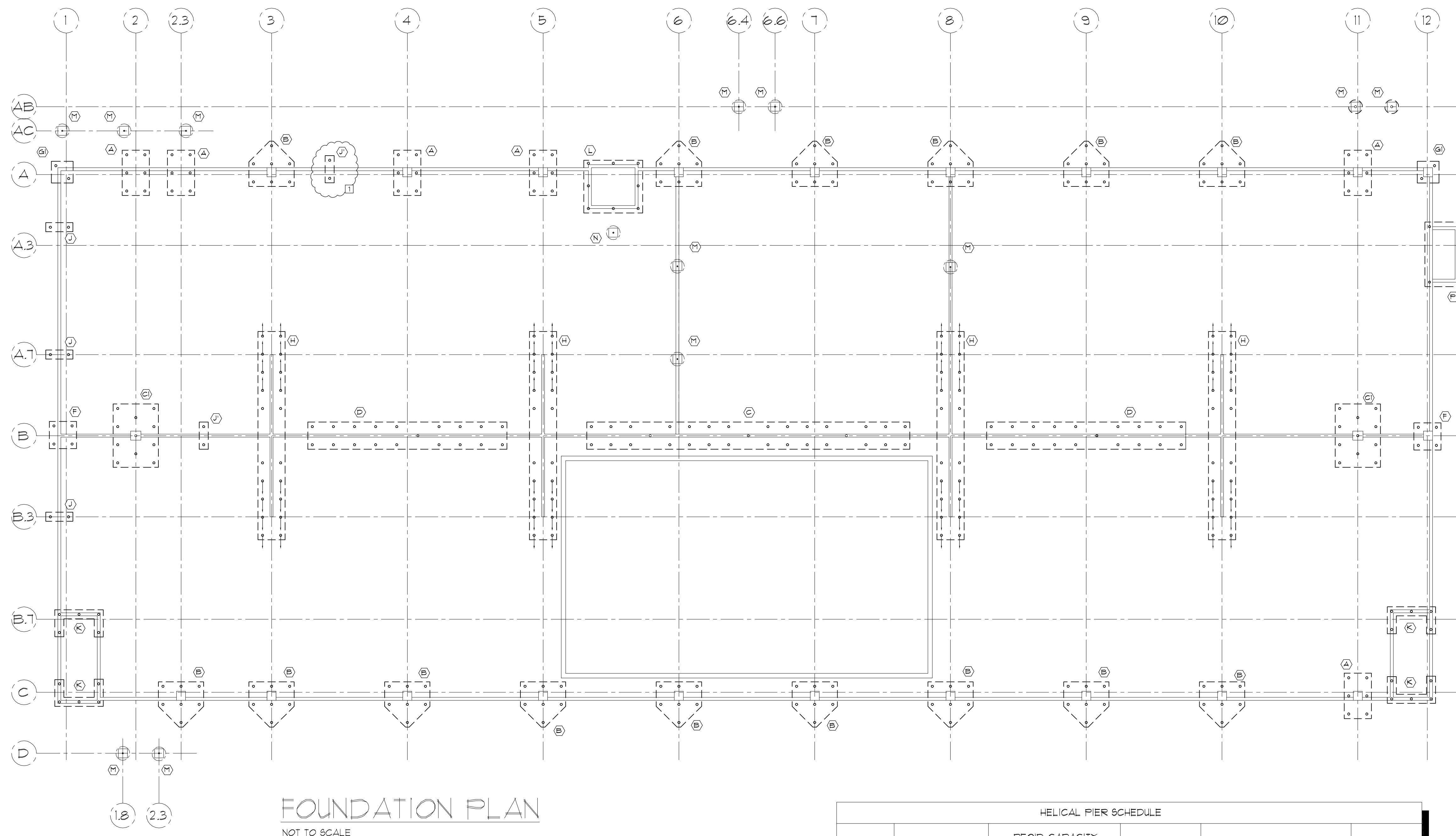




MAGNUM GEO-SOLUTIONS, L.L.C.
 383 W. DRAKE RD., SUITE 1
 FORT COLLINS, CO 80526
 970-225-2442
 800-822-7437
 WWW.MAGNUMPIERING.COM

THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS, AS INSTRUMENTS OF SERVICE ARE THE EXCLUSIVE PROPERTY OF THE ENGINEER AND THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED EXCEPT BY WRITTEN PERMISSION FROM THE ENGINEER. TITLE TO THESE PLANS AND SPECIFICATIONS SHALL REMAIN WITH THE ENGINEER WITHOUT PREJUDICE, AND VISUAL CONTACT WITH THEM SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

COPYRIGHT MAGNUM GEO-SOLUTIONS, L.L.C. ALL RIGHTS RESERVED.



FOUNDATION PLAN
 NOT TO SCALE

RECOMMENDED QUALITY ASSURANCE OBSERVATIONS		
RECOMMENDED OBSERVATIONS:	OBSERVATION PERFORMED BY:	NOTE:
OPEN-HOLE / SOIL VERIFICATION	GEOTECHNICAL ENGINEER	OTHER OBSERVATIONS MAY BE REQUIRED BY THE CITY OR OTHER ENGINEERS WORKING ON THIS PROJECT.
PIER INSTALLATION		
REINFORCEMENT	ENGINEER OR MUNICIPALITY	

HELICAL PIER SCHEDULE							
SYMBOL	DESCRIPTION	REQ'D CAPACITY			REQ'D FINAL TORQUE	DIMENSIONS	COMMENTS
		COMP.	TENSION	LATERAL			
⊙	3' HELICAL PILE	30 KIP _S	N.A.	N.A.	1500 FT-LB _S	3.00' O.D., 0.250 WALL H66 STEEL TUBE, F _y 64 ksi	GALVANIZED
○	6' HELICAL PILE	100 KIP _S	50 KIP _S	15 KIP _S	50000 FT-LB _S	5.815' O.D., 0.280 WALL H66 STEEL TUBE, F _y 64 ksi	BARE STEEL

PLAN NOT VALID WITHOUT ORIGINAL WET STAMP

PROJECT NAME:

PROJECT NAME

PROJECT DESCRIPTION
 STREET ADDRESS
 CITY, STATE

CLIENT:
 YOUR COMPANY NAME
 STREET ADDRESS
 CITY, STATE
 Contact: Your Name
 Your Number

HELICAL PILE LAYOUT

NO.	DATE	REVISION/ISSUE

THESE DRAWINGS AND DETAILS ARE PROVIDED FOR GENERAL ENGINEERING PURPOSES AND SHALL NOT BE USED FOR OR BY ANY MAGNUM COMPETITOR IN ANY WAY OR PUBLISHED OR REVERSE ENGINEERED.

DESIGNED BY: MMB DATE: 5/26/09
 DRAWN BY: MMB SCALE: AS SHOWN
 CHECKED BY: HAP
 PROJECT NO: 0901

THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS, AS INSTRUMENTS OF SERVICE ARE THE EXCLUSIVE PROPERTY OF THE ENGINEER AND THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED EXCEPT BY WRITTEN PERMISSION FROM THE ENGINEER. TITLE TO THESE PLANS AND SPECIFICATIONS SHALL REMAIN WITH THE ENGINEER WITHOUT PREJUDICE, AND VISUAL CONTACT WITH THEM SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.
 COPYRIGHT MAGNUM GEO-SOLUTIONS, LLC ALL RIGHTS RESERVED.

PLAN NOT VALID WITHOUT ORIGINAL WET STAMP

PROJECT NAME:

PROJECT NAME

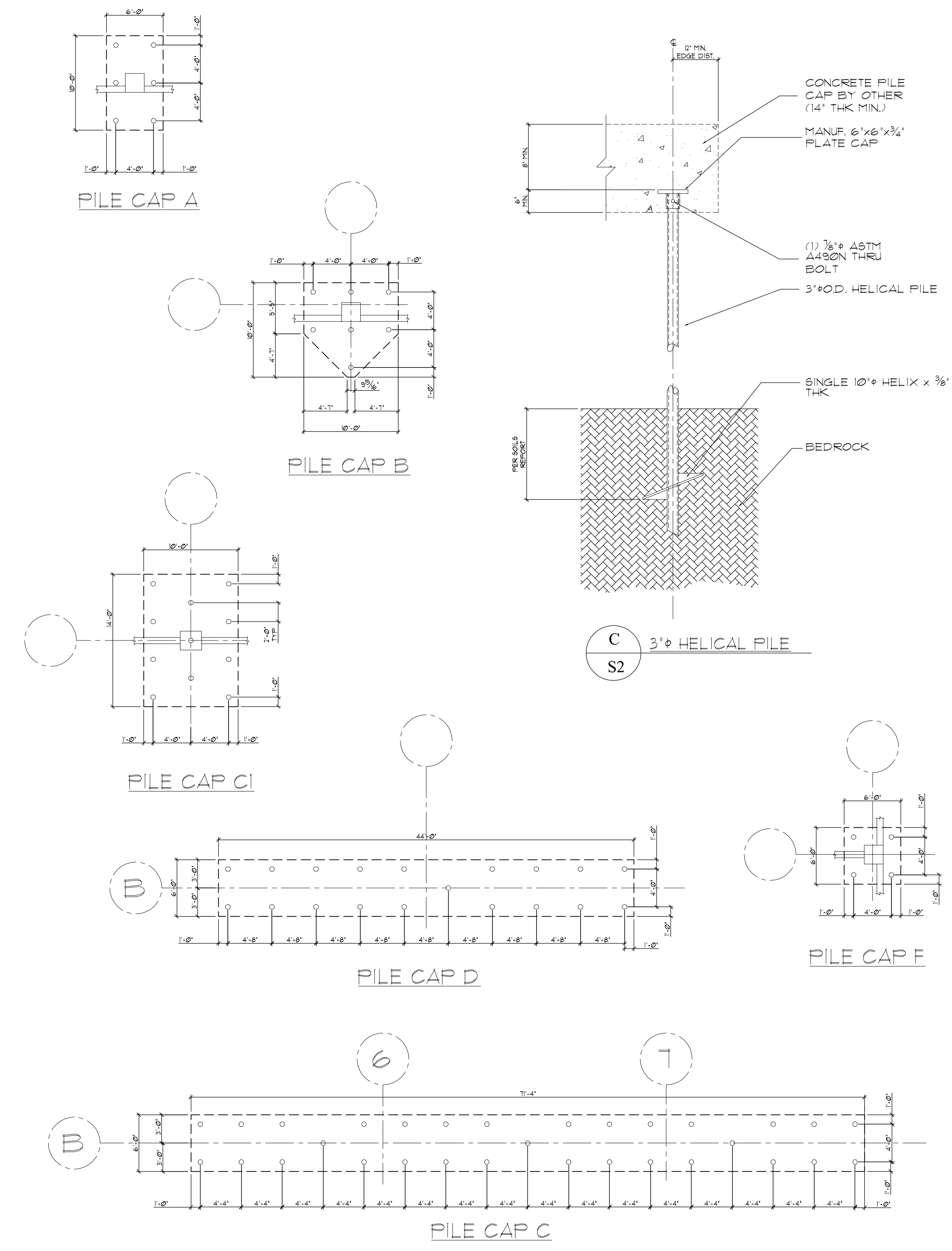
PROJECT DESCRIPTION
 STREET ADDRESS
 CITY, STATE

CLIENT:
 YOUR COMPANY NAME
 STREET ADDRESS
 CITY, STATE
 Contact: Your Name
 Your Number

FOUNDATION AND PILE DETAILS

NO.	DATE	REVISION/ISSUE

DESIGNED BY: MMB DATE: 5/26/09
 DRAWN BY: MMB SCALE: AS SHOWN
 CHECKED BY: HAP
 PROJECT NO: CN81



THESE DRAWINGS AND DETAILS ARE PROVIDED FOR GENERAL REFERENCE PURPOSES AND SHALL NOT BE USED FOR CONSTRUCTION WITHOUT THE ENGINEER'S PERMISSION.