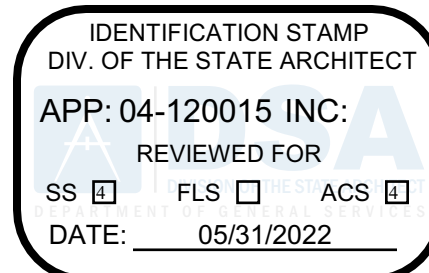


CALIFORNIA HIGHWAY PATROL

SAN GORGONIO PASS - PERIMETER FENCE

CHP - SAN GORGONIO PASS AREA OFFICE
195 HIGHLAND SPRINGS AVENUE
BEAUMONT, CA, 92223
RIVERSIDE COUNTY

PROJECT NUMBER: 00000000005953



OFFICE OF THE STATE FIRE MARSHAL
APPROVED FIRE AND PANIC ONLY



Approval of this plan does not authorize or approve any omission or deviation from applicable requirements. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.



Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605



5-20-2022

Issue		
No.	Date	Description
1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
195 HIGHLAND SPRINGS AVENUE
BEAUMONT, RIVERSIDE COUNTY
CA, 92223

CALIFORNIA HIGHWAY PATROL

Supervisor J. DIGIORGIO	Designed J. FEENEY	Drawn J. FEENEY
DSA App No. 04-120015	SFM Permit No. 21-S-0771-C-PI	

Sheet Title
COVER SHEET

Project Number 00000000005953	Sheet Scale N/A
Reference North	Sheet Number G01

APPLICABLE CODES

STATE CODES
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR)*
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 "A" CHAPTER CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-16 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION.

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED) - 2016 EDITION
NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED) - 2016 EDITION
NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS - 2017 EDITION
NFPA 17A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS - 2017 EDITION
NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION - 2016 EDITION
NFPA 22 STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION - 2013 EDITION
NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED) - 2016 EDITION
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) - 2016 EDITION
NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES - 2016 EDITION
NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED) - 2015 EDITION
UL 300 STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT- 2005 (R2010)
UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES - 2003 EDITION
UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS - 1999 EDITION
UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED - 2002 (R2012)
ICC 300 STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS - 2017 EDITION

FOR COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND 2019 CFC CHAPTER 80.

SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

LIST OF FEDERAL CODES AND STANDARDS

2010 AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN INCLUDING:
1. TITLE II REGULATIONS AT 28 CFR PART 35.151.
2. 2004 AMERICANS WITH DISABILITIES ACT ACCESSIBLE GUIDELINES (ADAAG) AT 36 CFR PART 1191, APPENDICES C AND D.
WHERE THESE TWO DIFFER, 28 CFR PART 35.151 SHALL PREVAIL.

ALL OTHER APPLICABLE CODES AND REGULATIONS, SEE SPECIFICATIONS FOR DETAILS.

GENERAL NOTES

- STATE CONSTRUCTION SUPERVISOR WILL ESTABLISH A DATE FOR DEMOLITION TO BEGIN. CONTRACTOR SHALL PROVIDE A DETAILED PHASING PLAN SCHEDULE FOR DEMOLITION.
- CONTRACTOR SHALL VERIFY LOCATIONS AND DIMENSIONS OF EXISTING IMPROVEMENTS AND FEATURES, SHOWN ON CONTRACT DOCUMENTS, BEFORE COMMENCING CONSTRUCTION, AND SHALL REPORT TO STATE IN WRITING ANY INCONSISTENCIES DISCOVERED.
- PROVIDE DUST ABATEMENT PROCEDURES AS REQUIRED AND APPROVED BY THE CITY OF BEAUMONT AND RIVERSIDE COUNTY.
- PROVIDE TEMPORARY PROTECTION FROM SURFACE RUNOFF CONTAMINATION BY DEMOLITION BYPRODUCTS AS REQUIRED AND APPROVED BY THE CITY OF BEAUMONT AND RIVERSIDE COUNTY.
- CONTRACTOR SHALL HAUL AWAY AND DISPOSE OF RUBBLE AND WASTE IN A STATE APPROVED LANDFILL. CONTRACTOR SHALL PAY ALL RELATED FEES.
- IF DISCONNECTION OF UTILITIES IS DEEMED NECESSARY TO PERFORM CONSTRUCTION WORK, THEN COORDINATE WITH AND OBTAIN APPROVALS FROM UTILITY COMPANIES AND FACILITY PRIOR TO DOING SO.
- ALL SURFACE VOIDS CREATED BY DEMOLITION PROCESS SHALL BE FILLED WITH MATERIAL SIMILAR TO EXISTING ONE, IF REPLACEMENT MATERIAL IS NOT INDICATED ON PARTIAL SITE PLANS, AT STATE'S DISCRETION AND APPROVAL. W/3-SACK CEMENT SLURRY MIX MAY BE USED TO FILL VOIDS. FILLED VOID SHALL BE LEFT IN NEAT CONDITION WITH SURFACE IRREGULARITIES LEVELED.
- TEMPORARY STORAGE OF DEMOLITION WASTE SHALL REMAIN COMPLETELY WITHIN STATE'S DESIGNATED CONSTRUCTION STAGING AREA.
- ENSURE THE SAFETY OF THE PUBLIC AT OR NEAR THE CONSTRUCTION SITE INCLUDING, BUT NOT LIMITED TO, PROVIDING STEEL PLATES AND PROPERLY MAINTAINED CONSTRUCTION FENCING AROUND CONSTRUCTION AREAS. THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. WORKER AND PEDESTRIAN PROTECTION SHALL BE PROVIDED AND MAINTAINED BY CONTRACTOR AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY INCLUDING THOSE OF CITY OF BEAUMONT AND RIVERSIDE COUNTY'S, INCLUDING BUT NOT LIMITED TO OSHA REQUIREMENTS. FOR INFORMATION, CONTACT THE STATE INDUSTRIAL SAFETY DEPARTMENT.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH FACILITY SO THAT A MINIMUM INTERRUPTION OF THE FACILITY'S OPERATIONS IS CAUSED. ALL CONSTRUCTION PHASING SHALL BE APPROVED BY STATE PRIOR TO START OF CONSTRUCTION OPERATIONS.
- ALL WALKWAY REPAIRS SHALL MEET ACCESSIBILITY REQUIREMENTS IN THE LATEST EDITION OF THE AMERICANS WITH DISABILITIES ACT.
- NOTIFY UNDERGROUND SERVICE ALERT (USA) AND ALL UTILITY COMPANIES WITHIN FACILITIES IN CONSTRUCTION AREA A MINIMUM OF 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR SHALL PROTECT (E) DRAINAGE IMPROVEMENTS DURING CONTRACT PERIOD, AND DESIGN AND IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT CONSTRUCTION POLLUTANTS AND DISCHARGES FROM CONTACTING STORM WATER AND KEEP ALL PRODUCTS OF EROSION FROM ENTERING RECEIVING WATERS. SUBMIT BMPs TO THE STATE FOR APPROVAL PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO PROVIDE, IMPLEMENT, AND MAINTAIN STORMWATER POLLUTION PREVENTION MEASURES DURING CONSTRUCTION AS REQUIRED AND SPECIFIED BY CITY OF BEAUMONT AND RIVERSIDE COUNTY.
- CONTRACTOR SHALL PROTECT (E) UTILITIES AND IMPROVEMENTS DURING CONSTRUCTION. REPAIR AND RESTORE DAMAGES CAUSED BY CONSTRUCTION BACK TO ORIGINAL CONDITIONS, AND TO STATES SATISFACTION AT CONTRACTOR'S EXPENSE.
- A LOCATION FOR CONTRACTOR'S "CONSTRUCTION STAGING AREA" WILL BE DESIGNATED WITHIN THE SITE BY STATE. CONTRACTOR IS PERMITTED TO FENCE THIS AREA TO PROTECT OFFICES, STORED MATERIAL AND EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR SECURING HIS/HER FACILITIES AGAINST THEFT OR VANDALISM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC., WITHIN THE CONTRACT DOCUMENTS, TO STATE IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY STATE, CONTRACTOR SHALL STOP WORK UNTIL MITIGATION CAN BE MADE. COSTS INCURRED RESULTING FROM CONTRACTOR'S FAILURE TO STOP WORK, AS DIRECTED BY STATE, SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
- ALL DISTURBED AREAS SHALL BE HYDROSEED, WITHIN TWO DAYS OF DISTURBANCE, IF TO REMAIN WITHIN (E)LANDSCAPE AREAS.
- EXISTING CONDITIONS ILLUSTRATED WITHIN THIS PLAN SET ARE APPROXIMATE. CONTRACTOR SHALL MEASURE AND RECORD ALL CONCRETE SURFACES AND FEATURES SO AS TO RE-ESTABLISH POSITIVE DRAINAGE PATTERNS IN PAVED AREAS AND LOCATION AND NUMBER OF PARKING STALLS.
- CONTRACTOR TO WATER TEST ALL PAVED SURFACES PRIOR TO ACCEPTANCE

SHEET INDEX

GENERAL	
G01	COVER SHEET
CIVIL	
C011	EXISTING CONDITIONS AND CONSTRUCTION PHASING PLAN
C021	SITE DEMOLITION PLAN
C022	SITE PLAN
C025	ACCESSIBLE PARKING DEMOLITION PLANS
C026	ACCESSIBLE PARKING SITE IMPROVEMENT PLANS
C027	ACCESSIBLE PARKING GRADING PLANS
C501	CIVIL DETAILS ACCESSIBLE ROUTE 1
C502	CIVIL DETAILS ACCESSIBLE ROUTE 2
C503	CIVIL SITE DETAILS
C505	CIVIL DETAILS GATES
STRUCTURAL	
S001	STRUCTURAL GENERAL NOTES
S111	STRUCTURAL SITE PLAN
S311	STRUCTURAL WALL SECTIONS
S312	STRUCTURAL WALL SECTIONS
S313	STRUCTURAL WALL SECTIONS
S401	WALL ELEVATIONS
S531	CONCRETE TYPICAL DETAILS
S541	CMU TYPICAL DETAILS

19 SHEETS

PARKING CALCULATION

PARKING SUMMARY:	REGULAR	ACCESSIBLE	TOTALS
PUBLIC PARKING	25	2 (W/ 1-VAN)	27
EMPLOYEE PARKING	30	2 (W/ 1-VAN)	32
CHP FLEET PARKING	20	0 (NOT REQUIRED)	20
REQUIRED ACCESSIBLE PARKING SPACES: (REF. CBC 11B-208 & 501) FOR UP TO 50 PARKING STALLS; 2 ADA STALLS REQUIRED WITH A MINIMUM OF 1 VAN ACCESSIBLE STALLS.			

ELECTRIC VEHICLE CHARGING STATIONS

EV CHARGING STATIONS:	REGULAR	EV ACCESSIBLE	TOTALS
PUBLIC PARKING	NONE	0	0
CHP EMPLOYEE	5	2 (W/ 1-VAN)	7
REQUIRED EV ACCESSIBLE STATIONS: (REF. CBC 11B-228 & 812) FOR UP TO 25 EV CHARGING STATIONS; 2 ADA STATION REQUIRED WITH A MINIMUM OF 1 VAN ACCESSIBLE STATION.			

DSA NOTES

- ADD THE FOLLOWING NOTES TO THE PLANS
- All work shall conform to 2016 Title 24, California Code of Regulations (CCR).
 - The scope of work - clearly indicate the scope of work on the cover sheet or general note sheet of the drawings.
 - Fabrication and installation of deferred submittal items shall not be started until contractor's drawings, specifications, and engineering calculations for the actual systems to be installed have been accepted and signed by the architect or structural engineer and approved by the DSA. List deferred submittal items for this project.
 - 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 Architect, as required by Section 4-338, Part 1, Title 24, CCR.
 - A "DSA Certified" project inspector employed by the District (Owner) and approved by the DSA shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR.
 - A DSA accepted testing laboratory directly employed by the District (Owner) shall conduct all the required tests and inspections for the project.
 - The intent of these drawings and specifications is that the work of the alteration, rehabilitation or reconstruction is to be in accordance with Title 24, CCR. Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, CCR, a construction change document (CCD), or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by DSA before proceeding with the work. (Section 4-317(c), Part 1, Title 24, CCR)
 - Grading plans, drainage improvements, road and access requirements and environmental health considerations shall comply with all local ordinances.

PROJECT TEAM

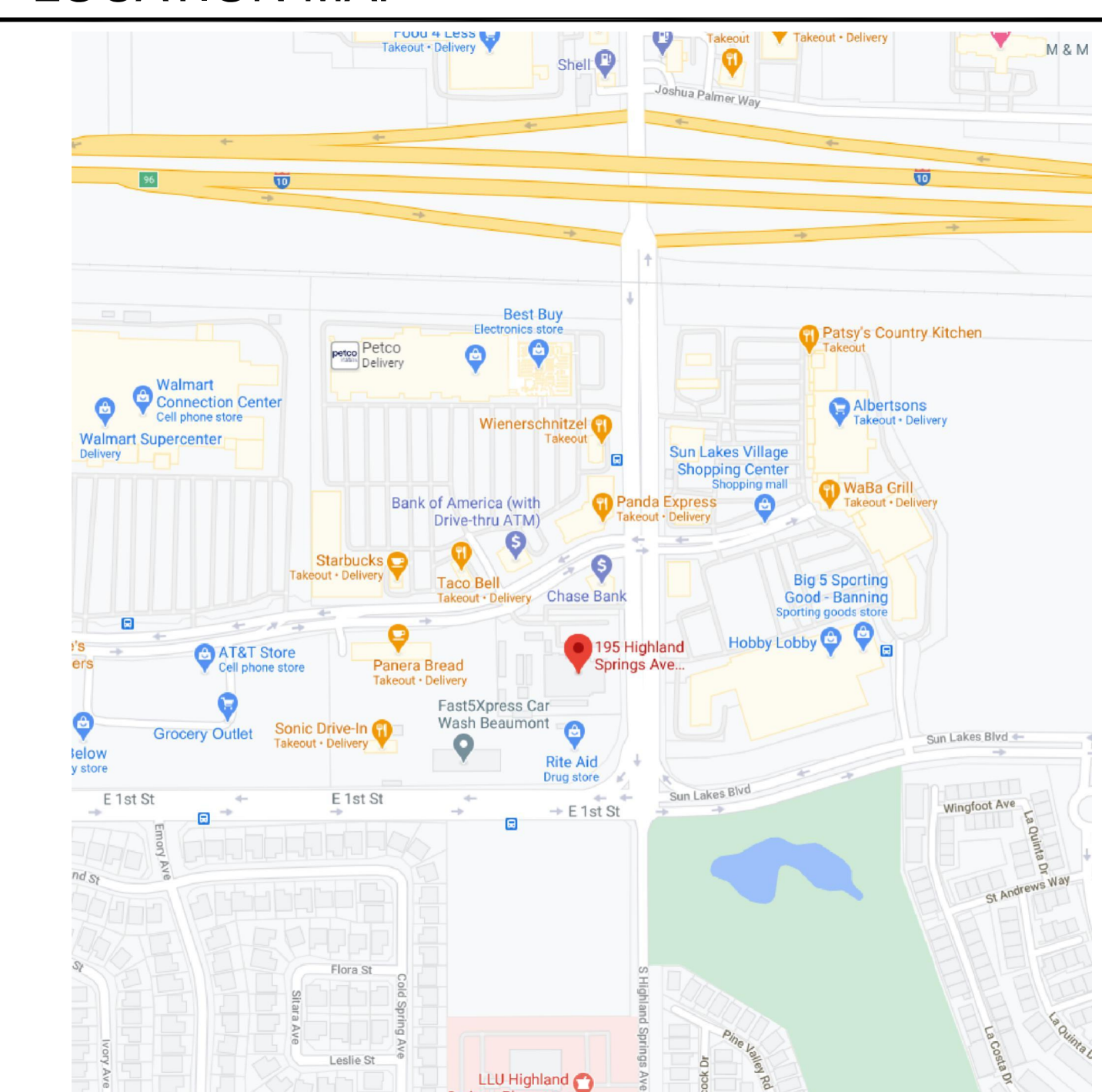
PROJECT MANAGER: BRAD TRESS
CIVIL: JOHN FEENEY
STRUCTURAL: MARSHALL ROBERTS

PROJECT SCOPE

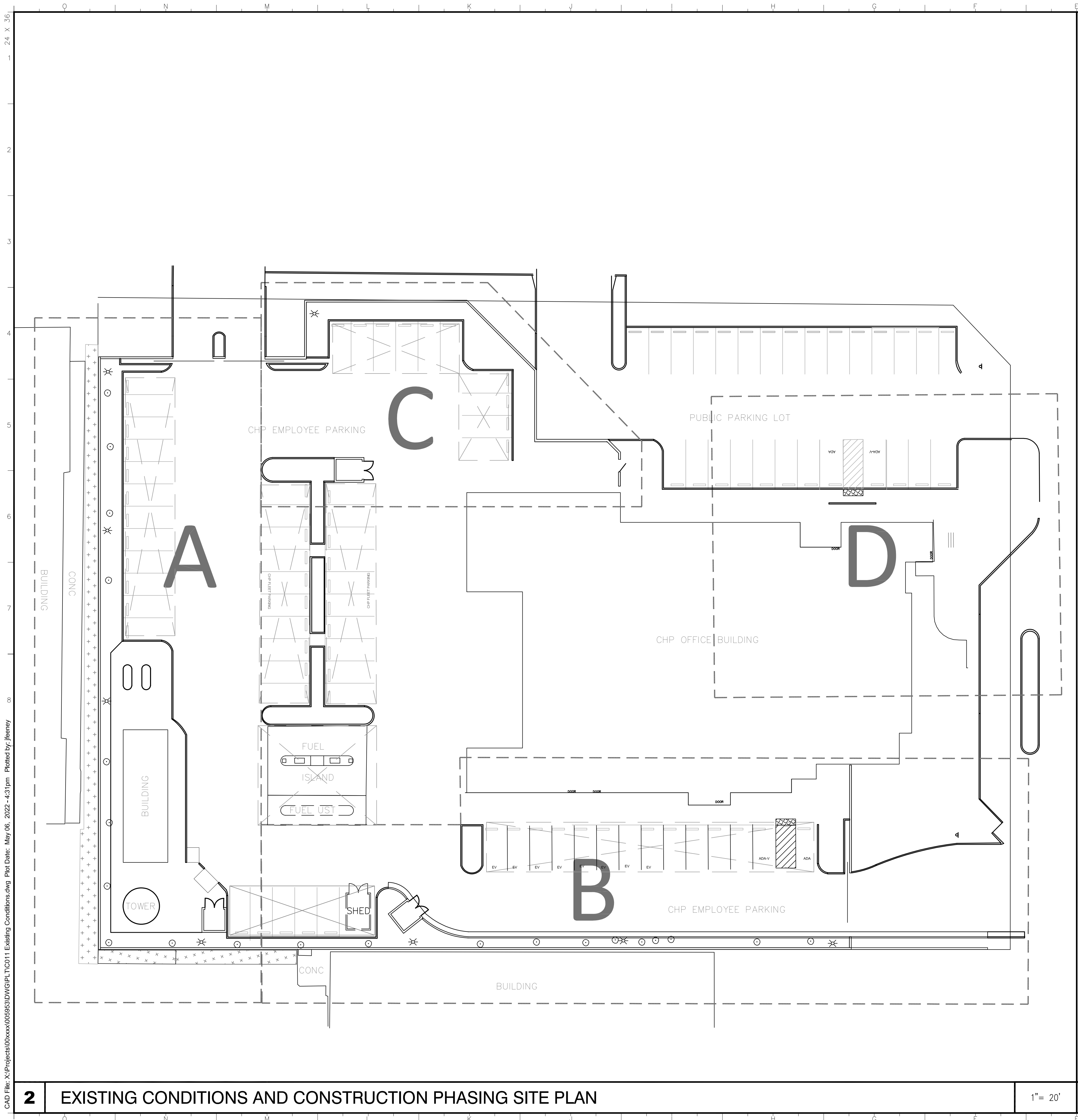
- REMOVE EXISTING CMU WALL ON ALL FOUR SIDES OF CHP OFFICE SECURED AREA. CONSTRUCT NEW HIGHER CMU WALLS AROUND SECURED AREA. EXISTING VEHICLE GATES AND MAN GATE TO BE REMOVED AND NEW GATES INSTALLED.
- UPGRADE ACCESSIBLE PARKING STALLS AND ACCESS ROUTE TO BUILDING IN BOTH THE PUBLIC PARKING AREA AND CHP OFFICE SECURED AREA. ACCESSIBLE PARKING UPGRADES: DEMOLISH EXISTING PAVEMENT AND WALKS TO CONSTRUCT UPGRADES TO ACCESSIBLE PARKING AND ACCESS ROUTE PER 2019 CBC REQUIREMENTS.
- ADDITIONAL WORK SHOWN ON THESE PLANS AND DESCRIBED IN SPECIFICATIONS.

PRIOR REVIEWS

LOCATION MAP



RELATIVE BORDER SCALE IN INCHES



CONSTRUCTION PHASING NOTES:

1. CONTRACTOR SHALL PHASE WORK TO ALLOW CHP OFFICE TO REMAIN OPEN DURING CONSTRUCTION. PROPOSED PHASING AREAS ARE LABELED A, B, C & D. PRIOR TO START OF WORK CONTRACTOR REQUIRED TO SUBMIT FORMAL WORK PLAN TO STATE FOR REVIEW AND APPROVAL.
2. CHP STAFF SHALL HAVE AT LEAST ONE DRIVEWAY AVAILABLE AT ALL TIMES AND ACCESS TO FUEL ISLAND PUMPS DURING CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH CHP STAFF FOR REGULAR GASOLINE DELIVERY TRUCK ACCESS DURING THE PROJECT.
4. STATE WILL ALLOW CONTRACTOR TO USE/OCCUPY A PORTION OF THE SECURED AREA FOR THEIR EQUIPMENT, MATERIALS AND OPERATIONS. USE AREAS WILL CHANGE WITH EACH PHASE OF THE PROJECT. AREAS TO BE COORDINATED WITH STATE PRIOR TO STORING/STAGING.
5. CONTRACTOR WILL PROVIDE ONSITE SECURITY IN THE PROJECT AREA DURING THIS CONTRACT. MINIMUM PROTECTION SHALL CONSIST OF A SECURITY GUARD ONSITE 24 HOURS, 7 DAYS A WEEK DURING THIS PROJECT. NOTE: SECURITY PERSONAL TO BE VETTED AND APPROVED BY STATE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-120015 INC:
REVIEWED FOR
SS FLS ACS
DATE: 05/31/2022

OFFICE OF THE STATE FIRE MARSHAL
APPROVED FIRE AND PANIC ONLY
06/28/22
21-0771
FIRE
SINCE 1850
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Architecture & Engineering Sections
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Real Estate Services Division
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Issue		
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Project
SAN GORGONIO PASS PERIMETER FENCE
195 HIGHLAND SPRINGS AVENUE
BEAUMONT, RIVERSIDE COUNTY
CA, 92223

CALIFORNIA HIGHWAY PATROL

Supervisor J. DIGIORGIO	Designed J. FEENEY	Drawn J. FEENEY
DSA App No. 04-120015	SFM Permit No. 21-S-0771-C-PI	

Sheet Title
EXISTING CONDITIONS AND CONSTRUCTION PHASING PLAN

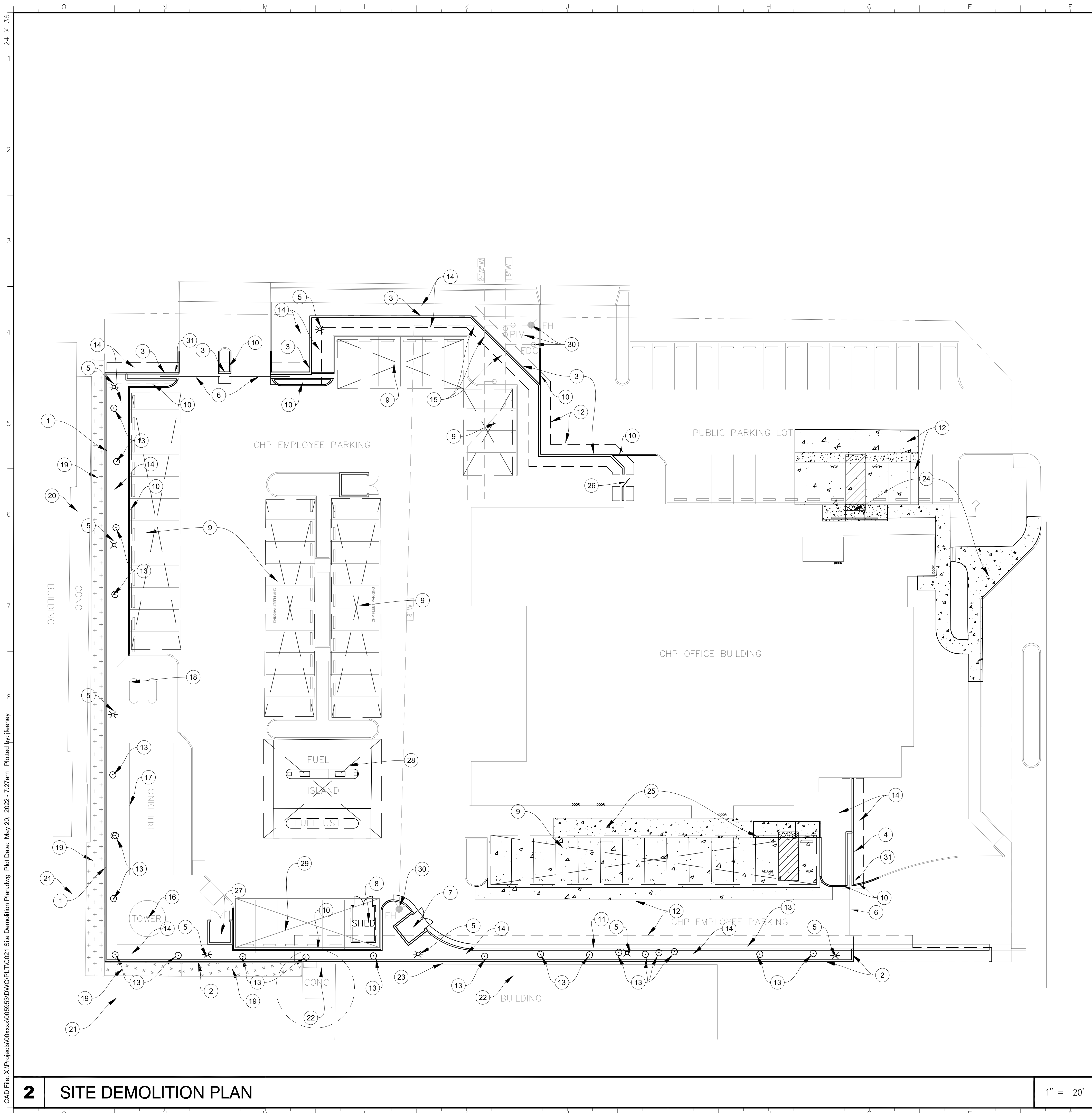
Project Number
000000000005953

Reference North 	Sheet Scale 1" = 20'-0"
	Sheet Number C011

2 EXISTING CONDITIONS AND CONSTRUCTION PHASING SITE PLAN

1" = 20'

1 CONSTRUCTION PHASING NOTES



1. REMOVE AND DISPOSE OF CMU WALL ALONG WEST PROPERTY LINE.
2. REMOVE AND DISPOSE OF CMU WALL ALONG SOUTH PROPERTY LINE.
3. REMOVE AND DISPOSE OF CMU WALL ALONG NORTH SIDE OF SITE.
4. REMOVE AND DISPOSE OF CMU WALL ALONG EAST SIDE OF SITE.
5. REMOVE LIGHT POLE AND SALVAGE FOR REINSTALLATION ON NEW CONCRETE BASE AFTER NEW CMU WALL IS CONSTRUCTED.
6. REMOVE AND REINSTALL SLIDING VEHICLE GATE.
7. REMOVE AND DISPOSE OF TRASH ENCLOSURE.
8. RELOCATE WOOD SHED FOR PROJECT AND MOVE BACK AT END OF PROJECT. STATE WILL REMOVE LOOSE ITEMS IN SHED.
9. PROTECT CAR CANOPY
10. REMOVE AND DISPOSE OF CONCRETE CURB.
11. REMOVE AND DISPOSE CONCRETE CURB AND GUTTER
12. SAWCUT, REMOVE AND DISPOSE OF REINFORCE CONCRETE PAVEMENT.
13. REMOVE TREE AND ROOT BALL.
14. REMOVE LANDSCAPING, CAP IRRIGATION LINES AS NECESSARY.
15. PROTECT WATER LINES AND VALVES.
16. PROTECT CONCRETE BASE OF TOWER.
17. PROTECT BUILDING.
18. PROTECT PROPANE TANKS AND FOUNDATION.
19. DEMO OFFSITE LANDSCAPING, CAP IRRIGATION AND STABILIZE SLOPE, AS NEEDED FOR NEW CMU WALL CONSTRUCTION.
20. PROTECT CONCRETE WALK NEXT TO BUILDING (Les Schwab Tire)
21. PROTECT CONCRETE CURB AND AC PAVEMENT
22. PROTECT CONCRETE PAD, UTILITY EQUIPMENT AND BUILDING. (Rite Aid).CAUTION, HAND DIG ONLY.
23. REMOVE OFFSITE CONCRETE GUTTER ALONG BUILDING. (Rite Aid)
24. REMOVE CONCRETE WALK AND PAVEMENT FOR PUBLIC ADA PARKING UPGRADES.
25. REMOVE CONCRETE WALK AND PAVEMENT FOR EMPLOYEE ADA PARKING UPGRADES.
26. REMOVE AND DISPOSE OF MAN GATE.
27. PROTECT AIR COMPRESSOR ENCLOSURE.
28. PROTECT FUEL ISLAND PUMPS AND CANOPY.
29. REMOVE AND DISPOSE OF CAR CANOPY.
30. PROTECT FIRE HYDRANT, PIV AND FDC FACILITIES.
31. REMOVE AND SALVAGE FIRE KNOX KEY SWITCH ASSEMBLY, FOR VEHICLE ENTRY GATE, IN CMU WALL.

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Department of General Services
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707 Third Street, Suite 4-105
West Sacramento, California 95605

REGISTERED PROFESSIONAL ENGINEER
JOHN P. FEENEY
No. C-42087
John P. Feeney
CIVIL
STATE OF CALIFORNIA
5-20-2022

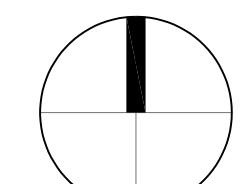
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CALIFORNIA HIGHWAY PATROL
Supervisor J. DIGIORGIO Designed J. FEENEY Drawn J. FEENEY
DSA App No. 04-120015 SFM Permit No. 21-S-0771-C-PI

Sheet Title
SITE DEMOLITION PLAN

Project Number
00000000005953

Reference North  Sheet Scale 1" = 10'-0"
Sheet Number C021

2 SITE DEMOLITION PLAN

1" = 20'

1 # SHEET KEYNOTES

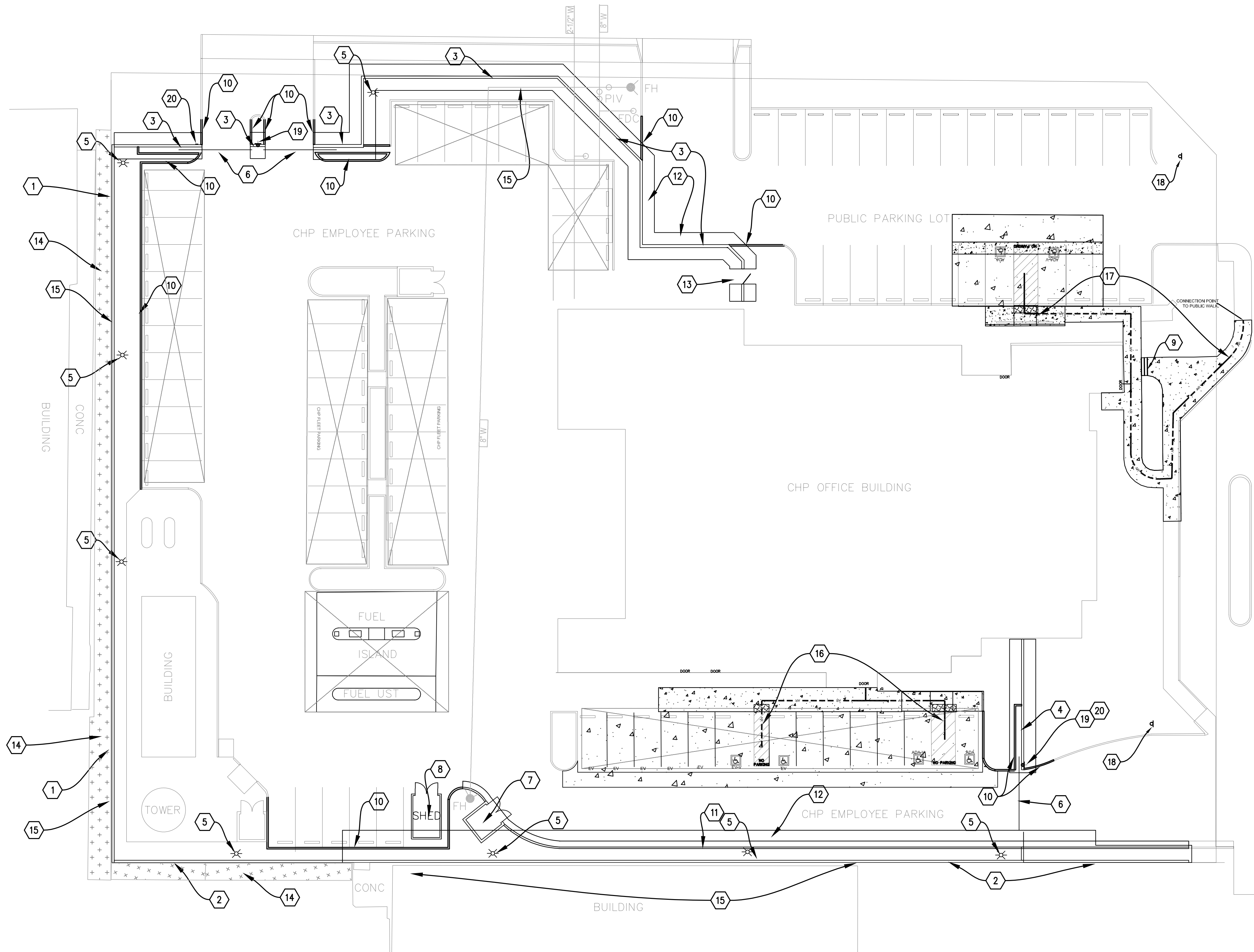
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CAD File: X:\Projects\00xxxx\005953\DWG\PLT\C022 Site Plan.dwg Plot Date: May 20, 2022 - 7:29am Plotted by: jfeeney
 24 X 36
 1
 2
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 12

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATION INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CONSTRUCTED BY THE PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLAINT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

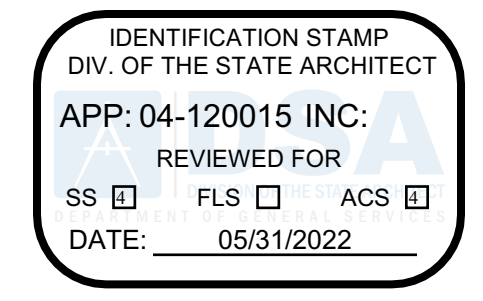
3 ACCESSIBILITY STATEMENT



1. INSTALL CMU WALL ALONG WEST PROPERTY LINE. 8
S311
2. INSTALL CMU WALL ALONG SOUTH PROPERTY LINE. 16
S311 11
S312 20
S312
3. INSTALL CMU WALL ALONG NORTH SIDE OF SITE. 7
S313
4. INSTALL CMU WALL ALONG EAST SIDE OF SITE. 15
S313
5. INSTALL SALVAGED LIGHT POLE ON NEW CONCRETE BASE AFTER NEW CMU WALL IS CONSTRUCTED. MANUFACTURE REQUIREMENTS.
6. REINSTALL EXISTING ROLLING STEEL VEHICLE GATE.
7. INSTALL CMU TRASH ENCLOSURE. 2
C503
8. RELOCATE EX. WOOD SHED BACK HERE AT END OF PROJECT.
9. INSTALL CONCRETE STAIRS AND METAL HANDRAILS. 1
C503
10. INSTALL CONCRETE CURB. 11
C502
11. INSTALL CONCRETE CURB AND GUTTER 4
C502
12. INSTALL REINFORCE CONCRETE PAVEMENT. 8
C502
13. INSTALL PEDESTRIAN SWING GATE. 2
C505
14. RESTORE OFFSITE PLANTER AREA DISTURBED BY WALL CONSTRUCTION TO PRE-CONSTRUCTION CONDITION; ELEVATION, PLANTS, IRRIGATION SYSTEM, ETC.
15. INSTALL CONCRETE GUTTER ALONG OUTSIDE OF WALL TO MATCH PREVIOUS CONDITIONS. 12
C502
16. INSTALL CHP EMPLOYEE PARKING; ADA UPGRADES;
FOR DETAILS SEE 3
C026
17. INSTALL PUBLIC PARKING AND ACCESS ROUTE TO PUBLIC WALK; ADA UPGRADES,
FOR DETAILS SEE 2
C026
18. INSTALL ACCESSIBLE PARKING TOW-AWAY SIGNS,
FOR DETAILS SEE 5
C501
19. INSTALL EMERGENCY STROBE SENOR, 1790-1014 STROBESWITCH BY TOMAR ELECTRONICS OR EQUAL, ON TOP OF CMU WALL THAT COMPLIES TO LOCAL FIRE AUTHORITY REQUIREMENTS. CONNECT STROBE SENOR TO GATE OPERATOR.
20. INSTALL SALVAGED FIRE KNOX KEY SWITCH ASSEMBLY IN NEW CMU WALL AND CONNECT TO GATE OPERATOR .

