard input wattage is 50W/10watts per watt. Replaces 50W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. ENEC/STAN certified. Wet location. All Wet location. In accordance with IEC 62383:2004, IEC 60598-2-24, and IEC 60598-2-25.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.lithonia.com/CustomerSupport/Service/Firm_and_Conditions.aspx

Note: Actual performance may differ as a result of field-site environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

LITHONIA LIGHTING

One Lithonia Way • Conyers, Georgia, 30012 • Phone: 800.279.8001 • www.lithonia.com

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D-Series Size 2 LED Wall Luminaire

4+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specifications for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL* controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability.
- This luminaire is part of an A+ Certified solution for ROAM* or XPoint™ wireless control networks, providing one-of-the-box control compatibility with simple commissioning when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/abpls.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately. [Link to ROAM](#) [Link to DTL DLL](#)

Specifications

Luminaire

Width: 18-1/2" Weight: 21 lbs

Depth: 65-1/8" Height: 73-5/8"

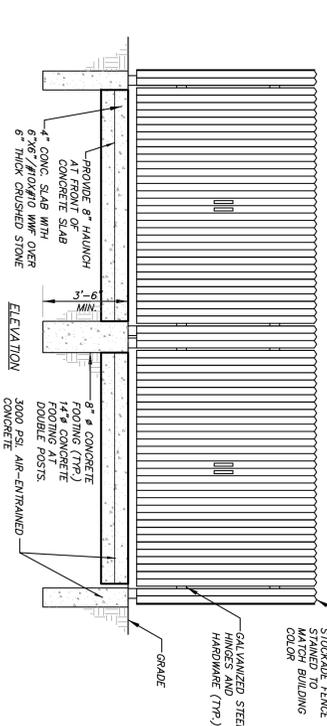
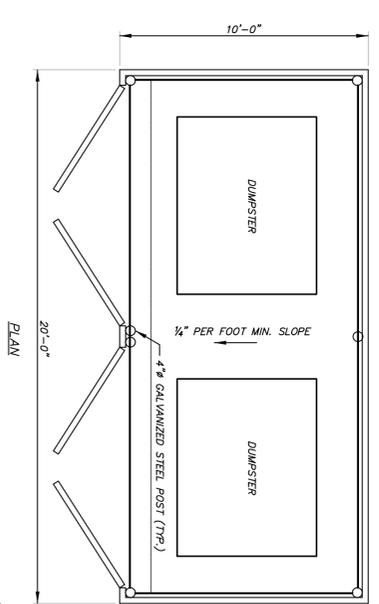
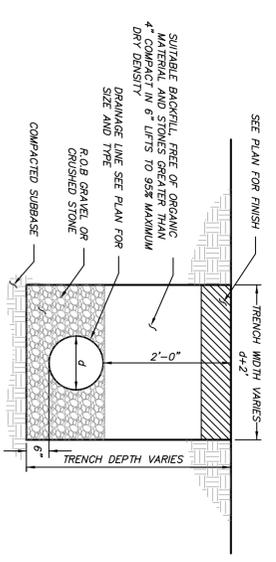
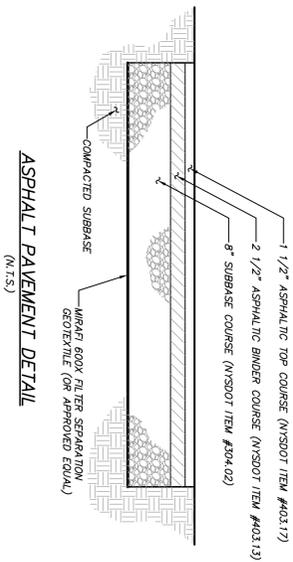
Back Box (BBW)

Width: 5-1/2" Weight: 1 lb

Depth: 14-1/2" Height: 4"

