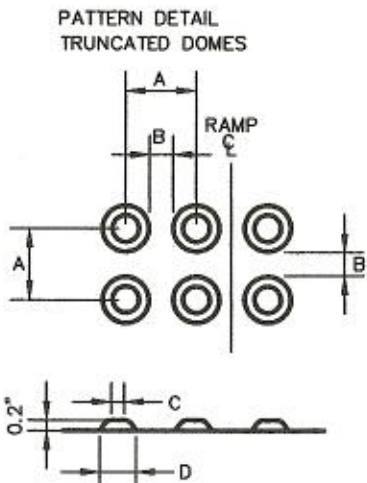
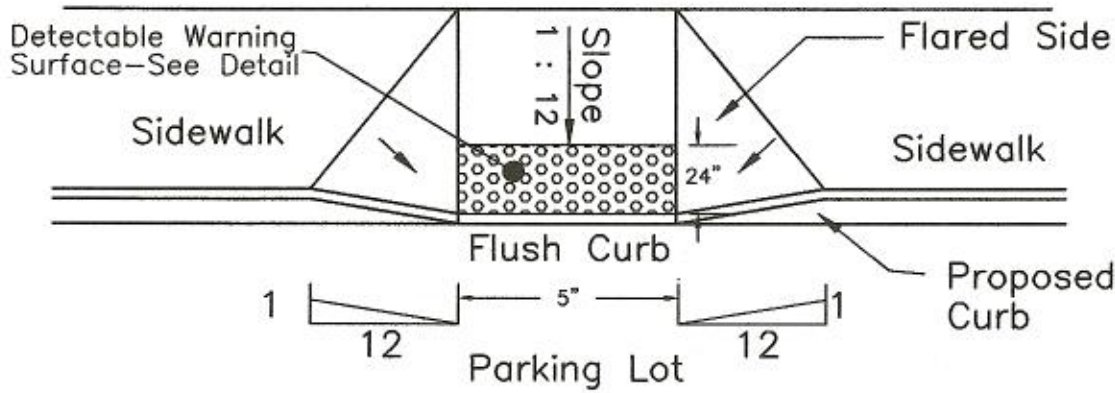


