

SWEETWATER UNION HIGH SCHOOL DISTRICT

CHULA VISTA HIGH SCHOOL - BUILDING 100 ELEVATOR ADDITION - BARRIER REMOVAL



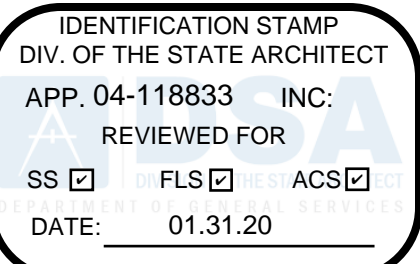
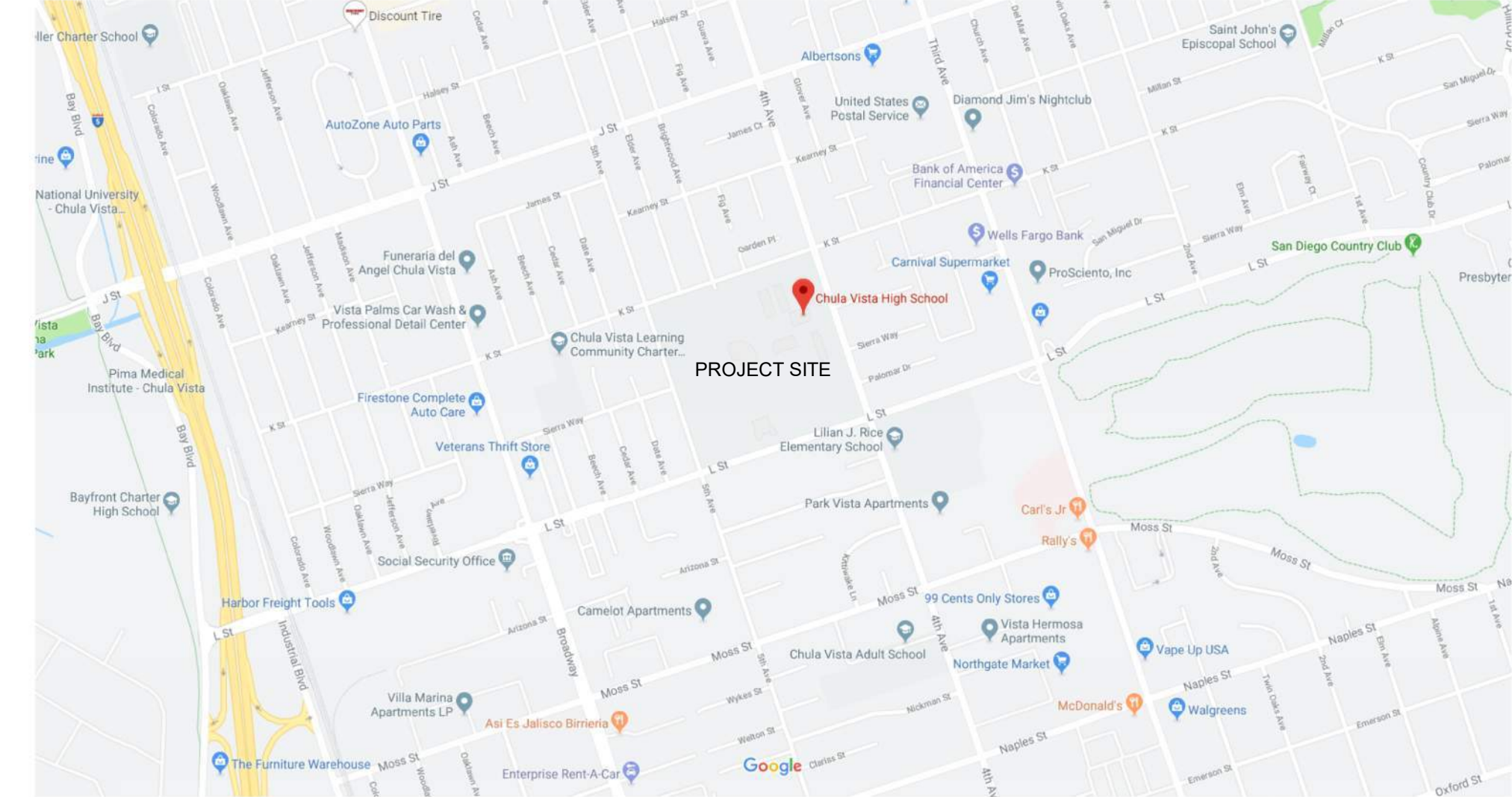
PROJECT TEAM

OWNER:	SWEETWATER UNION HIGH SCHOOL DISTRICT 1130 FIFTH AVENUE CHULA VISTA, CA 91911 PHONE: 619-691-5500 CONTACT: HEATHER MCMILLAN	STRUCTURAL ENGINEER:	OGONZALEZ, INC. ENGINEERS 3708 VIEWVERDE BONITA, CA 91902 PHONE: 619-871-6344 CONTACT: OSCAR GONZALEZ
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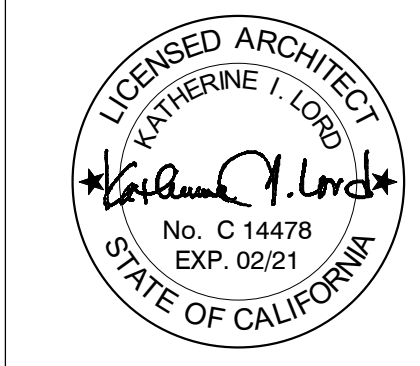
SCOPE OF WORK

INSTALLATION OF A NEW PRE-MANUFACTURED ELEVATOR AND EQUIPMENT ROOM TO ACCESS BUILDING 100 SECOND STORY. THIS INCLUDES THE DEMOLITION AND REPLACEMENT OF THE EXISTING COVERED WALKWAY, RAMP AND STAIRS TO ACCESS THE GYMNASIUM - BUILDING 1500. IN ADDITION, IT INCORPORATES THE ADDITION OF NEW SECOND FLOOR WALKWAY TO ACCESS THE SECOND STORY, PROVIDING NEW PATH OF TRAVEL FROM THE FRONT OF THE CAMPUS PARKING LOT TO THE NEW ELEVATOR.

VICINITY MAP



SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19

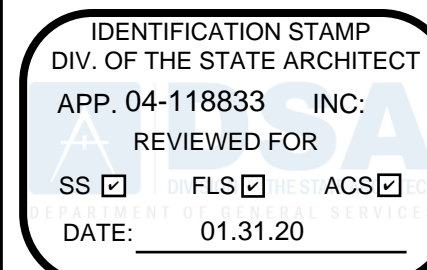
Sheet Title: COVER SHEET	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:
CS

SWEETWATER UNION HIGH SCHOOL DISTRICT

CHULA VISTA HS BLDG. 100 ELEVATOR

820 4TH AVE., CHULA VISTA, CA, 91911



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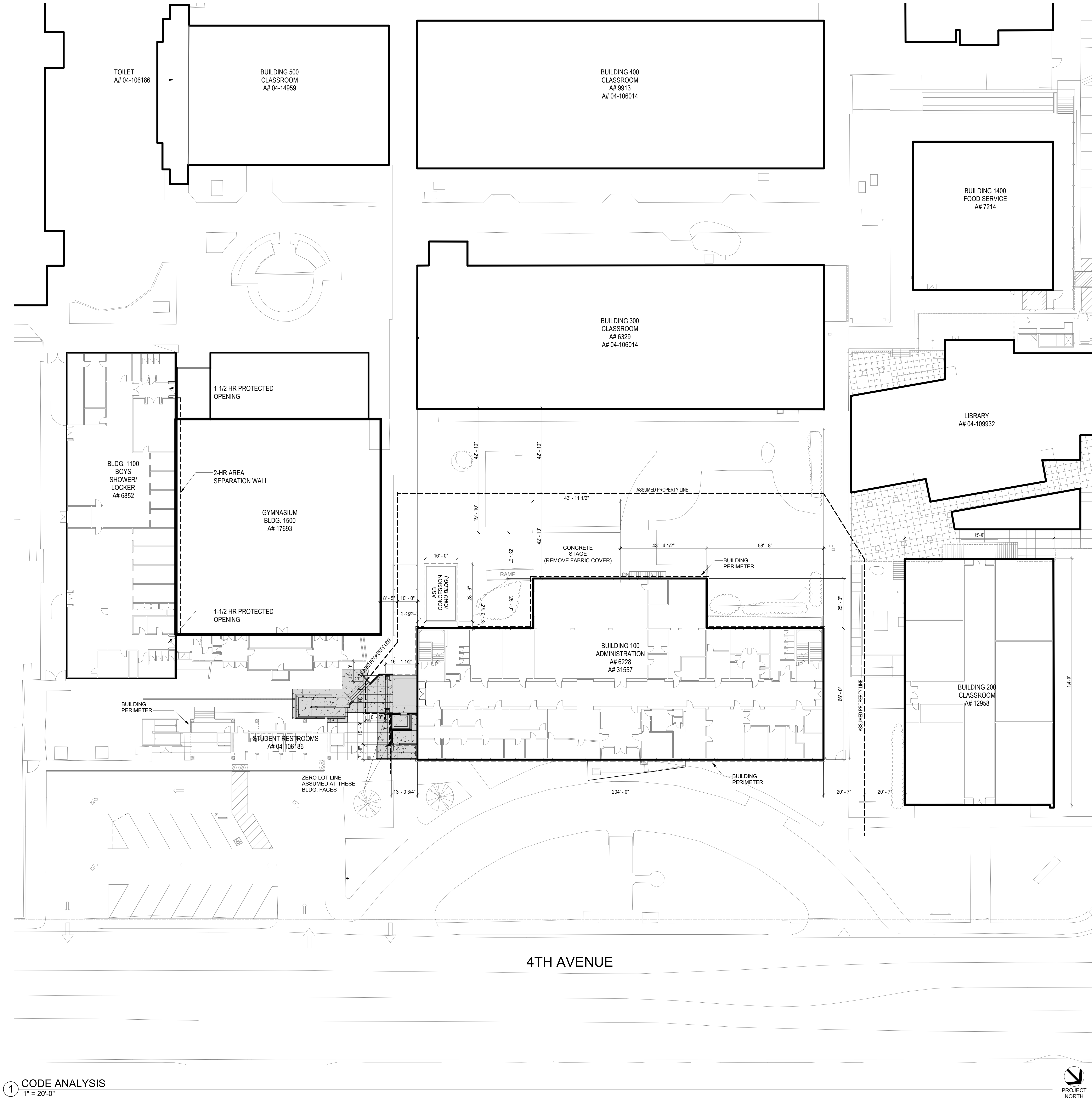
SCHOOL NOTES	ACCESS COMPLIANCE NOTES	GENERAL NOTES	PROJECT SUMMARY	SHEET INDEX																																																																																																																																																																																																					
<div><div>1. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECTS, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 (CCR)</div><div>2. A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE SCHOOL DISTRICT (OWNER) AND APPROVED BY THE ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4362 PART 1, TITLE 24 CALIFORNIA CODE OF REGULATIONS.</div><div>3. IF WORK EXTENDS BEYOND START OF SCHOOL, WORKERS ARE ONLY ALLOWED IN THE AREAS APPROPRIATE TO THE WORK REQUIRED AND SHALL MAKE EVERY EFFORT NOT TO DISTURB STUDENTS OR FACILITY.</div><div>4. DRESS AND BEHAVIOR OF ALL CONSTRUCTION WORKERS SHALL BE APPROPRIATE TO A SCHOOL SITE AND BE ACCEPTABLE TO DISTRICT REPRESENTATIVES.</div><div>5. SMOKING SHALL NOT BE ALLOWED ON SCHOOL GROUNDS.</div><div>6. THE CONTRACTOR SHALL PROVIDE WHATEVER MEANS NECESSARY TO ASSURE THE PROTECTION OF STUDENTS AND FACILITY DURING THE COURSE OF CONSTRUCTION OPERATIONS.</div><div>7. THE CONTRACTOR SHALL NOTIFY DISTRICT PERSONNEL FOR ACCESS TO THE JOB SITE AN LOCATIONS FOR STORAGE AND MATERIALS ANY FENCING REMOVED FOR ACCESS TO THE SITE SHALL BE REINSTALLED AND OR PREPARED TO THE ORIGINAL EXISTING CONDITIONS.</div><div>8. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS.</div><div>9. A STATEMENT THAT TITLE 24 PARTS MUST BE KEPT ON SITE DURING CONSTRUCTION.</div><div>10. FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAWS.</div><div>11. A DSA CERTIFIED CLASS 2 PROJECT INSPECTOR IS REQUIRED FOR THIS PROJECT.</div><div>12. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT(OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.</div><div>13. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.</div></div>	<div><div>1. WALKS ALONG AN ACCESSIBLE PATHWAY SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2" IN HEIGHT.</div><div>2. WALKS ALONG AN ACCESSIBLE PATHWAY SHALL BE A MINIMUM OF 48" WIDE. THE SURFACE SHALL BE SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH IF THE SLOPE IS LESS THAN 6 PERCENT. THE SURFACE SHALL BE SLIP RESISTANT IF THE SLOPE IS 6 PERCENT OR GREATER. THE CROSS SLOPE SHALL NOT EXCEED 1/4" PER FOOT. PROVIDE NOT LESS THAN 80" HEADROOM FROM ALL WALKWAY SURFACES TO OBSTRUCTIONS.</div><div>3. WHEN THE SLOPE OF THE DIRECTION OF TRAVEL OF ANY WALK ALONG AN ACCESSIBLE PATHWAY EXCEEDS 1 VERTICAL TO 20 HORIZONTAL, IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS. THE SLOPE NOT TO EXCEED 1 VERTICAL TO 12 HORIZONTAL. THE CROSS SLOPE NOT TO EXCEED 1 VERTICAL TO 50 HORIZONTAL. THE RAMP SURFACES SHALL BE SLIP RESISTANT.</div><div>4. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" INCH. WHEN 1/2" CHANGES DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NOT LESS THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL.</div><div>5. WALKS ALONG AN ACCESSIBLE PATHWAY SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 80" X 60" AT A DOOR OR GATE THAT SWINGS TOWARDS THE WALK, AND NOT LESS THAN 48" WIDE X 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARDS THE WALK.</div><div>6. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED FOR EASY PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EXIT DIRECTION. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS. AT FIRE RATED DOORS, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.</div><div>7. THE BOTTOM TEN INCHES OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE ON THE PUSH SIDE OF THE DOOR.</div><div>8. THE DOORS TO BOYS', GIRLS', AND UNISEX TOILET ROOMS SHALL HAVE A 1/4" THICK IDENTIFICATION SYMBOL MOUNTED AT A HEIGHT OF 60". PROVIDE A 12" EQUILATERAL TRIANGLE WITH THE VORTEX POINTING UPWARDS FOR THE BOYS, A 12" DIAMETER CIRCLE FOR THE GIRLS, AND A 12" EQUILATERAL TRIANGLE SUPERIMPOSED ON A 12" DIAMETER CIRCLE FOR THE UNISEX. ALSO PROVIDE A SIGN WITH RAISED LETTERS AND BRAILLE ON THE WALL ADJACENT FROM THE LATCH SIDE OF SUCH DOORS.</div><div>9. WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS. IF CLOSING VALVES ARE USED AT LAVATORIES, THEY SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.</div><div>10. THE HIGHEST AND LOWEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN ONE OF THE REACH RANGES SPECIFIED IN CBC SECTIONS 11B-308.2, CBC SECTION 11B-308.3 SPECIFIES A FORWARD APPROACH REACH OF 48" OFF THE FLOOR BUT NOT LOWER THAN 15" CBC SECTION 11B-308.3 SPECIFIES A SIDE APPROACH REACH OF 54" BUT NOT LOWER THAN 19". ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15" ABOVE THE FLOOR PER CBC SECTION 11B-308.1.</div><div>11. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL ALSO BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE.</div><div>12. SIGNAGE REQUIREMENTS OF C.B.C. SECTION 11B-703 SHALL BE SATISFIED.</div><div>13. CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-304.3 THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT PER 11B-309.3.</div><div>14. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS OF FORCE PER CBC SECTION 11B-309.4.</div><div>15. ALL BUILDING AND FACILITY ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING CIRCULATION PATHS PER CBC SECTIONS 11B-216.6 AND 11B-216.9.2.</div></div>	<div><div>1. THE ARCHITECT OF RECORD RETAINS THE RIGHT TO MAKE FINAL JUDGEMENTS RELATIVE TO MODIFICATIONS OF THE SUBMITTAL DRAWINGS TO ENSURE COMPLIANCE OF THE DOCUMENTS WITH STANDARD ENGINEERING PRACTICE, APPLICABLE CODES, AND ARCHITECTURAL INTENT.</div><div>2. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL CONSIDERATIONS SHALL COMPLY WITH ALL APPLICABLE LOCAL ORDINANCES, IF APPLICABLE.</div><div>3. ALL STANDARDS, MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE STATE BUILDING CODES, ORDINANCES, REGULATIONS AND LAWS.</div><div>4. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) & SECTION 4-33 REGULATIONS.</div><div>5. ALL WORKERS SHALL WEAR APPROPRIATE SAFETY GEAR AND COMPLY WITH APPLICABLE SAFETY REGULATIONS.</div><div>6. DRESS AND BEHAVIOR OF ALL CONSTRUCTION WORKERS SHALL BE APPROPRIATE TO A SCHOOL SITE AND BE ACCEPTABLE TO DISTRICT REPRESENTATIVES.</div><div>7. THERE SHALL BE NO POSSESSION OR CONSUMPTION OF ILLEGAL DRUGS, ALCOHOLIC BEVERAGES OR SMOKING ON THE JOB SITE BY ANY PERSON. ANY PERSON THAT DOES NOT COMPLY WITH THESE REQUIREMENTS SHALL BE DIRECTED TO LEAVE THE JOB SITE AND WILL NOT BE PERMITTED TO RETURN DURING THE REMAINDER OF THE CONTRACT.</div><div>8. OCCUPATIONAL SAFETY AND HEALTH, THESE DOCUMENTS, AND THE CONSTRUCTION HEREBY CONTEMPLATED, IS TO BE GOVERNED AT ALL TIMES BY APPLICABLE PROVISIONS OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, (CAL/OSHA) AND ALL UPDATES SINCE.</div><div>9. CONTRACTOR SHALL COMPLY WITH CALIFORNIA FIRE CODE INCLUDING CHAPTER 33 FOR FIRE SAFETY DURING CONSTRUCTION.</div><div>10. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS NEEDED TO PROTECT THE WORK AREA AND REMAINING WORK FROM WEATHER AND OTHER INCLEMENT CONDITIONS. ANY DAMAGE INCURRED DUE TO FAILURE BY THE CONTRACTOR TO PROPERLY PROTECT SUCH WORK, SHALL BE REPAIRED AT CONTRACTORS EXPENSE.</div><div>11. IF WORK EXTENDS BEYOND START OF SCHOOL, WORKERS ARE ONLY ALLOWED IN THE AREAS APPROPRIATE TO THE WORK REQUIRED AND SHALL MAKE EVERY EFFORT NOT TO DISTURB STUDENTS OR FACULTY.</div><div>12. CONTRACTOR TO COORDINATE BETWEEN THE REQUIREMENTS OF ALL THE DISCIPLINES, (ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL, ETC.) AND BETWEEN DRAWING AND SPECIFICATION REQUIREMENTS, IN ORDER THAT ALL ITEMS RELATING TO BE ANOTHER SHOWN IN SEVERAL PLACES COORDINATE. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS NOT COORDINATED.</div><div>13. CONTRACTOR WILL BE REQUIRED TO PROVIDE AND INSTALL ALL EQUIPMENT AND RELATED ITEMS AS SHOWN IN THESE DOCUMENTS AND AS SPECIFIED.</div><div>14. ALL DIMENSIONS SHOWN ARE FOR ESTIMATED PURPOSES ONLY. CONTRACTOR WILL BE REQUIRED PRIOR TO BID, TO VERIFY ALL DIMENSIONS AND AREAS TO RECEIVE DEMOLITION OF EXISTING MATERIALS AND INSTALLATION OF NEW CURBS, PIPING, CONDUIT, ETC. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE DRAWINGS.</div><div>15. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR INCONSISTENCIES IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK UNTIL A CLARIFICATION HAS BEEN ISSUED BY THE ARCHITECT. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF INFORMATION SHOWN ON AVAILABLE DOCUMENTS. ANY DAMAGE TO EXISTING CONDITIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</div><div>16. THE EXISTENCE OF LOCATION OF ANY UNDERGROUND UTILITIES, PIPES, AND/OR STRUCTURE SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, EXISTING UTILITIES ARE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL ASCERTAIN THE TRUE LOCATION AND HORIZONTAL LOCATION AND SIZE OF ALL RELATED UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON.</div><div>17. ALL AREAS IN WHICH WORK IS DONE SHALL BE LEFT CLEAN AND IN GOOD REPAIR. ANY DAMAGE DONE TO THE EXISTING WORK BY THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS OR EMPLOYEES SHALL BE REPAIRED TO THE SATISFACTION OF THE ARCHITECT AND AT NO COST TO THE OWNER.</div><div>18. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</div><div>19. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.</div><div>20. WHERE SCOPE OF WORK EFFECTS EXISTING INTERIOR AND EXTERIOR FINISHES AND SURFACES, THOSE SURFACES SHALL BE PATCHED AND REPAIRED TO MATCH ORIGINAL EXISTING CONDITIONS.</div><div>21. FIRE STOPPING REQUIREMENT: WHERE REQUIRED BY APPLICABLE BUILDING CODE PENETRATIONS THRU FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC FOR FIRE STOPS ASTM E814.</div><div>22. IT IS THE CONTRACTORS RESPONSIBILITY TO DISPOSE OF ALL REMOVED AND/OR DEMOLISHED MATERIAL AND DEBRIS. ALL MATERIAL SHALL BE TAKEN TO A PUBLIC COUNTY OR CITY OPERATED DISPOSAL SITE.</div><div>23. ANYTHING REMOVED FOR THE PURPOSE OF FACILITATION OF CONSTRUCTION SHALL BE REPLACED IN A MANNER MEETING TODAY'S CODE.</div><div>24. WHERE SCOPE OF WORK EFFECTS EXISTING INTERIOR AND EXTERIOR FINISHES AND SURFACES, THOSE SURFACES SHALL BE PATCHED AND REPAIRED TO MATCH ORIGINAL EXISTING CONDITIONS.</div><div>25. ITEMS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.</div></div>	<div>INSTALLATION OF A NEW PRE-MANUFACTURED ELEVATOR AND EQUIPMENT ROOM TO ACCESS BUILDING 100 SECOND STORY. THIS INCLUDES THE DEMOLITION AND REPLACEMENT OF THE EXISTING COVERED WALKWAY, RAMP AND STAIRS TO ACCESS THE GYMNASIUM - BUILDING 1500. IN ADDITION, IT INCORPORATES THE ADDITION OF NEW SECOND FLOOR WALKWAY TO ACCESS THE SECOND STORY.</div> <div>PROJECT TEAM</div> <div><div>OWNER: SWEETWATER UNION HIGH SCHOOL DISTRICT 1130 FIFTH AVENUE CHULA VISTA, CA 91911 PHONE: 619-691-5500 CONTACT: HEATHER MCILLIAN</div><div>STRUCTURAL ENGINEER: OGONZALEZ, INC. ENGINEERS 3708 VIEWVERDE BONITA, CA 91902 PHONE: 619-871-6344 CONTACT: OSCAR GONZALEZ</div><div>ARCHITECT: LORD ARCHITECTURE, INC. 11650 IBERIA PLACE, SUITE 210 SAN DIEGO, CA 92128 PHONE: 858-485-6980 CONTACT: KATHY LORD</div><div>ELECTRICAL ENGINEER: JOHNSON CONSULTING ENGINEERS 12875 BROOKPARKER PLACE, SUITE 300 POWAY, CA 92064 PHONE: 658-679-4030 CONTACT: MONICA HANSEN</div><div>CIVIL ENGINEER: SNYPER-DYE ASSOCIATES 8348 CENTER DRIVE SUITE G LA MESA, CA 91942 PHONE: 619-697-9234 CONTACT: MATT KURTZ</div></div> <div>PARTIAL LIST OF APPLICABLE CODES</div> <div><div>2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.</div><div>2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016 CALIFORNIA AMENDMENTS)</div><div>2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)</div><div>2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)</div><div>2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)</div><div>2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.</div><div>2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)</div><div>2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.</div><div>2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.</div><div>TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.</div><div>2013 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS</div></div> <div>SHEET INDEX</div> <div><table><thead><tr><th>SHEET NUMBER</th><th>SHEET NAME</th><th>DISCIPLINE</th></tr></thead><tbody><tr><td colspan="3">GENERAL</td></tr><tr><td>G-00</td><td>COVER SHEET</td><td>GENERAL</td></tr><tr><td>G-100</td><td>TITLE SHEET</td><td>GENERAL</td></tr><tr><td>G-101</td><td>CODE ANALYSIS</td><td>GENERAL</td></tr><tr><td>G-102</td><td>FIRE ACCESS SITE PLAN</td><td>GENERAL</td></tr><tr><td colspan="3">CIVIL</td></tr><tr><td>C-1.0</td><td>TITLE SHEET AND NOTES</td><td>CIVIL</td></tr><tr><td>C-2.0</td><td>DETAILS</td><td>CIVIL</td></tr><tr><td>C-3.0</td><td>DEMOLITION PLAN</td><td>CIVIL</td></tr><tr><td>C-4.0</td><td>GRADING AND UTILITY PLAN</td><td>CIVIL</td></tr><tr><td colspan="3">ARCHITECTURAL</td></tr><tr><td>A-100</td><td>OVERALL SITE PLAN</td><td>ARCHITECTURAL</td></tr><tr><td>A-110</td><td>ENLARGED DEMOLITION SITE PLAN</td><td>ARCHITECTURAL</td></tr><tr><td>A-111</td><td>ENLARGED SITE PLAN</td><td>ARCHITECTURAL</td></tr><tr><td>A-112</td><td>ENLARGED 1ST FLOOR PLAN & 2ND FLOOR PLAN</td><td>ARCHITECTURAL</td></tr><tr><td>A-120</td><td>1ST FLOOR & 2ND FLOOR REFLECTED CEILING PLAN LANDING</td><td>ARCHITECTURAL</td></tr><tr><td>A-130</td><td>DEMOLITION ROOF PLAN & NEW CONSTRUCTION ROOF PLAN</td><td>ARCHITECTURAL</td></tr><tr><td>A-200</td><td>EXTERIOR ELEVATIONS</td><td>ARCHITECTURAL</td></tr><tr><td>A-300</td><td>BUILDING SECTIONS</td><td>ARCHITECTURAL</td></tr><tr><td>A-310</td><td>WALL SECTIONS</td><td>ARCHITECTURAL</td></tr><tr><td>A-311</td><td>WALL SECTIONS AND DETAILS</td><td>ARCHITECTURAL</td></tr><tr><td>A-501</td><td>WALL TYPES & DETAILS</td><td>ARCHITECTURAL</td></tr><tr><td>A-502</td><td>DETAILS - 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Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19

Sheet Title: TITLE SHEET	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:
G-100



CODE ANALYSIS

BUILDING 100 - ADMINISTRATION & CLASSROOMS		
BUILDING OCCUPANCY	E & S2	
BUILDING STORIES	2 & BASEMENT	
BUILDING HEIGHT	31' - 6"	
CONSTRUCTION TYPE	V-A	
FIRE SPRINKLERED	NO	
BUILDING AREA		

E OCC. = SF	
1ST FLOOR	15,647 SF
2ND FLOOR	13,644 SF
CONCESSIONS	448 SF
ELEV. ADDITION	511 SF
TOTAL =	30,248 SF

ALLOWABLE AREA INCREASE

$F = 696 \quad P = 731.5 \quad W = 30$
 $I_f = [F(P - 25)W/30]$
 $= [696(731.5 - 25)(30)/30]$
 $= [1,95,25] 1$
 $I_f = 70$

NEW ALLOWABLE

$E OCC. = 18,500(70) + 18,500$
 $= 12,950 + 18,500$
 $= 31,450$

E OCC.	30,248
ALLOWABLE	31,450

COMPLIES

*S2 (BASEMENT 3,650 SF) OCCUPANCY WILL BE CONSIDERED A SEPARATE BUILDING SINCE IT HAS A 5" THICK CONCRETE FLOOR SLAB AND 9-1/2" THICK CONCRETE WALLS

BUILDING 200		
BUILDING OCCUPANCY	E	
BUILDING STORIES	1	
CONSTRUCTION TYPE	I-A	
FIRE SPRINKLERED	YES	
BUILDING AREA	9,300 SF	
ALLOWABLE AREA	79,500 SF	

BUILDING 300

BUILDING OCCUPANCY	E
BUILDING STORIES	1
CONSTRUCTION TYPE	V-NR
FIRE SPRINKLERED	YES
BUILDING AREA	14,688 SF
ALLOWABLE AREA	28,500 SF

BUILDING 400, 500 & TOILET

BUILDING OCCUPANCY	E
BUILDING STORIES	1
CONSTRUCTION TYPE	V-NR
FIRE SPRINKLERED	YES
BUILDING AREA	23,038 SF
ALLOWABLE AREA	9,100 X 3
TOTAL =	27,300 SF

BUILDING G (STUDENT RESTROOM)

BUILDING OCCUPANCY	E
BUILDING STORIES	1
CONSTRUCTION TYPE	V-B
FIRE SPRINKLERED	NO
BUILDING AREA	661 SF
ALLOWABLE AREA	9,500 SF

BUILDING 1100

BUILDING OCCUPANCY	E
BUILDING STORIES	1
CONSTRUCTION TYPE	V-NR
FIRE SPRINKLERED	NO
BUILDING AREA	9,075 SF
ALLOWABLE AREA	9,500 SF

BUILDING 1500 GYMNASIUM

BUILDING OCCUPANCY	A2.1
BUILDING STORIES	1
CONSTRUCTION TYPE	V 1-HR
FIRE SPRINKLERED	NO
BUILDING AREA	
ALLOWABLE	

ALLOWABLE AREA INCREASE FOR SEPARATION ON 2 SIDES
 $GYM: 10,500 SF \times 1.5 = 15,750 SF$
 $TOILET: 14,000 SF \times 1.5 = 21,000 SF$

GYM	15,140 = .96
ALLOWABLE	15,740
TOILET	661 = .031
ALLOWABLE	21,000
TOTAL =	.99

NOTE:
CODE ANALYSIS BASED ON
MODERNIZATION PROJECT A# 04-106014



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11650 Iberia Place, Suite 210
San Diego, CA 92128-2455
858-485-6980, 858-485-1510 fax

SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



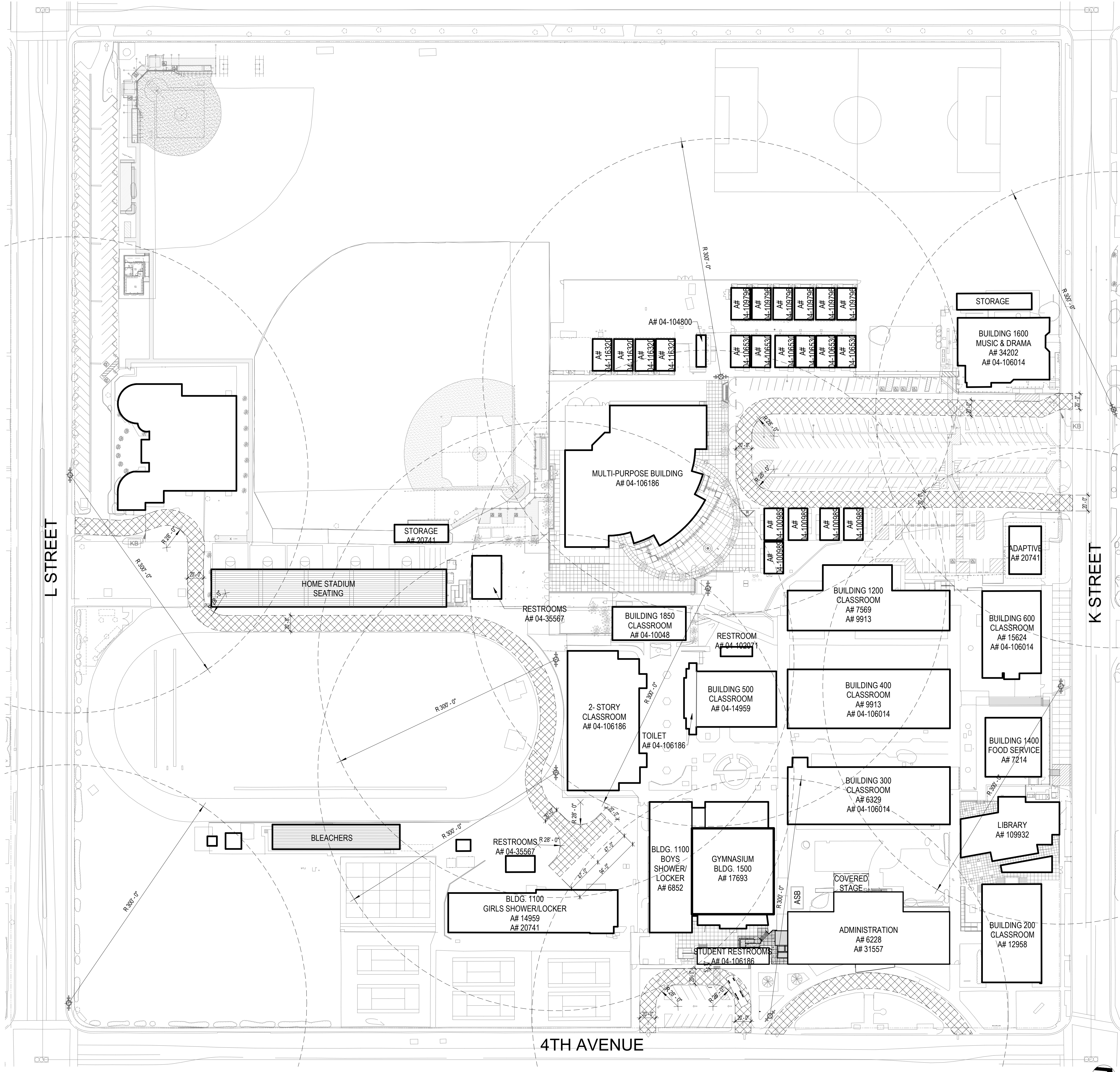
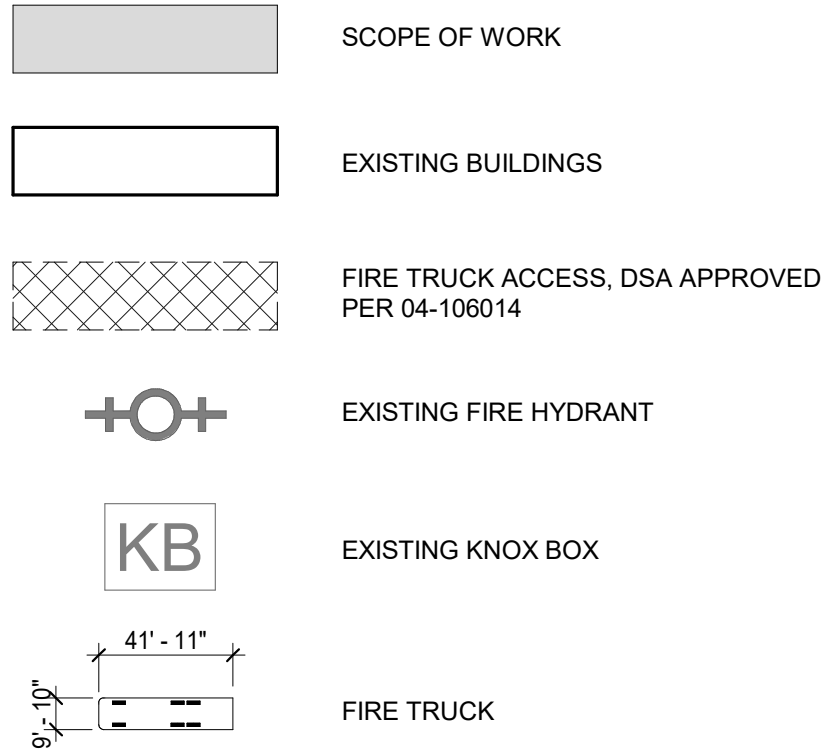
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Sheet Title: CODE ANALYSIS	Project Architect: KATHERINE LORD
	Project Number: 1214-113

FIRE ACCESS NOTES

- BUILDING UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE IN ACCORDANCE WITH CFC CHAPTER 33 "FIRE SAFETY" DURING CONSTRUCTION AND DEMOLITION.
- DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME RETARDANT CONDITION AS REQUIRED BY THE CFC AND CBC.
- AT LEAST ONE FIRE EXTINGUISHER WITH A MINIMUM RATING OF 2A10BC SHALL BE PROVIDED WITHIN 75' MAXIMUM TRAVEL DISTANCE FOR EACH 6,000 SQ. FT. OR PORTION THEREOF ON EACH FLOOR.
- "SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK." (CAC, 2013, 4-317(c))
- PROVIDE KNOXBOX SWITCH AND OPTICOM ON ALL EXISTING FIRE ACCESS AUTOMATIC GATES IF NEEDED
- PROVIDE EITHER A KNOXBOX WITH KEYS OR KNOX PADLOCK ON ALL FIRE TRUCK ACCESS GATES AND MAIN ADMINISTRATION BUILDING IF NEEDED
- TO SCHEDULE AN INSPECTION CONTACT FIRE DEPARTMENT AR (619) 691-5029 AT LEAST 72 HOURS BEFORE THE REQUESTED INSPECTION DATE.