LEGEND:

- NEW CONCRETE PAVEMENT 8
C502
- NEW CONCRETE WALK 1
C502
- ACCESSIBLE ROUTE (POT)



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BEAUMONT, RIVERSIDE COUNTY
CA, 92223

CALIFORNIA HIGHWAY PATROL
Supervisor J. DIGIORGIO
Designed J. FEENEY
Drawn J. FEENEY

DSA App No. 04-120015
SFM Permit No. 21-S-0771-C-PI

Sheet Title
SITE PLAN

Project Number
00000000005953

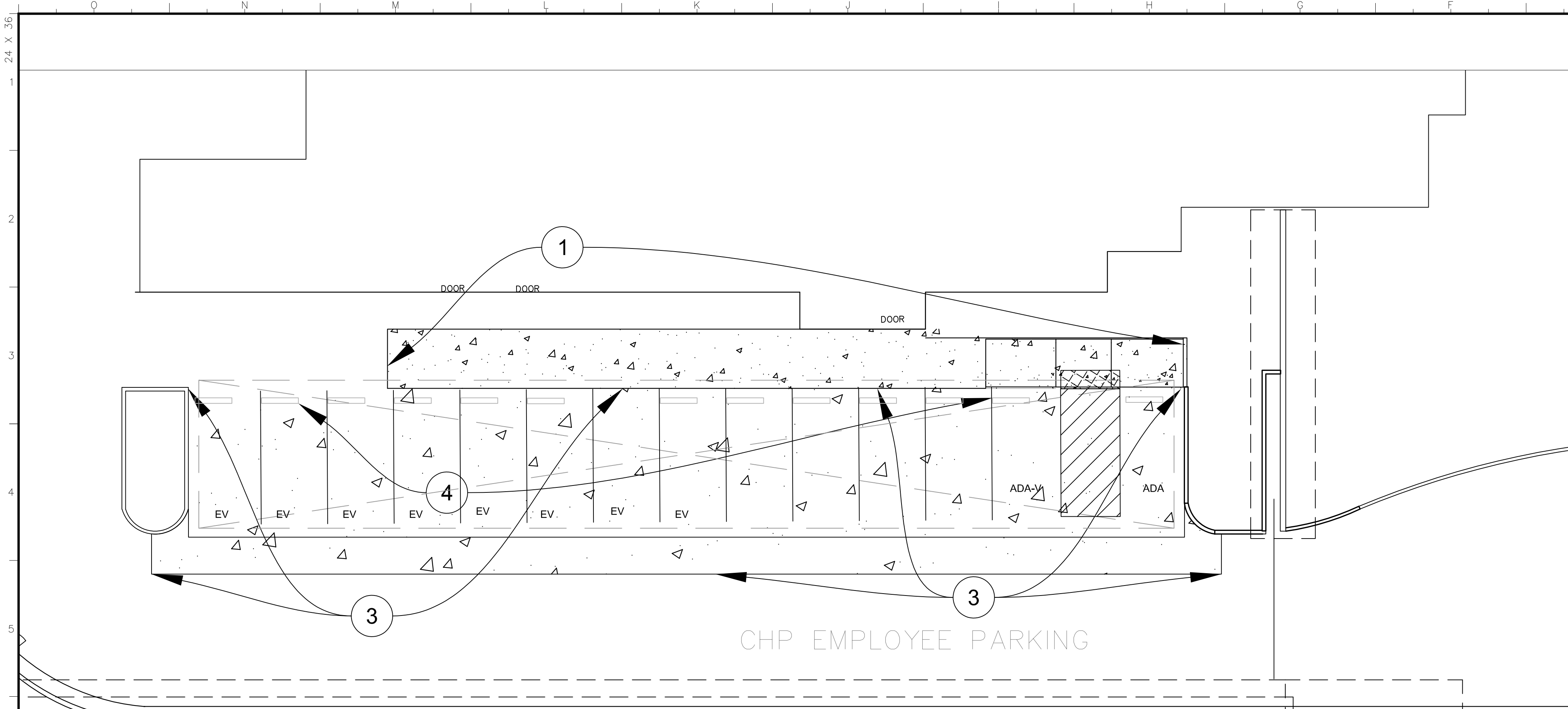
Reference North
Sheet Scale
1" = 20'-0"
Sheet Number
C022

2 SITE PLAN

1" = 20'

1 # SHEET KEYNOTES & LEGEND

RELATIVE BORDER SCALE IN INCHES



1. REMOVE AND DISPOSE OF CONCRETE CURB AND WALK.
2. REMOVE AND DISPOSE CONCRETE GUTTER.
3. SAWCUT, REMOVE AND DISPOSE OF REINFORCE CONCRETE PAVEMENT.
4. REMOVE AND REINSTALL WHEEL STOPS, TYPICAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120015 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/31/2022

OFFICE OF THE STATE FIRE MARSHAL
 APPROVED FIRE AND PANIC ONLY

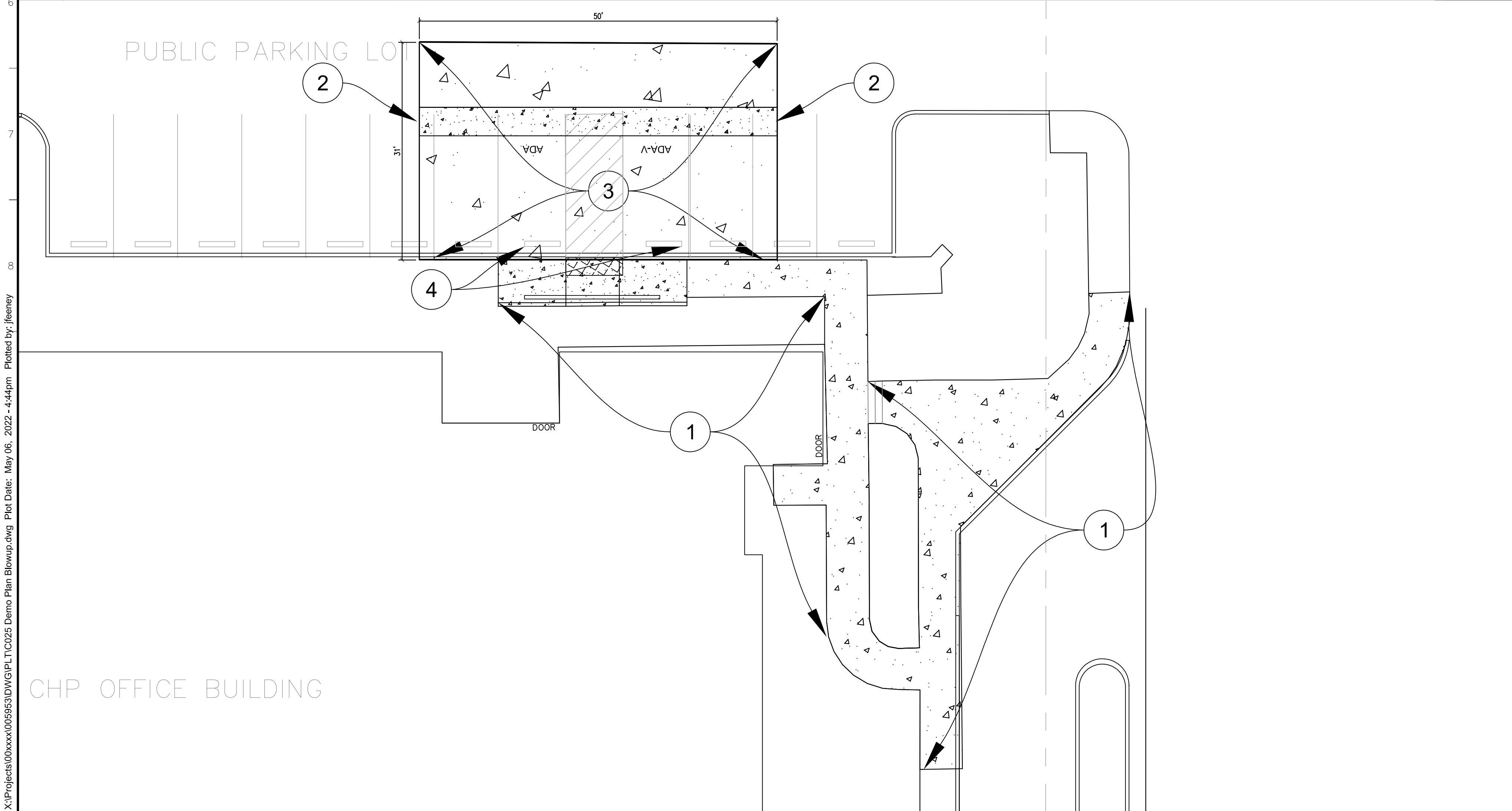
 06/28/22
 21-0771
 FIRE
 SINCE 1850
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DGS
 GENERAL SERVICES
 Department of General Services
 Architecture & Engineering Sections
 State of California
 Real Estate Services Division
 Project Management & Development Branch
 707 Third Street, Suite 4-105
 West Sacramento, California 95605

REGISTERED PROFESSIONAL ENGINEER
 JOHN P. FEENEY
 No. C-42087
 John P. Feeney
 CIVIL
 STATE OF CALIFORNIA

5-20-2022

3 CHP EMPLOYEE PARKING DEMOLITION PLAN 1" = 10'



2 PUBLIC PARKING DEMOLITION PLAN 1" = 10'

1 # SHEET KEYNOTES

Issue		
No.	Date	Description
1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVENUE
 BEAUMONT, RIVERSIDE COUNTY
 CA, 92223
 CALIFORNIA HIGHWAY PATROL

Supervisor J. DIGIORGIO	Designed J. FEENEY	Drawn J. FEENEY
DSA App No. 04-120015	SFM Permit No. 21-S-0771-C-PI	

Sheet Title
ACCESSIBLE PARKING DEMOLITION PLANS

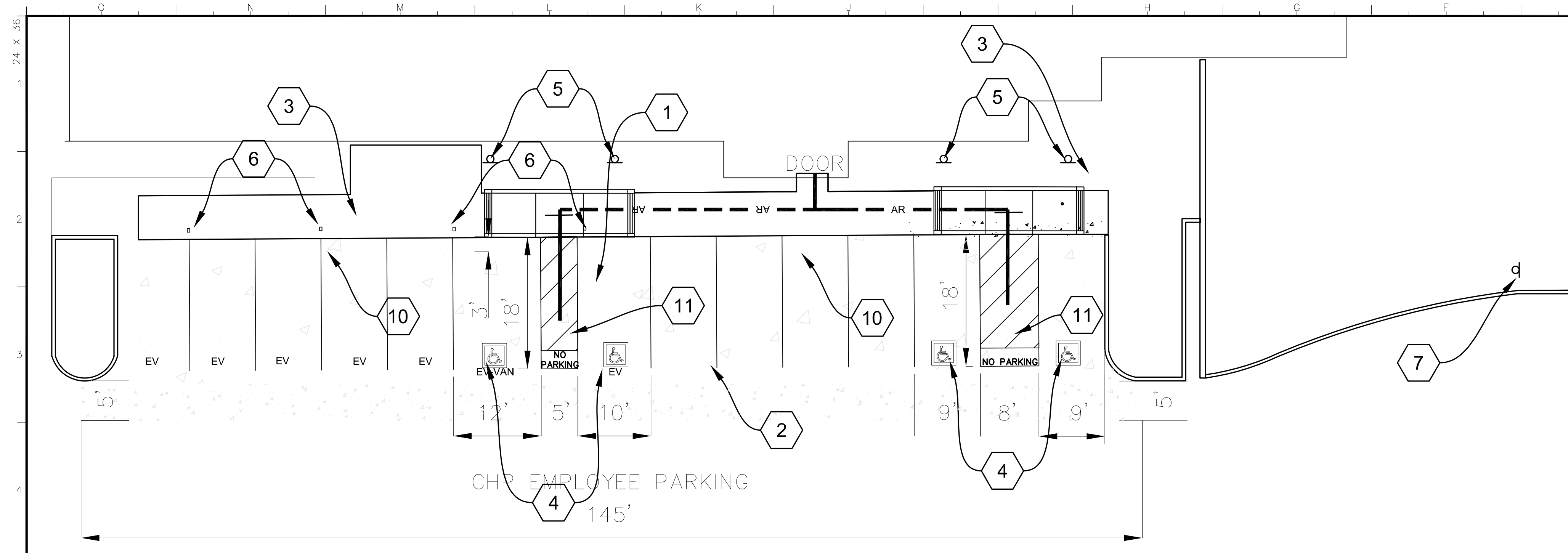
Project Number 00000000005953	
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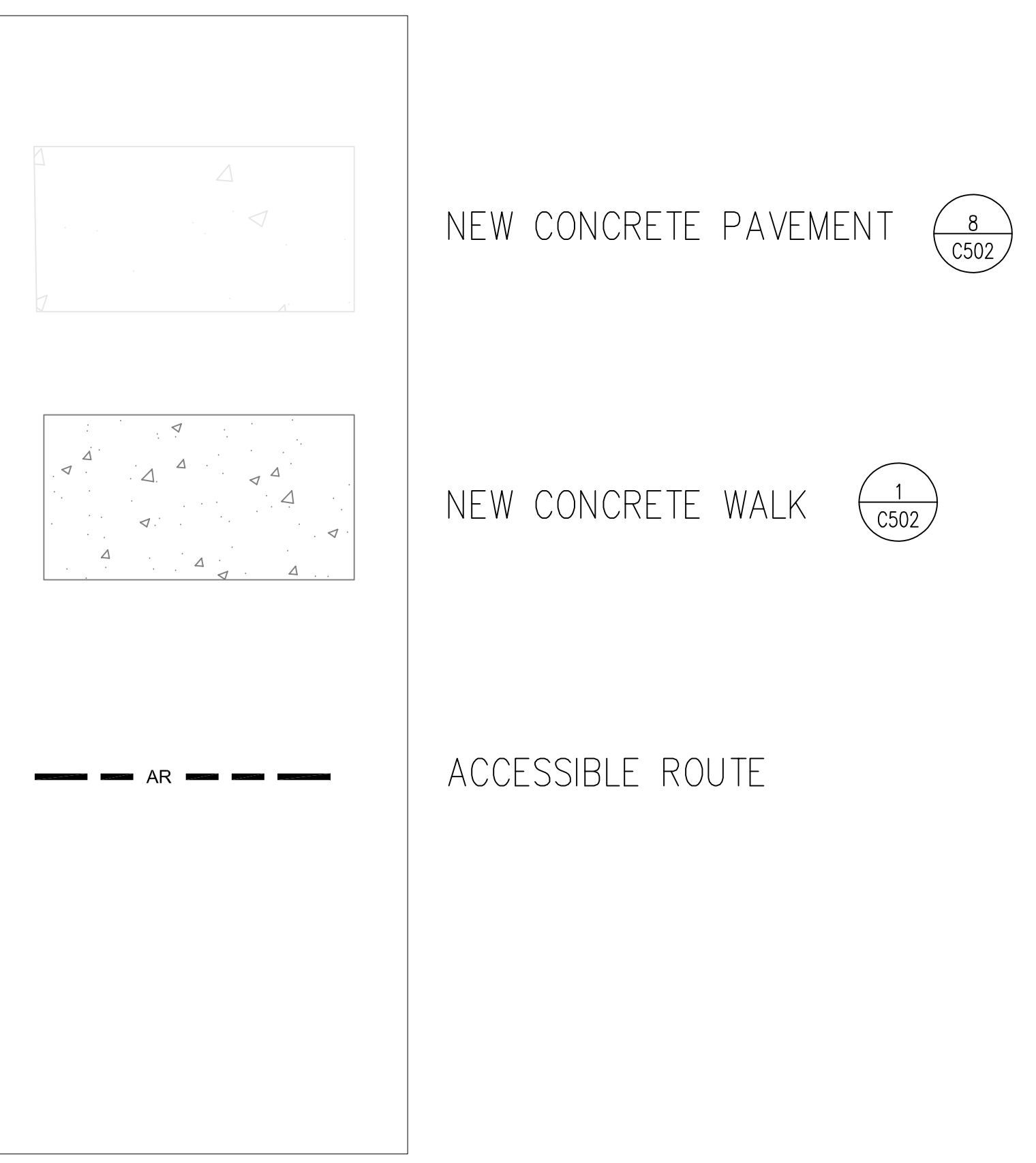
RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: JULY 19, 2022

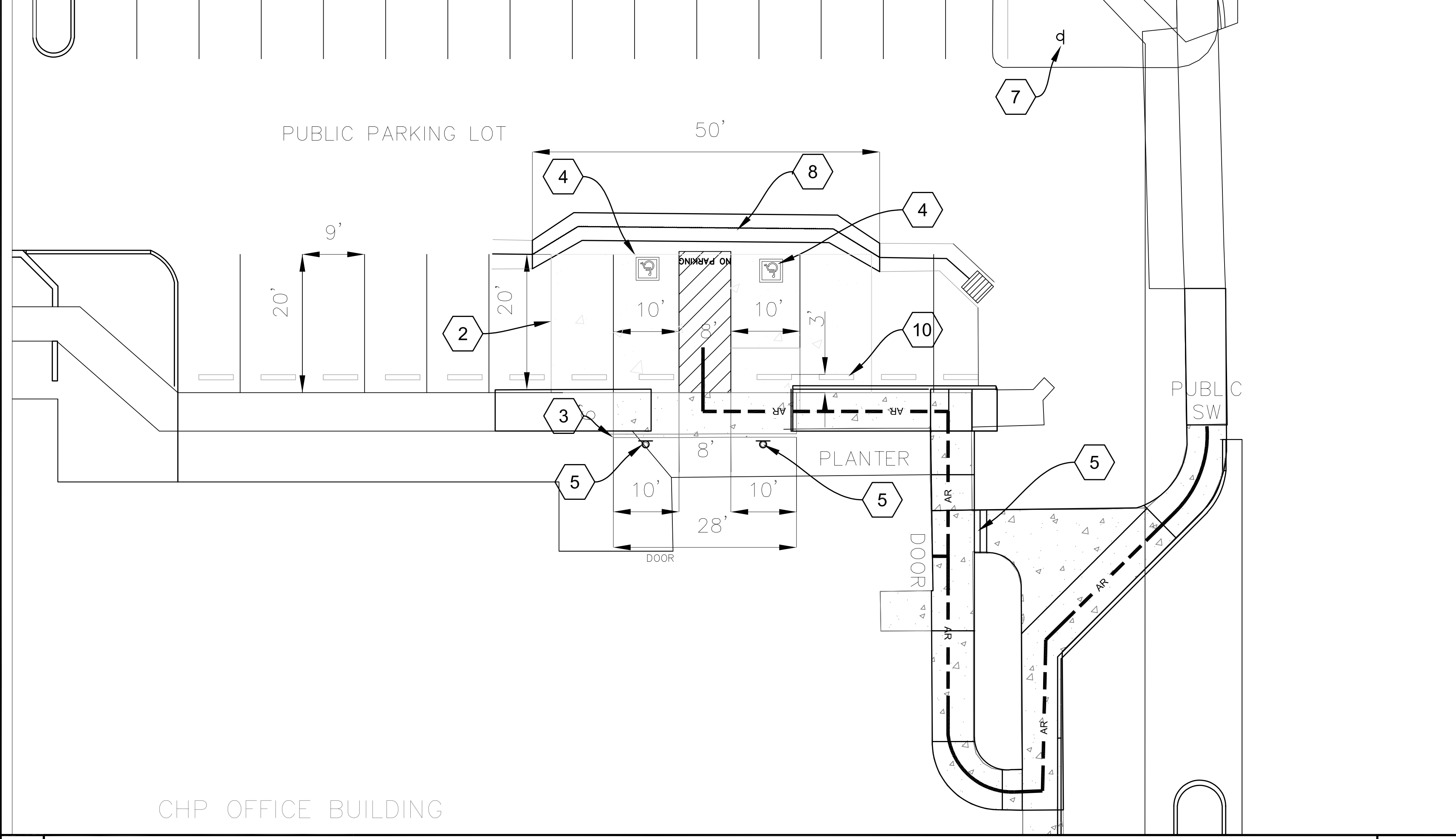


1. CONCRETE PAVEMENT (8 C502, 4 C501)
2. PARKING STALL LINES, 4" WIDE (13 C502)
3. CONCRETE PARALLEL CURB RAMP (1 C501)
4. ACCESSIBLE PARKING STALL STRIPING LAYOUT DETAILS (4 C501)
5. ACCESSIBLE PARKING STALL SIGN (6 C501)
6. EXISTING ELECTRICAL VEHICLE CHARGING STATION, TO REMAIN
7. ACCESSIBLE TOW-AWAY ENTRANCE SIGN (3 C501)
8. CONCRETE "V" GUTTER (12 C502)
9. CONCRETE STAIRS (12 C502)
10. CONCRETE WHEEL STOPS (3 C502)
11. ACCESSIBLE PARKING STALL SYMBOL (2 C502)

LEGEND:



3 CHP EMPLOYEE PARKING ADA UPGRADE PLAN 1" = 10'



2 PUBLIC PARKING ADA UPGRADE PLAN 1" = 10'

1 # SHEET KEYNOTES & LEGEND

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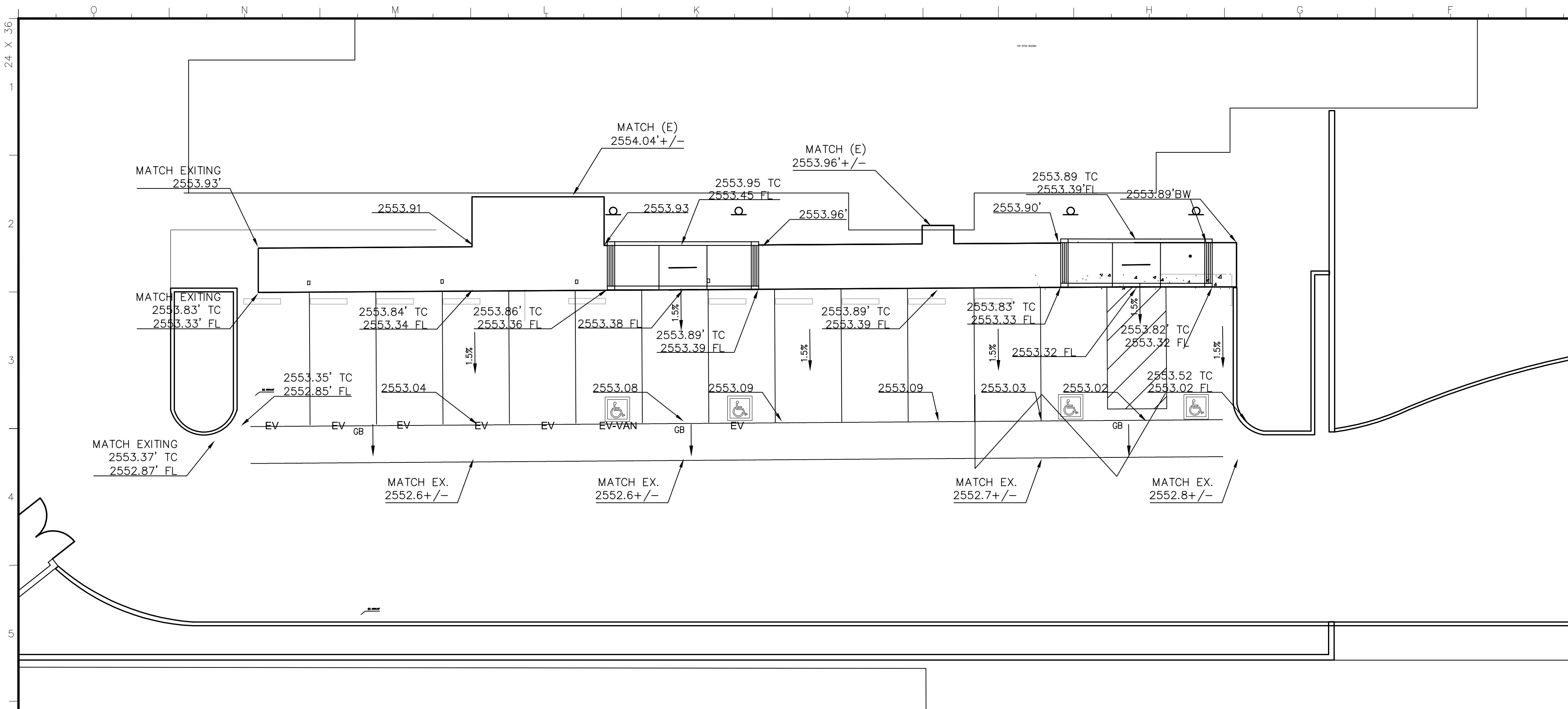
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No.	Date	Description
1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
195 HIGHLAND SPRINGS AVENUE
BEAUMONT, RIVERSIDE COUNTY
CA, 92223
CALIFORNIA HIGHWAY PATROL
Supervisor J. DIGIORGIO Designed J. FEENEY Drawn J. FEENEY
DSA App No. 04-120015 SFM Permit No. 21-S-0771-C-PI

Sheet Title
ACCESSIBLE PARKING SITE IMPROVEMENT PLANS
Project Number
000000000005953
Reference North Sheet Scale
1" = 10'-0"
Sheet Number
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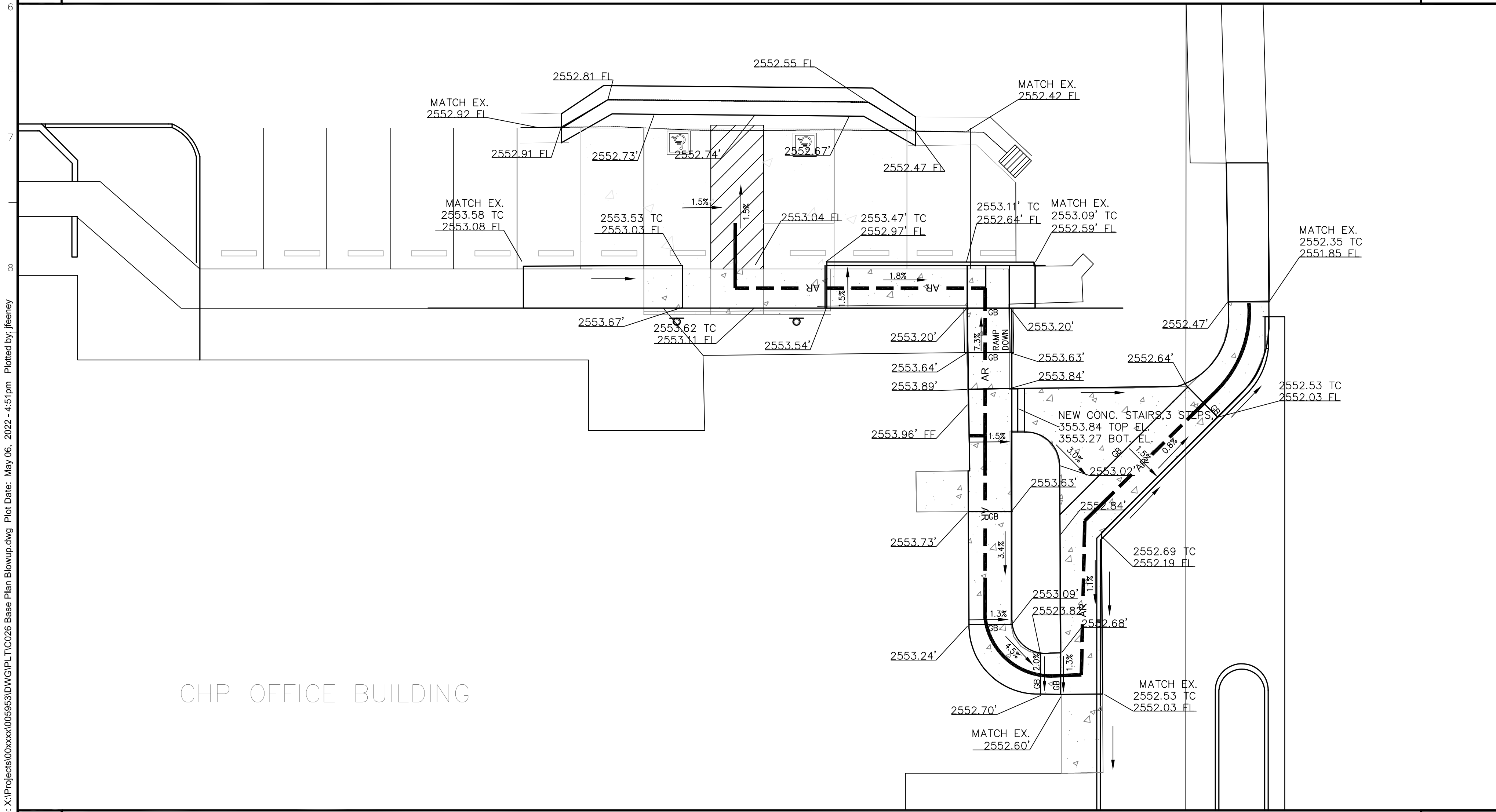
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BOT BOTTOM
 EL ELEVATION
 EX or (E) EXISTING GRADE
 FF FINISH FLOOR
 FL FLOW LINE
 GB GRADE BREAK
 TC TOP OF CURB

3 CHP EMPLOYEE PARKING ADA UPGRADE PLAN

1" = 10'



2 PUBLIC PARKING ADA UPGRADE PLAN

1" = 10'

1 LEGEND

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120015 INC:
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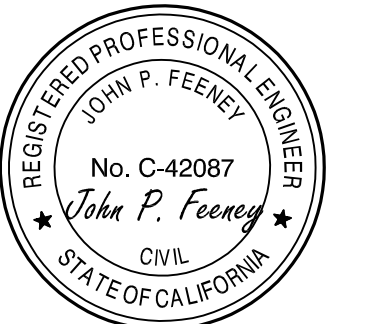
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5-20-2022

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1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVENUE
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CALIFORNIA HIGHWAY PATROL

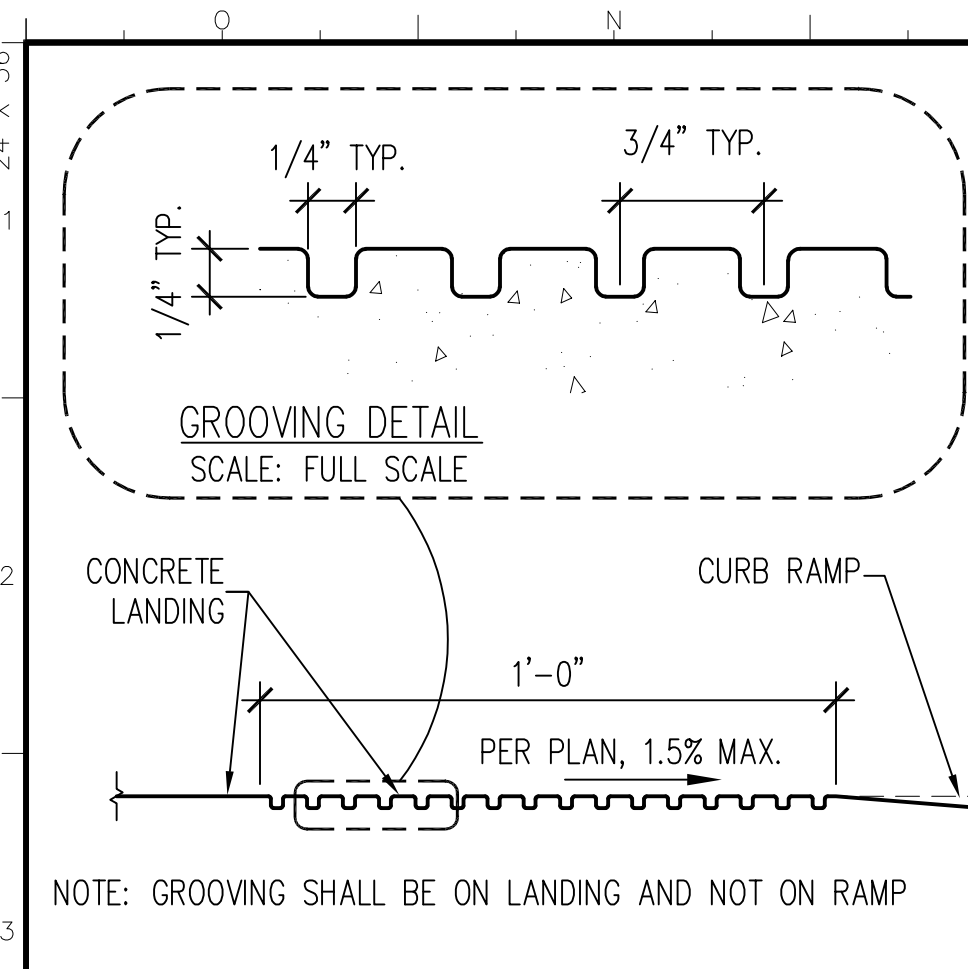
Supervisor J. DIGIORGIO	Designed J. FEENEY	Drawn D. DRAFTER
DSA App No. 04-120015	SFM Permit No. 21-S-0771-C-PI	

