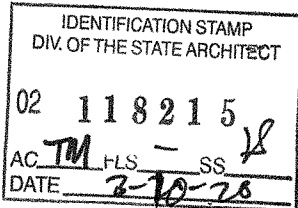


MAYFAIR ELEMENTARY SCHOOL

3305 E. HOME AVE

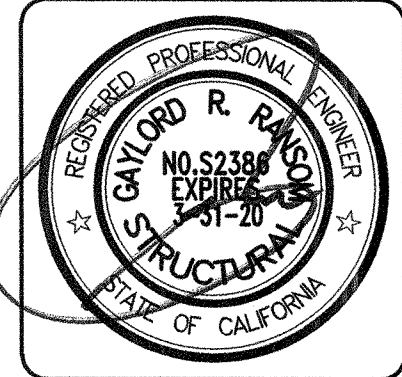
PROJECT NAME: MAYFAIR ELEMENTARY SCHOOL
LOCATION: 3305 E. HOME AVE
FRESNO, CA 93703
PROJECT DESCRIPTION: PROPOSED NEW CMU SITE WALL
SHT. NO. TITLE
C-1 COVER SHEET
SP-1 GENERAL NOTES AND TYPICAL DETAILS
SP-2 DEMO PLAN AND SITE PLAN
SP-2.1 PROPOSED SITE PLAN
SP-2.2 PARTIAL SITE PLAN, PARTIAL ELEVATION, AND DETAILS
PARTIAL ELEVATIONS



DSA APP. 02-118215

ENGINEER
BWY
DRAWN BY
ER
DATE
03/06/2020
REVISIONS

MAYFAIR ELEMENTARY SCHOOL
FRESNO UNIFIED SCHOOL DISTRICT
3305 E. HOME AVE., FRESNO, CA 93703



BROOKS RANSOM ASSOCIATES
CIVIL ENGINEERS - STRUCTURAL ENGINEERS
7415 N. PALM, SUITE 100
FRESNO, CALIFORNIA 93711
TELEPHONE (559) 449-8444

PROJECT NUMBER
19590

SHEET NUMBER
C-1

1 PROJECT INFORMATION

SCALE: N.T.S.

THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE CMU WALL IN ACCORDANCE WITH TITLES 19 AND 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLES 19 AND 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT APPLICABLE CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

CBC CALIFORNIA BUILDING CODE
C.C.R. TITLE 19, CHAPTER 1 (CSFM)
C.C.R. TITLE 24, PART 1, ADMIN. REGULATION, PART 2, CBC AND DSA/SSS

CALIFORNIA CODE OF REGULATIONS (C.C.R.)

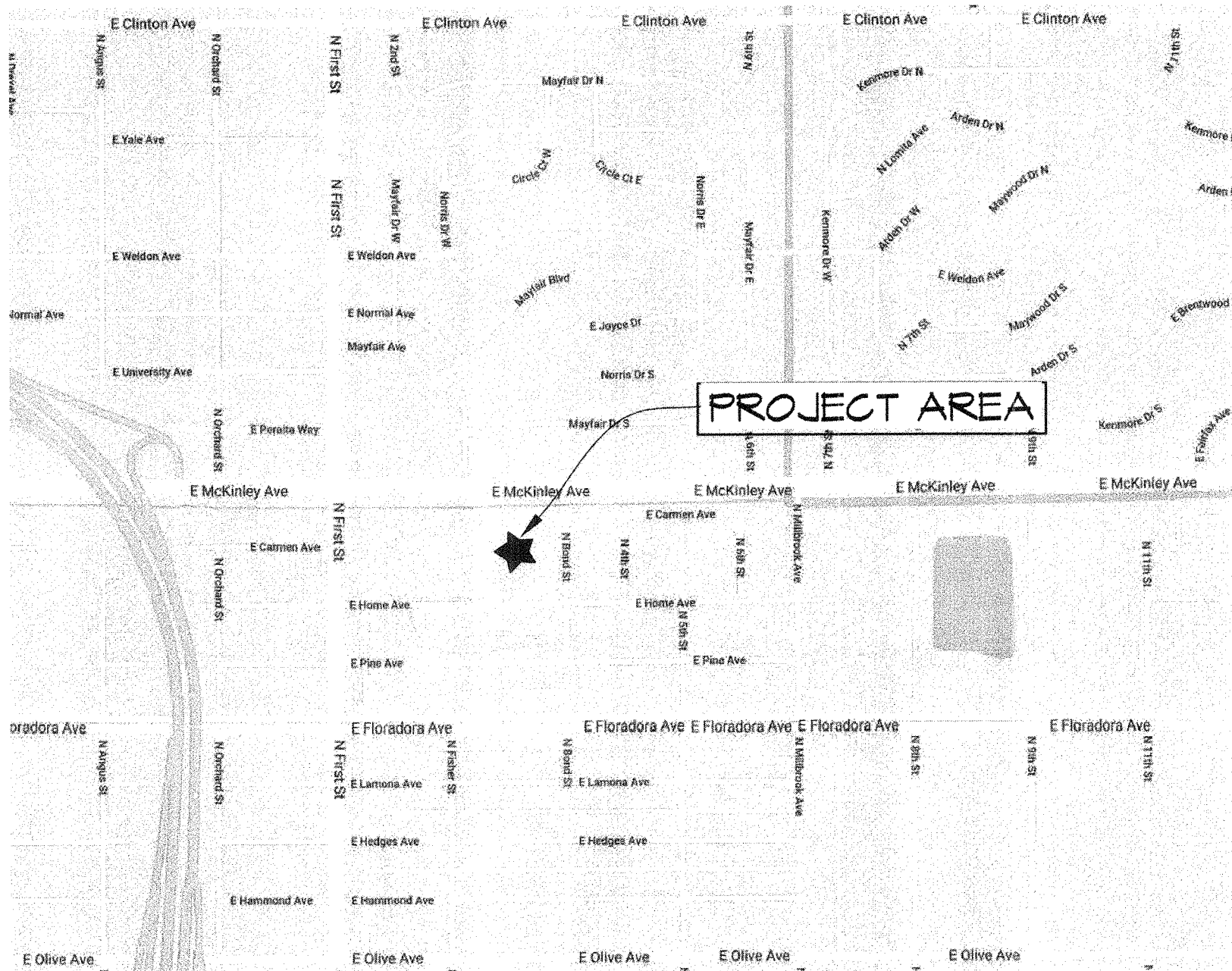
2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
(CCR, TITLE 24, PART 1) EFFECTIVE JANUARY 1, 2020.
2019 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (CCR, TITLE 24, PART 2)
BASED ON 2018 INTERNATIONAL BUILDING CODE.

ENFORCING AGENCIES:

1. DIVISION OF THE STATE ARCHITECT (DSA)

8 CONSULTANTS

SCALE: N.T.S.



9 VICINITY MAP

SCALE: N.T.S.

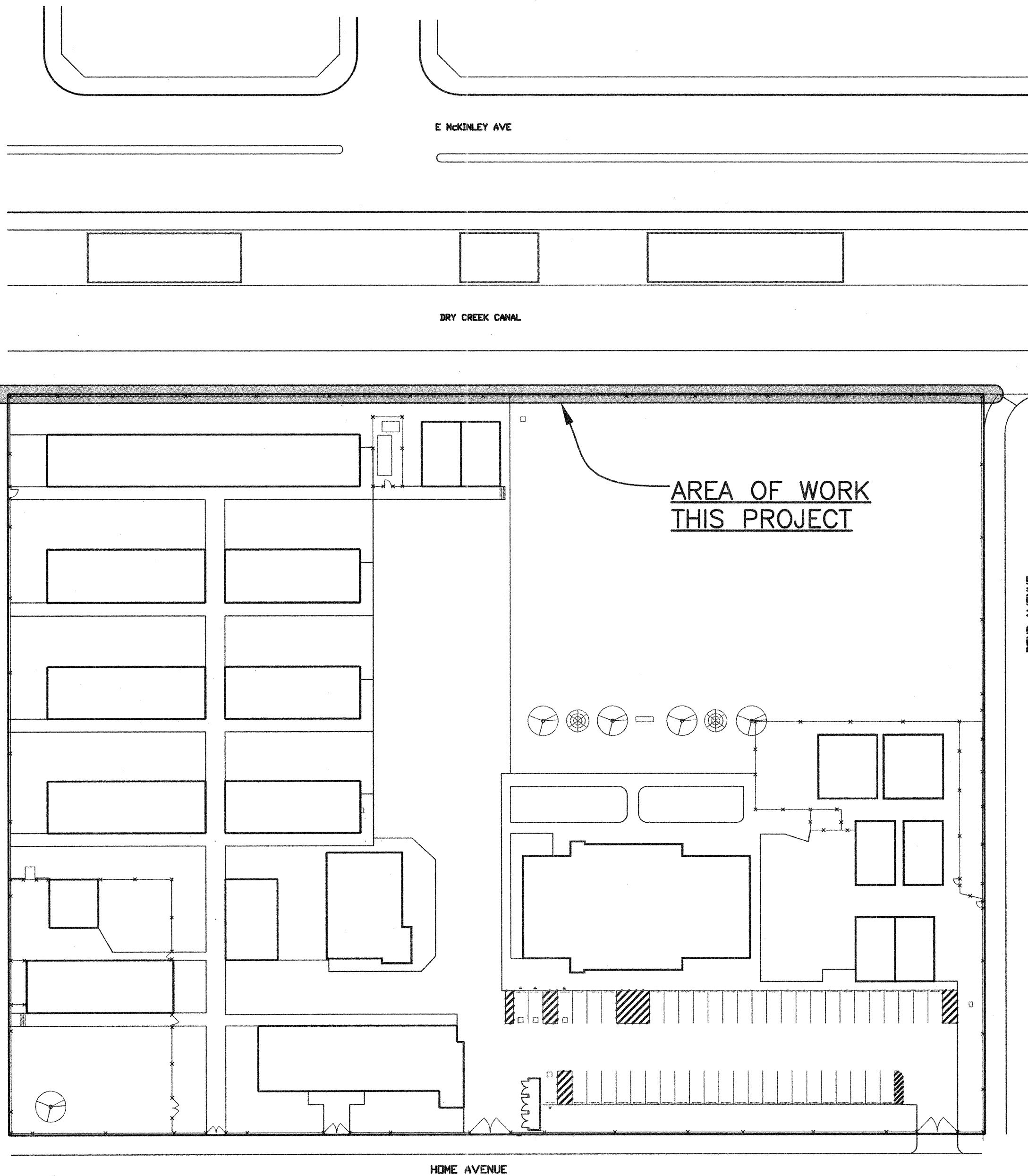
2 APPLICABLE CODES

SCALE: N.T.S.