Handicapped Sign Detail

Not to Scale



DETECTABLE WARNING SURFACE DETAIL
NOT TO SCALE



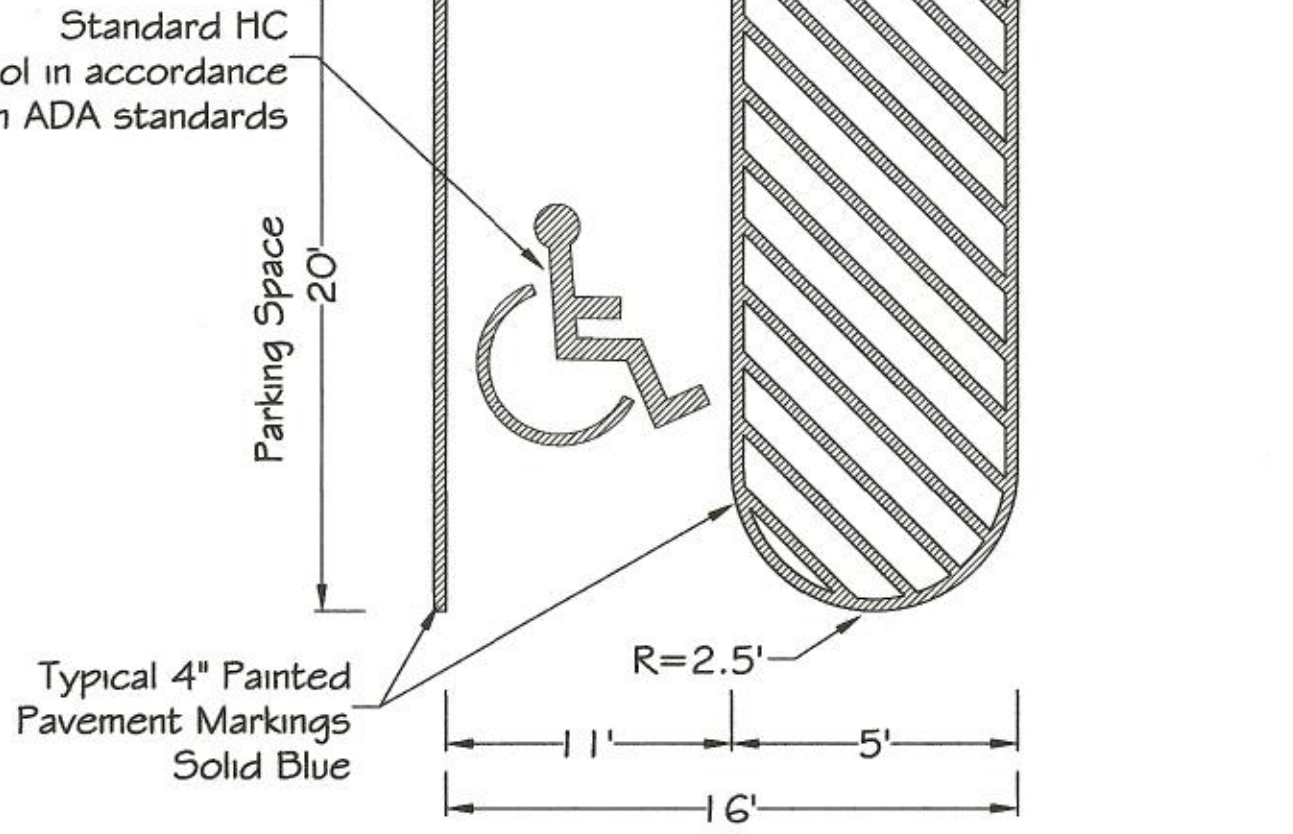
Handicapped Ramp Detail

Not to Scale

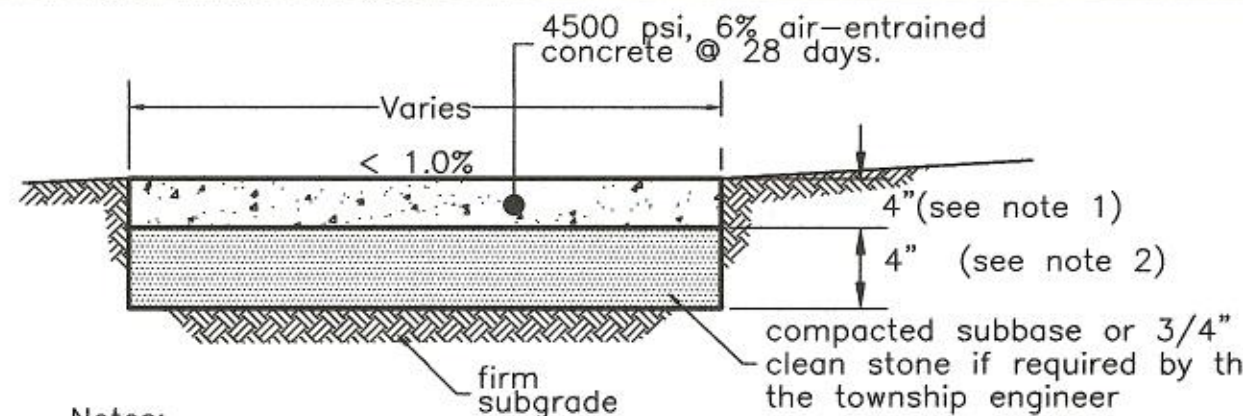
Standard Accessible
Wall Mounted
or Freestanding
Pole Mounted
Handicapped Parking
Sign - (See Detail)

Note
All longitudinal pavement striping shall be Long Life
Epoxy Resin. All stop bars, crosswalk lines, parking
spaces and arrows shall be Long Life Thermoplastic.
All striping material shall be approved by the Township
Engineer prior to submission. The international accessible
parking pavement symbol shall have white striping with
blue background.

Standard HC
Symbol in accordance
with ADA standards

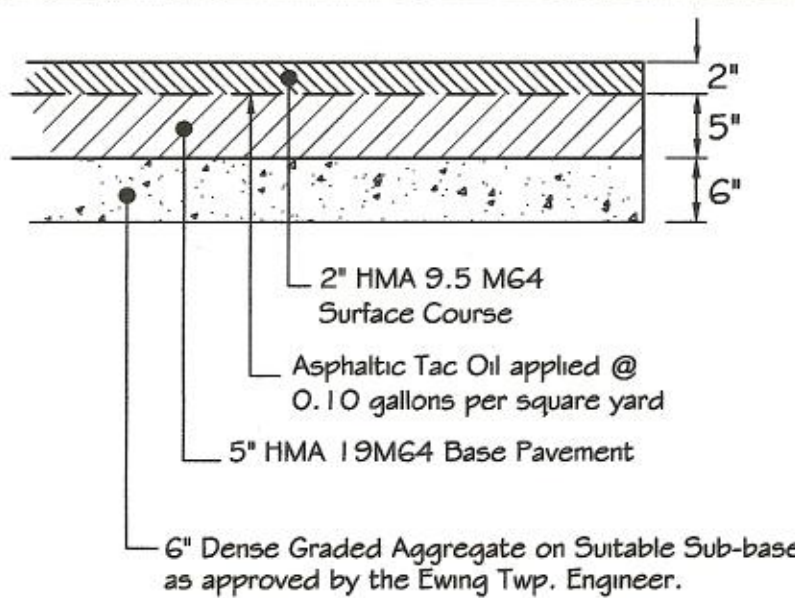


Van Accessible
Handicap Parking Space Detail
(not to scale)