Sheet Title
ACCESSIBLE PARKING GRADING PLANS

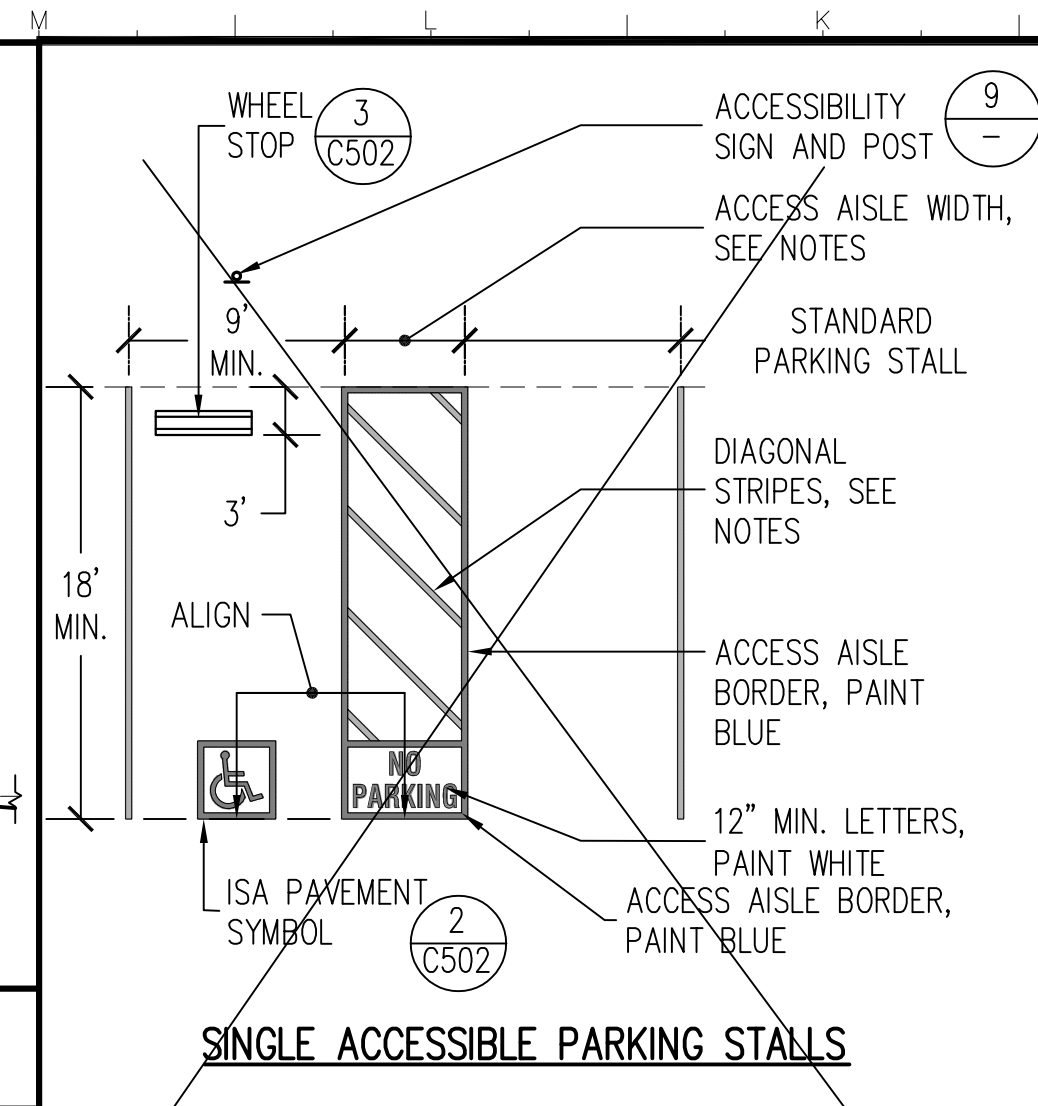
Project Number
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Reference North 	Sheet Scale 1" = 10'-0"
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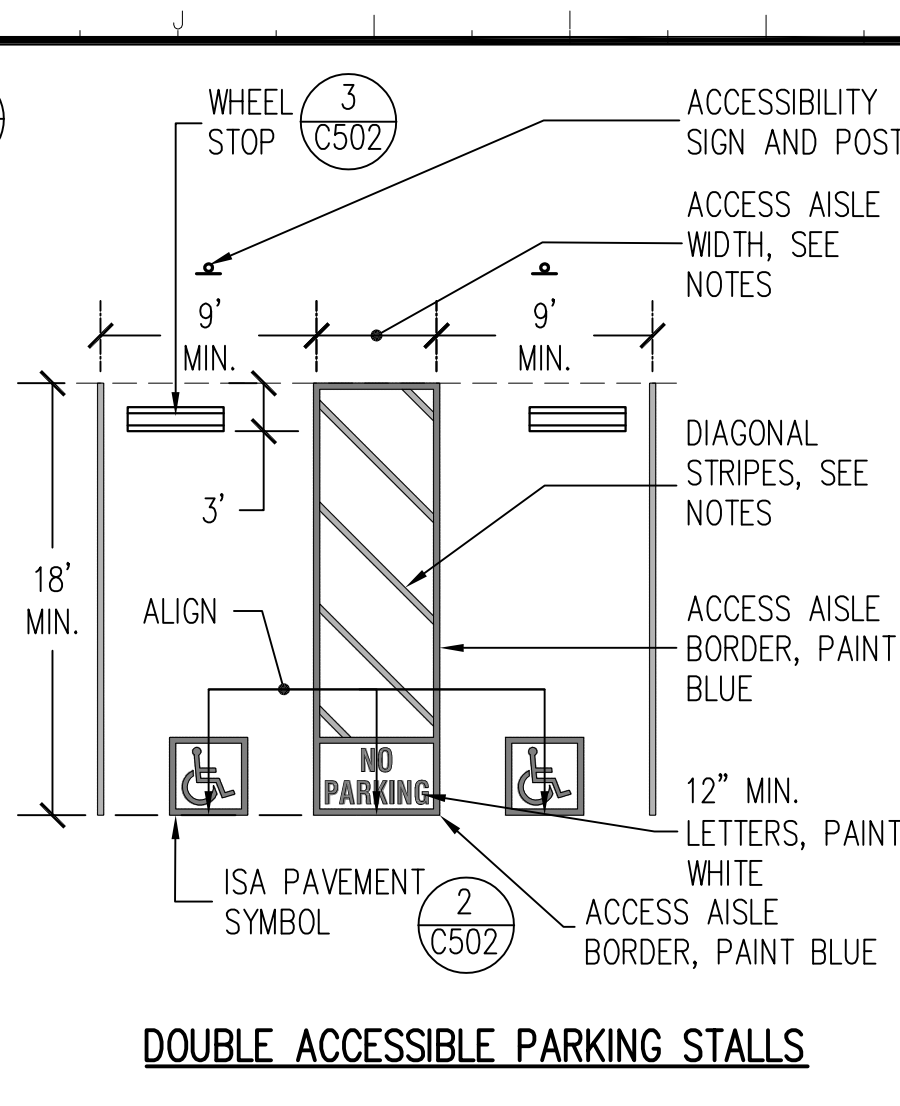
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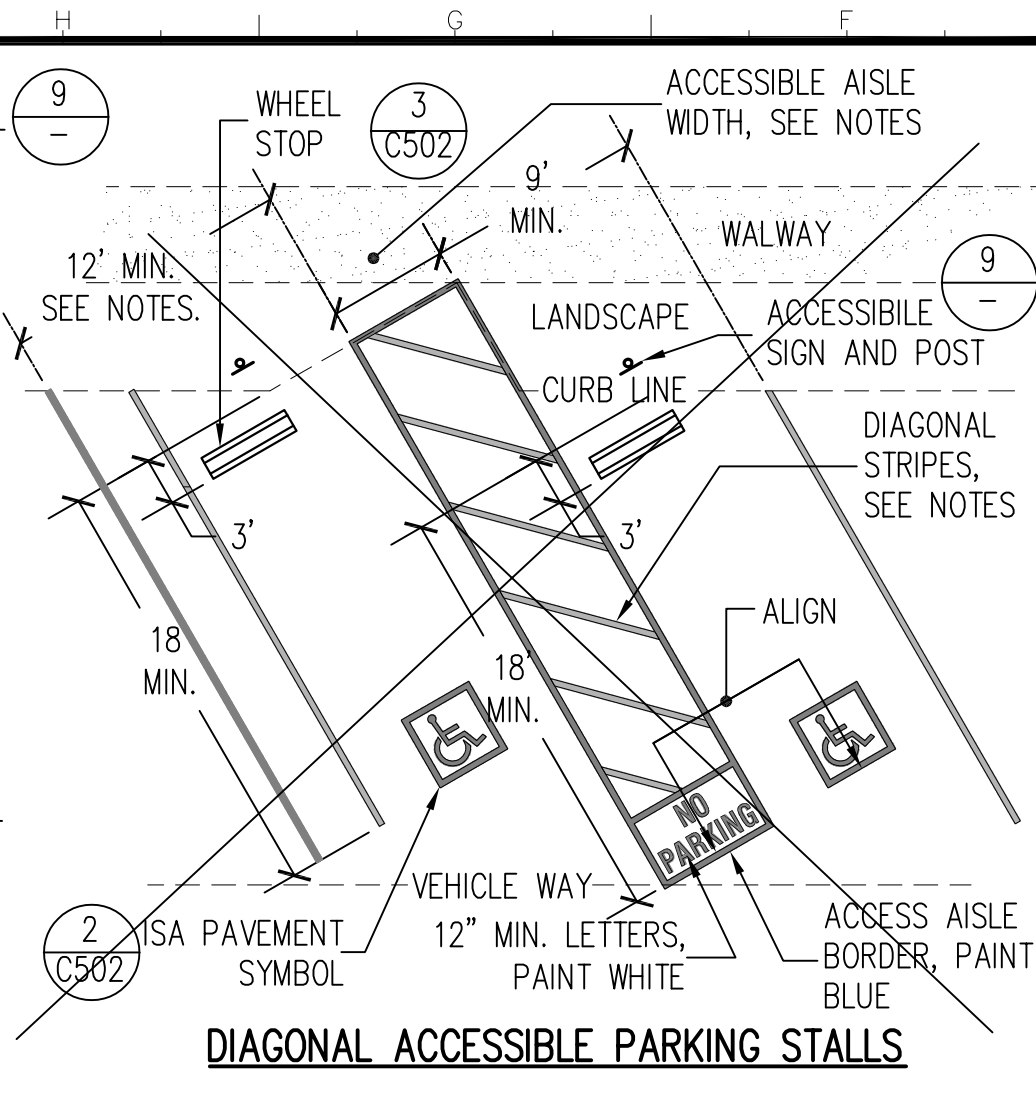
7 GROOVED BORDER 3" = 1'-0"



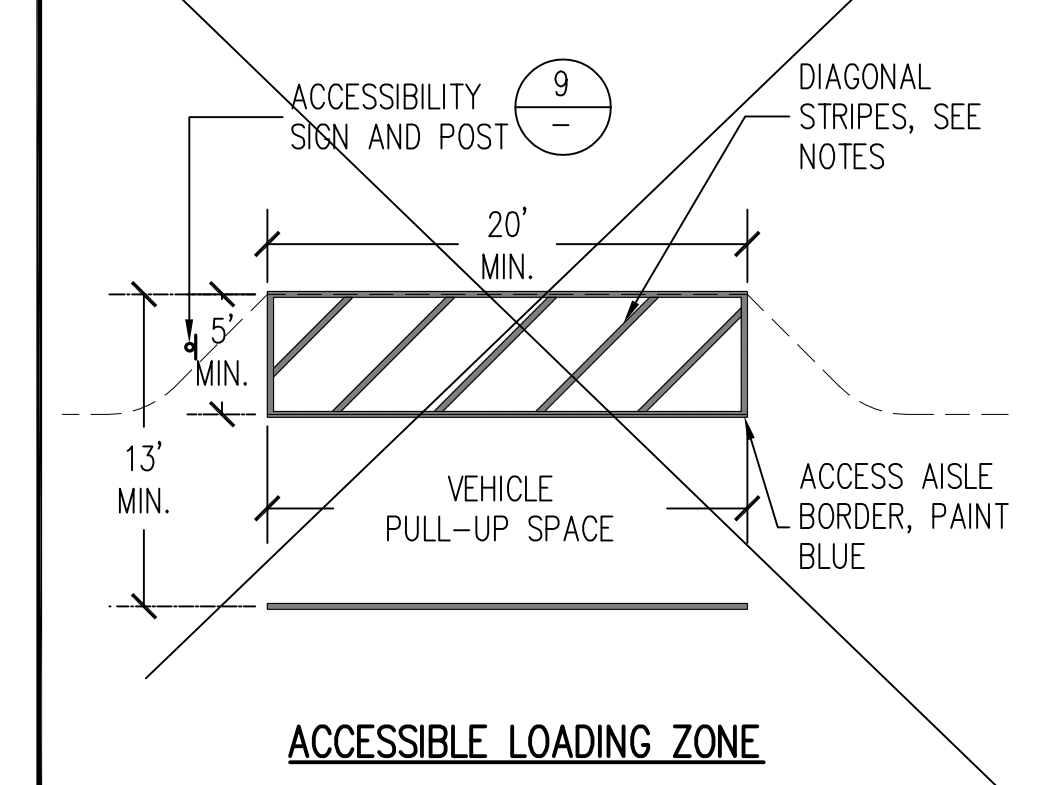
SINGLE ACCESSIBLE PARKING STALLS



DOUBLE ACCESSIBLE PARKING STALLS



DIAGONAL ACCESSIBLE PARKING STALLS



ACCESSIBLE LOADING ZONE

NOTES:

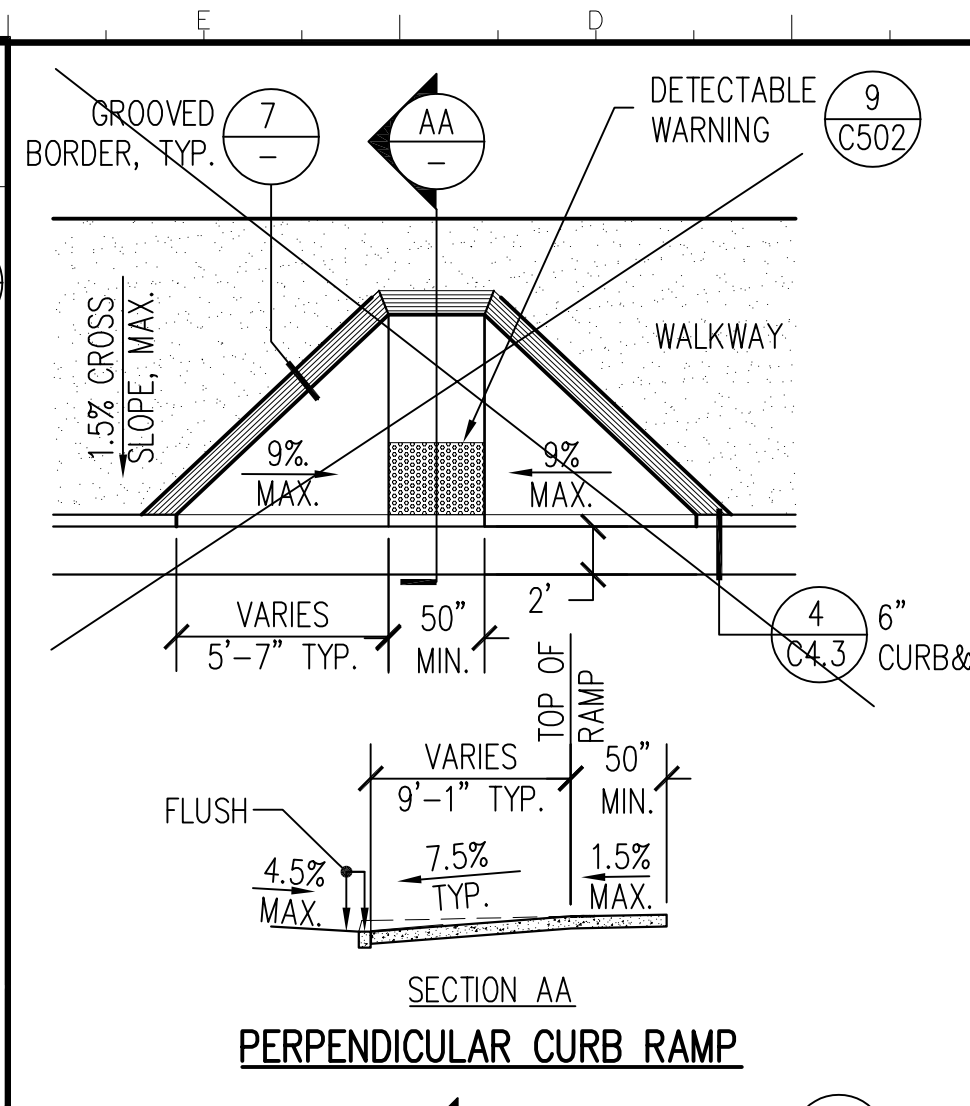
1. THESE DETAILS SHOW COMPLIANCE WITH CBC FOR STALL CONFIGURATION. CONTRACTOR SHALL FOLLOW GRADES AND DIMENSIONS SHOWN ON PLANS. CONTRACTOR SHALL CONFIRM THAT THESE DETAILED MINIMUMS AND MAXIMUMS HAVE NOT BEEN EXCEEDED.
2. PARKING AND ACCESS AISLE SLOPE SHALL BE 1.5% MAX. IN ANY DIRECTION UNLESS NOTED DIFFERENTLY ON THESE PLANS.
3. ALL STRIPING 4" WIDE, UNLESS OTHERWISE NOTED.
4. DIMENSIONS ARE TO CENTERLINE OF STRIPE, UNLESS OTHERWISE NOTED.
5. ACCESSIBLE AISLE WIDTH
 - 8'-0" MINIMUM FOR VAN ACCESS, 5'-0" ACCEPTABLE WITH 12'-0" MIN. STALL WIDTH
 - 5'-0" MINIMUM FOR CAR
5. DIAGONAL STRIPES, 3'-0" MAXIMUM ON CENTER, PAINT WITH CONTRASTING COLOR AGAINST PARKING SURFACE
 - BLUE ON CONCRETE
 - WHITE ON ASPHALT
6. SEE PLAN FOR CURB RAMP LOCATION AND CONFIGURATION.

ACCESSIBLE PARKING COUNT

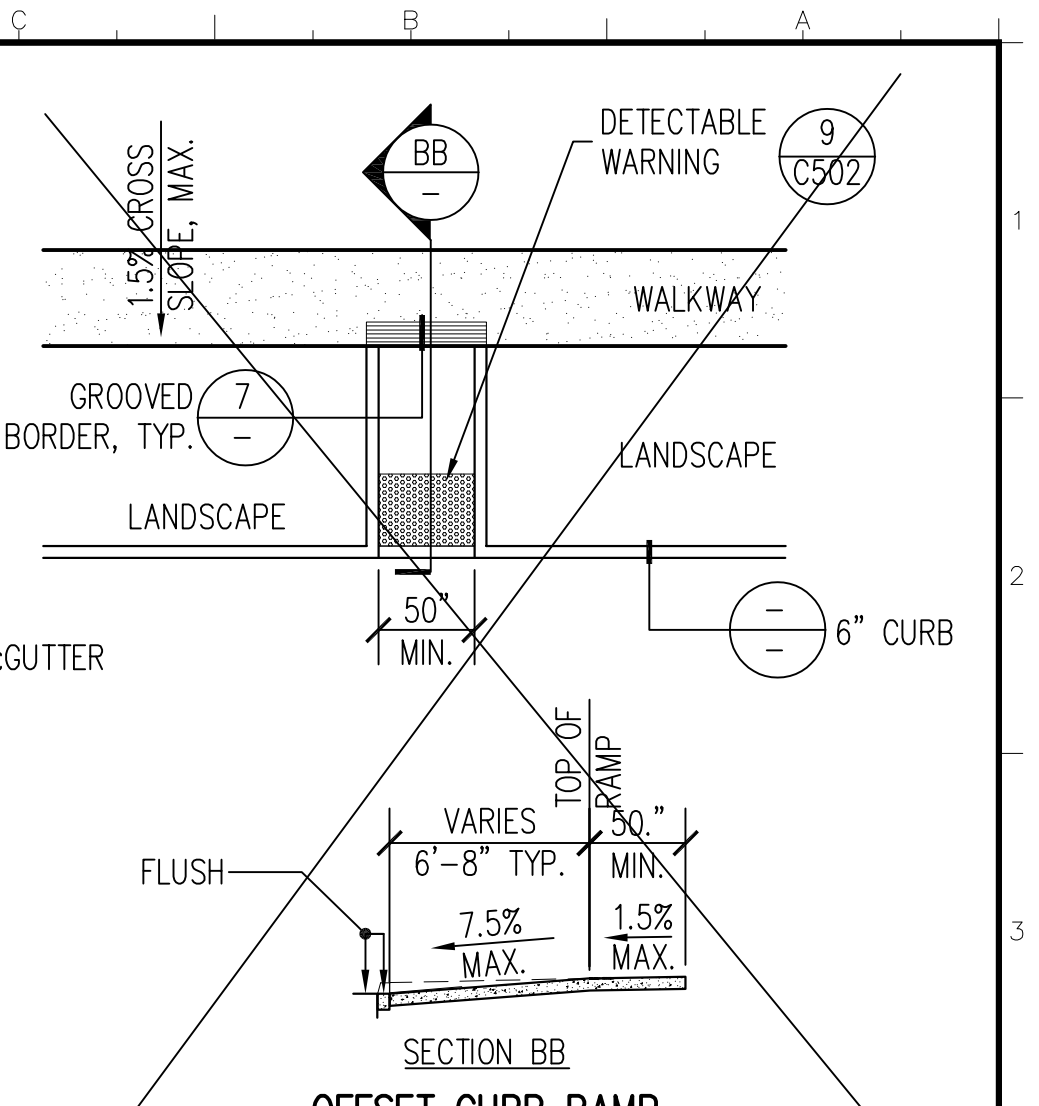
TOTAL PARKING IN LOT	MINIMUM ACCESSIBLE PARKING	MINIMUM VAN ACCESSIBLE	INCLUDED IN PROJECT (PARKING/VAN)
1-25	1 SPACE(S)	1 SPACE(S)	(1 / 1)
26-50	2	1	
51-75	3	1	
76-100	4	1	
101-150	5	1	
151-200	6	1	
201-300	7	2	
301-400	8	2	
401-500	9	2	
501-1,000	**	1 IN 6 SPACES	
1,001 AND OVER **	**	1 IN 6 SPACES	

*TWO PERCENT OF TOTAL.
**TWENTY PLUS ONE FOR EACH 100, OR FRACTION OVER 1,000.

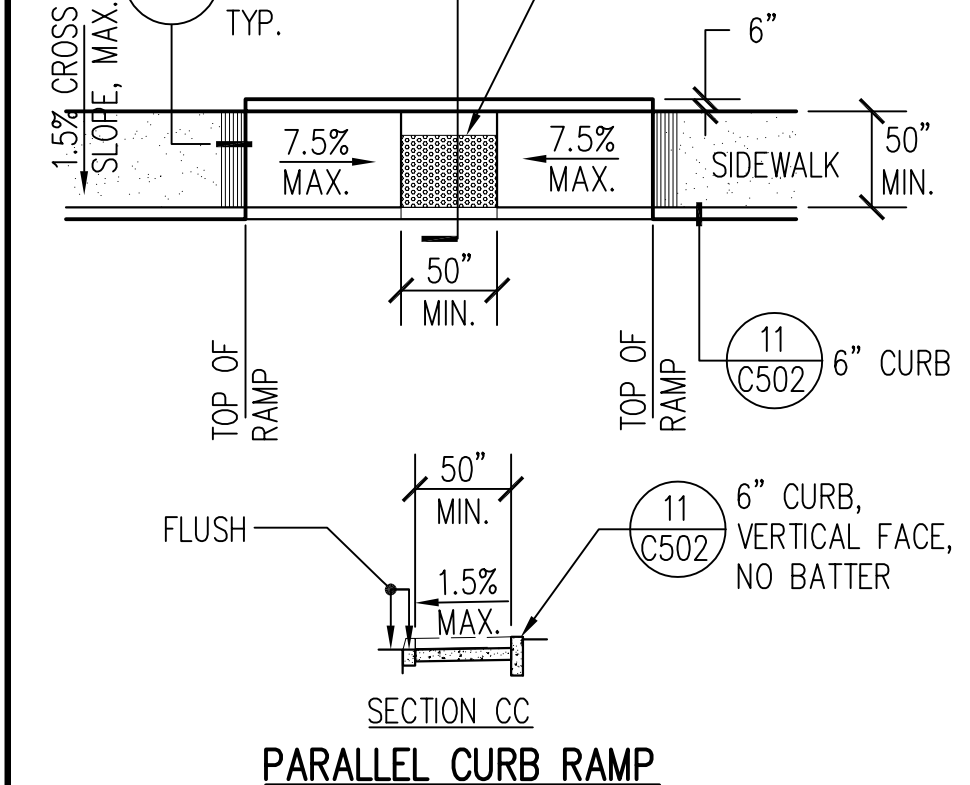
REF. CBC 11B-208 & 501



PERPENDICULAR CURB RAMP



OFFSET CURB RAMP



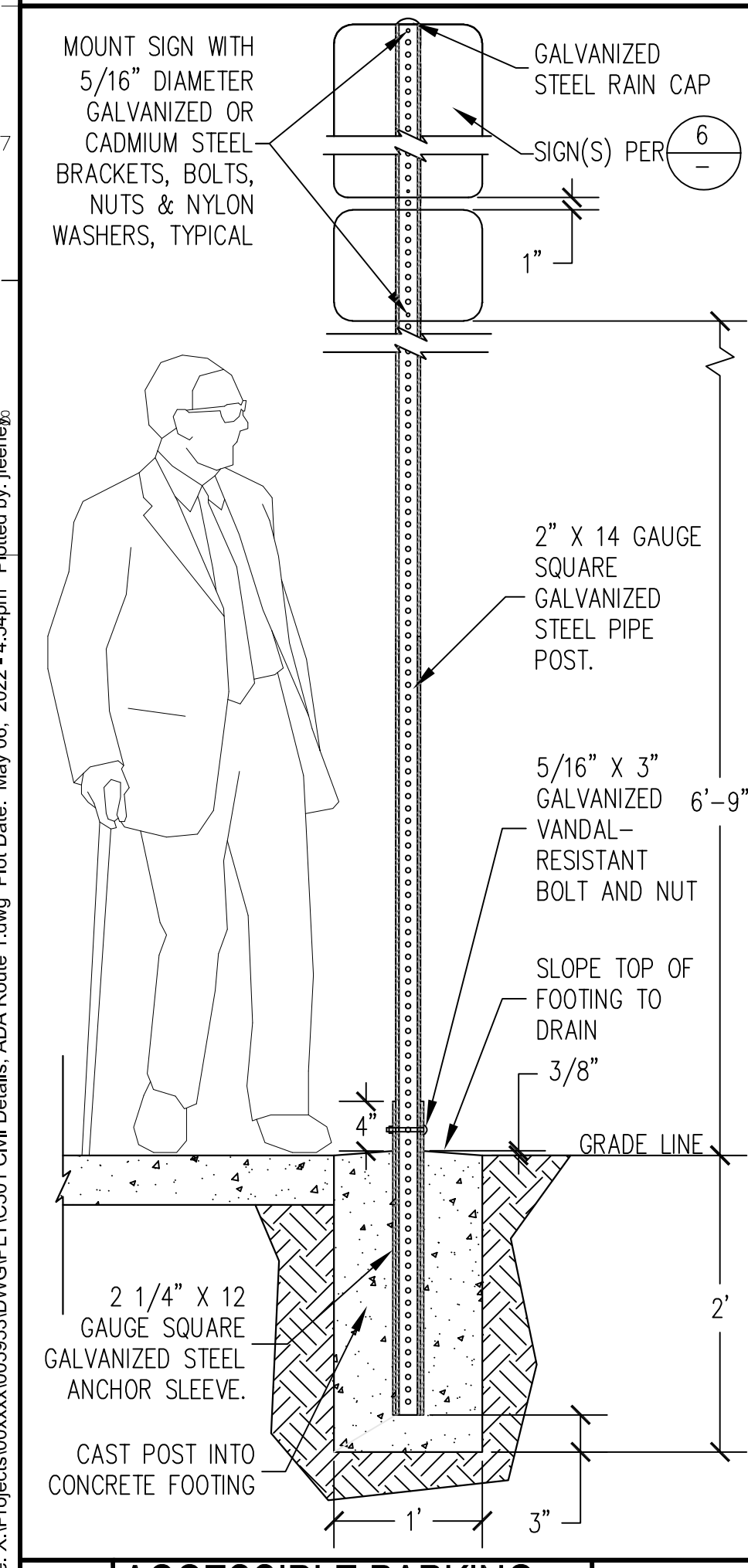
PARALLEL CURB RAMP

NOTES:

1. CONTRACTOR SHALL CONSTRUCT CURB RAMPS AS SHOWN IN THESE PLANS AND COMPLY WITH THESE DETAIL MINIMUMS AND MAXIMUMS.
2. RAMP LENGTHS MAY VARY TO MEET THE GRADING AND SLOPES AS REQUIRED IN THESE PLANS.
3. IF CURB RAMPS HAVE ADJOINING GUTTER PANS THE SLOPE SHALL NOT EXCEED 4.5% IN THE DIRECTION OF TRAVEL AND THE FLOWLINE SHALL SLOPE TO DRAIN AND NOT EXCEED 1.5% MAXIMUM CROSS SLOPE.
4. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH OF WALK AND 3'-0" MIN. DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THESE PLANS. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE ROADWAY SHALL NOT BE WITHIN THE CURB LINE.

4 ACCESSIBLE PARKING TYPICAL LAYOUTS 1/8" = 1'-0"

1 ACCESSIBLE CURB RAMP TYPICAL LAYOUTS 1/8" = 1'-0"

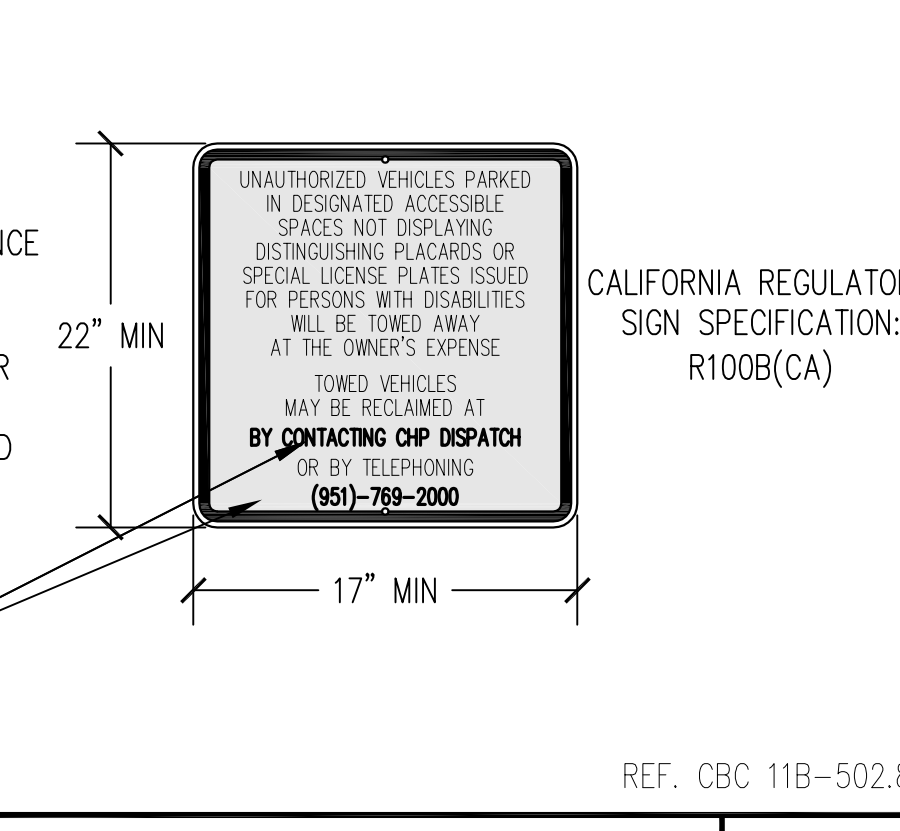


9 ACCESSIBLE PARKING SIGN POST DETAIL 1" = 1'-0"

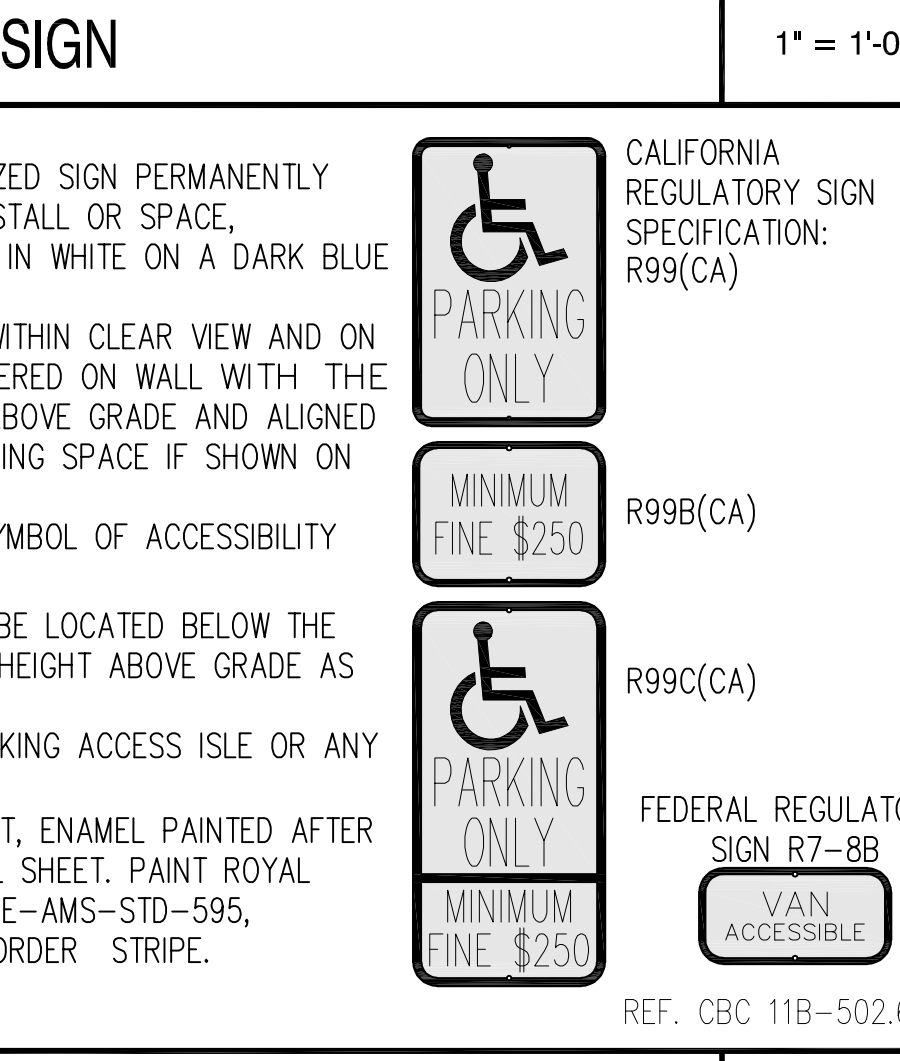
NOTE:

1. SIGN SHALL NOT BE LESS THAN 17" BY 22" IN SIZE AND HAVE A MINIMUM OF 1" HIGH LETTERING.
2. SIGN SHALL BE INSTALLED ON A POST OR WALL AT A 42 INCHES ABOVE GRADE AS SHOWN ON PLANS.
3. SIGN SHALL NOT BE PLACED IN A PEDESTRIAN WAY.
4. POSTED SIGN IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING AS SHOWN ON PLANS.
5. REFLECTORIZED SIGN PANEL - 0.08" MINIMUM ALUMINUM SHEET, ENAMEL PAINTED AFTER SMOOTHING ALL EDGES OR PORCELAIN COATED 18 GAGE STEEL SHEET. PAINT ROYAL BLUE, COLOR NO. 15090 IN SAE INTERNATIONAL STANDARD SAE-AMS-STD-595C, BACKGROUND WITH WHITE SYMBOL, LETTERS, NUMBERS AND BORDER STRIPE.