CODE 2019 CALIFORNIA BUILDING CODE
RISK CATEGORY TYPE III
WALL LOADS DEAD LOAD (CMU, WALL) 84 PSF
WIND LOADS BASIC WIND SPEED, V 105 MPH
WIND DIRECTIONALITY FACTOR, K_d 0.85
TOPOGRAPHIC FACTOR, K_z 1.00
VELOCITY PRESSURE COEFFICIENT, K_t 0.85
GROUND ELEVATION FACTOR, K_e 1.00
VELOCITY PRESSURE, q_s 20.4 PSF
GUST EFFECT FACTOR, G_f 0.85
NET FORCE COEFFICIENT, C_f 1.3
EXPOSURE CATEGORY DESIGN WIND FORCE, F C 22.5 PSF
SEISMIC LOADING CRITERIA SEISMIC IMPORTANCE FACTOR, I 1.25
MAPPED SPECTRAL ACCELERATION, MCE: a. S_s 0.604
b. S₁ 0.232
SPECTRAL RESPONSE COEFFICIENT: a. F_o 1.317
b. F_v 2.196
MAXIMUM CONSIDERED EARTHQUAKE RESPONSE ACCELERATIONS: a. S_{ps} 0.145
b. S_{pi} 0.446
DESIGN SPECTRAL RESPONSE ACCELERATIONS: a. S_{ps} 0.330
b. S_{pi} 0.330
SEISMIC DESIGN CATEGORY SEISMIC DESIGN FORCE, F_p D 0.318 *F_p
SOILS ALLOWABLE BEARING PRESSURE 1500 PSF
LATERAL BEARING PRESSURE 100 PSF

3 DESIGN CRITERIA

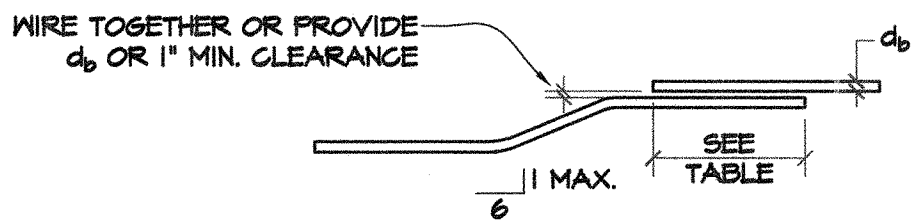
SCALE: N.T.S.



12 SITE PLAN

SCALE: N.T.S.

LAP LENGTH										
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	
BOTTOM BAR	16"	24"	36"	48"	62"	72"	81"	91"	101"	
TOP BAR	21"	30"	47"	56"	81"	94"	105"	118"	131"	



- NOTES:
- SPLICES ARE SHOWN IN INCHES AND SHALL CONFORM TO CLASS "B" SPLICES AS PER A.C.I. 318-14, FOR 3000 PSI CONCRETE.
 - SPLICE LENGTHS ASSUME THE MODIFICATION FACTORS OF A.C.I. 318-14 SECTIONS 25.1.1 ARE 1.0. FOR OTHER CONDITIONS PROVIDE SPLICE LENGTHS IN ACCORDANCE WITH A.C.I. 318-14.
 - USE THE SPLICE LENGTH GIVEN FOR TOP BARS WHEN MORE THAN 12" OF CONCRETE IS CAST BELOW HORIZONTAL BARS IN THE MEMBER. USE THE SPLICE LENGTH GIVEN FOR BOTTOM BARS FOR ALL OTHER CONDITIONS.

10 LAP SPLICE SCHEDULE

FOR CONCRETE SCALE: N.T.S.

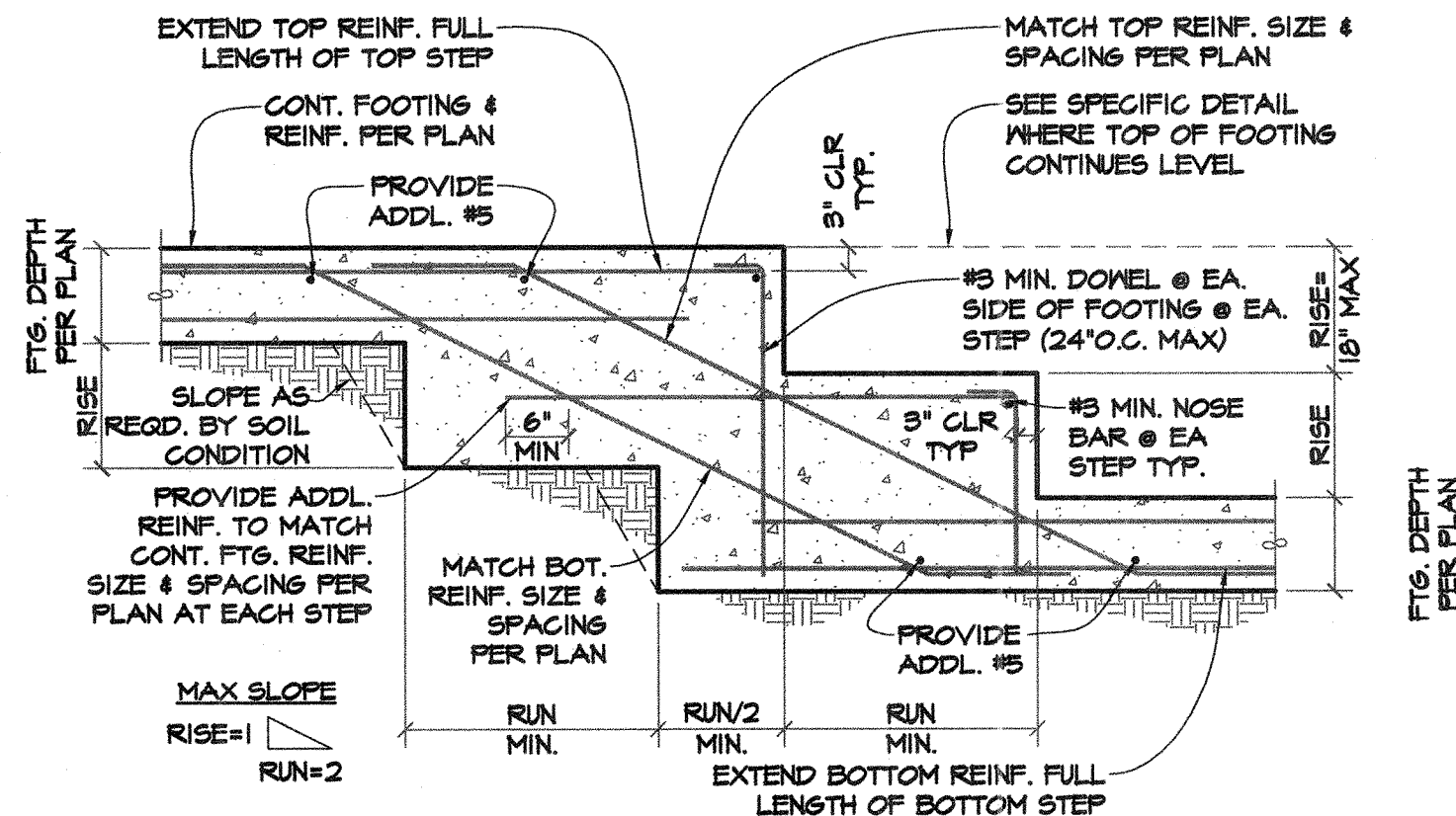
- EPOXY SHALL BE SIMPSON SET XP ADHESIVE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC., 5456 WEST LAS POSITAS BLVD., PLEASANTON, CALIFORNIA, 94588. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND I.C.C. REPORT NO. ESR-1172.
- ALLOWABLE TENSION VALUES SHALL BE AS FOLLOWS:

BAR SIZE	BOLT SIZE	MIN. EMBEDMENT	MIN. EDGE DIST./ MIN. SPACING	TENSION LOADS (POUNDS)
#4	1/2"	4 1/4"	17"	1300
#5	5/8"	5"	20"	1645
#6	3/4"	6 3/4"	27"	3130

- PLACEMENT GUIDELINES FOR ABOVE VALUES IN ITEM 2 REQUIRE THE FOLLOWING CONDITIONS:
 - TABLE VALUES ARE BASED ON $f_m = 1500$ PSI/GROUT = 2000 PSI
 - MAXIMUM LONG TERM TEMPS OF 110° F OR LESS
 - DRILL BIT DIAMETER EQUALS $d_b + 1/8"$
 - BOLT/BAR INSTALLATION @ FACE OF FULLY GROUTED CMU
 - HOLES SHALL BE CLEANED ACCORDING TO ICC REPORT NO. ESR-1172
- WHEN INSTALLING EPOXIED REBAR/BOLTS IN EXISTING FULLY GROUTED CMU MASONRY, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE-INCH BETWEEN THE EXISTING REINFORCEMENT AND THE EPOXIED REBAR/BOLT.
- ANY REBAR/BOLTS SHOWN ON THE APPROVED PLANS AS BEING EPOXIED REQUIRES SPECIAL INSPECTION IN ACCORDANCE WITH SECTION 4.4 IN THE I.C.C. REPORT. SPECIAL INSPECTION SHALL BE BY AN APPROVED TESTING AND INSPECTION AGENCY. ANY ITEMS THAT REQUIRE EPOXY BUT ARE NOT SPECIFICALLY SHOWN AS BEING EPOXIED ON THE APPROVED PLANS MUST BE APPROVED BY THE STRUCTURAL ENGINEER AND D.S.A./O.S.H.P.D. PRIOR TO INSTALLATION.

11 SIMPSON SET XP EPOXY NOTES

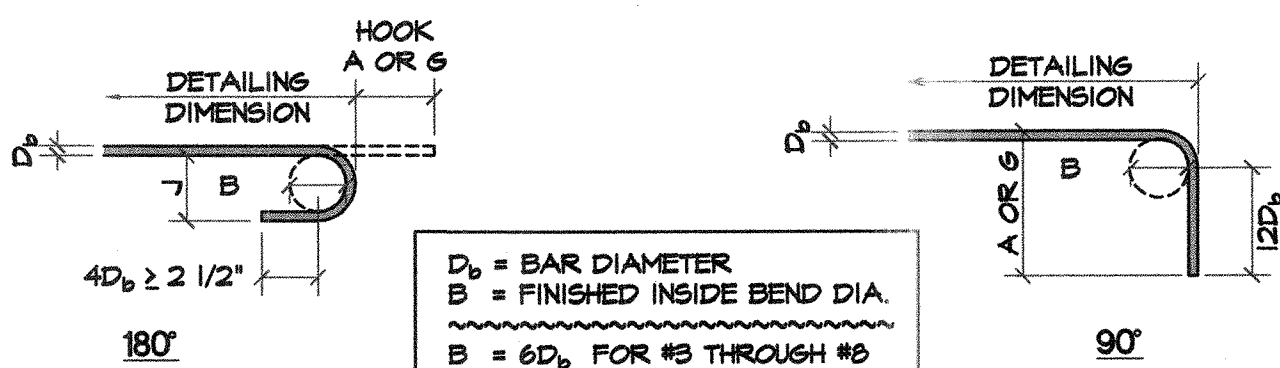
IN FULLY GROUTED CMU SCALE: N.T.S.



