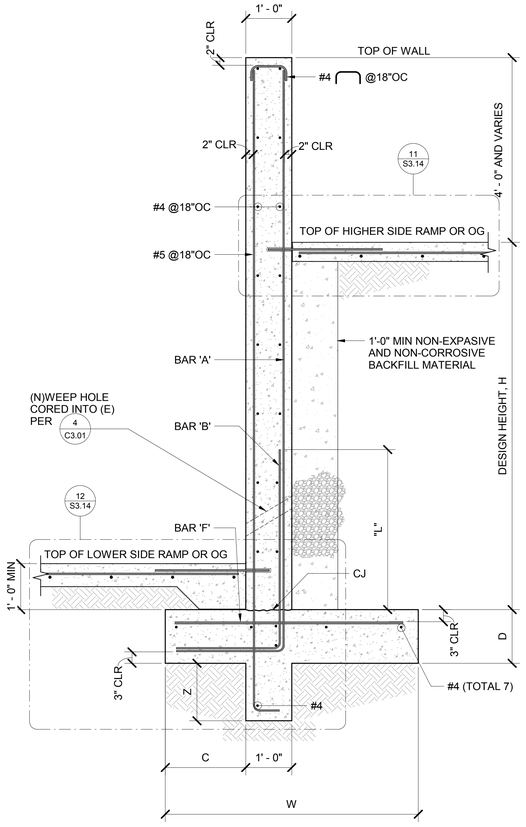


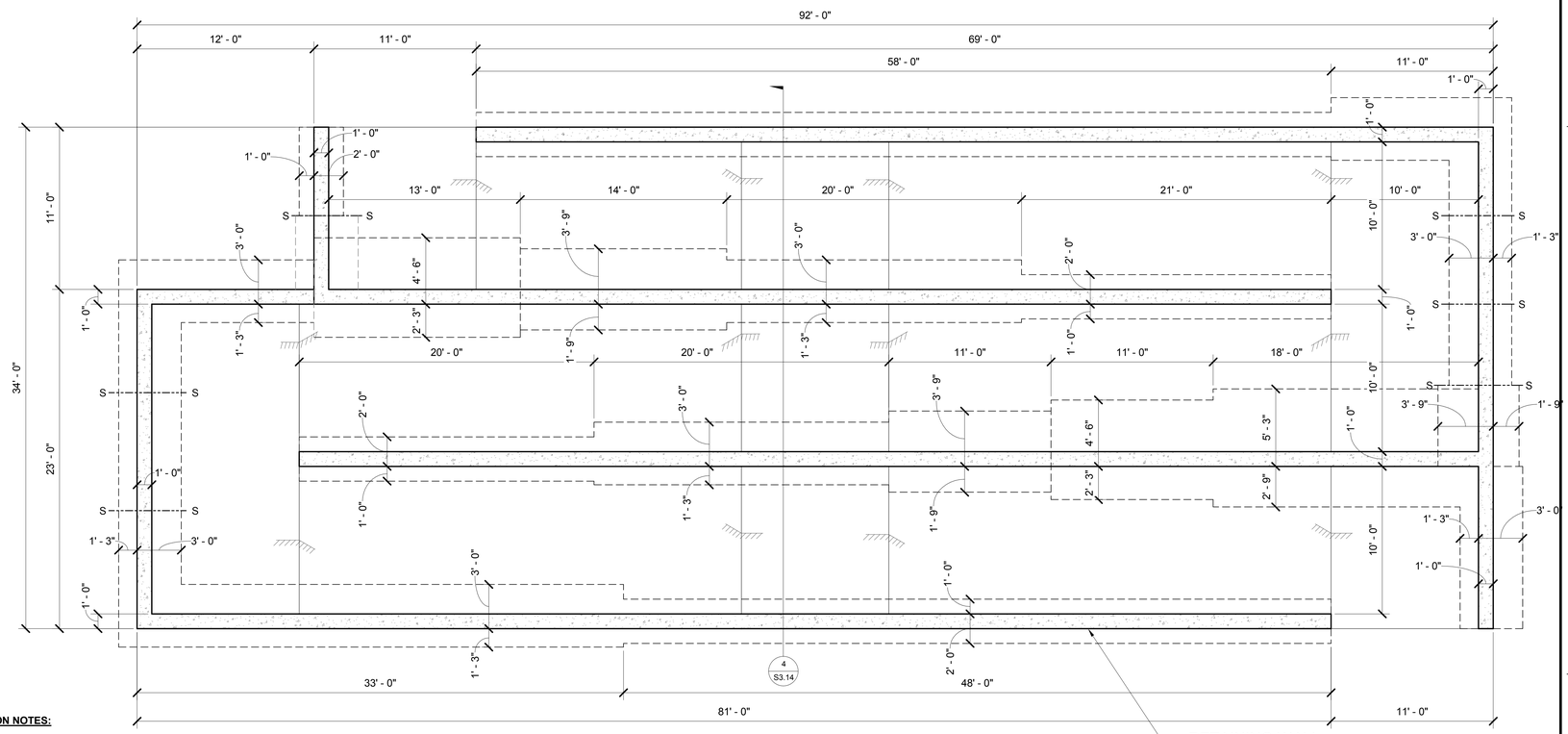
RETAINING WALL SCHEDULE OF DIMENSIONS AND REINFORCEMENT				
DESIGN HEIGHT, H	4'-0"	6'-0"	8'-0"	9'-9"
FOOTING WIDTH, W	3'-0"	4'-3"	5'-6"	6'-9"
FOOTING TOE, C	1'-0"	1'-3"	1'-9"	2'-3"
FOOTING DEPTH, D	1'-2"	1'-2"	1'-2"	1'-4"
BAR 'A'	#5@18"	#5@18"	#5@18"	#5@18"
BAR 'B'	NONE	NONE	#5@18"	#7@18"
BAR 'F'	#5@18"	#5@18"	#7@9"	#7@9"
DIMENSION "L"	-	-	3'-6"	4'-0"
FOOTING KEY, Z	6"	1'-3"	1'-3"	1'-6"

