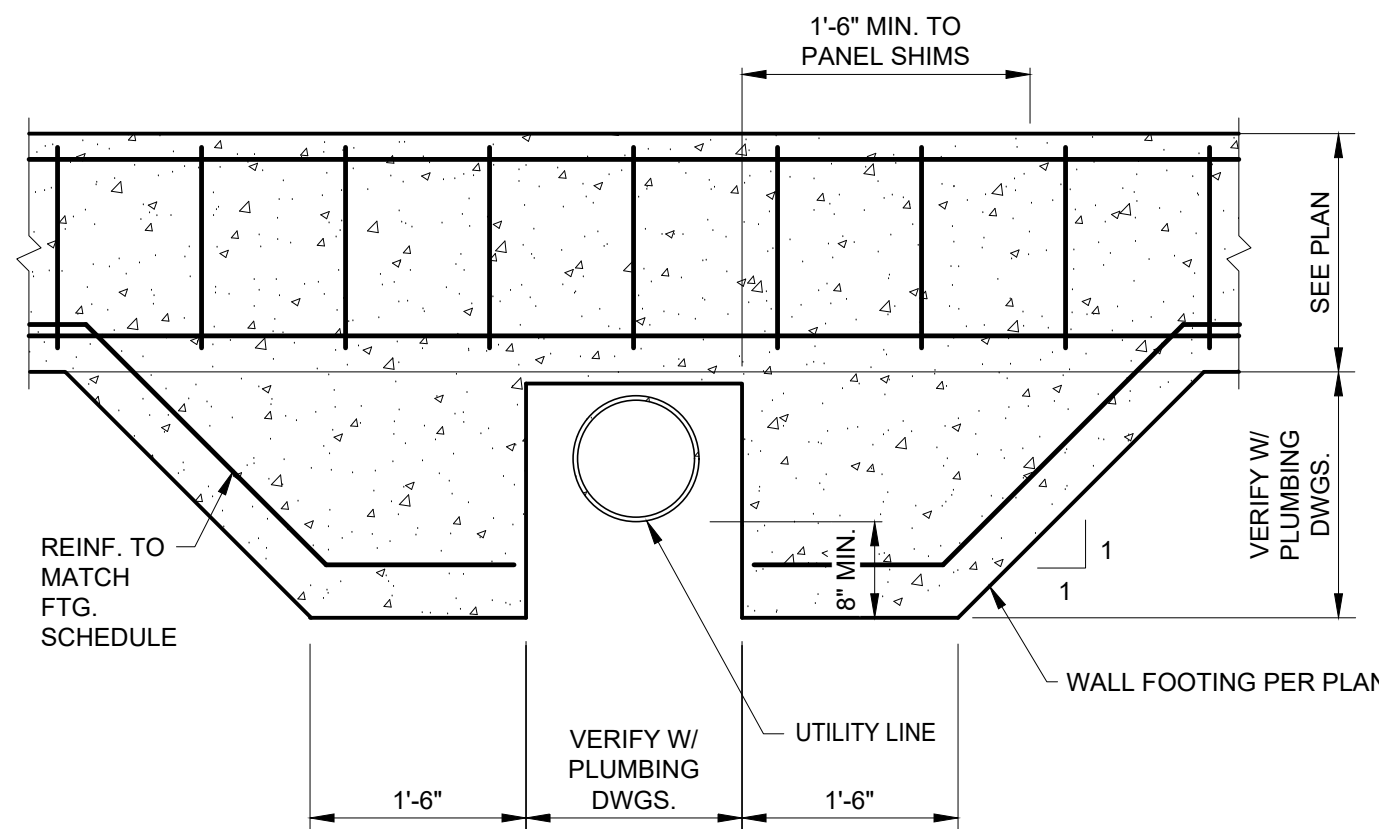


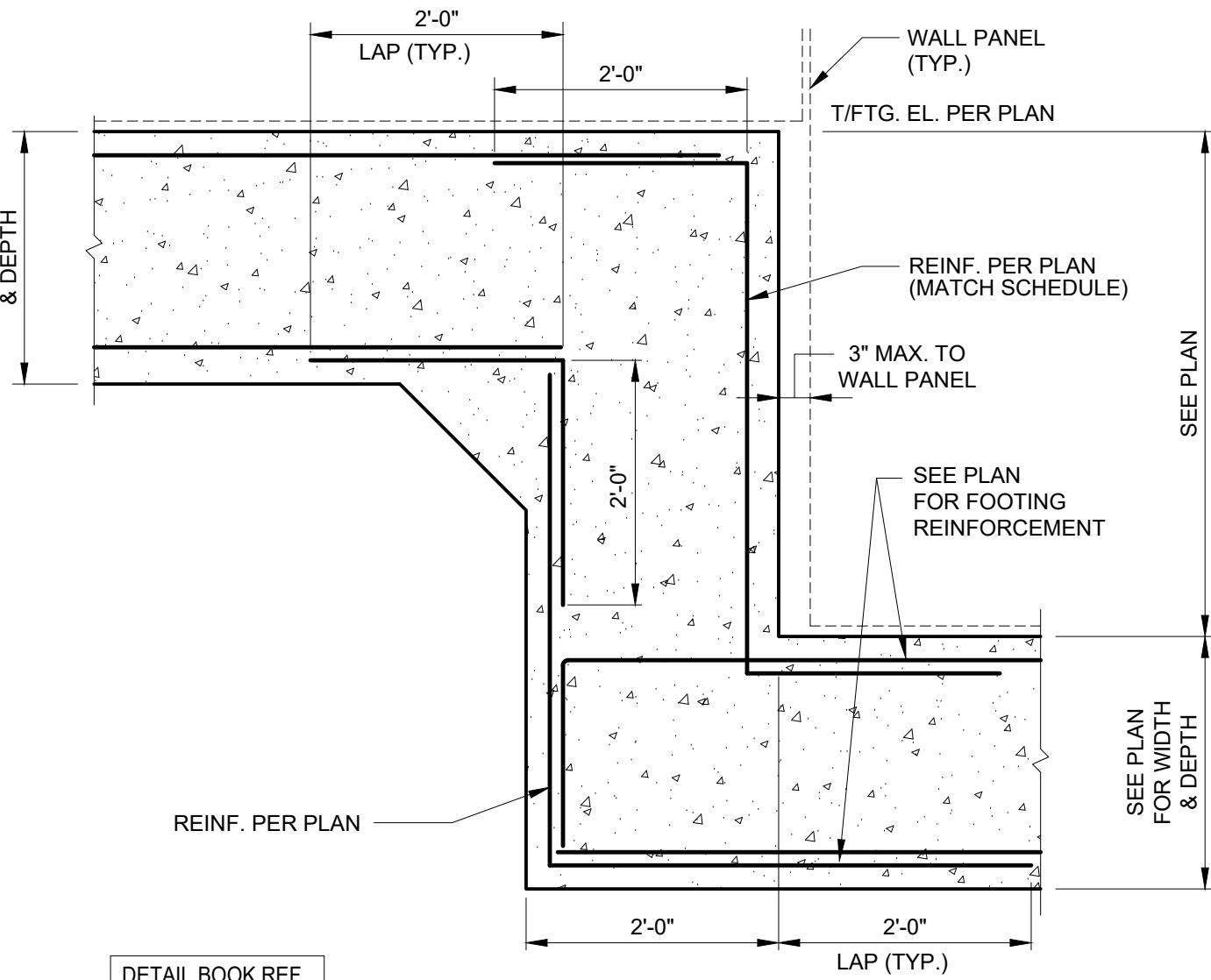
TYP. PLAN VIEW OF