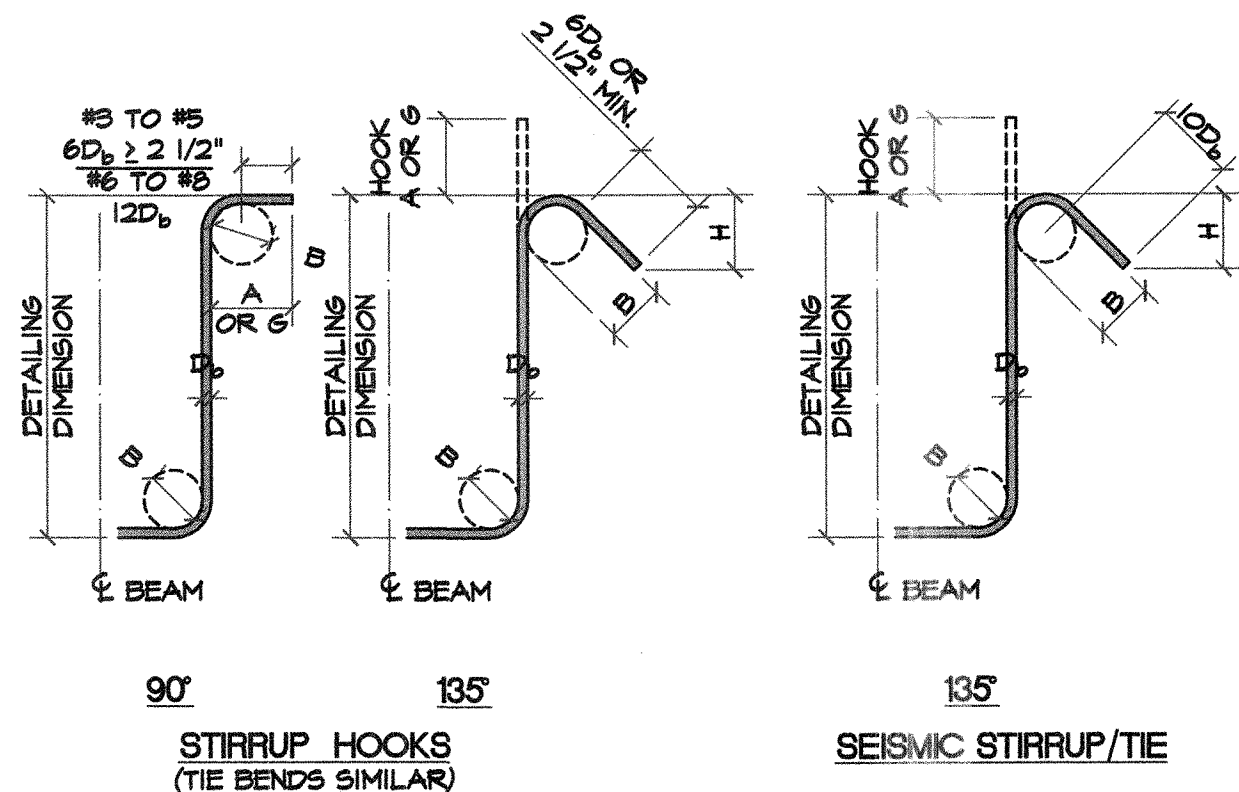
- NOTES:
- THE MAX. ALLOWABLE FTG. RISE = 16" & SLOPE = 1:2 U.N.O. IN THE SOILS REPORT.
 - FOR FOOTINGS WITHOUT EITHER BOTTOM OR TOP REINFORCEMENT, PROVIDE #5 @ 12" O.C. (2 MIN), TOP & BOTTOM IN AREA OF STEPPED FOOTING.
 - PROVIDE A MIN. LAP SPLICE FOR ALL DIAGONAL REINF. INTO CONT. FOOTING BEYOND STEPPED AREA. SEE TYP. LAP SPLICE DETL. FOR ADDL. INFO.
 - PROVIDE STIRRUPS IN SLOPED FOOTING SECTION IF STIRRUPS ARE REQUIRED IN TYPICAL CONT. FOOTING SECTION. SEE PLAN FOR ADDL. INFORMATION.

12 STEPPED FOOTING

SCALE: N.T.S.



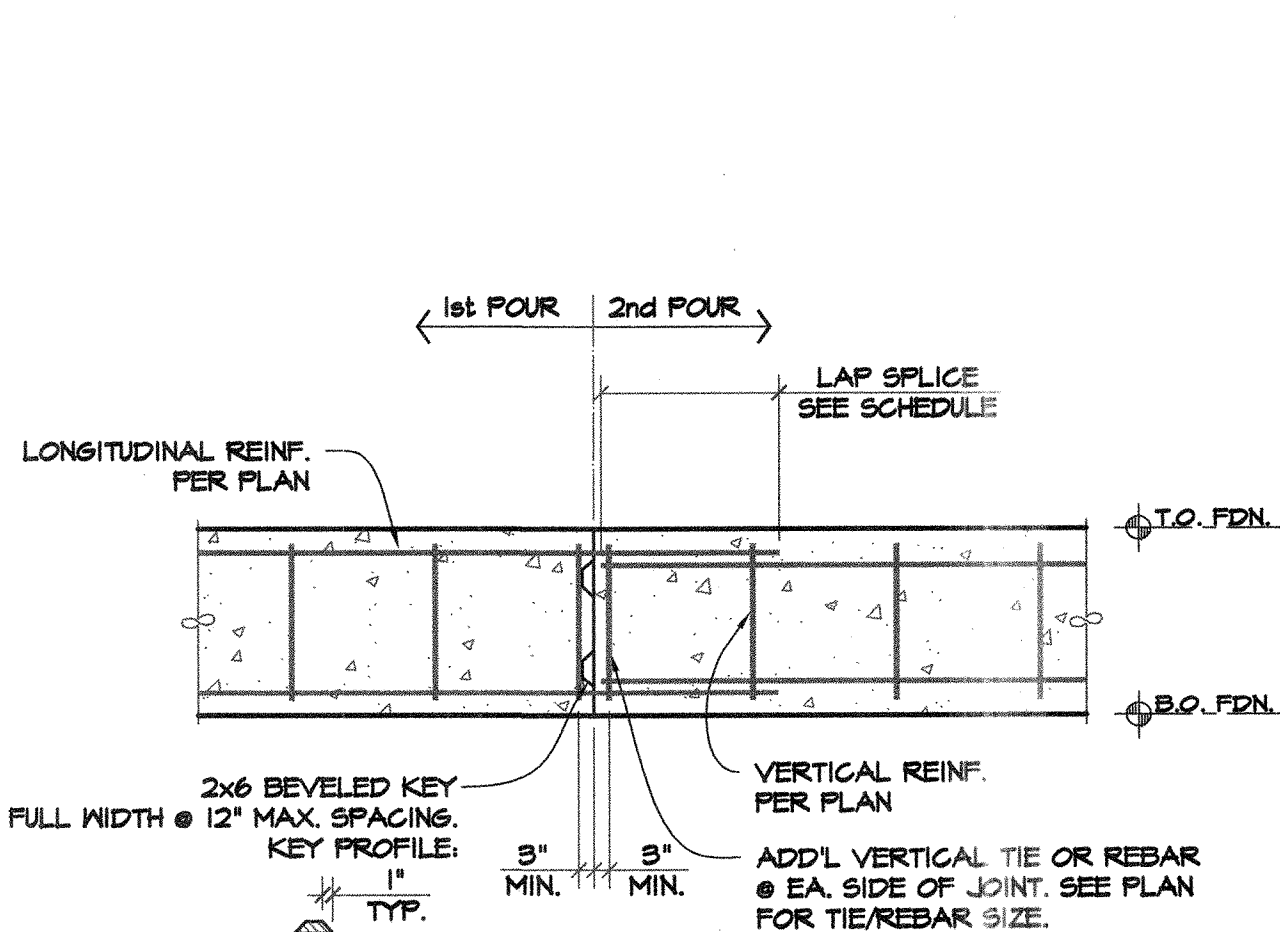
DIMENSION OF STD. 180° HOOKS, ALL GRADES				DIMENSION OF STD. 90° HOOKS, ALL GRADES	
BAR SIZE	A OR G	J	B	A OR G	B
#3	5"	3"	2 1/4"	6"	2 1/4"
#4	6"	4"	3	8"	3
#5	7"	5"	3 3/4"	10"	3 3/4"
#6	8"	6"	4 1/2"	11-0"	4 1/2"
#7	10"	7"	5 1/4"	11-2"	5 1/4"
#8	11"	8"	6"	11-4"	6"
#9	11-5"	11 3/4"	9 1/2"	11-7"	9 1/2"
#10	11-5"	11 1/4"	10 3/4"	11-10"	10 3/4"
#11	11-7"	11-2 3/4"	12"	12-0"	12"
#14	21-3"	11-4 3/4"	18 1/4"	21-7"	18 1/4"
#16	31-0"	21-4 1/2"	24"	31-5"	24"



BAR SIZE	B	90°		135°		135° SEISMIC HOOK	
		A OR G	APPROX. H	A OR G	APPROX. H	A OR G	APPROX. H
#3	1 1/2"	4"	4"	2 1/2"	3"	4 1/2"	3"
#4	2"	4 1/2"	5"	3"	4 1/2"	5"	4 1/2"
#5	2 1/2"	6"	5 1/2"	3 3/4"	5 1/2"	5 3/4"	5 1/2"
#6	4 1/2"	11-0"	8"	4 1/2"	8"	4 1/2"	8"
#7	5 1/4"	11-2"	9"	5 1/4"	9"	5 1/4"	9"
#8	6"	11-4"	10 1/2"	6"	10 1/2"	6"	10 1/2"

8 STANDARD REBAR HOOKS

SCALE: N.T.S.