APPROPRIATE INFORMATION SHALL BE PERMANENTLY INSTALLED ON SIGN. COORDINATE WITH THE STATE FOR CURRENT INFORMATION. LETTERS AND NUMERALS SHALL BE 1" HIGH MINIMUM



5 ACCESSIBLE PARKING TOW-AWAY SIGN 1" = 1'-0"

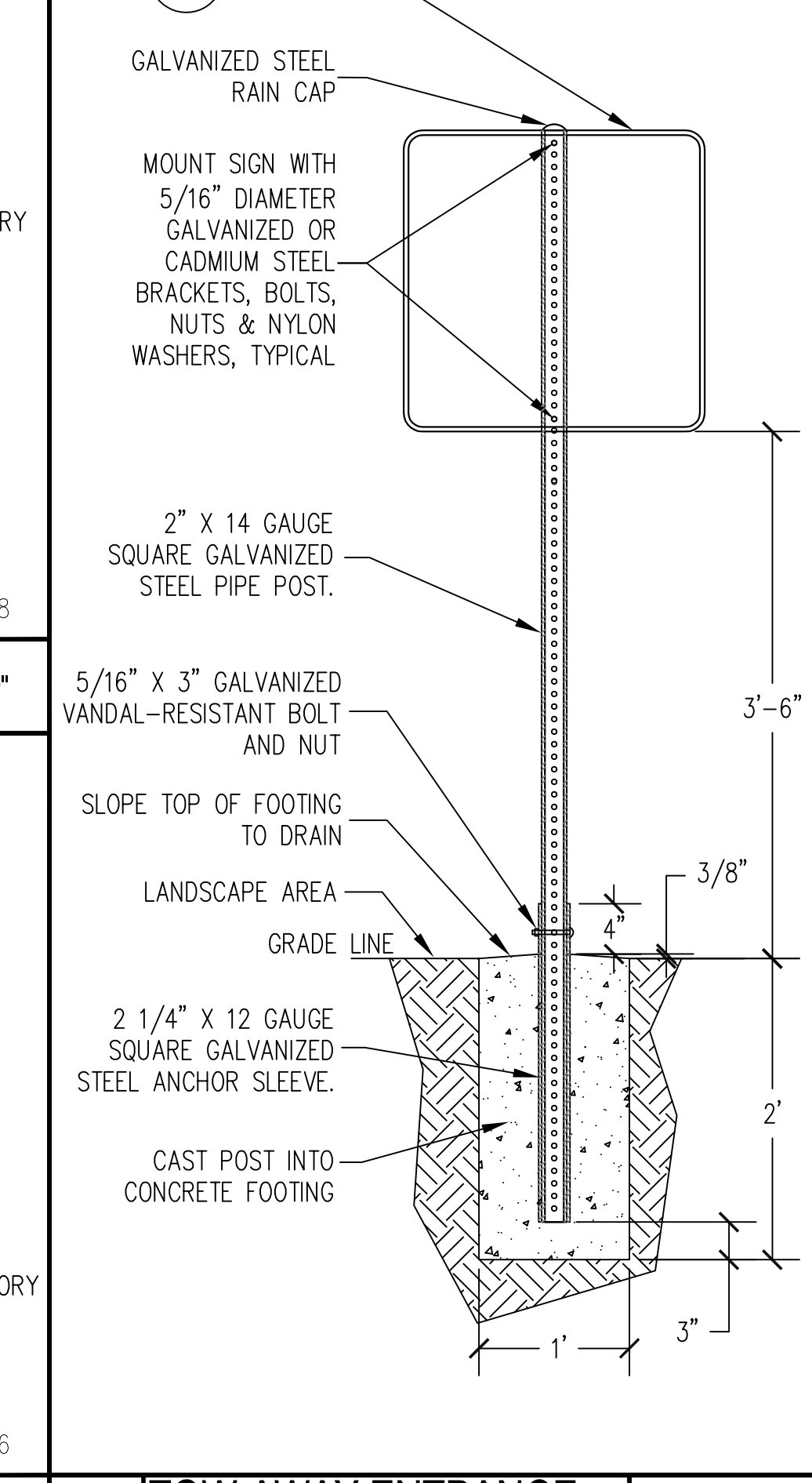


3 TOW-AWAY ENTRANCE SIGN POST DETAIL 1" = 1'-0"

NOTE:

1. EACH PARKING SPACE SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON A DARK BLUE BACKGROUND.
2. PLACE SIGN IN FRONT OF EACH ACCESSIBLE PARKING STALL WITHIN CLEAR VIEW AND ON A POST, AS SHOWN ON PLANS. SIGNS MAY BE LOCATED CENTERED ON WALL WITH THE BOTTOM OF SIGN AT A MINIMUM HEIGHT OF 60 INCHES ABOVE GRADE AND ALIGNED WITH THE PARKING STALL AT THE INTERIOR END OF THE PARKING SPACE IF SHOWN ON PLANS.
3. AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE BELOW THE SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE \$250."
4. AN ADDITIONAL "VAN ACCESSIBLE" SIGN, IF REQUIRED, SHALL BE LOCATED BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. MAINTAIN MINIMUM HEIGHT ABOVE GRADE AS INDICATED IN NOTE 2.
5. LOCATION OF SIGN SHALL NOT OBSTRUCT PASSAGE FROM PARKING ACCESS ISLE OR ANY WALKWAYS.
6. REFLECTORIZED SIGN PANEL - 0.08" MINIMUM ALUMINUM SHEET, ENAMEL PAINTED AFTER SMOOTHING ALL EDGES OR PORCELAIN COATED 18 GAGE STEEL SHEET. PAINT ROYAL BLUE, COLOR NO. 15090 IN SAE INTERNATIONAL STANDARD SAE-AMS-STD-595C, BACKGROUND WITH WHITE SYMBOL, LETTERS, NUMBERS AND BORDER STRIPE.

6 ACCESSIBLE PARKING SPACE SIGNS 1" = 1'-0"



2 GENERAL ACCESSIBILITY NOTES

ACCESSIBILITY NOTES:

1. COMPLY WITH THE REQUIREMENTS OF THESE PLANS AND CBC 2019 EDITION. THESE PLANS ARE DESIGNED AND DETAILED TO MEET OR EXCEED CBC REQUIREMENTS. COMPLETED WORK THAT DOES NOT COMPLY WITH THESE PLANS AND CBC SHALL BE RECONSTRUCTED TO THE STATES SATISFACTION. CONTRACTOR SHALL HAVE FOREMAN AND LABORERS EXPERIENCED IN FINISHED SURFACES, AS REQUIRED IN THESE PLANS, COMPLYING WITH CBC ACCESSIBLE ROUTES. ALL WORK SHALL BE CHECKED WITH A CALIBRATED DIGITAL LEVEL SET TO PERCENT (%) GRADE HAVING AN ACCURACY OF 0.1% (+/-).
2. COMPLY WITH GRADING PLAN SURFACE ELEVATIONS AND SLOPES. CROSS SLOPE ON WALKWAYS SHALL BE 1.5% MAX. UNLESS SHOWN DIFFERENTLY ON THESE PLANS. RIDGES AND VALLEYS IN FINISH WORK CAUSING SLOPES TO BE OUT OF COMPLIANCE WITH THESE PLANS OR CBC SHALL BE GROUNDS FOR REJECTION AND SHALL BE REMOVED TO EDGE OF WALK OR NEAREST JOINT. GRINDING OR GROUT FILLING SHALL NOT BE APPROVED METHODS TO CORRECT WORK.
3. NO CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ALLOWED WITHOUT A RAMP AS DEFINED IN CBC 11B-405 OR 11B-406. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. UPON STATES APPROVAL, SEE SURFACE LEVEL CHANGES DETAIL 5/C502.
4. ACCESSIBLE ROUTE AS INDICATED ON THESE PLANS IS A BARRIER FREE ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. ACCESSIBLE ROUTE IS A MINIMUM OF 50" WIDE SLIP RESISTANT SURFACE WITH 4.5% MAX. RUNNING SLOPE AND 1.5% MAX. CROSS SLOPE, TYPICAL UNLESS SHOWN DIFFERENTLY ON THESE PLANS. AN ACCESSIBLE ROUTE EXCEEDING 4.5% RUNNING SLOPE SHALL BE REVIEWED BY THE STATE FOR APPROVAL. SLOPE EXCEEDING 5% SHALL COMPLY WITH A RAMP AS DEFINED IN CBC 11B-405 EXCEPT FOR SIDEWALK ADJACENT TO STREETS. THERE SHALL BE NO DROP-OFF GREATER THAN 4" AT THE EDGE OF WALK OR LANDINGS ALLOWED UNLESS ADJACENT TO A STREET OR DRIVEWAY. CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED ACCESSIBLE ROUTE HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT.
5. ACCESSIBLE ROUTE COMPLIANCE VERIFICATION. THE CONTRACTOR SHALL CONDUCT A TOPOGRAPHIC SURVEY BY A CALIFORNIA LICENSED SURVEYOR AND A LEVELNESS CHECK BY A CERTIFIED ACCESS SPECIALIST DOCUMENTING THE SLOPES ALONG THE ACCESSIBLE ROUTE TO VERIFY COMPLIANCE WITH SLOPES INDICATED ON THE PLANS AND PROVIDE AN AS-BUILT DRAWING SHOWING THE CONSTRUCTED SLOPES. IF DURING AN INSPECTION OR ENGINEERING REVIEW, THERE ARE SLOPES THAT ARE FOUND NOT COMPLIANT WITH THESE PLANS OR CBC, THE CONTRACTOR SHALL CORRECT AREAS AS STATED ABOVE. FOR ADDITIONAL INFORMATION SEE SPECIFICATION SECTION 32 13 15, CONCRETE PAVING FOR ACCESSIBLE ROUTES.
6. LEVEL LANDINGS AND PARKING STALLS (INCLUDING ACCESS ISLES) AS INDICATED ON THESE PLANS ARE PART OF THE ACCESSIBLE ROUTE AND SHALL NOT EXCEED 1.5% SLOPE IN ANY DIRECTION UNLESS NOTED DIFFERENTLY IN THESE PLANS.
7. PARKING SPACES, ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF 98" MIN.

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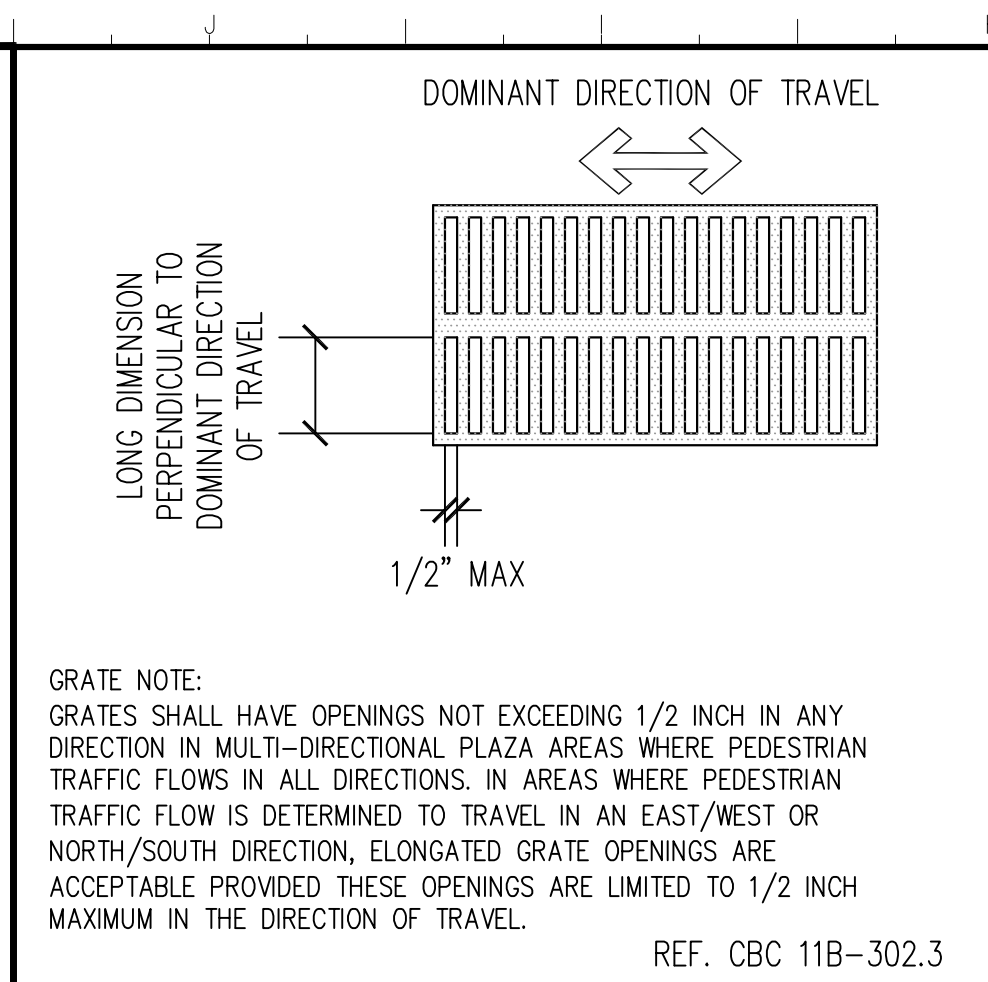
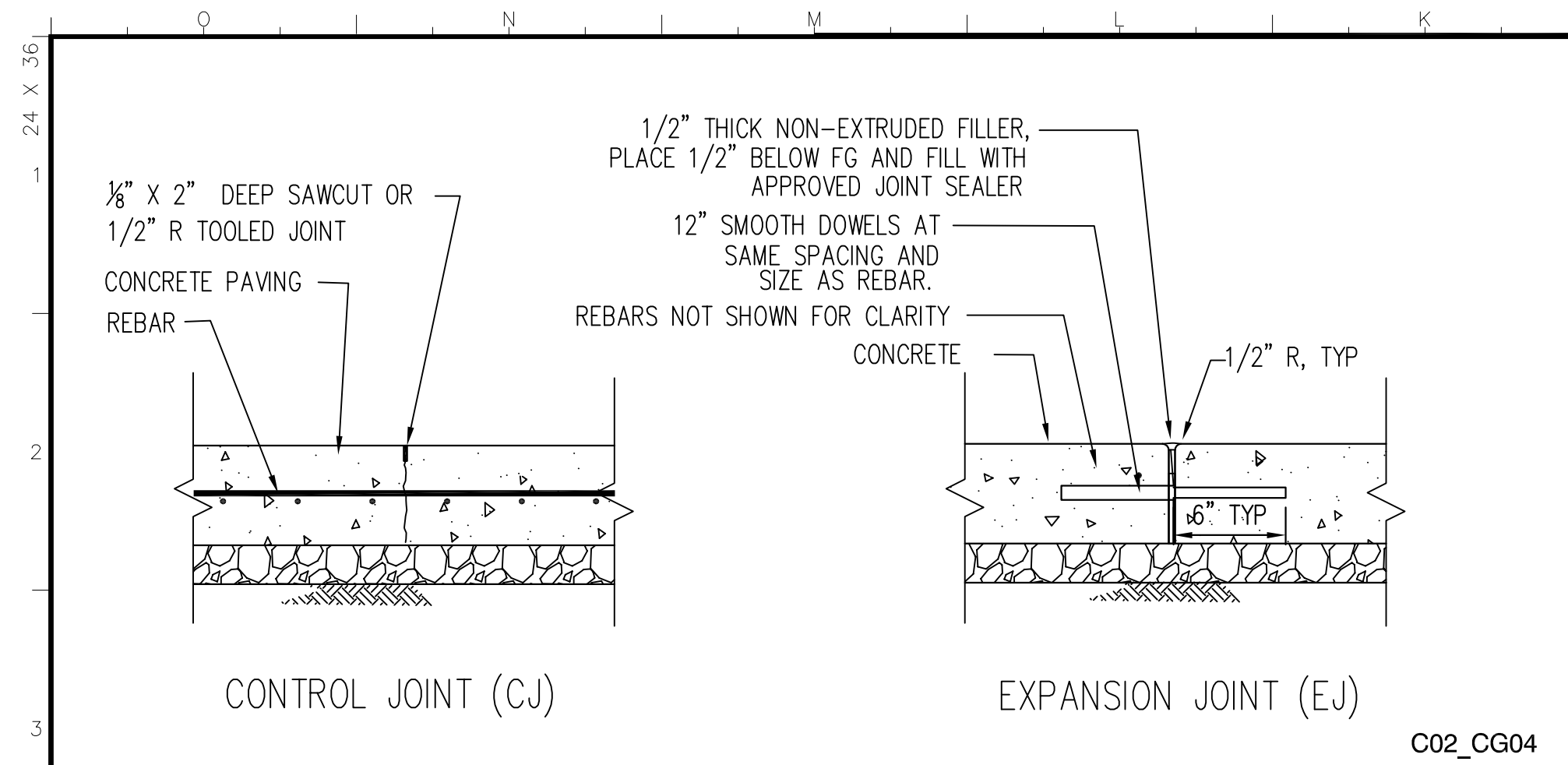
Supervisor	Designed	Drawn
J. DIGIORGIO	J. FEENEY	J. FEENEY

DSA App No. 04-120015 SFM Permit No. 21-S-0771-C-PI

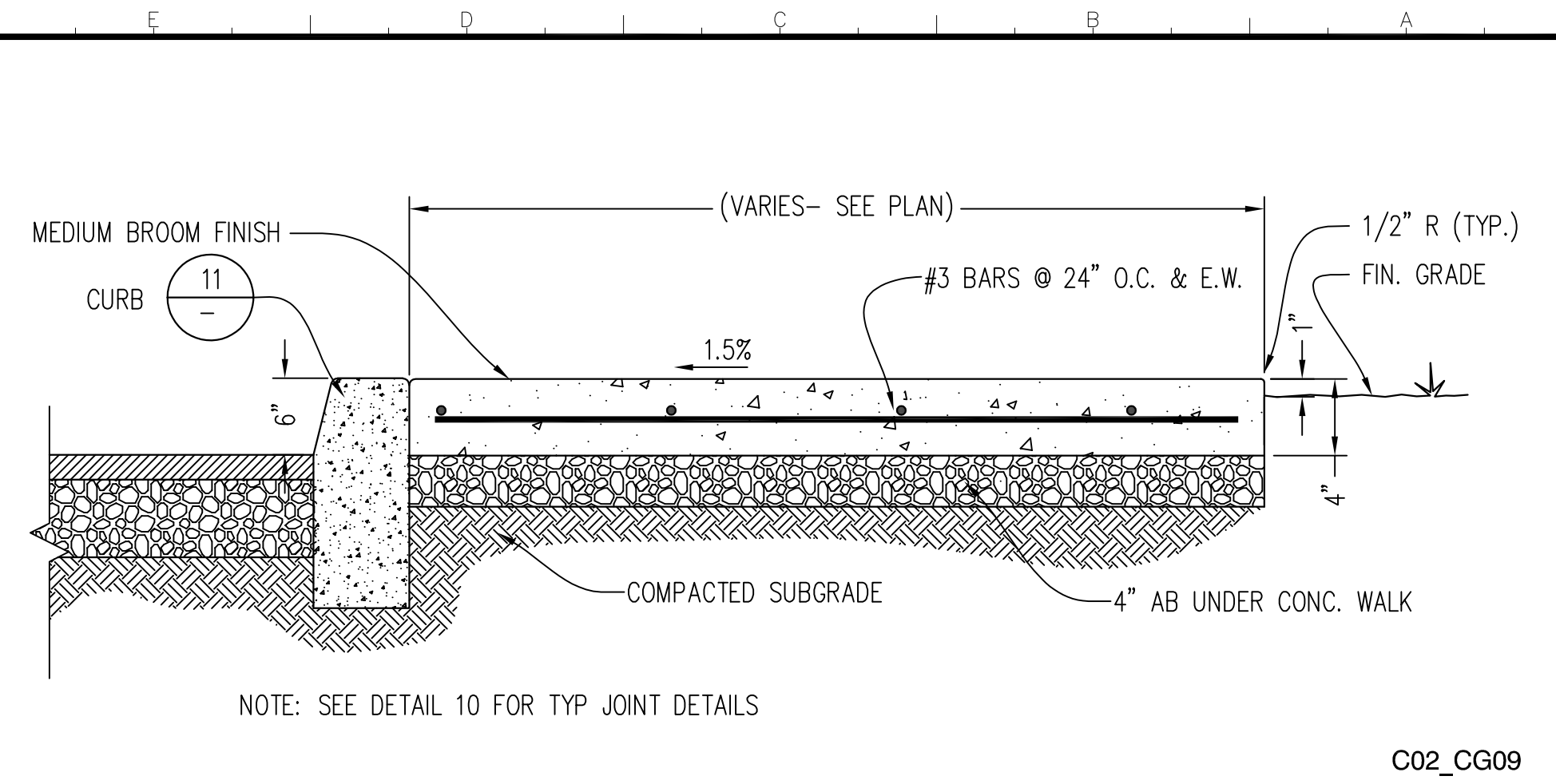
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Project Number
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Reference North	Sheet Scale
	AS NOTED
	Sheet Number
	C501



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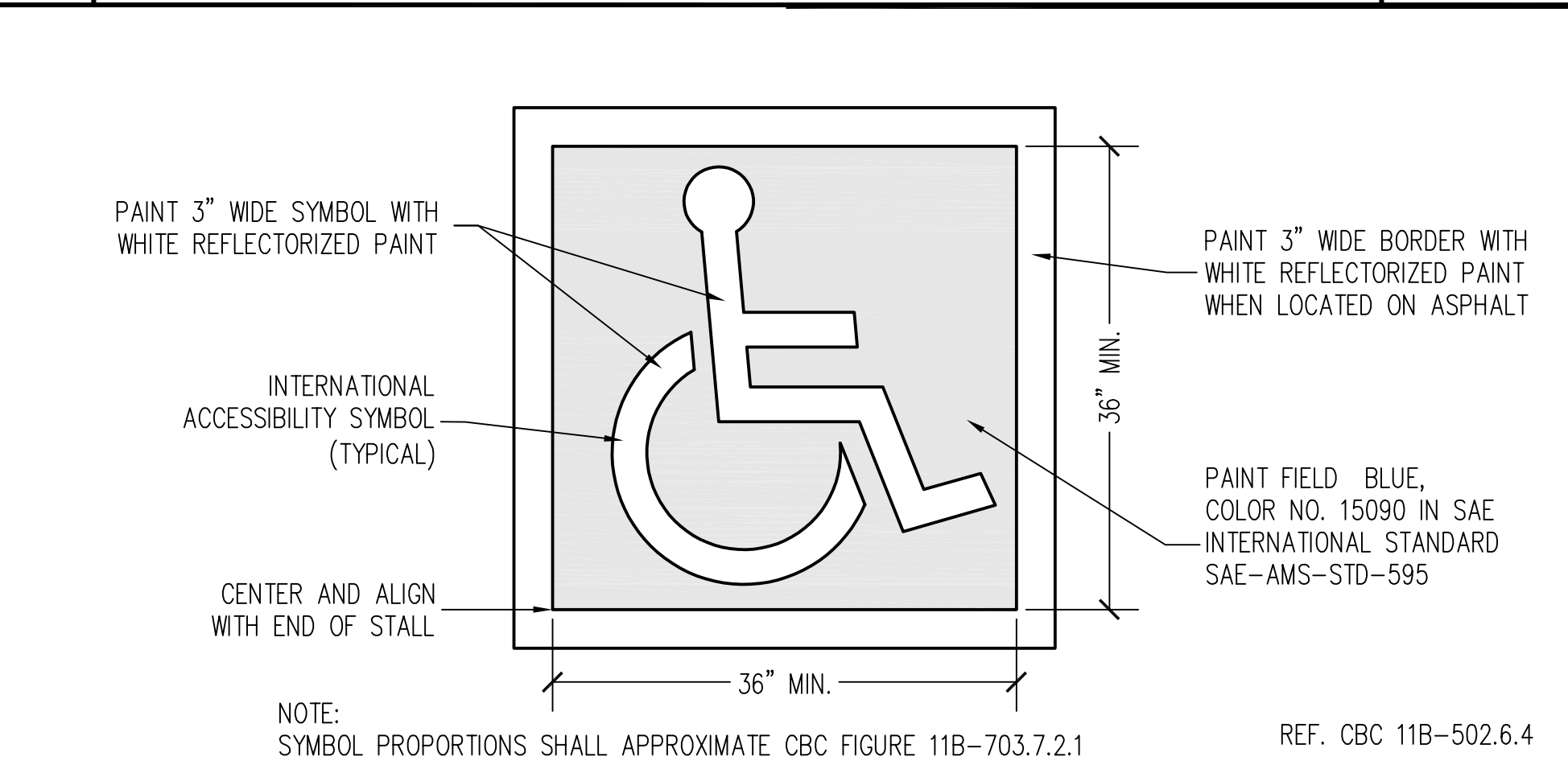
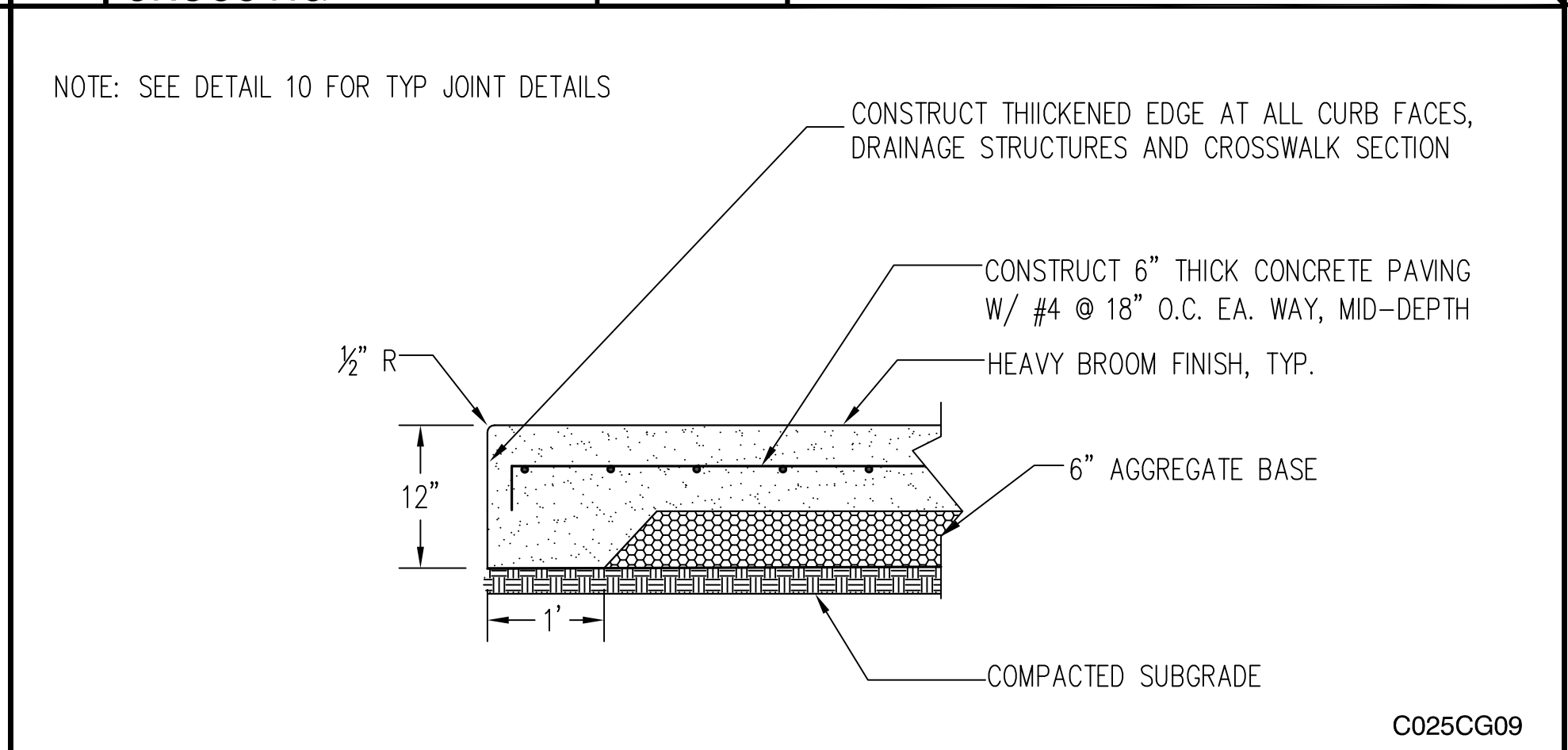
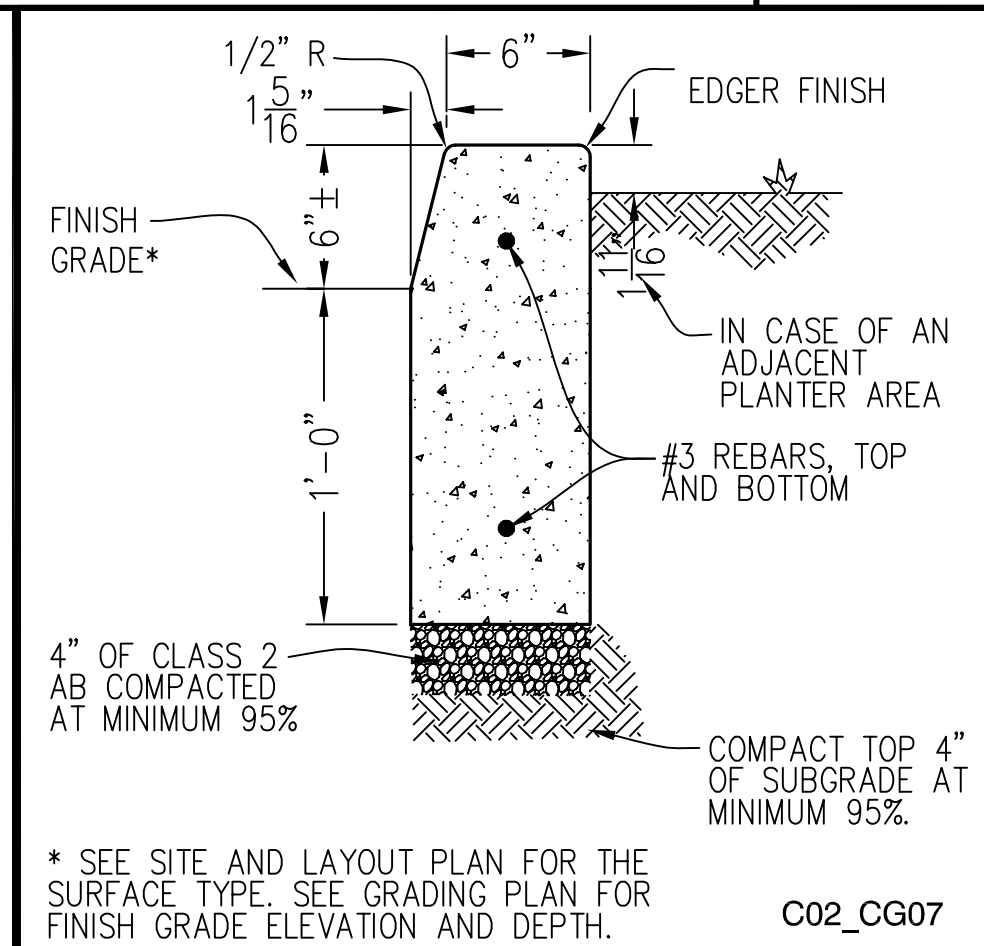
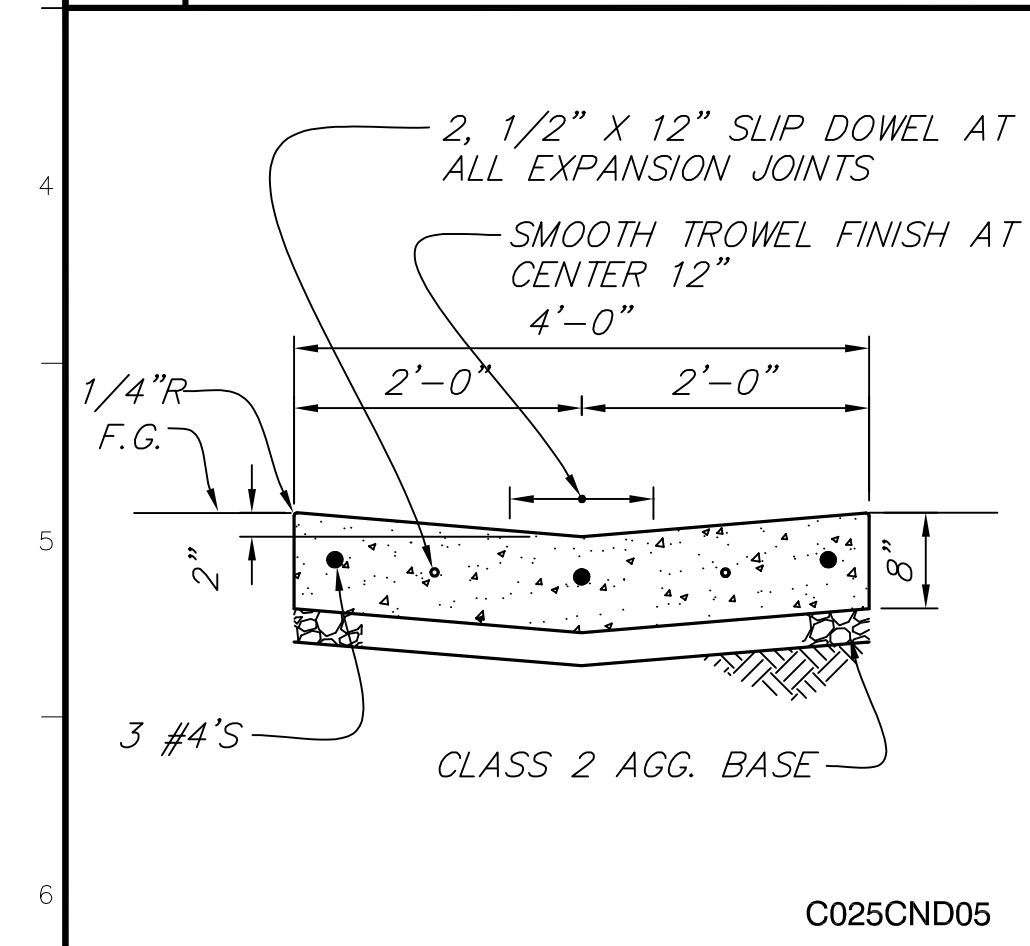