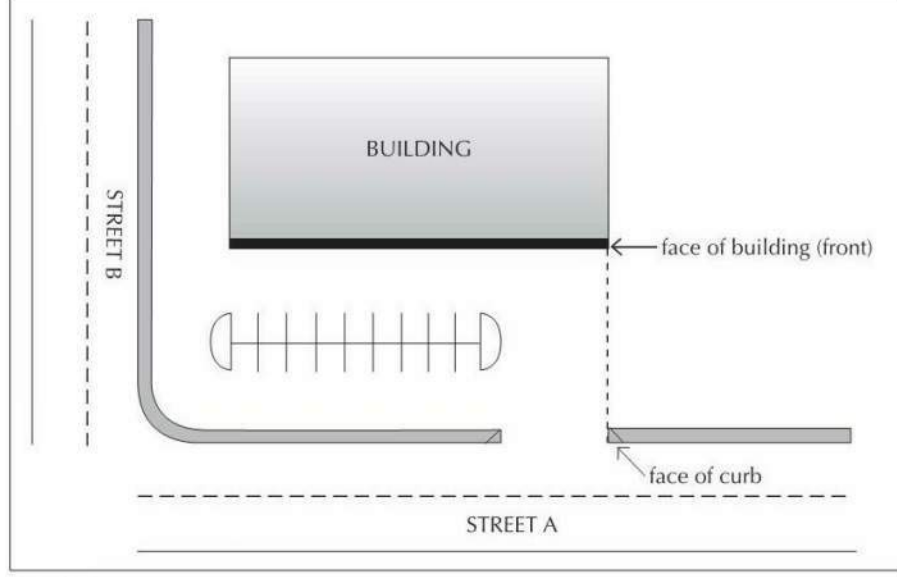
FIRE ACCESS LEGEND



1 FIRE ACCESS SITE PLAN
1" = 60'-0"

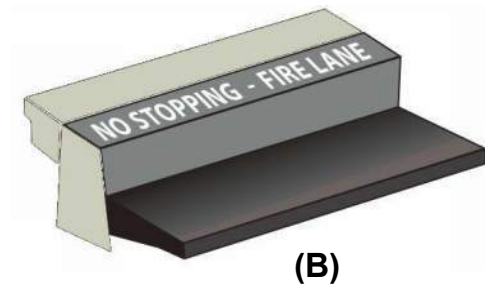
BUILDING ADDRESS NUMBERS SHALL BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR MAIN ACCESS TO THE BUILDING. NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND AND COMPLY WITH THE FOLLOWING

Distance from Building to Face of Curb	Minimum Number Height	Minimum Stroke
0 - 50 feet	6 inches	1 inch
51 - 150 feet	10 inches	1.5 inches
> 151 feet	16 inches	2 inches



- SPECIFICATIONS:
- THIS POLICY WILL ALSO APPLY TO MONUMENTAL SIGNS
 - BUILDINGS MAYBE REQUIRED TO HAVE THEIR ADDRESS POSTED IN MULTIPLE LOCATIONS

3 PREMISE IDENTIFICATION
1/2" = 1'-0"



- SIGNS SHALL BE IN ACCORDANCE WITH CALTRANS/FHWA STANDARD [R26F]. SEE NO STOPPING SIGN BELOW
- THE FACE OF THE SIGN SHALL BE PARALLEL TO THE ROADWAY
- SIGNED AT MAXIMUM INTERVALS OF 50FT ON CENTER OR FRACTION THEREOF
- SIGNS SHALL BE MOUNTED ON POSTS 7FT ABOVE GRADE OR OB BUILDING AS APPROVED
- SIGNS SHALL BE .080 GAUGE ALUMINUM
- SIGNS SHALL HAVE ASTM TYPE IV HIGH INTENSITY REFLECTIVE SHEETING
- SIGNS SHALL BE PROVIDED WITH A PROTECTIVE OVERLAY FILM

- ENTIRE CURB SHALL BE PAINTED RED (2 COATS)
- WHITE LETTERING - "NO STOPPING - FIRE LANE" (2 COATS)
- LETTERING HEIGHT - 4" MINIMUM
- LETTERING TO BE ON TOP OF DESIGNATED CURBING
- SIGNED AT MAXIMUM INTERVALS OF 50FT ON CENTER OR FRACTION THEREOF
- PAINT SHALL BE SUITABLE FOR EXTERIOR APPLICATION AND FADE RESISTANT

- MINIMUM WIDTH OF THIS STRIPE SHALL BE 8" (2 COATS)
- WHITE LETTERING - "NO STOPPING - FIRE LANE" (TWO COATS)
- LETTERING HEIGHT - 4" MINIMUM
- LETTERING TO BE ON TOP OF DESIGNATED CURBING
- SIGNED AT MAXIMUM INTERVALS OF 50FT ON CENTER OR FRACTION THEREOF
- PAINT SHALL BE SUITABLE FOR EXTERIOR APPLICATION AND FADE RESISTANT



SIGNS SHALL BE IN ACCORDANCE WITH CALTRANS/FHWA STANDARD [R26F]

2 FIRE LANE IDENTIFICATION
1/2" = 1'-0"

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STANDARD	12	18	1/4	5 1/2	1 1/2	3 1/2B	7/8	3/8	2 1/4B	1/2C	5/8
SPECIAL	24	30	1/2	11	2 1/2	6B	1 1/2	5/8	3 1/2B	3/4C	1 1/4

*CONDENSE SPACING: 27% FOR STANDARD SIGN
18% FOR SPECIAL SIGN



810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

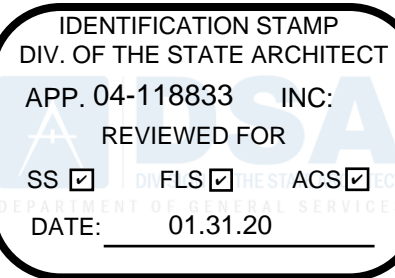
Information associated with compliance items 1-3 below is to be provided for all project types indicated above. Information associated with items 4-7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested. Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 and 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and [DSA Policy 09-01](#).

PROJECT INFORMATION	
School District/Owner:	SWEETWATER UNION HIGH SCHOOL DISTRICT
Project Name/School:	CHULA VISTA HIGH SCHOOL BUILDING 100 ELEVATOR
Project Address:	820 4TH AVENUE CHULA VISTA, CA 91911

FIRE & LIFE SAFETY INFORMATION		
1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone as established by Cal-Fire? If yes, indicate fire hazard zone classification below: Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)	WIFA <input type="checkbox"/>	

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED		
		Yes	No	N/A
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				



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11650 Iberia Place, Suite 210
San Diego, CA 92128-2455
858-485-6900, 858-485-1510 fax

SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19

Sheet Title: FIRE ACCESS SITE PLAN	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:

G-102

GENERAL NOTES

- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO CONSTRUCTION OF ALL EXISTING AND PROPOSED IMPROVEMENTS TO BE MET BY WORK. IN THE EVENT THAT THE ALIGNMENT IS IN CONFLICT WITH THE WORK TO BE DONE, CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE CONSTRUCTION MANAGER OF THE CONFLICT.
- THE LOCATION OF EXISTING UNDERGROUND FACILITIES ARE INDICATED ON THE PLANS AS A RESULT OF A SEARCH OF THE AVAILABLE RECORDS. LOCATIONS HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR IS DIRECTED TO REQUEST UTILITY MARK OUT AND TO EXCAVATE AND VERIFY LOCATIONS PRIOR TO EXCAVATIONS. ENGINEER OF WORK DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF ANY UTILITY LOCATIONS INDICATED ON THE PLANS.
- ENGINEER OF WORK IS NOT RESPONSIBLE FOR JOB SAFETY.
- CONTRACTOR SHALL MAINTAIN SAFE AND THOUGH PASSAGE ACCESS TO ALL BUILDINGS & ADA PATH OF TRAVEL. AT ALL TIMES, DISTRICT SHALL BE NOTIFIED 3 DAYS PRIOR TO ANY ACCESS CLOSURE DUE TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEY STAKING AS A PART OF CONTRACT.

GRADING NOTES

- GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT PREPARED BY MTGL, DATED JULY 22, 2019 UNDER MTGL PROJECT NUMBER 251A33 WITH LOG NUMBER 19-1123.
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS (CURRENT EDITION), THESE PLANS AND THE PROJECT SPECIFICATIONS.
- THE MINIMUM GRADIENT FOR GRADED SWALES SHALL BE 1%.
- THE MINIMUM GRADIENT OF FINISHED GRADE AWAY FROM STRUCTURES SHALL BE 2%, UNLESS OTHERWISE NOTED.
- FINISH GRADE SHALL BE DETERMINED AS THE ELEVATION OF ANY LANDSCAPE MATERIAL PLACED ON GRADE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERCUT GRADE TO ALLOW FOR PLACEMENT OF LANDSCAPE MATERIALS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HANDLE ANY EXPORT OF EXCESS MATERIAL FOR THE SITE. RESPONSIBILITY SHALL INCLUDE ALL PERMITS AND APPROVALS BY THE APPROPRIATE AGENCIES. THE OWNER AND ENGINEER OF WORK WILL NOT ASSUME ANY RESPONSIBILITY FOR THE REMOVAL, TRANSPORTATION OR PLACEMENT OF EXCESS MATERIAL.
- FINISH GRADE SHALL BE INSPECTED BY THE ENGINEER OF WORK AND VERIFIED THAT THE ACTUAL GRADING IS REPRESENTATIVE OF THE PROPOSED GRADING AND THAT THE MINIMUM SLOPE GRADIENTS EXIST.
- THE MAXIMUM SLOPE GRADIENT SHALL BE 2:1 (HORIZONTAL TO VERTICAL).
- CONCRETE CURBS AND GUTTERS WITH THE PUBLIC RIGHT-OF-WAY SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) (CURRENT EDITION) AND COUNTY OF SAN DIEGO REGIONAL STANDARD DRAWINGS (CURRENT EDITION).
- CONCRETE WALKS AND CURBS ON-SITE SHALL BE INSTALLED PER DETAILS ON THESE PLANS & ARCHITECTURAL DRAWINGS.
- SAW CUTTING OF EXISTING IMPROVEMENTS SHALL PROVIDE A CLEAN VERTICAL EDGE VOID OF CHIPPING. CONTRACTOR RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING PAVEMENT DUE TO IMPROPER SAWCUTTING OPERATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY REMOVAL OF ALL SPOIL MATERIALS CREATED BY THE DEMOLITION OF EXISTING IMPROVEMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING IMPROVEMENTS. CONTRACTOR SHALL, IN ADVANCE OF CONSTRUCTING IMPROVEMENTS, NOTIFY THE ENGINEER OF WORK OF ANY CONFLICTS BETWEEN THE PROPOSED DESIGN AND EXISTING IMPROVEMENTS. THE ENGINEER OF WORK SHALL REVIEW THE CONFLICTS AND MAKE RECOMMENDATIONS FOR RESOLUTION IN A TIMELY MANNER.
- SIDEWALK FINISHES AND JOINT DETAILS SHALL MATCH EXISTING ADJACENT FINISHES. REFER TO ARCHITECTS PLANS FOR DETAILS.
- PORTLAND CEMENT CONCRETE PAVEMENTS / CURBS, GUTTERS, FLATWORK AND CONCRETE WALKS SHALL BE CONSTRUCTED PER DETAILS ON SHEETS A-502, A-503, S-701, S-703 AND PROJECT SPECIFICATIONS.

STORM DRAIN NOTES (AS APPLICABLE)

- ALL DRAIN PIPE BELOW 10" IN DIAMETER SHALL BE P.V.C. SDR-35, PIPES 12" IN DIAMETER AND LARGER SHALL BE RIBBED HDPE AND BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (CURRENT EDITION), THIS PROJECT SPECIFICATIONS AND DETAILS INCLUDED ON THESE PLANS.
- ALL DRAIN PIPE FITTINGS AND CONNECTIONS SHALL BE GASKETED BELL AND SPIGOT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.
- ALL LATERAL CONNECTIONS TO MAIN DRAIN LINES SHALL BE ACCOMPLISHED WITH A WYE CONNECTION. TEE CONNECTIONS WILL NOT BE ALLOWED.
- PRECAST CONCRETE CATCH BASIN SHALL BE J & R CONCRETE PRODUCTS AS INDICATED IN THE DETAILS OR APPROVED EQUAL.
- CATCH BASIN GRATES SHALL BE CAST IRON OR PLASTIC AS INDICATED IN THE DETAILS. ALL GRATES SHALL BE ADA COMPLIANT.
- STORM DRAIN PIPE SHALL BE INSTALLED IN THE TRENCH AS INDICATED IN THE DETAILS.
- ALL DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ANY SURFACE IMPROVEMENTS, I.E. CONCRETE FLAT WORK.
- RIGID COUPLINGS SHALL BE USED, FLEXIBLE COUPLINGS ARE NOT ALLOWED, UNLESS APPROVED BY ENGINEER OR NOTED ON THESE PLANS.

SANITARY SEWER AND WATER NOTES (AS APPLICABLE)

- ALL SEWER PIPE SHALL BE PVC, SDR-35 WITH GASKETED JOINTS.
- ALL SEWER FITTINGS SHALL BE GASKETED JOINTS.
- SEWER PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE DETAILS. SUBSTITUTING SEWER WHERE STORM DRAIN IS REFERENCED.
- CLEAN OUTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE (CURRENT EDITION).
- SEWER PIPING SHALL BE PLACED AT A GRADIENT OF 1% OR GREATER, UNLESS SHOWN OTHERWISE ON THESE PLANS.
- RIGID COUPLINGS SHALL BE USED, FLEXIBLE COUPLINGS ARE NOT ALLOWED, UNLESS APPROVED BY ENGINEER, OR NOTED ON THESE PLANS.
- WATER LATERALS UP TO 3" IN DIAMETER SHALL BE COPPER TUBING CONFORMING TO ASTM STANDARD SPECIFICATION NO. B88 FOR SEAMLESS COPPER WATER TUBING. TYPE L DRAWN TEMPER COPPER PER DISTRICT SPECIFICATIONS.
- WATER LATERAL FITTINGS SHALL BE COMPRESSION TYPE. NO SOLDERED FITTINGS WILL BE ALLOWED.
- WATER MAINS SHALL HAVE 36" MINIMUM OF COVER FROM TOP OF PIPE TO FINISH GRADE.
- WATER AND SANITARY SEWER PIPES SHALL HAVE A HORIZONTAL SEPARATION OF 10' MIN. FROM OUTSIDE TO OUTSIDE OF PIPES WHEN RUNNING PARALLEL, AND 12' MIN. SEPARATION WHEN CROSSING, UNLESS OTHERWISE NOTED ON THESE PLANS.
- WATER MAIN AND LATERALS 4" IN DIAMETER OR LARGER SHALL BE PVC C-900 DR-18 UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DOCUMENTS.

EROSION AND SEDIMENT CONTROL NOTES

- TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
- IF DISTURBED AREA EXCEEDS ONE ACRE, CONTRACTOR SHALL OBTAIN A QUALIFIED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PRACTITIONER (QSP) TO IMPLEMENT AND ENSURE COMPLIANCE WITH THE SWPPP PERMIT.
 - ALL REQUIREMENTS OF THE COUNTY OF SAN DIEGO 'BMP DESIGN MANUAL' MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPOP) FOR CONSTRUCTION LEVEL. BMP'S AND FOR PERMANENT POST CONSTRUCTION TREATMENT CONTROL PERMANENT BMP'S, THE WATER QUALITY TECHNICAL REPORT (WQTR) AS APPLICABLE.
 - FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET.
 - FOR INLETS LOCATED AT SLUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SLUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 100' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
 - THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
 - THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
 - EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON AS DEFINED BY SWPPP. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
 - THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CAMPUS ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
 - THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE CAMPUS ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
 - ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE CAMPUS ENGINEER AND/OR DISTRICT REPRESENTATIVE.
 - GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
 - ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
 - THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
 - THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, ARCHITECT, DISTRICT REPRESENTATIVE) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

REMEDIAL GRADING NOTES (FROM GEOTECHNICAL REPORT)

THE THREE-FOOT DEEP VOID BENEATH THE ELEVATOR LOCATION WILL NEED BACKFILLING WITH COMPACTED ENGINEERED FILL OR CEMENT SLURRY/FLOWABLE FILL TO PROVIDE UNIFORM SUPPORT FOR THE ELEVATOR. THERE MAY BE VOIDS EXTENDING BENEATH THE FOUNDATIONS OF BUILDING 100, AND SLURRY PLACEMENT MIGHT REQUIRE WALLING OFF THE SIDES OF THE VOID BENEATH THE ELEVATOR LOCATION SO SLURRY PLACEMENT IS COMPLETE AND PROVIDES ADEQUATE, UNIFORM SUPPORT FOR THE ELEVATOR.

4.01 FILL PLACEMENT OPTION

IF FILL IS TO BE PLACED TO REMEDIATE THE VOID, IT SHOULD BE PLACED ON A PREPARED SURFACE AND IN LIFTS IN ACCORDANCE WITH THE EARTHWORK RECOMMENDATIONS OF THIS REPORT. IF THE VOID IS FOUND TO EXTEND LATERALLY A SIGNIFICANT DISTANCE FROM THE ELEVATOR SITE, I.E. THERE ARE NO FOUNDATION ELEMENTS TO PROVIDE LATERAL SUPPORT TO PLACE FILL AGAINST, THEN THE FILL SHOULD BE PLACED AS A PRISM, EXTENDING LATERALLY FIVE (5) FEET AWAY FROM THE SIDES OF THE ELEVATOR FOOTPRINT, AS MEASURED AT THE FLATWORK SURFACE. THE SIDES OF THE PRISM SHOULD SLOPE DOWN AT A MAXIMUM INCLINATION OF TWO (2) FEET HORIZONTALLY OVER ONE (1) FOOT VERTICALLY.

4.02 SLURRY OR FLOWABLE FILL PLACEMENT OPTION

IF SLURRY OR FLOWABLE FILL IS TO BE USED TO REMEDIATE THE VOID, IT WILL NEED LATERAL CONFINEMENT OR FORMING UNTIL IT CURES. THE SLURRY OR FLOWABLE FILL PLACEMENT SHOULD EXTEND LATERALLY THREE (3) FEET AWAY FROM THE SIDES OF THE ELEVATOR FOOTPRINT, AS MEASURED AT THE FLATWORK SURFACE. FOR EASE IN LATER EXCAVATION OF THE MATERIAL, THE SHEAR STRENGTH OF THE SLURRY OR FLOWABLE FILL SHOULD BE SPECIFIED AS NOT EXCEEDING 200 PCF (POUNDS PER CUBIC INCH).

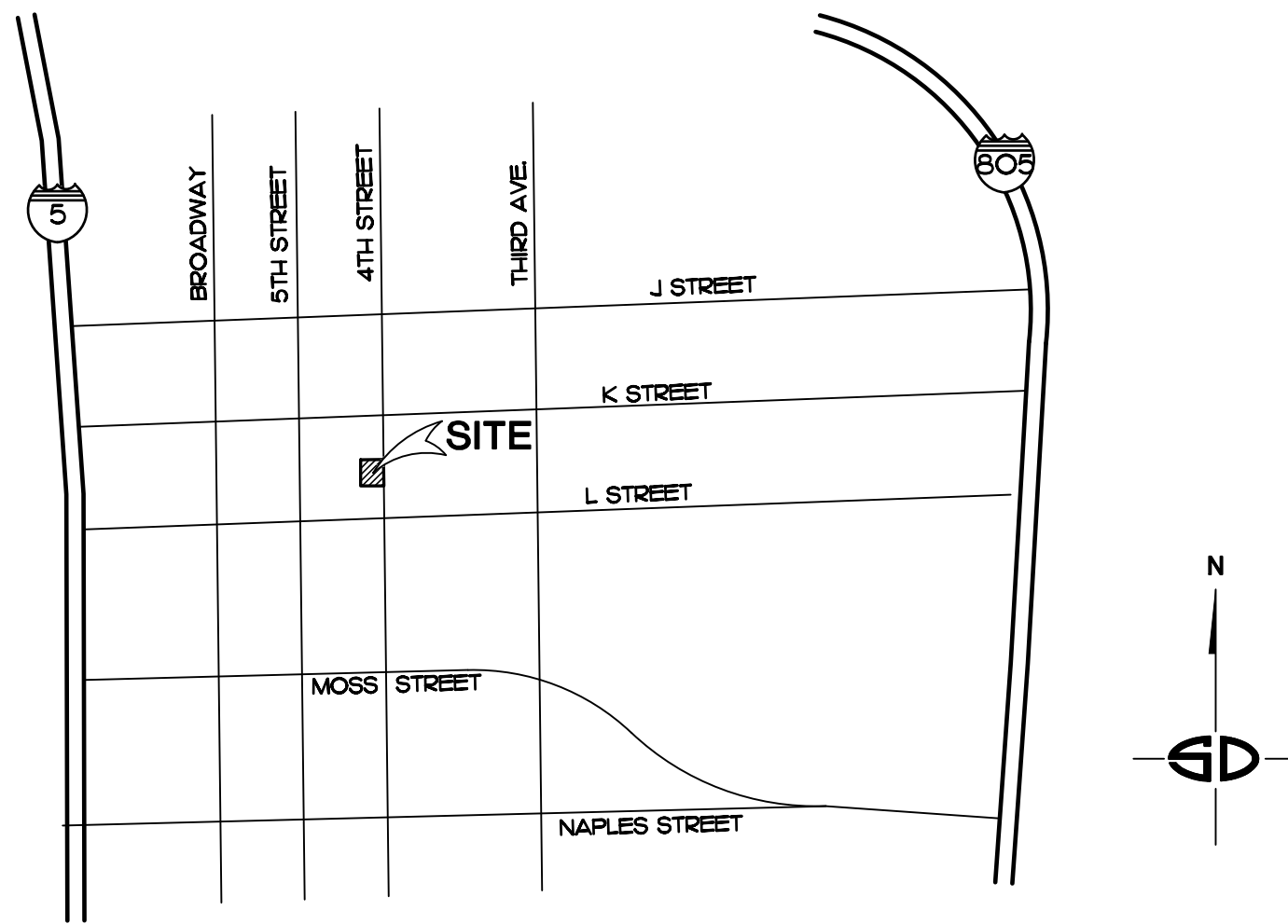
4.07.4 UTILITY TRENCHES

ALL UTILITY TRENCH BACKFILL WITHIN STREET RIGHT OF WAYS, UTILITY EASEMENTS, UNDER OR ADJACENT TO SIDEWALKS, DRIVEWAYS, OR BUILDING PADS SHOULD BE OBSERVED AND TESTED BY THE GEOTECHNICAL CONSULTANT TO VERIFY PROPER COMPACTION. TRENCHES EXCAVATED ADJACENT TO FOUNDATIONS SHOULD NOT EXTEND WITHIN THE FOOTING INFLUENCE ZONE DEFINED AS THE AREA WITHIN A LINE PROJECTED AT A HORIZONTAL TO VERTICAL DRAIN FROM THE BOTTOM EDGE OF THE FOOTING. TRENCHES CROSSING PERPENDICULAR TO FOUNDATIONS SHOULD BE EXCAVATED AND BACKFILLED PRIOR TO THE CONSTRUCTION OF THE FOUNDATIONS. THE EXCAVATIONS SHOULD BE BACKFILLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER AND TESTED TO VERIFY ADEQUATE COMPACTION BENEATH THE PROPOSED FOOTINGS.

UTILITIES SHOULD BE BEDDED AND BACKFILLED WITH CLEAN SAND OR APPROVED GRANULAR SOIL TO A DEPTH OF AT LEAST 1-FOOT OVER THE PIPE. THE BEDDING MATERIALS SHOULD CONSIST OF SAND, GRAVEL, CRUSHED AGGREGATE, OR NATIVE FREE DRAINING SOILS WITH A SAND EQUIVALENCE OF NOT LESS THAN 30. THE BEDDING SHOULD BE UNIFORMLY WATERED AND COMPACTED TO A FIRM CONDITION FOR PIPE SUPPORT.

THE REMAINDER OF THE BACKFILL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS, WATERED OR AERATED TO NEAR OPTIMUM MOISTURE CONTENT, AND MECHANICALLY COMPACTED TO AT LEAST 90 PERCENT OF MAXIMUM DRY DENSITY (BASED ON ASTM D1557). ALL CALIFORNIA CONSTRUCTION SAFETY ORDERS SHOULD BE OBSERVED DURING ALL UNDERGROUND WORK.

SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HIGH SCHOOL
BUILDING 100 ELEVATOR



VICINITY MAP

NO SCALE

LEGAL DESCRIPTION: (SHORT).

LOTS 3 THROUGH 6 AND 11 THROUGH 14 IN QUARTER SECTION 146 OF CHULA VISTA, RANCHO DE LA NACION, IN THE CITY OF CHULA VISTA, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 505, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 13, 1898.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM NAD 1983, ZONE 6, GRID BEARING (EPOCH 1993.35) BETWEEN CITY OF CHULA VISTA SURVEY CONTROL NETWORK POINT NUMBER 3310 (A 3/4 LEAD DISC STAMPED 'RE 6107') AND POINT NUMBER 5014 (A 2" BRASS DISC STAMPED 'CV GPS 5014') AS SHOWN ON RECORD OF SURVEY MAP NO. 1481.

BEARING TAKEN AS N 76°11'17" W

BENCHMARK:

THE BENCHMARK USED FOR THIS MAP IS 1/2" BRASS DISK STAMPED 'CV BNCH-MK 836' AT THE NORTH-EAST CORNER OF BROADWAY AND L STREET ON TOP OF A CURB INLET, PER THE CITY OF CHULA VISTA'S VERTICAL CONTROL NETWORK. ELEVATION + 51.300 (NAVD 83)

SITE ADDRESS:

820 4TH AVENUE, BUILDING 100
CHULA VISTA, CA 91911

ASSESSOR'S PARCEL NUMBER:

572-300-II-00

SOURCE OF TOPOGRAPHY:

AERIAL AND FIELD SURVEY BY BWE INC., AND GEOFFREY V. HOWLAND, PLS NO. 9011, COMPLETED ON MAY 15, 2019.

WORK TO BE DONE

THE WORK TO BE DONE CONSISTS OF THE GRADING AND IMPROVEMENTS IN ACCORDANCE WITH THESE PLANS, THE PROJECT SPECIFICATIONS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK - CURRENT EDITION) AND THE REGIONAL STANDARD DRAWINGS OF THE COUNTY OF SAN DIEGO (SDRS), CURRENT EDITION.

STANDARD SPECIFICATIONS

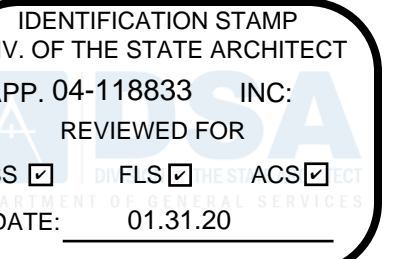
STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (CURRENT EDITION), THIS PROJECT SPECIFICATIONS

STANDARD DRAWINGS

COUNTY OF SAN DIEGO REGIONAL STANDARD DRAWINGS (CURRENT EDITION) APPLICABLE TO WORK WITHIN PUBLIC RIGHT-OF-WAY AND FOR SITE WORK AS INDICATED ON THESE PLANS.

LEGEND

EXISTING SPOT ELEVATION	---	399.06 TO 398.55
EXISTING CONTOUR	---	325
EXISTING ELECTRICAL	---	E
EXISTING ELECTRICAL MARKOUT	---	E(mo)
EXISTING OVER-HEAD WORK/UTILITY	---	OH
EXISTING FIRE ALARM LINE	---	FA
EXISTING GAS	---	G
EXISTING GAS MARKOUT	---	G(mo)
EXISTING STORM DRAIN	---	SD
EXISTING STORM DRAIN MARKOUT	---	SD(mo)
EXISTING SEWER	---	S
EXISTING SEWER MARKOUT	---	S(mo)
EXISTING STREET LIGHT MARKOUT	---	SL(mo)
EXISTING TELECOM	---	T
EXISTING TELECOM MARKOUT	---	T(mo)
EXISTING WATER	---	W
EXISTING WATER MARKOUT	---	W(mo)
EXISTING RETAINING WALL	---	
PROPOSED SPOT ELEVATION	---	400.65
PROPOSED CONTOUR	---	400
DIRECTION OF DRAINAGE	---	↑
PROPOSED CONCRETE PAVEMENT AND WALKS	---	
PROPOSED TRENCH DRAIN, SIZE & TYPE PER DETAIL 12, SHT. C-20	---	
PROPOSED WATER LINES	---	W
PROPOSED CONCRETE RETAINING WALL (PER STRUCTURAL & ARCHITECTURAL PLANS)	---	
SAWCUT	---	---



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SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
DSA BACKCHECK		1/10/20

Sheet Title: TITLE SHEET AND NOTES	Project Number: 1214-113
	Civil Engineer: MATT KURTZ

Sheet Number:

C-1.0

SHEET INDEX

C-1.0	TITLE SHEET AND NOTES
C-2.0	DETAILS
C-3.0	DEMOLITION PLAN
C-4.0	GRADING AND UTILITY PLAN



CAUTION:
LOCATION OF EXISTING UTILITIES ON THIS PLAN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Consultant:

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Matthew P. Kurtz, No. 79546, Exp. 9-30-20, CIVIL





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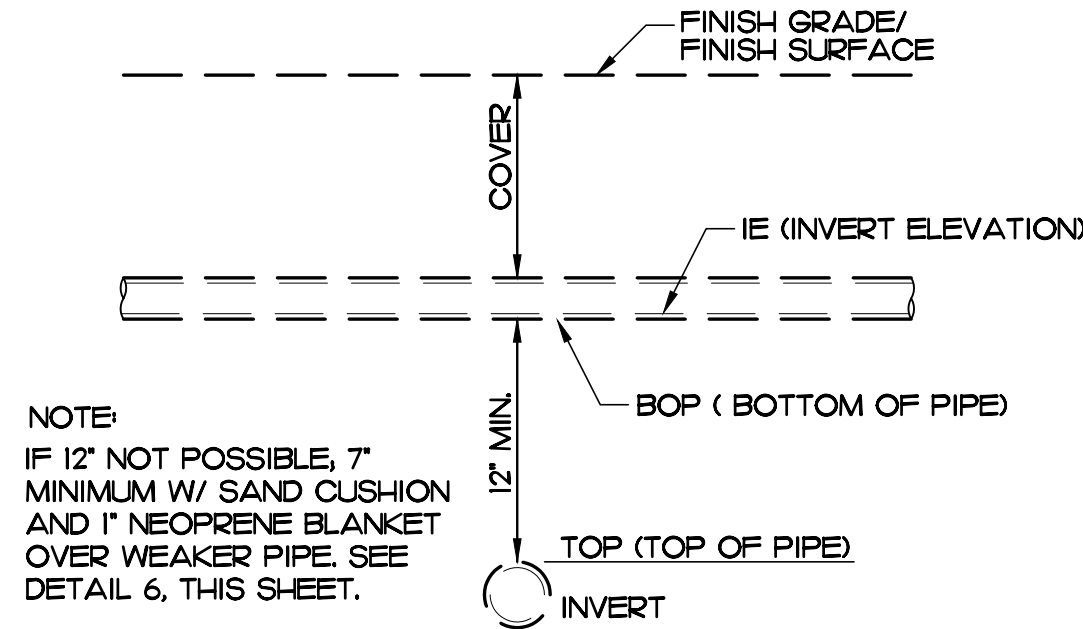
SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION
820 4TH AVE., CHULA VISTA, CA, 91911



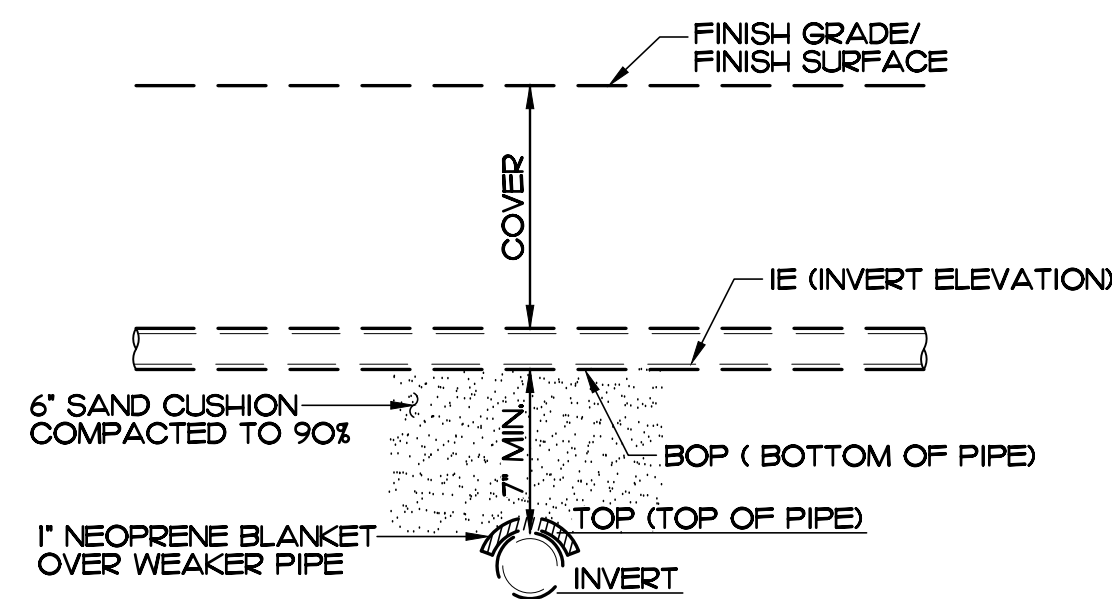
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100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
DSA BACKCHECK		1/10/20

Sheet Title: DETAILS	Civil Engineer: MATT KURTZ
	Project Number: 1214-113

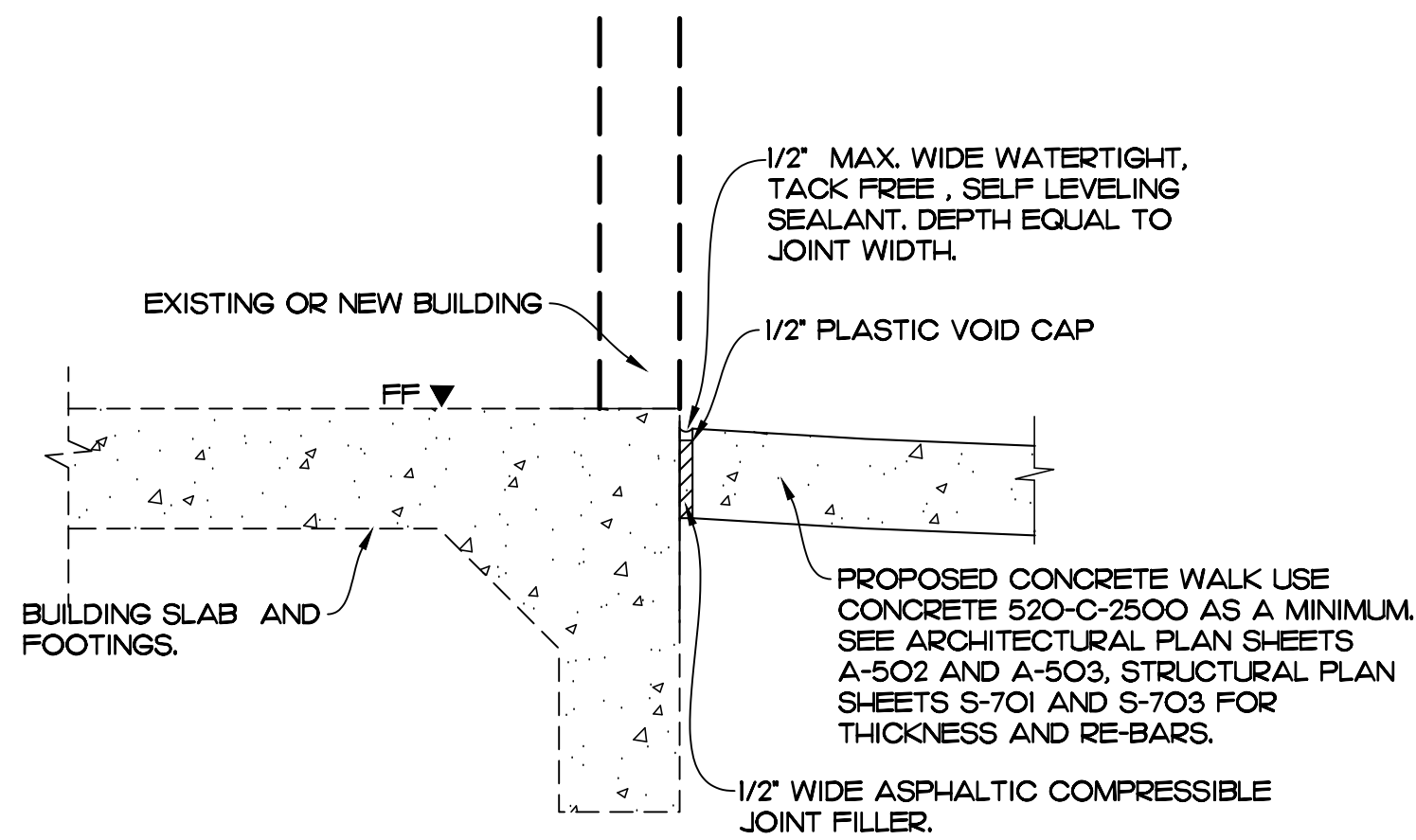
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C-2.0



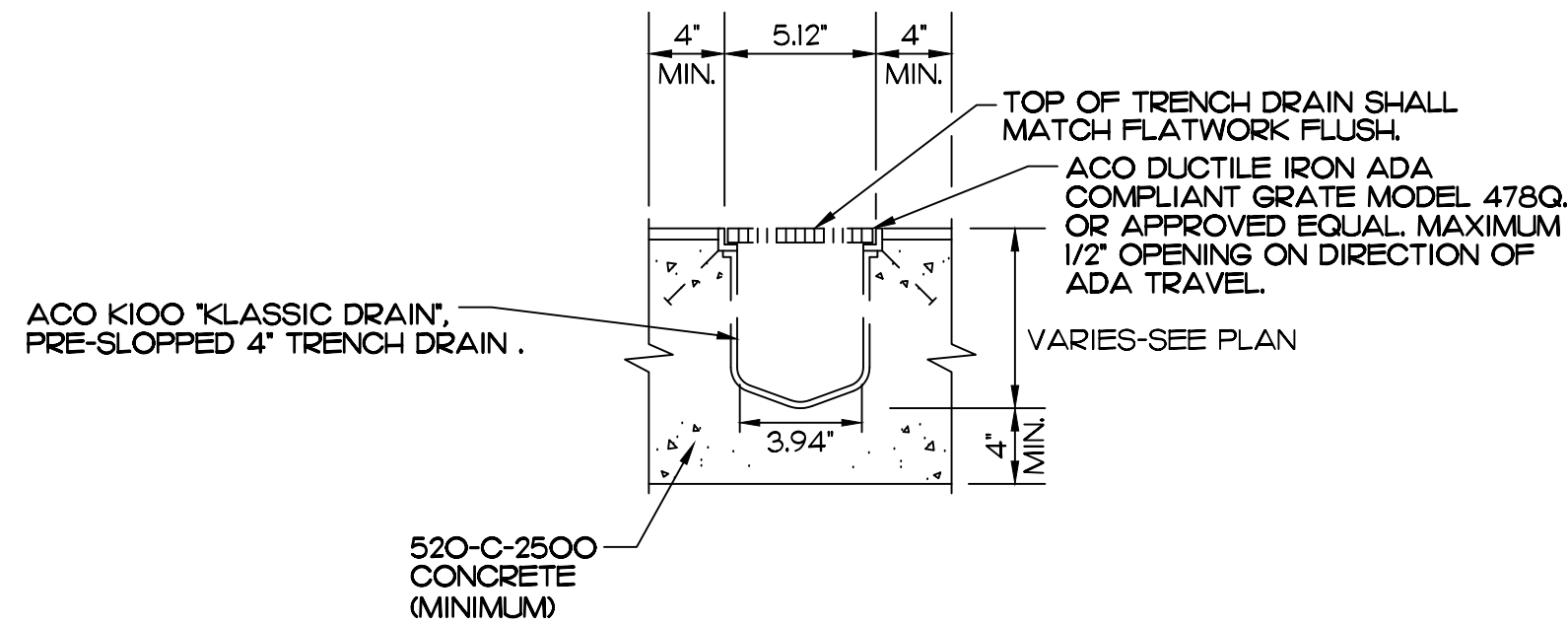
⑤ STANDARD UTILITY CROSSING DETAIL
NO SCALE



⑥ LESS THAN 12" CLEARANCE
UTILITY CROSSING DETAIL
NO SCALE



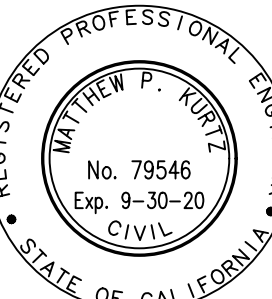
⑧ CONCRETE PAVEMENT OR WALK:
EXPANSION JOINT AT BUILDINGS
NO SCALE



⑫ TRENCH DRAIN DETAIL
NO SCALE

Consultant:

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EXP. 09-30-20



S:\SNIPES\CV1191 Chula Vista HS - Sewer Relocation\DWG\Grading Plans\CV 1191 C- 3.0 - Demo Plan.dwg
Plotted Friday, January 03, 2020 7:42am by danyel



LEGEND

- ③ EXISTING CONCRETE PAVING/SIDEWALK/PAVERS TO BE REMOVED
② REMOVE EXISTING WATER LINES.