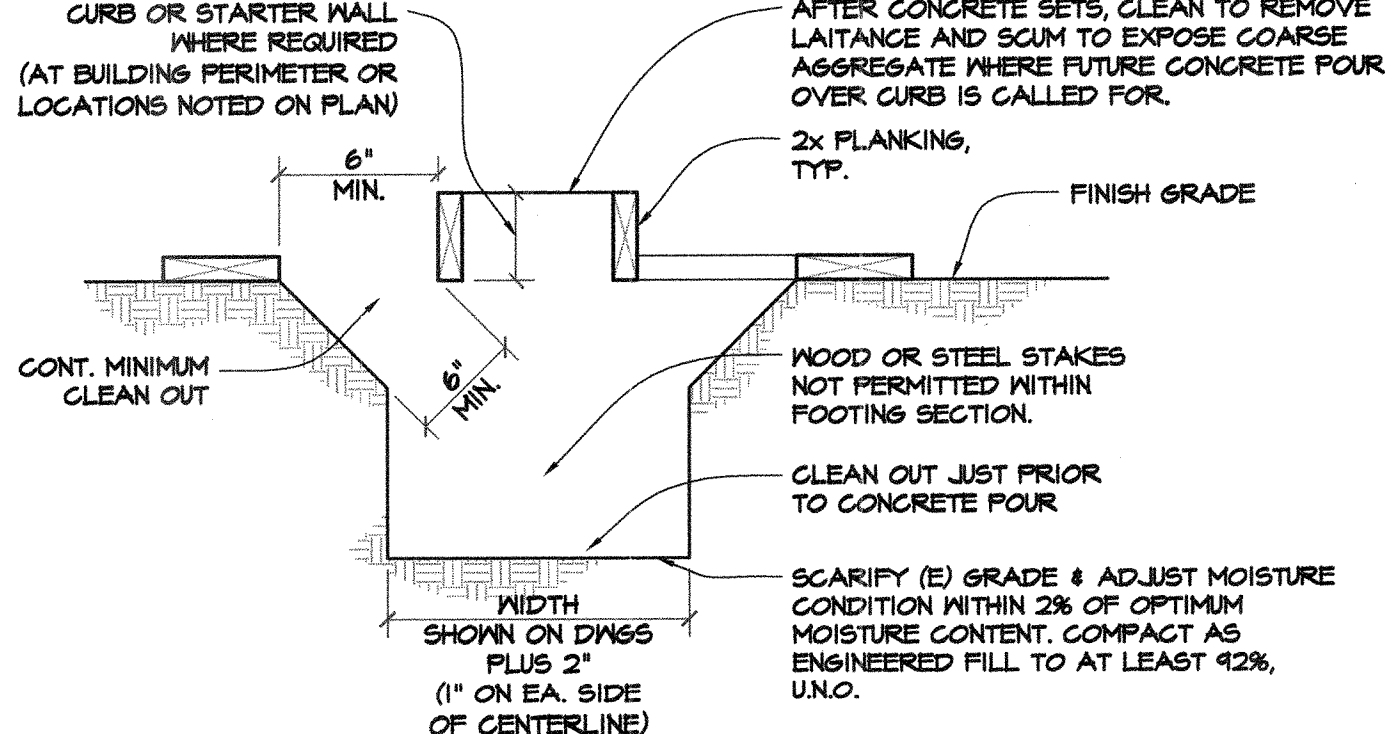
9 CONCRETE FOOTING JOINT

SCALE: N.T.S.

- CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT, TYPE "N" AS SET FORTH IN A.S.T.M. C40. THE FOLLOWING MINIMUM STRENGTH FOR TYPE I, MOISTURE CONTROLLED UNITS SHALL BE:
 - 8" CMU $f_m = 2000$ PSI
- SEE ARCHITECTURAL DRAWINGS FOR COLOR & SURFACE TREATMENT OF EXPOSED CMU UNITS.
- MASONRY, EXCEPT MASONRY VENEER, SHALL BE CONSTRUCTED WITHIN THE TOLERANCES SPECIFIED IN A.C.I. 530.1/A.S.C.E. 6/T.M.S. 602.
- MASONRY UNITS SHALL BE LAID IN RUNNING BOND, U.N.O.
- MORTAR SHALL CONFORM TO A.S.T.M. C270 AND BE TYPE "S" WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS WITH MORTAR PROPORTIONS PER A.S.T.M. C270 TABLE 1. LIME SHALL BE THE LAST MATERIAL ADDED TO THE MIXER.
- GROUT SHALL CONFORM TO A.S.T.M. C476 OR C.B.C. TABLE 2103A.12, AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS. THE WATER CONTENT EXPRESSED ON A SATURATED SURFACE-DAY BASIS SHALL NOT EXCEED 0.7 TIMES THE WEIGHT OF CEMENT. AGGREGATE FOR GROUT SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN A.S.T.M. C404.
- GROUT SHOULD BE RUDDLED OR TAMPED WITH A 5/8" ROD OR A 1"x2" STICK AS IT IS PLACED.
- ALL CELLS SHALL BE GROUTED SOLID BY EITHER A LOW LIFT (4'-0" MAX.) OR HIGH-LIFT GROUTING METHOD. LOW-LIFT GROUTED CONSTRUCTION MUST COMPLY WITH THE REQUIREMENTS OF C.B.C. 2104A.1.3.1.1.1.1 HIGH-LIFT GROUTED CONSTRUCTION MUST HAVE THE APPROVAL OF THE STRUCTURAL ENGINEER AND D.S.A./O.S.H.P.D., AND MUST COMPLY WITH THE REQUIREMENTS OF C.B.C. 2104A.1.3.1.1.2. IN EITHER GROUTING METHOD, THE GENERAL CONDITIONS OF C.B.C. 2104A.1.3 ALSO APPLY.
- GROUTING OF BEAMS OVER OPENINGS SHALL BE DONE IN CONTINUOUS OPERATION WITH A MINIMUM 12" SEAT AT EACH END UNLESS PLACED IN TOTAL WITH WALL GROUTING. ALL WALL OPENINGS SHALL BE SHORED FOR A MINIMUM OF 28 DAYS AFTER COMPLETION OF GROUTING, U.N.O.
- ALL REINFORCING SHALL CONFORM TO A.S.T.M. A615 AND SHALL BE GRADE 40 FOR #8 BAR, GRADE 60 FOR #4 BAR AND LARGER.
- ALL WELDING OF REINFORCING STEEL SHALL BE WITH LOW HYDROGEN ELECTRODES U.N.O. WELDING OF REINFORCING SHALL BE ALLOWED ONLY WHERE DETAILED ON DRAWINGS. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS AWS D1.4. WELDING SHALL NOT BE DONE WITHIN TWO BAR DIAMETERS OF ANY BENT PORTION OF A BAR WHICH HAS BEEN BENT COLD. WELDING OF CROSSING BARS SHALL NOT BE PERMITTED FOR ASSEMBLY OF REINFORCEMENT UNLESS AUTHORIZED BY THE STRUCTURAL ENGINEER OF RECORD. A.S.T.M. A706 REINFORCING SHALL BE USED FOR ALL REINFORCING THAT IS BEING WELDED.
- VERTICAL REINFORCING SHALL BE CENTERED IN WALL, U.N.O., AND PLACED IN OPEN ENDS BEFORE BLOCK WORK BEGINS. VERTICAL REINFORCING SHALL BE HELD IN POSITION AT TOP, BOTTOM AND AT INTERVALS NOT EXCEEDING 142 BAR DIAMETERS.
- HORIZONTAL REINFORCING SHALL BE LAID IN BOND BEAM UNITS AND SECURELY WIRED TO THE VERTICAL REINFORCING.
- DOWNELS IN ALL FOUNDATIONS SHALL HAVE THE SAME LOCATION, SIZE, AND SPACING AS THE VERTICAL MASONRY REINFORCING.
- PROVIDE CLEANOUT OPENINGS FOR ALL WALLS AT THE BOTTOM OF EACH FOUR IN ACCORDANCE WITH C.B.C. 2014 REQUIREMENTS FOR HIGH LIFT GROUTING.
- ANCHOR BOLTS MUST BE SET WITH TEMPLATES AND HELD IN PLACE PRIOR TO GROUTING. PROVIDE AT LEAST 1" OF GROUT BETWEEN THE HEAD OF THE ANCHOR BOLT AND THE INSIDE FACE OF MASONRY SHELL.
- ALL ANCHOR BOLTS SHALL BE HEX-HEADED U.N.O.
- PLACEMENT OF REINFORCEMENT REQUIREMENTS:
 - THE CLEAR DISTANCE BETWEEN PARALLEL BARS SHALL NOT BE LESS THAN THE NOMINAL DIAMETER OF THE BAR, NOR LESS THAN 1"
 - IN COLUMNS AND PILASTERS, THE CLEAR DISTANCE BETWEEN VERTICAL BARS SHALL NOT BE LESS THAN 1.5 TIMES THE NOMINAL BAR DIAMETER, NOR LESS THAN 1 1/2"
 - REINFORCEMENT EMBEDDED IN GROUT SHALL HAVE A THICKNESS OF GROUT BETWEEN THE REINFORCEMENT AND MASONRY UNIT NOT LESS THAN 1/2"
- REINFORCING BARS SHALL HAVE A MASONRY COVER NOT LESS THAN THE FOLLOWING:
 - MASONRY FACE EXPOSED TO EARTH OR WEATHER: 2" FOR #6 & GREATER BARS, 1 1/2" FOR #5 & SMALLER BARS.
 - MASONRY NOT EXPOSED TO EARTH OR WEATHER: 1 1/2" FOR ALL BAR SIZES.

5 MASONRY NOTES

SCALE: N.T.S.



- NOTES:
- FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THAT FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE ARCHITECT, OR STRUCTURAL ENGINEER, SUBJECT TO THE APPROVAL OF THE D.S.A./O.S.H.P.D. IN SUCH CASE, THE MINIMUM FORM WORK SHOWN ABOVE IS MANDATORY TO INSURE CLEAN EXCAVATIONS IMMEDIATELY PRIOR TO, AND DURING, THE PLACING OF CONCRETE.
 - FORMWORK NOT PERMITTED BELOW GRADE UNLESS FULLY FORMED.

6 REQUIRED CONT. FTG. FORM WORK

SCALE: N.T.S.