10 TYPICAL CONCRETE PAVING JOINTS N.T.S.

7 ACCESSIBLE GRATE CROSSING 1/8" = 1"

6

1 CONCRETE SIDEWALK AND CURB 1" = 1'-0"

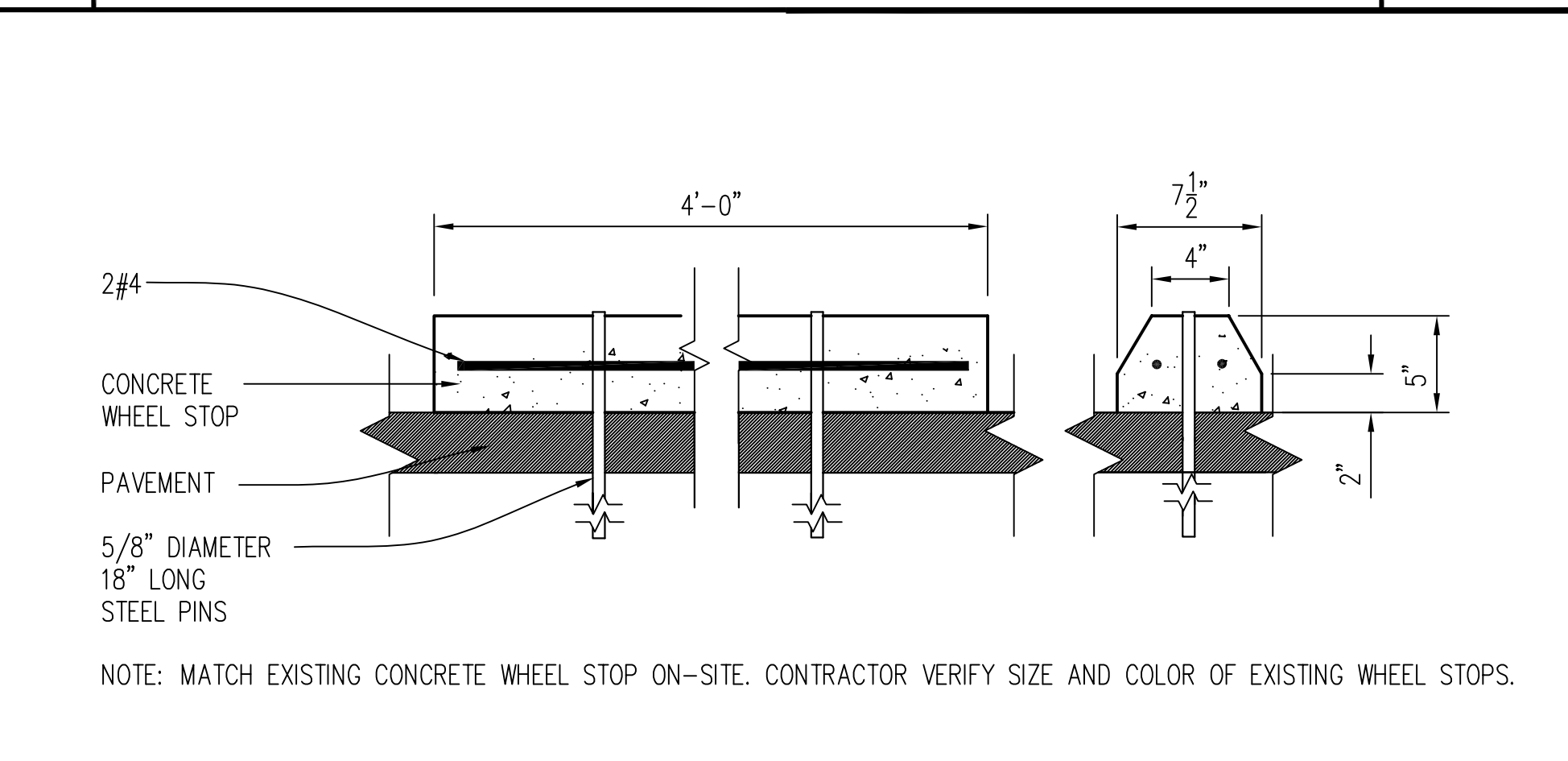
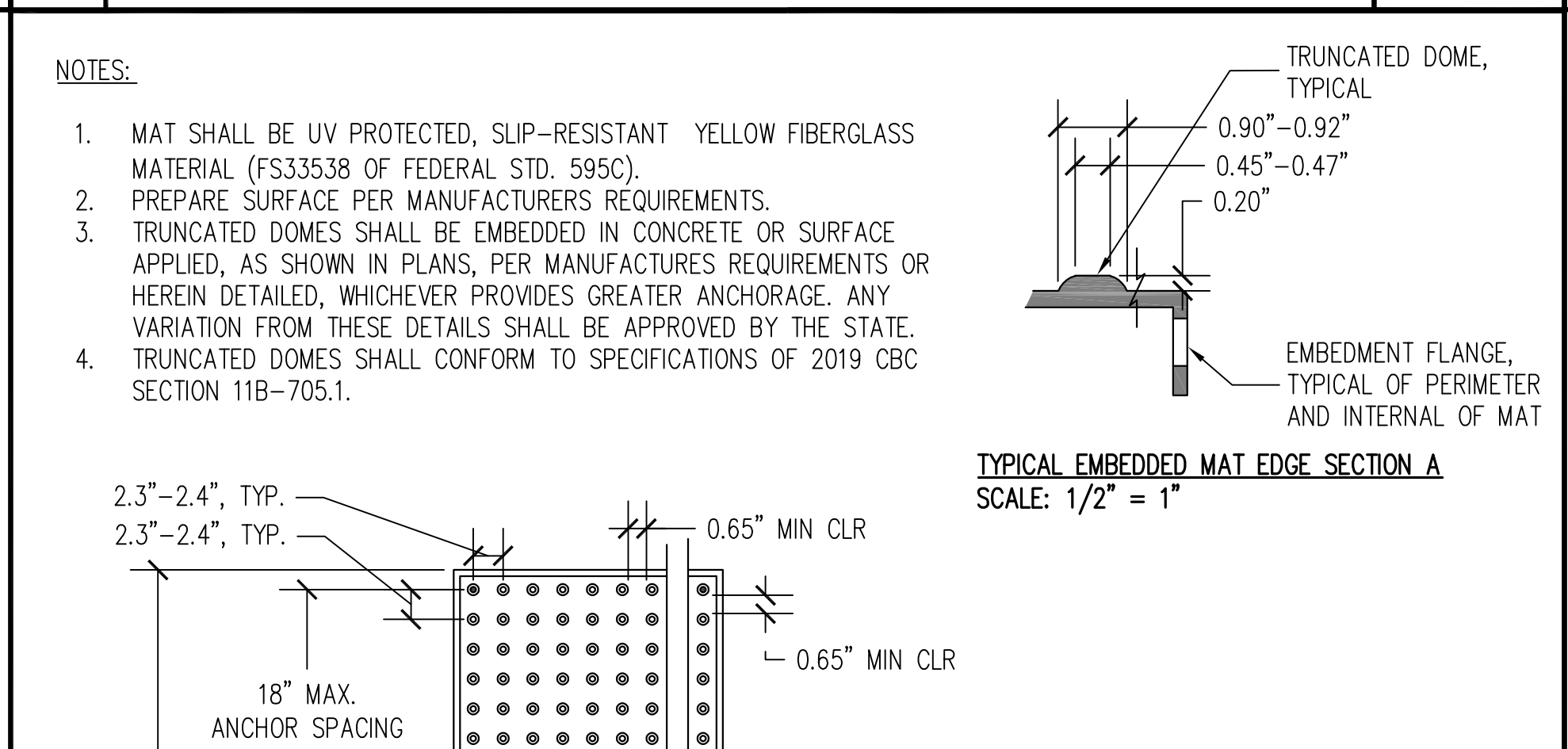
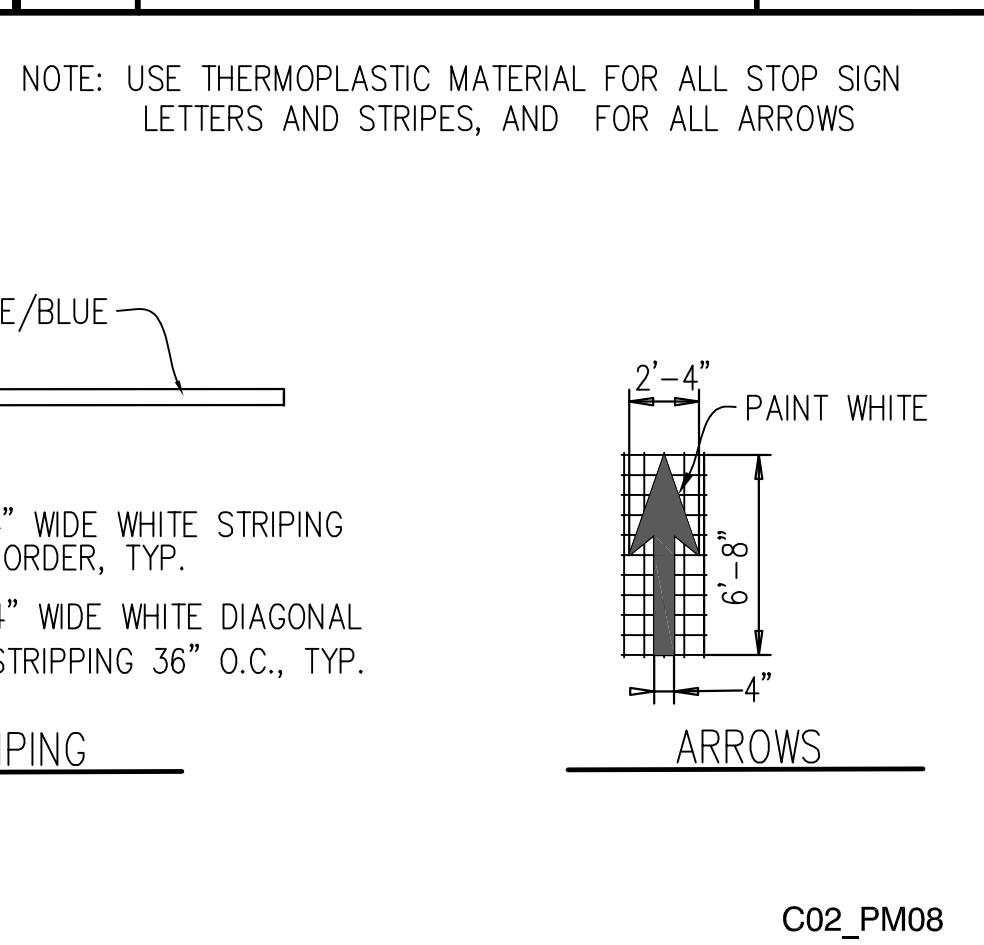
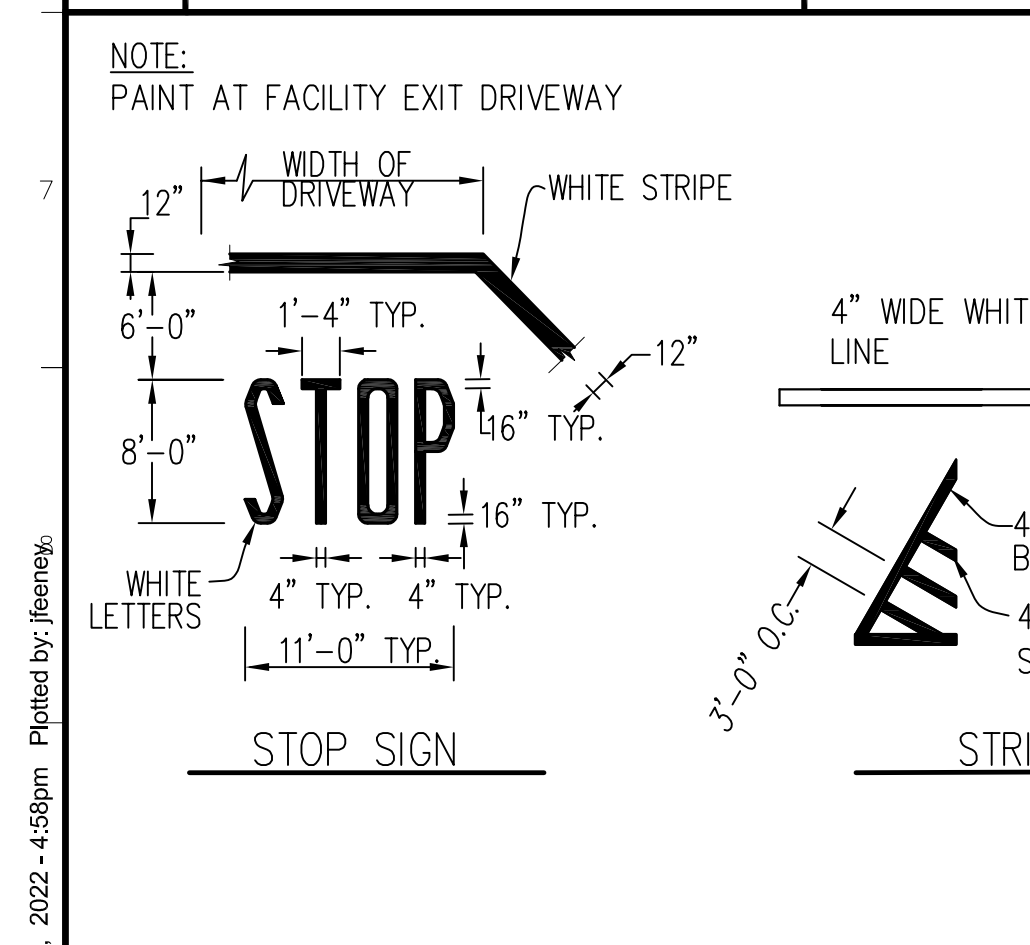


12 "V" GUTTER 3/4" = 1'-0"

11 6" CONCRETE CURB NO SCALE

8 CONCRETE PAVING 1-1/2" = 1'-0"

2 INTERNATIONAL ACCESSIBILITY SYMBOL FOR PARKING STALL 1" = 1'-0"

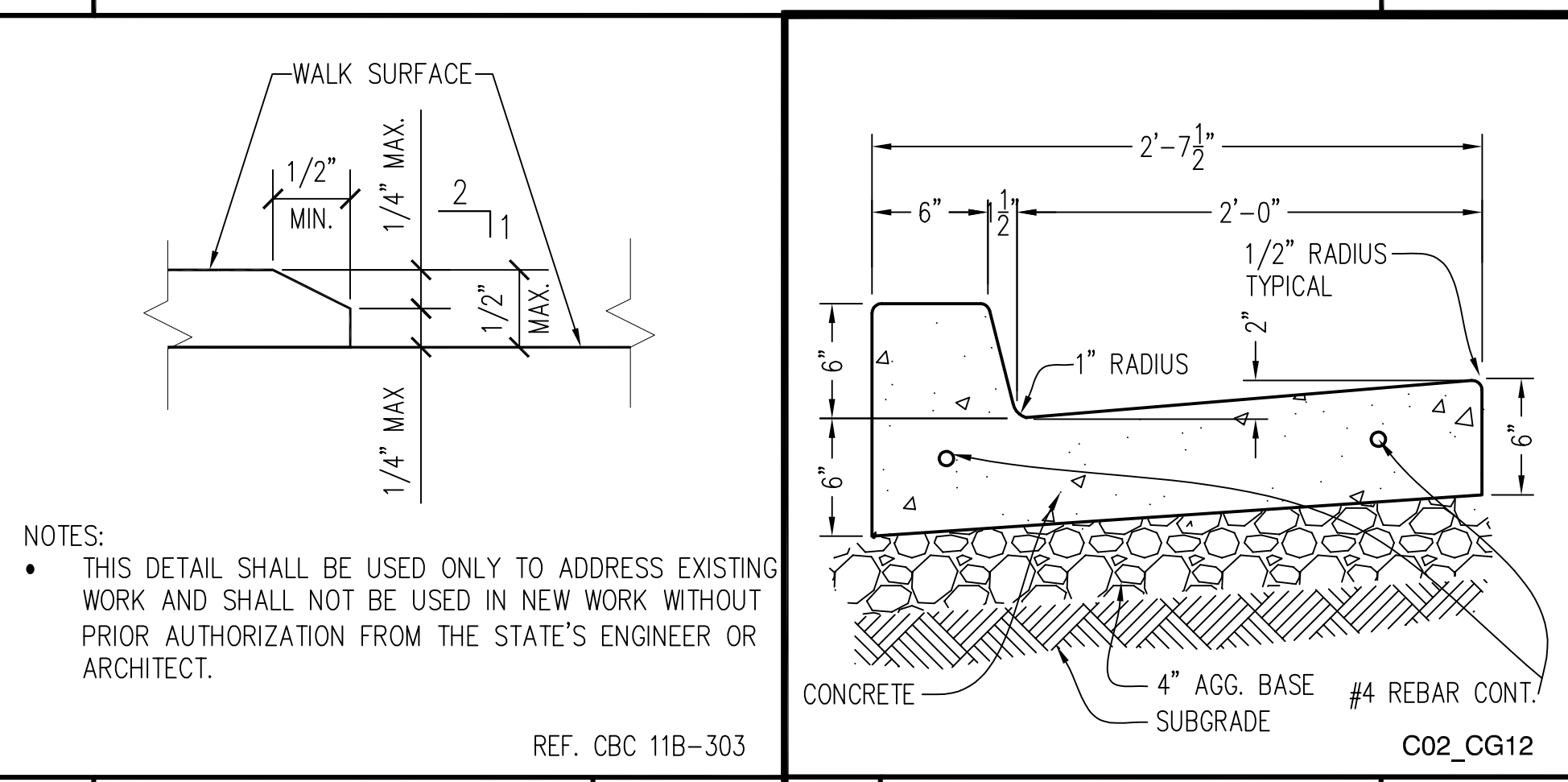
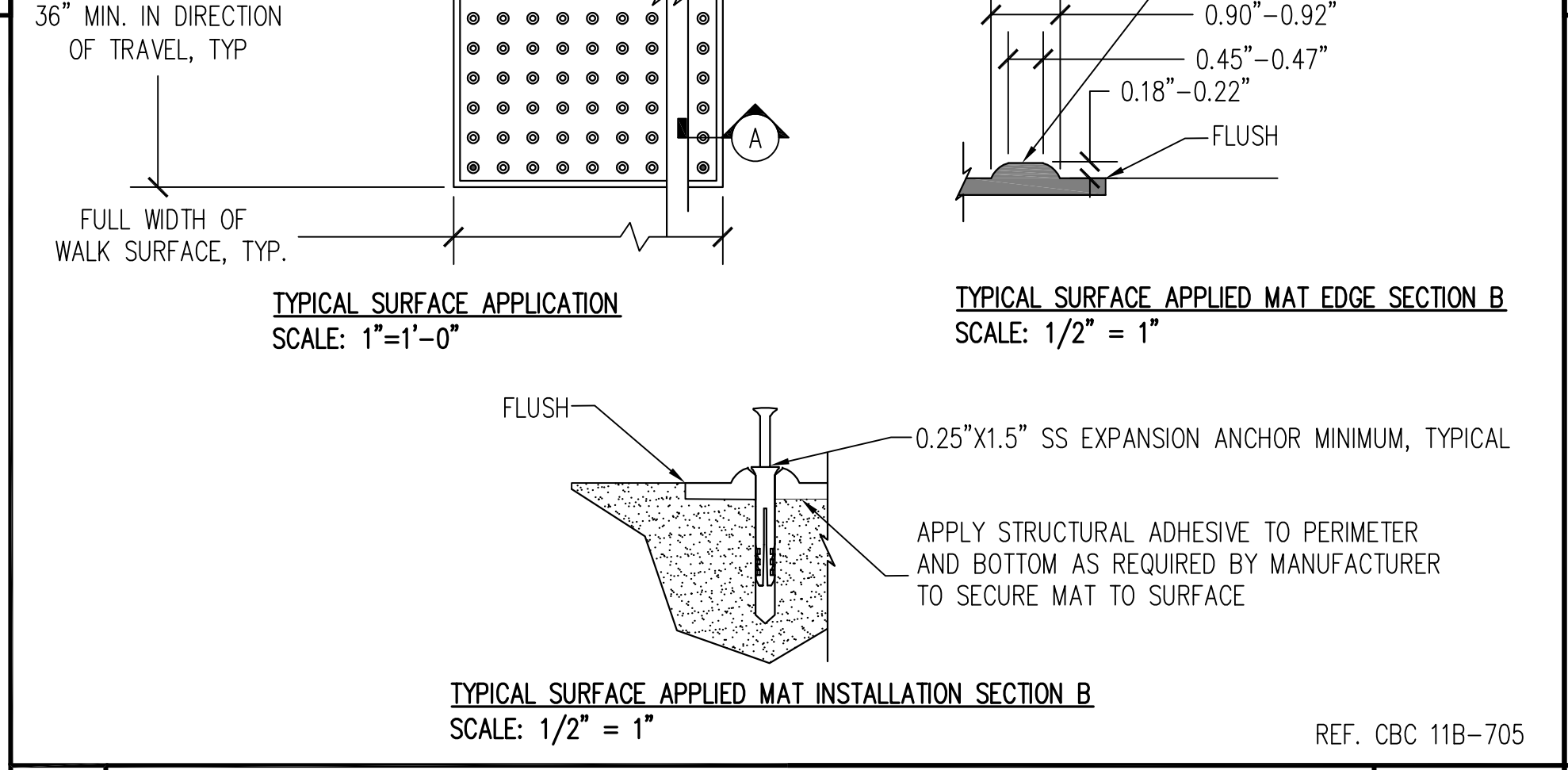
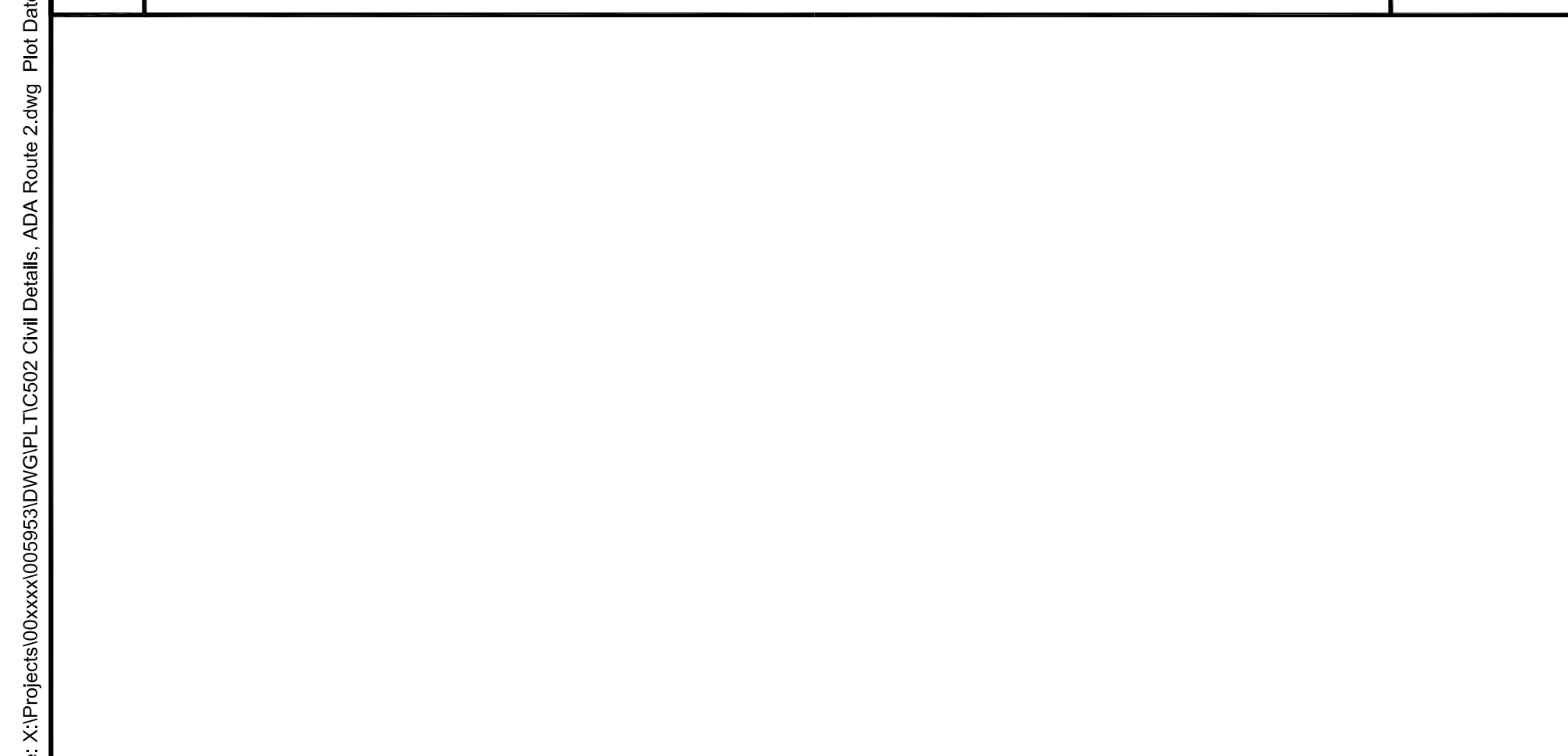


13 TYPICAL PAVEMENT MARKING NO SCALE

9 DETECTABLE WARNING, TRUNCATED DOMES AS NOTED

5 FLOOR LEVEL CHANGE FULL SCALE

3 4' CONCRETE WHEEL STOP 3/4" = 1'-0"



10 TYPICAL CONCRETE PAVING JOINTS N.T.S.

7 ACCESSIBLE GRATE CROSSING 1/8" = 1"

6

1 CONCRETE SIDEWALK AND CURB 1" = 1'-0"

2 INTERNATIONAL ACCESSIBILITY SYMBOL FOR PARKING STALL 1" = 1'-0"

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 Department of General Services
 Architecture & Engineering Sections
 State of California
 Real Estate Services Division
 Project Management & Development Branch
 707 Third Street, Suite 4-105
 West Sacramento, California 95605

REGISTERED PROFESSIONAL ENGINEER
 JOHN P. FEENEY
 No. C-42087
 JOHN P. FEENEY
 CIVIL
 STATE OF CALIFORNIA
 5-20-2022

Issue		
No.	Date	Description
1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVENUE
 BEAUMONT, RIVERSIDE COUNTY
 CA, 92223

CALIFORNIA HIGHWAY PATROL
 Supervisor J. DIGIORGIO
 Designed J. FEENEY
 Drawn J. FEENEY
 DSA App No. 04-120015
 SFM Permit No. 21-S-0771-C-PI

Sheet Title
CIVIL DETAILS ACCESSIBLE ROUTE 2

Project Number
 00000000005953

Reference North

Sheet Scale
 AS NOTED
 Sheet Number
 C502

CAD File: X:\Projects\04120015\04120015-Civil\Details\ADA\Route 2.dwg Plot Date: May 06, 2022 - 4:58pm Plotted by: jfeeny

CAD File: X:\Projects\00xxxx005953\DWG\PL\TCS03 Civil Site Details.dwg Plot Date: May 06, 2022 - 5:00pm Plotted by: jfeeney

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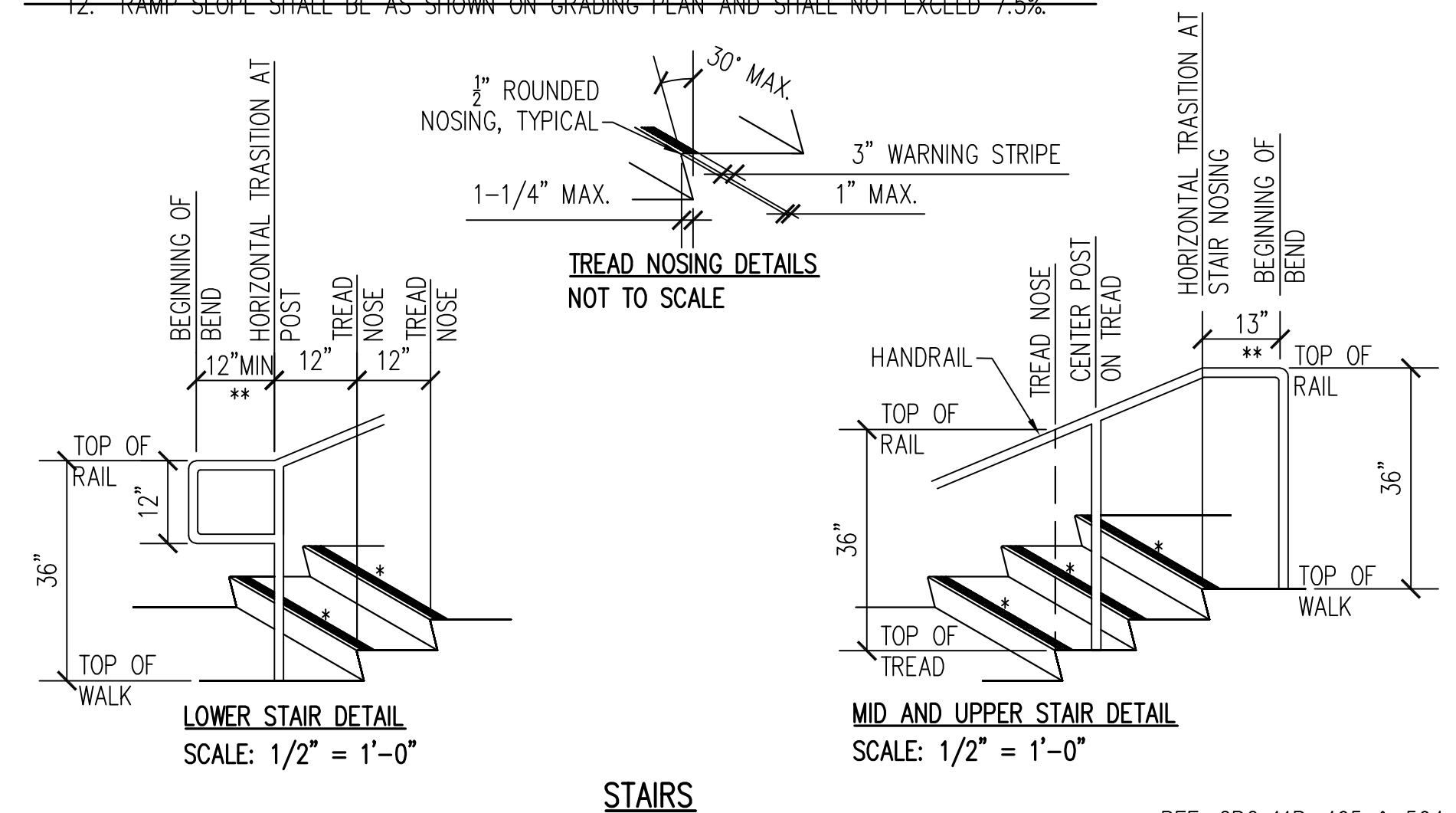


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West Sacramento, California 95605

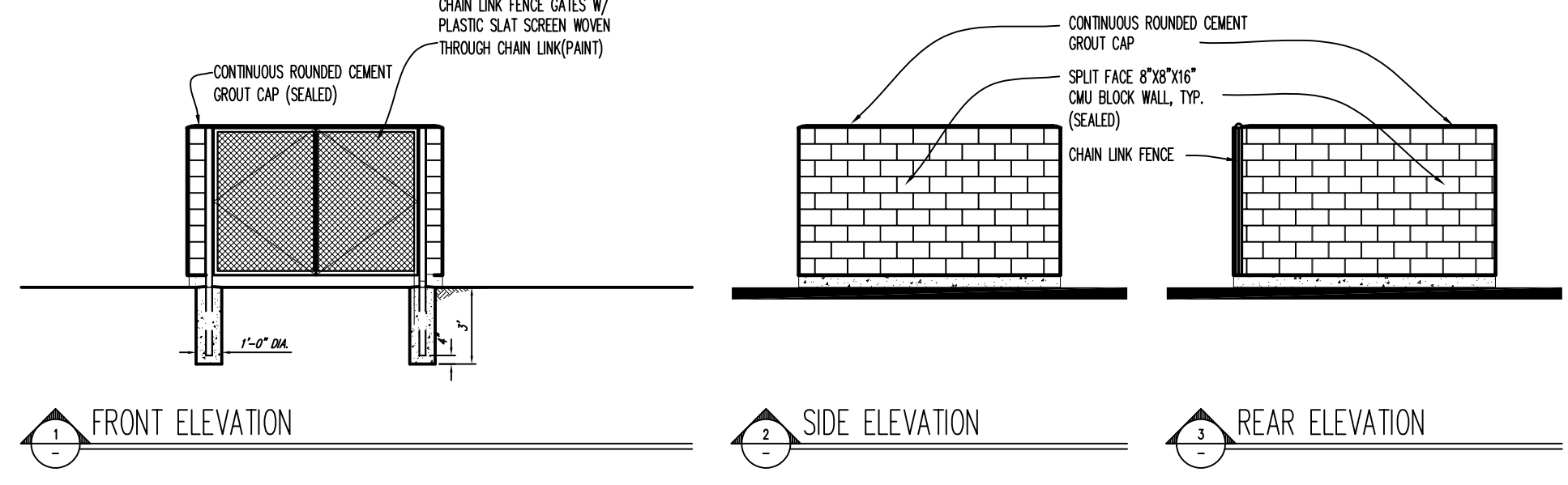
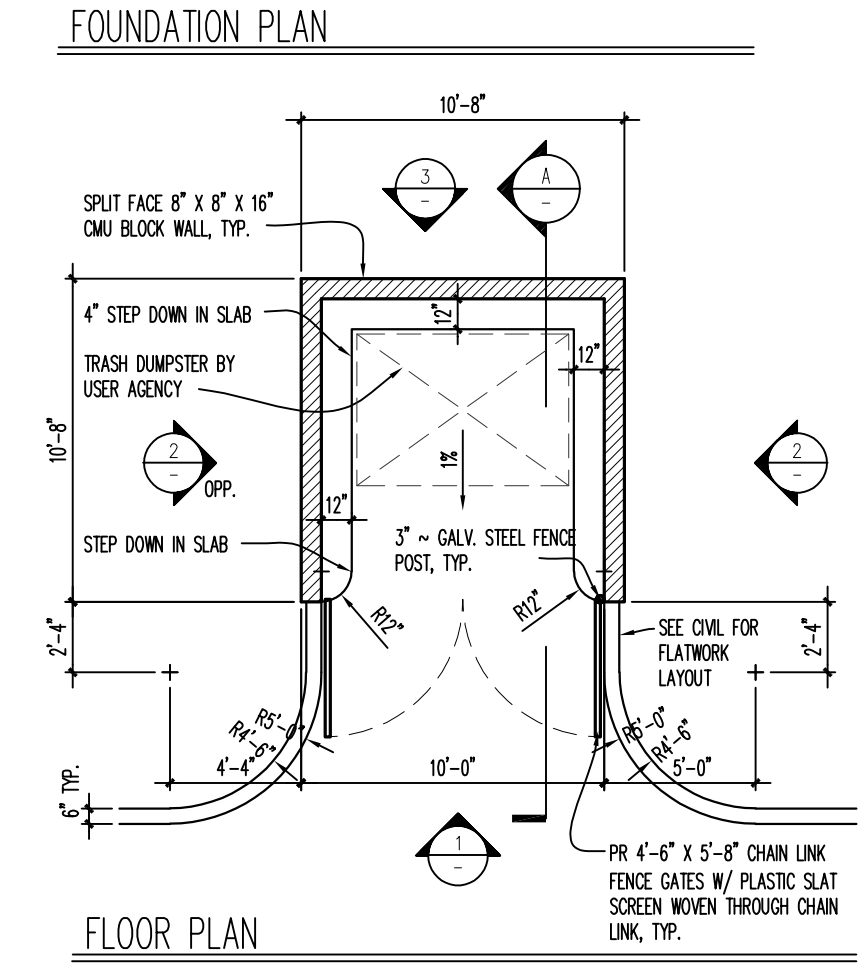
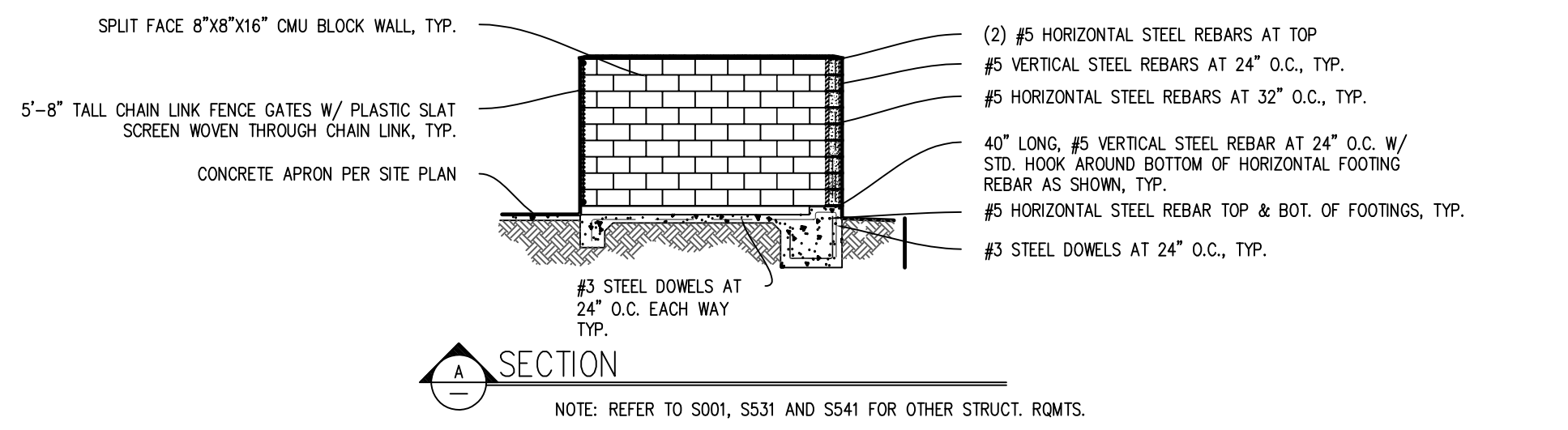
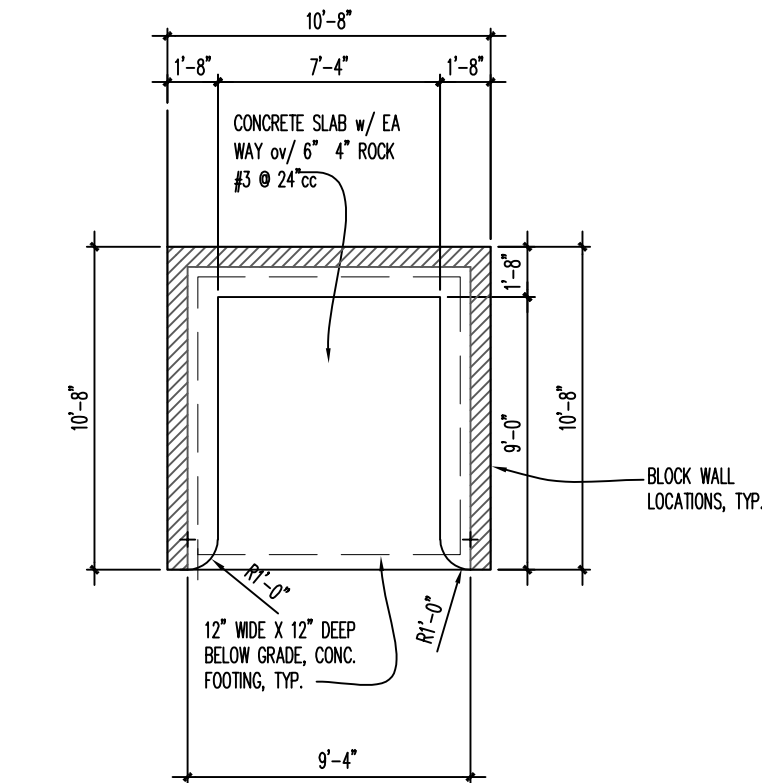


