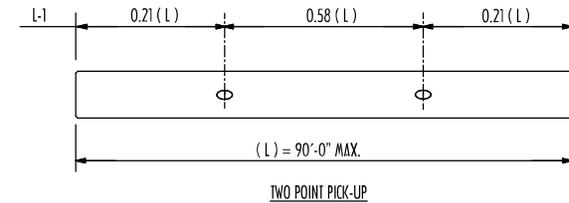
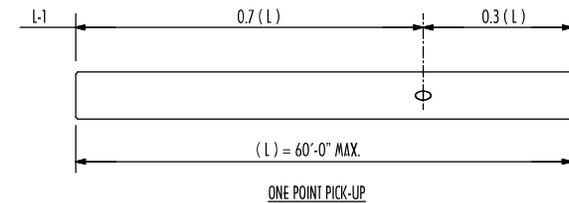
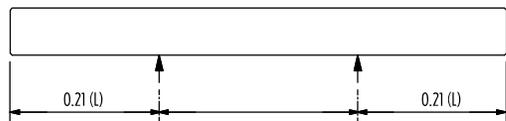


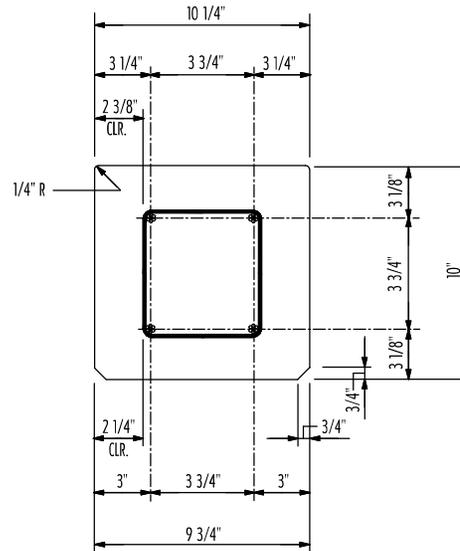
ELEVATION



PICK-UP POINT DIAGRAMS



STORAGE/SHIPPING POINTS



TYPICAL SECTION

CAST IN ITEMS		
MK. NO.	QTY.	DESCRIPTION
L1	2	1/2" STRAND LIFTING HOOKS

SECTION PROPERTIES			
AREA (SQ IN)	WT. (LB/LF)	PERIM. (FT)	
144	145	4.00	

- GENERAL NOTES
- 1) CONCRETE STRENGTH = 6000 PSI @ 28 DAYS
 - 2) 1/2" DIA. STRAND TO HAVE A MINIMUM ULTIMATE STRENGTH OF 270 KSI AS PER ASTM A416 (A = 0.153 SQ. IN.)
 - 3) SPIRAL WIRE TO BE W3.4 (5 GAUGE) COLD DRAWN WIRE
 - 4) STRAND TO BE CUT OFF FLUSH WITH PILE ENDS.
 - 5) TENSION PER STRAND = 23.0 K
 - 6) TRANSFER OF PRESTRESS FORCE @ 3500 PSI CONCRETE STRENGTH.
 - 7) HANDLING LENGTHS BASED ON INCLUDING 50% IMPACT FACTOR & MAX. TENSILE FORCE = $6\sqrt{3500}$
 - 8) STRAND TO BE CUT OFF FLUSH WITH PILE ENDS.
 - 9) EXACT PILE CAPACITY SHOULD BE DETERMINED BY A PROFESSIONAL GEOTECHNICAL ENGINEER
 - 10) PROPER DESIGN & DETAILING OF TENSION OR MOMENT CONNECTION TO PILE IF REQUIRED, IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

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DRAWN: RJW ISSUE (PRELIM.): 02/27/18
CHECKED: ISSUE (PRODUCTION):

Project:

10" 4W IBC PILE			
			QUANTITY
REV.	DATE	DESCRIPTION	MARK NO.
REVISIONS			
NOTE: THIS DRAWING IS THE PROPERTY OF HENDERSON PRESTRESSED CONCRETE, INC. (HPC) AND SHALL NOT BE REPRODUCED BY ANY MEANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF HPC.			DWG. NO.