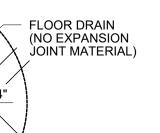


	S1.02A-N 8/24/2023	
S:		
TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS ARE		
CALCULATED PER ACI 318-14, SECTION 25.4.2 AND 25.5.2, RESPECTIVELY.		
TABLE IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHTWEIGHT		

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



(2)-#4 x3'-0" @ 2" FROM TOP OF SLAB

DETAIL BOOK REF. S1.03 1/27/2023

CLEANOUT PLAN DETAIL

DETAIL BOOK REF. S1.02 1/27/2023

- 1/2" EXPANSION JOINT MATERIAL PIPE BOLLARD (2)-#4 x3'-0" @ 2" FROM TOP OF SLAB DETAIL BOOK REF. S1.08

1/27/2023

NOTES

DESIGNER / BUILDER ARCO DESIGN/BUILD
44 SOUTH BROADWAY, SUITE 1003 WHITE PLAINS, NY 10601 P: 914.821.5535 F: 914.306.6010
PROJECT TITLE
ROCKLAND LOGISTICS CENTER BLDG 1 25 OLD MILL RD. SUFFERN, NY 10901
OWNER BROOKFIELD PROPERTIES 1 MEADOWLANDS PLAZA, SUITE 802 EAST RUTHERFORD,NJ 07073
ARCHITECT ADB / 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
TRUE PROJECT NORTH NORTH
SUBMITTALS NO. DATE DESCRIPTION 11-29-23 75% PROGRESS SET 12-22-23 90% PROGRESS SET 01-26-24 95% PROGRESS SET
02-09-24 PERMIT SET
PROJECT NO. DRAWN BY AS397-22 NY154 SEI-085-23 JWC SHEET TITLE FOUNDATION DETAILS
SHEET NO.
S2.3