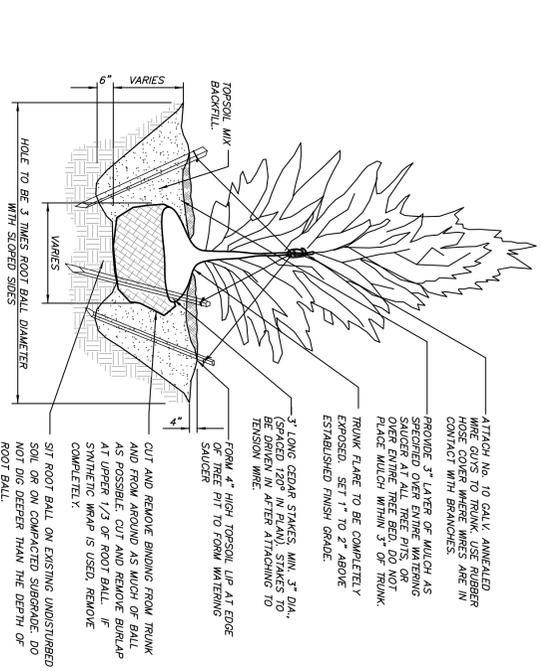
EXTURE "A"

4" WATER WIPER LED LIGHT FIXTURE, 10" W/ 2" HUB



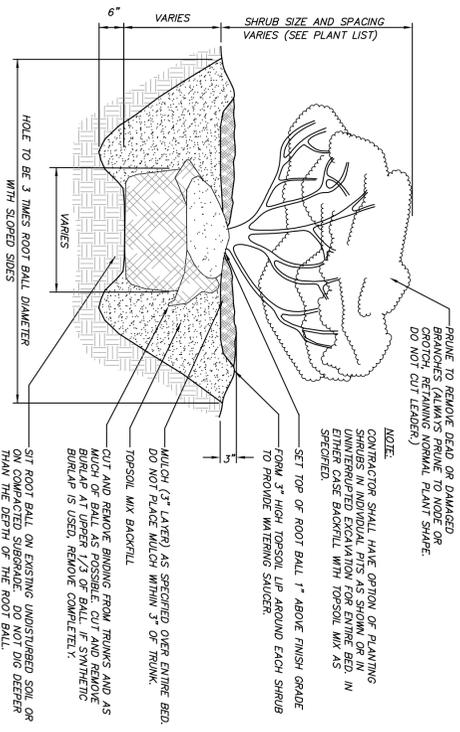
NOTES:
 1. CHECK WITH REFUSE HAULER PRIOR TO INSTALLATION OF REFUSE ENCLOSURE FOR FINAL DIMENSIONS.
 2. ALL HARDWARE UTILIZED TO ATTACH WOOD FENCE TO POSTS SHALL BE GALVANIZED STEEL.

DUMPSTER ENCLOSURE DETAIL
(N.T.S.)

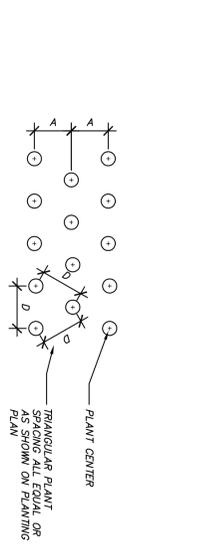


NOTE:
 PROVIDE STAKING AND GUYING FOR TREES PLANTED ON SLOPES GREATER THAN 3H:1V. IN EXPOSED, WINDY AREAS AND AS SPECIFIED BY LANDSCAPE ARCHITECT. GUY WIRES AND STAKES SHALL BE REMOVED WITHIN TWELVE MONTHS OF PLANTING.

EVERGREEN TREE PLANTING DETAIL
(N.T.S.)

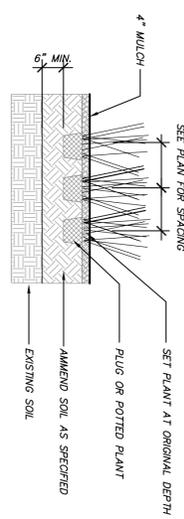


SHRUB PLANTING DETAIL
(N.T.S.)

