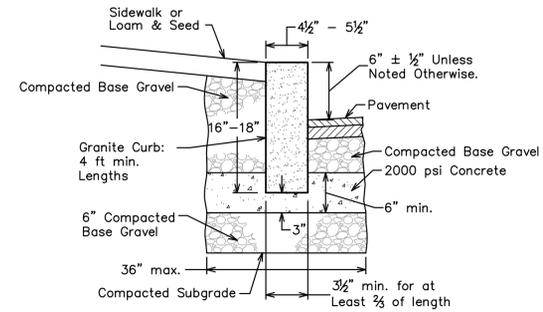


CONCRETE SIDEWALK NOTES:

- Control Joints shall be installed at intervals not to exceed 6'. Layout of Control Joints shall be approved by the Engineer.
- Construction Joints shall be installed at intervals not to exceed 30' and where Concrete Work abuts any Rigid Surfaces. Construction Joint material shall be Bituminous Preformed Expansion Joint Filler conforming to ASTM D994-71, set 1" below the surface & Caulked with Sikaflex 1A.
- Seal Surface of New Concrete Sidewalk with "Saltguard WB" by Prosoco approved equal.
- Provide 2% cross slope on concrete sidewalks, unless otherwise noted on the plans.

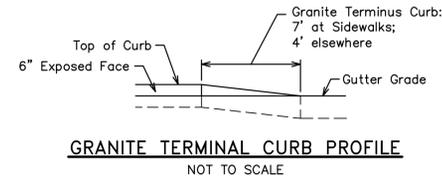
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



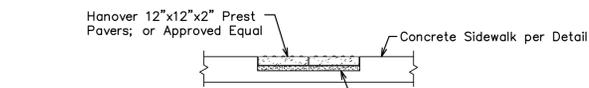
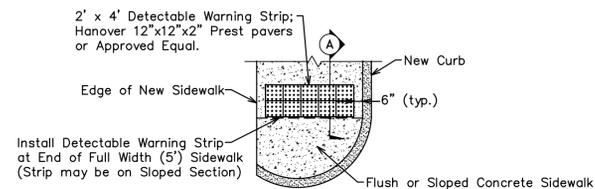
Granite Curb Notes

- Curbs shall be Set to Line and Grade Upon Temporary Support Pads.
- After Inspection and Approval by the Engineer, the Curbs shall be Backfilled with Portland Cement Concrete and Allowed to Cure 24 hours prior to backfilling with gravel. The Portland Cement Concrete shall Consist of 5.5 Bags per Cubic Yard Mix with Fine and Coarse Aggregate and Water Proportioned as Approved by Engineer.
- Spacing Between Curbs shall be 1/4".
- A Strip of Geotextile Fabric shall be Placed Over the Curb Joint at the back of the Curb.

GRANITE CURBING DETAIL
NOT TO SCALE



GRANITE TERMINUS CURB PROFILE
NOT TO SCALE



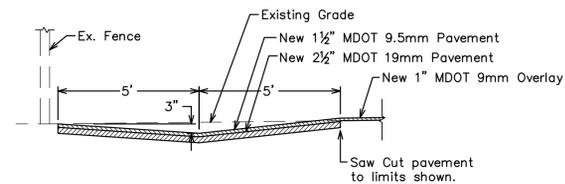
Install 2' Wide x 4' Long x 3" Deep Bond-out In New Concrete Sidewalk for Prest Pavers. Install 3/4" to 1" Thick Sand Bed & Set Pavers.

SECTION A
NOT TO SCALE

Notes:

- Pavers shall be installed 6" min. from back of curb and edge of sidewalk.
- Install pavers with 1/8" joint and sweep with ASTM C-33 Sand.