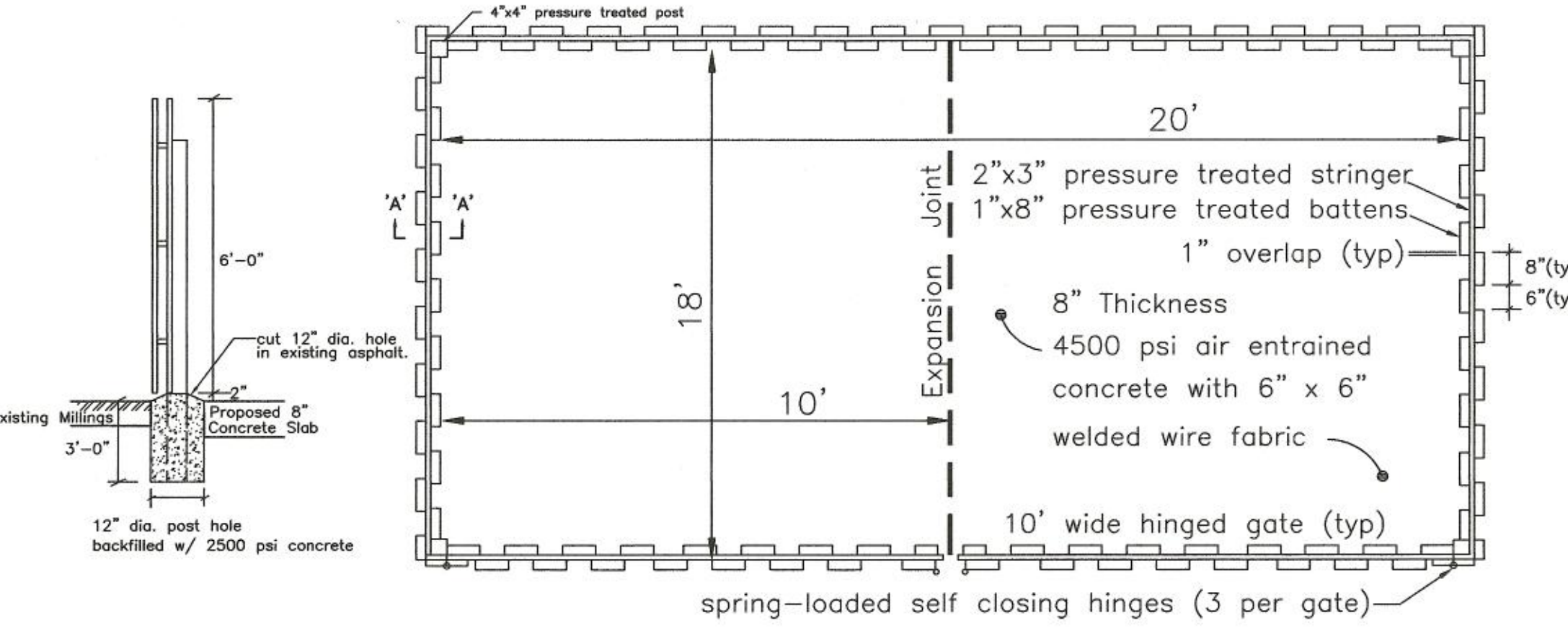


- Notes:
- Sidewalk shall contain #10 wire mesh 2" up from the bottom.
 - The Township Engineer shall approve all subgrades prior to the pouring of any concrete.
 - Expansion joints shall be provided at 20' foot (max) intervals. Joints shall be filled with 1/2" Bituminous expansion joint filler.
 - All sidewalk that is broken, cracked, or out of alignment shall be replaced prior to acceptance.
 - All concrete sidewalk and concrete pads shall have scored contraction joints at 4' intervals between expansion joints.

