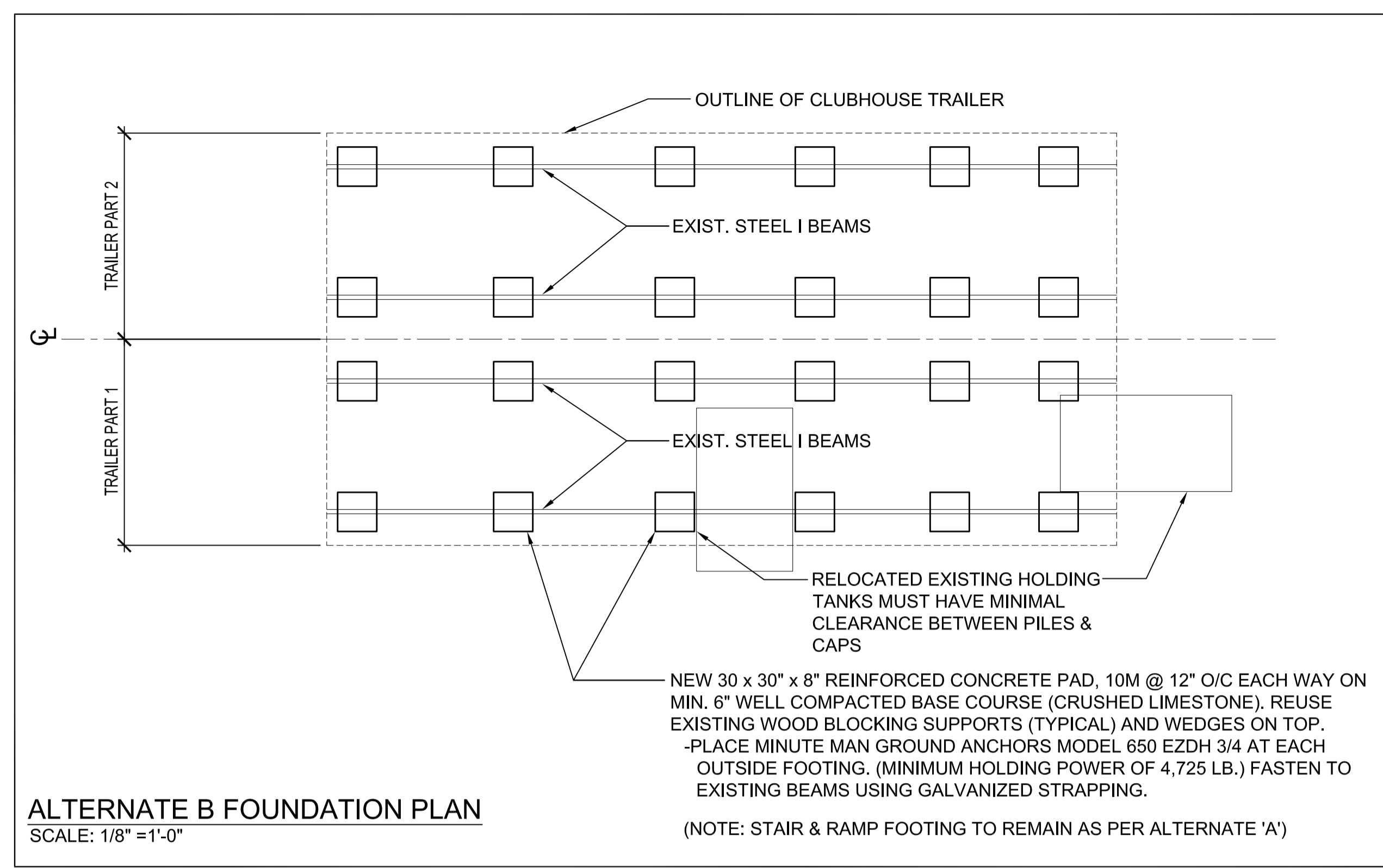