5-20-2022

- NOTE:
 "★" WARNING STRIPES SHALL BE CAST-IN-PLACE METAL INSERTS WITH CONTRASTING ABRASIVE MATERIAL.
 "★★" HANDRAIL EXTENSION SHALL BE LOCATED WITHIN LANDING.
 1. TREAD DEPTH SHALL BE AS NOTED ON PLANS AND SHALL NOT BE LESS THAN 12".
 2. STAIRS SHALL BE CONSTRUCTED AS SHOWN IN THESE PLANS AND COMPLY WITH THESE DETAIL MINIMUMS AND MAXIMUMS.
 3. STAIR TREADS SHALL BE SLIP RESISTANT AND SLOPE TO DRAIN (1% MAXIMUM).
 4. STAIR RISERS SHALL BE UNIFORM HEIGHT AS NOTED ON PLANS AND SHALL NOT BE LESS THAN 4" OR GREATER THAN 7".
 5. POST AND HANDRAIL SHALL BE 1-1/2" STANDARD STEEL PIPE AND HOT DIPPED GALVANIZED AFTER FABRICATION, UNLESS NOTED DIFFERENTLY IN THESE PLANS.
 6. HANDRAIL SHALL NOT BE GREATER THAN 2" OUTSIDE DIAMETER AND SHALL NOT SPAN GREATER THAN 5'. HEIGHT OF RAIL SHALL BE AS NOTED IN PLANS, CONSISTENT THROUGHOUT THE PROJECT AND SHALL NOT VARY MORE THAN 1/2" +/- FROM TREAD NOSING SURFACE, OR RAMP/LANDING SURFACE, TO TOP OF RAIL. EXTENSIONS SHALL BE AS SHOWN IN PLANS AND A SHALL NOT BE LESS THAN 13" IN HORIZONTAL LENGTH (NOT INCLUDING BENDS).
 7. SEE PLANS FOR NUMBER OF STAIRS AND FINISH GRADES OF LANDINGS.
 8. WIDTH BETWEEN HANDRAILS OR GUIDE CURBS SHALL BE AS NOTED ON PLANS AND SHALL NOT BE LESS THAN 50".
 9. GUIDE CURBS SHALL BE CONSTRUCTED AS SHOWN ON PLANS AND SHALL NOT BE LESS THAN 3" HIGH.
 10. HANDRAIL POST SHALL BE INSTALLED IN FOOTING, CORED HOLE, OR SURFACE MOUNTED AS SHOWN ON PLANS.
 11. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR STATES APPROVAL.
 12. RAMP SLOPE SHALL BE AS SHOWN ON GRADING PLAN AND SHALL NOT EXCEED 7.5%.



1 OUTDOOR STAIR AND HANDRAIL TYPICAL LAYOUT AS NOTED



2 TRASH ENCLOSURE PLANS, ELEVATIONS AND SECTION N.T.S.

Issue		
No.	Date	Description
1	05/06/22	

Project
SAN GORGONIO PASS PERIMETER FENCE
195 HIGHLAND SPRINGS AVENUE
BEAUMONT, RIVERSIDE COUNTY
CA, 92223

CALIFORNIA HIGHWAY PATROL

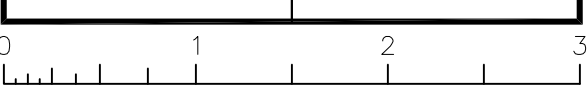
Supervisor J. DIGIORGIO	Designed J. FEENEY	Drawn D. DRAFTER
DSA App No. 04-120015	SFM Permit No. 21-S-0771-C-PI	

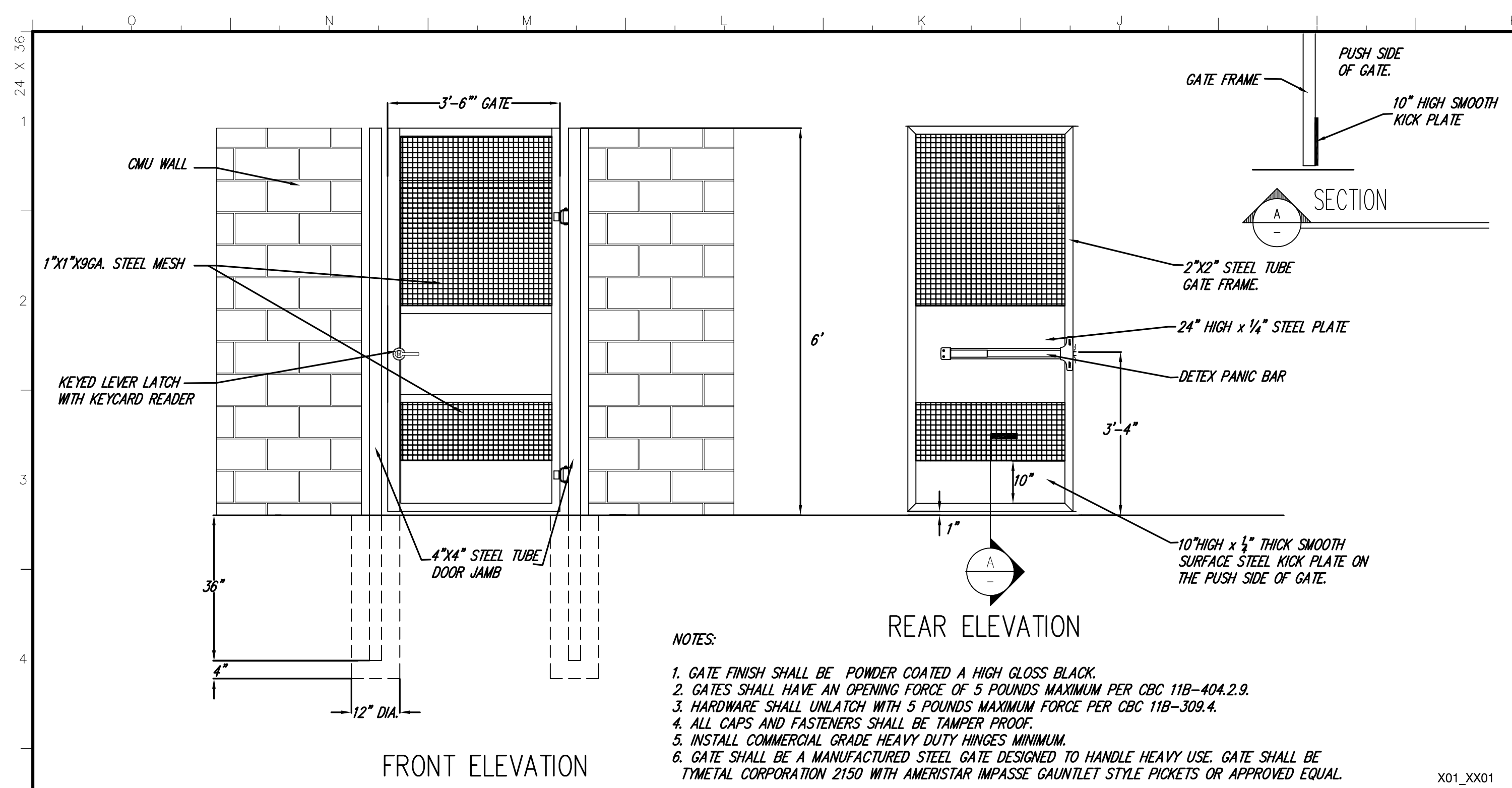
Sheet Title

CIVIL SITE DETAILS

Project Number
00000000005953

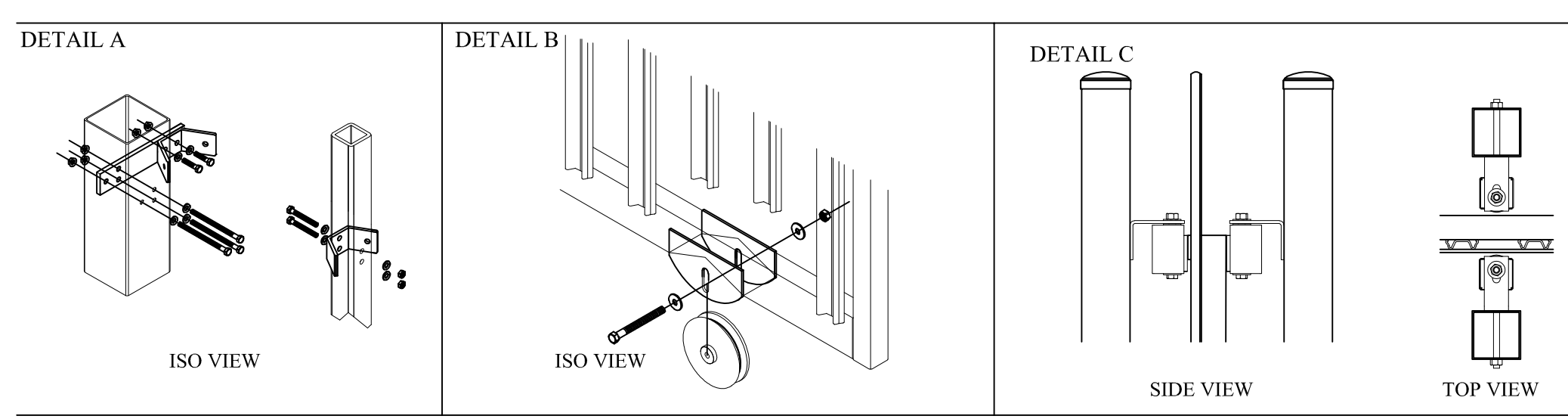
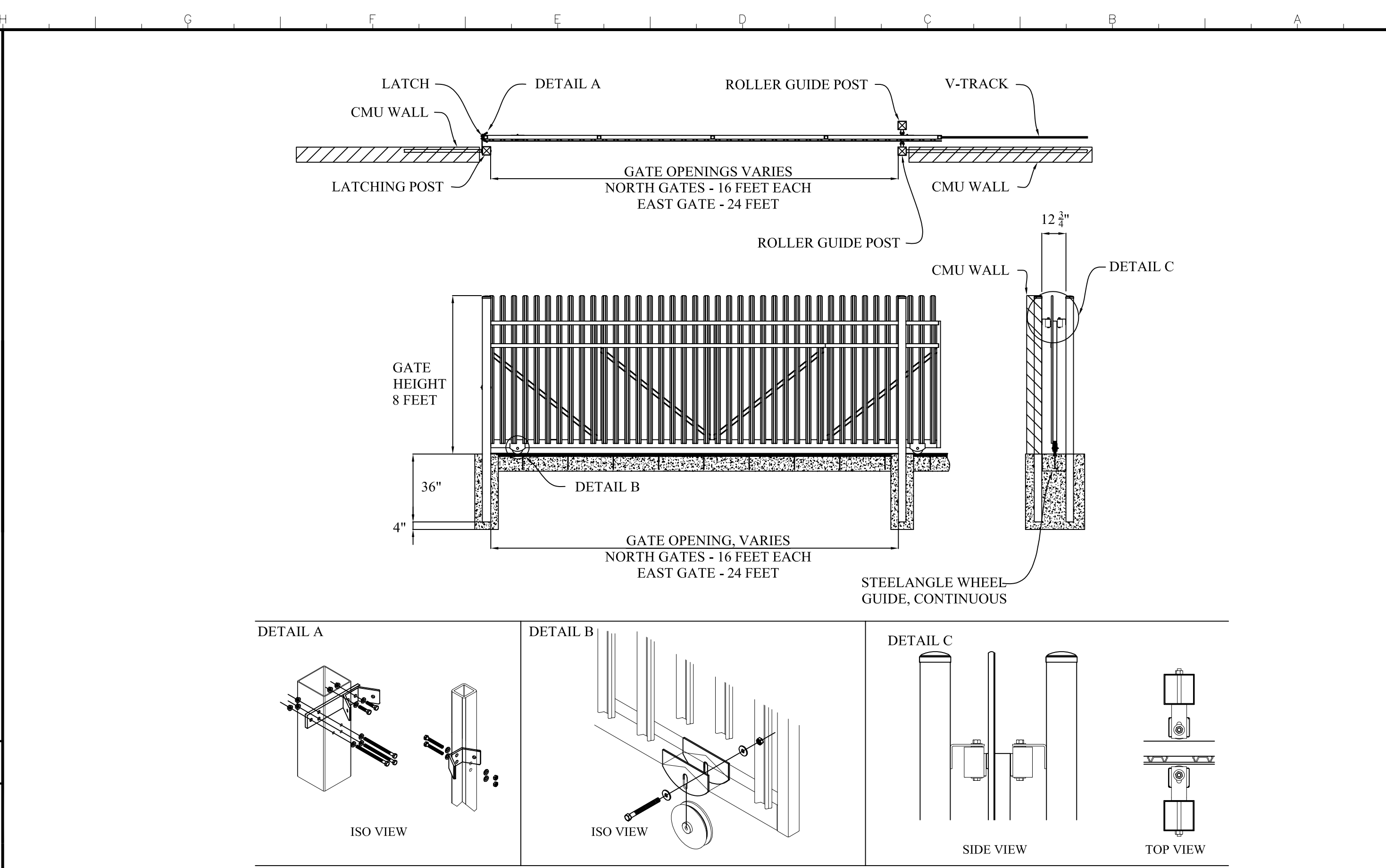
Reference North	Sheet Scale N/A
	Sheet Number C503





- NOTES:
- GATE FINISH SHALL BE POWDER COATED A HIGH GLOSS BLACK.
 - GATES SHALL HAVE AN OPENING FORCE OF 5 POUNDS MAXIMUM PER CBC 11B-404.2.9.
 - HARDWARE SHALL UNLATCH WITH 5 POUNDS MAXIMUM FORCE PER CBC 11B-309.4.
 - ALL CAPS AND FASTENERS SHALL BE TAMPER PROOF.
 - INSTALL COMMERCIAL GRADE HEAVY DUTY HINGES MINIMUM.
 - GATE SHALL BE A MANUFACTURED STEEL GATE DESIGNED TO HANDLE HEAVY USE. GATE SHALL BE TYMETAL CORPORATION 2150 WITH AMERISTAR IMPASSE GAUNTLET STYLE PICKETS OR APPROVED EQUAL.

2 3.5' MAN - GATE X01_XX01



PassPort IS (Impasse Security) Roll Gate
 Security Pick: Proprietary Corrugated Impasse Shape x 1/2" Thick
 Top Rail(s), Uprights and Diagonal Braces: 2" Square
 Bottom Rail: 2" x 4" (Notched & Flated for V-track Wheels)
 Roll Gate Hardware: Kit #R000
 Available in Profiles of 2-Rail, 3-Rail & 3-Rail w/Rings

- NOTES:
- GATE FINISH SHALL BE POWDER COATED A HIGH GLOSS BLACK.
 - ALL CAPS AND FASTENERS SHALL BE TAMPER PROOF. INSTALL HEAVY DUTY, COMMERCIAL OR INDUSTRIAL GRADE HINGES, GATE STOPS AND LATCHING EQUIPMENT.
 - THE GATE ASSEMBLY SHALL INCLUDE LEADING AND TRAILING EDGE SENSORS, LEADING AND TRAILING PHOTO EYE SENSORS, ELECTRIC GATE OPERATOR WITH AUDIBLE ALARM, KEY PAD LOCATED ON OUTSIDE AND REMOTE, WIRELESS CONTROL.
 - GATE SHALL BE A MANUFACTURED STEEL GATE DESIGNED TO HANDLE HEAVY USE AND BE OPERATED BY A GATE OPERATOR. GATE SHALL BE A HEAVY DUTY PASSPORT IS STRONGHOLD INDUSTRIAL ROLL GATE BY AMERISTAR OR APPROVED EQUAL. PICKETS SHALL BE AMERISTAR IMPASSE STYLE OR APPROVED EQUAL.

1 ROLLING STEEL VEHICLE GATE X01_XX01

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5-20-2022

Issue		
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Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVENUE
 BEAUMONT, RIVERSIDE COUNTY
 CA, 92223

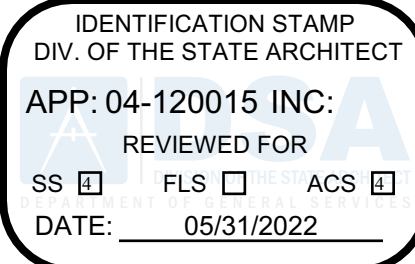
CALIFORNIA HIGHWAY PATROL
 Supervisor: JD, JF, JF
 DSA App No. 04-120015
 SFM Permit No. 21-S-0771-C-PI

Sheet Title
CIVIL DETAILS GATES

Project Number
 00000000005953
 Reference North
 Sheet Scale
 AS SHOWN
 Sheet Number
 C505

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5/20/22

Issue Log table with columns: Issue No., Date, Description. Entry 1: 05/06/22

Project
SAN GORGONIO PASS PERIMETER FENCE
195 HIGHLAND SPRINGS AVE
BEAUMONT, CA 92223
RIVERSIDE COUNTY

CALIFORNIA HIGHWAY PATROL
Supervisor: J.DIGIORGIO, M.ROBERTS, M.ROBERTS
Designed: M.ROBERTS, Drawn: M.ROBERTS
DSA App No.: 04-120015, SFM Permit No.: 21-S-0771-C-PI

Sheet Title
STRUCTURAL GENERAL NOTES

Project Number
000000000005953

Sheet Scale
Sheet Number
S001

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: JULY 19, 2022

- 1. Interpretation of drawings and specifications
A. For convenience, specifications have been prepared for this project and are arranged in several sections...
B. In general, the working details will indicate dimensions, position and kind of construction...
C. Should an error appear in the working details or specifications or in work done by others affecting this work...

2 GENERAL NOTES NOT TO SCALE

Table with columns: SYMBOL, DESCRIPTION, DETAIL REF. Includes entries for CFx (0'-0''), STEP IN CF, and CMU WALL.

3 SYMBOLS NOT TO SCALE

Table of abbreviations and symbols including AB (Anchor Bolt), BEV (Beveled), BLW (Bottom of), BOT (Bottom), BT (Between), CF (Continuous Footing), CLR (Clear), CMU (Concrete Masonry Unit), CNTR (Center), CNJ (Construction Joint), CONC (Concrete), CONTR (Contractor), DIA (Diameter), EA (Each), EF (Each Face), EL (Elevation), EOS (Edge of Slab), EQ (Equal), ES (Each Side), EW (Each Way), F/ (Face of), FS (Far Side), FTG (Footing), GALV (Galvanized), HORIZ (Horizontal), HSB (High Strength Bolt), HSS (Hollow Structural Section), ICC (International Code Council), LLH (Long Leg Horizontal), LLV (Long Leg Vertical), LW (Light Weight), MFR (Manufacturer), (N) (New), NS (Near Side), NTS (Not to Scale), NW (Normal Weight), OC (On Center), OPNG (Opening), PL (Plate), REINF (Reinforcing Steel), REQD (Required), SCHED (Schedule), SIM (Similar), SMS (Sheet Metal Screw), STF (Stiffener), STL (Steel), STGR (Staggered), T&B (Top & Bottom), THRD (Threaded), T/ (Top of), UNO (Unless Noted Otherwise), VERT (Vertical), W/ (With), W/O (Without), CL (Centerline), WF (Wide Flange), WEJ (Wall Expansion Joint).

4 ABBREVIATIONS NOT TO SCALE

- 1. Concrete mix designs (including test record method) shall be prepared by a Civil Engineer licensed in the state of California...
2. Dimensions shown for location of reinforcing are to the face of main bars and denote clear coverage...
3. Vertical cells shall have vertical alignment sufficient to maintain a clear unobstructed continuous vertical cell...
4. Clean out openings shall be provided at the bottoms of all cells to be filled at each lift or pour of grout...

CONCRETE REINFORCEMENT LAP SPLICE SCHEDULE, INCHES

Table showing lap splice schedules for F'c = 3,000 PSI and F'c = 4,000 PSI. Columns include Splice Class, Reinf Location, and bar sizes #3 through #11.

- Reinforcement lap splice schedule notes:
A. Schedule applies to uncoated, grade 60 reinforcing steel and normal weight concrete.
B. All lap splices shall be Class B unless noted otherwise.
C. Top reinforcement is horizontal reinforcement locate such that more than 12 inches of fresh concrete is cast in the member below the splice.

7 CONCRETE NOTES NOT TO SCALE

- 1. Vertical cells shall have vertical alignment sufficient to maintain a clear unobstructed continuous vertical cell.
2. Clean out openings shall be provided at the bottoms of all cells to be filled at each lift or pour of grout where such lift or pour of grout is in excess of 2' - 0" in height.
3. Vertical reinforcing shall be held in position at top and bottom and at intervals not to exceed 192 bar diameters.
4. Thoroughly clean all cells and bond beams of mortar before grouting.
5. All cells shall be filled solidly with grout. All grouting shall be done under the observation of a qualified inspector...

CMU REINFORCEMENT LAP SPLICE SCHEDULE, INCHES

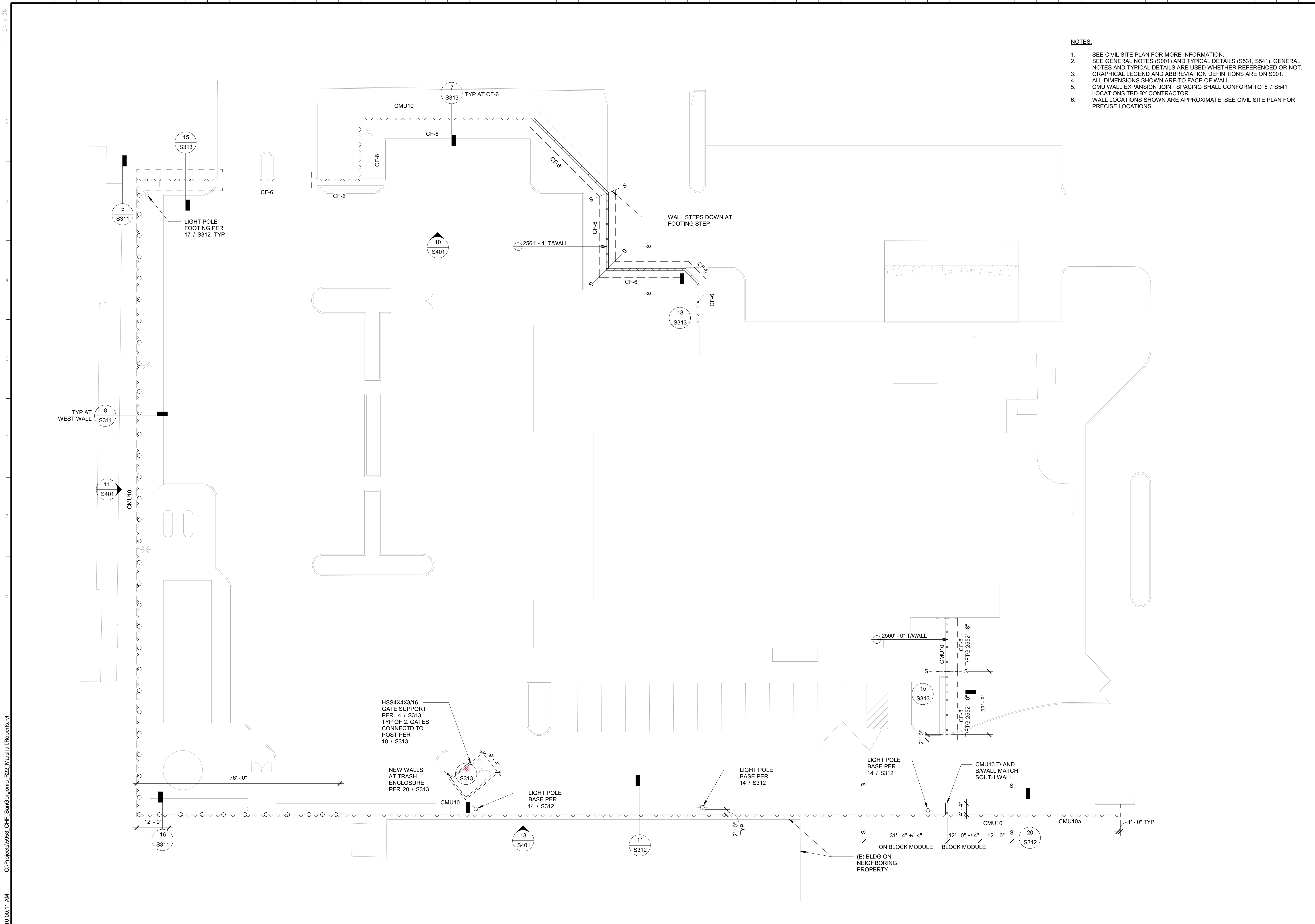
Table showing lap splice schedule for CMU with F'm = 2,000 PSI. Columns include bar sizes #3 through #9.

10 CMU NOTES NOT TO SCALE

- 1. Codes and Standards
A. 2019 California Building Code
B. ACI 318-14 (Concrete)
C. TMS 402/602-16 (Concrete Masonry)
2. Occupancy Category: IV
3. Lateral Loads:
A. Wind:
a. Basic Wind Speed: V = 107 mph
b. Exposure = C
c. I = 1.0
B. Seismic:
a. I = 1.5
b. Ss = 1.952g
c. Si = 0.668g
d. Site Class: D
e. Seismic Design Category: D
f. Fv = 1.7
g. Fa = 1.0
h. Sps = 1.302g
i. Sps = 0.757g
j. Seismic Force Resisting System: Ground Supported Cantilever Wall
k. R = 1.25
l. Omega0 = 2.0
m. Co = 2.5
n. Analysis Procedure: Equivalent Lateral Force Procedure (ASCE 7 Section 12.8 as modified by 15.4)
o. Cs = 1.562 (Strength)
4. Geotechnical Information
A. Refer to "Limited Geotechnical Investigation" by Geocon West, Inc dated July 29, 2021, project number A6575-06-24
B. Soil Pressure:
a. Dead and Live Loads: 2,500 psf
b. Dead, Live, and Wind/Seismic Loads: 2,500 psf
c. Passive Earth Pressure: 250 pcf (reduced by 1/3 when combined with friction)
e. Coefficient of Friction: 0.4
f. Footing Minimum Depth: 18" (bearing pressure increases 600 psf for each additional foot of depth to a maximum of 3,700 psf)
g. Footing Minimum Width: 12" (bearing pressure increases 300 psf for each additional foot of width to a maximum of 3,700 psf)
C. Allowable Pile Capacity:
a. Downward Skin Friction: 230 psf
b. Upward Skin Friction: 115 psf
c. End Bearing: Ignored
d. Minimum Depth Below Ground Surface: 7 feet

12 DESIGN CRITERIA NOT TO SCALE

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- NOTES:**
1. SEE CIVIL SITE PLAN FOR MORE INFORMATION.
 2. SEE GENERAL NOTES (S001) AND TYPICAL DETAILS (S313, S541). GENERAL NOTES AND TYPICAL DETAILS ARE USED WHETHER REFERENCED OR NOT.
 3. GRAPHICAL LEGEND AND ABBREVIATION DEFINITIONS ARE ON S001.
 4. ALL DIMENSIONS SHOWN ARE TO FACE OF WALL.
 5. CMU WALL EXPANSION JOINT SPACING SHALL CONFORM TO 5 / S541 LOCATIONS TBD BY CONTRACTOR.
 6. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE CIVIL SITE PLAN FOR PRECISE LOCATIONS.

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 West Sacramento, California 95605

REGISTERED PROFESSIONAL ENGINEER
 ARCHITECTURAL
 STATE OF CALIFORNIA
 No. S-6173

 5/20/22

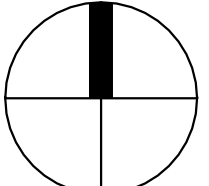
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Project
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 195 HIGHLAND SPRINGS AVE
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 RIVERSIDE COUNTY

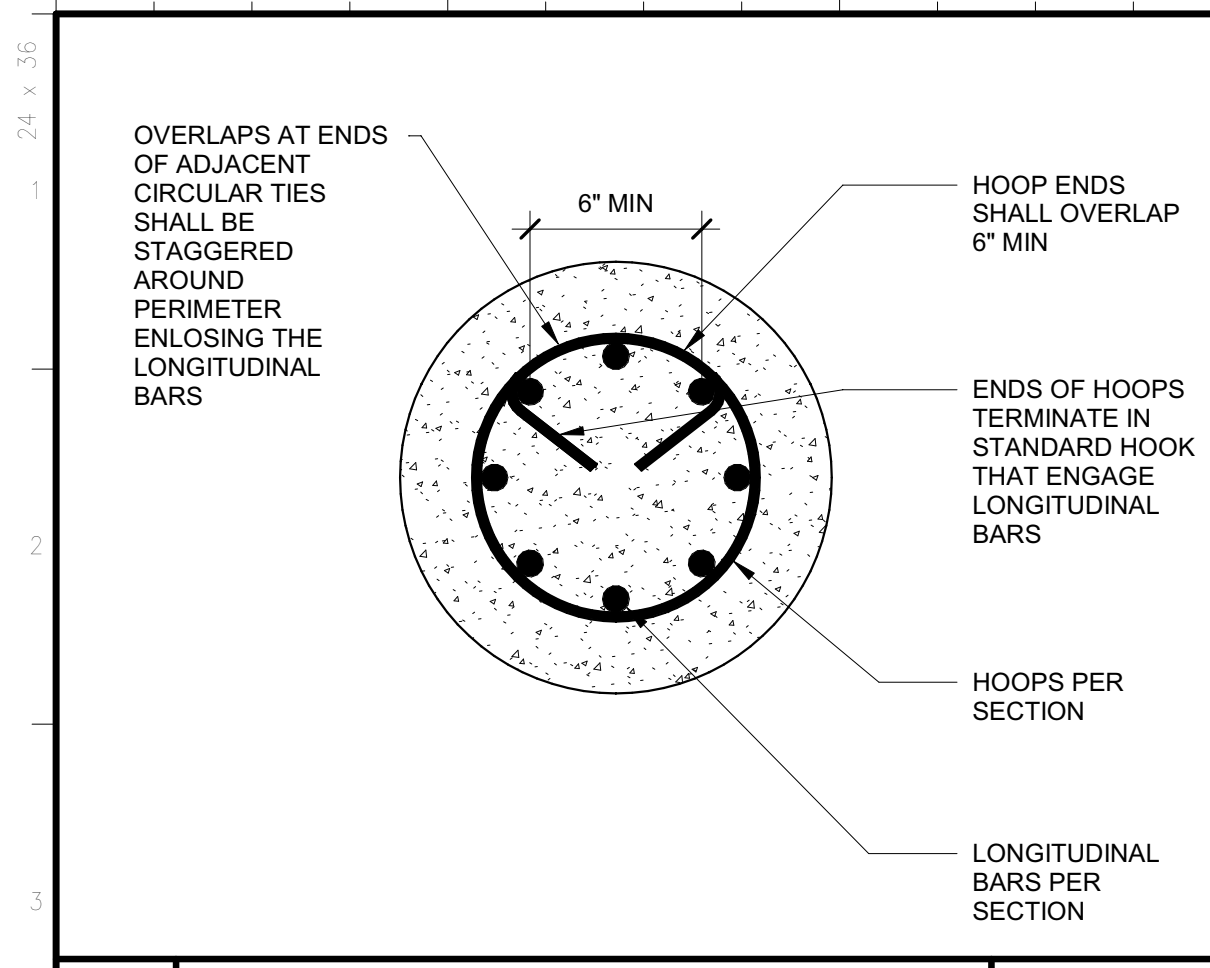
CALIFORNIA HIGHWAY PATROL
 Supervisor J.DIGIORGIO
 Designed M.ROBERTS
 Drawn M.ROBERTS
 DSA App No. 04-120015
 SFM Permit No.