DEMOLITION NOTES - ITEMS TO BE REMOVED

- ② SAWCUT LINE. SEE GRADING SHEETS FOR EXACT LOCATION.
③ EXISTING CONCRETE AND PAVERS PAVEMENT AND WALKS TO BE REMOVED.
⑤ EXISTING CONCRETE STAIRS AND RELATED WALLS AND HANDRAILS TO BE REMOVED.
⑥ EXISTING PEDESTRIAN RAMP TO BE REMOVED.
⑦ EXISTING RETAINING WALL/PLANTER WALL, TO BE REMOVED. VERIFY WITH ARCH. PLANS.
⑧ EXISTING STORM DRAIN OR SANITARY SEWER TO BE REMOVED, INCLUDING CATCH BASINS, CLEANOUTS, PIPES, AREA DRAINS, ETC.
⑨ EXISTING UNDERGROUND VAULT TO BE REMOVED INCLUDING WALLS AND FOUNDATION. PROTECT BUILDING WALLS AND FOOTINGS AT ALL TIMES BY SHORING. LOCATION SHOWN ON PLANS IS APPROXIMATE. SLURRY FILL OR COMPACTED DIRT FILL PER NOTE 4.02 ON SHEET C4.0.
⑩ CAP AT EXISTING WATER LINE. SEE SHEET C4.0 FOR CONTINUATION.

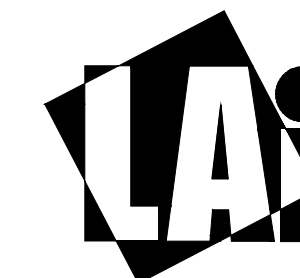
DEMOLITION NOTES - ITEMS TO REMAIN OR BE RELOCATED

- ① EXISTING SEWER LINE TO REMAIN, PROTECT IN PLACE.
② EXISTING STORM DRAIN PIPE TO REMAIN, PROTECT IN PLACE.
③ EXISTING CATCH BASIN / AREA DRAIN / TRENCH DRAIN TO REMAIN, PROTECT IN PLACE.
④ EXISTING WATER TO REMAIN, PROTECT IN PLACE.
⑤ EXISTING SEWER OR STORM DRAIN CLEANOUT TO REMAIN, PROTECT IN PLACE.
⑥ EXISTING BUILDING, INCLUDING CANOPY COLUMNS, TO REMAIN, PROTECT IN PLACE.
⑦ EXISTING DRY UTILITIES OR COMMUNICATIONS (ELECTRIC, TELCO, F.O.) TO REMAIN, PROTECT IN PLACE.
⑧ EXISTING PEDRAMP AND HANDRAILS, IF PRESENT, TO REMAIN, PROTECT IN PLACE.
⑨ EXISTING CONCRETE FLAT WORK SIDEWALK OR WALK TO REMAIN, PROTECT IN PLACE.
⑩ EXISTING FENCE & GATE TO REMAIN, PROTECT IN PLACE.
⑪ EXISTING RETAINING WALL TO REMAIN, PROTECT IN PLACE.

CAUTION:

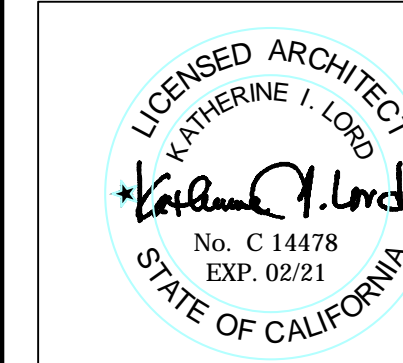
LOCATION OF EXISTING UTILITIES ON THIS PLAN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

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CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
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100% SD		08/23/19
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DSA BACKCHECK		1/10/20

Sheet Title:
DEMOLITION PLAN

Civil Engineer:
MATT KURTZ

Project Number:
1214-113

Sheet Number:

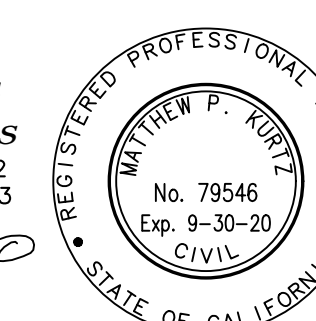
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Matthew P. Kurtz 1-10-20
MATTHEW P. KURTZ, E.C.E. 79546
EXPIRES 09-30-20



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Plotted Friday, January 03, 2020 7:45am by Donjel

GRADING CONSTRUCTION NOTES

- ② SAWCUT LINE - REMOVE AND REPLACE ENTIRE PANELS, FROM JOINT TO JOINT.
- ④② CONCRETE FLATWORK PER ARCHITECTURAL PLANS.
- ④③ CONCRETE FLATWORK THICKENED EDGE PER ARCHITECTURAL PLANS.
- ④③ CONCRETE RAMP & WALLS PER ARCHITECTURAL PLANS.
- ④④ CONCRETE STAIRS PER ARCHITECTURAL PLANS.
- ④⑤ POUR-IN-PLACE CONCRETE RETAINING AND PLANTER WALLS PER STRUCTURAL AND ARCHITECTURAL PLANS.
- ④⑥ MATCH EXISTING WALL TW. PROVIDE SMOOTH TRANSITION. INSTALL EXPANSION JOINT.
- ④⑦ ELEVATOR BUILDING AND EQUIPMENT ROOM PER ARCHITECTURAL AND STRUCTURAL PLANS.
- ④⑧ CANOPY COLUMNS PER ARCHITECTURAL AND STRUCTURAL PLANS.

STORM DRAIN CONSTRUCTION NOTES

- ④⑨ INSTALL TRENCH DRAIN PER DETAIL 12, SHEET C2.0.

WATER CONSTRUCTION NOTES

- ④⑩ RELOCATE EXISTING WATER BOX AND HARDWARE. RE-ESTABLISH ALL CONNECTIONS.
- ④⑪ NEW WATER LINE. MATCH EXISTING DIAMETER, TYPE PER DISTRICT'S SPECIFICATIONS.

LEGEND

PROPOSED CONCRETE PAVEMENT AND WALKS _ _ _ _ _ DETAILS C2.0 _ _ _

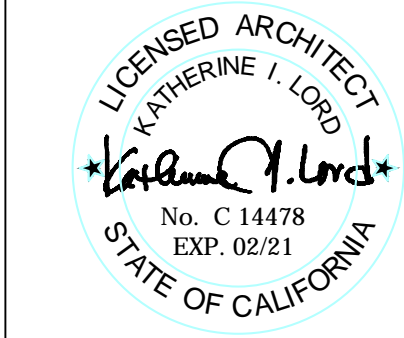
TRENCH DRAIN _ _ _ _ _

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SWEETWATER UNION HIGH SCHOOL DISTRICT CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION 820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
DSA BACKCHECK		1/10/20

Sheet Title:
**GRADING AND
UTILITY PLAN**

Civil Engineer:
MATT KURTZ

Project Number:
1214-113

Sheet Number:

C4.0

NOTE:

ALL EXISTING AND SPOT ELEVATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY BEFORE CONSTRUCTION. REPORT ANY DISCREPANCIES TO E.O.W. AND ARCHITECT.

CAUTION:

LOCATION OF EXISTING UTILITIES ON THIS PLAN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

NOTE:

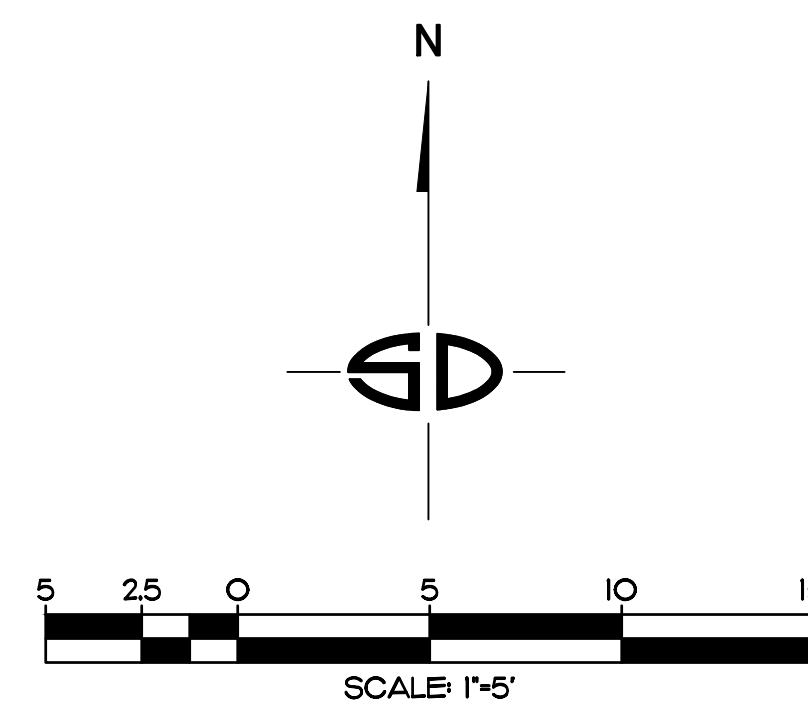
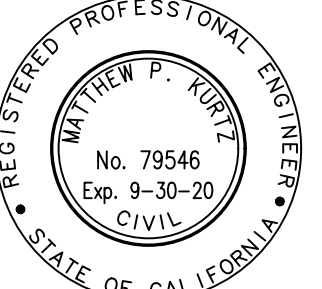
FIELD VERIFY ALL EXISTING TO/FS ELEVATIONS WHERE PROJECT JOINS EXISTING BEFORE CONSTRUCTION. REPORT ANY DISCREPANCIES TO E.O.W. AND INSPECTOR OF RECORD.

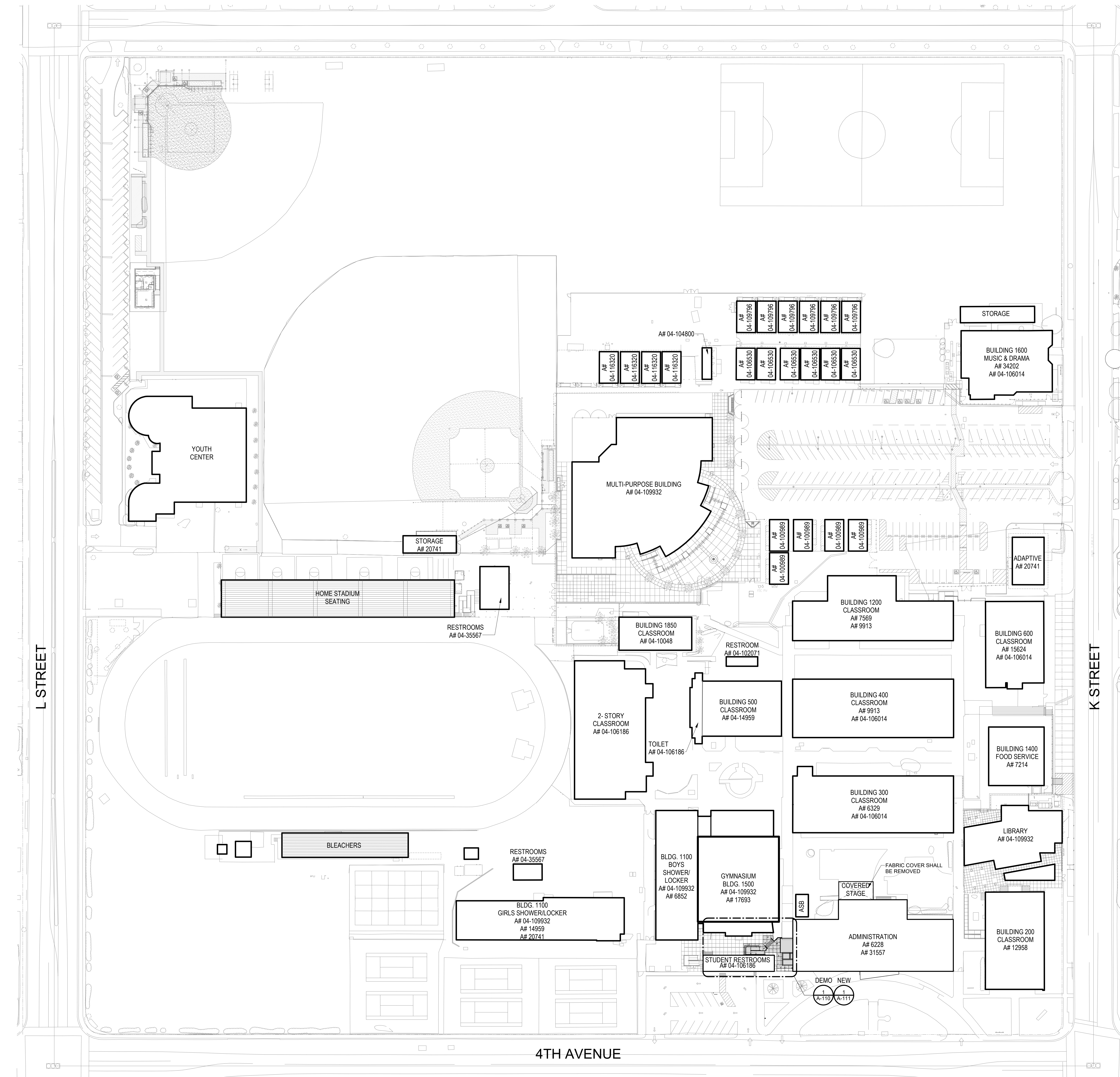
NOTE:

SEE ARCHITECTURAL PLANS FOR PAVING AND WALKS TREATMENTS, COLOR, FINISHES, JOINTS, TEXTURES AND DETAILS.

Consultant:

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MATTHEW P. KURTZ, L.C.E. 79546
EXPIRES: 09-30-20





1 OVERALL SITE PLAN
1" = 50'-0"

FEMA DATA



FIRM FLOOR INSURANCE RATE MAP

FLOOD ZONE DESIGNATION: ZONE X - AREA OF MINIMAL FLOOD HAZARD
FIRM PANEL DESIGNATION: 2152 OF 2375 (2152F)
EFFECTIVE DATE OF FIRM: JUNE 19, 1997
FIRM MAP NUMBER: 06073C2152 F
BASE FLOOR ELEVATION: 0

2016 CBC SECTION 1603.1.7
FOR BUILDING LOCATED IN WHOLE OR IN PART IN FLOOD HAZARD AREAS AS ESTABLISHED IN SECTION 1612.3, THE DOCUMENTATION PERTAINING TO DESIGN, IF REQUIRED IN SECTION 1612.5, SHALL BE INCLUDED AND THE FOLLOWING INFORMATION, REFERENCED TO THE DATUM ON THE COMMUNITY'S FLOOD INSURANCE RATE MAP (FIRM), SHALL BE SHOWN, REGARDLESS OF WHETHER FLOOD LOADS GOVERN THE DESIGN OF THE BUILDING:

1. FLOOD DESIGN CLASS ASSIGNED ACCORDING TO ASCE 24.
2. IN FLOOD HAZARD AREAS OTHER THAN COASTAL HIGH HAZARD AREAS OR COASTAL A ZONES, THE ELEVATION OF THE PROPOSED LOWEST FLOOR, INCLUDING THE BASEMENT.
3. IN FLOOD HAZARD AREAS OTHER THAN COASTAL HIGH HAZARD AREAS OR COASTAL A ZONES, THE ELEVATION TO WHICH ANY NONRESIDENTIAL BUILDING WILL BE DRY FLOODPROOFED.
4. IN COASTAL HAZARD AREAS AND COASTAL A ZONES, THE PROPOSED ELEVATION OF THE BOTTOM OF THE LOWEST HORIZONTAL STRUCTURAL MEMBER OF THE LOWEST FLOOR, INCLUDING THE BASEMENT.

SITE PLAN LEGEND

- EXISTING BUILDINGS
AREA OF WORK

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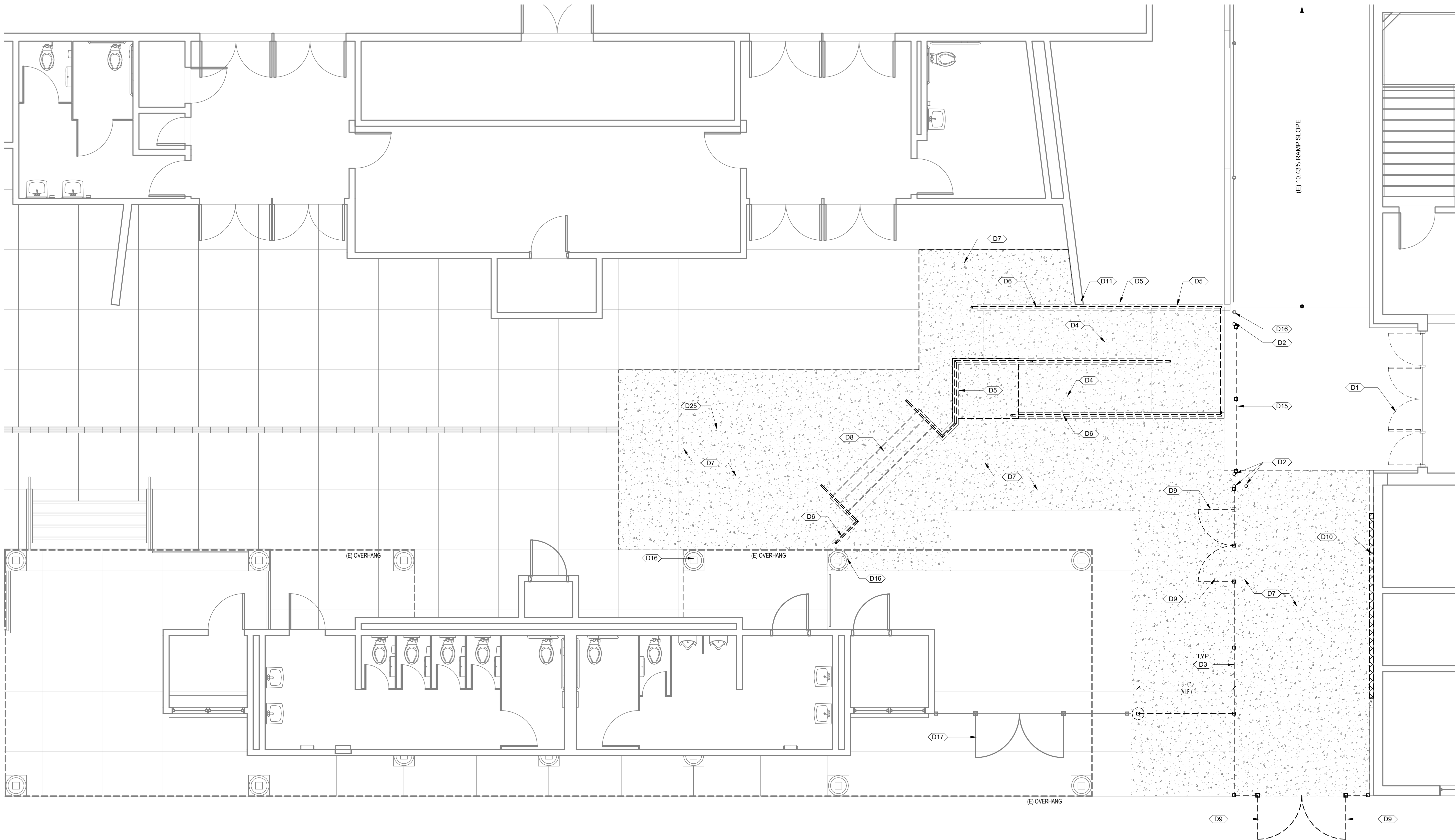
SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19

Sheet Title: OVERALL SITE PLAN	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:
A-100



1 ENLARGED DEMOLITION SITE PLAN
1/4" = 1'-0"

DEMOLITION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
D1	REMOVE EXISTING STOREFRONT AND PREPARE FOR NEW CONSTRUCTION
D2	REMOVE EXISTING POST, CUT POST AS DEEP AS POSSIBLE FOR NEW CONSTRUCTION
D3	REMOVE EXISTING ORNAMENTAL FENCE. CUT POST AS DEEP AS POSSIBLE FOR NEW CONSTRUCTION
D4	REMOVE EXISTING CONCRETE RAMP AND PREPARE FOR NEW CONSTRUCTION
D5	REMOVE EXISTING CONCRETE RETAINING WALL
D6	REMOVE EXISTING HANDRAIL
D7	REMOVE EXISTING CONCRETE WALKWAY FROM (E) CONTROL JOINT (V.I.F.)
D8	REMOVE EXISTING CONCRETE STAIRS
D9	REMOVE EXISTING ORNAMENTAL GATE AND RETURN TO OWNER
D10	REMOVE (E) BRICK WAINSCOT
D11	CONTRACTOR TO PROTECT (E) WALL IN PLACE
D15	REMOVE EXISTING ORNAMENTAL ROLLING GATE AND RETURN TO OWNER
D16	EXISTING POST TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
D17	EXISTING ORNAMENTAL GATE TO REMAIN
D25	REMOVE (E) TRENCH DRAIN PER CIVIL DRAWINGS

DEMOLITION LEGEND

 REMOVE EXISTING CONCRETE

HAZARDOUS MATERIAL NOTE

1. HAZARDOUS MATERIALS MAY BE PRESENT AND NEEDS TO BE COORDINATED WITH SUHSD. REFER TO NUNO & MOORE REPORT INCLUDED IN THE BID DOCUMENTS FOR SCOPE AND COORDINATION. CONTRACTOR TO INCLUDE ABATEMENT IN SCOPE OF WORK. SUHSD WILL PROVIDE THE BID DOCUMENTS AND SPECS FOR THIS WORK

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SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
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820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19

Sheet Title:
ENLARGED DEMOLITION SITE
PLAN

Project Architect:
KATHERINE LORD
Project Number:
1214-113

Sheet Number:
A-110



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SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
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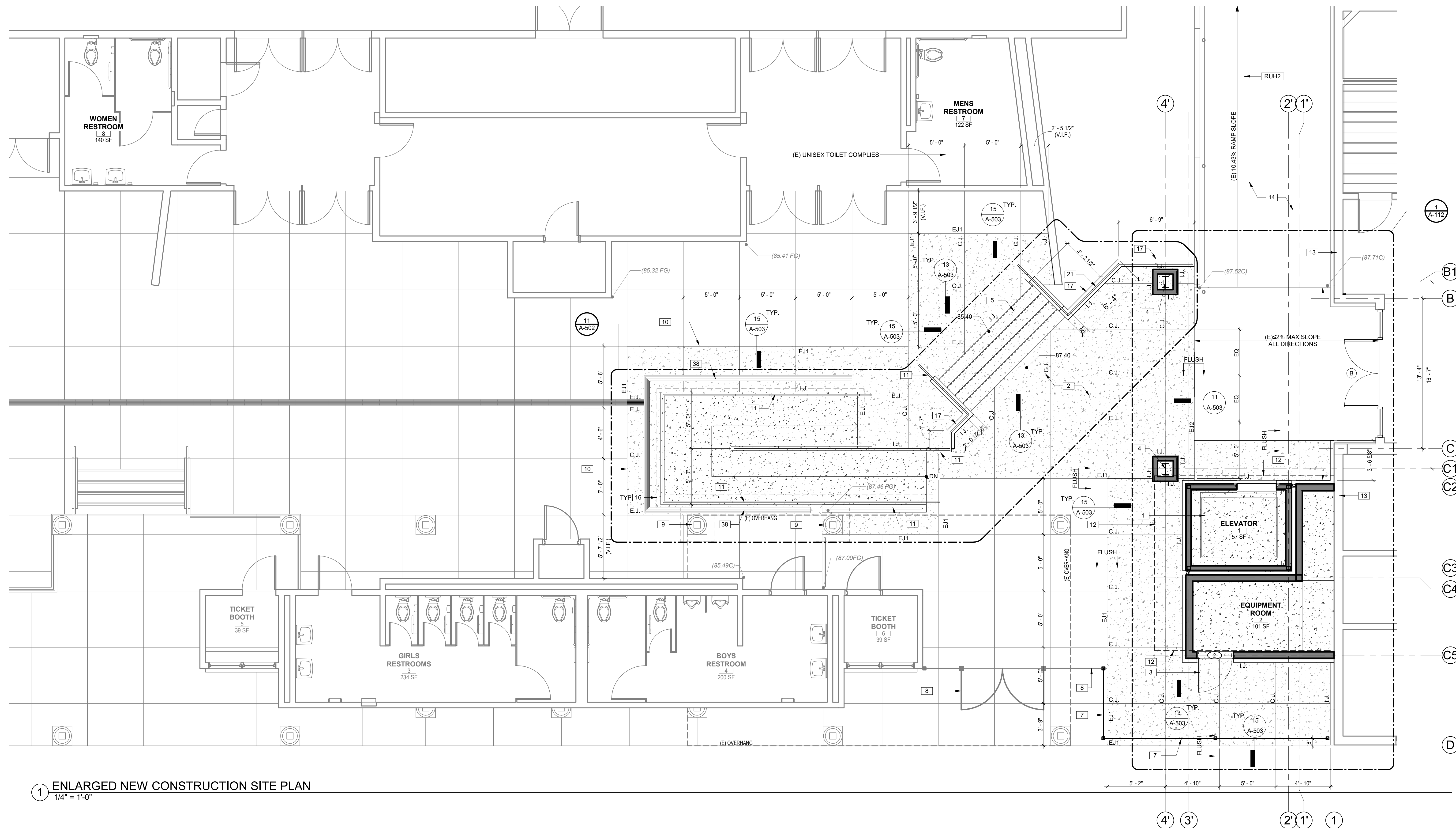
Sheet Title:
ENLARGED SITE PLAN

Project Architect:
KATHERINE LORD

Project Number:
1214-113

Sheet Number:

A-111



1 ENLARGED NEW CONSTRUCTION SITE PLAN
1/4" = 1'-0"

1-RUH KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
RUH2	(E) RAMP NOT ACCESSIBLE. RAMP EXCEEDS 30'-0" MAX SPAN. (E) RAMP CONTAINS A +/-10% SLOPE AND <2% CROSS SLOPE. HANDRAILS NEED TO BE PROVIDED.

NEW CONSTRUCTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
1	NEW ELEVATOR PER A#03-118201
2	NEW CONCRETE WALKWAY, SEE DETAIL 16/A-503
3	NEW DOOR PER DOOR SCHEDULE
4	STRUCTURAL STEEL COLUMN PER STRUCTURAL DRAWINGS
5	CONCRETE STAIRS, SEE DETAIL 28 3/A-502
7	ORNAMENTAL FENCE, SEE DETAIL 3/A-503
8	EXISTING ORNAMENTAL GATE TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
9	EXISTING COLUMN TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
10	(E) CONCRETE TO NEW EXPANSION JOINT CONNECTION PER DETAIL 15/A-503
11	NEW HANDRAILS, REFER TO SHEET A-502
12	ELEVATOR PIT SLAB OUTLINE BELOW, REFER TO STRUCTURAL DRAWINGS
13	EXISTING POUR IN PLACE CONCRETE WALL
14	EXISTING RAMP TO REMAIN
16	RAMP FOOTING OUTLINE, REFER TO STRUCTURAL DRAWINGS
17	CONCRETE RETAINING WALL, PER STRUCTURAL DRAWINGS
21	GUARDRAIL PER DETAIL 7/A-503
38	TRENCH DRAIN PER CIVIL DRAWINGS

LEGEND

	NEW CONCRETE
	NEW WALL
	WALL ASSEMBLY SYMBOL, REFER TO SHEET A-501
	DOOR SYMBOL, REFER TO DOOR SCHEDULE ON SHEET A-600
	STOREFRONT SYMBOL, REFER TO DOOR SCHEDULE ON SHEET A-600
E.J.	EXPANSION JOINT, SEE DETAIL 12/A-503
E.J.1	EXPANSION JOINT, SEE DETAIL 15/A-503
C.J.	CONTROL JOINT, SEE DETAIL 13/A-503
I.J.	ISOLATION JOINT, SEE DETAIL 14/A-503



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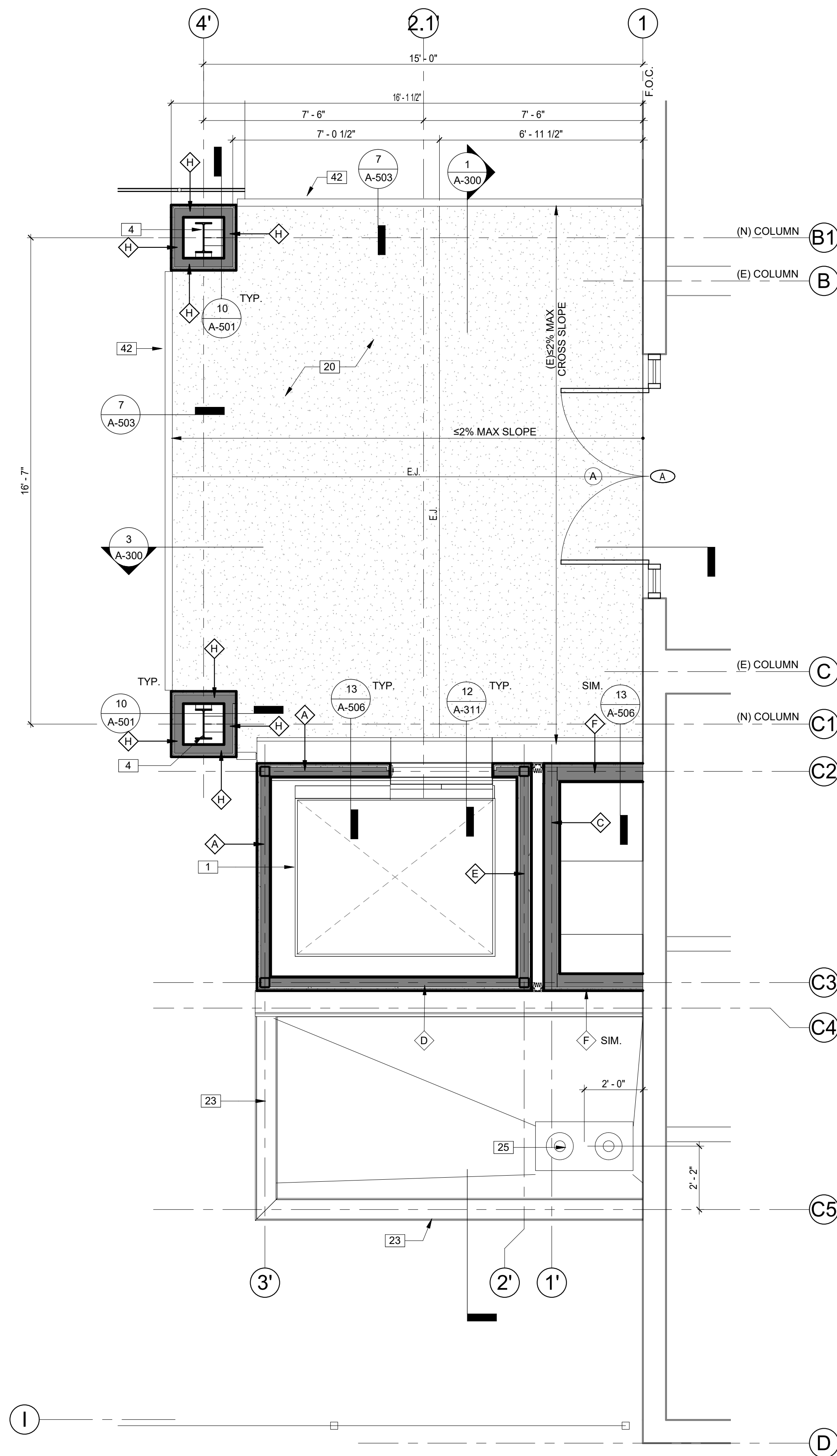


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4	100% DD	10/11/19
9	DSA SUBMITTAL	11/18/19
42	BACKCHECK	11/10/19

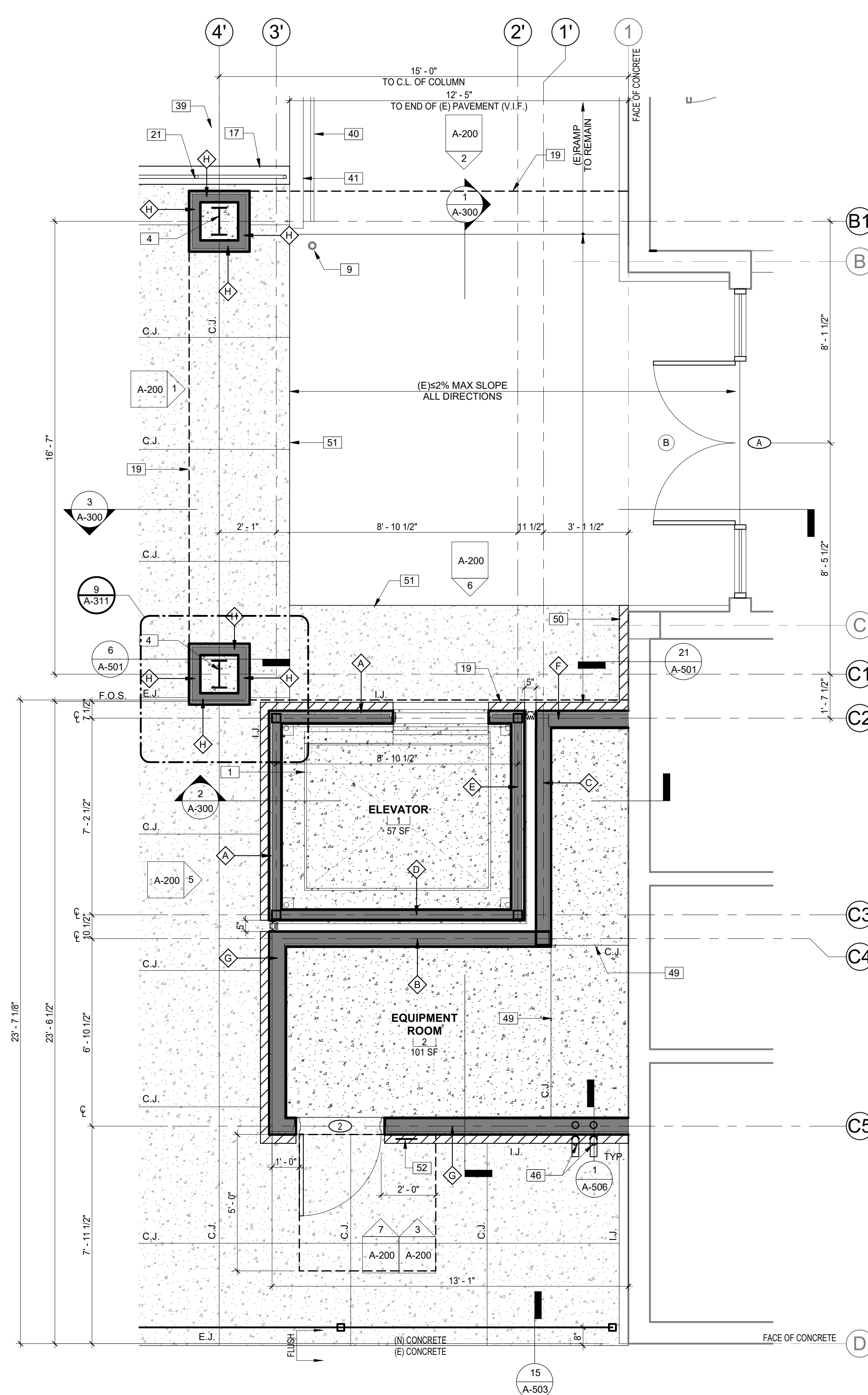
Sheet Title: ENLARGED 1ST FLOOR PLAN & 2ND FLOOR PLAN	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:

A-112



2 ENLARGED ELEVATOR SECOND FLOOR PLAN
3/8" = 1'-0"



1 ENLARGED ELEVATOR FIRST FLOOR PLAN
3/8" = 1'-0"



LEGEND

	NEW CONCRETE
	CONCRETE STEEL DECK PER STRUCTURAL DWGS.
	NEW WALL
	WALL ASSEMBLY SYMBOL, REFER TO SHEET A-501
	DOOR SYMBOL, REFER TO DOOR SCHEDULE ON SHEET A-600
	STOREFRONT SYMBOL, REFER TO DOOR SCHEDULE ON SHEET A-600
E.J.	EXPANSION JOINT, SEE DETAIL 12 / A-503
E.J.1	EXPANSION JOINT, SEE DETAIL 15 / A-503
C.J.	CONTROL JOINT, SEE DETAIL 13 / A-503
I.J.	ISOLATION JOINT, SEE DETAIL 14 / A-503

NEW CONSTRUCTION KEYNOTE LEGEND

KEY CODE	DESCRIPTION
1	NEW ELEVATOR PER A-603-118291
4	STRUCTURAL STEEL COLUMN PER STRUCTURAL DRAWINGS
9	EXISTING COLUMN TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
17	CONCRETE RETAINING WALL PER STRUCTURAL DRAWINGS
19	OUTLINE OF SECOND FLOOR LANDING
20	CONCRETE STEEL DECK PER STRUCTURAL DRAWINGS.
21	GUARDRAIL PER DETAIL 7/A-503
23	METAL COPING BELOW
25	ROOF DRAIN AND OVERFLOW, SEE DETAIL 13/A-505
39	ADJACENT GRADE BELOW
42	GUARDRAIL PER DETAIL 8 & 9/A-503
46	ROOF/OVERFLOW PER DETAIL 1 & 2/A-506
49	CONTROL JOINT PER STRUCTURAL
50	NEW BRICK VENEER TO MATCH EXISTING
51	JOINT PER STRUCTURAL DRAWINGS
52	ROOM IDENTIFICATION SIGN SEE DETAIL 9/A-600

