NOTES:

1. Geopier Rammed Aggregate Pier drawings and loads based on structural drawing S5, Foundation Footing Loading Plan, dated February 15, 2013 prepared for Opechee Construction Corporation by JSN Associates, Inc.

2. For subsurface exploration logs and locations, see design submittal booklet.

3. For all top and bottom of footing elevations, see plans prepared by Opechee Construction Corporation.

4. Footing outlines are for information only. See structural plans for footing layout, dimensions and details.

5. See sheet GEO-2.0 for construction notes, specifications, and details.

6. See design submittal booklet for Rammed Aggregate Pier shaft lengths.

7. All existing and proposed utilities within and adjacent to the proposed building footprint shall be verified by the General Contractor and coordinated with the Geopier foundation installer before Rammed Aggregate Pier installation shall proceed.

8. A copy of this drawing is available on request for use in determining coordinate locations of individual piers that can be used with electronic survey equipment to stake out pier locations in the field. Questions that may pertain to discrepancies between coordinate locations of individual piers and the pier locations referenced to the overall building grid must be discussed and clarified with the Architect. However, should a discrepancy of 2 inches or less be found, the pier may be staked out at the coordinate location shown.

9. Rammed Aggregate Piers are located at the intersection of reference grid lines or at the centerline of strip footings unless dimensioned otherwise.

(#) indicates Rammed Aggregate Pier element location and designation.

SPREAD FOOTING SCHEDULE

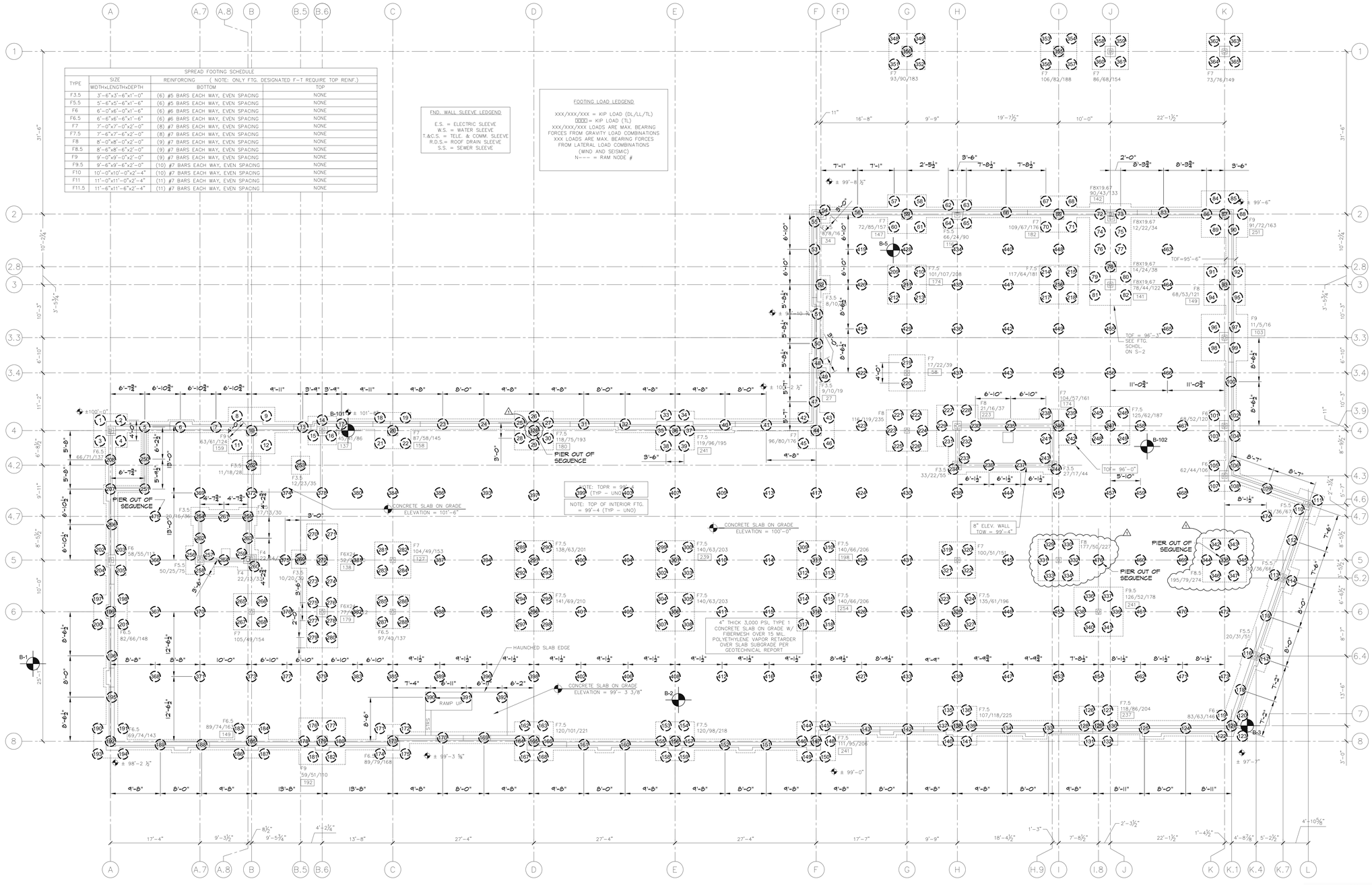
TYPE	SIZE WIDTH×LENGTH×DEPTH	REINFORCING (NOTE: ONLY FTG. DESIGNATED F-T REQUIRE TOP REINF.) BOTTOM	TOP
F3.5	3'-6"x3'-6"x1'-0"	(6) #5 BARS EACH WAY, EVEN SPACING	NONE
F5.5	5'-6"x5'-6"x1'-6"	(6) #5 BARS EACH WAY, EVEN SPACING	NONE
F6	6'-0"x6'-0"x1'-6"	(6) #6 BARS EACH WAY, EVEN SPACING	NONE
F6.5	6'-6"x6'-6"x1'-6"	(6) #6 BARS EACH WAY, EVEN SPACING	NONE
F7	7'-0"x7'-0"x2'-0"	(8) #7 BARS EACH WAY, EVEN SPACING	NONE
F7.5	7'-6"x7'-6"x2'-0"	(8) #7 BARS EACH WAY, EVEN SPACING	NONE
F8	8'-0"x8'-0"x2'-0"	(9) #7 BARS EACH WAY, EVEN SPACING	NONE
F8.5	8'-6"x8'-6"x2'-0"	(9) #7 BARS EACH WAY, EVEN SPACING	NONE
F9	9'-0"x9'-0"x2'-0"	(9) #7 BARS EACH WAY, EVEN SPACING	NONE
F9.5	9'-6"x9'-6"x2'-0"	(10) #7 BARS EACH WAY, EVEN SPACING	NONE
F10	10'-0"x10'-0"x2'-4"	(10) #7 BARS EACH WAY, EVEN SPACING	NONE
F11	11'-0"x11'-0"x2'-4"	(11) #7 BARS EACH WAY, EVEN SPACING	NONE
F11.5	11'-6"x11'-6"x2'-4"	(11) #7 BARS EACH WAY, EVEN SPACING	NONE