TOP OF RAMP WALL

SCALE: 3/4\"/>



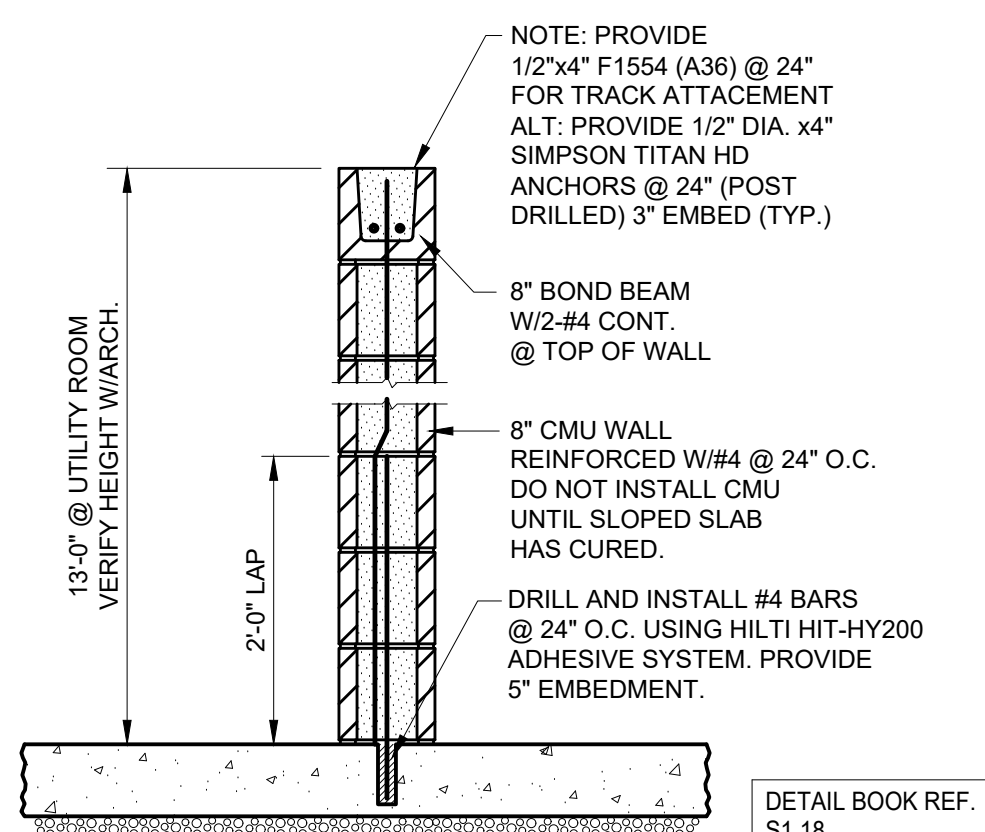
WALL FOOTING AT
UTILITY LINE CROSSING