SWEETWATER UNION HIGH SCHOOL DISTRICT
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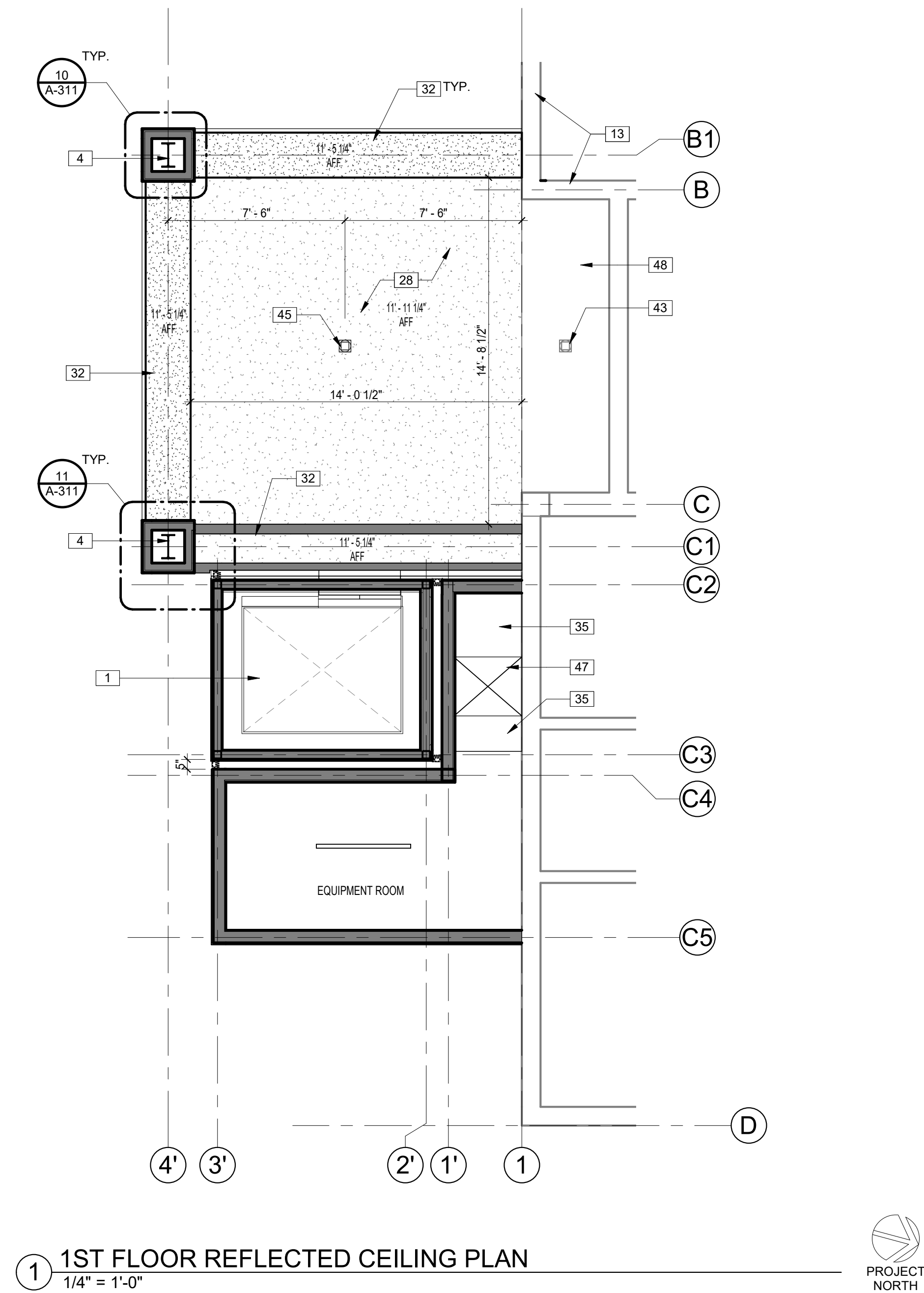
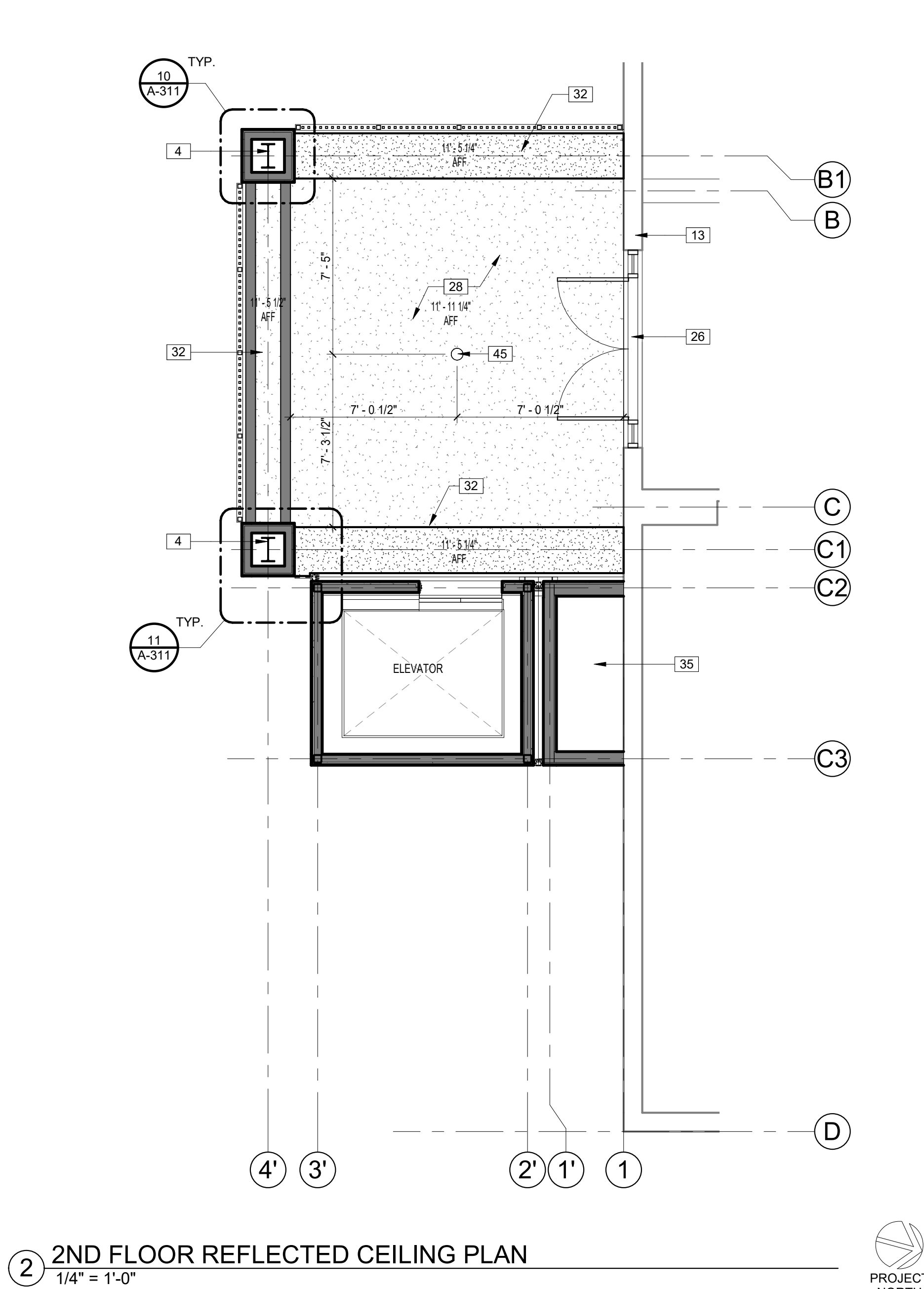
Issue Schedule		
No.	Description	Date
	100% SD	08/23/19
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	DSA SUBMITTAL	11/18/19
	BACKCHECK	11/10/19

1ST FLOOR & 2ND FLOOR
REFLECTED CEILING PLAN
LANDING

1214-113	KATHERINE LORD
----------	----------------

Sheet Number:

A-120



CEILING PLAN LEGEND

7/8" CEMENT PLASTER ON METAL LATH OVER 2-
LAYERS BLDG. PAPER, WRAP PAPER OVER TOP
PLATE TO MATCH EXISTING, TYP.

NEW WALL PER PLAN, REFER TO SHEET A-112

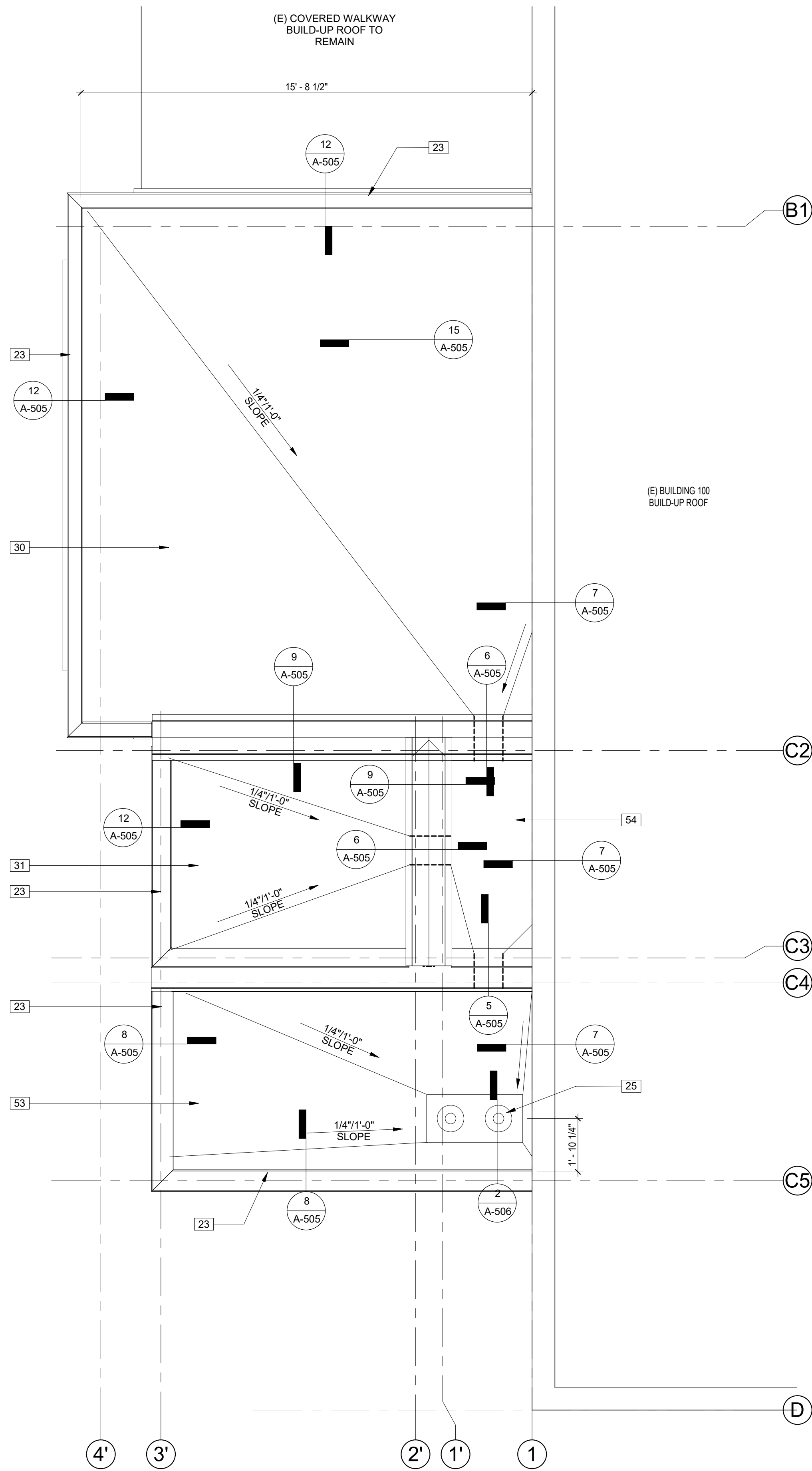
DOWNLIGHT FIXTURE PER ELECTRICAL DRAWINGS

(E) DOWNLIGHT FIXTURE PER ELECTRICAL DRAWINGS

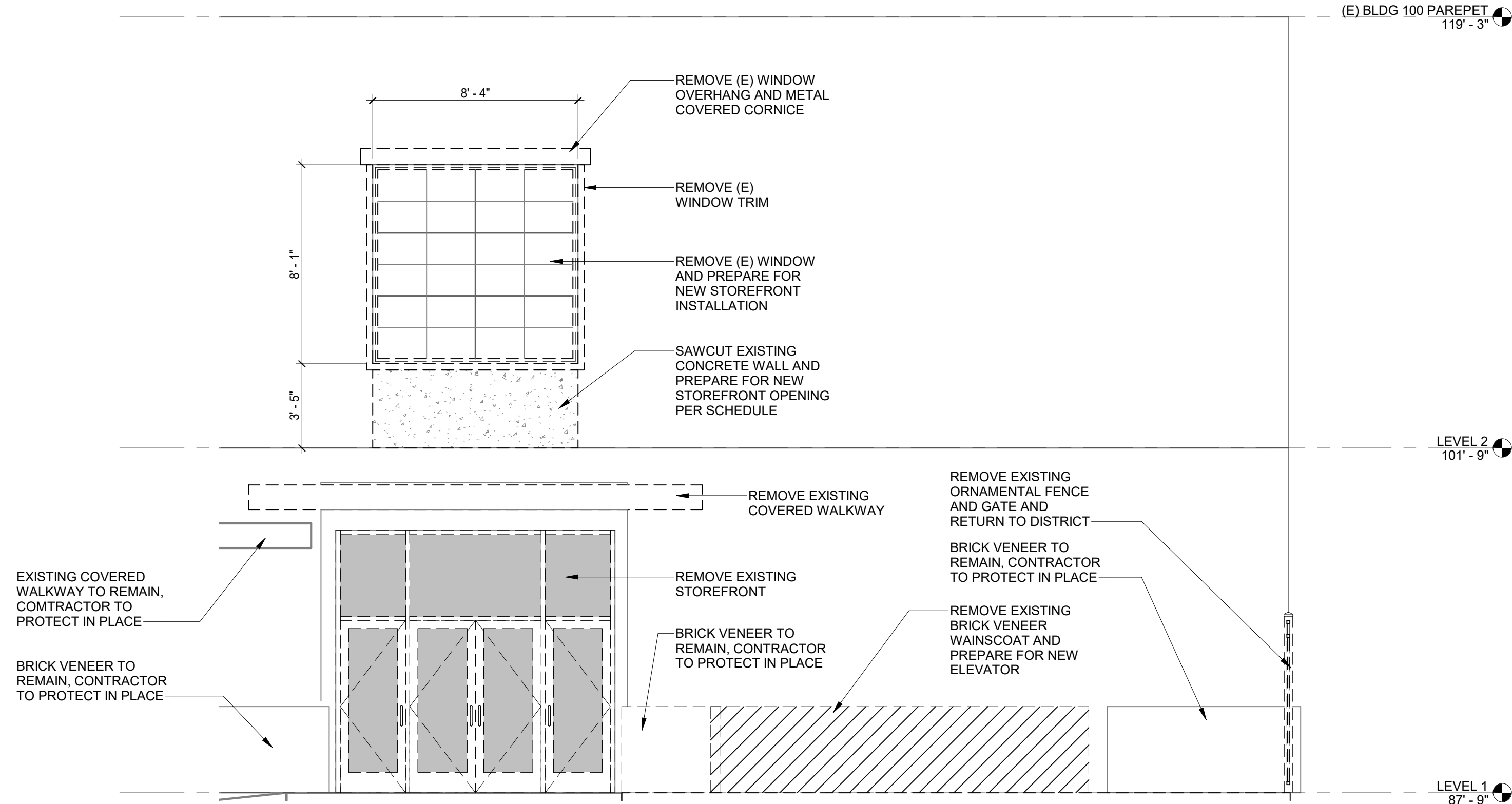
NEW CONSTRUCTION KEYNOTE LEGEND

KEY CODE	DESCRIPTION
1	NEW ELEVATOR PER A603-11B291
4	STRUCTURAL STEEL COLUMN PER STRUCTURAL DRAWINGS
13	EXISTING POUR IN PLACE CONCRETE WALL
26	STOREFRONT PER SCHEDULE, SEE SHEET A-600
30	STUCCO FINISH ON CEILING TO MATCH EXISTING
32	NEW SOFFIT WRAPPED IN STUCCO FINISH, REFER TO SECTION ON SHEET A-300
35	EXPOSED STRUCTURE CEILING
43	EXISTING DOWNLIGHT TO REMAIN
45	NEW DOWNLIGHT PER ELECTRICAL DRAWINGS
46	30" X 36" ACCESS OPENING THROUGH GELING
48	EXISTING STUCCO FINISH CEILING TO REMAIN

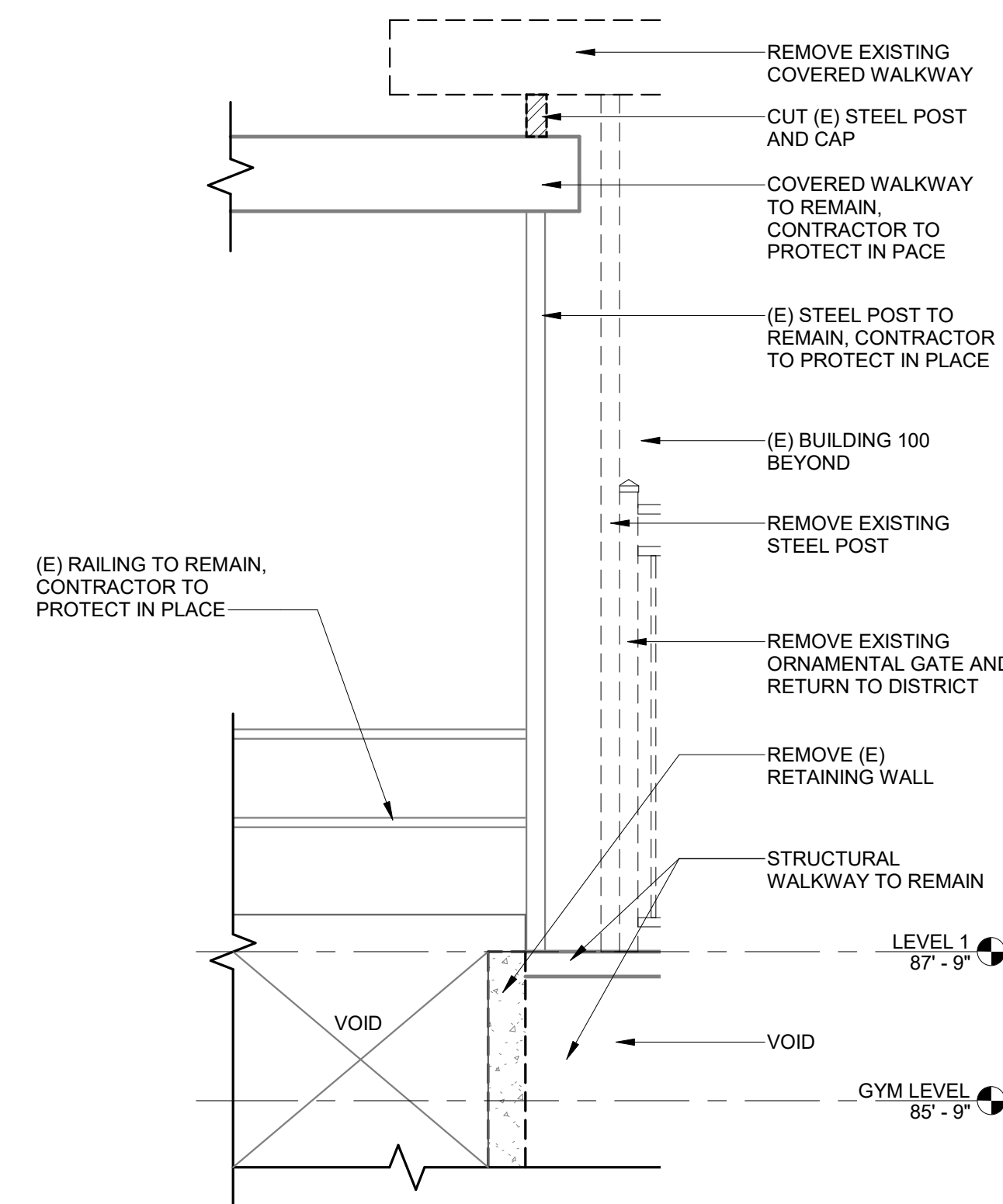
2 ENLARGED NEW CONSTRUCTION ROOF PLAN
3/8" = 1'-0"



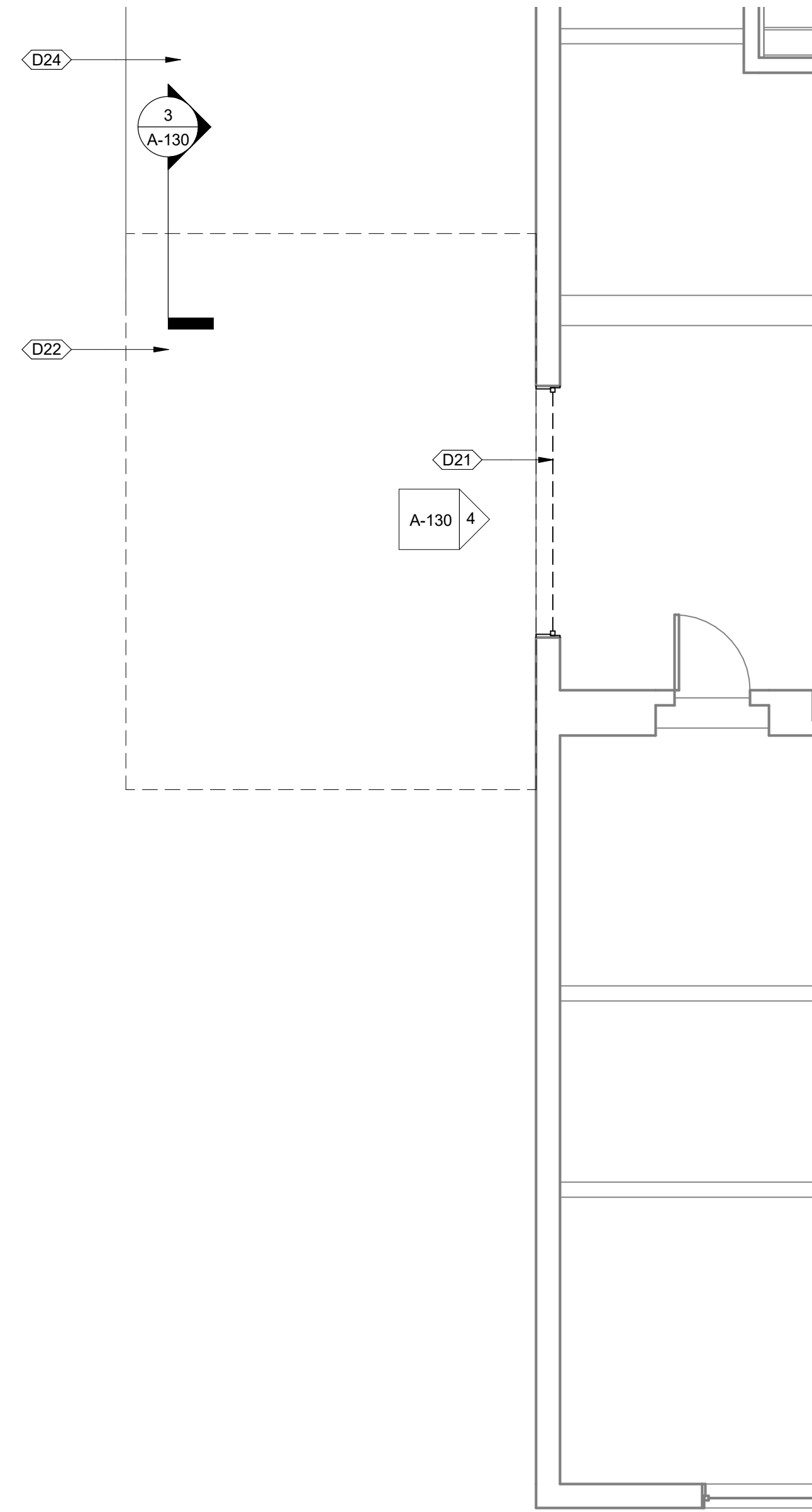
4 DEMOLITION AT SOUTH ELEVATION
1/4" = 1'-0"



3 DEMOLITION AT COVERED WALKWAY
1/2" = 1'-0"



1 ENLARGED DEMOLITION ROOF PLAN
1/4" = 1'-0"



HAZARDOUS MATERIAL NOTE

- HAZARDOUS MATERIALS MAY BE PRESENT AND NEEDS TO BE COORDINATED WITH SUHSD. REFER TO NAIYO & MOORE REPORT INCLUDED IN THE BID DOCUMENTS FOR SCOPE AND COORDINATION. CONTRACTOR TO INCLUDE ABATEMENT IN SCOPE OF WORK. SUHSD WILL PROVIDE THE BID DOCUMENTS AND SPECS FOR THIS WORK

DEMOLITION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
D21	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW CONSTRUCTION
D22	REMOVE EXISTING COVERED WALKWAY AND PREPARE FOR NEW CONSTRUCTION. CONTRACTOR TO PROTECT (E) POUR IN PLACE BLDG. 100 EXTERIOR WALL IN PLACE.
D24	EXISTING COVERED WALKWAY TO REMAIN. CONTRACTOR TO PROTECT IN PLACE

NEW CONSTRUCTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
23	METAL COPING BELOW
25	ROOF DRAIN AND OVERFLOW, SEE DETAIL 13/A-505
30	SINGLE PLY PVC ROOF MEMBRANE OVER CONCRETE DECK, SEE DETAIL 15/A-505
31	SINGLE PLY PVC ROOF MEMBRANE, SEE DETAIL 14/A-505
53	SINGLE PLY PVC ROOF MEMBRANE, SEE DETAIL 17/A-505
54	SINGLE PLY PVC ROOF MEMBRANE, SEE DETAIL 16/A-505

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APP. 04-118833 INC.
REVIEWED FOR
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Lord Architecture Inc.
11650 Iberia Place, Suite 210
San Diego, CA 92128-2455
858-485-6980, 858-485-1510 fax

SWEETWATER UNION HIGH SCHOOL DISTRICT CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION - BARRIER REMOVAL 820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title:
DEMOLITION ROOF PLAN &
NEW CONSTRUCTION ROOF
PLAN
Project Architect:
KATHERINE LORD
Project Number:
1214-113

Sheet Number:

A-130



Lord Architecture Inc.
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**SWEETWATER UNION HIGH SCHOOL DISTRICT -
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL**
820 4TH AVE., CHULA VISTA, CA, 91911

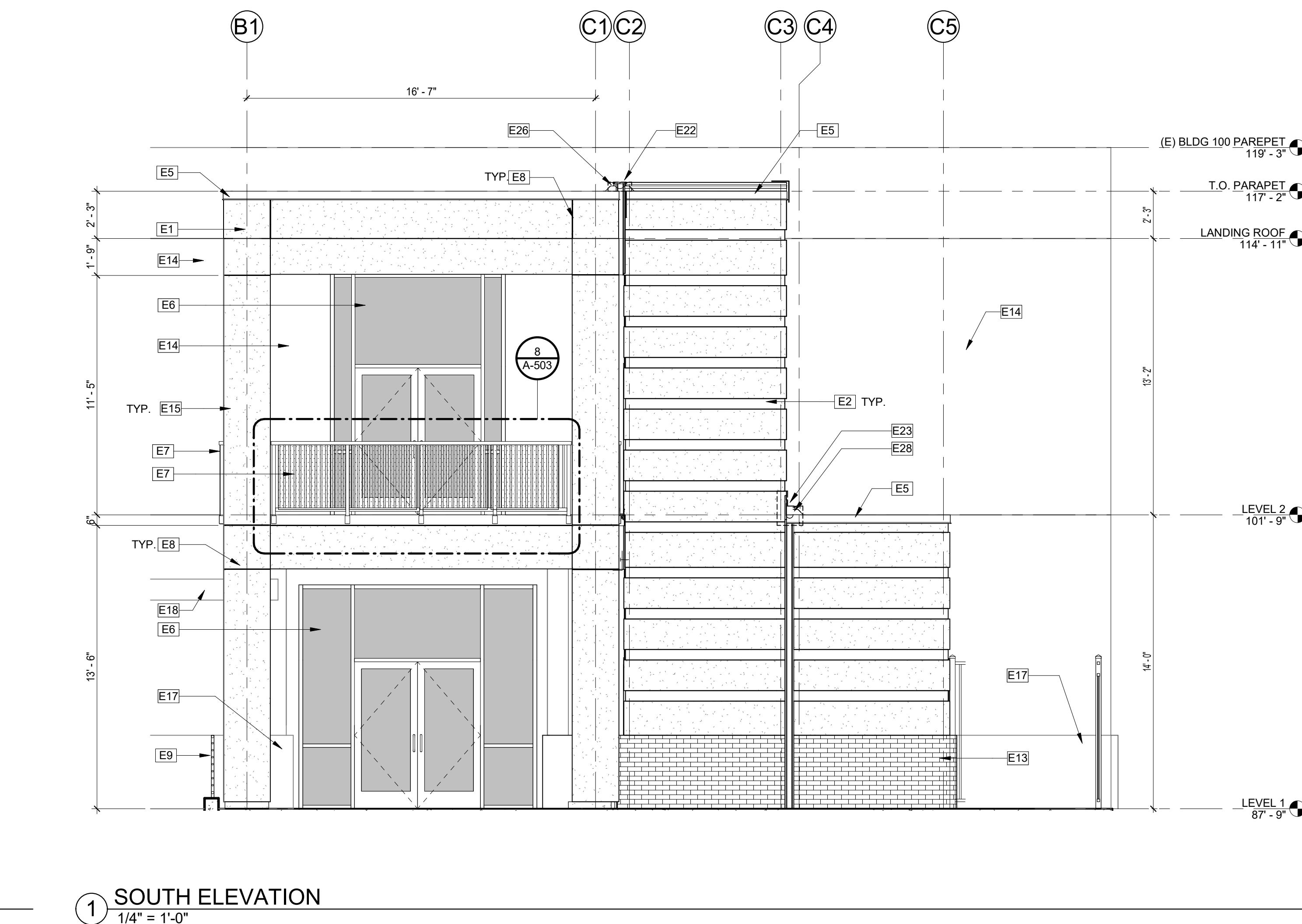


Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

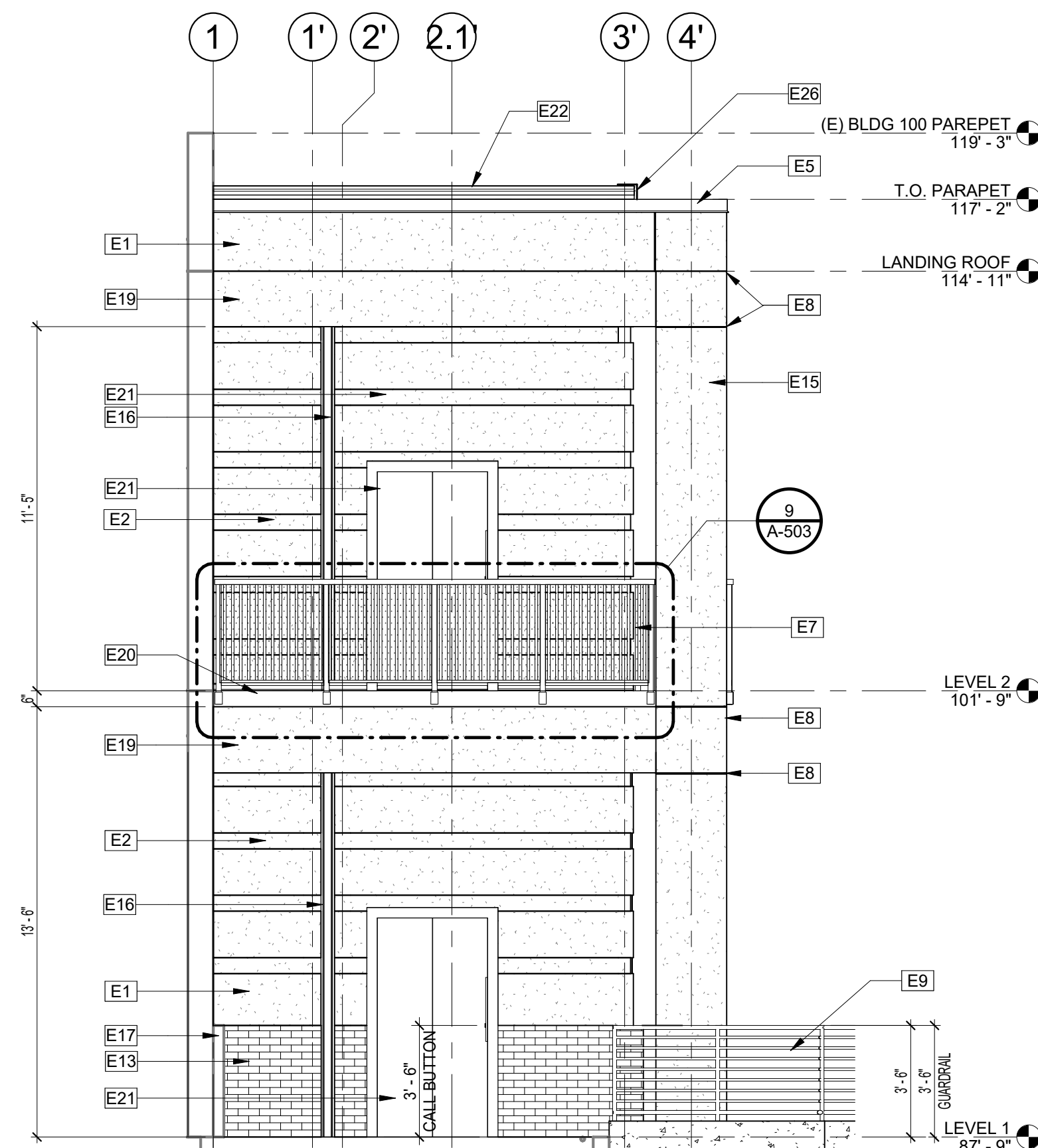
Sheet Title: EXTERIOR ELEVATIONS	Project Architect: KATHERINE LORD	
	Project Number: 1214-113	

Sheet Number:
A-200

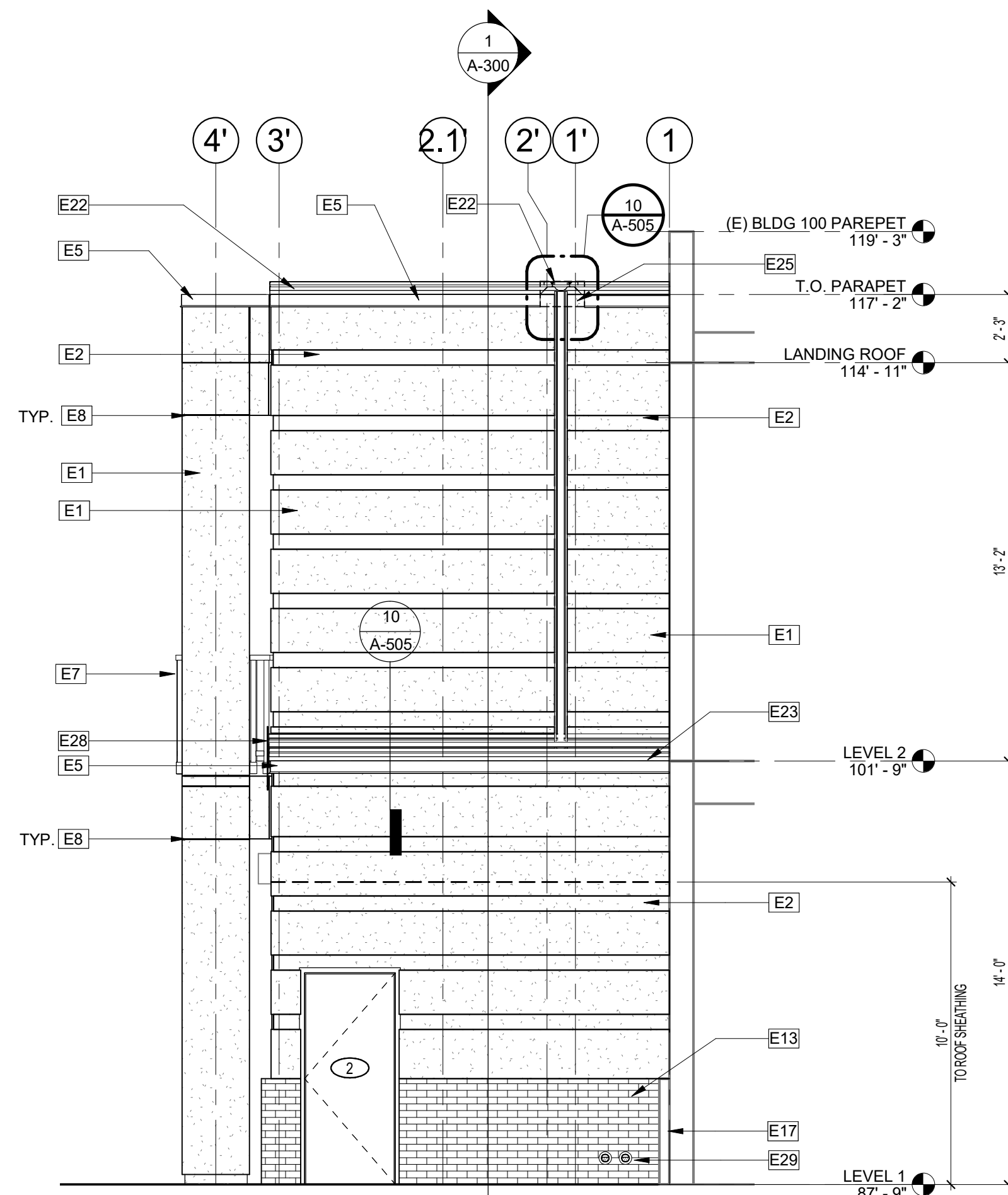
NEW CONSTRUCTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
E1	STUCCO FINISH TO MATCH EXISTING
E2	STUCCO CHANNEL, SCREED, PAINTED, SEE DETAIL 2/A-504
E5	METAL COPING, PAINTED
E6	STOREFRONT PER SCHEDULE, REFER TO SHEET A-600
E7	SD, STEEL TUBE GUARDRAIL PAINTED
E8	STUCCO REVEAL, PAINTED, SEE DETAIL 1/A-504
E9	GUARDRAIL, SEE DETAIL 1/A-503
E13	BRICK VENEER WAINSCOT TO MATCH EXISTING, REFER TO WALL DETAILS ON DETAIL 1/A-112
E14	EXISTING CONCRETE WALL COVERED IN STUCCO TO REMAIN
E15	STRUCTURAL COLUMN WRAPPED IN STUCCO, SEE DETAIL 6/A-501
E16	WALL MOUNTED SEISMIC JOINT, SEE DETAIL 16/A-504
E17	EXISTING BRICK VENEER WAINCOT TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
E18	EXISTING COVERED WALKWAY TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
E19	SOFFIT WRAPPED IN STUCCO TO MATCH EXISTING
E20	CONCRETE OVER STEEL DECKING FLOOR PER STRUCTURAL DRAWINGS
E21	STAINLESS STEEL ELEVATOR DOOR PER ELEVATOR MANUFACTURER DRAWINGS
E22	CONSTRUCTION SPECIALTIES - SRJ ROOF SEISMIC JOINT, SEE DETAIL 9/A-505
E23	CONSTRUCTION SPECIALTIES - SRJW ROOF/WALL SEISMIC JOINT, SEE DETAIL 10/A-505
E25	CONSTRUCTION SPECIALTIES - SRJ FEW END - FACTORY FABRICATED ALUMINUM ENDCAP FOR ROOF SEISMIC JOINT ENDCAP, SEE DETAIL 6/A-506
E26	CONSTRUCTION SPECIALTIES - SRJ FEW MOD END - FACTORY FABRICATED ALUMINUM ENDCAP FOR ROOF SEISMIC JOINT ENDCAP, SEE DETAIL 6/A-506
E28	CONSTRUCTION SPECIALTIES - SRJW FEW END - FORMED ALUMINUM ROOF END CAP AT TRANSITION TO WALL COVER, SE DETAIL 5/A-506
E29	ROOF/OVERFLOW PER DETAIL 1 & 2/A-506