Sheet Title
STRUCTURAL SITE PLAN

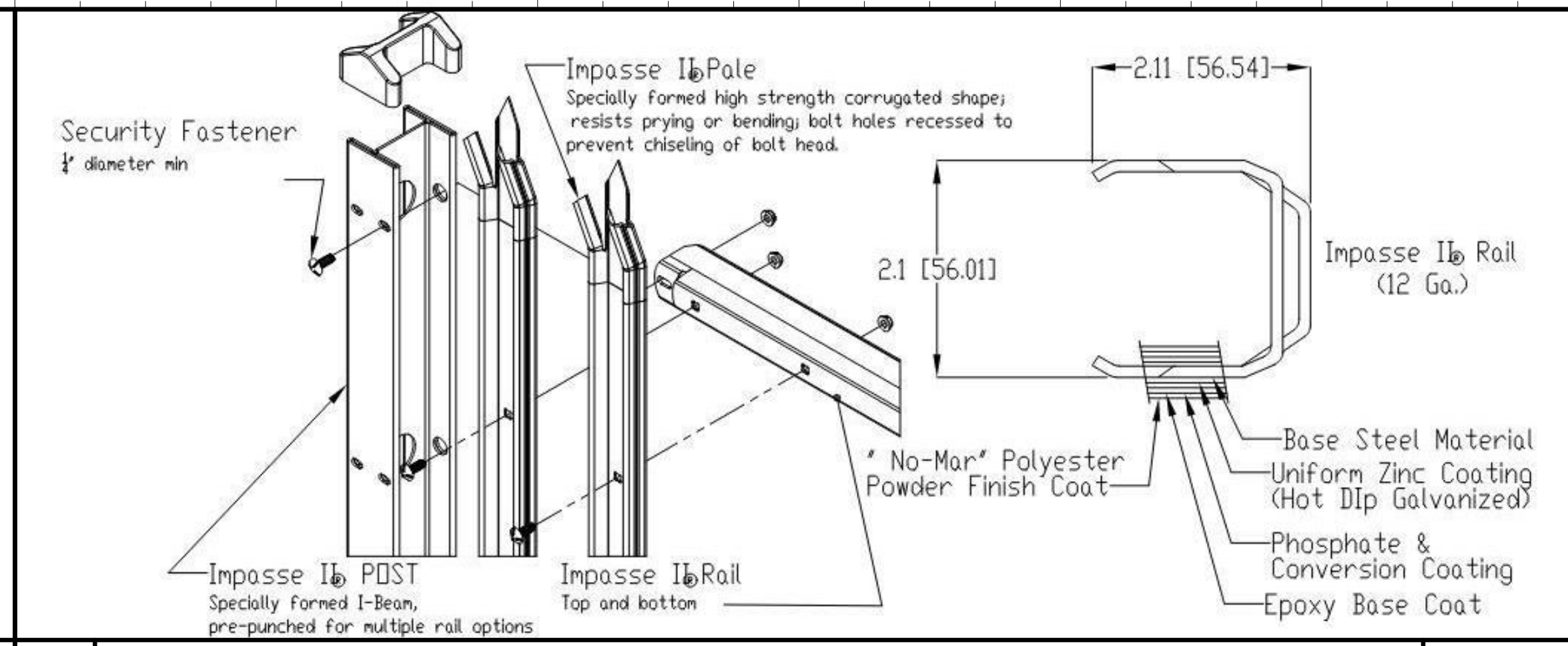
Project Number
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Reference North

 Sheet Scale
 Sheet Number
S111

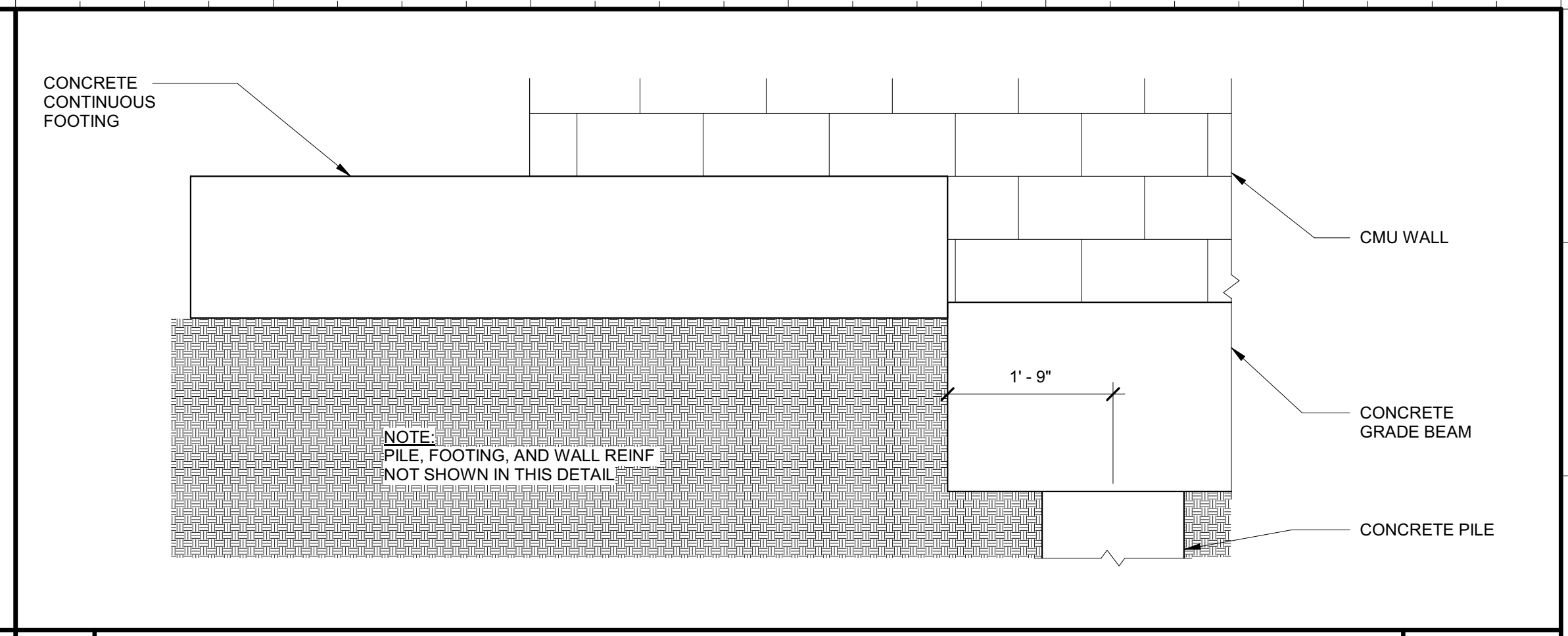
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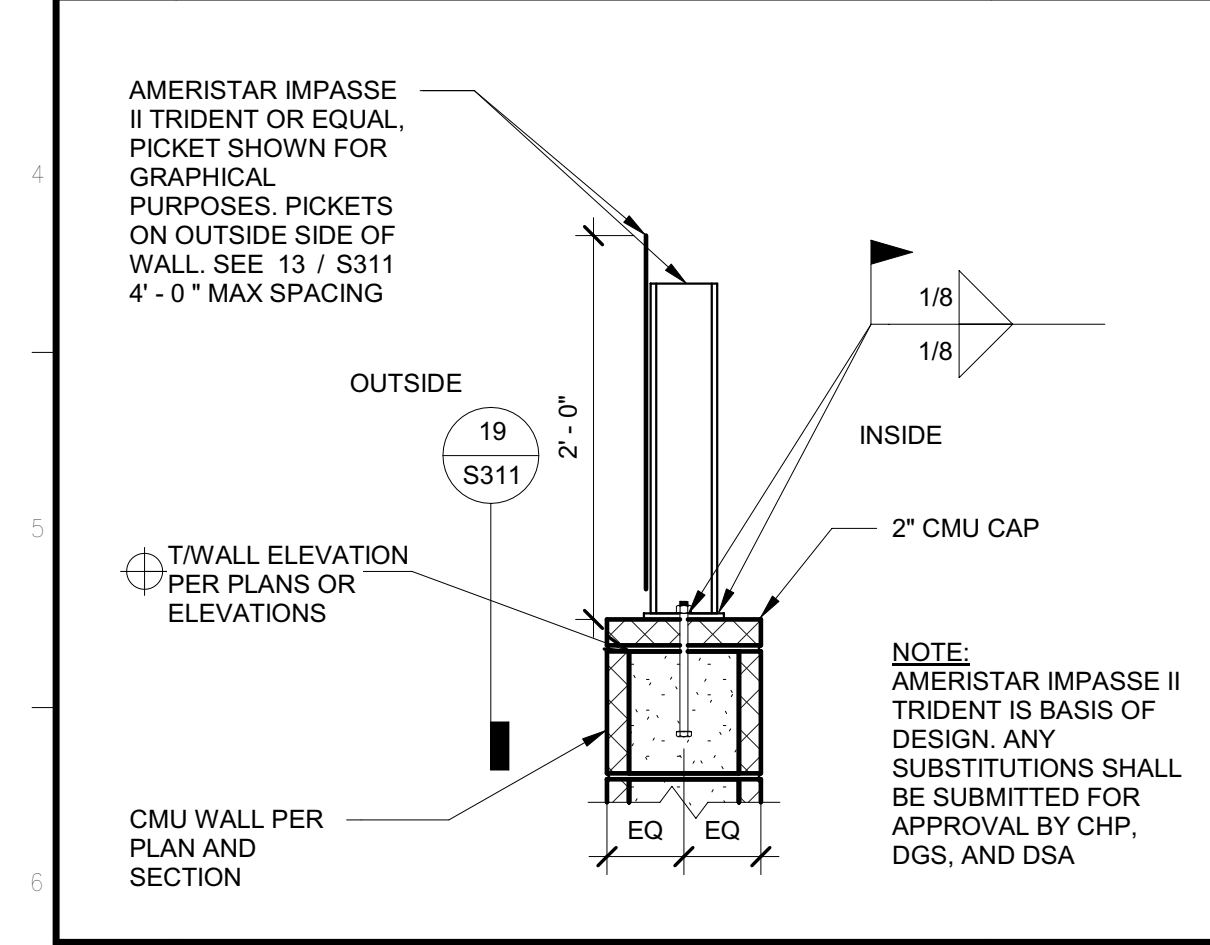
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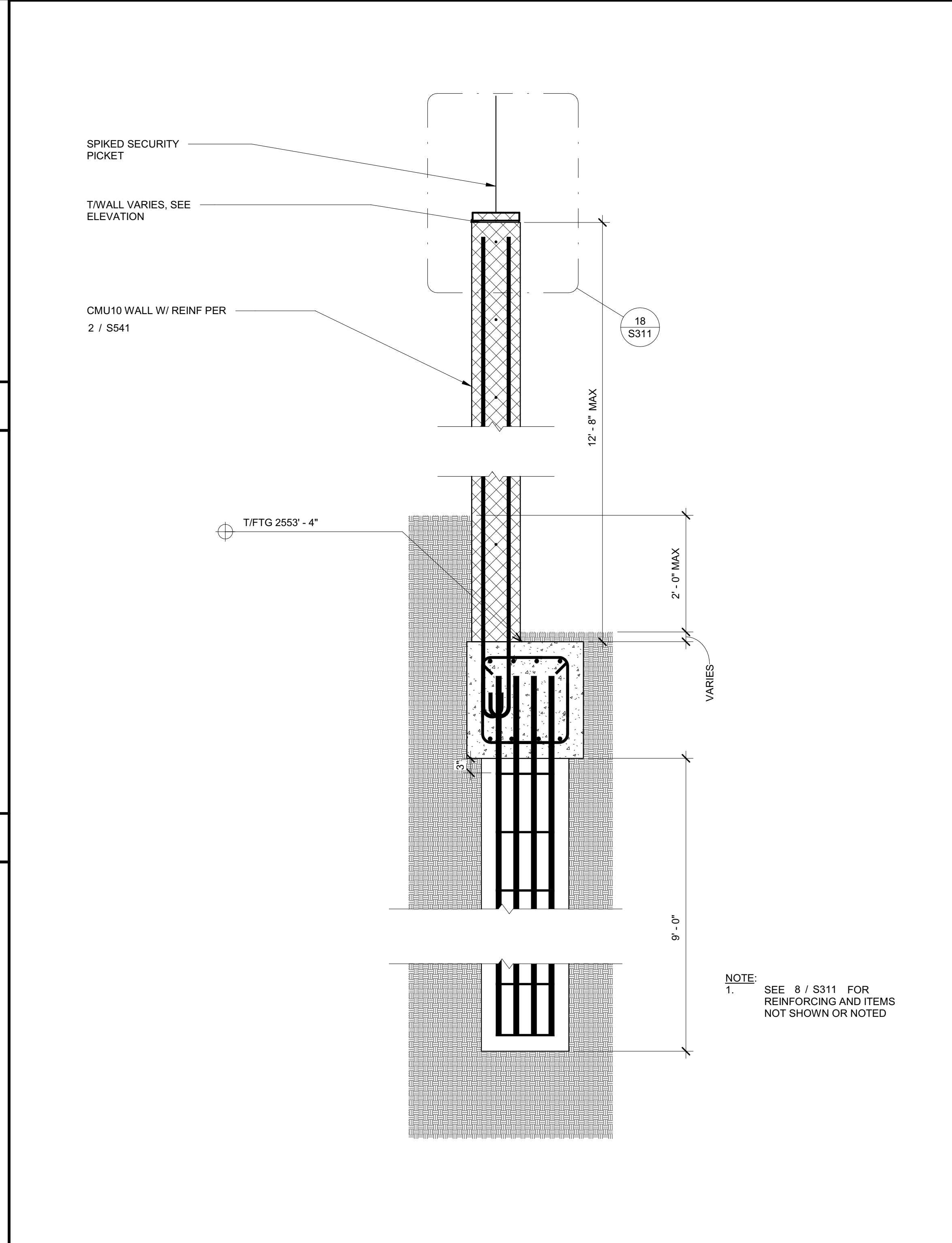
13 FENCE CONNECTIONS NOT TO SCALE



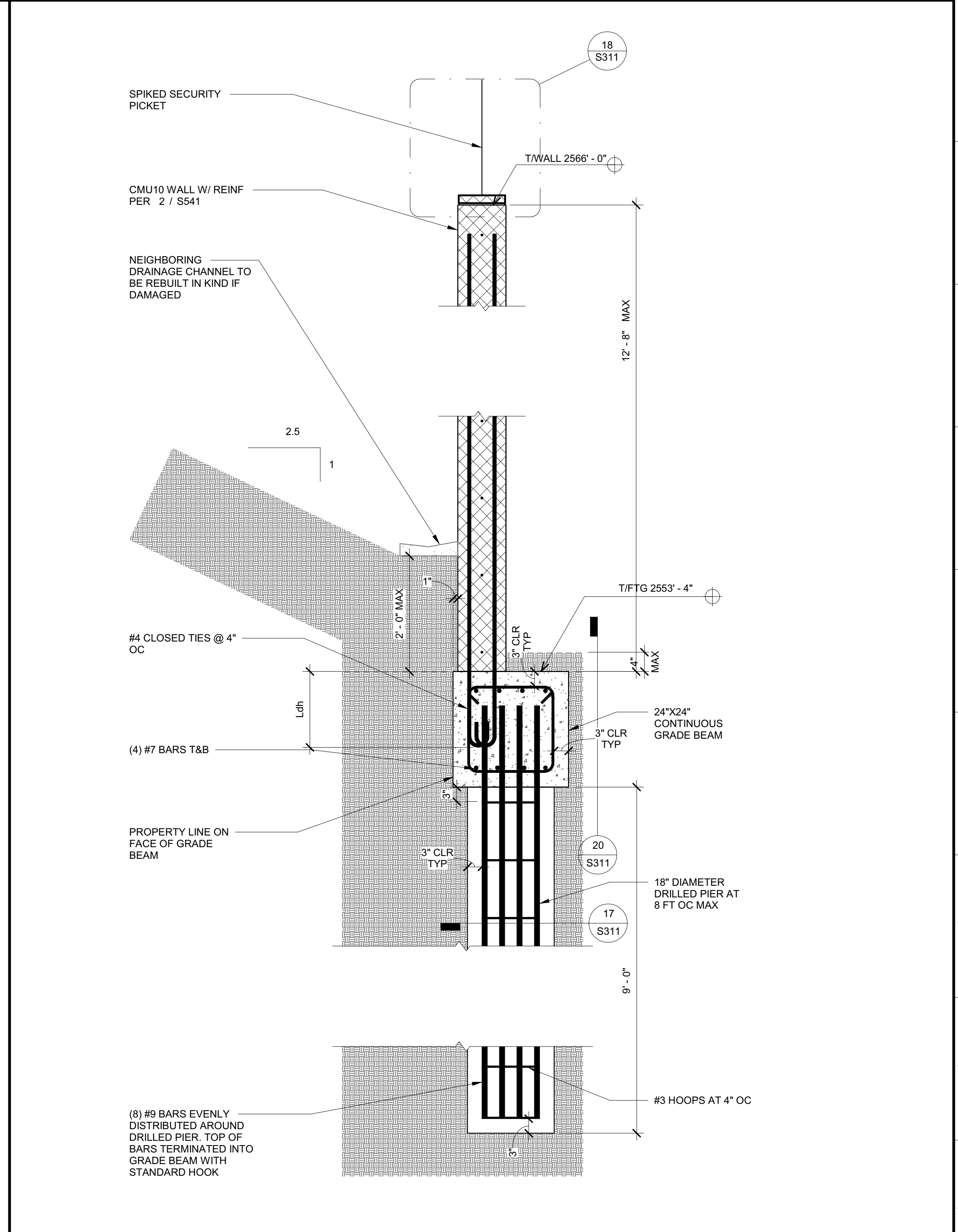
5 NORTHWEST CORNER 3/4" = 1'-0"



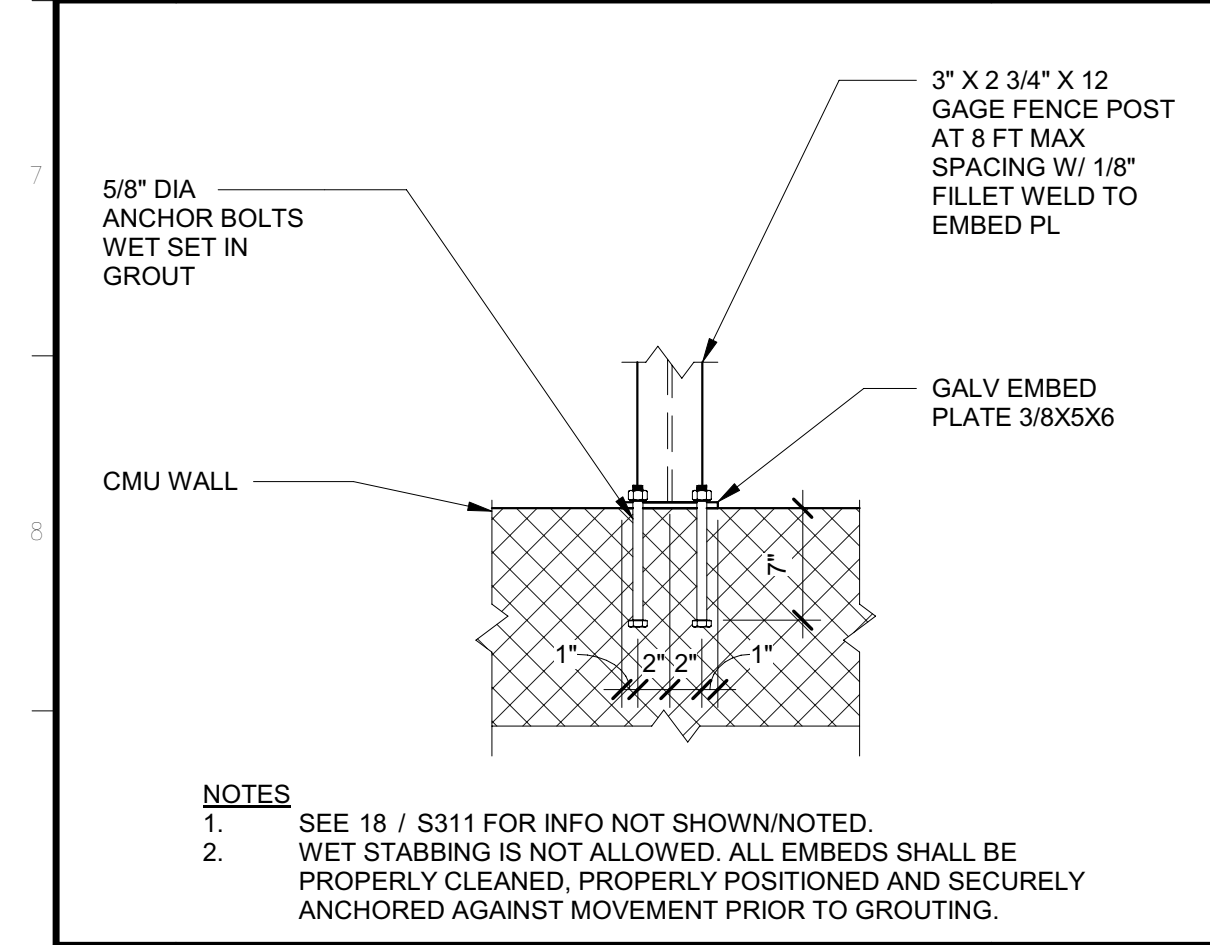
18 PICKET AT T/WALL 1" = 1'-0"



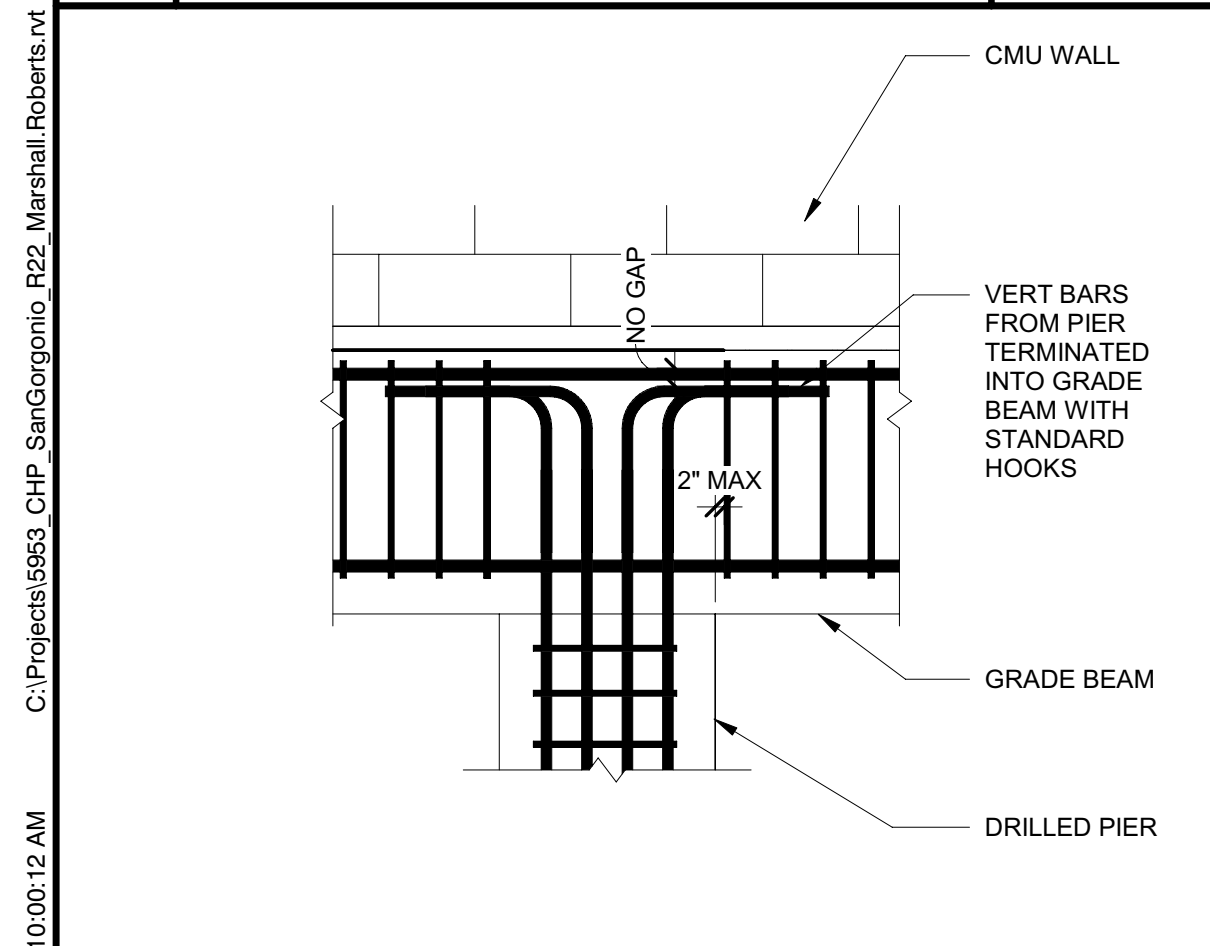
16 WEST END OF SOUTH WALL 3/4" = 1'-0"



8 WEST WALL 3/4" = 1'-0"



19 PICKET EMBED 1" = 1'-0"



20 PIER TO GRADE BEAM 3/4" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
MARSHALL ROBERTS
No. S-6173
Structural
STATE OF CALIFORNIA
5/20/22

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BEAUMONT, CA 92223
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CALIFORNIA HIGHWAY PATROL
Supervisor: J.DIGIORGIO, Designed: M.ROBERTS, Drawn: M.ROBERTS
DSA App No.: 04-120015, SFM Permit No.:

Sheet Title
STRUCTURAL WALL SECTIONS

Project Number
00000000005953

Sheet Scale
Sheet Number
S311

5/19/2022 10:00:12 AM C:\Projects\5953_CHP_SanGorgonio_R22_Marshall.Roberts.rvt

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Issue No.	Date	Description
1	05/06/22	

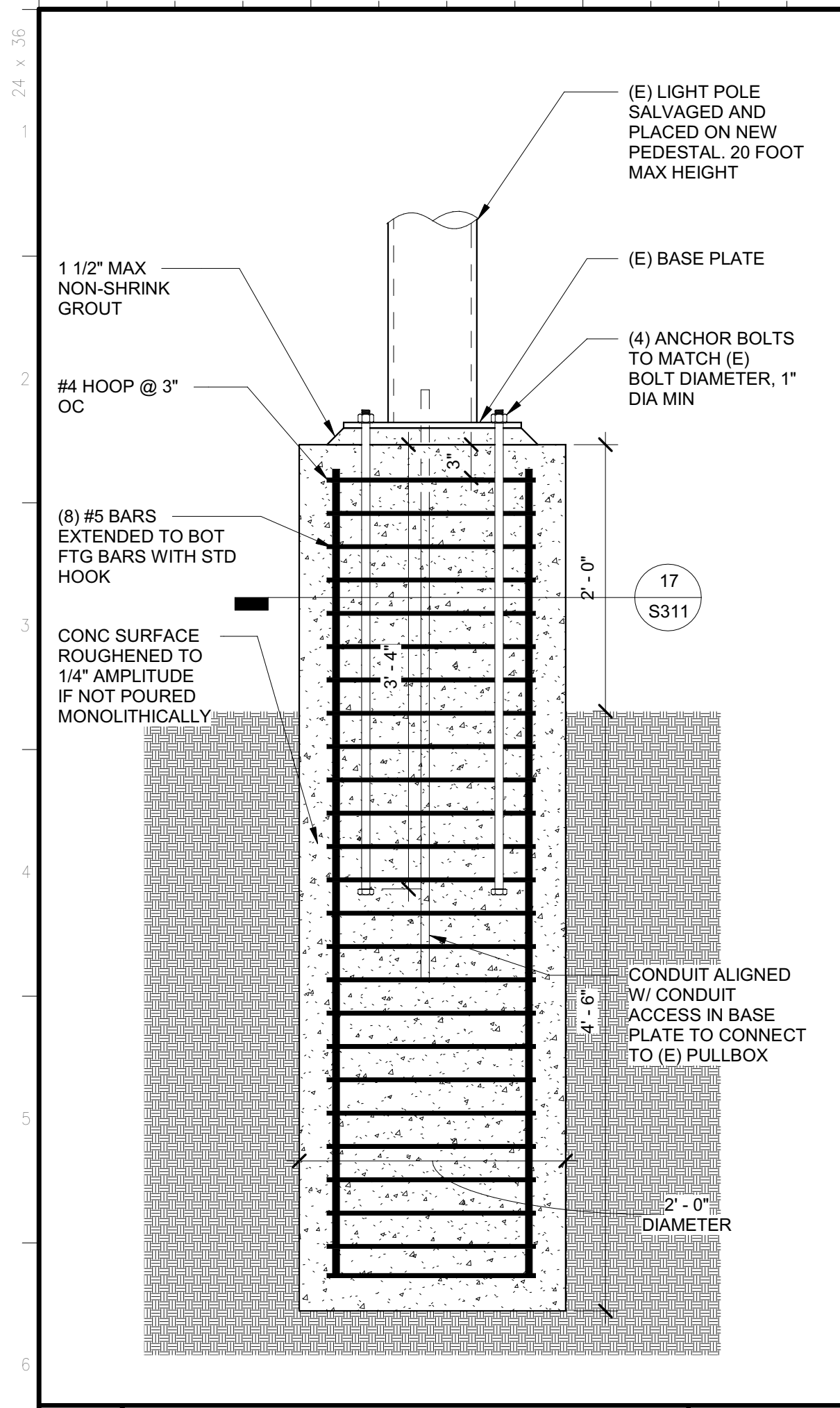
Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVE
 BEAUMONT, CA 92223
 RIVERSIDE COUNTY

CALIFORNIA HIGHWAY PATROL
 Supervisor J.DIGIORGIO
 Designed M.ROBERTS
 Drawn M.ROBERTS
 DSA App No. 04-120015
 SFM Permit No.

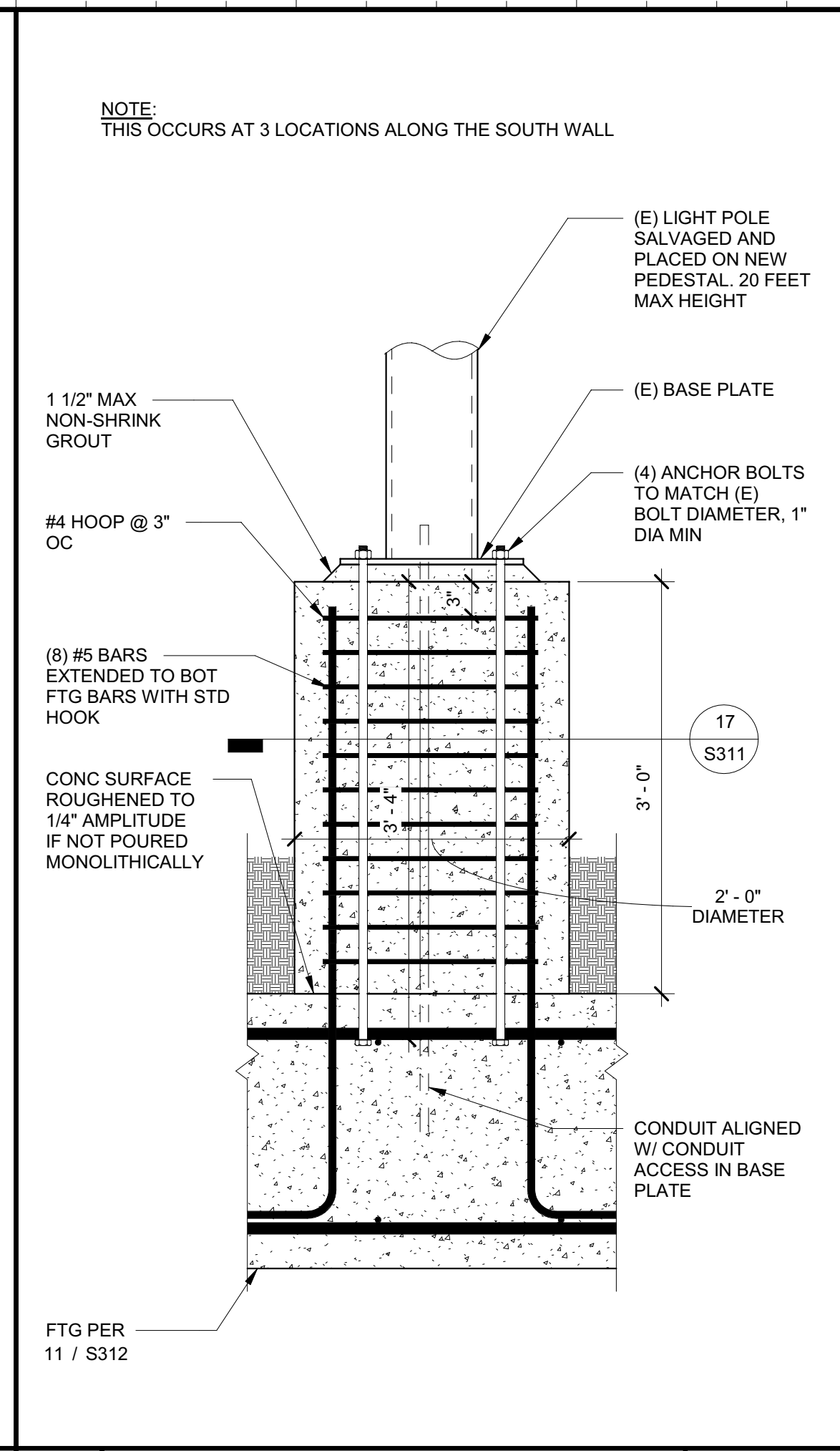
Sheet Title
STRUCTURAL WALL SECTIONS

Project Number
 00000000005953

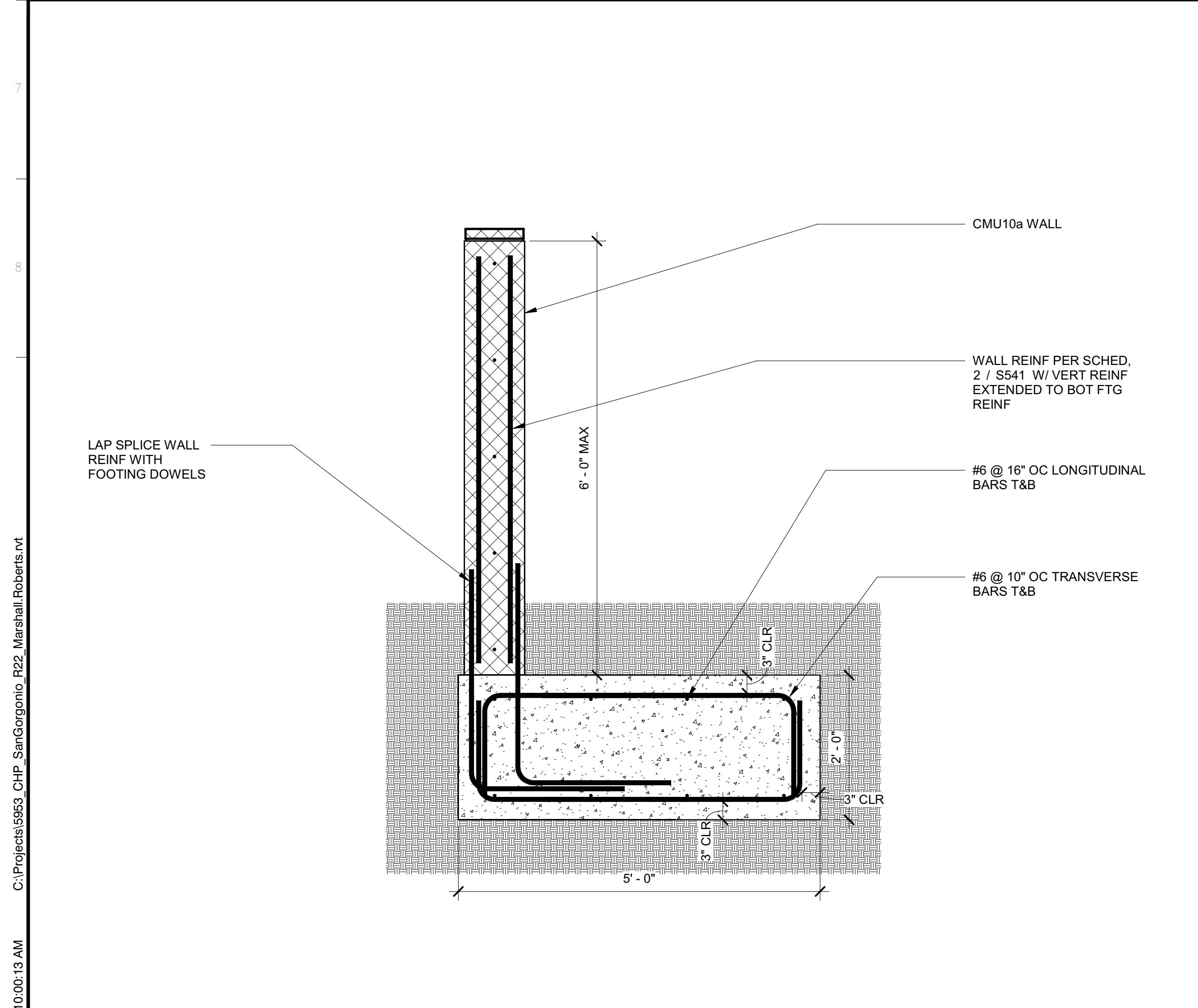
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S312