SCALE: NO SCALE



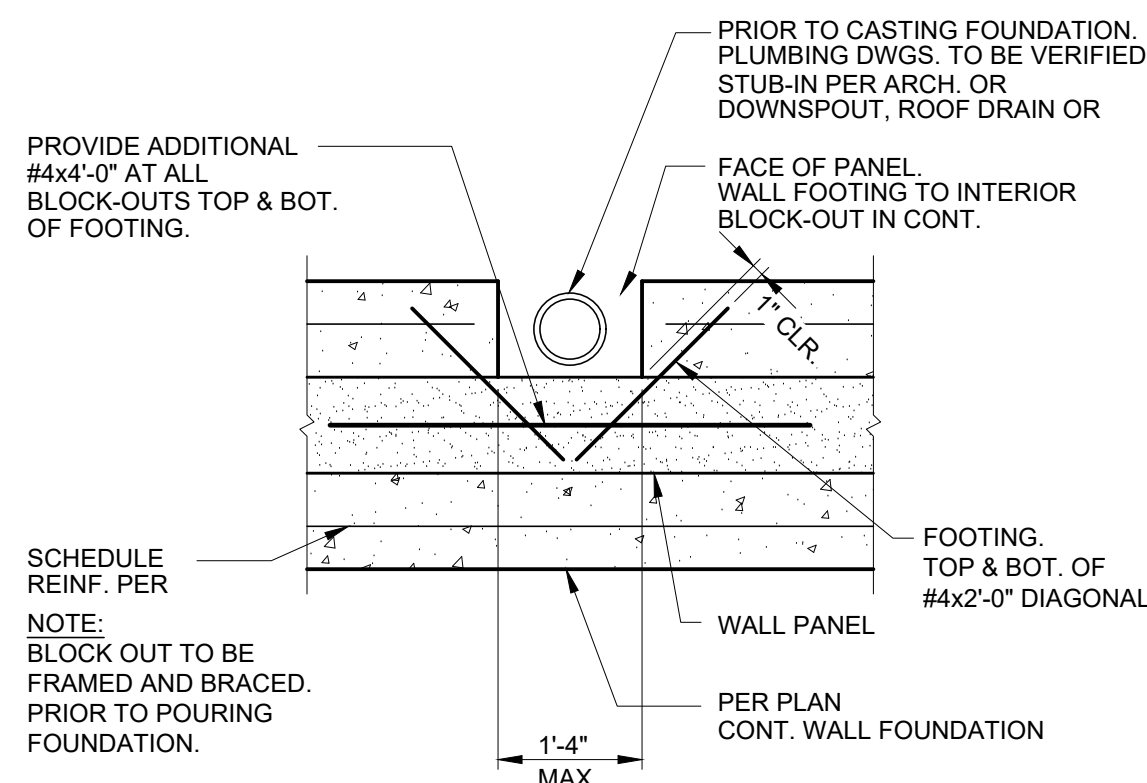
SECTION AT FOOTING STEP

SCALE: NO SCALE