- FOUNDATIONS SHALL BEAR ON ENGINEERED FILL OR NATIVE SOIL A MINIMUM OF 18" BELOW ADJACENT GRADE OR FINISHED GRADE, U.N.O.
- MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS:
 - FOOTINGS: 1 1/2"
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS:
 - 3000 PSI NORMAL HEIGHT FOOTINGS
- MAXIMUM WATER CEMENT RATIOS SHALL BE AS FOLLOWS:
 - FOOTINGS: 0.58
- THE FOLLOWING ARE MINIMUM CONCRETE COVER DIMENSIONS PER ACI 318-14 SECTION 20.6.1. THEY ARE FROM FACE OF REINFORCING STEEL TO FACE OF CONCRETE.
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:
 - CONCRETE EXPOSED TO EARTH OR WEATHER: (NO. 6 THROUGH NO. 18) 2"
 - (NO. 5 AND SMALLER) 1 1/2"
 - PLACE REINF. AT MID-THICKNESS FOR SLABS ON GRADE.
- CONSTRUCTION LOADS SHALL NOT BE PLACED ON NEW CONCRETE CONSTRUCTION FOR AT LEAST 7 DAYS AFTER CONCRETE PLACEMENT OR WITH APPROVAL BY ENGINEER.
- ALL SPLICES IN CONTINUOUS REINFORCEMENT USED IN WALLS, FOOTINGS, ETC. SHALL HAVE A MINIMUM LAP AS DESCRIBED IN THE TYPICAL LAP SPLICE SCHEDULE 10/- DETAIL. SPLICES IN ADJACENT BARS SHALL NOT BE LESS THAN 4'-0" APART. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES. BARS MAY BE WIRED TOGETHER AT SPLICES OR LAPPED EXCEPT FOR TOP REINF. OF BEAM AND SLABS, OR WHERE SPECIFICALLY DETAILED TO BE SEPARATED.
- ALL REINFORCEMENT CROSSING CONSTRUCTION JOINTS SHALL BE CONTINUOUS, OR SHALL BE MADE EFFECTIVELY CONTINUOUS BY USE OF FULLY DEVELOPED LAP SPLICES, DOWNELS (WITH LAPPED SPLICES) OR APPROVED COUPLERS.
- HORIZONTAL CONSTRUCTION JOINTS SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED.
- CONCRETE SHALL NOT BE DROPPED THROUGH REINF. STEEL (AS IN WALL) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET AND A SUFFICIENT NUMBER OF CHUTES AND TRUNKS SHALL BE USED TO ENSURE THE CONCRETE REMAINS LEVEL AT ALL TIMES.
- ALL STEEL COLUMN BASE PLATES AND STEEL BEAMS BEARING ON CONCRETE SHALL BEAR UPON 1 1/2" OF NON-SHRINK, 3,000 PSI MIN. GROUT PADS AND LEVELING NUTS, U.N.O.
- CONTRACTOR SHALL SUBMIT PROPOSED POUR SCHEDULE FOR ENGINEER'S APPROVAL PRIOR TO THE FORMING OR POURING OF ANY CONCRETE WORK.
- PROVIDE 5/4" CHAMFER AT EXPOSED EDGES OF CONCRETE BEAMS, COLUMNS AND WALLS UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL FURNISH AND INSTALL 1/2" PRE-MOLDED EXPANSION JOINTS IN ALL EXTERIOR WALLS AND SLABS AS INDICATED ON DRAWINGS, BUT IN NO CASE MORE THAN 24'-0" O.C.
- ALL REINFORCING SHALL CONFORM TO A.S.T.M. A615 AND SHALL BE GRADE 40 FOR #8, GRADE 60 FOR #4 AND LARGER.
- ALL WELDING OF REINFORCING STEEL SHALL BE WITH LOW HYDROGEN ELECTRODES U.N.O. WELDING OF REINFORCING SHALL BE ALLOWED ONLY WHERE DETAILED ON DRAWINGS. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS AWS D1.4. WELDING SHALL NOT BE DONE WITHIN TWO BAR DIAMETERS OF ANY BENT PORTION OF A BAR WHICH HAS BEEN BENT COLD. WELDING OF CROSSING BARS SHALL NOT BE PERMITTED FOR ASSEMBLY OF REINFORCEMENT UNLESS AUTHORIZED BY THE STRUCTURAL ENGINEER OF RECORD. A.S.T.M. A706 REINFORCING SHALL BE USED FOR ALL REINFORCING THAT IS BEING WELDED.

2 FOUNDATION AND CONC. NOTES

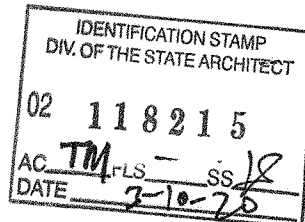
SCALE: N.T.S.

	-STEEL		-NATIVE SOIL
	-MASONRY		-ENGINEERED FILL
	-AGGREGATE		-GROUT
	-WOOD BLOCK		-CONCRETE
	-CONTINUOUS WOOD MEMBER		

DETAIL NUMBER		-DETAIL
SHEET NUMBER		-SECTION
SECTION NUMBER		-ELEVATION
SHEET NUMBER		-ELEVATION

3 LEGEND AND SYMBOLS

SCALE: N.T.S.



DSA APP. 02-118215

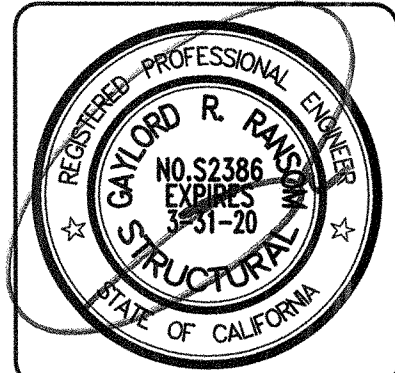
ENGINEER
BWY

DRAWN BY
ER

DATE
03/06/2020

REVISIONS

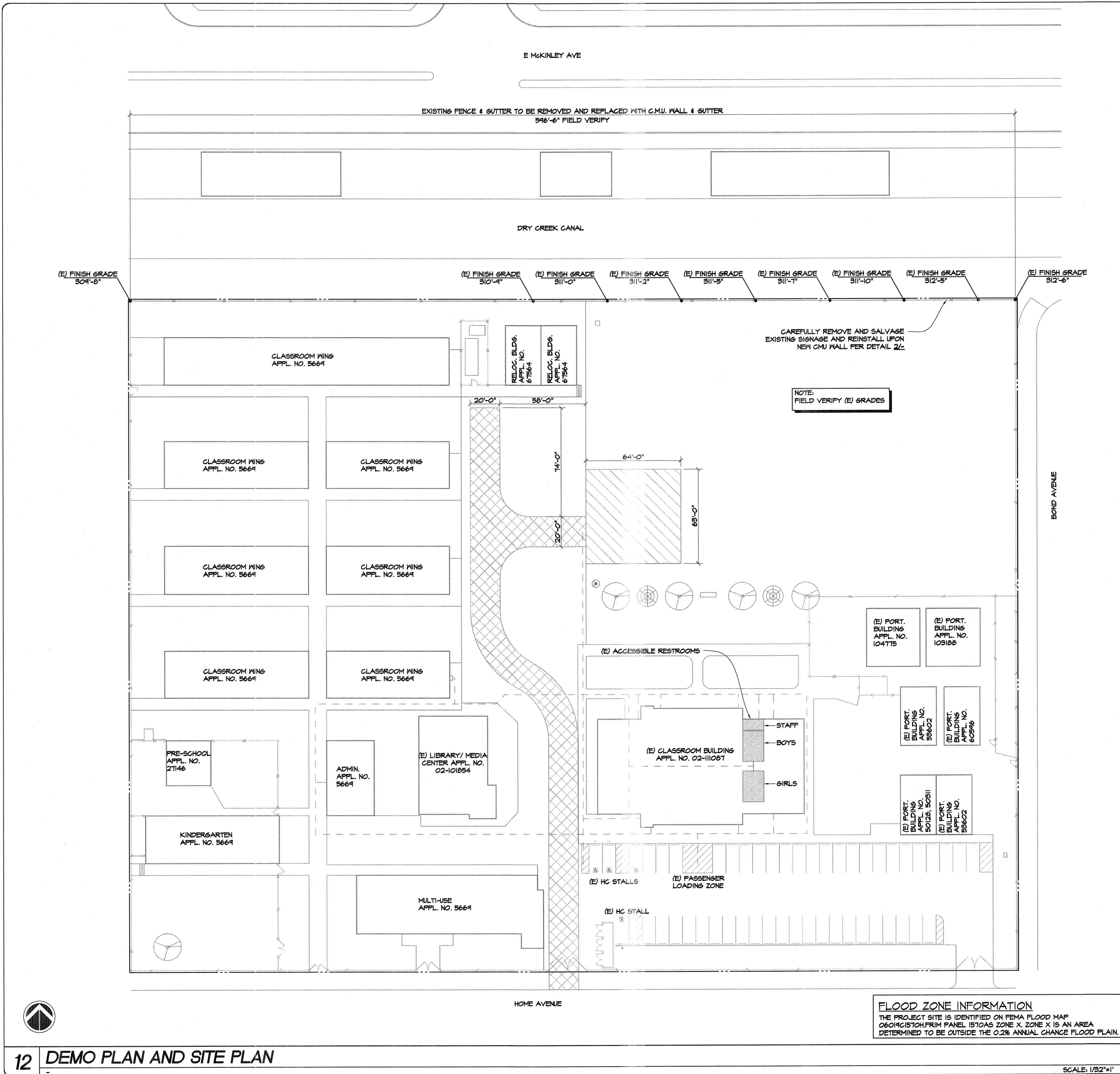
MAYFAIR ELEMENTARY SCHOOL
FRESNO UNIFIED SCHOOL DISTRICT
3305 E. HOME AVE., FRESNO, CA 93703



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7415 N. PALM, SUITE 100
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TELEPHONE (559) 449-8444