END WALL SLEEVE LEDGEND

E.S. = ELECTRIC SLEEVE
W.S. = WATER SLEEVE
T.&C.S. = TELE. & COMM. SLEEVE
R.D.S.= ROOF DRAIN SLEEVE
S.S. = SEWER SLEEVE

FOOTING LOAD LEDGEND

XXX/XXX/XXX = KIP LOAD (DL/LL/TL)
(XXX) = KIP LOAD (TL)
XXX/XXX/XXX LOADS ARE MAX. BEARING FORCES FROM GRAVITY LOAD COMBINATIONS
XXX LOADS ARE MAX. BEARING FORCES FROM LATERAL LOAD COMBINATIONS (WIND AND SEISMIC)
N=== = RAM NODE #



GEOPIER LOCATION PLAN
SCALE: 1/8" = 1'-0"

STATE OF MAINE
JAMES R. WHEELER
No. 10753
LICENSED
PROFESSIONAL ENGINEER

4'-0" 12'-0"
0 8'-0" 16'-0"

REV.	DATE	DESCRIPTION
1	2/27/13	REVISED DUE TO REVISED PLAN S5, DATED 2/26/13

DESIGN/BUILD GEOTECHNICAL
2 Mount Royal Ave., Suite 208
Marlborough, MA 01752
Tel: 508 481-3849
Fax: 508 460-1114
"DELIVERING THE GEOPIER FOUNDATION SYSTEM"

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GEOPIER®

SCALE	DATE	SHEET	PLAN #
1/8"=1'-0"	2/22/13	1 of 2	
DRAWN BY MJF	CHKD BY CD	APPD BY JN	DISK REF #

INSTALLER:
Helical Drilling Geotechnical Design/Builders
HELICAL DRILLING, INC.
634 GRANITE STREET
BRAINTREE, MA 02184
TEL. (781) 848-2110

GEOPIER LOCATION PLAN
Commercial and Maple Street
Mixed Use Development
Portland, ME

SHEET NO.
GNE-00944
GEO-1.0
ME-25711