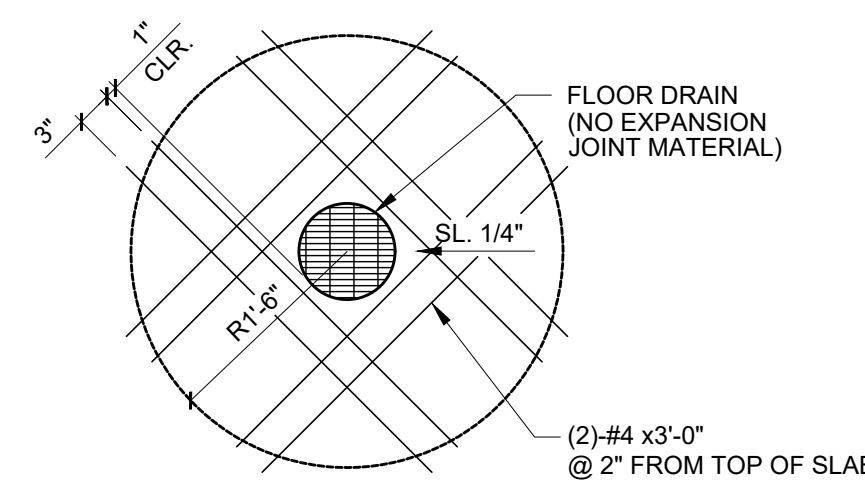
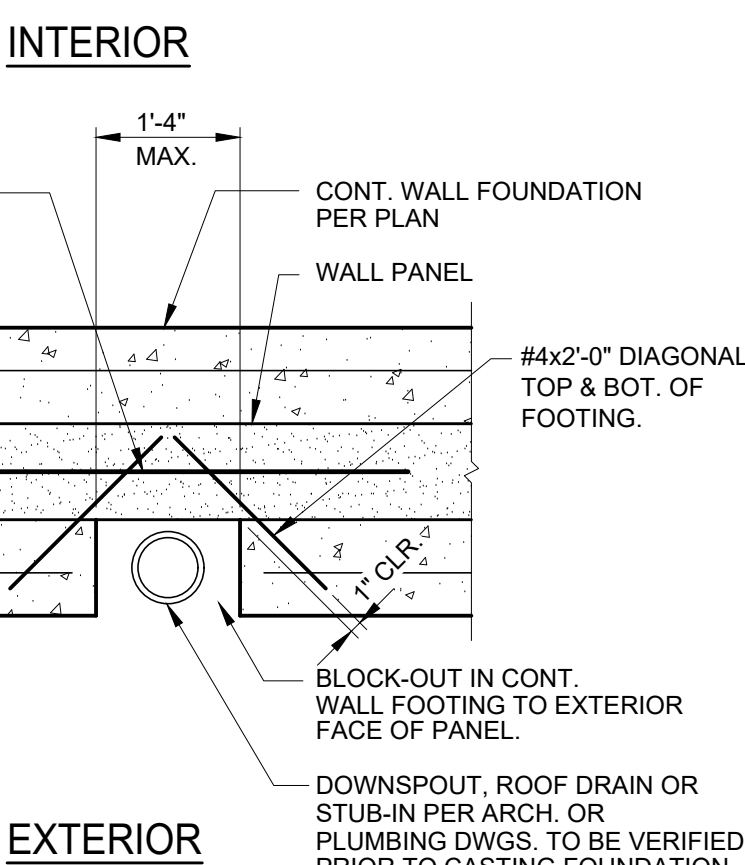
INTERIOR MASONRY WALL