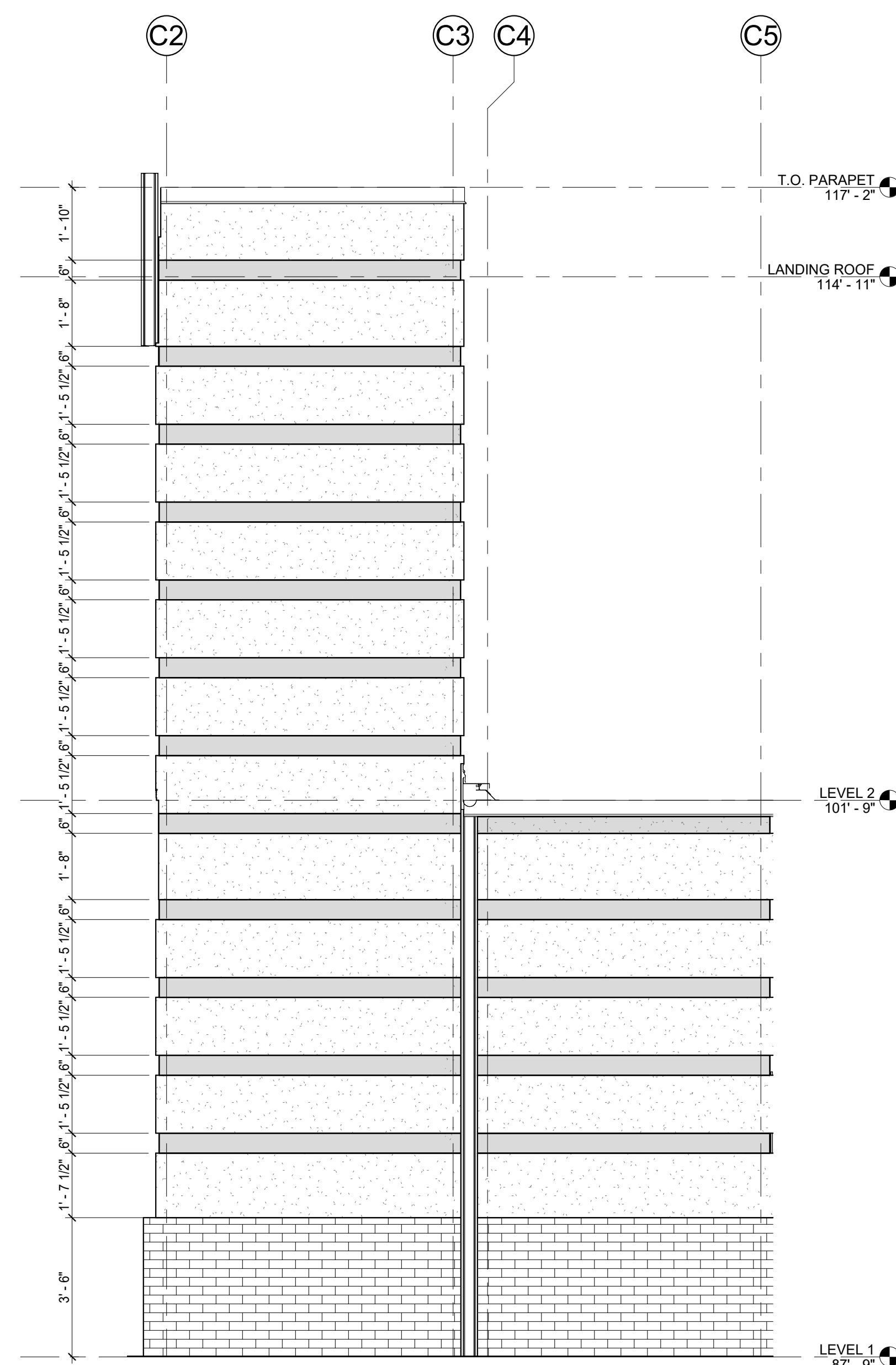
⑤ SOUTH ELEVATION
1/4" = 1'-0"



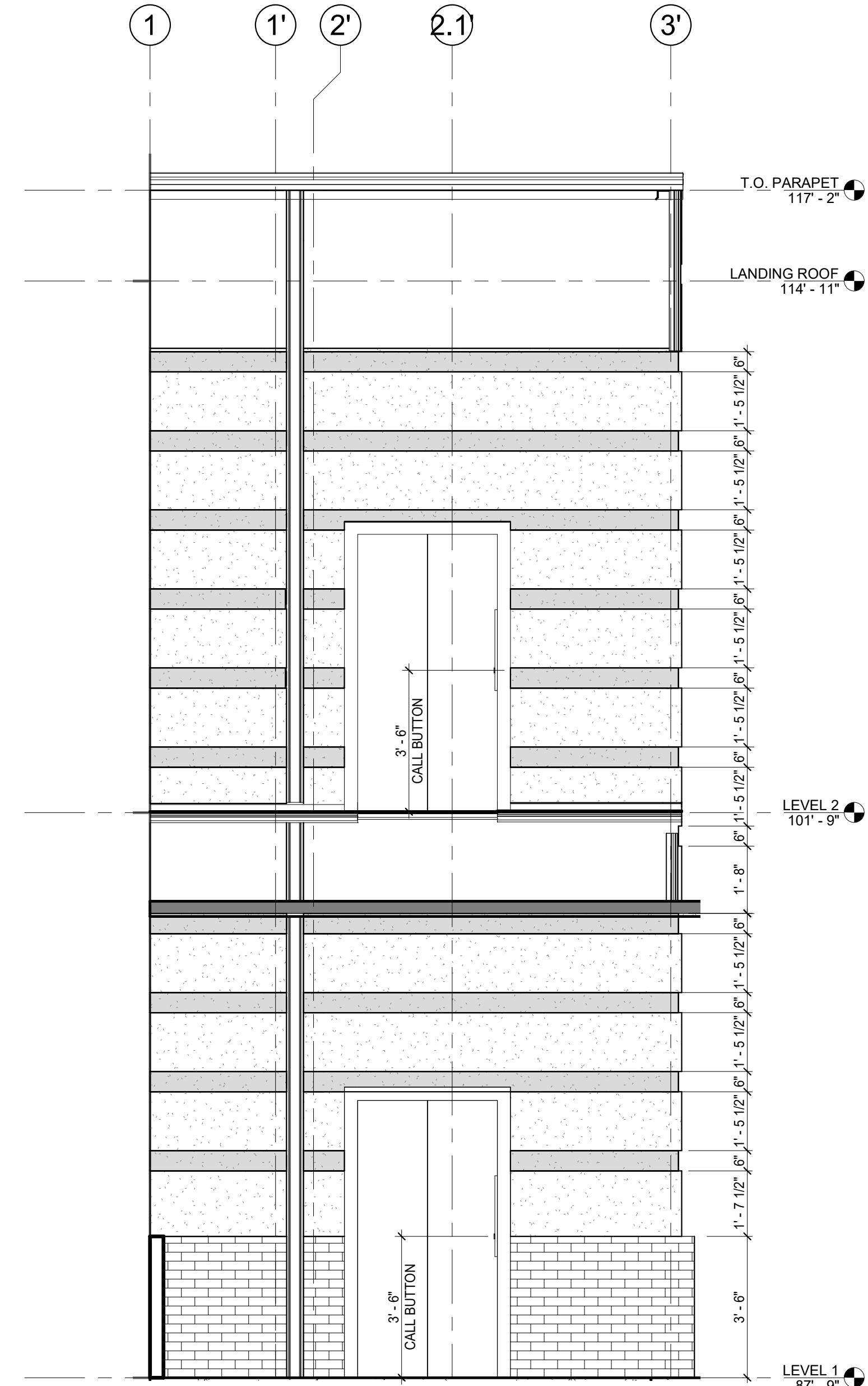
② WEST ELEVATION
1/4" = 1'-0"



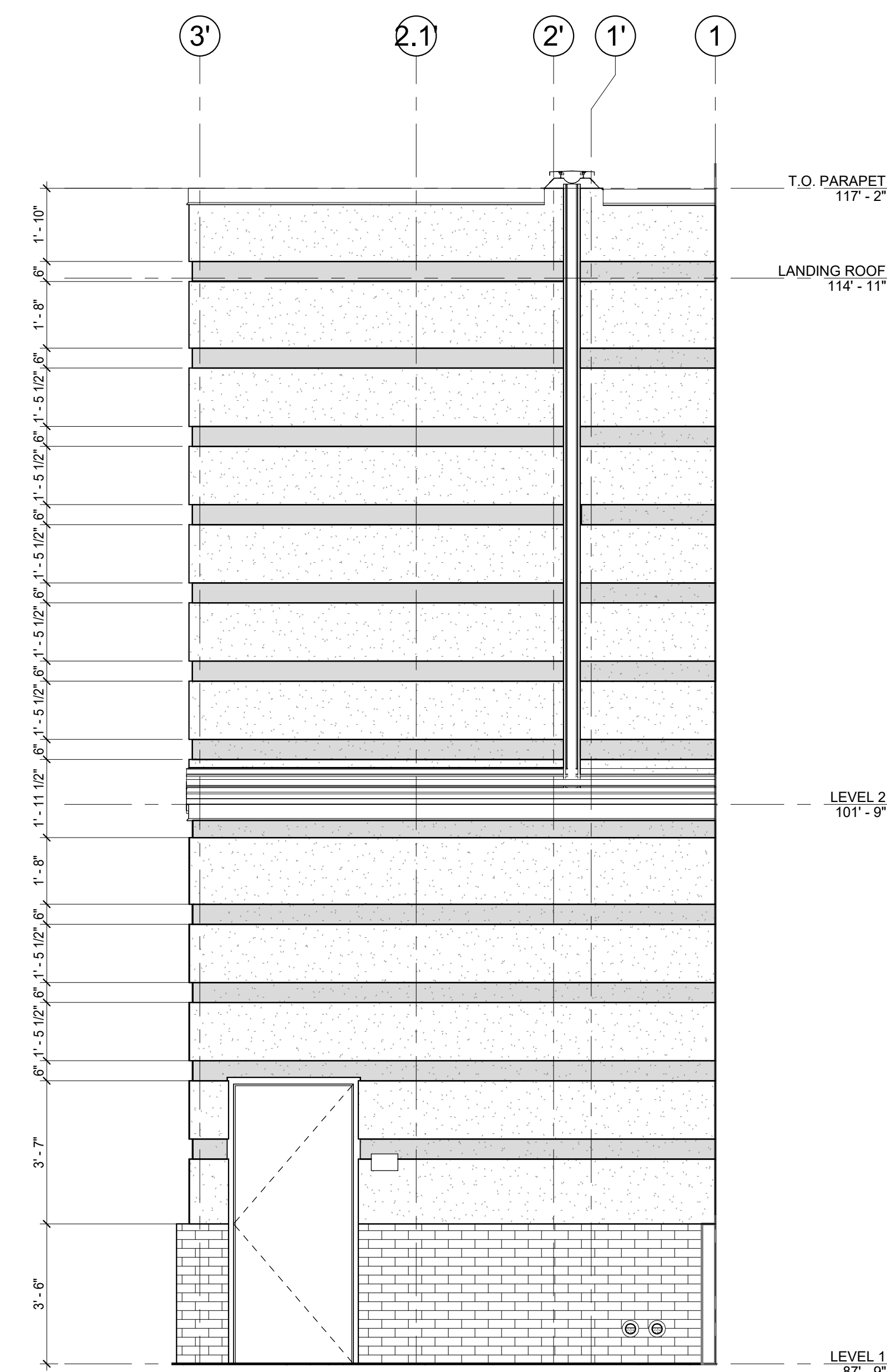
③ EAST ELEVATION
1/4" = 1'-0"



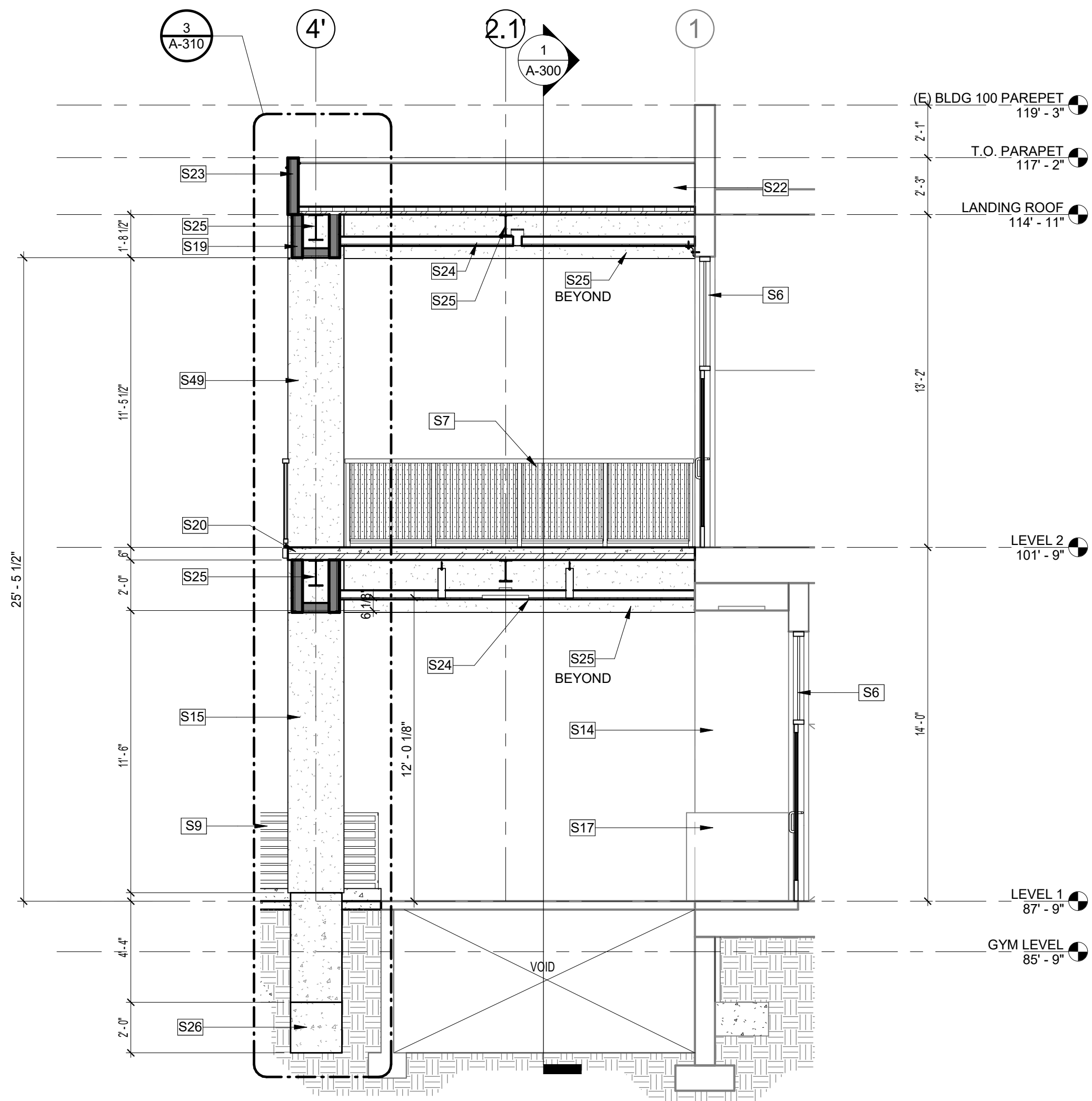
⑤ NORTH VIEW CONTROL JOINT DIMENSIONS
3/8" = 1'-0"



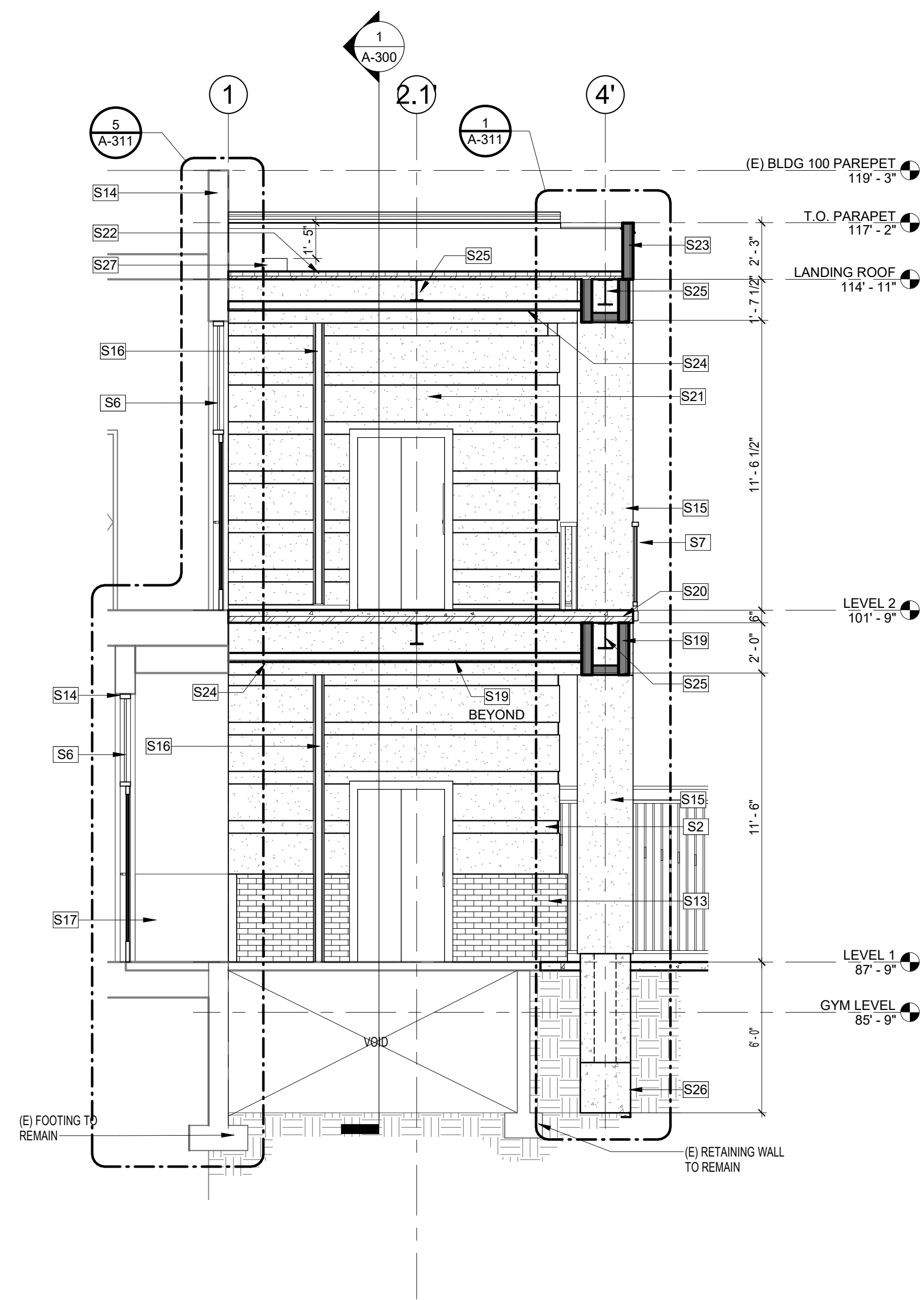
⑥ EAST VIEW CONTROL JOINT DEIMENSION
3/8" = 1'-0"



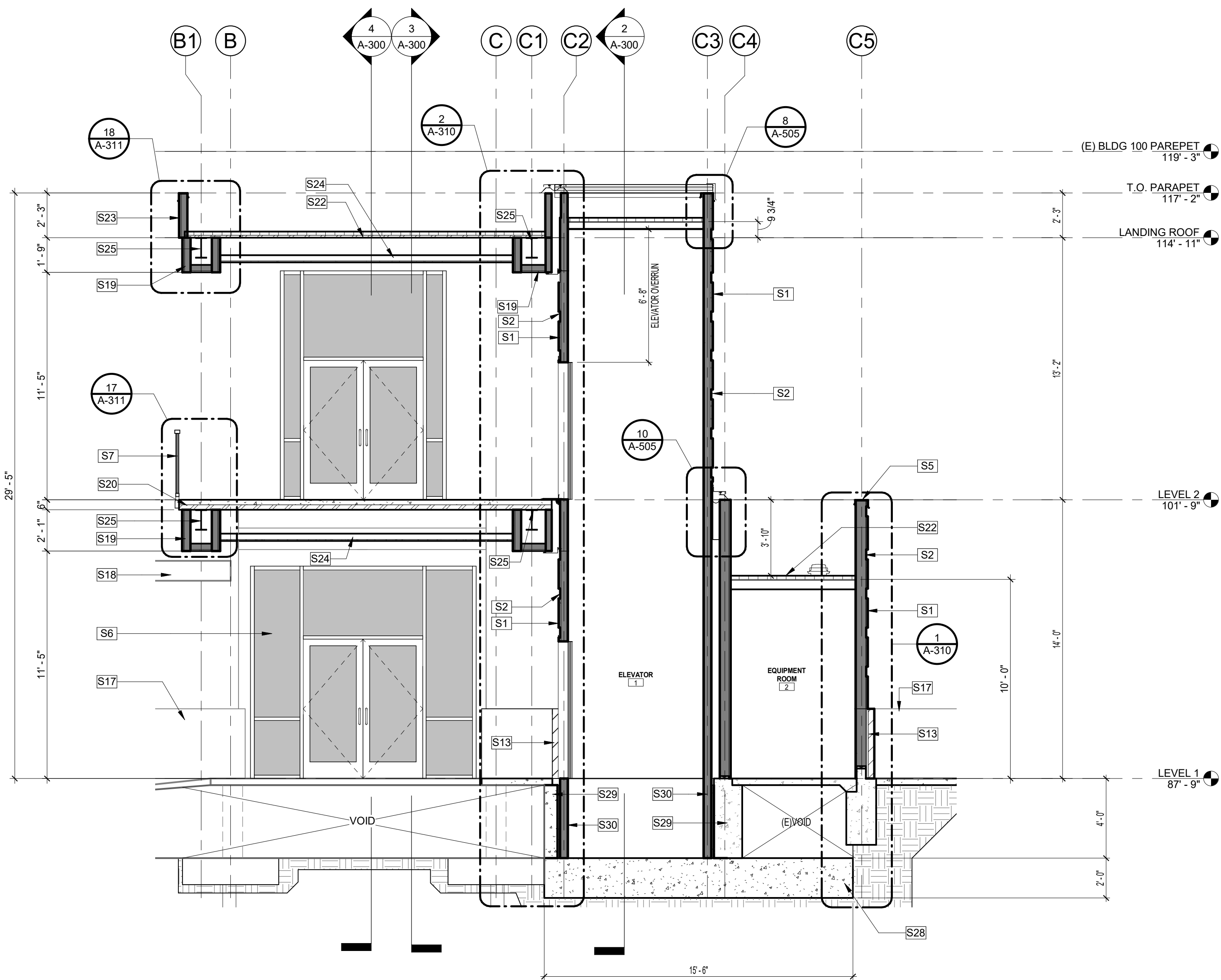
⑦ WEST VIEW CONTROL JOINT DIMENSION
3/8" = 1'-0"



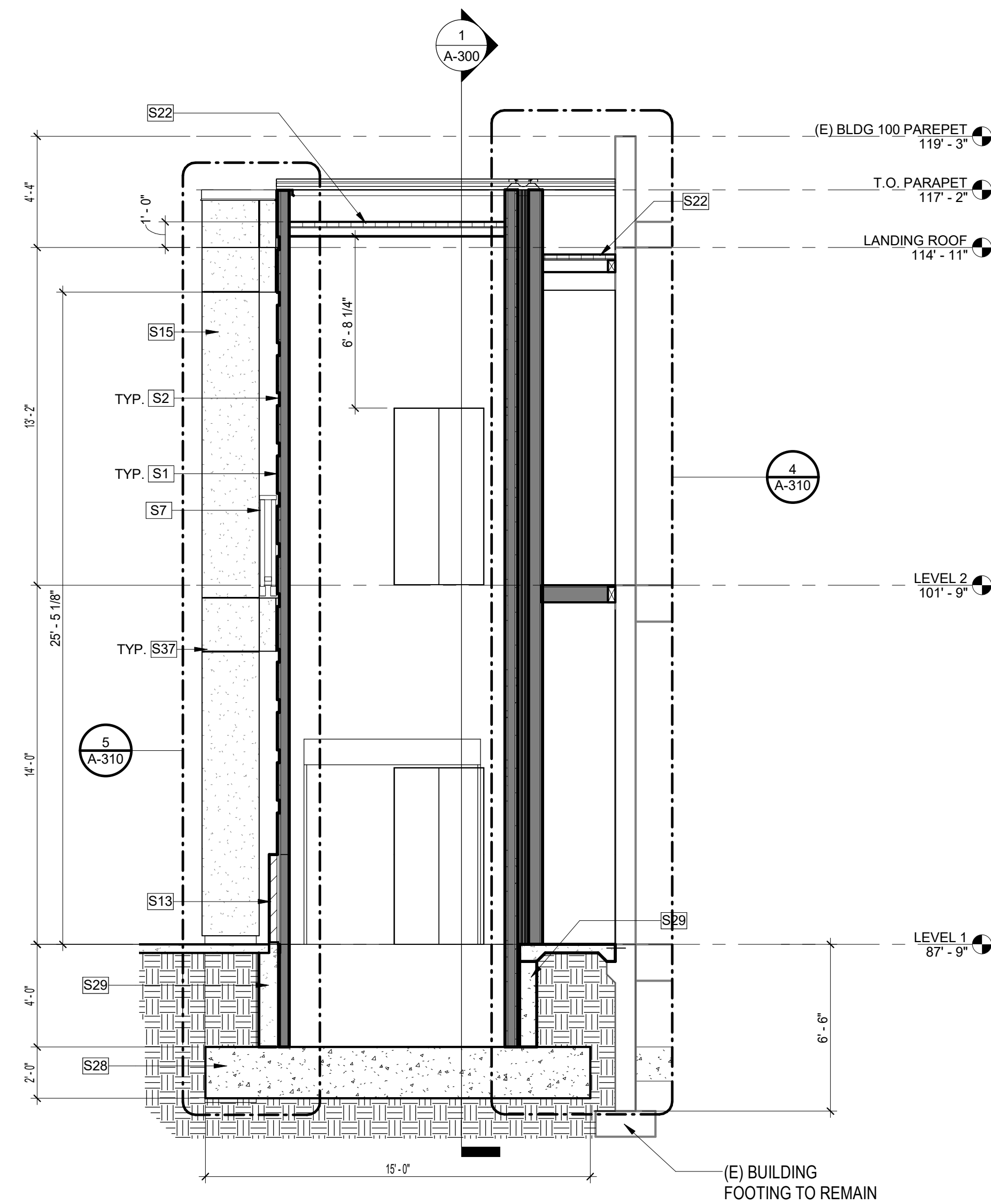
4 WALKWAY SECTION
1/4" = 1'-0"



3 WALKWAY CROSS-SECTION
1/4" = 1'-0"



1 ELEVATOR CROSS-SECTION
1/4" = 1'-0"



2 ELEVATOR SECTION
1/4" = 1'-0"

SECTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
S1	STUCCO FINISH, PAINT TO MATCH EXISTING
S2	STUCCO CHANNEL SCREED, PAINTED, SEE DETAIL 2/A-504
S5	METAL CORING, PAINTED
S6	STOREFRONT PER SCHEDULE, REFER TO SHEET A-600
S7	SQ. STEEL TUBE GUARDRAIL, PAINTED
S9	GUARDRAIL, SEE DETAIL 1/A-503
S13	BRICK VENEER WAINSCOT TO MATCH EXISTING, REFER TO WALL DETAILS ON DETAIL 1/A-112
S14	EXISTING CONCRETE WALL COVERED IN STUCCO TO REMAIN
S15	STRUCTURAL COLUMN WRAPPED IN STUCCO, SEE DETAIL 6/A-501
S16	CONSTRUCTION SPECIALTIES - SF WALL COVERING SEISMIC JOINT, SEE DETAIL 10/A-504
S17	EXISTING BRICK VENEER WAINSCOT TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
S18	EXISTING COVERED WALKWAY TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
S19	SOFFIT WRAPPED IN STUCCO TO MATCH EXISTING
S20	CONCRETE OVER STEEL DECKING FLOOR PER STRUCTURAL DRAWINGS
S21	STAINLESS STEEL ELEVATOR DOOR PER ELEVATOR MANUFACTURER DRAWINGS
S22	SINGLE-PLY PVC MEMBRANE ROOFING
S23	PARAPET
S24	STUCCO FINISH ON CEILING
S25	STRUCTURAL BEAM PER STRUCTURAL DRAWINGS
S26	GRADE BEAM PER STRUCTURAL DRAWINGS
S27	SCUPPER PER DETAIL 6/A-505
S28	ELEVATOR CONCRETE PIT FOUNDATION
S29	ELEVATOR CONCRETE STEM WALLS
S30	ELEVATOR STEEL FRAME PER ELEVATOR MANUFACTURER
S37	STUCCO REVEAL, SEE DETAIL 1/A-504
S49	STRUCTURAL COLUMN WRAPPED IN STUCCO, SEE DETAIL 10A-501

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11650 Iberia Place, Suite 210
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858-485-6980, 858-485-1510 fax

**SWEETWATER UNION HIGH SCHOOL DISTRICT -
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL**
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title:
BUILDING SECTIONS

Project Architect:
KATHERINE LORD

Project Number:
1214-113

Sheet Number:

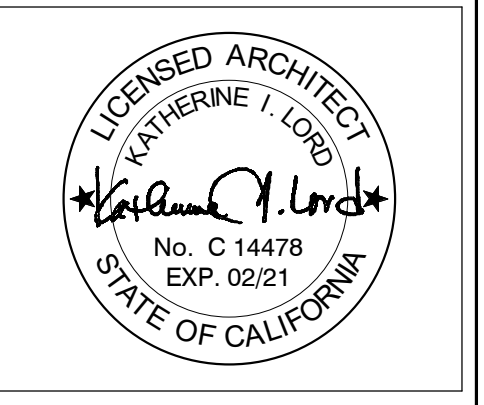
A-300

SECTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
S1	STUCCO FINISH, PAINT TO MATCH EXISTING
S2	STUCCO CHANNEL SCREED, PAINTED, SEE DETAIL 2/A-504
S4	CONSTRUCTION SPECIALTIES - SRJ ROOF SEISMIC JOINT, SEE DETAIL 4/A-502
S5	METAL COPING, PAINTED
S7	SQ. STEEL TUBE GUARDRAIL PAINTED
S9	GUARDRAIL, SEE DETAIL 1/A-503
S13	BRICK VENEER WAINSCOT TO MATCH EXISTING, REFER TO WALL DETAILS ON DETAIL 1/A-112
S15	STRUCTURAL COLUMN WRAPPED IN STUCCO, SEE DETAIL 6/A-501
S18	EXISTING COVERED WALKWAY TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
S19	SOFFIT WRAPPED IN STUCCO TO MATCH EXISTING
S20	CONCRETE OVER STEEL DECKING FLOOR PER STRUCTURAL DRAWINGS
S21	STAINLESS STEEL ELEVATOR DOOR PER ELEVATOR MANUFACTURER DRAWINGS
S22	SINGLE-PLY PVC MEMBRANE ROOFING
S23	PARAPET
S24	STUCCO FINISH ON CEILING
S25	STRUCTURAL BEAM PER STRUCTURAL DRAWINGS
S26	GRADE BEAM PER STRUCTURAL DRAWINGS
S27	SCUPPER PER DETAIL 6/A-505
S28	ELEVATOR CONCRETE PIT FOUNDATION
S29	ELEVATOR CONCRETE STEM WALLS
S31	2X JOIST PER STRUCTURAL DRAWINGS
S32	EXPOSED STRUCTURE
S33	2X WOOD STUD @ 16" O.C. PER STRUCTURAL DRAWINGS
S34	CONCRETE FOOTING PER STRUCTURAL DWGS
S35	CONCRETE SLAB PER STRUCTURAL DRAWINGS
S36	ELEVATOR FRAME PER ELEVATOR MANUFACTURER DRAWINGS
S37	STUCCO REVEAL, SEE DETAIL 1/A-504
S38	EXPOSED CONCRETE FOOTING
S39	CONCRETE RETAINING WALL W/ CURB
S40	BACKFILL DIRT TO (E) VOID PER CIVIL DRAWINGS
S42	CONSTRUCTION SPECIALTIES - SRJ FEW MOD END - FACTORY FABRICATED ALUMINUM END CAP FOR ROOF SEISMIC JOINT ENDCAP, SEE DETAIL 8/A-506

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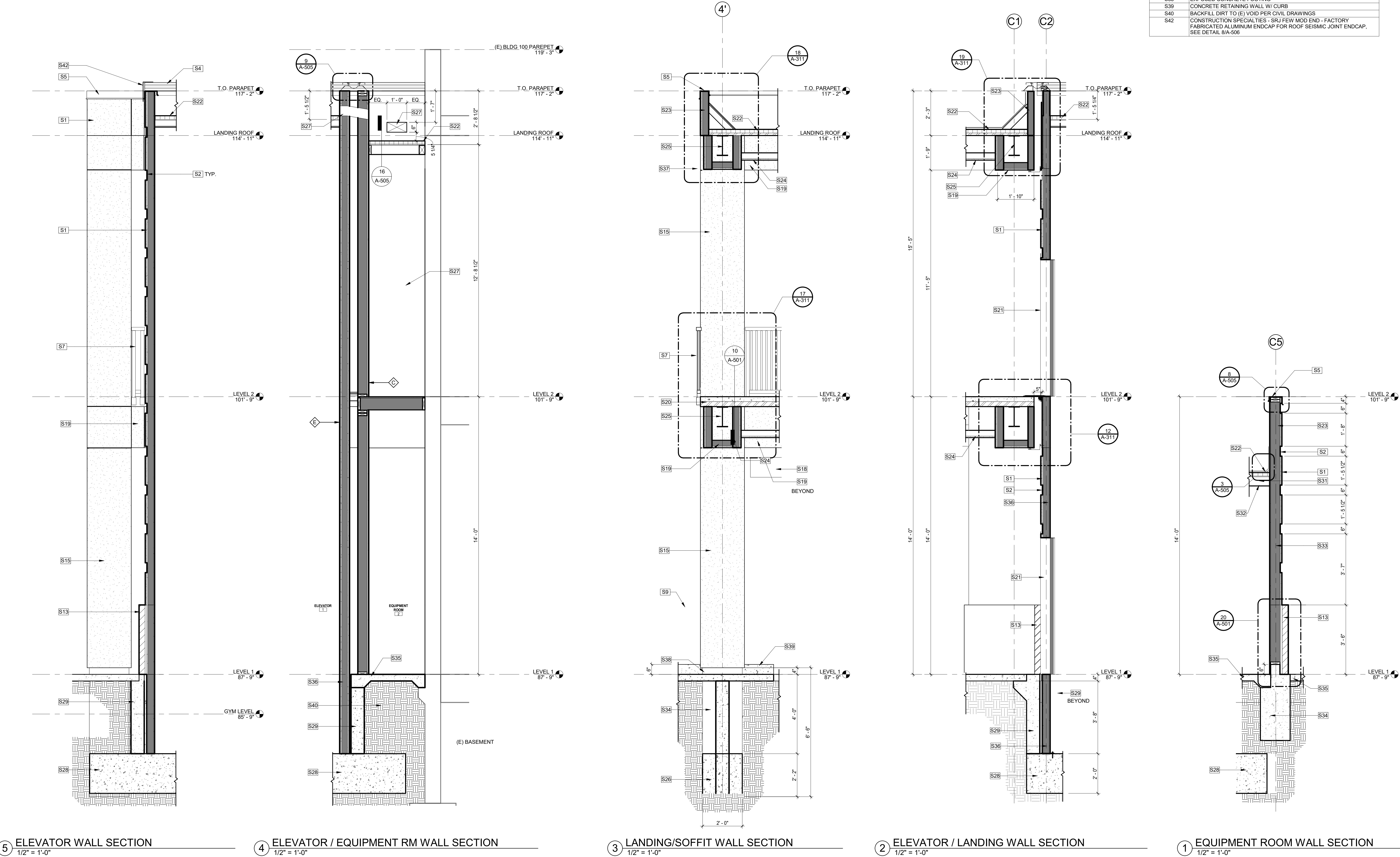
SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