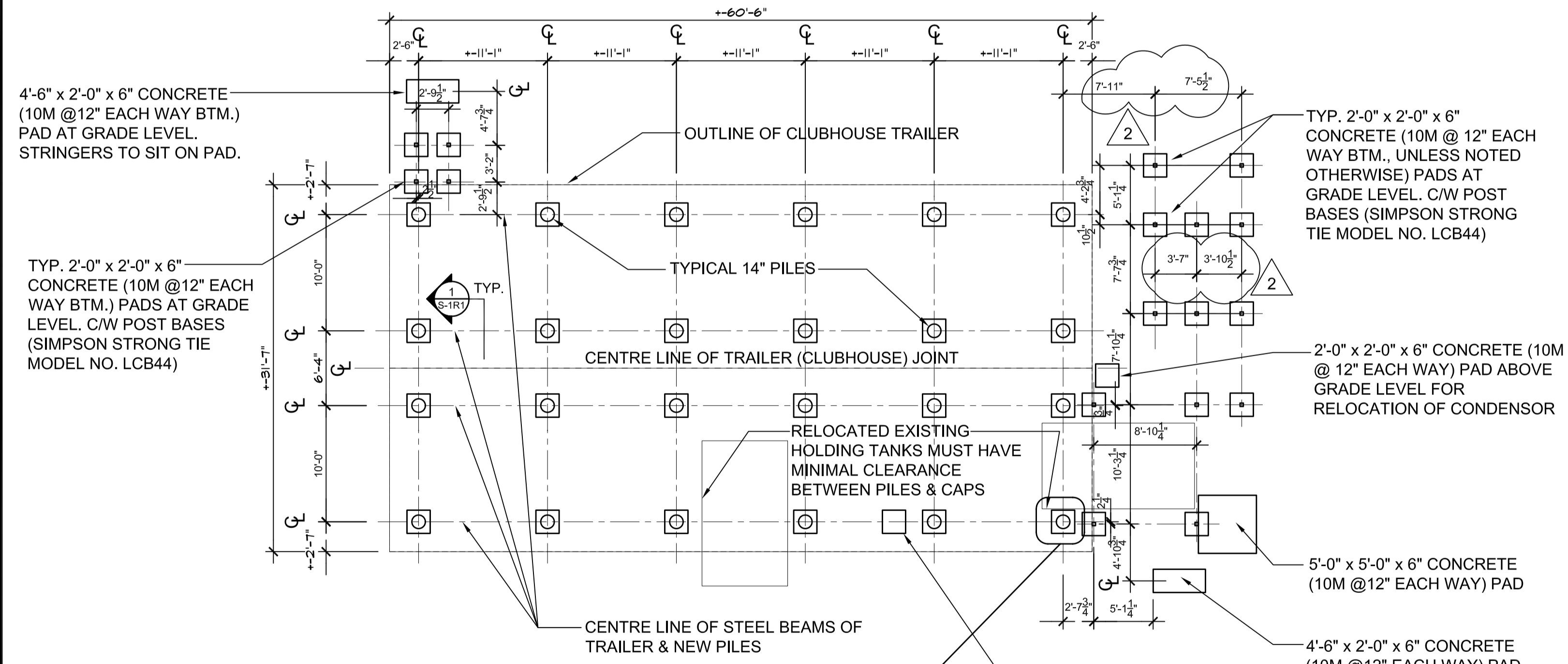