SCALE: NO SCALE



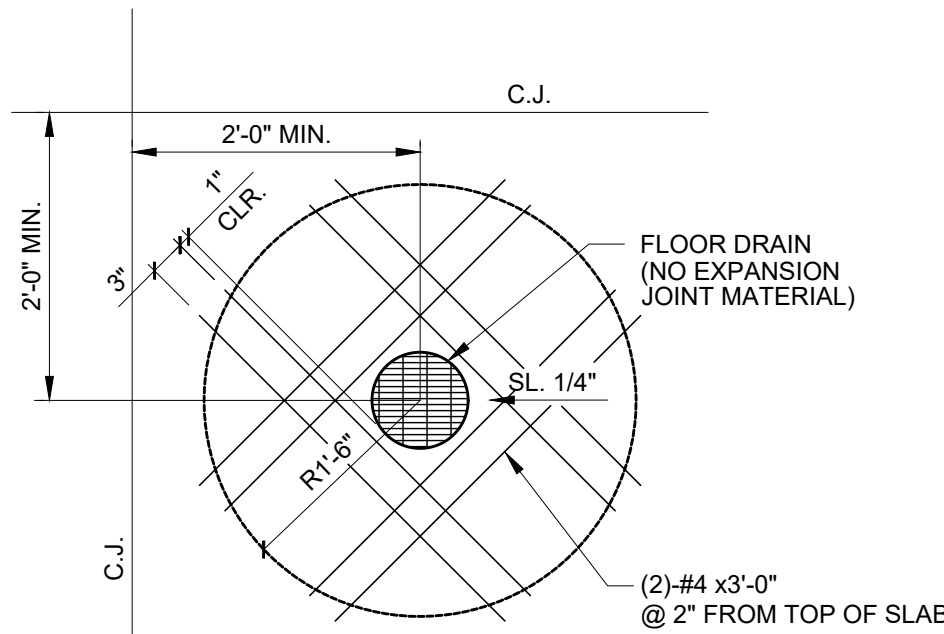
FOOTING BLOCKOUT
AT DOWNSPOUT,
ROOF DRAIN,
AND UTILITY

SCALE: NO SCALE



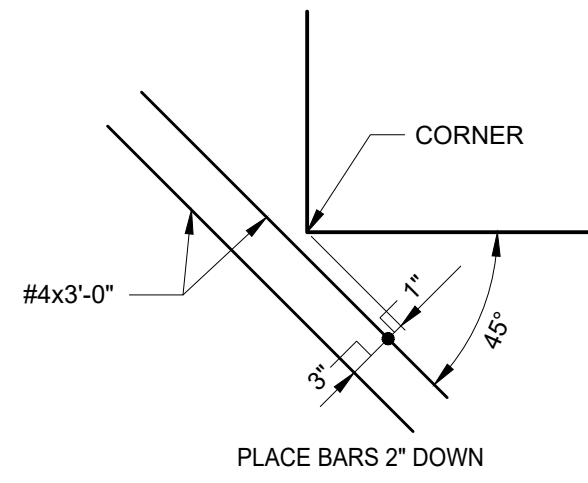
FLOOR DRAIN
PLAN DETAIL

SCALE: NO SCALE



PLUMBING
CLEANOUT PLAN DETAIL

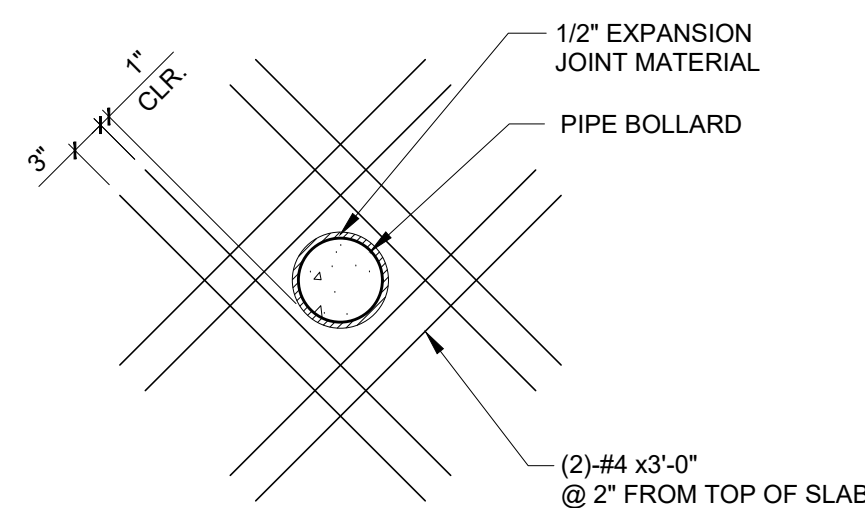
SCALE: NO SCALE



SLAB ON GRADE
RE-ENTRANT CORNER

SCALE: NO SCALE

NOTE: ONLY INSTALL RE-ENTRANT BARS WHEN A SAW CUT IS NOT PROVIDED TO THE CORNER IN QUESTION.