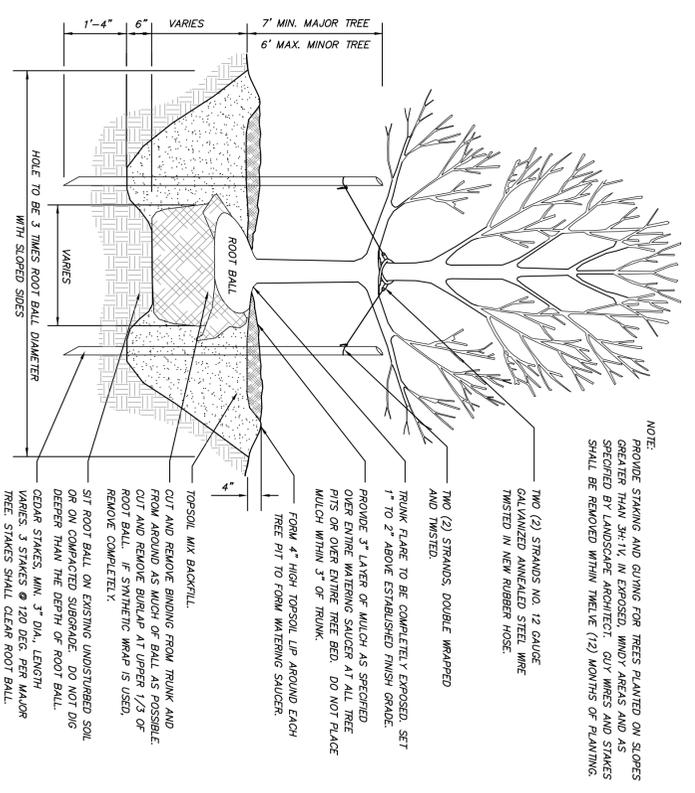


NOTES:
 PLANT QUANTITIES WERE DETERMINED BY MULTIPLYING AREA (SQ. FT.) BY NUMBER OF PLANTS PER SQ. FT. AS SHOWN ON PLANTING PLAN.
 QUANTITY OF PLANTS AND SPACING AS NOTED IN PLANTING SCHEDULE.

GRASS PLANT SPACING PLAN

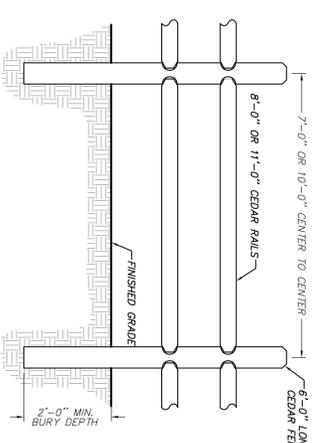


PERENNIAL / ORNAMENTAL GRASS PLANTING DETAIL
(N.T.S.)



NOTE:
 PROVIDE STAKING AND GUYING FOR TREES PLANTED ON SLOPES GREATER THAN 3H:1V. IN EXPOSED, WINDY AREAS AND AS SPECIFIED BY LANDSCAPE ARCHITECT. GUY WIRES AND STAKES SHALL BE REMOVED WITHIN TWELVE (12) MONTHS OF PLANTING.

TREE PLANTING DETAIL
(N.T.S.)



POST AND RAIL FENCE DETAIL
(N.T.S.)

NO.	DATE	REVISION	BY
3	9-5-18	REVISED FOR PLANNING BOARD SUBMISSION	JLL
2	7-23-18	REVISED FOR PLANNING BOARD SUBMISSION	JFR
1	5-21-18	REVISED FOR PLANNING BOARD SUBMISSION	JLL

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 LANDSCAPE ARCHITECTURE P.C.

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 (646) 225-9890
 (646) 225-9177 fax
 www.insite-ny.com

EWL GROUP, LLC
 200 & 280 FIELDS LANE, TOWN OF SOUTHEAST RUTLAND COUNTY, NEW YORK

PROJECT NUMBER	DATE	SCALE	PROJECT MANAGER	DRAWN	CHECKED	J.L.L.	DRAWING NO.	SHEET
17206.100	4-2-18	AS SHOWN	J.M.W.	B.D.	J.L.L.		D-2	7 / 8