NOTE:

1. THE RETAINING WALLS ARE EXISTING AND THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY FOR REHABILITATION AND DSA CERTIFICATION OF THESE WALLS
2. AT NEW CORES INTO EXISTING WALLS LOCATE ALL EXISTING REINFORCING STEEL USING NON-DESTRUCTIVE METHODS PRIOR TO CORING AND TO NOT CUT OR DAMAGE ANY EXISTING REINFORCING STEEL.

(E) RETAINING WALL SCHEDULE AND SECTION

15 | SCALE: 3/4" = 1'-0" | S3.14

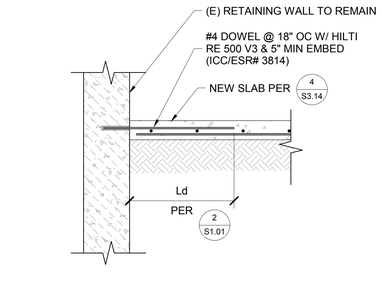


FOUNDATION NOTES:

1. ALL TOP OF FOOTING TO BE -1'-0" FROM TOP OF SLAB UNO
2. S----------S INDICATES APPROXIMATE FOOTING STEP LOCATION
3. ALL DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. (E) RAMP SLAB TO BE REMOVED AND REPLACED. PROVIDE ADEQUATE TEMPORARY SHORING FOR WALL UNTIL (N) SLAB HAS BEEN CONSTRUCTED AND HAS REACHED ITS 28 DAY COMPRESSIVE STRENGTH.
5. DENOTES CHANGE IN SLAB GRADE.