PROJECT NUMBER
19590

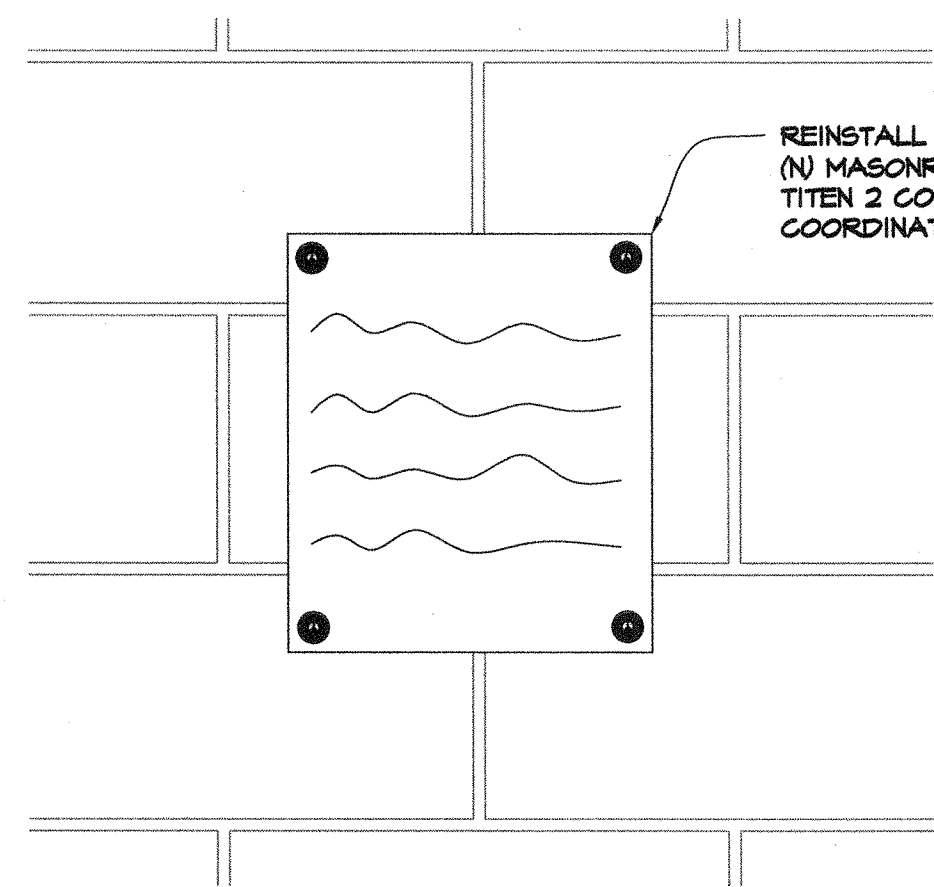
SHEET NUMBER
S-1



- PROPERTY LINE
- (E) CHAINLINK FENCE
- (E) ACCESSIBLE PATH OF TRAVEL
ENTIRE CAMPUS IS ACCESSIBLE. ALL EXTERIOR WALKS AND DOORS
COMPLY WITH THE REQUIREMENTS FOR THE ACCESSIBLE P.O.T.
- (E) FIRE ACCESS LANE APPL. NO. 02-111087
- (E) SAFE DISPERSAL AREA APPL. NO. 02-111087
- (E) FIRE HYDRANT
- (E) TREE TO REMAIN

1 LEGEND

SCALE: N.T.S.



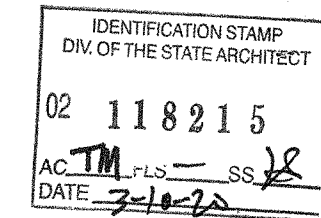
2 SIGN ANCHORAGE DETAIL

SCALE: 2" = 1'-0"

FLOOD ZONE INFORMATION
THE PROJECT SITE IS IDENTIFIED ON FEMA FLOOD MAP
06019C1510H FROM PANEL 1510AS ZONE X. ZONE X IS AN AREA
DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN.

3 NOT USED

SCALE: N.T.S.



DSA APP. 02-118215

ENGINEER
BWY

DRAWN BY
ER

DATE
03/06/2020

REVISIONS

MAYFAIR ELEMENTARY SCHOOL
FRESNO UNIFIED SCHOOL DISTRICT
3305 E. HOME AVE., FRESNO, CA 93703

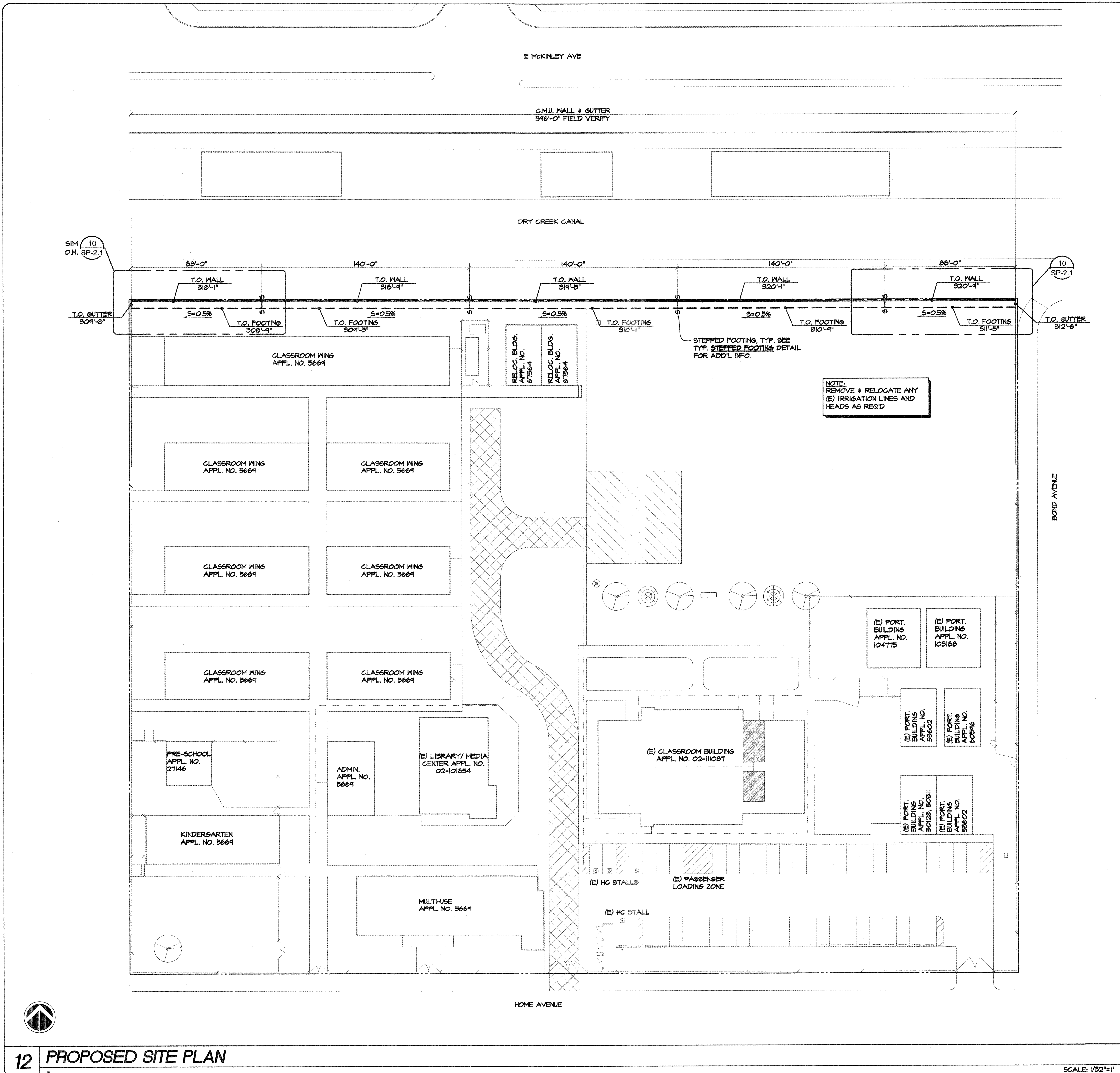


BROOKS RANSOM ASSOCIATES
CIVIL ENGINEERS - STRUCTURAL ENGINEERS
7415 N. PALM, SUITE 100
FRESNO, CALIFORNIA 93711
TELEPHONE (559) 449-8444

PROJECT NUMBER
19590

SHEET NUMBER
SP-1



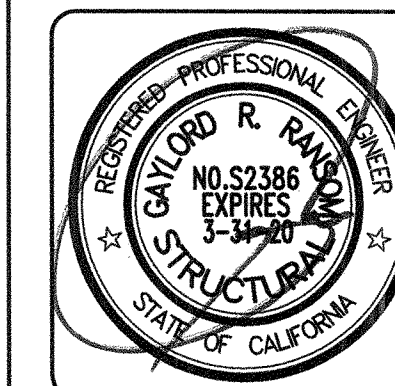


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 118215
AC TM
DATE 7-10-20

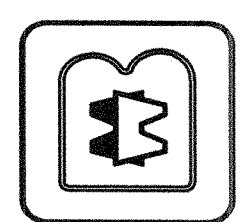
DSA APP. 02-118215

ENGINEER
BMY
DRAWN BY
ER
DATE
03/06/2020
REVISIONS

MAYFAIR ELEMENTARY SCHOOL
FRESNO UNIFIED SCHOOL DISTRICT
3305 E. HOME AVE., FRESNO, CA 93703



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PROJECT NUMBER
19590

SHEET NUMBER
SP-2

1 NOT USED

SCALE: N.T.S.