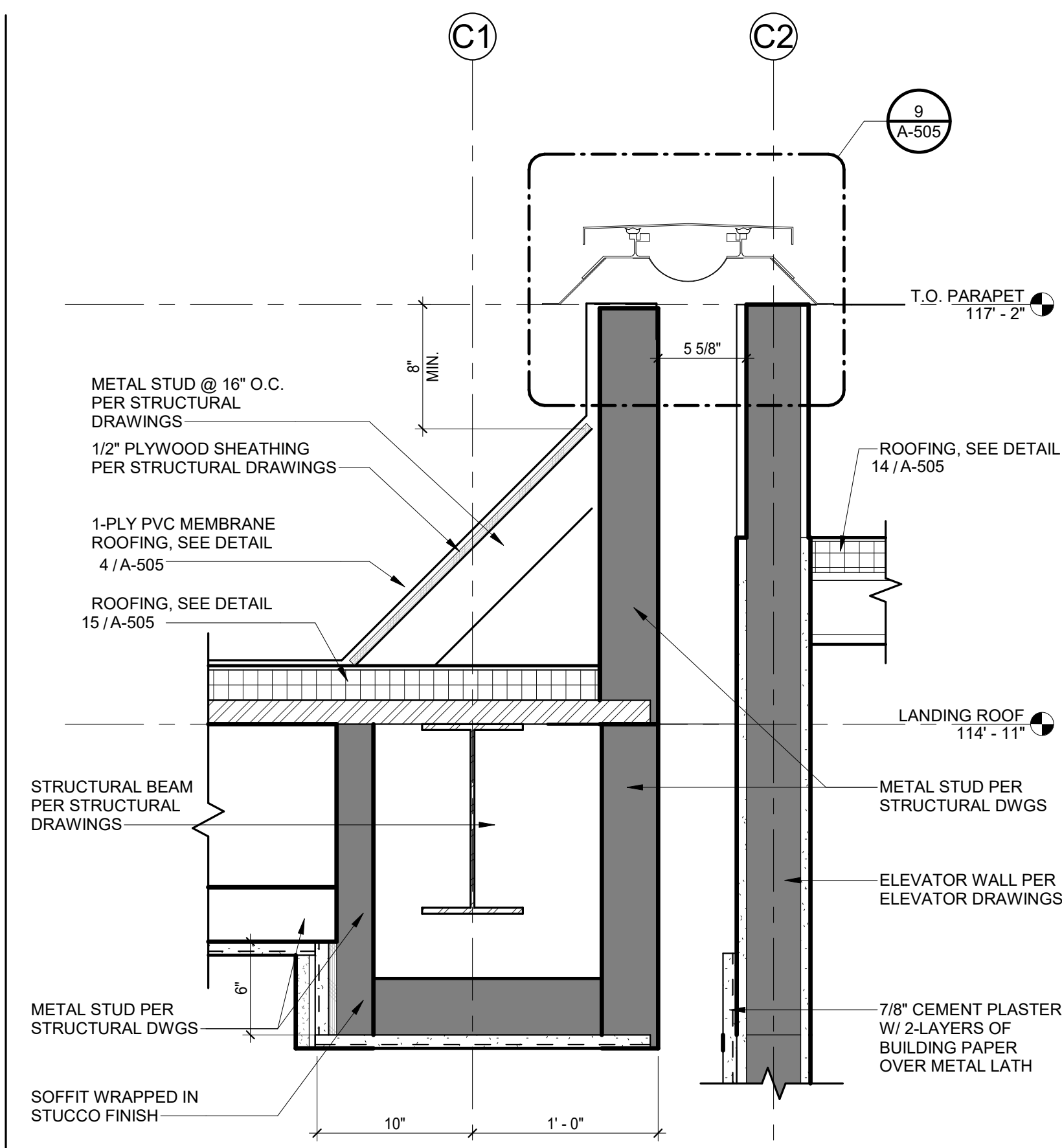
Issue Schedule		
No.	Description	Date
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title: WALL SECTIONS	Project Architect: KATHERINE LORD
	Project Number: 1214-113

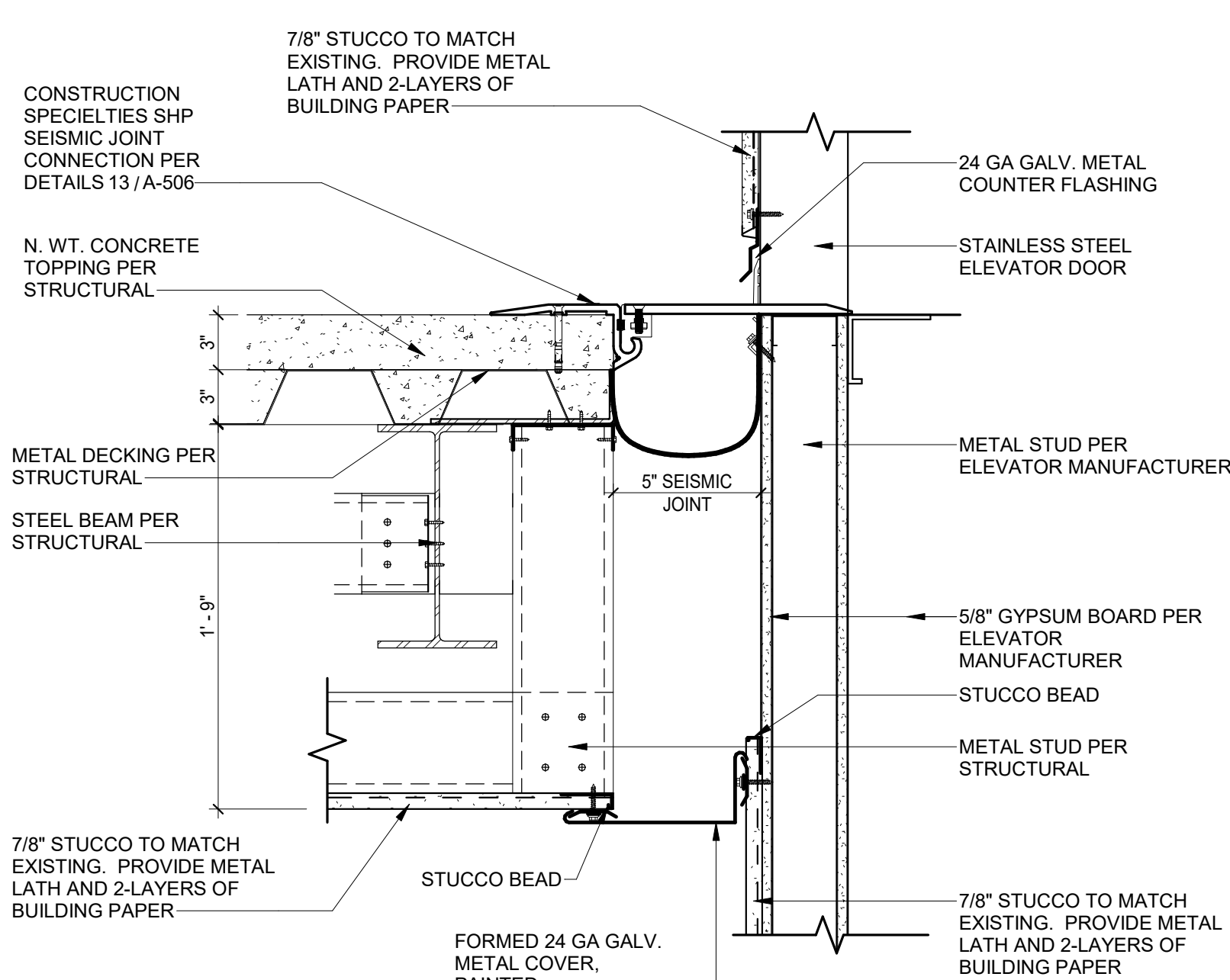
Sheet Number:
A-310



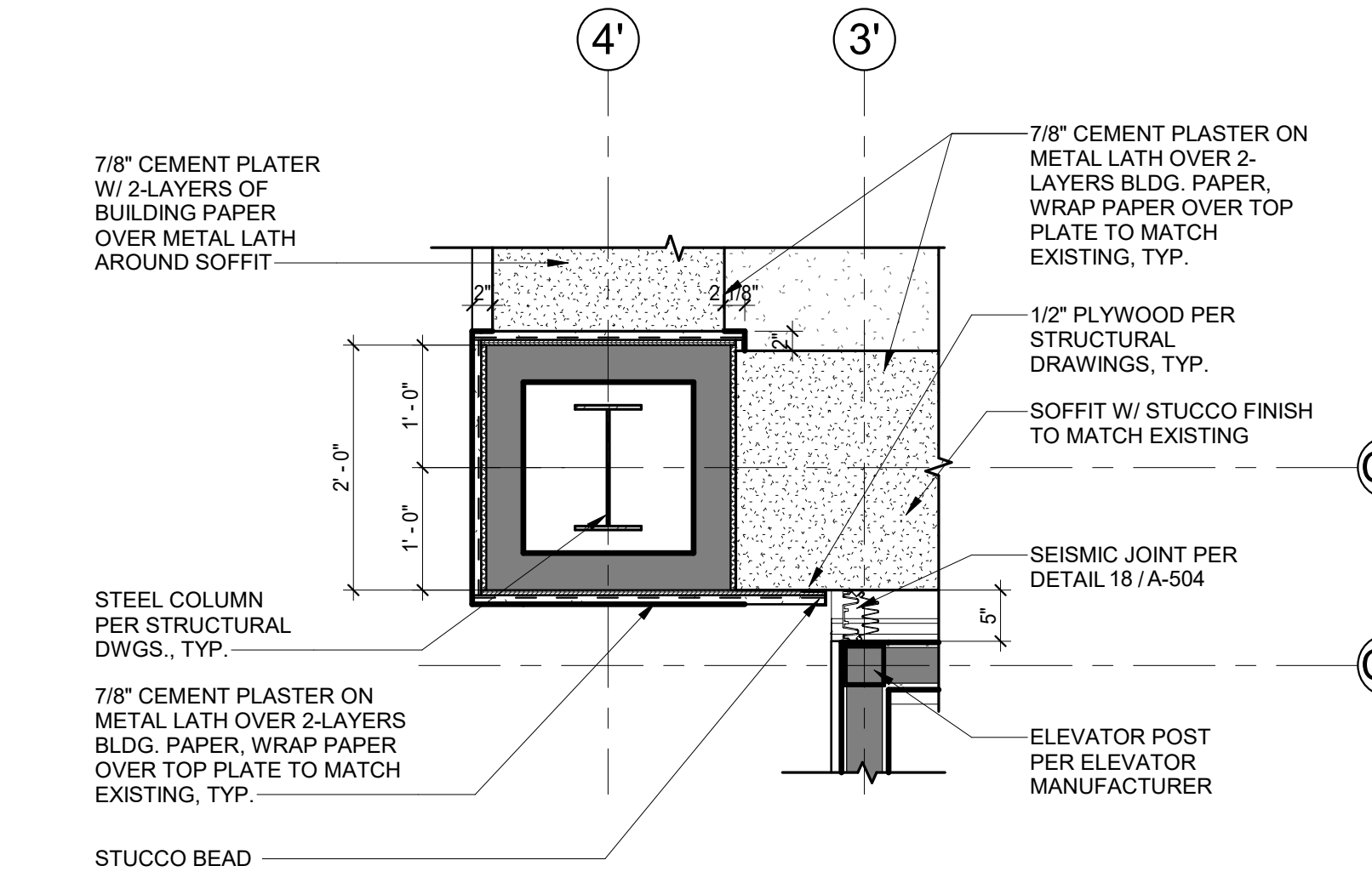
5 ELEVATOR WALL SECTION 1/2" = 1'-0"
4 ELEVATOR / EQUIPMENT RM WALL SECTION 1/2" = 1'-0"
3 LANDING/SOFFIT WALL SECTION 1/2" = 1'-0"
2 ELEVATOR / LANDING WALL SECTION 1/2" = 1'-0"
1 EQUIPMENT ROOM WALL SECTION 1/2" = 1'-0"



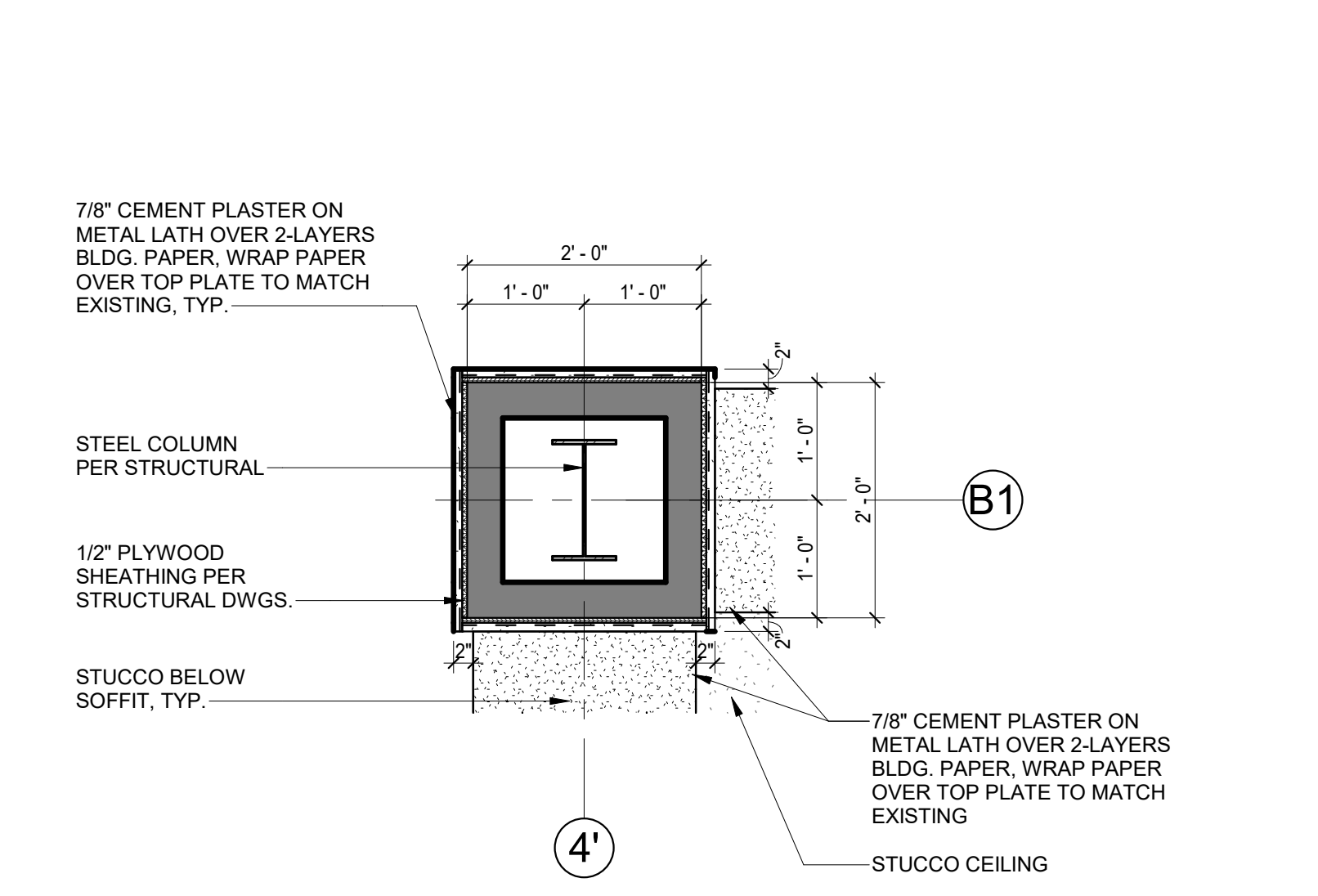
19 ENLARGED LANDING/ELEVATOR CONN. AT PARAPET
1 1/2" = 1'-0"



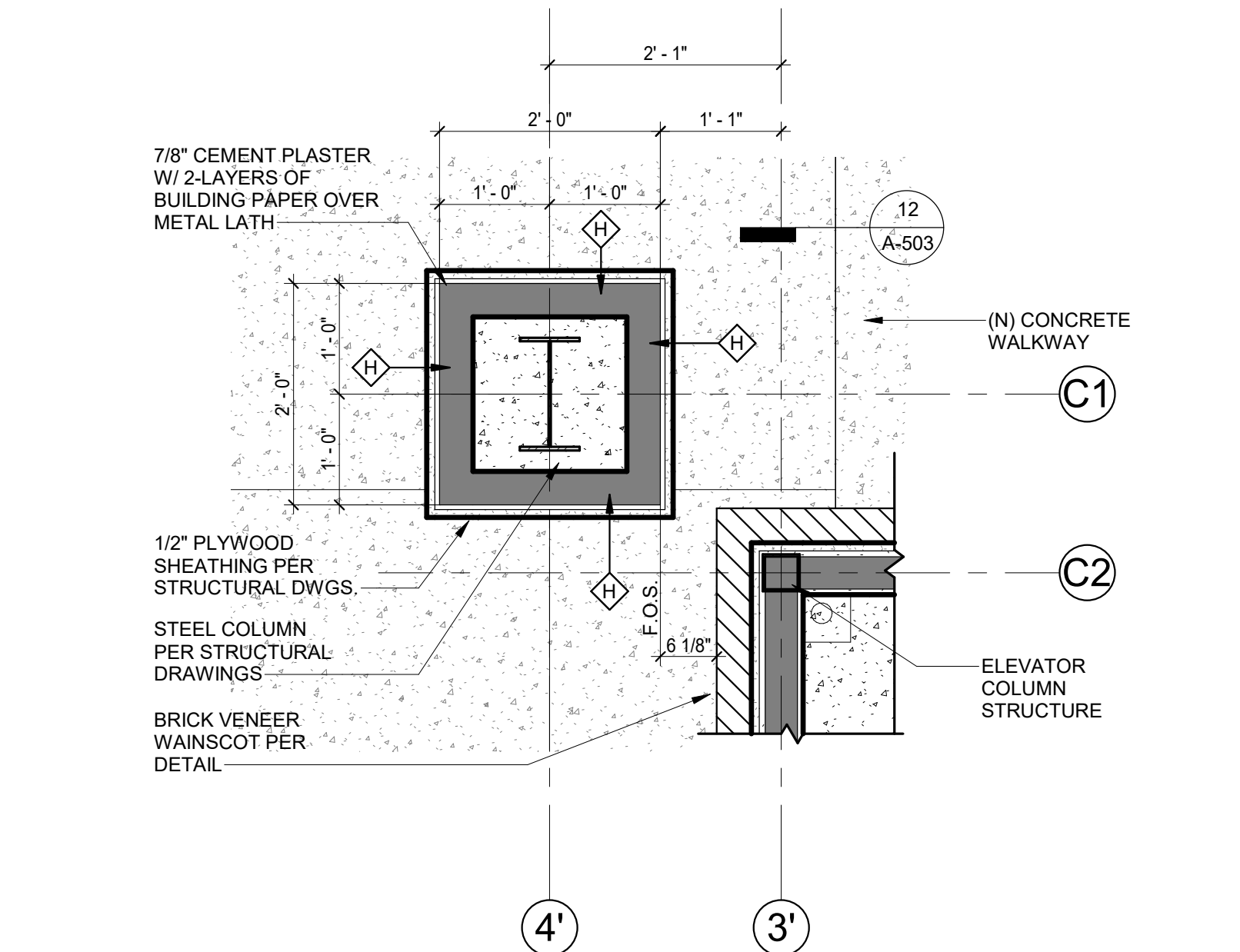
12 SEISMIC JOINT AT FLOOR - ELEVATOR DOOR
1 1/2" = 1'-0"



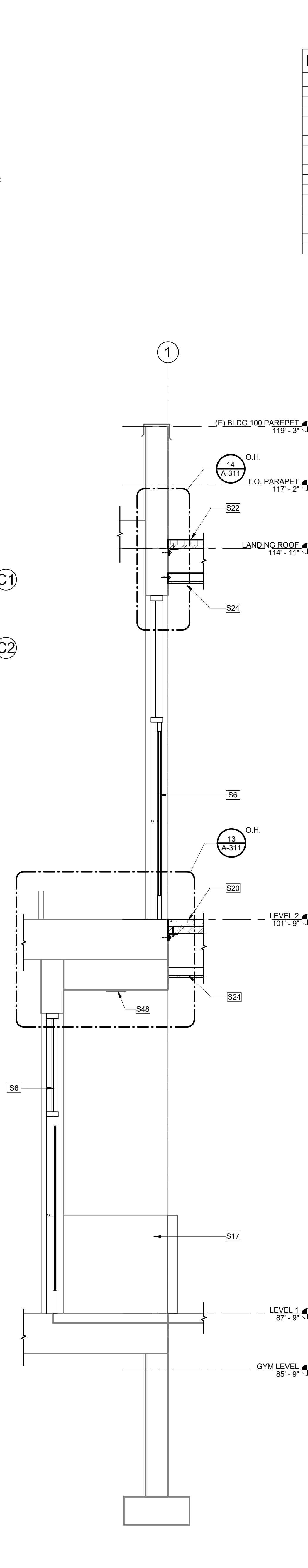
11 SOFFIT TO ELEVATOR CONNECTION
3/4" = 1'-0"



10 COLUMN WRAP
3/4" = 1'-0"

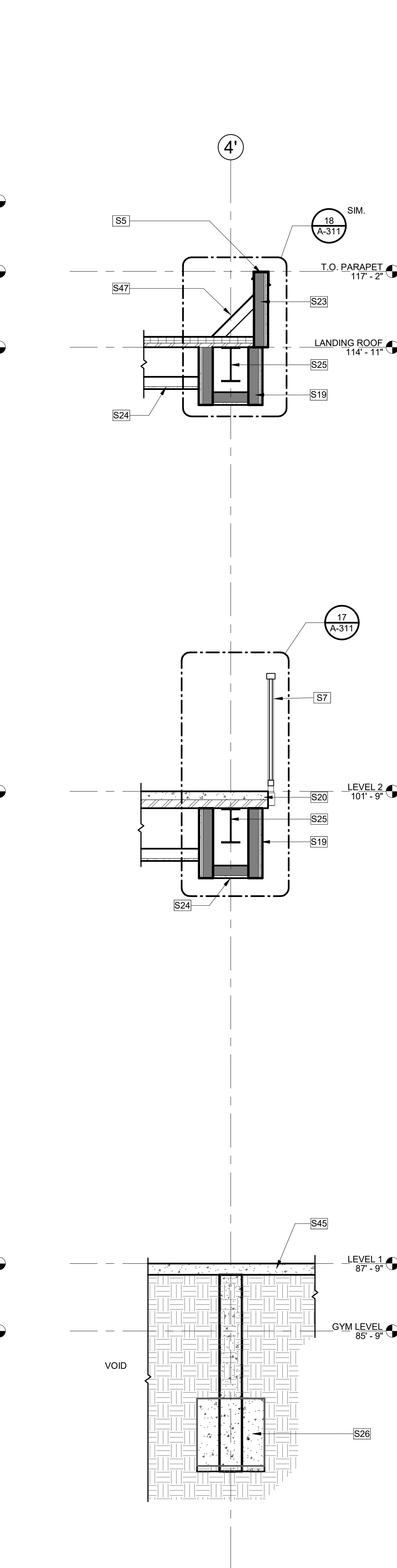


9 ENLARGED COLUMN AT FLOOR
3/4" = 1'-0"

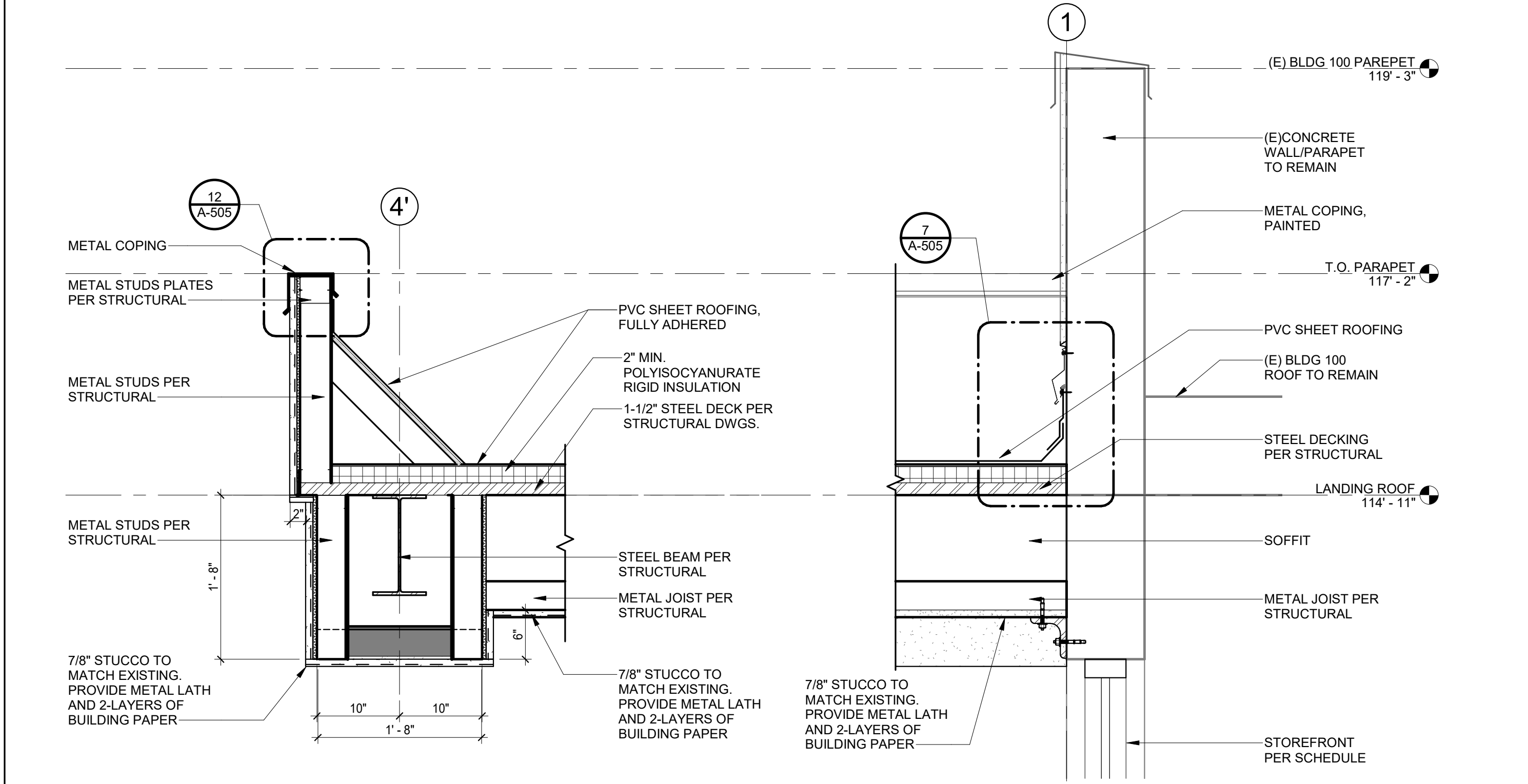


5 WALKWAY CROSS-SECTION 1
1/2" = 1'-0"

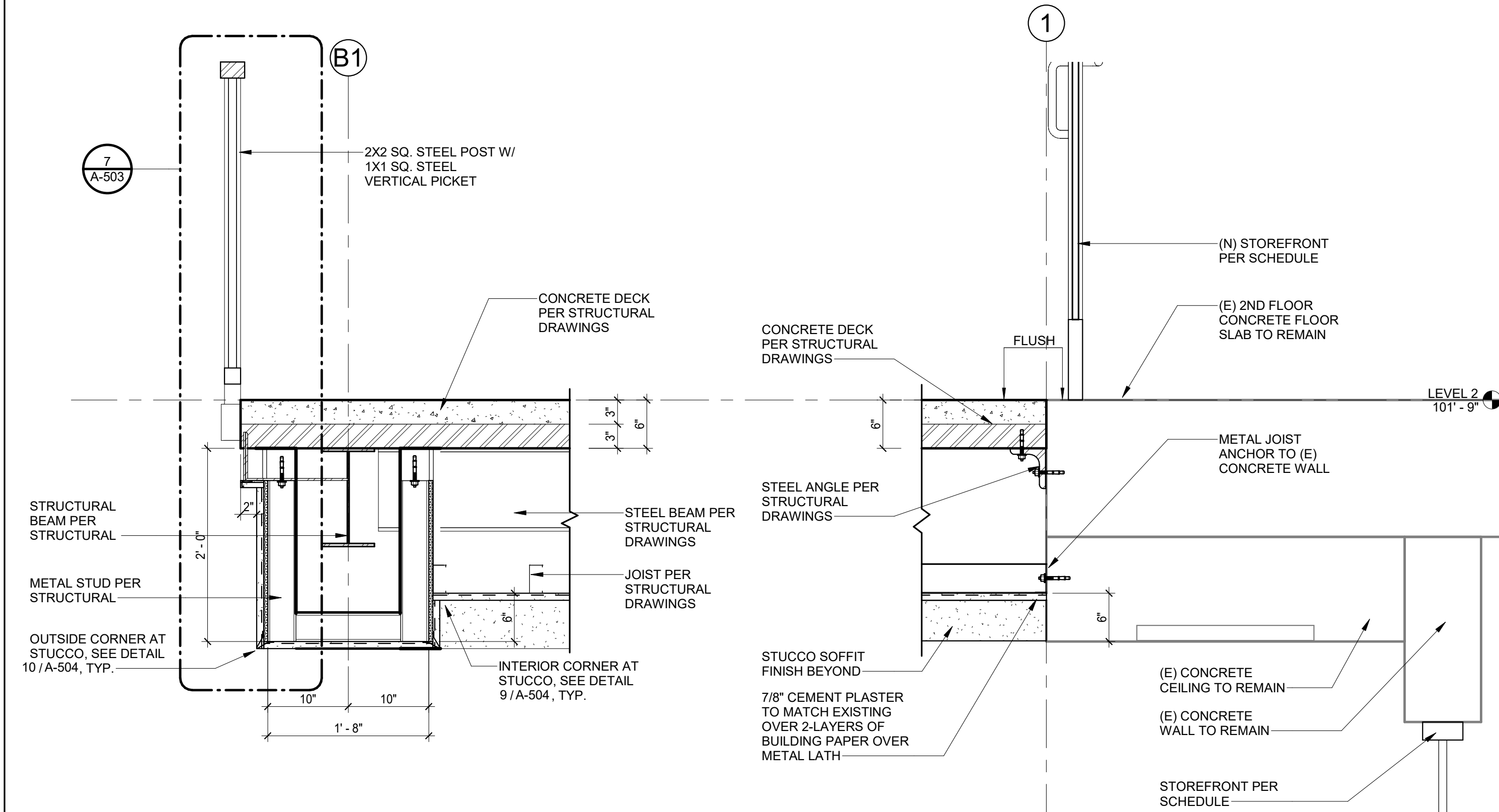
NEW CONSTRUCTION KEYNOTE LEGEND	
KEY CODE	DESCRIPTION
S5	METAL COPING, PAINTED
S6	STOREFRONT PER SCHEDULE, REFER TO SHEET A-600
S7	SO. STEEL TUBE GUARDRAIL PAINTED
S17	EXISTING BRICK VENEER WAINSCOT TO REMAIN, CONTRACTOR TO PROTECT IN PLACE
S19	SOFFIT WRAPPED IN STUCCO TO MATCH EXISTING
S20	CONCRETE OVER STEEL DECKING FLOOR PER STRUCTURAL DRAWINGS
S22	SINGLE-PLY PVC MEMBRANE ROOFING
S23	PARAPET
S24	STUCCO FINISH ON CEILING
S25	STRUCTURAL BEAM PER STRUCTURAL DRAWINGS
S26	GRADE BEAM PER STRUCTURAL DRAWINGS
S45	CONCRETE WALKWAY PER CIVIL DRAWINGS @ 5% MAX. SLOPE AND 2% MAX. CROSS SLOPE
S47	BRACING PER STRUCTURAL
S48	EXISTING LIGHT TO REMAIN PER ELECTRICAL DRAWINGS



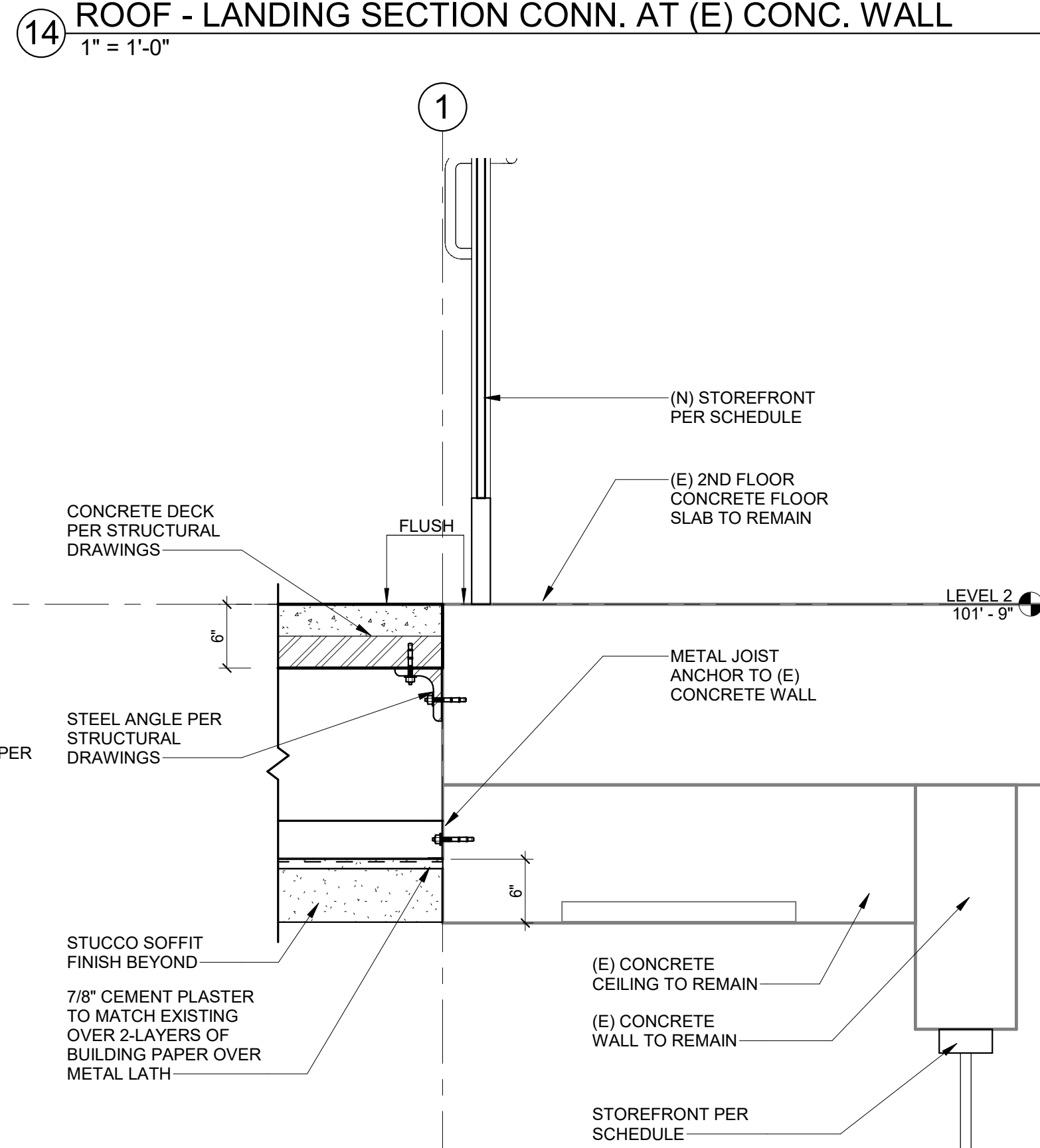
1 WALKWAY SOFFIT CROSS-SECTION
1/2" = 1'-0"



18 PARAPET SECTION @ LANDING STRUCT.
1" = 1'-0"



17 GUARDRAIL/SOFFIT @ LANDING SECTION
1" = 1'-0"



13 LANDING CROSS-SECTION CONN. AT (E) CONC. WALL
1" = 1'-0"

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SWEETWATER

UNION HIGH SCHOOL DISTRICT

LICENSED ARCHITECT

KATHERINE I. LORD

No. C 14478

EXP. 02/21

STATE OF CALIFORNIA

Issue Schedule

No.	Description	Date
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title:

WALL SECTIONS AND DETAILS

Project Architect:

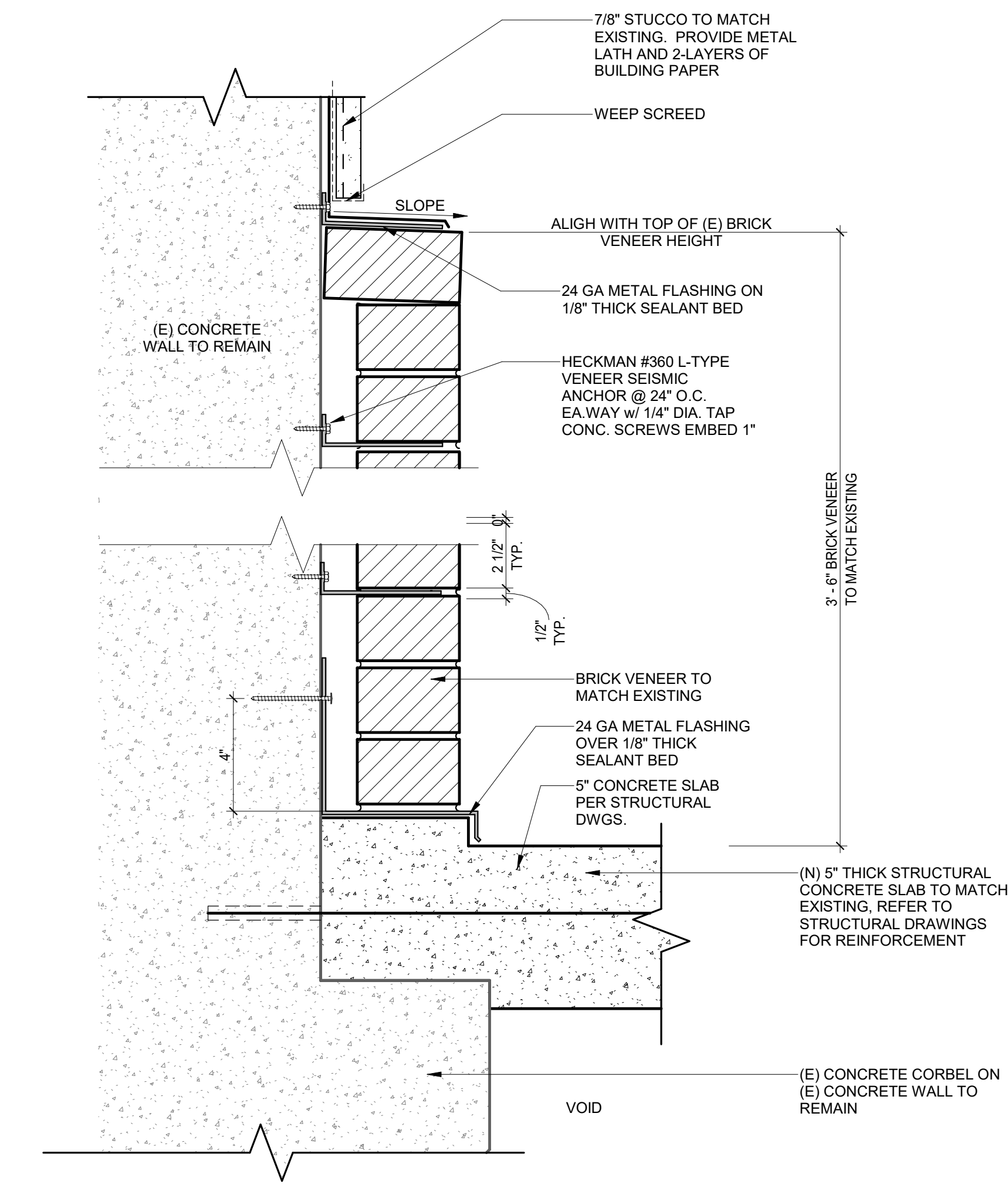
KATHERINE LORD

Project Number:

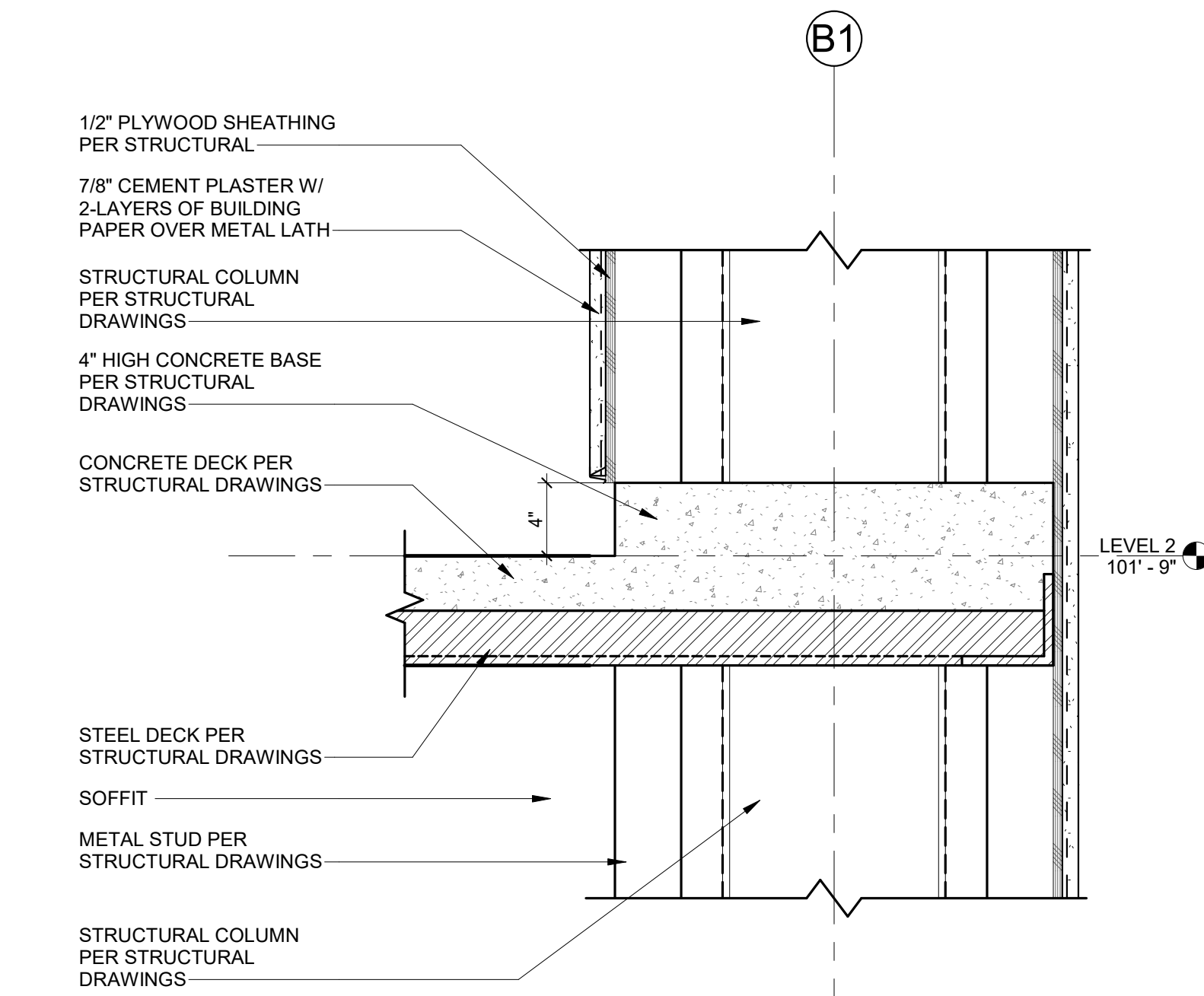
1214-113

Sheet Number:

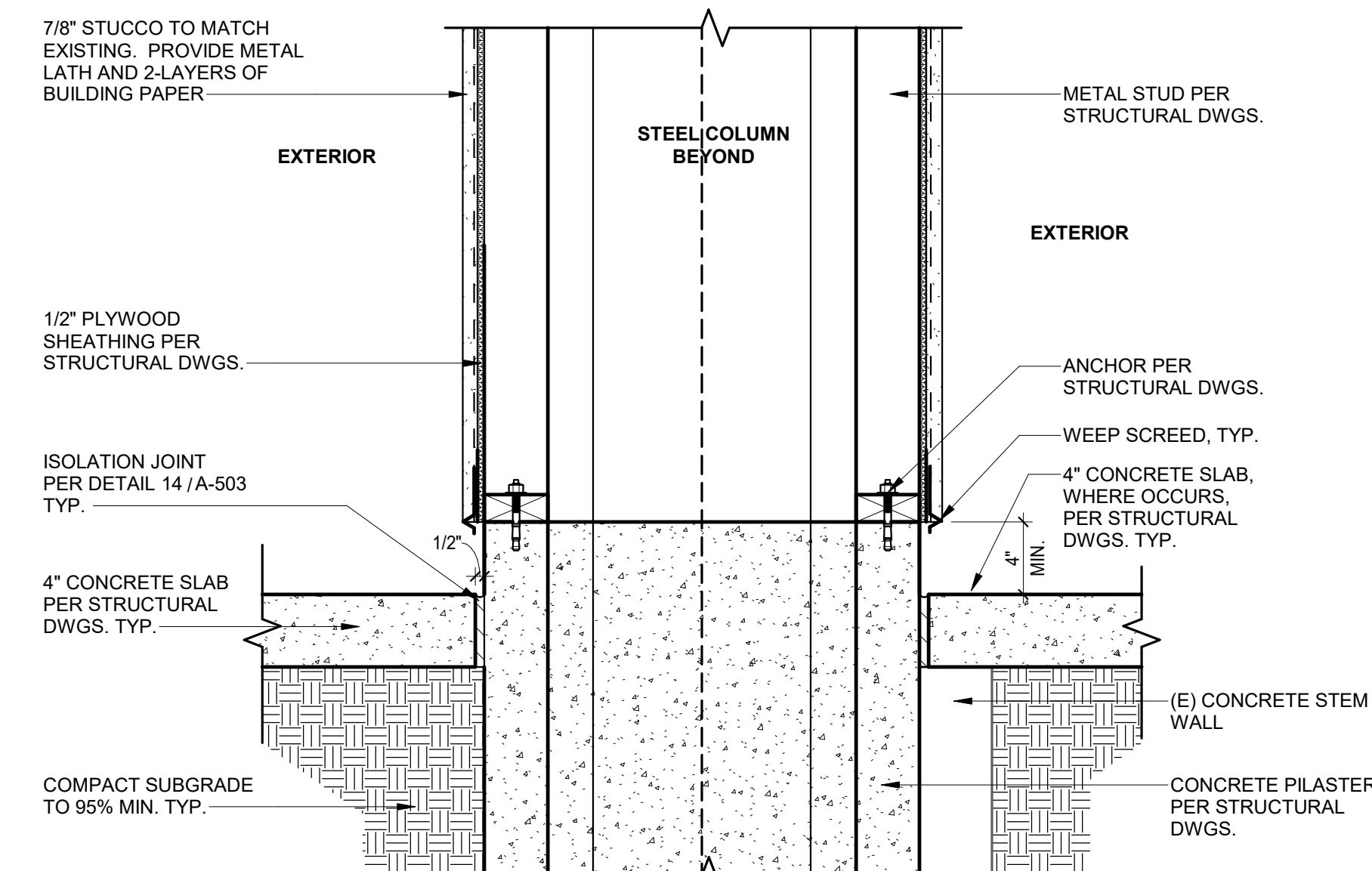
A-311



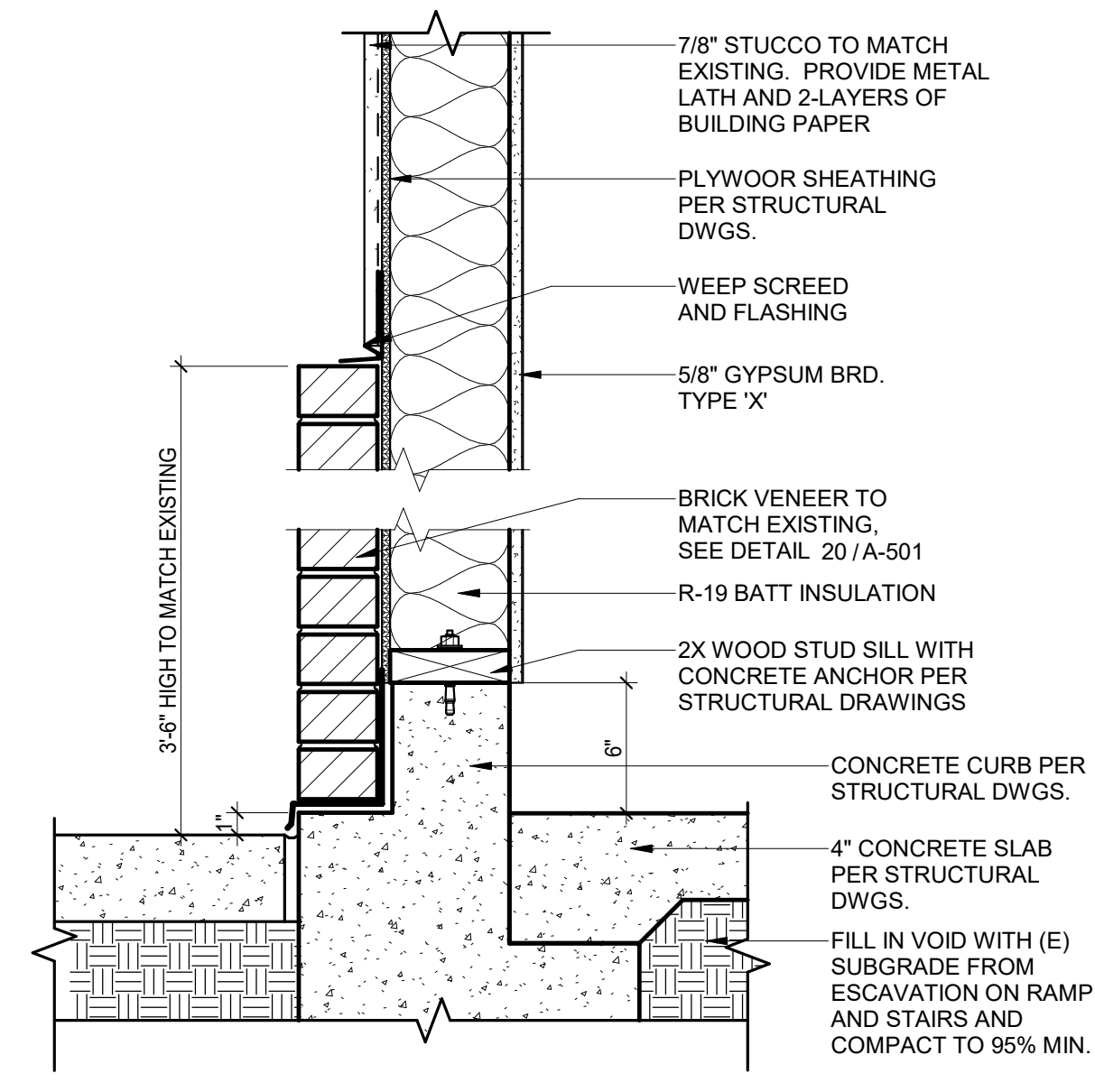
21 BRICK VENEER AT (E) CONC. WALL
3" = 1'-0"



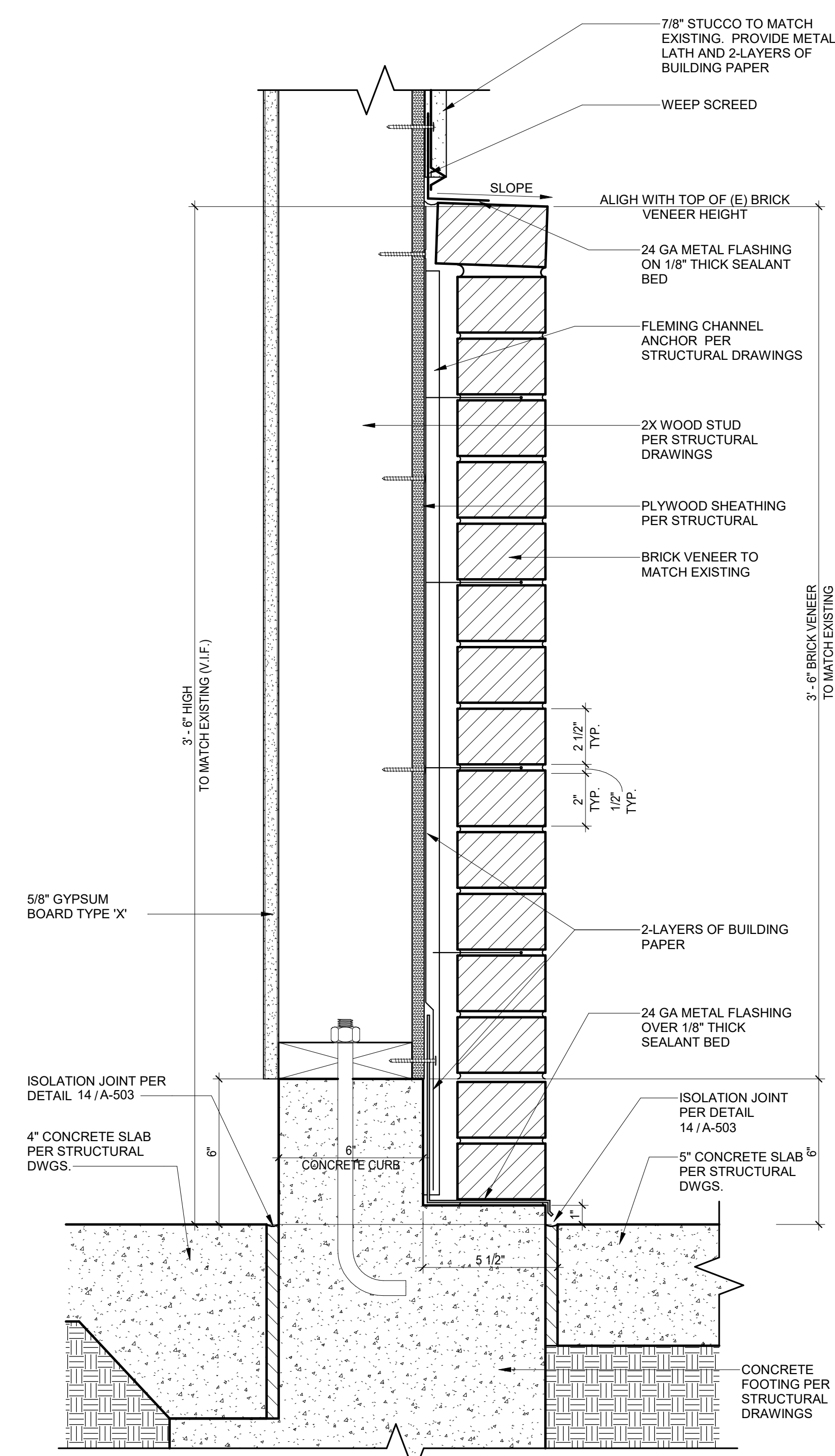
10 ENLARGED COLUMN AT SECOND FLOOR SECTION
1 1/2" = 1'-0"



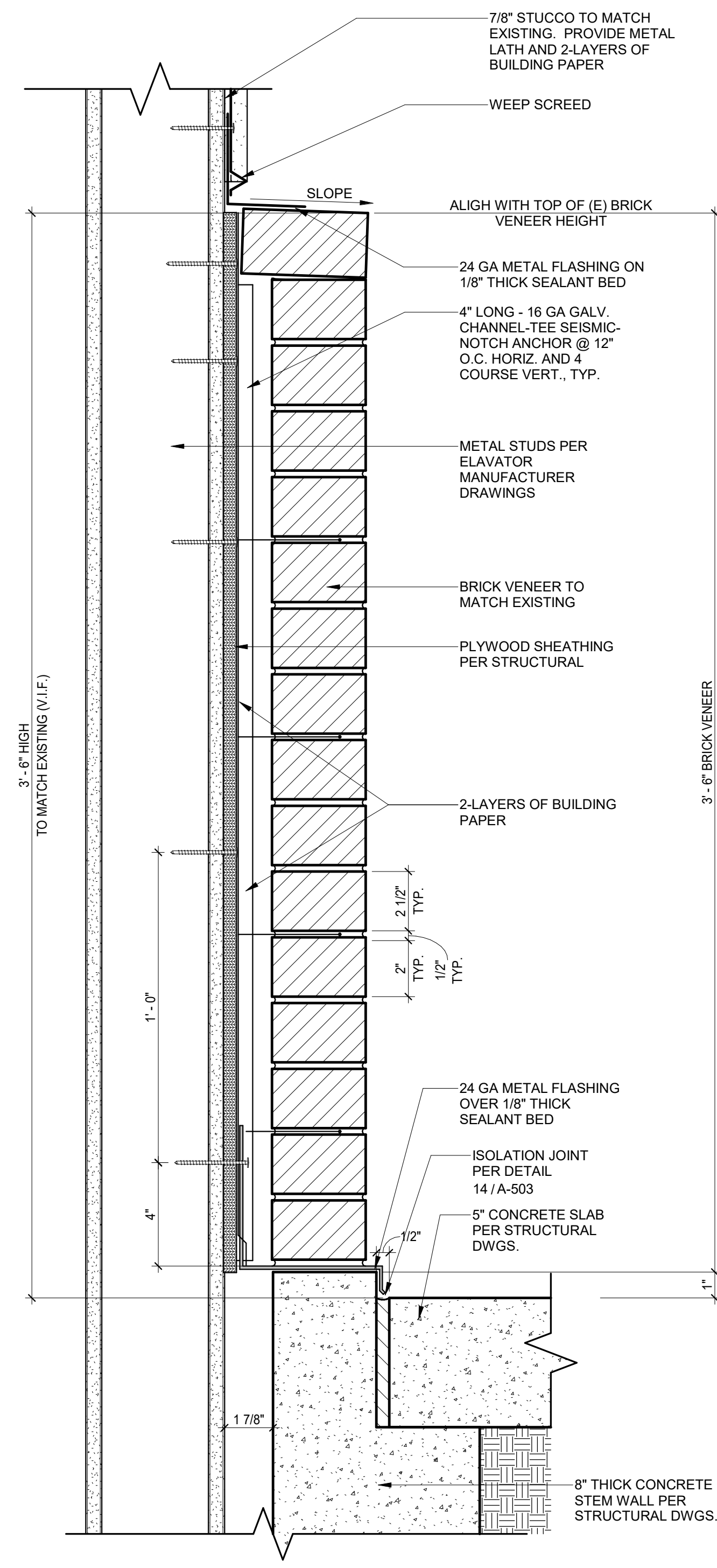
6 WALL TYPE - H
1 1/2" = 1'-0"



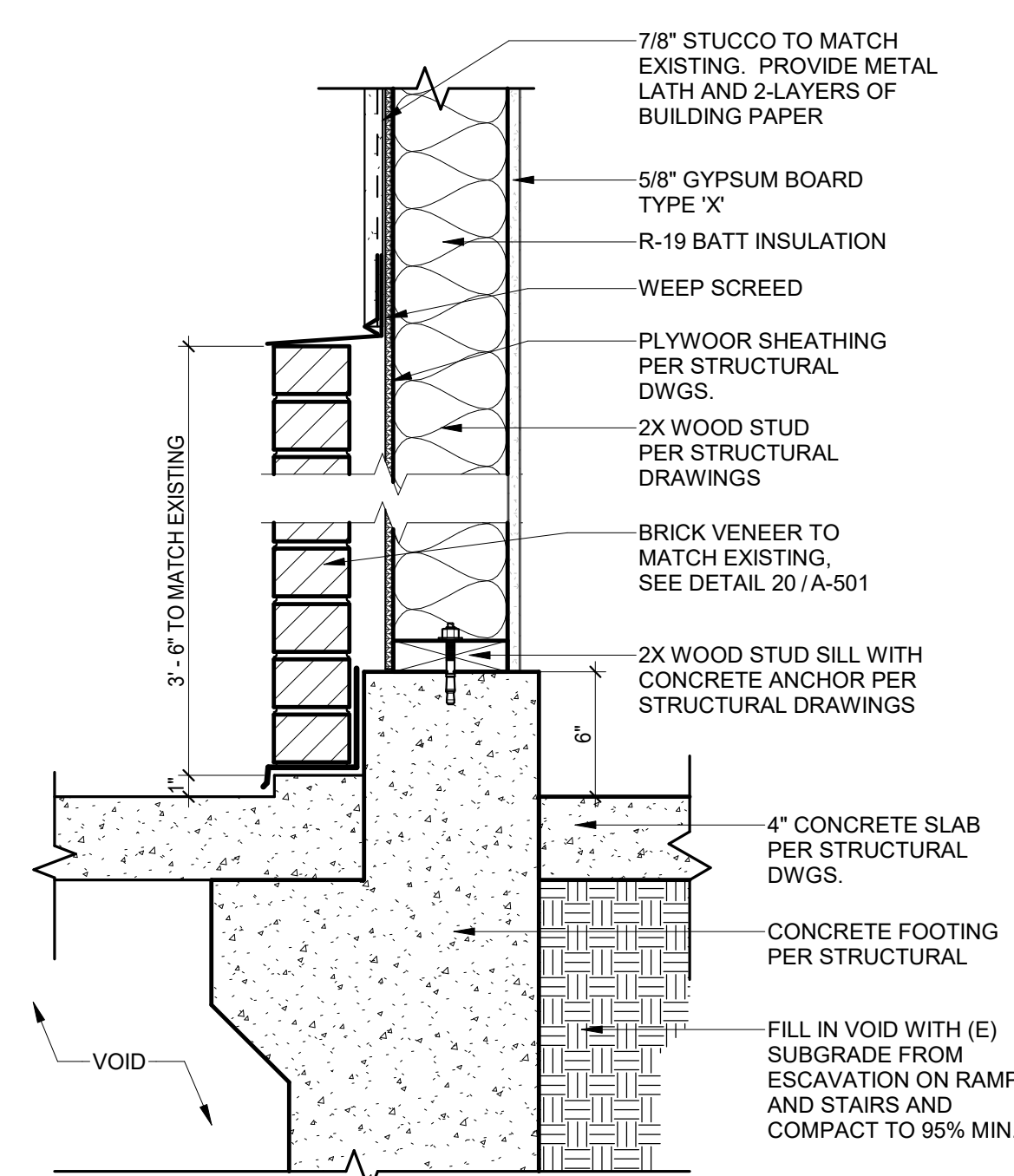
3 WALL TYPE - G
1 1/2" = 1'-0"



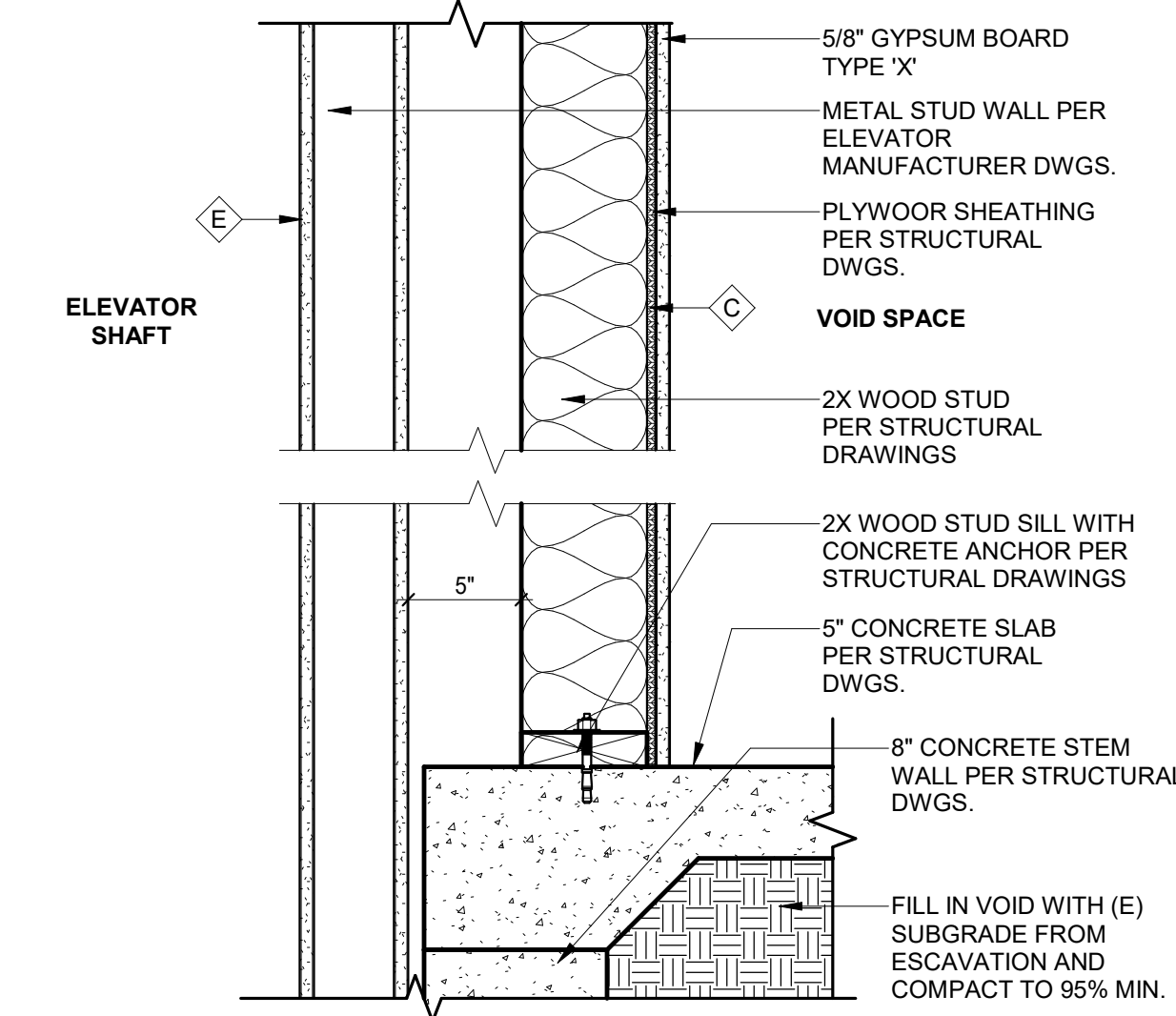
20 BRICK VENEER AT EQUIP. RM
3" = 1'-0"



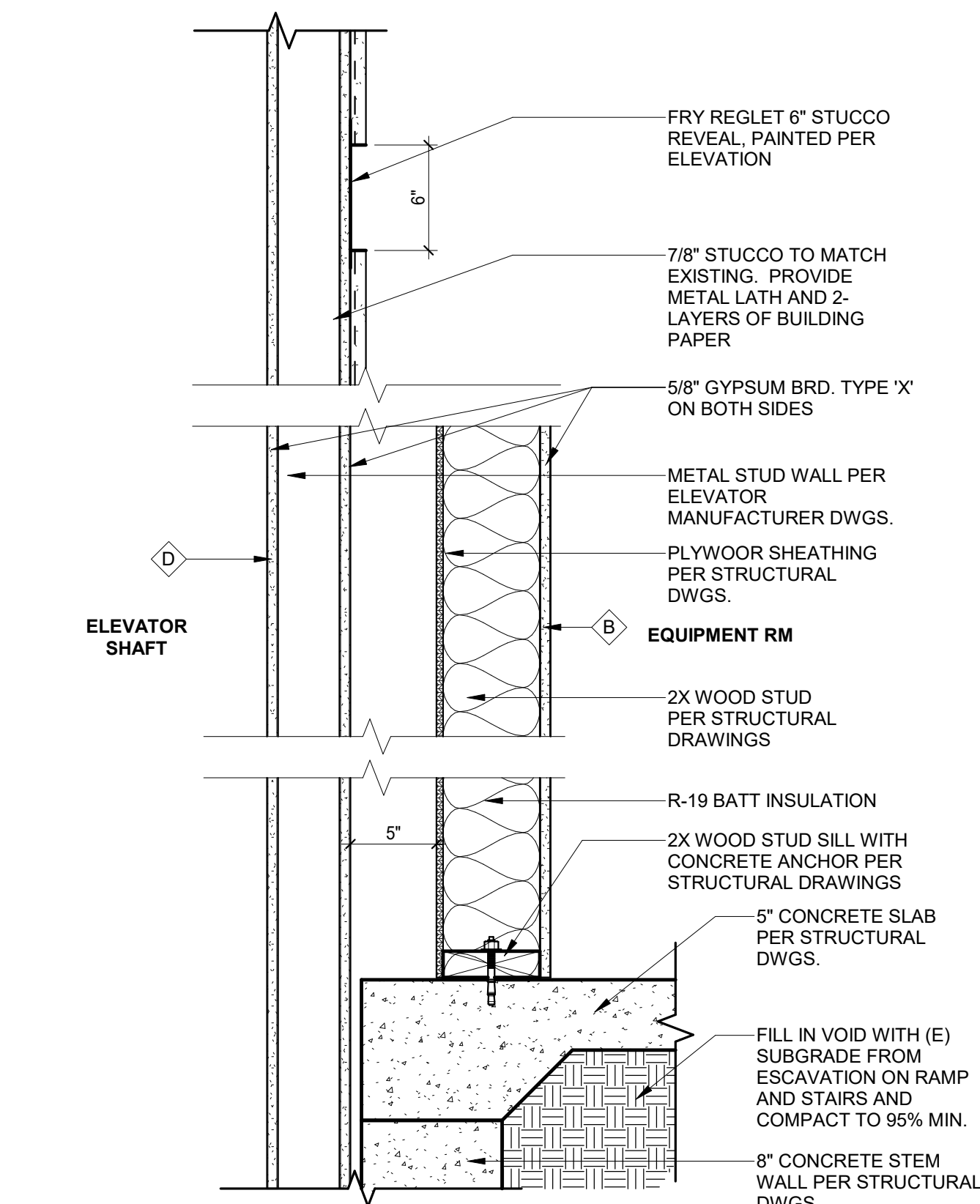
8 BRICK VENEER AT ELEVATOR
3" = 1'-0"



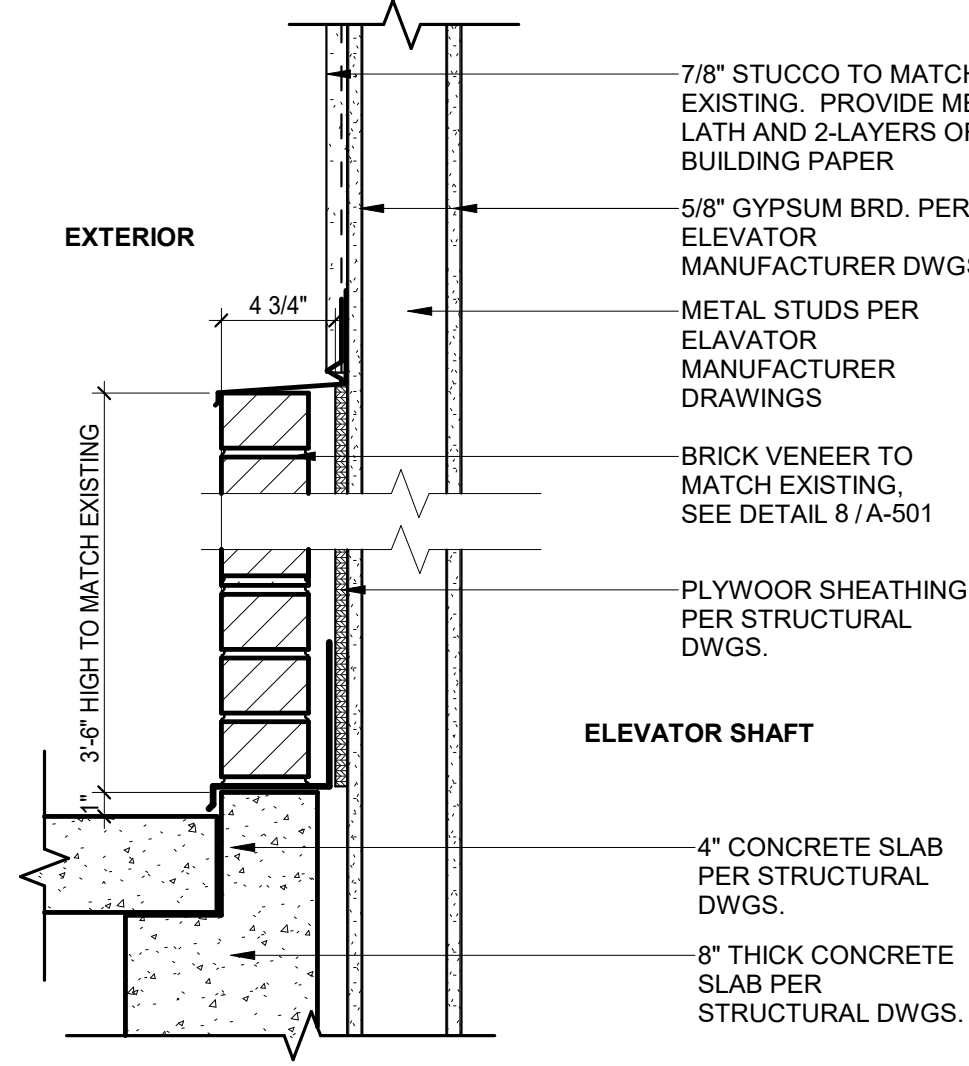
5 WALL TYPE - F
1 1/2" = 1'-0"



4 WALL TYPE - C & E
1 1/2" = 1'-0"



2 WALL TYPE - B & D
1 1/2" = 1'-0"



1 WALL TYPE - A
1 1/2" = 1'-0"

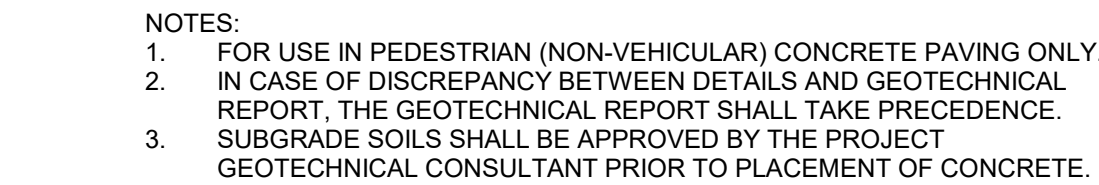
**SWEETWATER UNION HIGH SCHOOL DISTRICT -
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL**
820 4TH AVE., CHULA VISTA, CA, 91911

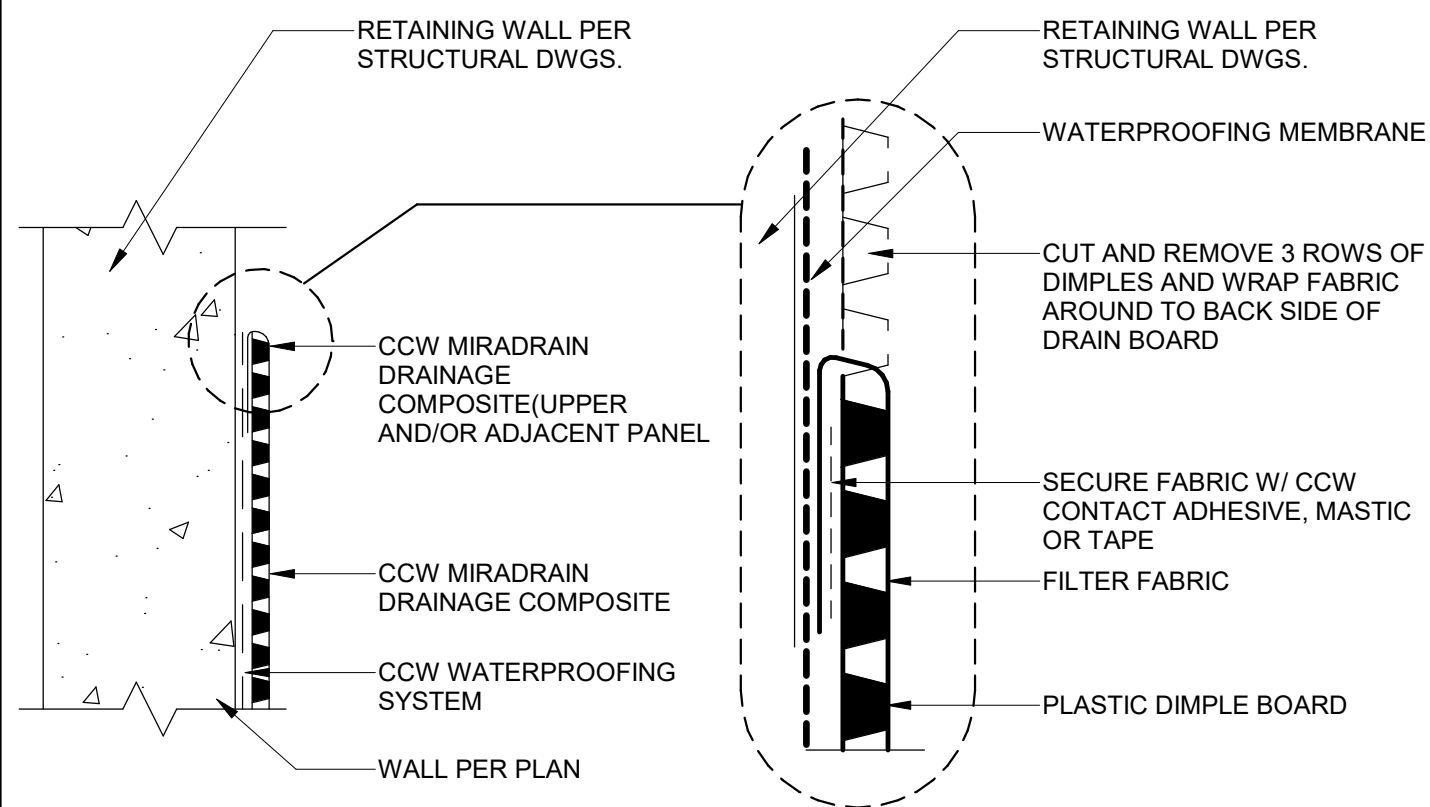
Issue Schedule		
No.	Description	Date
100% SD		08/23/19
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title: WALL TYPES & DETAILS	Project Architect: KATHERINE LORD
	Project Number: 1214-113