Sidewalk / Concrete Pad Detail
Not to Scale



PAVEMENT DETAIL
(not to scale)
NOTE: ALL PAVEMENT EDGES SHALL BE SAWCUT
STRAIGHT AND SQUARE.
(Handicapped Parking and Loading Space only)



Section A-A
Plan View
Solid Waste Enclosure Detail
Not to Scale

GALLEON AF-04-LED-E1-SL2 & SL4 HSS LIGHT DETAILS

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	3	Wall Mount	B	SINGLE	N.A.	GLEON-AF-04-LED-E1-SL2-HSS
	5	Pole Mount	C	SINGLE	N.A.	GLEON-AF-04-LED-E1-SL4-HSS

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Parking area	illumiance	Fc	5.16	13.6	0.5	10.32
Spill	illumiance	Fc	0.00	0.2	0.0	N.A.

McGraw-Edison

DESCRIPTION
The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AcouLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP68 rated and UL90, Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum and caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3d vibration tested and reset. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP68 rated.

Optics
Patented, high-efficiency injection-molded AcouLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AcouLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (4x-275K) CCT 70 CRI, Optional 3000K, 5000K and 6000K CCT.

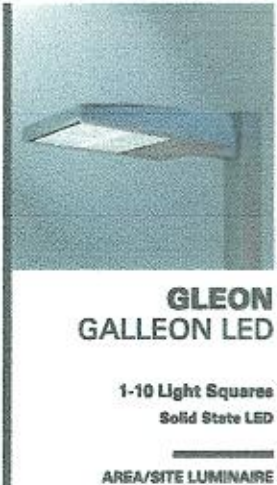
Electrical
LED drivers are mounted to removable trim assembly for ease of maintenance. 120-277V 50/60Hz, 307V 60Hz or 480V 50/60Hz operation. 480V is compatible for use with 480V Vise systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary direct module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperature exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP68 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A, drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal ball joints allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 80" and 120" apart, the EA extended arm may be required. Refer to the arm mounting requirement table.

Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM Adapter is bolted directly to the pole. Quick mount arm slides into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TPO polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic.RAL and custom color matches available.

Warranty
Five-year warranty.

