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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

SLIDELL
ATHLETIC
CLUB

PIILING
LAYOUT

REV:

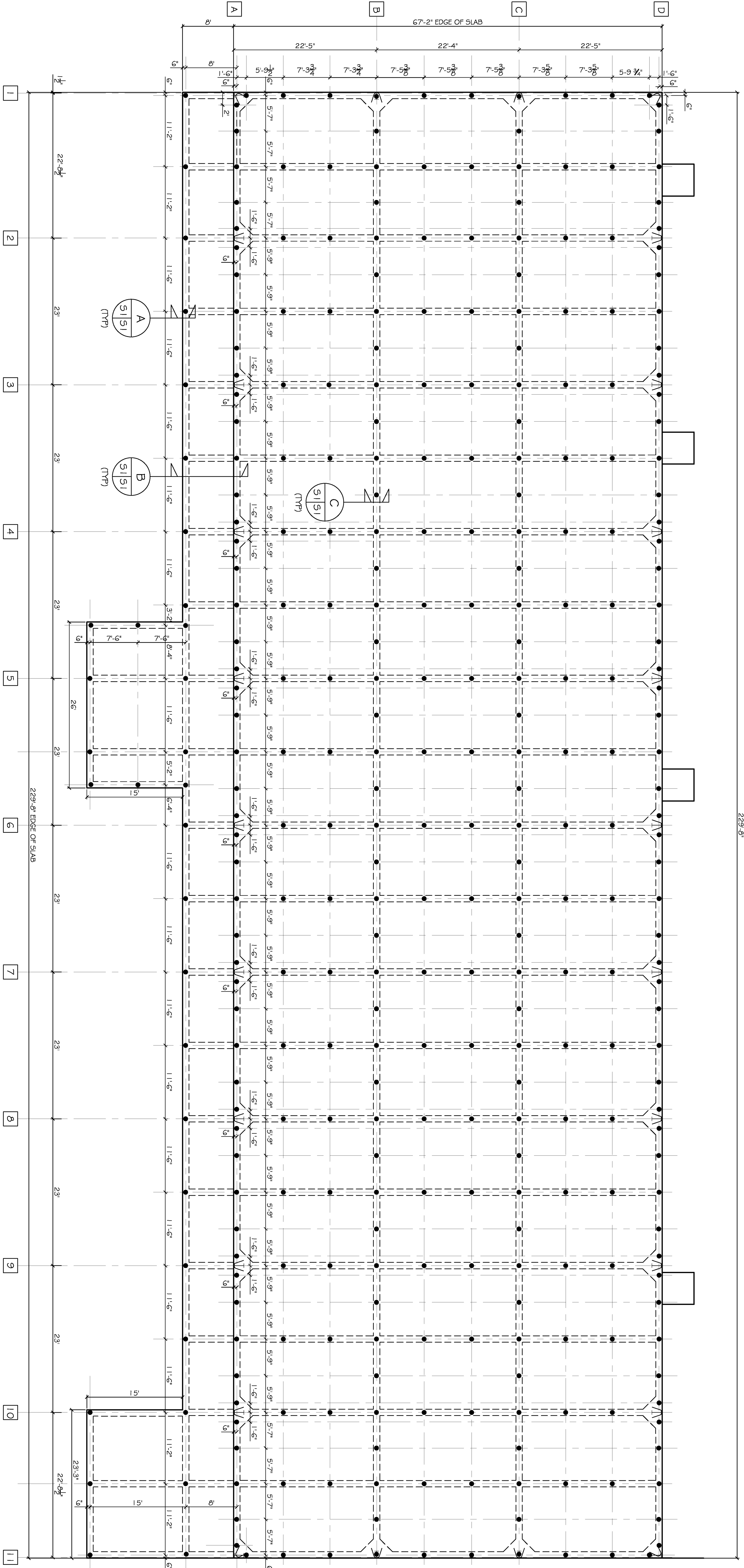
SCALE: AS NOTED

JOB#: 2121

DATE:

SHEET 1

OF 1



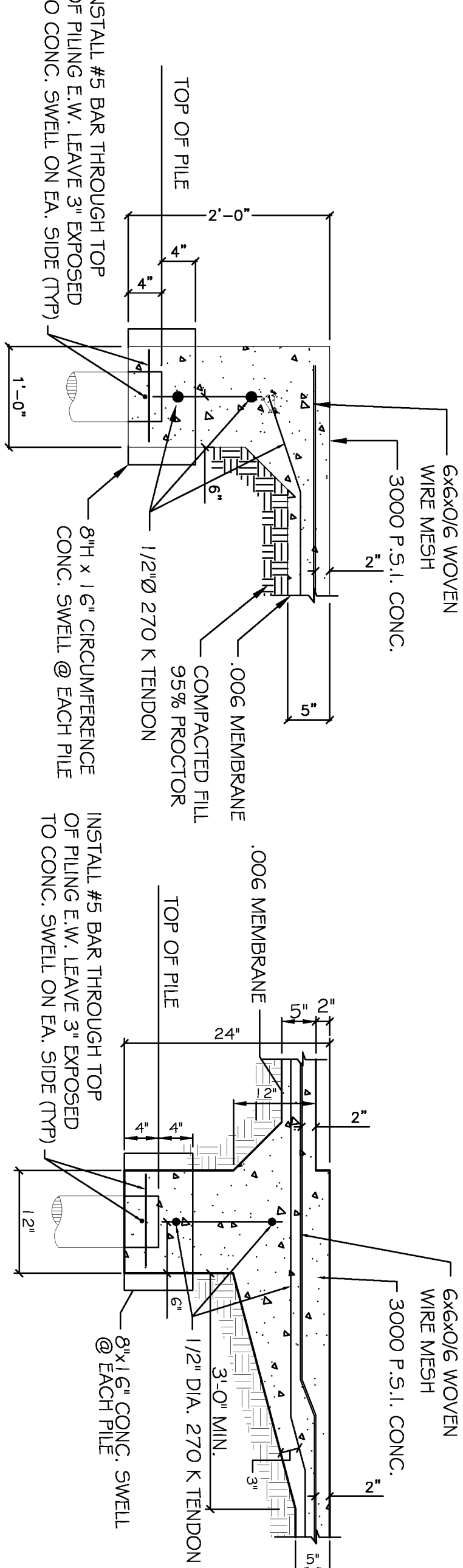
GENERAL NOTE:
1. LOCATIONS OF INTERIOR GRADE BEAMS TO BE VERIFIED AGAINST BUILDING MANUFACTURERS DRAWINGS PRIOR TO PILING BEING DRIVEN.

PILING NOTES:
1. PILES SHALL BE TREATED TIMBER ASTM D25 QUALITY, CLASS 5 40 WITH 6" TIP AND 8" BUTT NORMAL TAPE TO BUTT.
2. CAPACITY SHALL BE 8 TONS EACH, DRIVEN TO 35 FT. BELOW NATURAL GRADE.