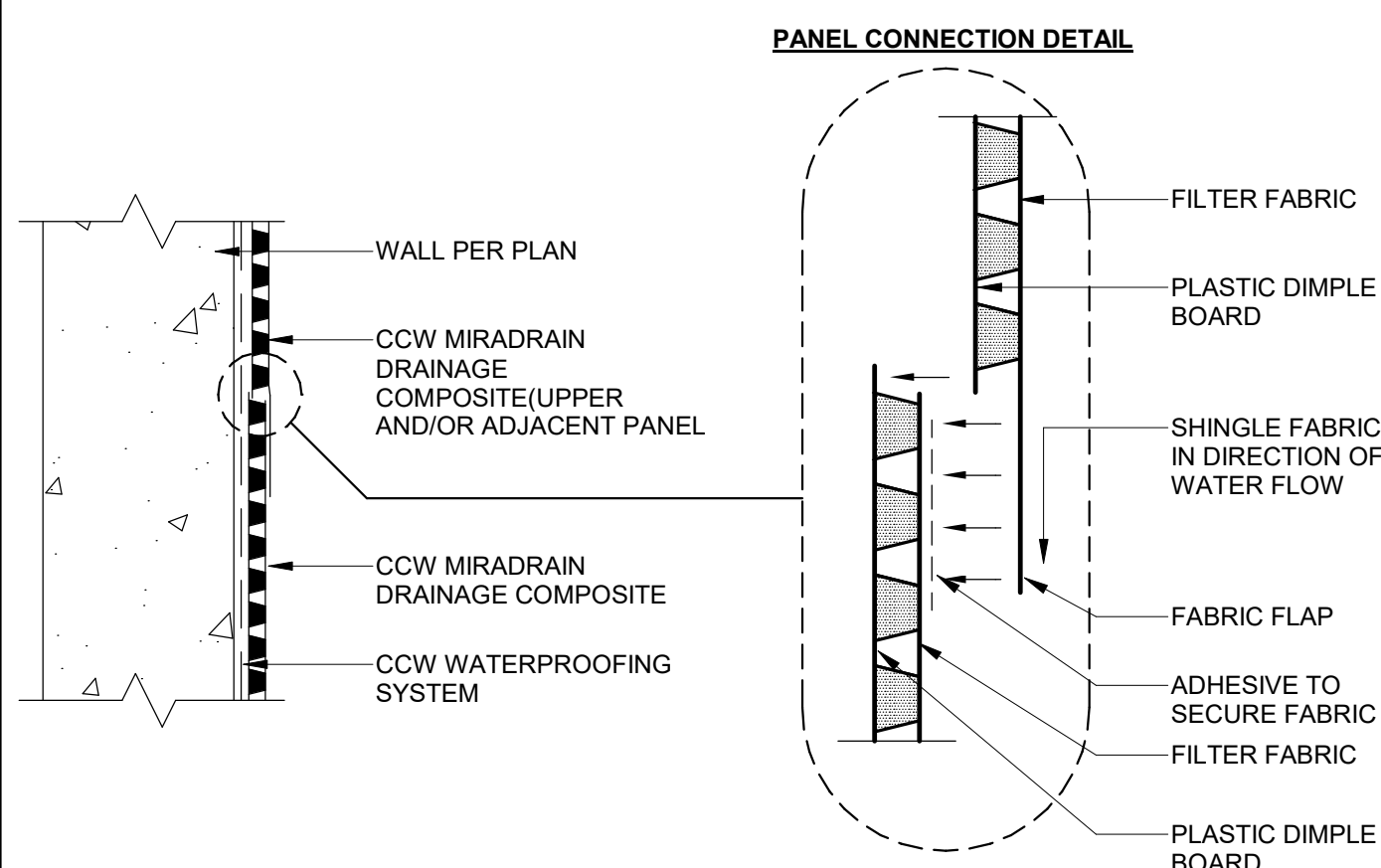
Sheet Number:

A-501

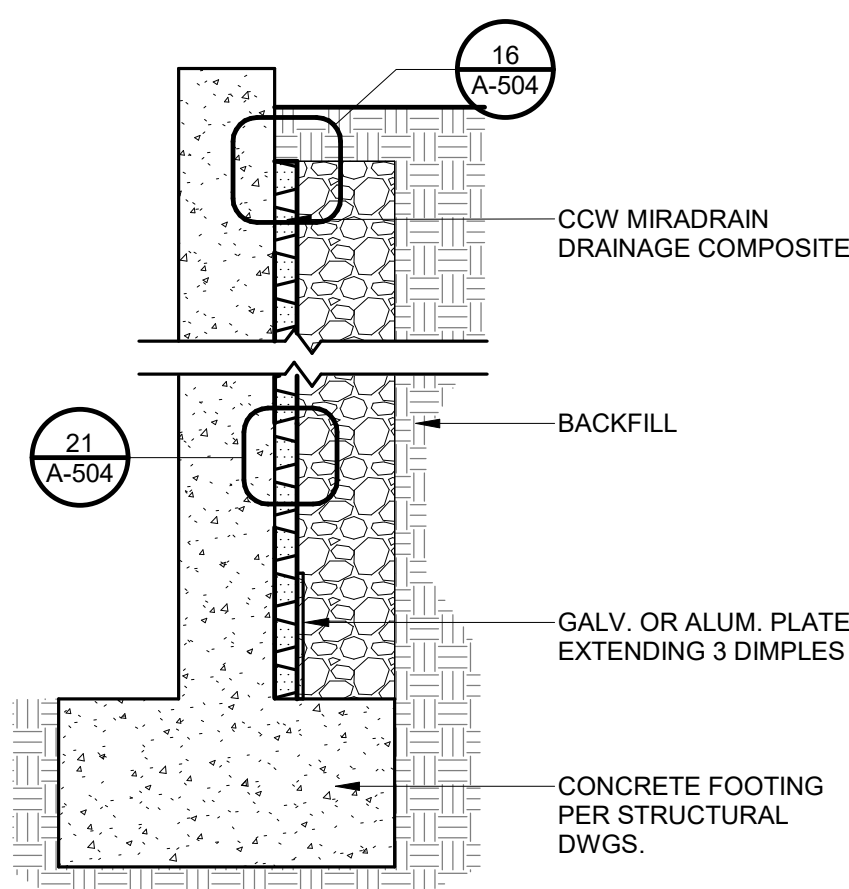




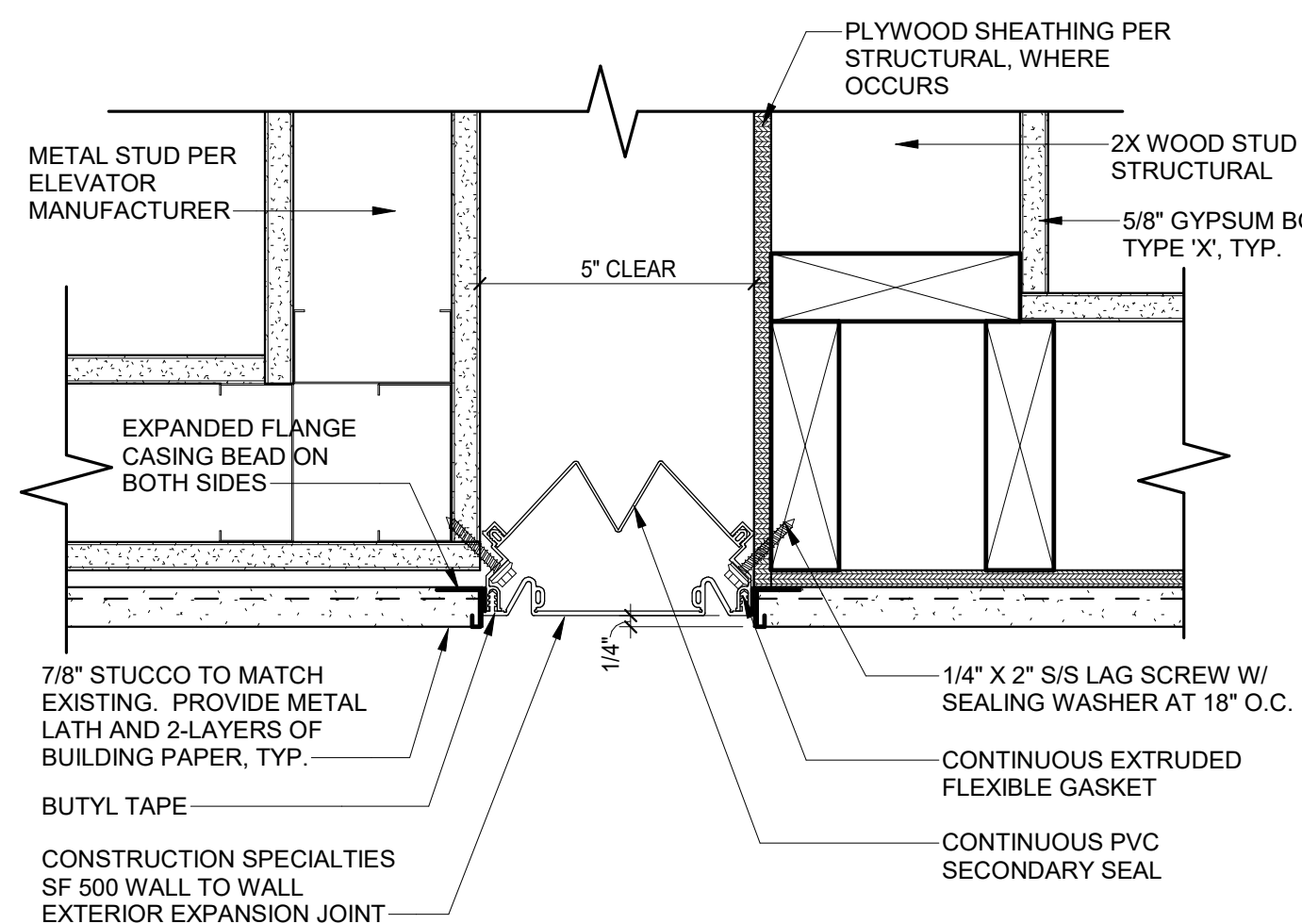
16 WATERPROOFING - PANEL TERMINATION
1 1/2" = 1'-0"



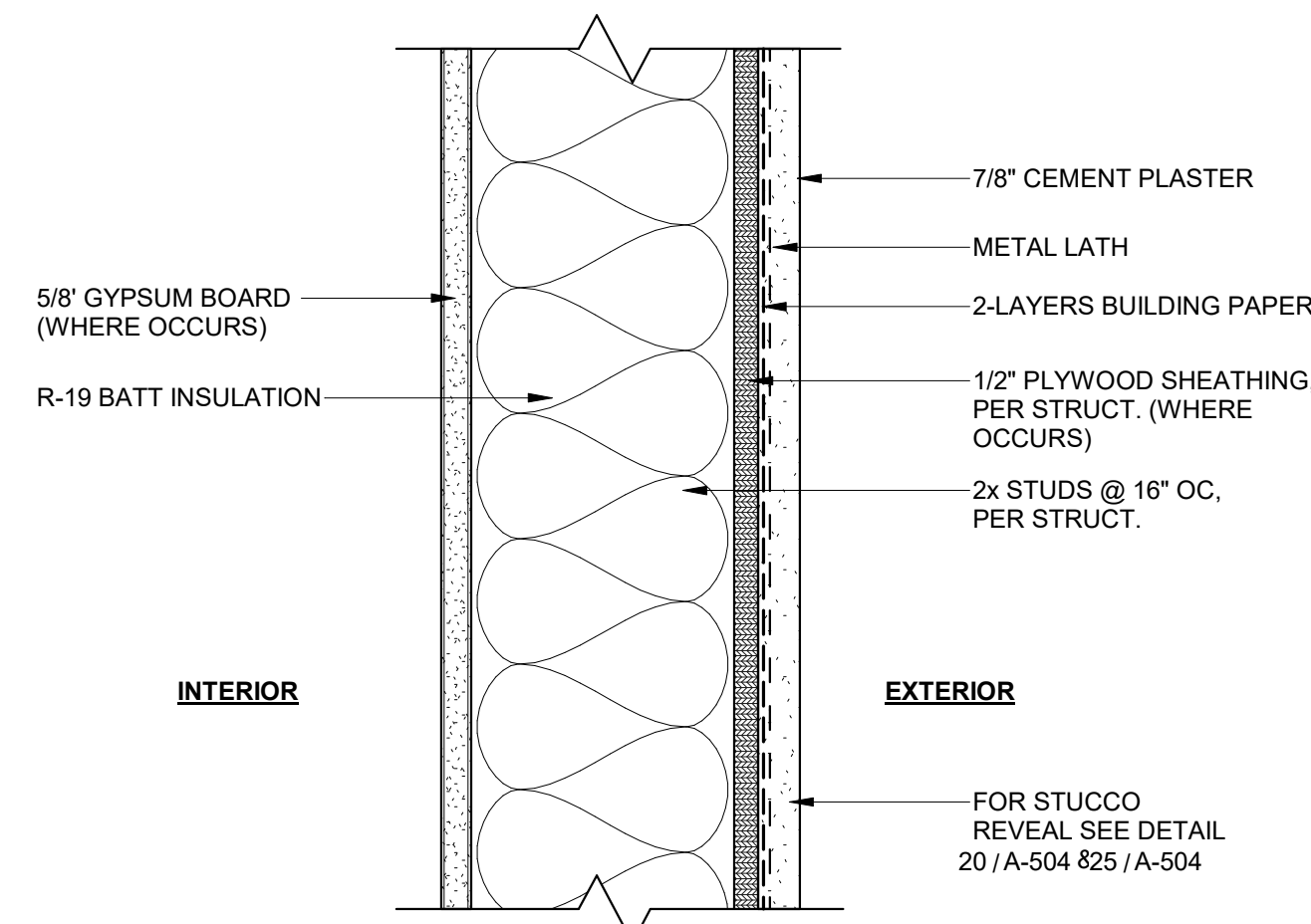
21 WATERPROOFING - WALL PANEL CONN.
1 1/2" = 1'-0"



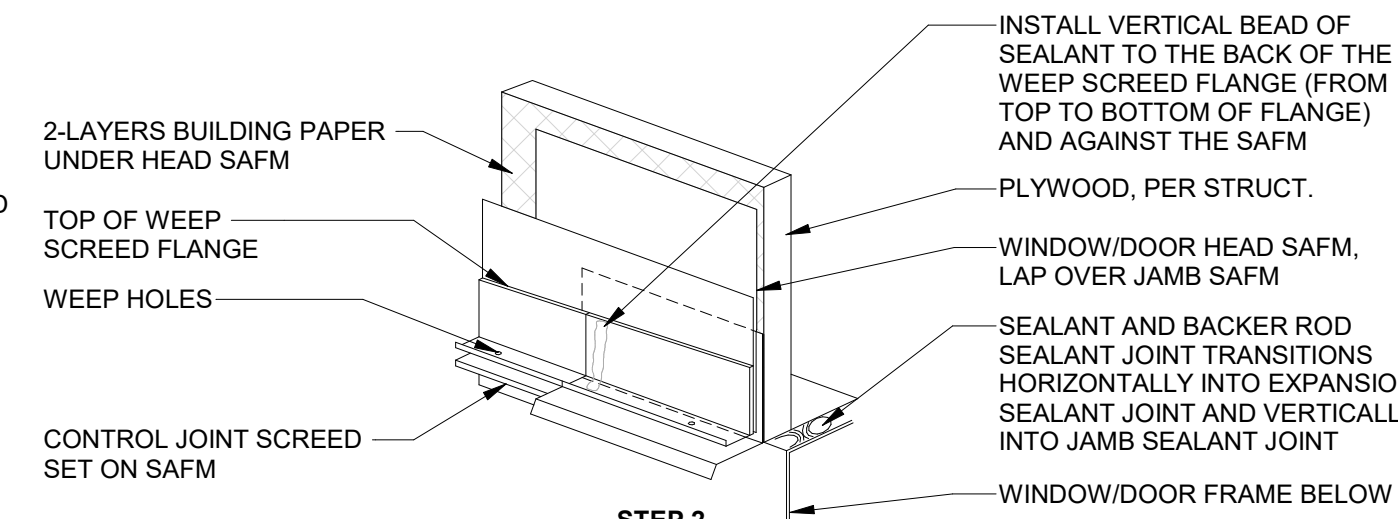
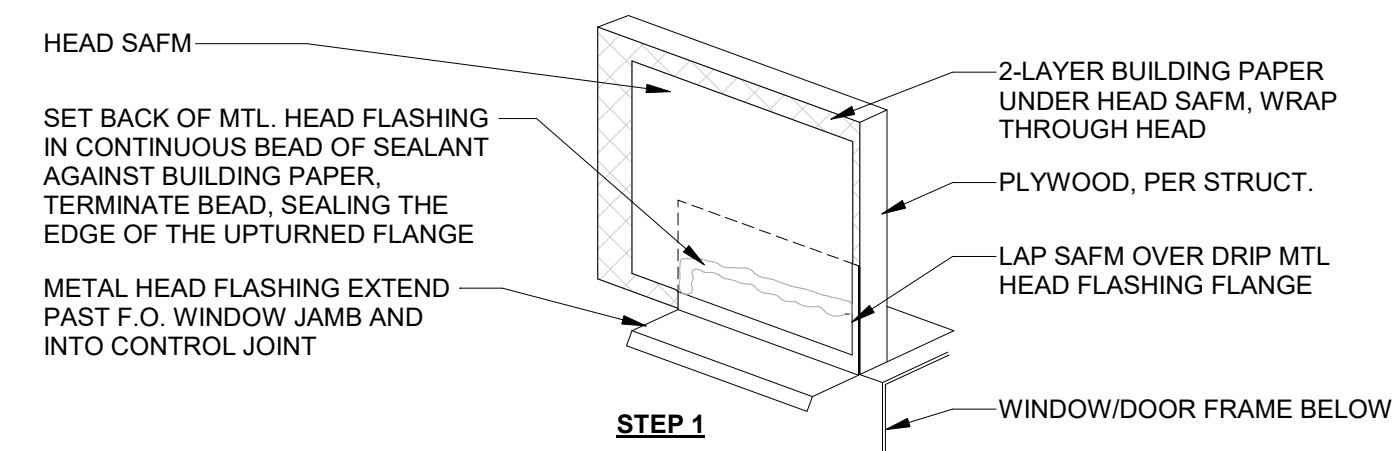
22 WATERPROOFING AT RETAINING WALL
3/4" = 1'-0"



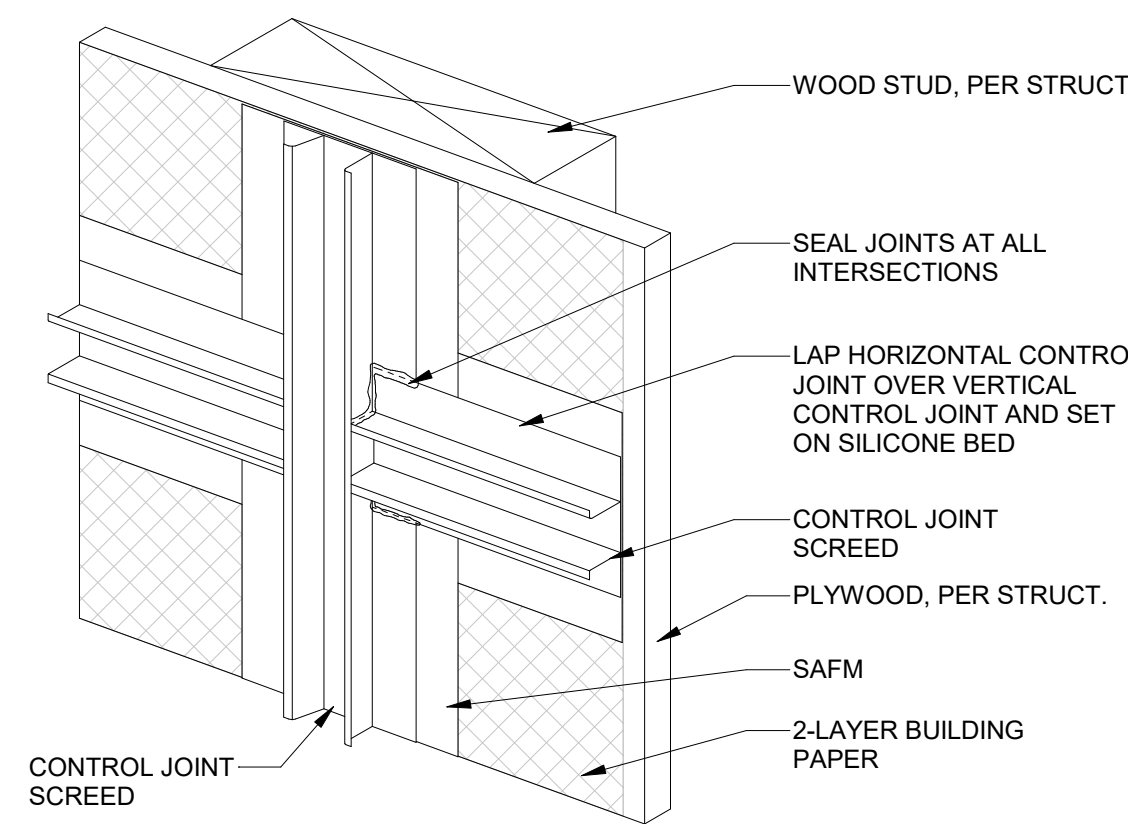
18 SEISMIC JOINT AT WALL
3" = 1'-0"



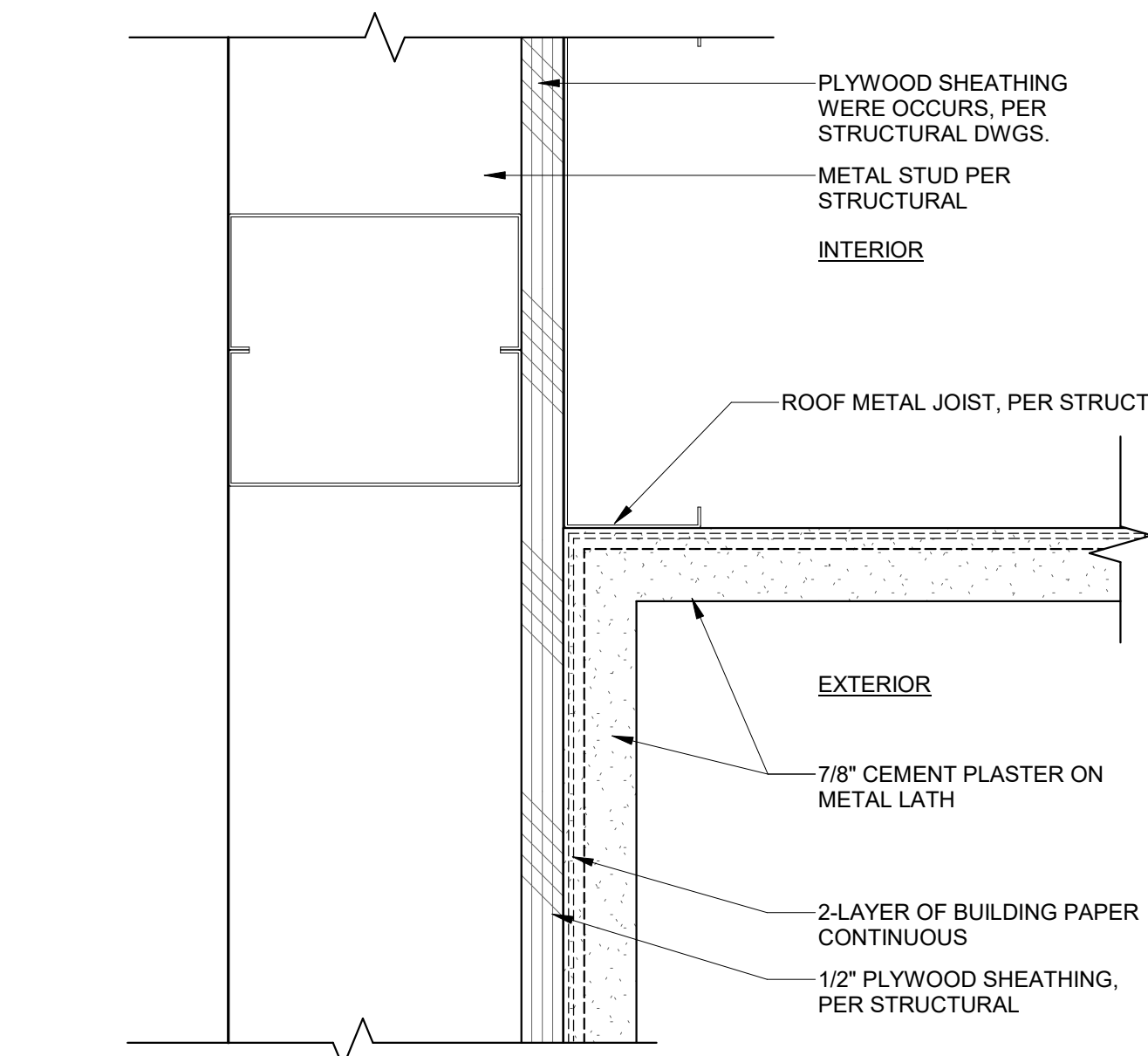
23 CEMENT PLASTER WALL ASSEMBLY, TYPICAL
3" = 1'-0"



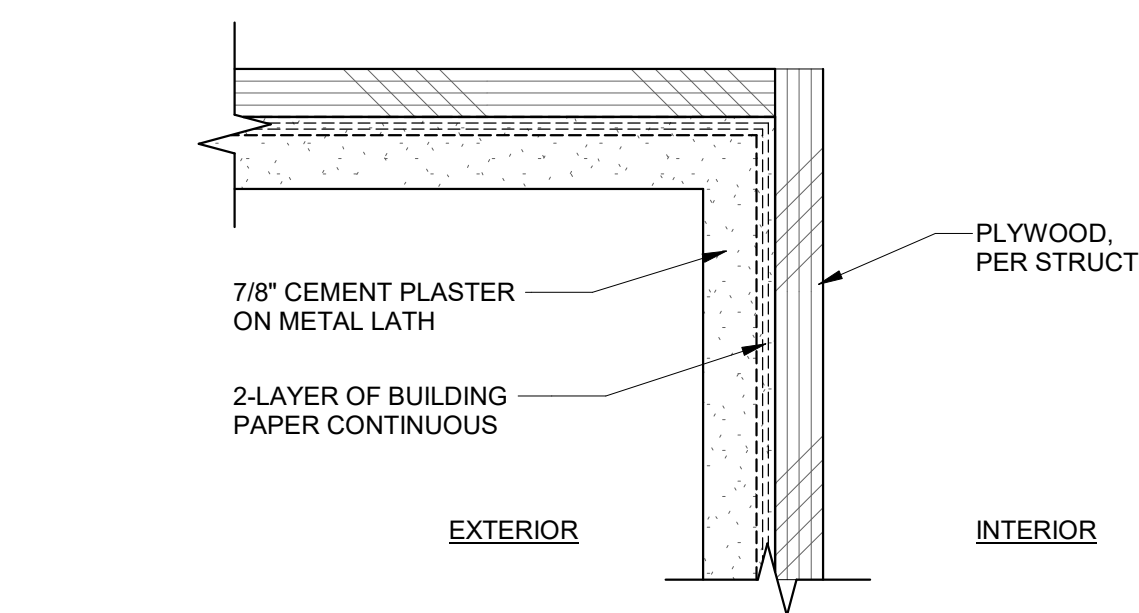
19 FLASHING AT OPENING, TYPICAL
3" = 1'-0"



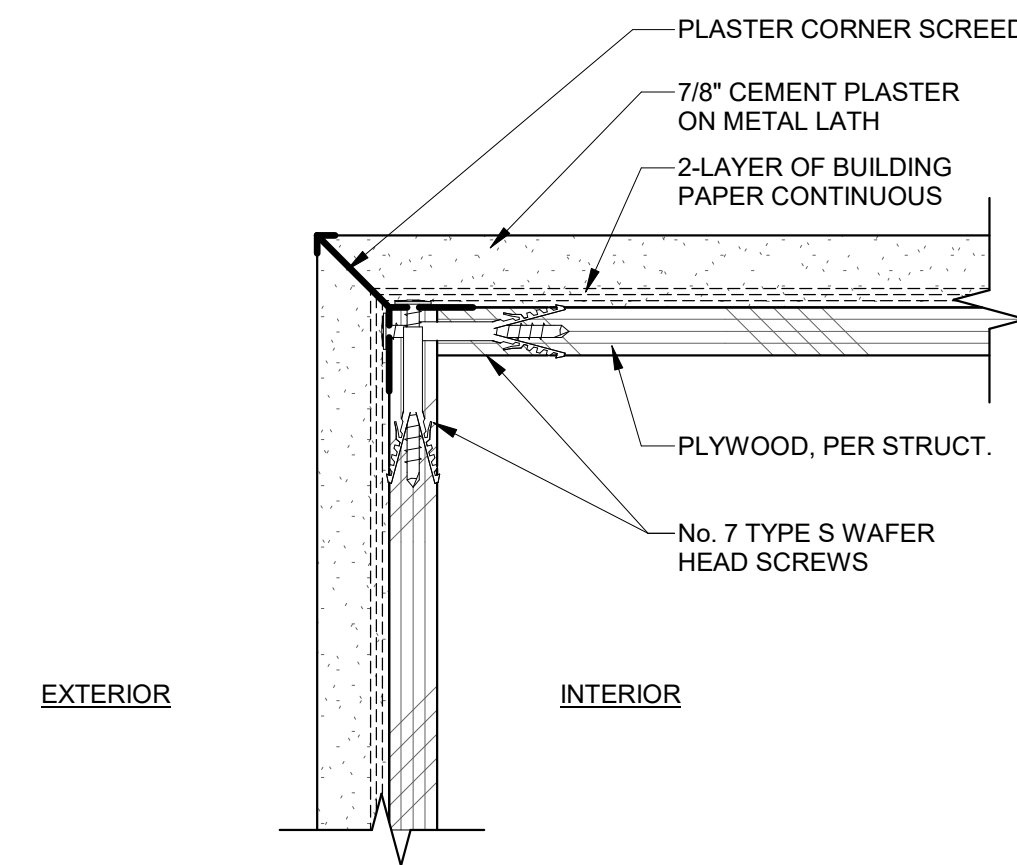
24 STUCCO REVEAL INTERSECTION, TYP
3" = 1'-0"



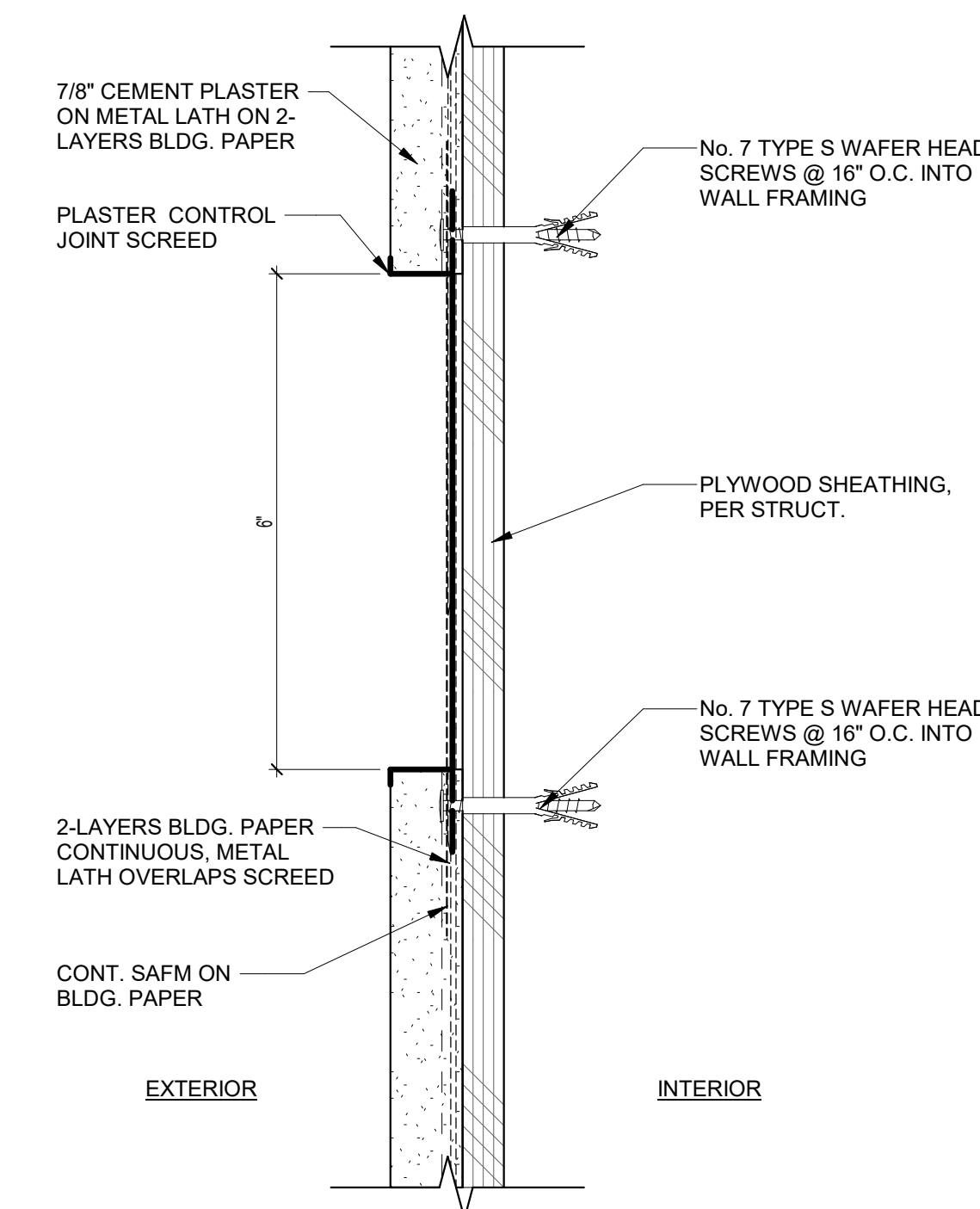
9 STUCCO SOFFIT AT STUCCO WALL
6" = 1'-0"



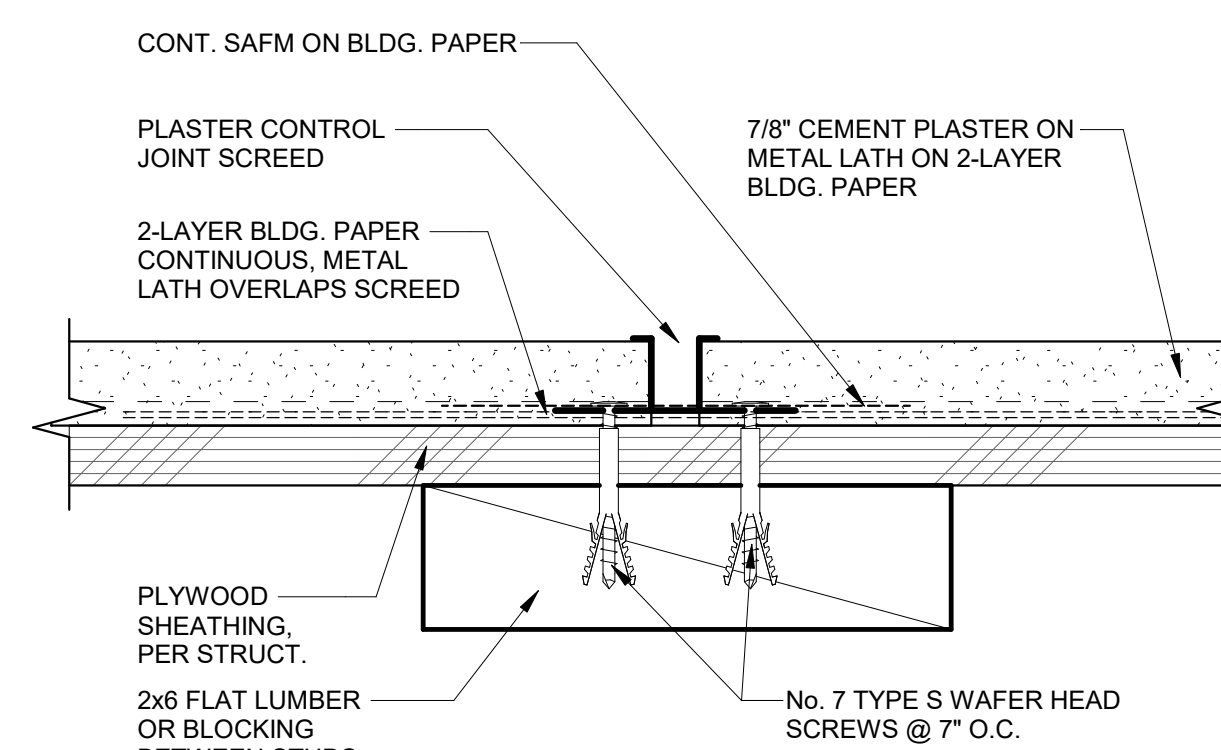
5 EXTERIOR STUCCO WALL INSIDE CORNER
6" = 1'-0"



10 EXTERIOR STUCCO WALL OUTSIDE CORNER
6" = 1'-0"



20 HORIZONTAL STUCCO CONTROL JOINT, TYP
6" = 1'-0"



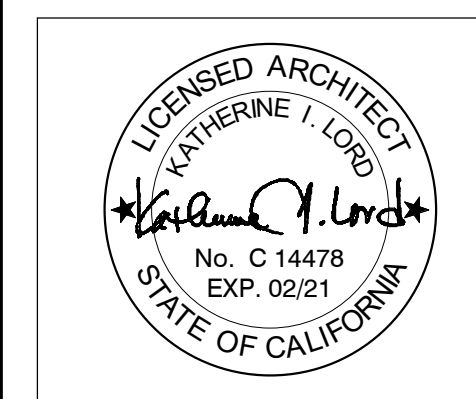
25 VERTICAL STUCCO CONTROL JOINT, TYP
6" = 1'-0"

IDENTIFICATION STAMP
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APP. 04-118833 INC.
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DATE: 01.31.20



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SWEETWATER UNION HIGH SCHOOL DISTRICT
CHULA VISTA HS - 100 BUILDING ELEVATOR ADDITION -
BARRIER REMOVAL
820 4TH AVE., CHULA VISTA, CA, 91911



Issue Schedule		
No.	Description	Date
100% DD		10/11/19
DSA SUBMITTAL		11/18/19
BACKCHECK		11/10/19

Sheet Title: DETAILS - ENVELOPE	Project Architect: KATHERINE LORD
	Project Number: 1214-113

Sheet Number:
A-504