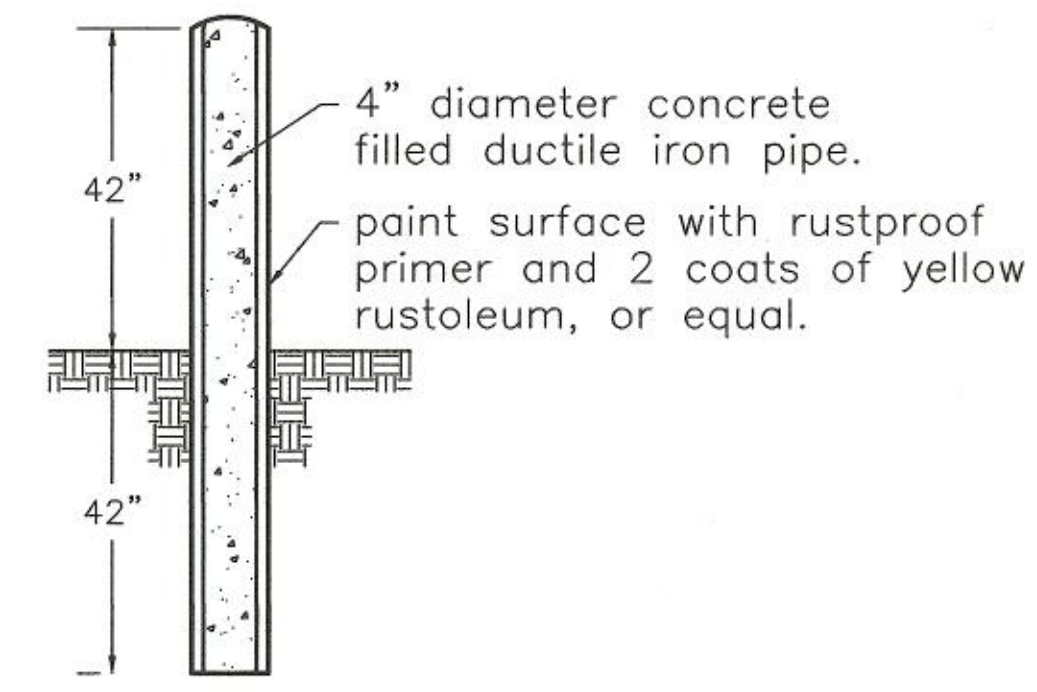


DIMENSIONS				
Number of Light Sources	10"	10"	10"	10"
14	15-1/2" (394mm)	7" (178mm)	10" (254mm)	22" (559mm)
14	21-5/8" (549mm)	7" (178mm)	10" (254mm)	22" (559mm)
14	21-5/8" (549mm)	7" (178mm)	10" (254mm)	22" (559mm)
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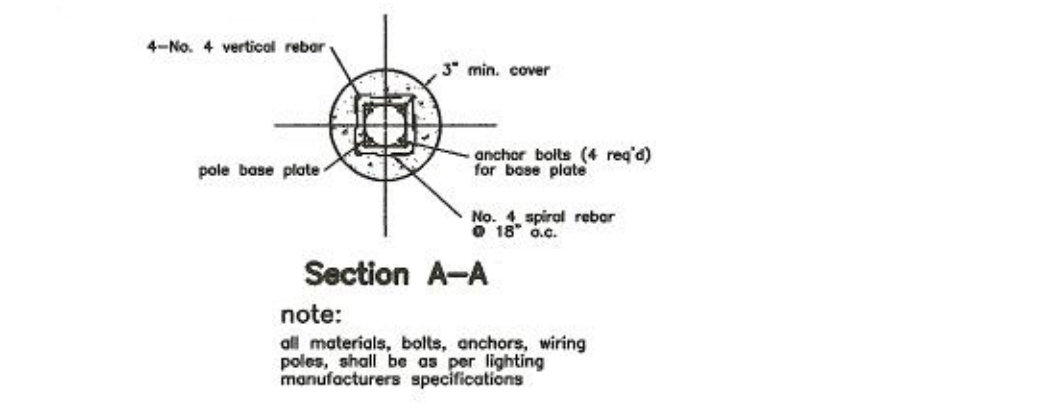