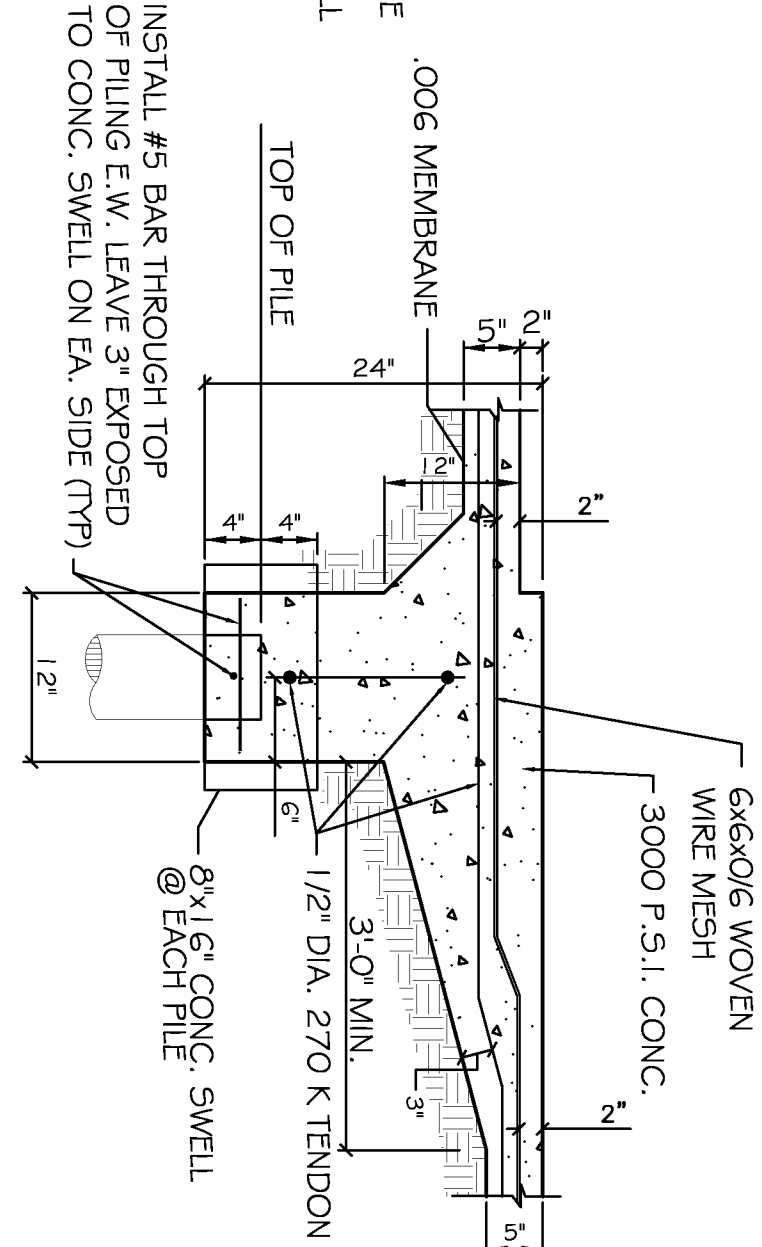
PILING PLAN
SCALE: 1/8" = 1'-0"

SITE PREP NOTES:

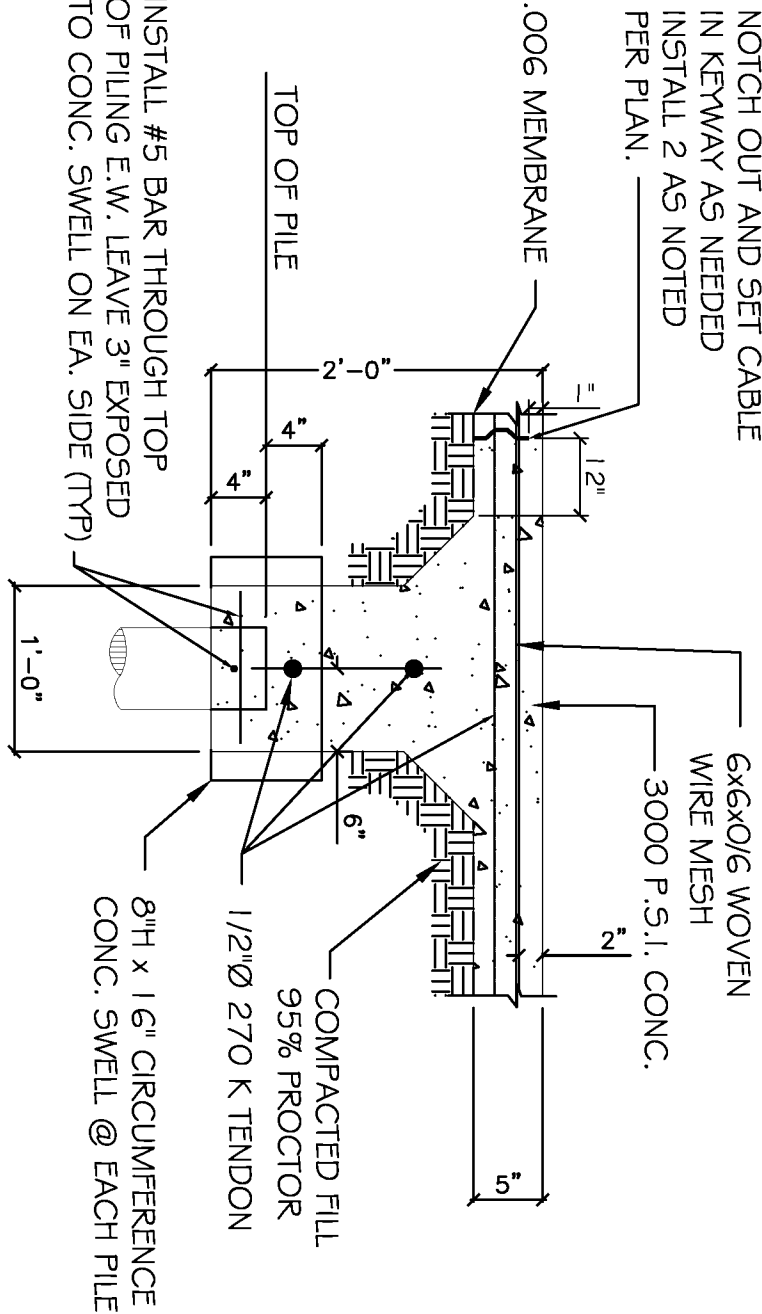
1. REMOVE EXISTING NEAR SURFACE LOOSE TAN SAND AND MEDIUM STIFF SILTY CLAYS THAT EXTEND TO A DEPTH OF 1 TO 1 1/2 FT. TO EXPOSE EXISTING STIFF AND VERY STIFF CLAYS. UNDER ALL NEW CONSTRUCTION AND PAVING. PROOF-ROLL AND REMOVE ANY SOFT, YIELDING OR PUMPING SPOTS.
2. NEW CONCRETE FOOTINGS ARE TO BE SEATED IN THE FIRM, NATURALLY OCCURRING STIFF TO VERY STIFF CLAY OR SILTY CLAYS TO PROVIDE AN ALLOWABLE SOIL BEARING VALUE OF 1,500 LBS. PER SQ. FT.
3. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWALES AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAIN WATER FROM THE CONSTRUCTION AREA.
4. ALL EXCAVATED MATERIAL SHOULD BE REPLACED WITH CONTROLLED-COMPACTED STRUCTURAL FILL INSTALLED IN 6"-8" LIFTS. THIS STRUCTURAL FILL, WHICH COULD ALSO BE USED TO RAISE THE SITE GRADE, COULD CONSIST OF RED CLAY-SAND TYPE MATERIAL HAVING LESS THAN 30 PERCENT FINES PASSING THE No. 200 SIEVE. IT SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D-698.
5. ESTIMATED SETTLEMENTS OF UP TO ONE INCH ARE POSSIBLE WITH A MODERATE SUSCEPTIBILITY TO VOLUMETRIC CHANGE RESULTING IN HEAVE AND SHRINKAGE DURING VARIATIONS OF HEAVY PRECIPITATION AND DROUGHT. GOOD ROOF AND SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM THE BUILDING SHOULD BE ASSURED.
6. MONITORING OF PROOF-ROLLING AND SELECTION, PLACEMENT AND COMPACTION OF FILL BY A SOILS ENGINEER, IS RECOMMENDED.



SECTION A
SCALE: N.T.S.
(AT EXTERIOR BEAMS)



SECTION B
SCALE: N.T.S.
(INTERIOR OFFSET)



SECTION C
SCALE: N.T.S.
(AT INTERIOR BEAMS)