EXISTING FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

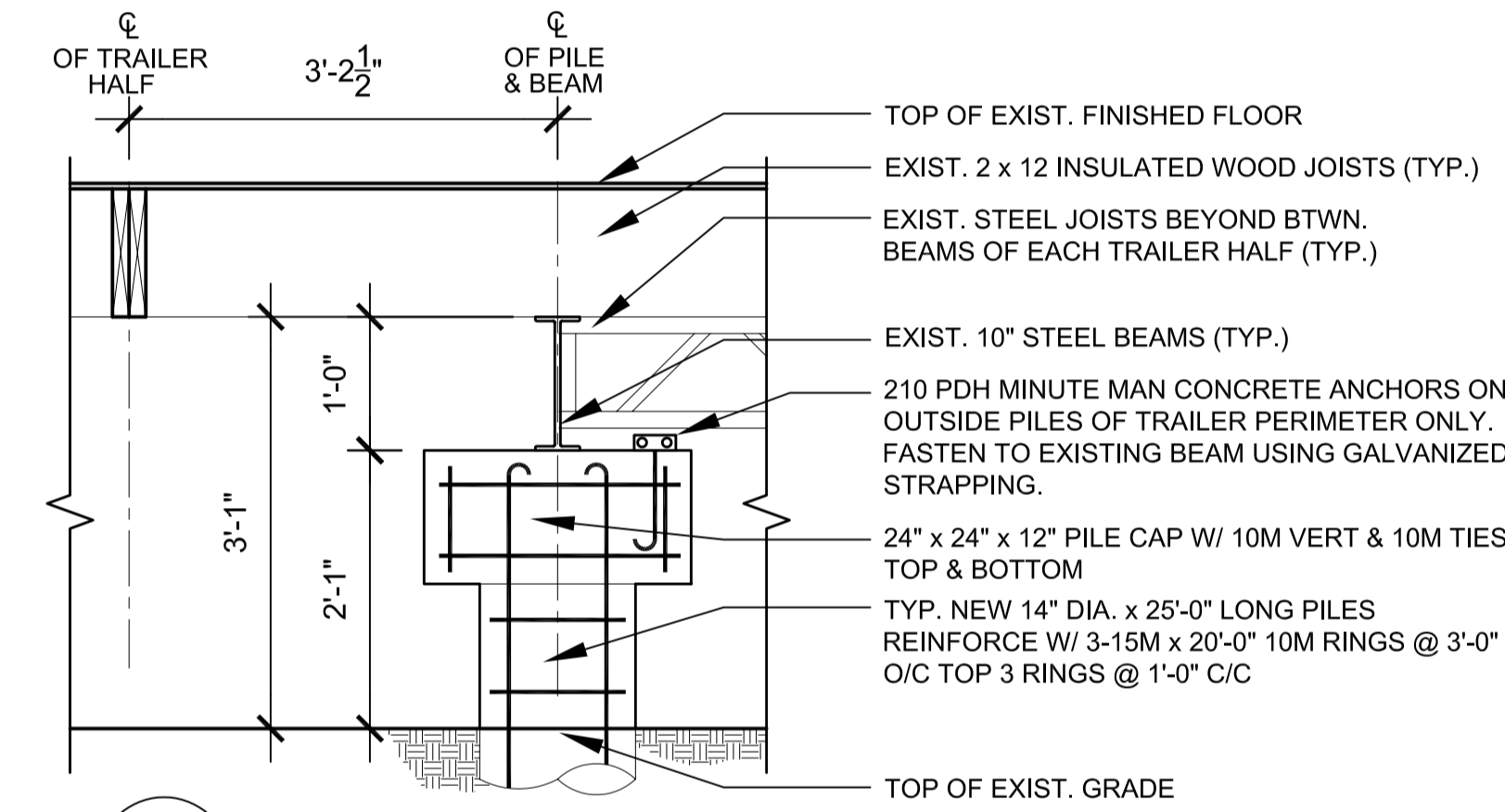


ALTERNATE B FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

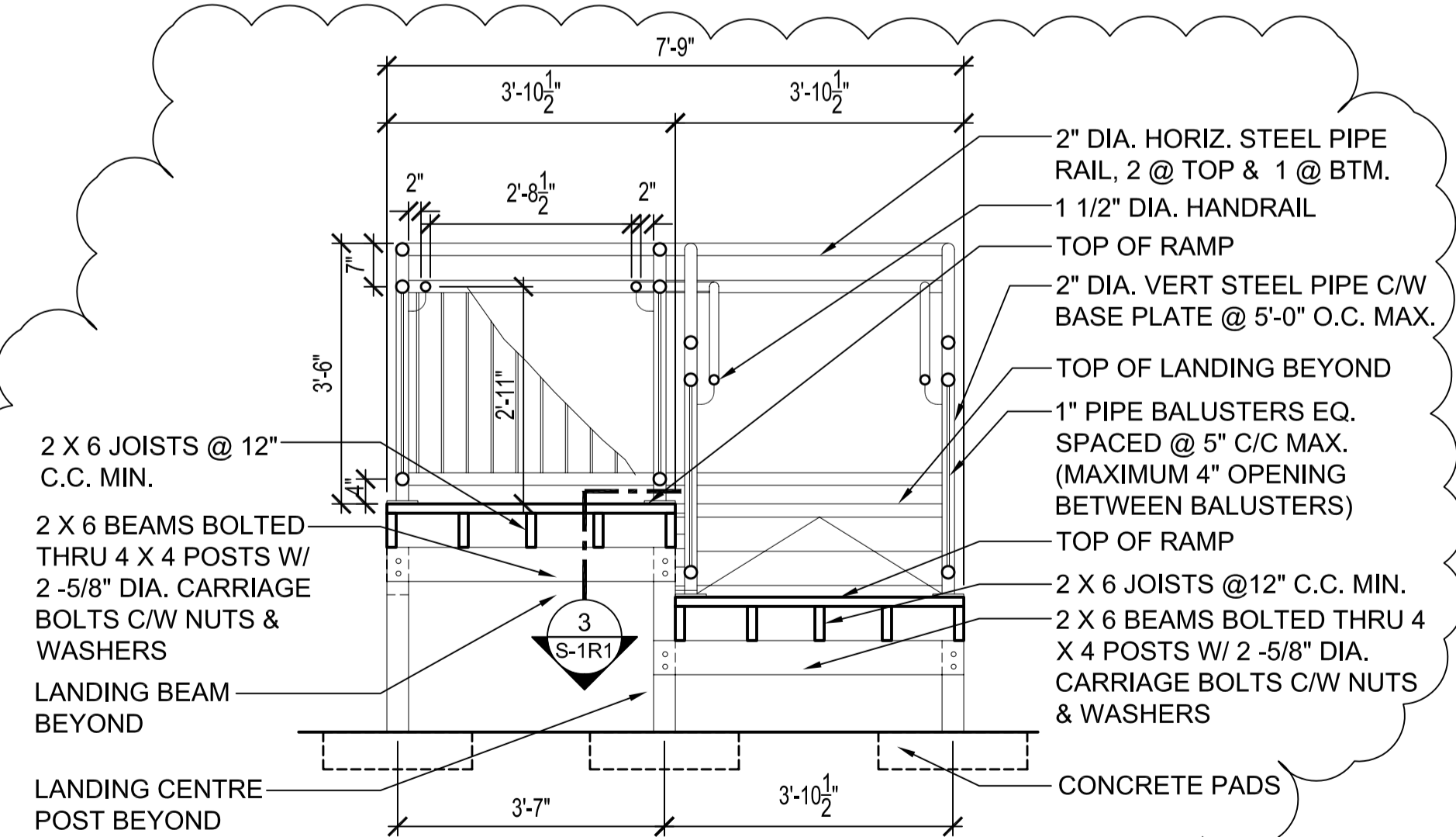
- STRUCTURAL NOTES:**
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE MANITOBA BUILDING CODE.
 - PILING DESIGNED AS CAST-IN-PLACE FRICTION PILES, DESIGN SKIN FRICTION VALUE 14.4KN/M2.
 -CONCRETE SHALL BE 30 MPa (90mm SLUMP) USING SHULFATE RESISTANT CONCRETE.
 -ALL HOLES SHALL BE DRILLED TO DEPTHS AND IN EXACT LOCATIONS SHOWN ON DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY IF IMPOSSIBLE TO ATTAIN DEPTHS OR IF WATER IS ENCOUNTERED. CONTRACTOR SHALL PUMP WATER PRIOR TO POURING OR INCREASE SIZE OF PILING TO ACHIEVE NECESSARY FRICTION BEARING.
 - CONCRETE
 ALL CONCRETE CAPS & FOOTINGS SHALL BE 30 MPa, 20mm AGGREGATE, 5-7% AIR & 100mm SLUMP. REINFORCE W/ 10M @12" EACH WAY UNLESS NOTED OTHERWISE.
 -CONTRACTOR SHALL CHECK ALL FOUNDATION DIMENSIONS ON STRUCTURAL DRAWINGS FOR COMPLIANCE WITH ARCHITECTURAL & MECHANICAL DRAWINGS.
 - DESIGN LOADS
 FLOOR LIVE LOAD: 100 psf
 ROOF SNOW LOAD: 36 psf