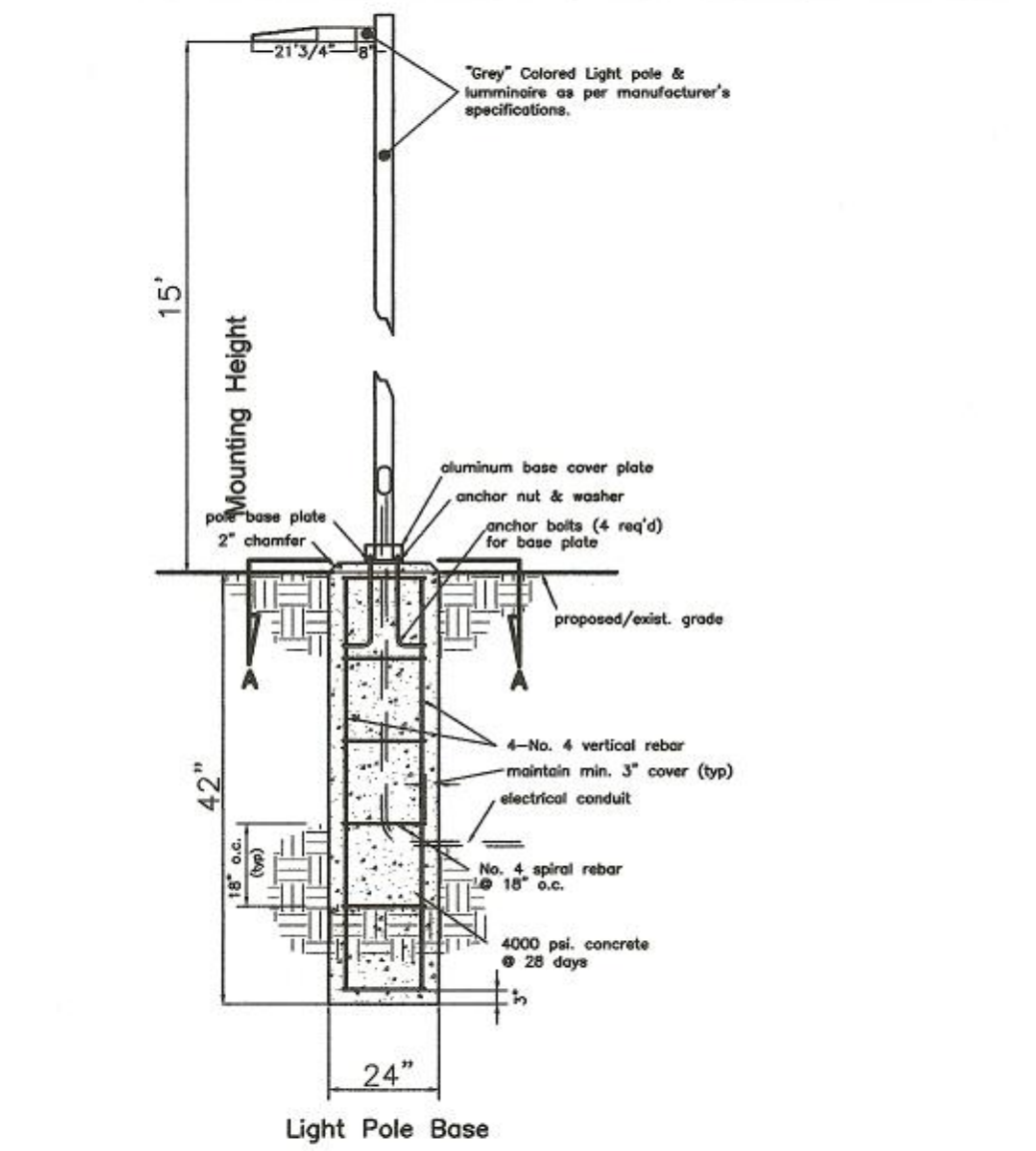
CERTIFICATION DATA				
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RoHS	REACH	UL	ETL	CE
RoHS	REACH	UL	ETL	CE
RoHS	REACH	UL	ETL	CE
RoHS	REACH	UL	ETL	CE
RoHS	REACH	UL	ETL	CE
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RoHS	REACH	UL	ETL	CE
RoHS	REACH	UL	ETL	CE