REBAR @
PIPE BOLLARDS

SCALE: NO SCALE

LAP SCHEDULE 3000 PSI CONCRETE		
BAR SIZE	OTHER	TOP
#3	21"	28"
#4	28"	37"
#5	35"	46"
#6	42"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	117"

LAP SCHEDULE 4000 PSI CONCRETE		
BAR SIZE	OTHER	TOP
#3	19"	24"
#4	25"	32"
#5	31"	40"
#6	37"	48"
#7	54"	70"
#8	62"	80"
#9	70"	90"
#10	78"	102"

DETAIL BOOK REF.
S1.02-N
8/24/2023

NOTES:

- TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS ARE CALCULATED PER ACI 318-14, SECTION 25.4.2 AND 25.5.2, RESPECTIVELY.
- TABLE IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.33.
- TABLE IS BASED ON 60KSI REINFORCEMENT.
- *TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
- THE FOLLOWING REQUIREMENTS MUST BE MET TO USE VALUES:
 - BAR COVER IS GREATER THAN THE BAR DIAMETER
 - BAR SPACING IS AT LEAST 3X BAR DIAMETER

DESIGNER / BUILDER

ARCO
DESIGN/BUILD

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.6010

ADB
STRUCTURAL
ENGINEERING

PROJECT TITLE
**ROCKLAND
LOGISTICS
CENTER BLDG 2**

25 OLD MILL RD.
SUFFERN, NY 10901

OWNER
BROOKFIELD PROPERTIES
1 MEADOWLANDS PLAZA, SUITE 802
EAST RUTHERFORD, NJ 07073

ARCHITECT
ADD / DESIGN SERVICES LLC
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601

CIVIL ENGINEER
DYNAMIC ENGINEERING CONSULTANTS
1904 MAIN STREET
LAKE COMO, NJ 07719

STRUCTURAL ENGINEER
ADB STRUCTURAL ENGINEERING
325 S. ALABAMA ST. SUITE 200
INDIANAPOLIS, IN 46204

MECHANICAL ENGINEER
NATIONAL DESIGN BUILD SERVICES
11840 BORMAN DRIVE
MARYLAND HEIGHTS, MO 63146

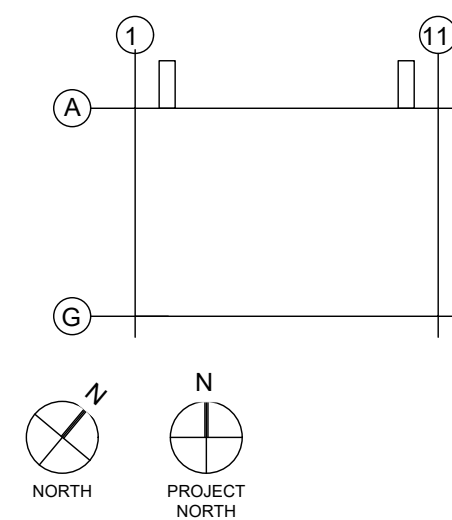
ELECTRICAL ENGINEER
FXB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

PLUMBING ENGINEER
MCCARTHY ENGINEERING
2500 E HIGH STREET, SUITE 630
POTTSTOWN, PA 19464

FIRE PROTECTION ENGINEER
S.A. COMUNALE
2900 NEWPARK DRIVE
BARBERTON, OH 44203

SEAL

KEY PLAN



SUBMITTALS

NO.	DATE	DESCRIPTION
12-04-23	COORDINATION SET	
12-08-23	75% PROGRESS SET	
01-26-24	90% PROGRESS SET	
02-09-24	PERMIT SET	

PROJECT NO. AS397-22 | NY154 | SEI-085-23
DRAWN BY JWC

SHEET TITLE
**FOUNDATION
DETAILS**

SHEET NO.

S2.3