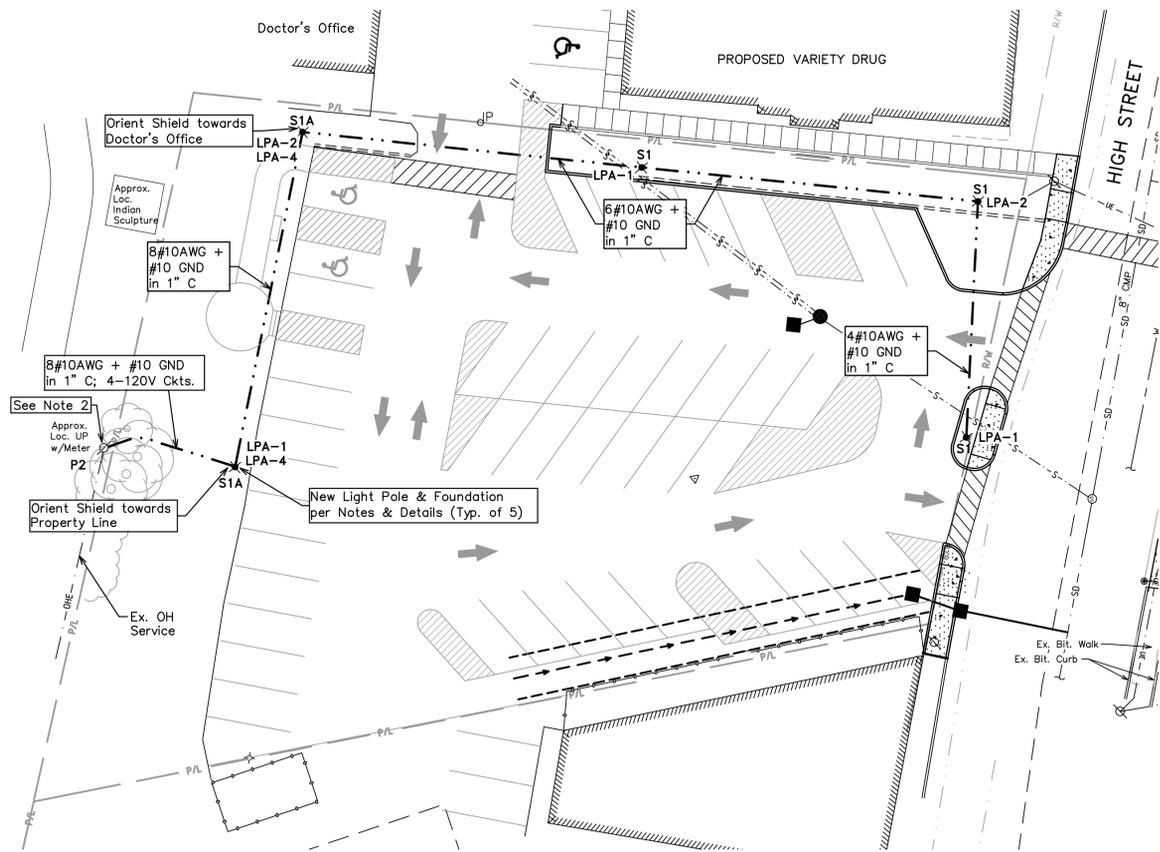
ADA DETECTABLE WARNING DETAIL
NOT TO SCALE



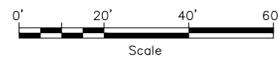
PAVED SWALE DETAIL
NOT TO SCALE

NO.		REVISIONS		DATE	TOWN OF SKOWHEGAN SKOWHEGAN, MAINE	
SCALE:		AS NOTED		DATE:	9/19/14	
DRAWN BY:		RUB		CHECKED BY:	RJB	
APPROVED:		RJB		FIELD BK:	57	
PROJECT:		#42502		FILE:	2-01 New Hwy W 2	
				DIRIGO ENGINEERING 2 DIRIGO DRIVE, FAIRFIELD, MAINE 04937 (207) 453-2401		SHEET
				MUNICIPAL PARKING LOT STORM DRAIN & PAVING PROJECT INDIAN PARKING LOT SITE DETAILS		2 OF 3

Note: On the Original Full-Scale Drawing, this dimension is 6"



LIGHTING PLAN



ELECTRICAL NOTES:

- SEE ATTACHED SPECIFICATIONS AS IT APPLIES TO THIS WORK. CONDUIT SHALL BE SCH. 40 PVC. PROVIDE EXPANSION FITTINGS FOR CONDUITS AS SPECIFIED.
- EXISTING RISER POLE P2: EXISTING CROUSE-HINDS PANEL (100A 120/240V - 8CKT) AND SERVICE ENTRANCE SHALL REMAIN IN PLACE WITH THE FOLLOWING MODIFICATIONS:
 - PROVIDE NEW MATCHING CROUSE HINDS CIRCUIT BREAKERS FOR THE PANEL. 6 - SINGLE POLE 20 AMP BREAKERS AND MAIN BREAKER TO MATCH EXISTING.
 - REMOVE SEU CONDUCTORS WIRE BRUSH AND APPLY NEW ANIT-OXIDANT COMPOUND AT PANEL TERMINATIONS. STRAIGHTEN SEU CABLE AND PROVIDE NEW STRAPS AS REQUIRED.
 - PROVIDE A PADLOCK FOR THE PANEL AND FOUR MATCHING KEYS.
 - LABEL THE EXISTING PANEL LPA
 - INSTALL TWO ADDITIONAL GROUND RODS AT THE BASE OF THE POLE. BOND ALL RODS TOGETHER (18" TRIPOD) WITH #4 AWG COPPER CABLE AND BOND TO METER ENCLOSURE. ENGINEER SHALL MEASURE GROUND RESISTANCE. IF THE RESISTANCE EXCEEDS 25 OHMS ADD ADDITIONAL GROUND RODS UNTIL THE RESISTANCE IS 25 OHMS OR LESS.
 - INSTALL TWO NEW 20 A GFI RECEPTACLES IN COMMON BOX WITH NEC COMPLIANT "BUBBLE" COVER. REMOVE TWO EXISTING RECEPTACLES.
- INSTALL A LIGHTNING ARRESTOR IN THE PANEL - SQUARE D - SDSA 1175 OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- PROVIDE A 6"x6"x6" PVC 4X JUNCTION BOX TO TERMINATE CONDUITS FROM POLE FOUNDATIONS. POLES AND FIXTURES WILL NOT BE INSTALLED FOR THIS PHASE OF WORK. NOTES REGARDING ORIENTATION OF SHIELDS ARE FOR FUTURE INSTALLATION.
- LIGHTING CIRCUITS: CIRCUITS LPA-1 AND LPA-2 ADJACENT TO FIXTURES ARE RECEPTACLE CIRCUITS. CIRCUIT LPA-4 IS A FUTURE CIRCUIT FOR POLE MOUNTED ACCENT LIGHTING FOR THE INDIAN SCULPTURE. POLE MOUNTED FIXTURES FOR PARKING AREAS SHALL BE CIRCUITED TO LPA-3.

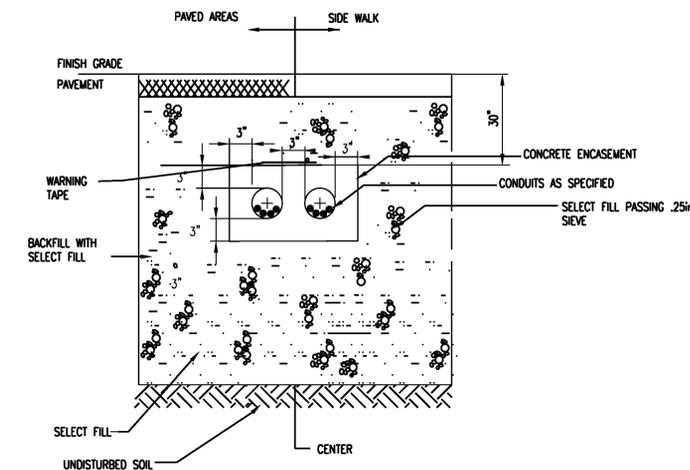
LEGEND

- ✕S1/S1A LIGHT FIXTURE (N.I.C.)
- LPA-2 CIRCUIT NUMBER

FOR REFERENCE ONLY: FUTURE LIGHT POLES TO BE INSTALLED BY OTHERS.

FIXTURES AND ACCESSORIES:

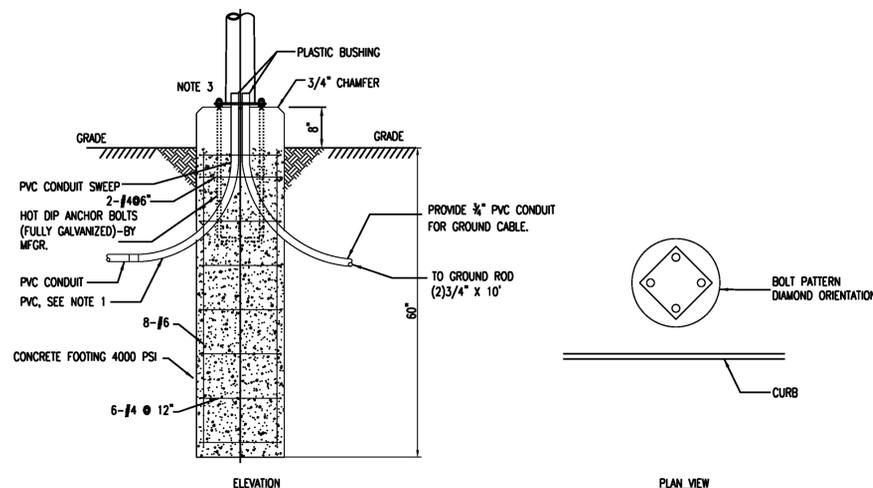
- FIXTURE TYPE S1: HOLOPHANE CATALOG #WE 150MH MC B 5 G H P-130229. WASHINGTON POSTLITE ENHANCED (WE); WE, 150W METAL HALIDE, MEDIUM BASE, MULTIVOLT 120, 208, 240, 277V FACTORY WIRED FOR 240V ONLY. UL LISTED, BLACK, SYMMETRIC, TYPE V, GOLD, SPIKE FINIAL, BANDS AND RIBS, NEMA TWIST LOCK PHOTOCONTROL RECEPTACLE WITH PHILIPS (MHC150/U/M/3K/ALTO) 150MH CLEAR MEDIUM "E" PULSE START CERAMIC LAMP.
- POLE: HOLOPHANE CATALOG #CLA 14 L51 17 P07 ABG BK COLUMBIA ALUMINUM POLE (CLA); COLUMBIA ALUMINUM POLE, 14 FEET, STEELINK 5.25 INCH FLUTED, .25 WALL, 17 INCH ROUND BASE, 3 X 3 TENON, ANCHOR BOLTS, GALVANIZED STEEL, POWDER COAT PAINT FINISH, BLACK.
- BANNER ARM: HOLOPHANE CATALOG #(2)SLB18H1.00SLD1, SET OF BANNER ARMS, 2' LONG FOR USE WITH STEELINK POLE. BLACK POWDER PAINT FINISH.
- RECEPTACLE: HOLOPHANE CATALOG #FGUS_S BK. WEATHERPROOF RECEPTACLE (FG); SMALL, IN-USE WET LOCATION COVER, BLACK, ALL POLES.
- FIXTURE TYPE S1A: PROVIDE FULL CUTOFF HOUSE SIDE SHIELD TOWARDS PRIVATE PROPERTY.



1 SECONDARY ELECTRICAL DUCT BANK SECTION
E1 E2 NOT TO SCALE

NOTES:

- PROVIDE PVC LONG SWEEPS FROM DUCT BANKS INTO EQUIPMENT PADS AND FIXTURES
- PROVIDE CONDUIT AND CABLE AS INDICATED ABOVE.
- CONCRETE ENCASUREMENT UNDER ROADWAYS AND DRIVEWAYS. MINIMUM 3" ALL SIDES OF RACEWAY. SEE NOTES 7 & 9 UNDER POLE FOUNDATION DETAIL. INSTALL RE-BAR 2" DIAGONALLY FROM EACH CORNER OF ENCASUREMENT ON ALL FOUR CORNERS.



2 TYPE S1/S1A POLE FOUNDATION
E1 E2 NOT TO SCALE

Notes:

- Provide spare long sweep from dead-end pole at 180° from entry. Cap Conduit. See plan for orientation.
- Provide 24" dia. foundations.
- Install Bases as noted.
- Connect Equipment Ground to Pole & Pole Base.
- Footings shall be precast.
- Bolt spacing shall meet manufacturer's requirements.
- Ready mix concrete shall conform to ASTM C94.
- Design mixes shall conform to ACI 304. Air entrainment 6%±1%.
- Reinforcing steel: ASTM 615, Grade 60 deformed bars; fy = 60ksi.
- Set poles plumb.
- Paint tops of pole foundations to 3" below grade with (2) coats of black Benjamin-Moore Porch & Floor Tough Shield per manufacturer's recommendations.

Note: On the Original Full-Scale Drawing, this dimension is 6"

REVISIONS			TOWN OF SKOWHEGAN SKOWHEGAN, MAINE	
NO.	REVISIONS	DATE	SCALE:	AS NOTED
			DATE:	9/19/14
			DRAWN BY:	RUB
			CHECKED:	
			APPROVED:	
			FIELD BK:	57
			FILE:	2-01 New Pkg 10 2
			PROJECT:	#42502

MUNICIPAL PARKING LOT STORM DRAIN & PAVING PROJECT	
INDIAN PARKING LOT LIGHTING PLAN	
DIRIGO ENGINEERING	
2 DIRIGO DRIVE, FAIRFIELD, MAINE 04937 (207) 453-2401	

SHEET	3 OF 3
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