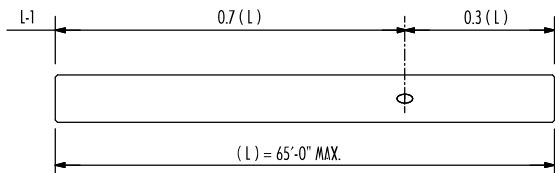
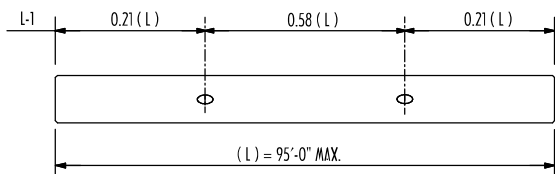


ELEVATION

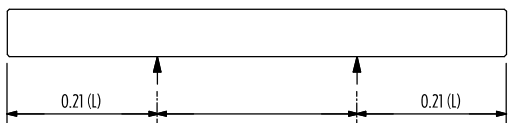


ONE POINT PICK-UP

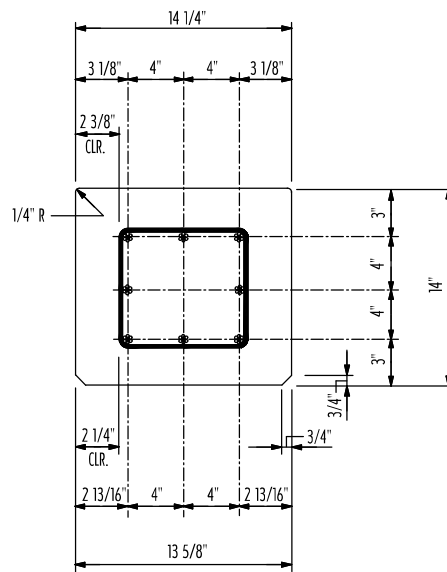


TWO POINT PICK-UP

PICK-UP POINT DIAGRAMS



STORAGE/SHIPPING POINTS



TYPICAL SECTION

CAST IN ITEMS

MK. NO.	QTY.	DESCRIPTION
L1	2	1/2" STRAND LIFT HOOKS

SECTION PROPERTIES

AREA (SQ. IN.)	196	WT. (LB./LF)	198	PERIM. (FT.)	5.32
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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 = 0.1531 SQ. IN.)
- 3) WIRE SPIRAL TO BE W3.4 (5 GAUGE) COLD DRAWN WIRE
- 4) STRAND TO BE CUT OFF FLUSH WITH PILE ENDS
- 5) TENSION PER STRAND = 31k
- 6) TRANSFER OF PRESTRESS FORCE @ 3500 PSI CONCRETE STRENGTH
- 7) HANDLING LENGTHS BASED ON INCLUDING 50% IMPACT FACTOR AND MAX. TENSILE STRENGTH = $6\sqrt{3500}$
- 8) LIFTING HOOKS ARE FOR MFG. PROCESS ONLY. THEY ARE NOT TO BE USED TO BRING THE PILE UNDER THE HAMMER LIFTING HOOK DESIGN DETAILING BY PRECASTER
- 9) EXACT PILE CAPACITY SHOULD BE DETERMINED BY A PROFESSIONAL GEOTECHNICAL ENGINEER
- 10) PROPER DESIGN & DETAILING OF TENSION OR MOMENT CONNECTION TO PILE CAP IF REQUIRED, IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD

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DRAWN: RJW ISSUED (PRELIM.): 02/20/18

CHECKED: ISSUED (PRODUCTION):

Project:

14" 8W PILE

Rev.	Date	Description	MARK NO.

REVISIONS

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