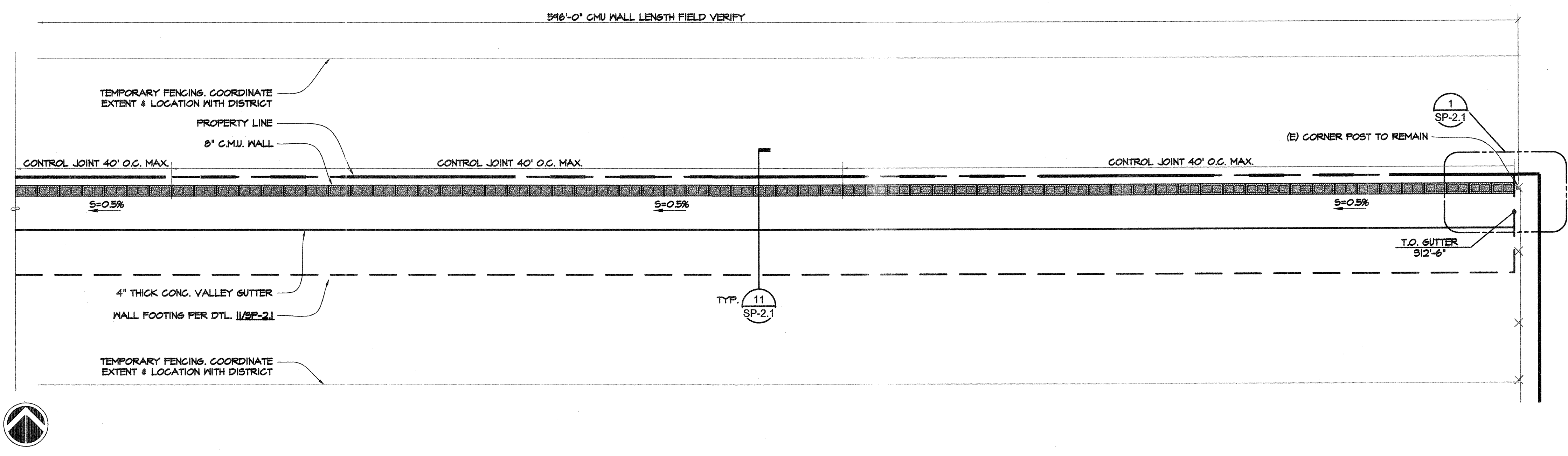
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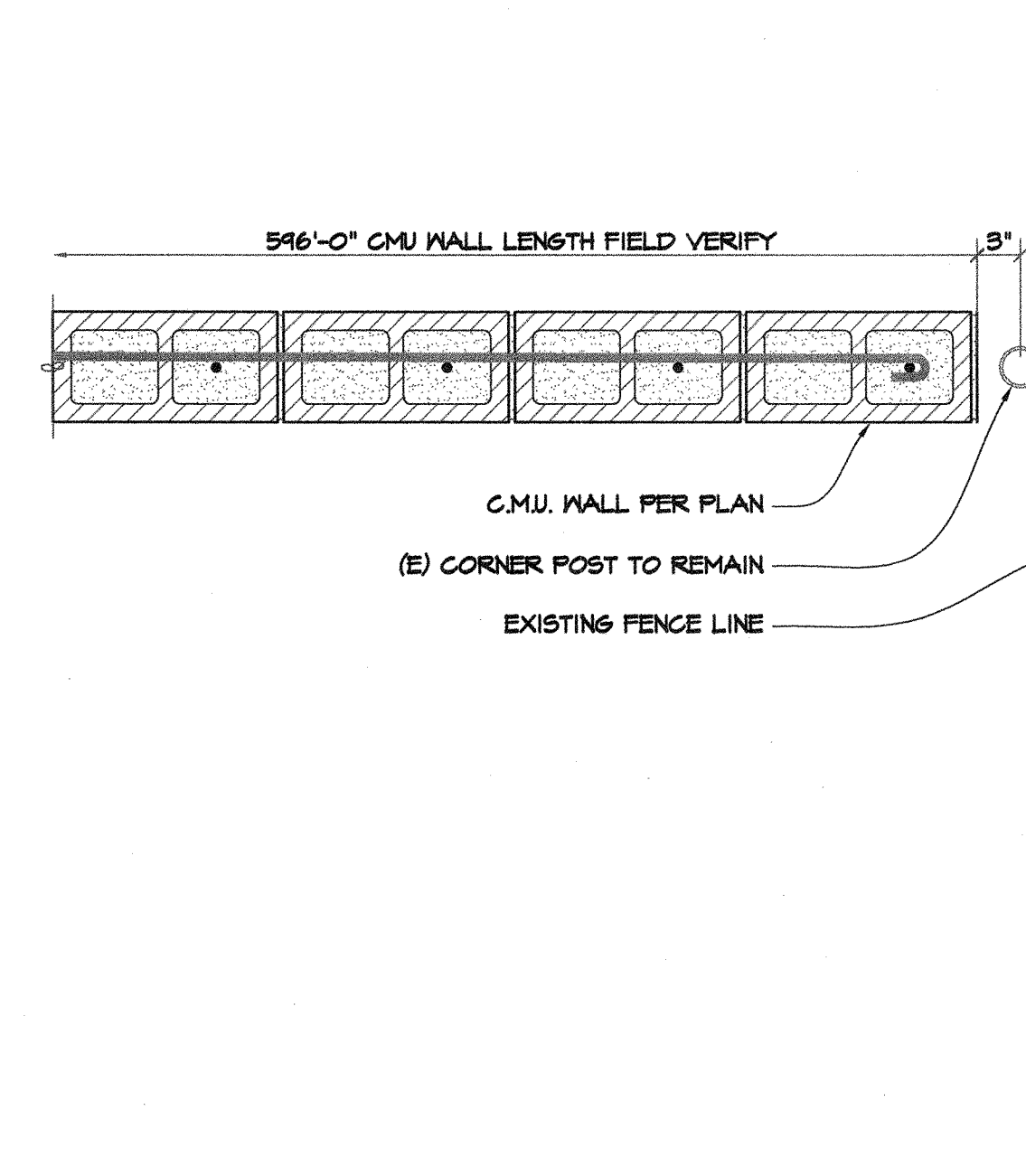
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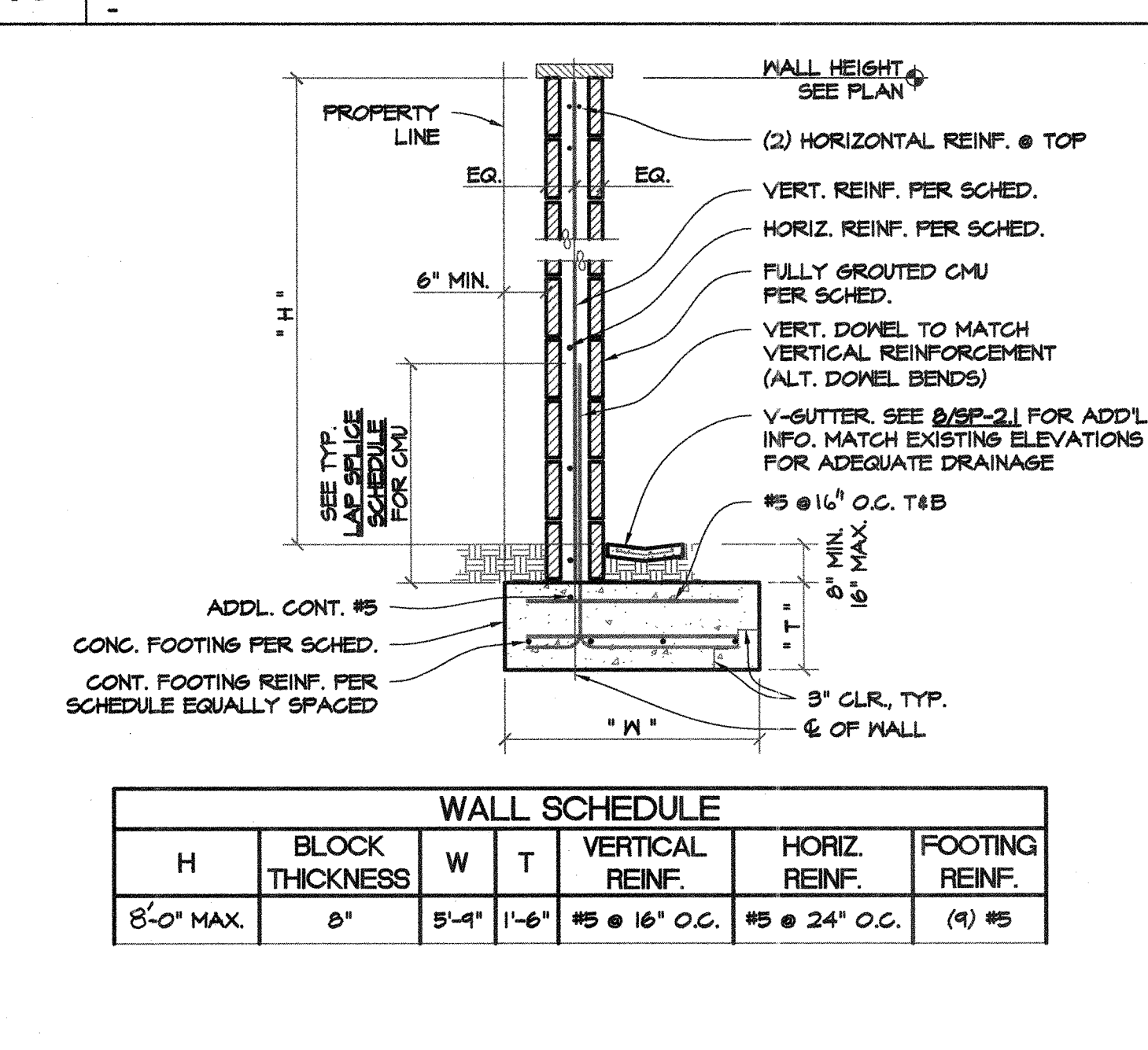
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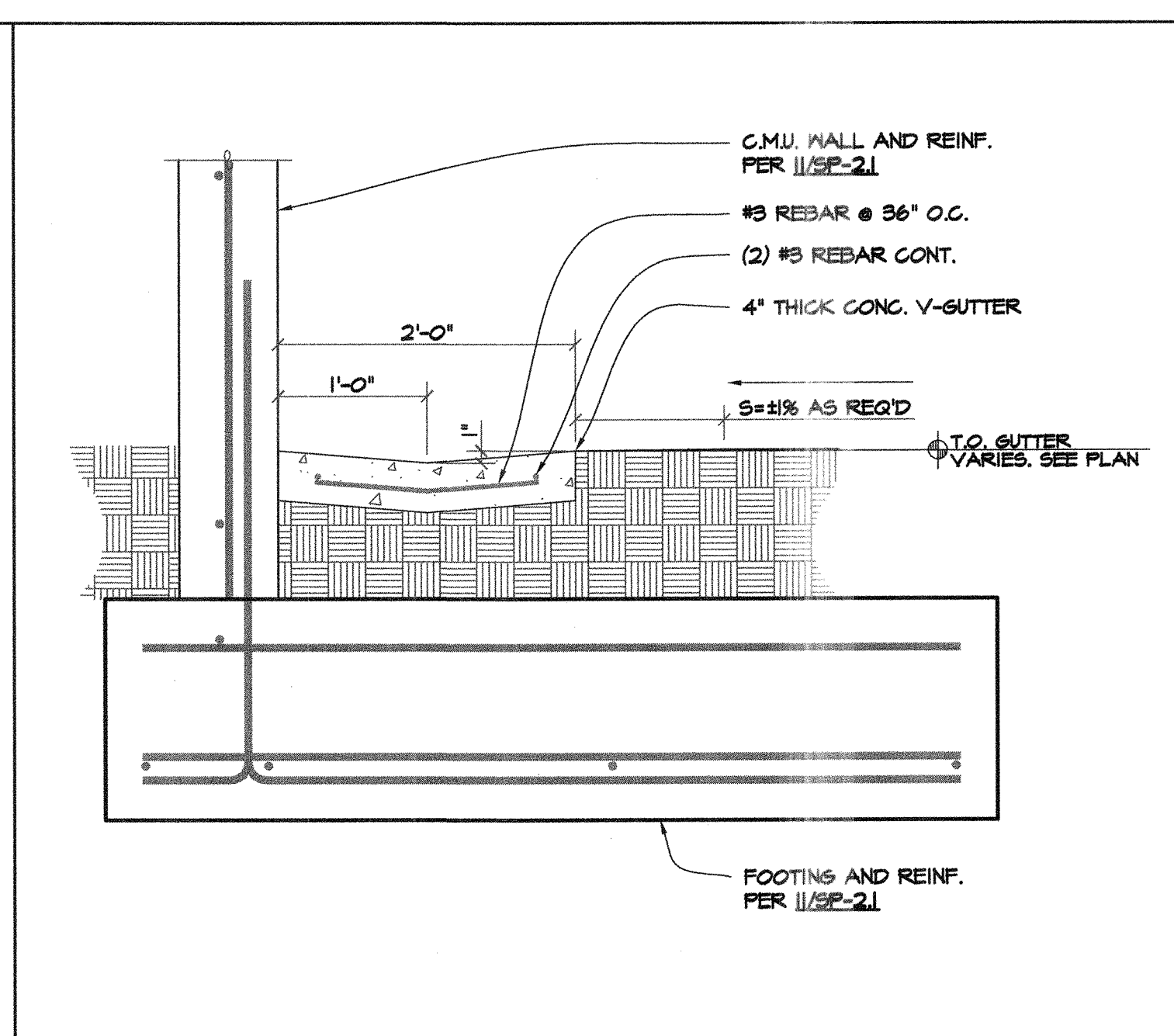
10 PARTIAL SITE PLAN