www.galleonlighting.com

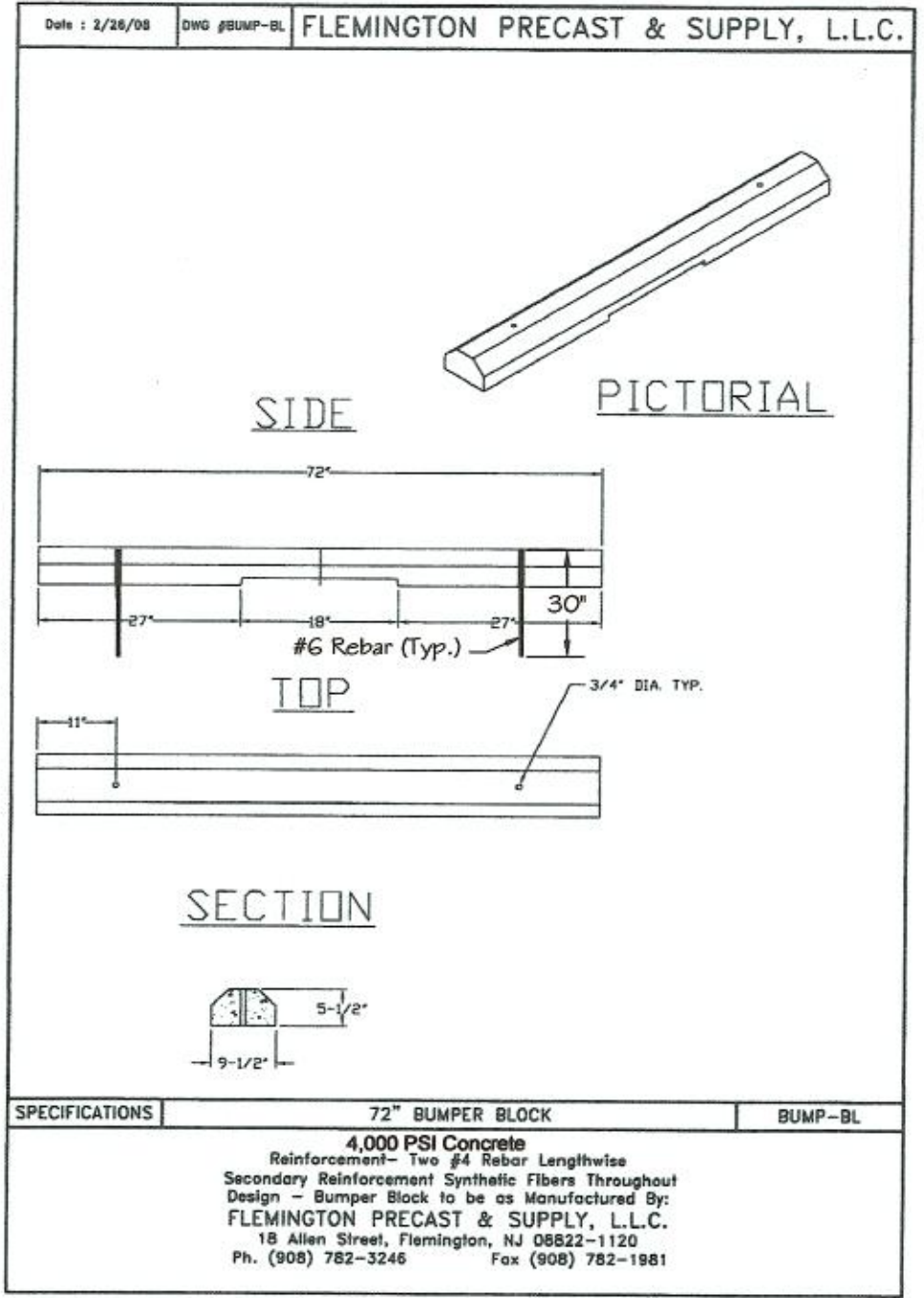
GALLEON LED LUMINAIRE DETAILS



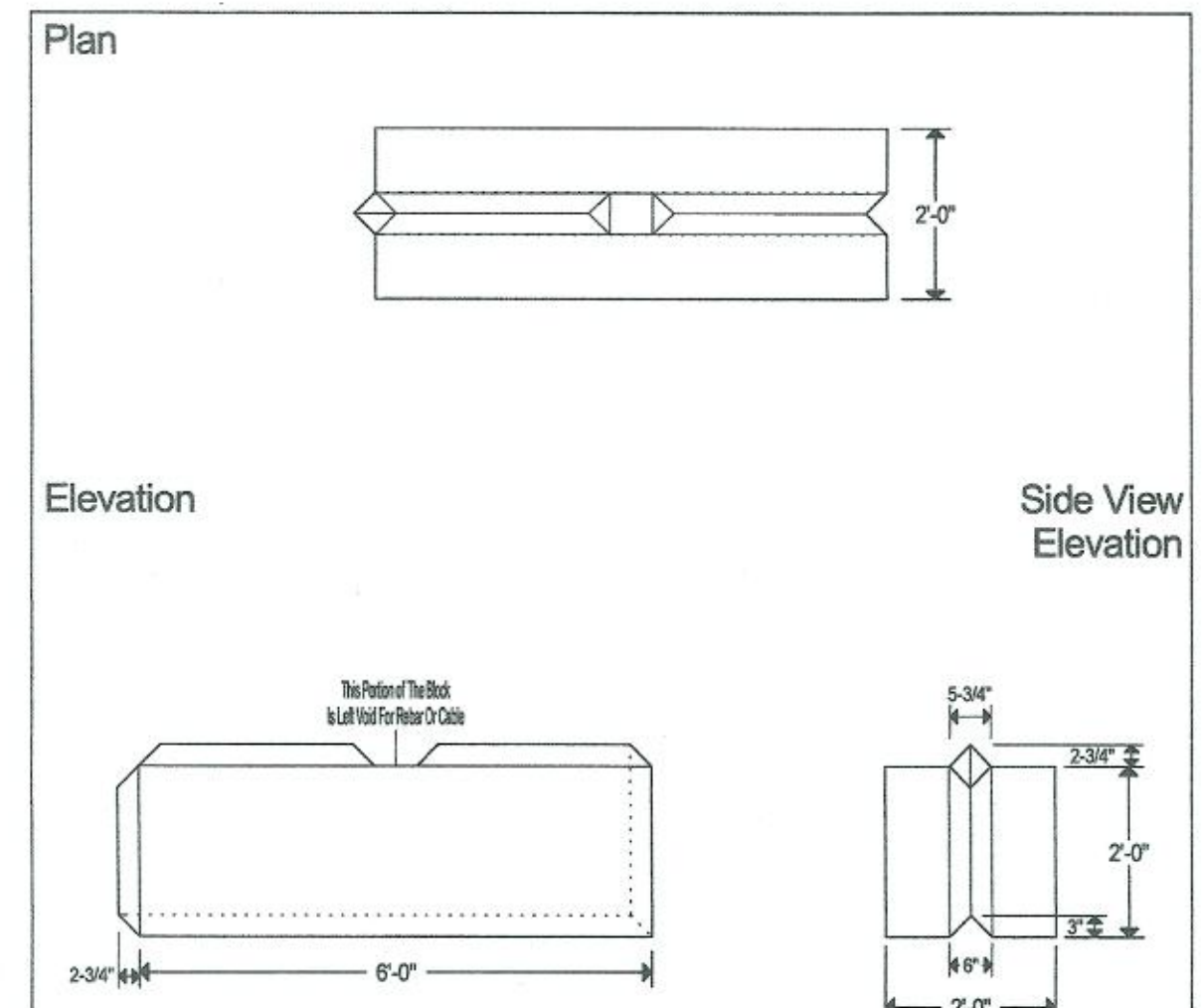
Bollard Detail
Not to Scale



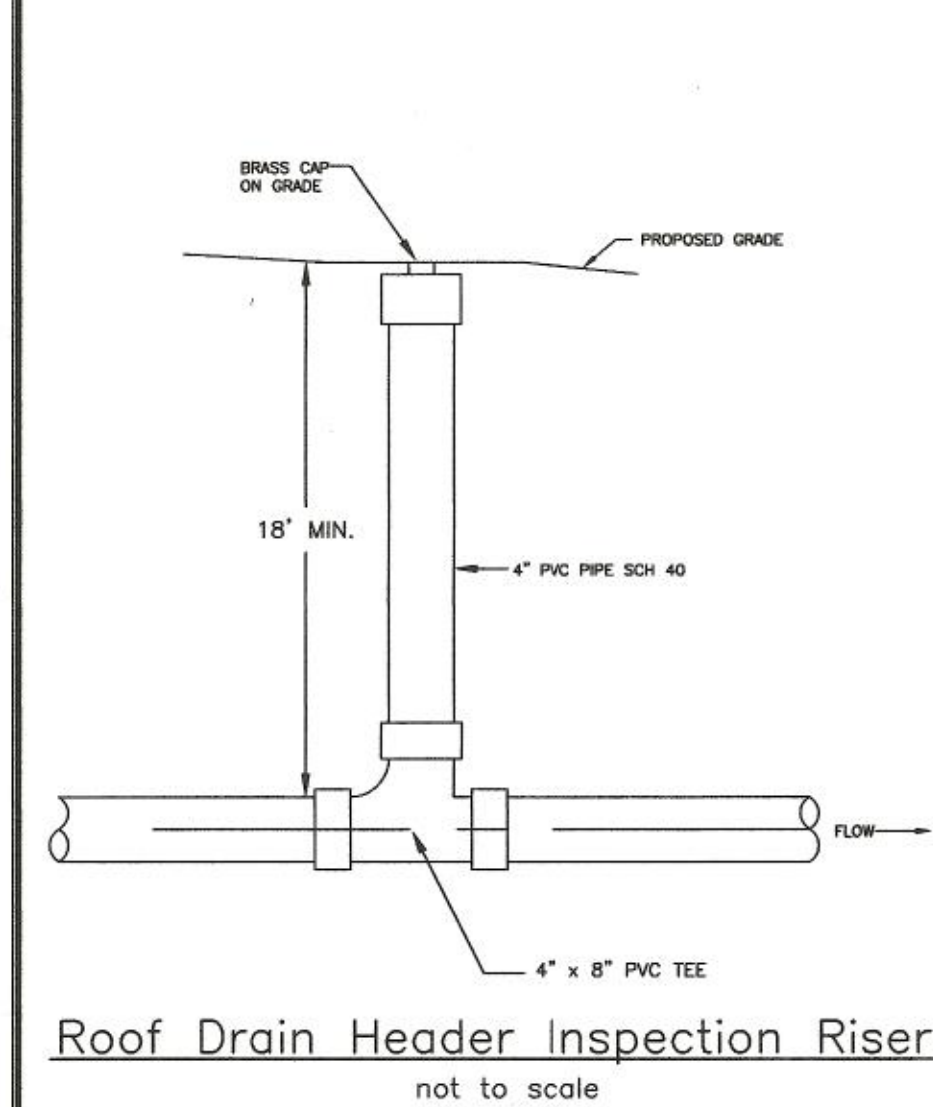
Light Fixture Detail
Not to Scale



Concrete Wheel Stop Detail
Not to Scale



Concrete Bin Block Detail
Not to Scale



Roof Drain Header Inspection Riser
not to scale

Princeton Junction Engineering, P.C.
Professional Engineers, Land Surveyors and Planners
P.O. Box 610 - 53 North Post Road
Princeton Junction, New Jersey 08550
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No. 24327
No. 32112
No. 34298
No. 44194

PE, CME, PP & PLS
PLS
PLS
PE, CME

D. Geoffrey Brown
Frank J. Falcone
Martin D. Katz
Kevin M. Brakel

Date 7/6/2022

Frank J. Falcone
N.J. Professional Engineer & Professional Planner

Date 7/6/2022

Kevin M. Brakel
N.J. Professional Engineer

Preliminary & Final Site Plan Application
Construction Detail Plan
Tax Map of Lot 4, Block 214.19, Sheet 21 for
Full Tilt Labs LLC
Located in
Ewing Township • Mercer County • New Jersey

Date: 5/6/2022
Scale:
Drawn: FJF
Check: FJF/KMB

Job#: F220401
Dwg:
View: Window

File #: F220401

Sheet 9 of 10