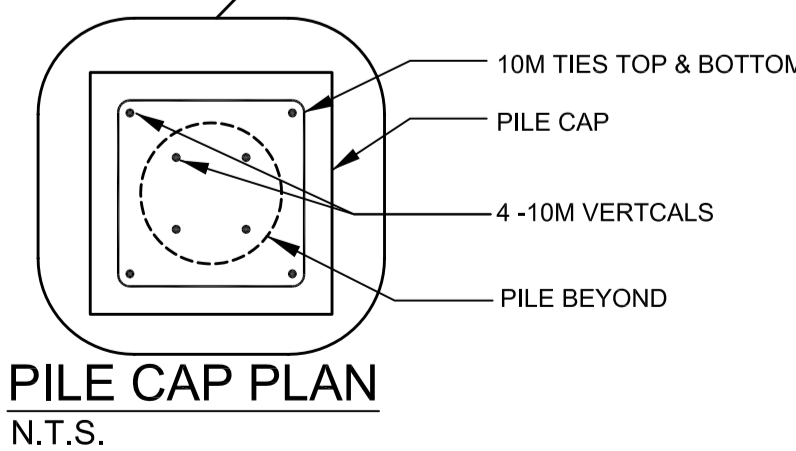
ALTERNATE A NEW FOUNDATION PLAN, STAIR & RAMP FOOTINGS
 SCALE: 1/8" = 1'-0"



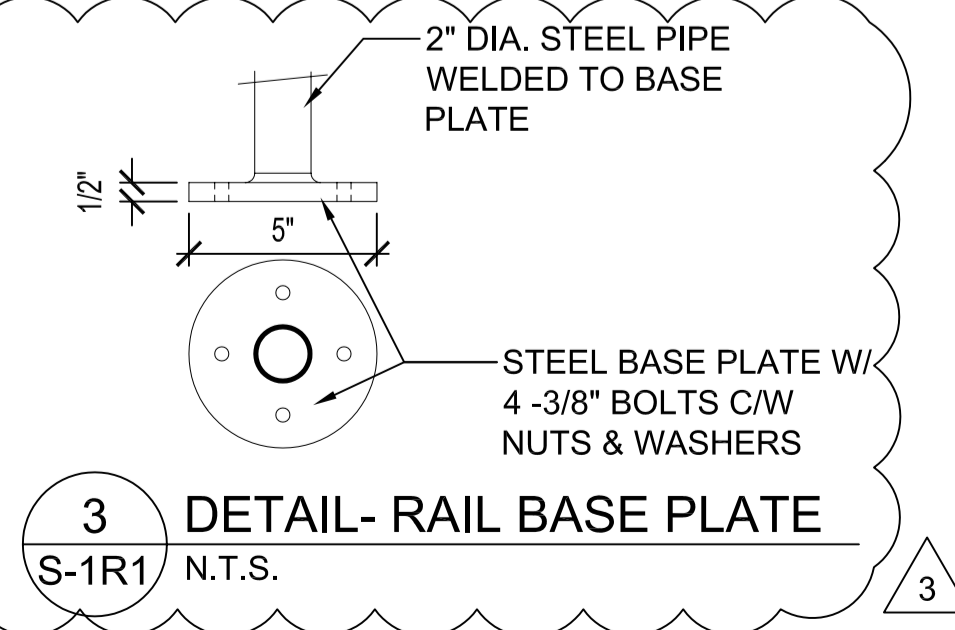
1 BEAM & PILE DETAIL
 S-1R1 SCALE: 3/4" = 1'-0"



2 RAMP & BEAM DETAIL
 S-1R1 SCALE: 1/2" = 1'-0"



PILE CAP PLAN
 N.T.S.



3 DETAIL- RAIL BASE PLATE
 S-1R1 N.T.S.

ORIGINAL SEALED BY:
 B.T.M. Konzelman P. Eng.
 Date: 2004/06/29

- 3 NEW BASE PLATE DETAIL
- 2 REVISE LOCATION OF CONCRETE PADS
- 1 REVISE WIDTHS OF RAMPS & RAILING TYPES

NO.	REVISION/DESCRIPTION	BY	DATE
SEALS			

DRAWN BY	CHECKED BY	APPROVED
MMK	USER APPROVAL	

CITY OF WINNIPEG
 PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
 Wpg. Police Services -Bridgewater Park
 Foundation Upgrading
 341 CADBORO ROAD -Police Firing Range

SHEET TITLE
 Existing Foundation,
 New Foundation
 & Details

SCALE	PROJECT NO.	SHEET NO.
Noted	2003-067	S-1R1