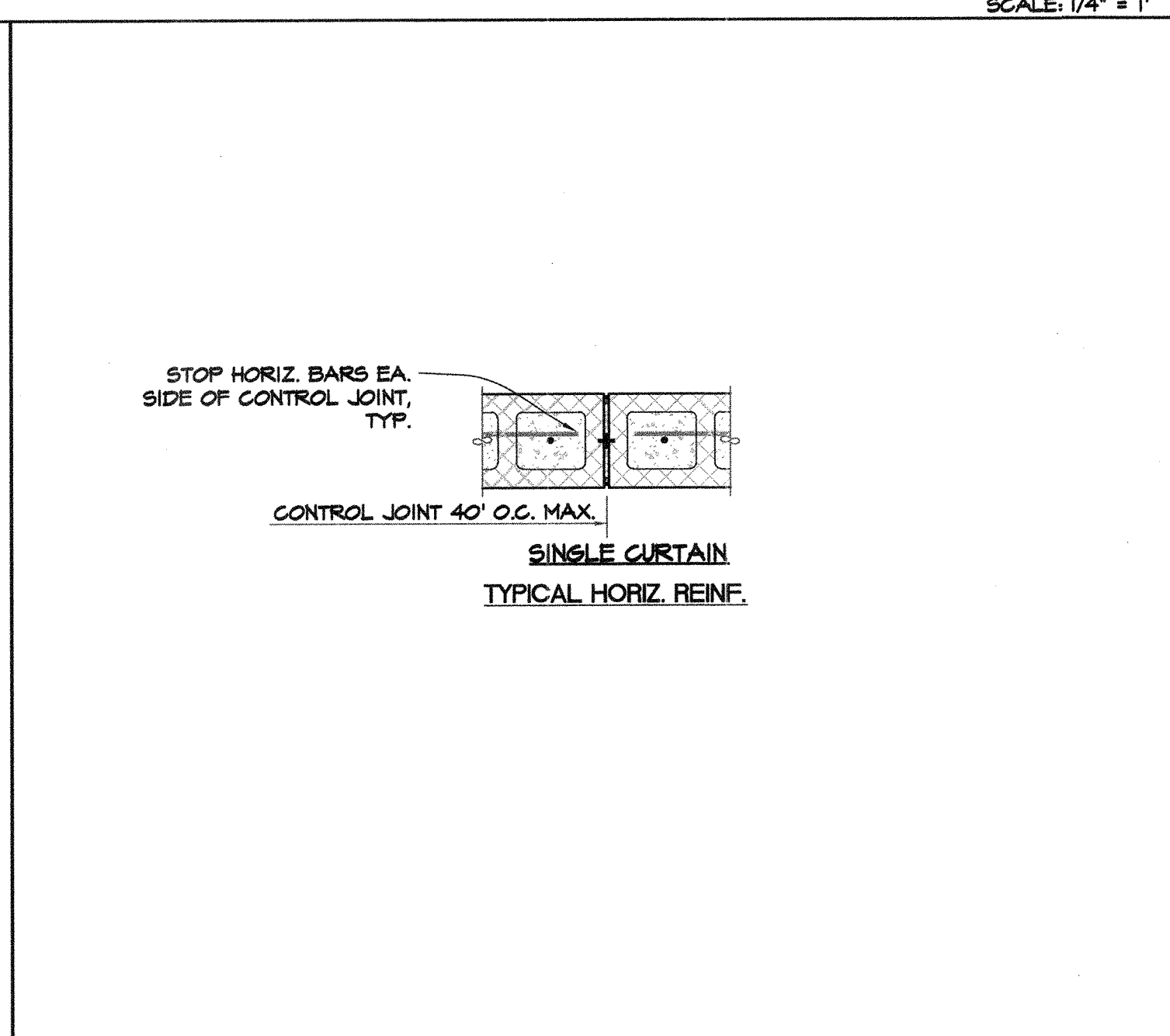
1 DETAIL



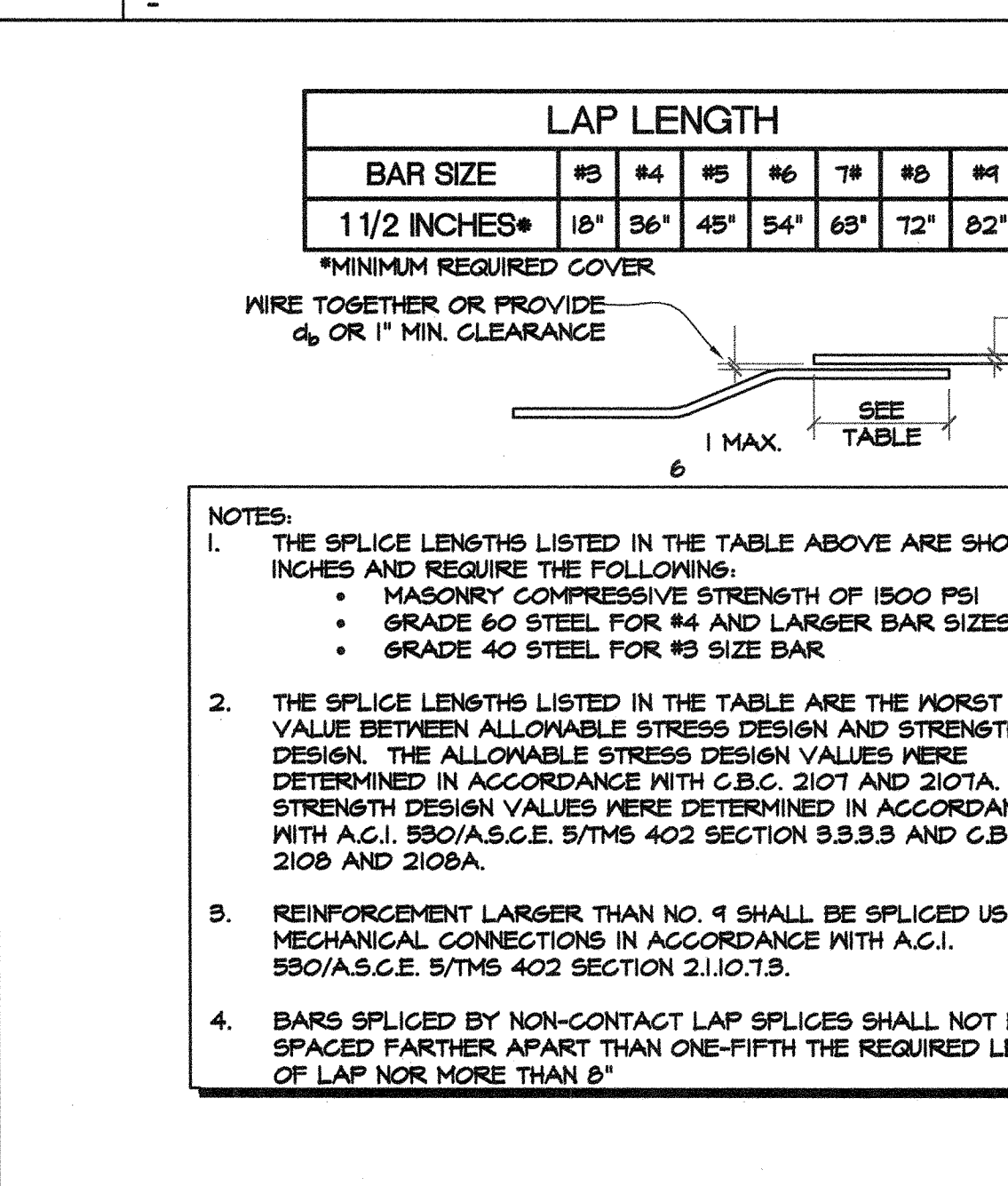
11 FREE STANDING MASONRY WALL



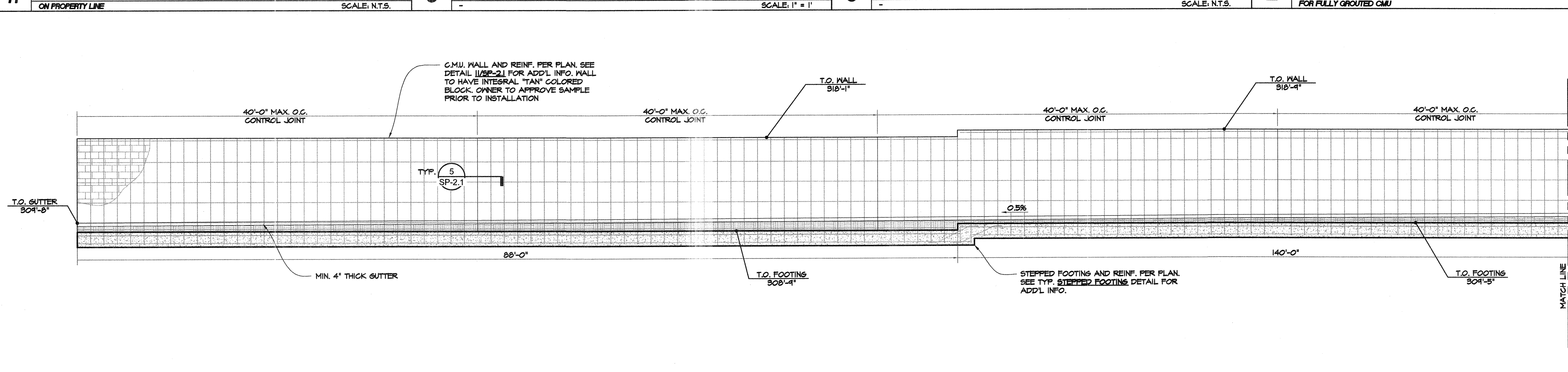
8 VALLEY GUTTER



5 CMU WALL CONTROL JOINT



2 LAP SPLICE SCHEDULE



12 PARTIAL ELEVATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
02 118215
AC. TM PLS. - SS
DATE 2-2-21

DSA APP. 02-118215

ENGINEER
B.W.
DRAWN BY
ER
DATE
03/06/2020
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PROJECT NUMBER
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SHEET NUMBER
SP-21