FOUNDATION PLAN

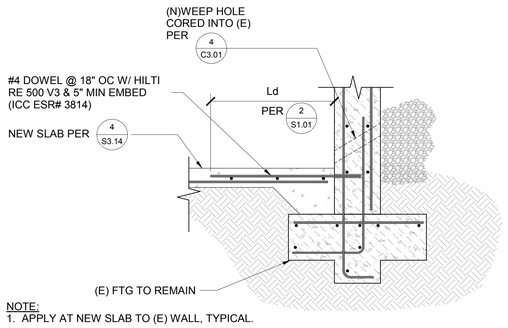
2 | SCALE: 1/4" = 1'-0" | S3.14



NOTE:
APPLY AT NEW SLAB TO (E) WALL. TYPICAL

SLAB DOWEL DETAIL

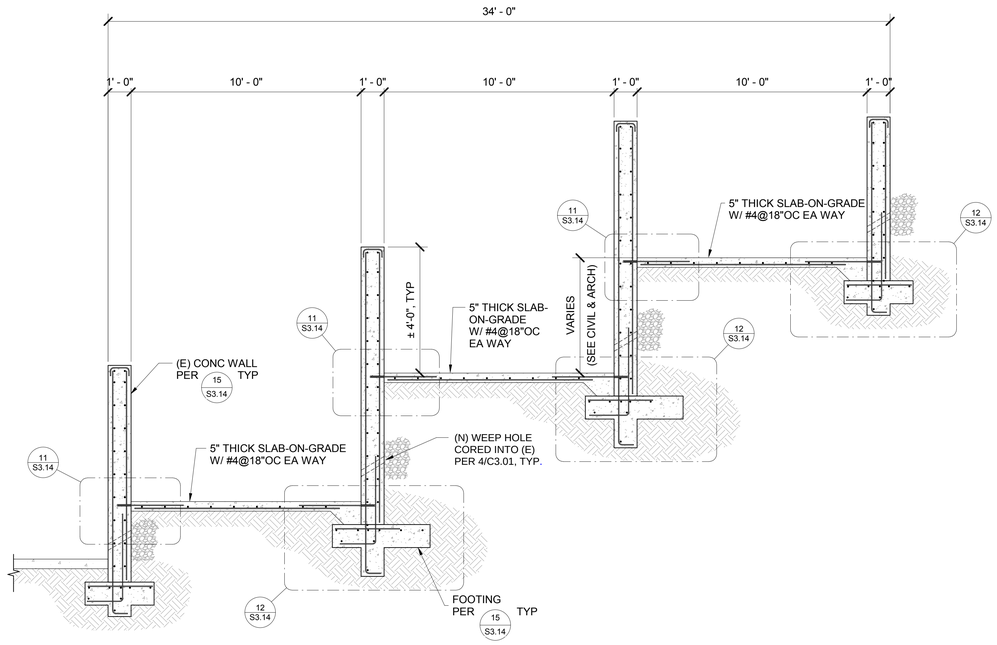
11 | DETAIL ID: | SCALE: NTS | S3.14



NOTE:
1. APPLY AT NEW SLAB TO (E) WALL, TYPICAL.
2. AT NEW CORES INTO EXISTING WALLS. LOCATE ALL EXISTING REINFORCING STEEL USING NON-DESTRUCTIVE METHODS PRIOR TO CORING AND DO NOT CUT OR DAMAGE ANY EXISTING REINFORCING STEEL.

SLAB DOWEL INTO (E) WALL

12 | DETAIL ID: | SCALE: NTS | S3.14



RETAINING WALL SECTION

4 | SCALE: 3/8" = 1'-0" | S3.14

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-120869 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 11/25/2020

REVISIONS

BRANDOW & JOHNSTON
STRUCTURAL & CIVIL ENGINEERS
700 S FLOWER ST #1800, LOS ANGELES, CA 90017
TEL: (213) 596-4500 FAX: (213) 596-4599
JOB #:S19-0231

REGISTERED PROFESSIONAL ENGINEER
KIM CARAVALHO
No. 4896
STATE OF CALIFORNIA
DATE: 11/11/2020
FOR BRANDOW & JOHNSTON

NORWALK LA MIRADA UNIFIED SCHOOL DISTRICT

LA MIRADA HIGH SCHOOL EXISTING RAMP & RETAINING WALLS REHABILITATION PROJECT

13520 ADELFA DRIVE, LA MIRADA, CA, 90638

DSA # 03-120869

NAC ARCHITECTURE
NAC NO. 161-19015
DATE 7/16/2020

DSA SUBMISSION

RETAINING WALL PLANS, SECTIONS AND DETAILS

S3.14

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