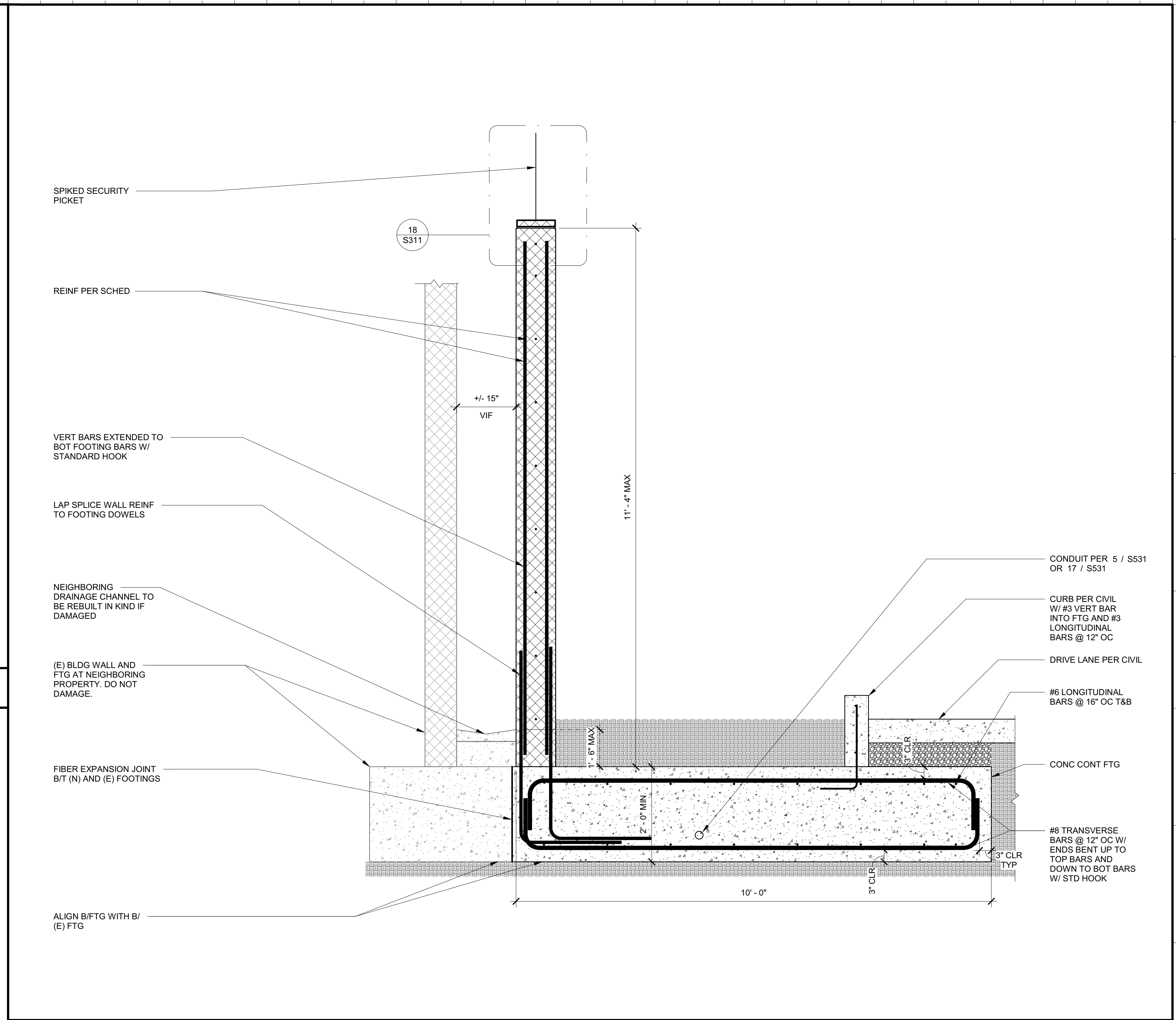
17 LIGHT POLE 1" = 1'-0"



14 LIGHT POLE AT FOOTING 1" = 1'-0"



20 WALL AT SOUTH DRIVEWAY 3/4" = 1'-0"



11 SOUTH WALL 3/4" = 1'-0"

5/19/2022 10:00:13 AM C:\Projects\5863_CHP_SanGorgonio_R22_Marshall_Roberts.rvt

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120015 INC:
 REVIEWED FOR
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 DATE: 05/31/2022

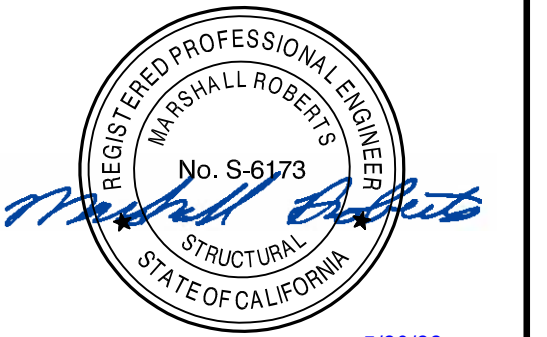
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DGS
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 West Sacramento, California 95605



5/20/22

Issue		
No.	Date	Description
1	05/06/22	

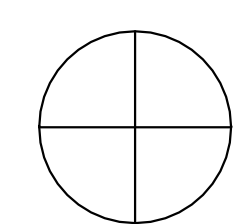
Project
SAN GORGONIO PASS PERIMETER FENCE
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CALIFORNIA HIGHWAY PATROL

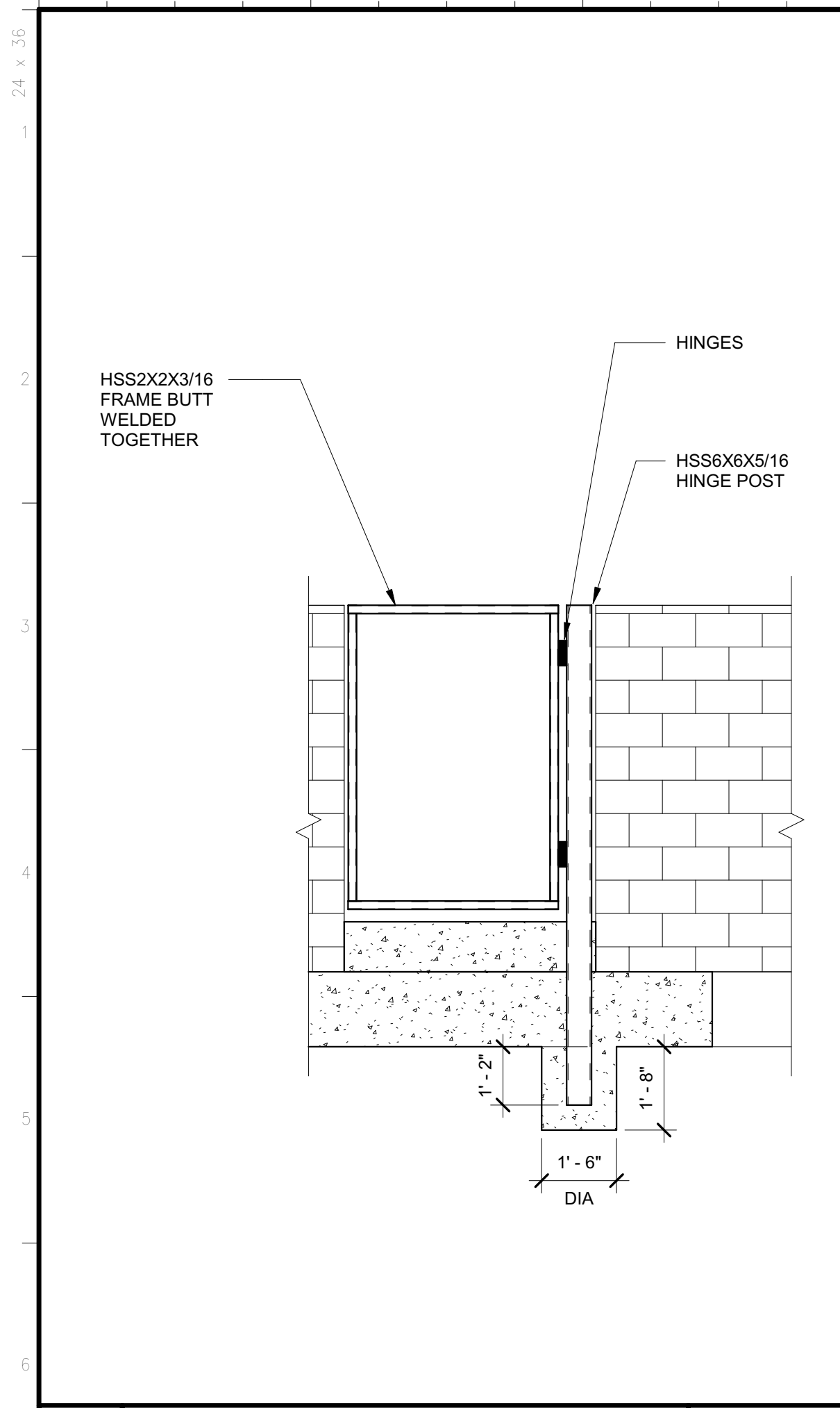
Supervisor J.DIGIORGIO	Designed M.ROBERTS	Drawn M.ROBERTS
DSA App No. 04-120015	SFM Permit No.	

Sheet Title
STRUCTURAL WALL SECTIONS

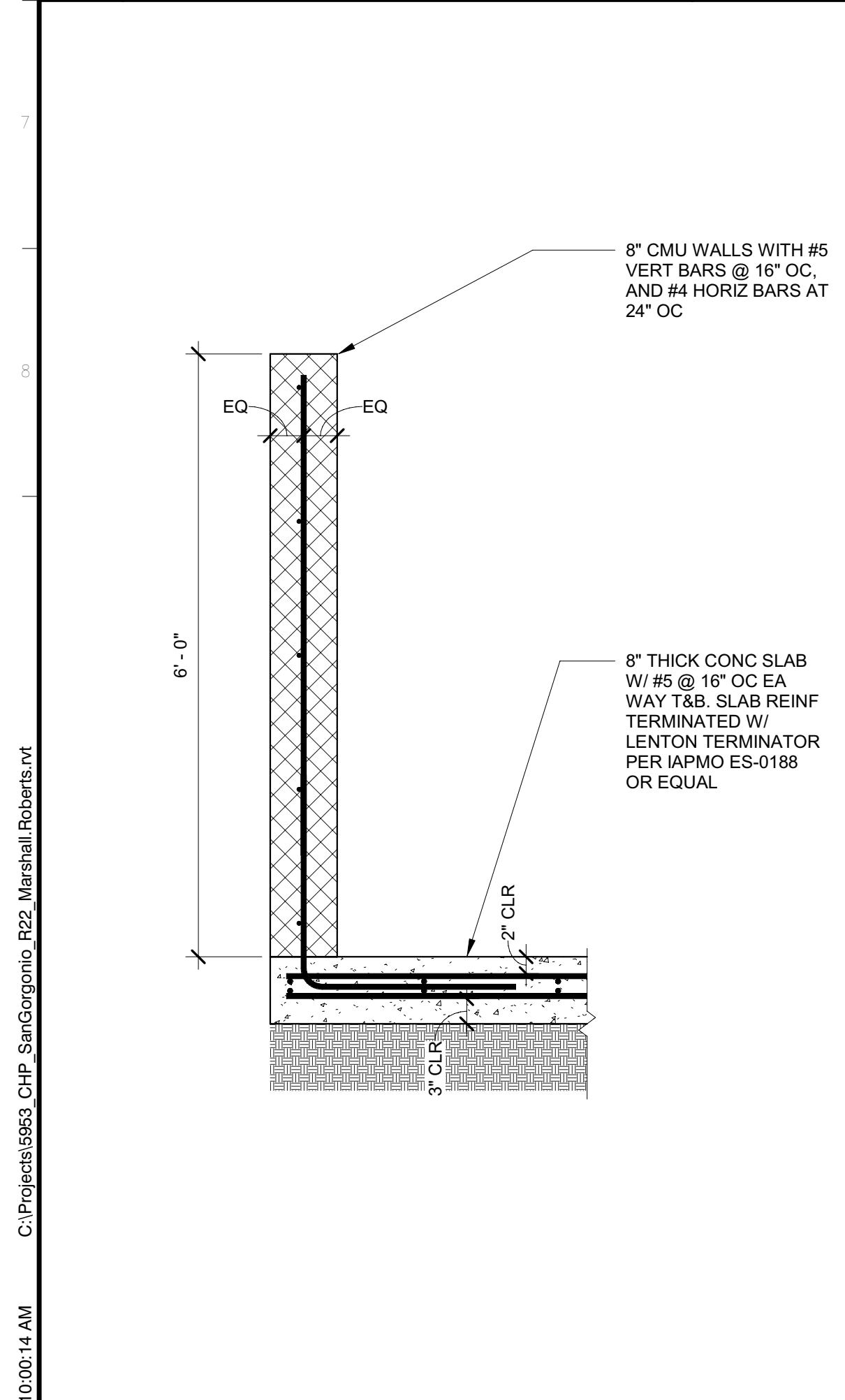
Project Number
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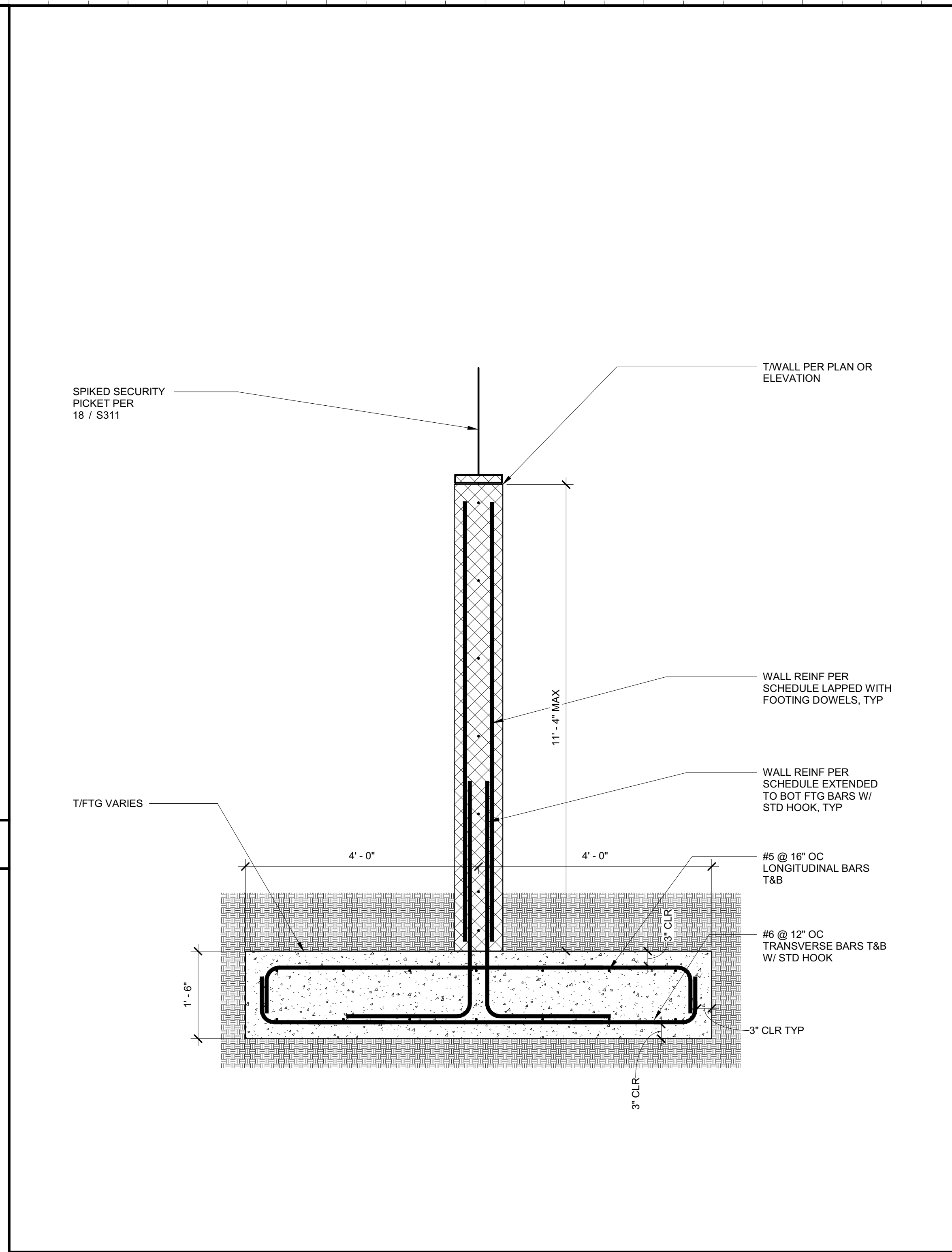
Sheet Scale
 Sheet Number
S313



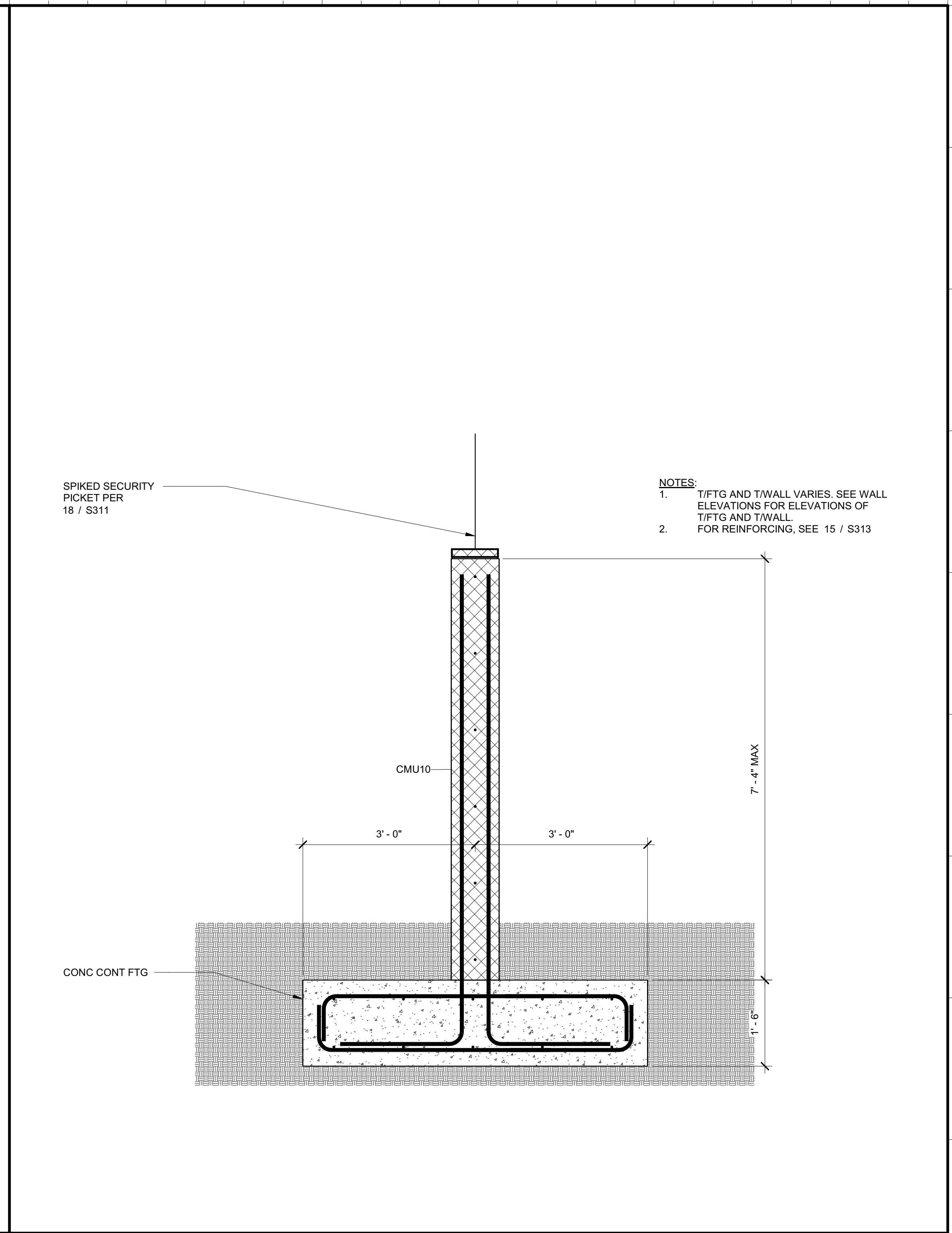
18 NORTH GATE 3/8" = 1'-0"



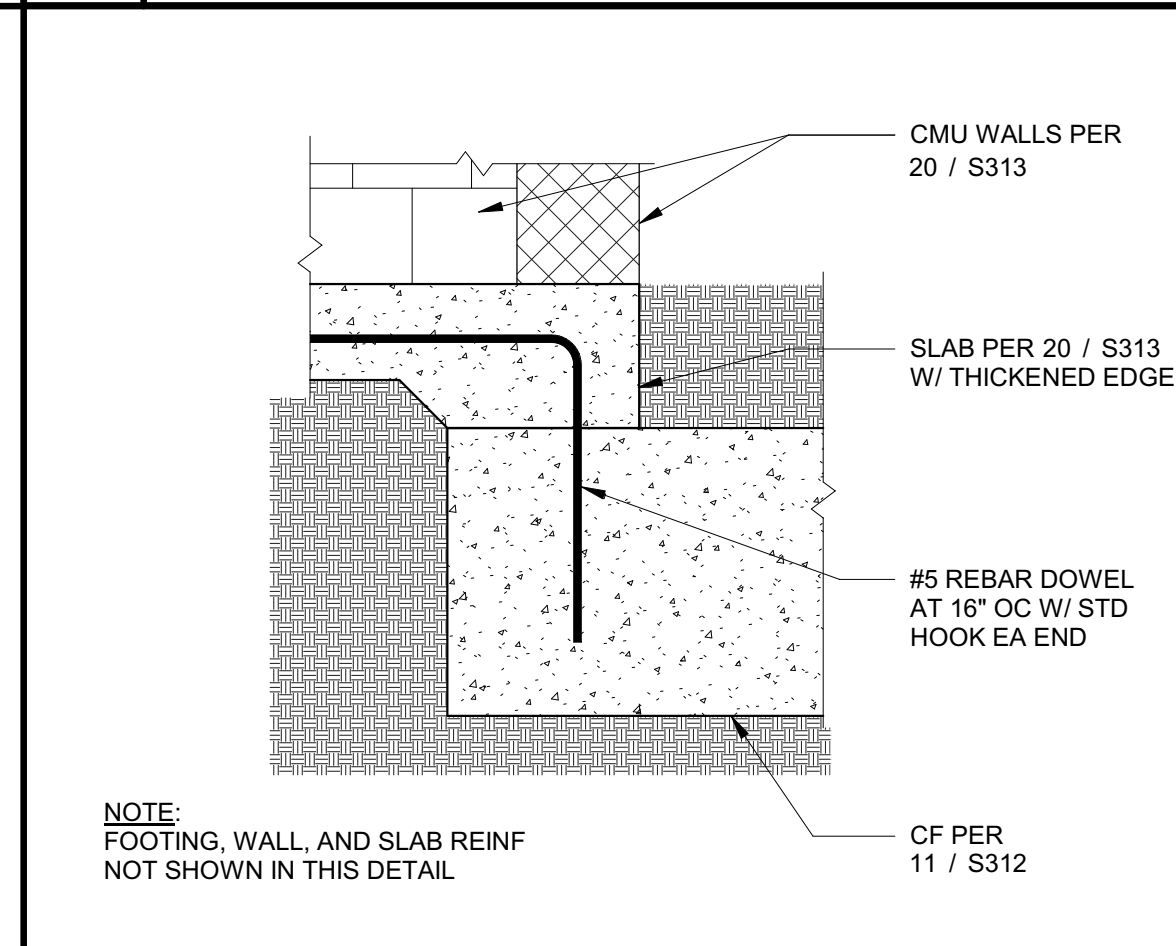
20 TRASH ENCLOSURE 3/4" = 1'-0"



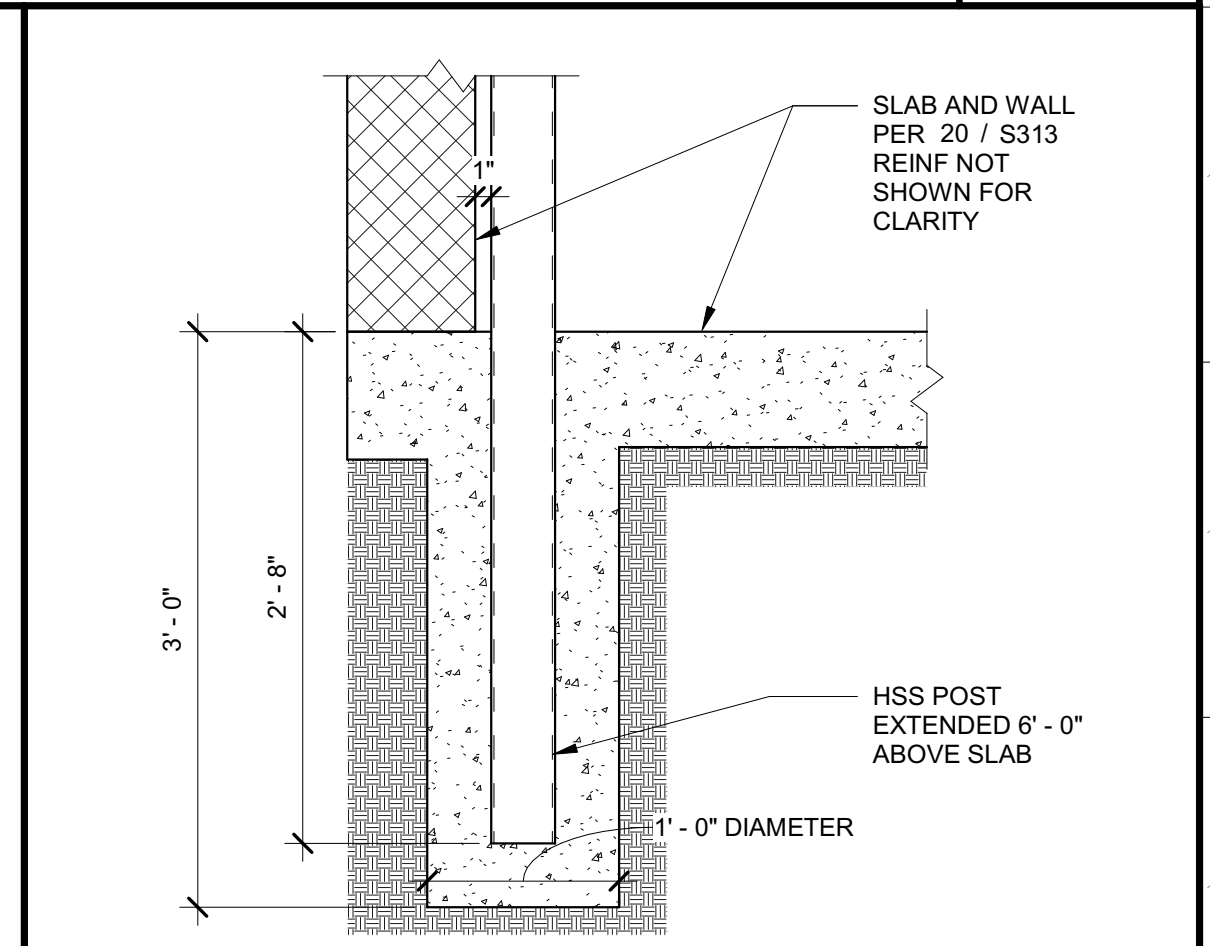
15 EAST WALL AND WEST END OF NORTH WALL 3/4" = 1'-0"



7 NORTH WALL 3/4" = 1'-0"



8 TRASH ENCLOSURE 3/4" = 1'-0"



4 GATE POST 1" = 1'-0"

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120015 INC:
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5/20/22

No.	Date	Description
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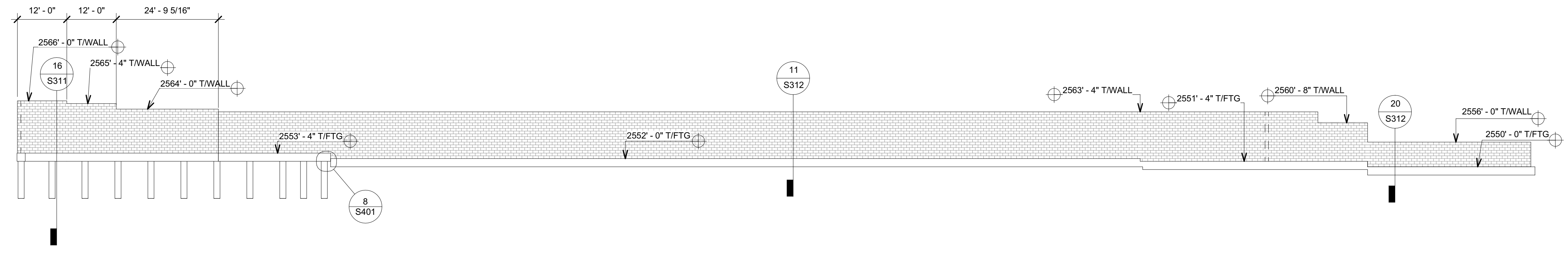
Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVE
 BEAUMONT, CA 92223
 RIVERSIDE COUNTY

CALIFORNIA HIGHWAY PATROL
 Supervisor J.DIGIORGIO, Designed M.ROBERTS, Drawn M.ROBERTS
 DSA App No. 04-120015, SFM Permit No.

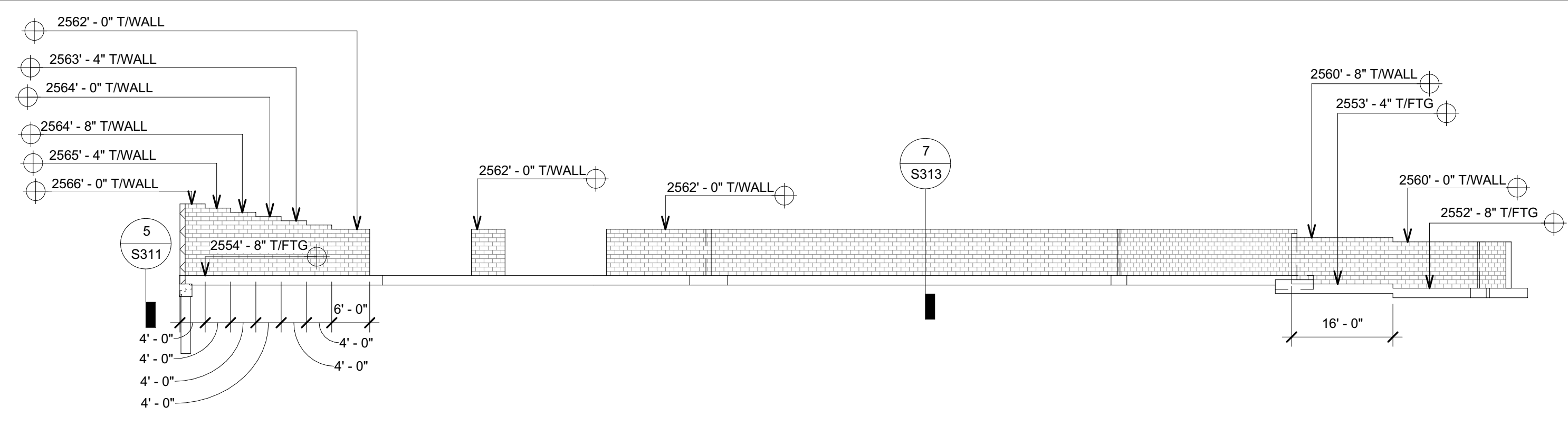
Sheet Title
WALL ELEVATIONS

Project Number
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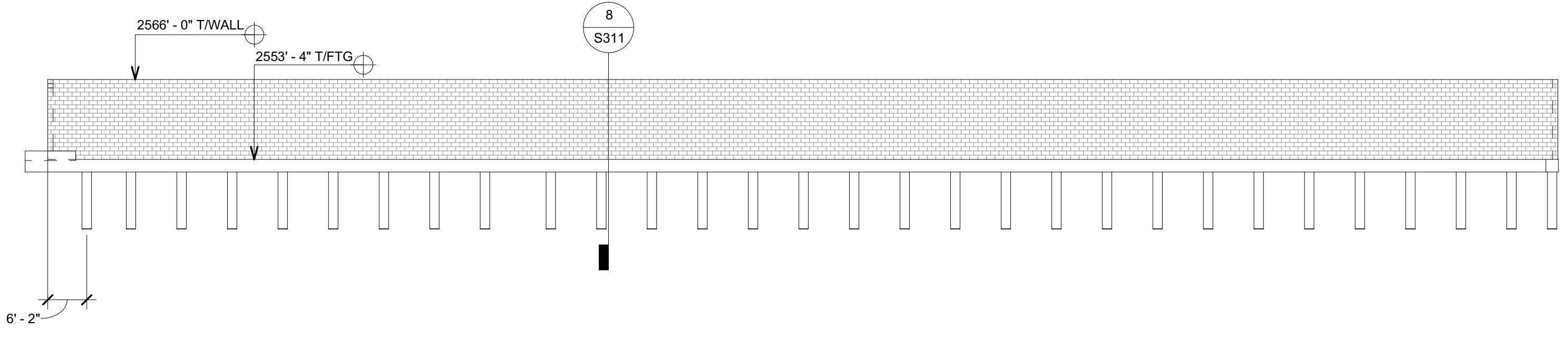
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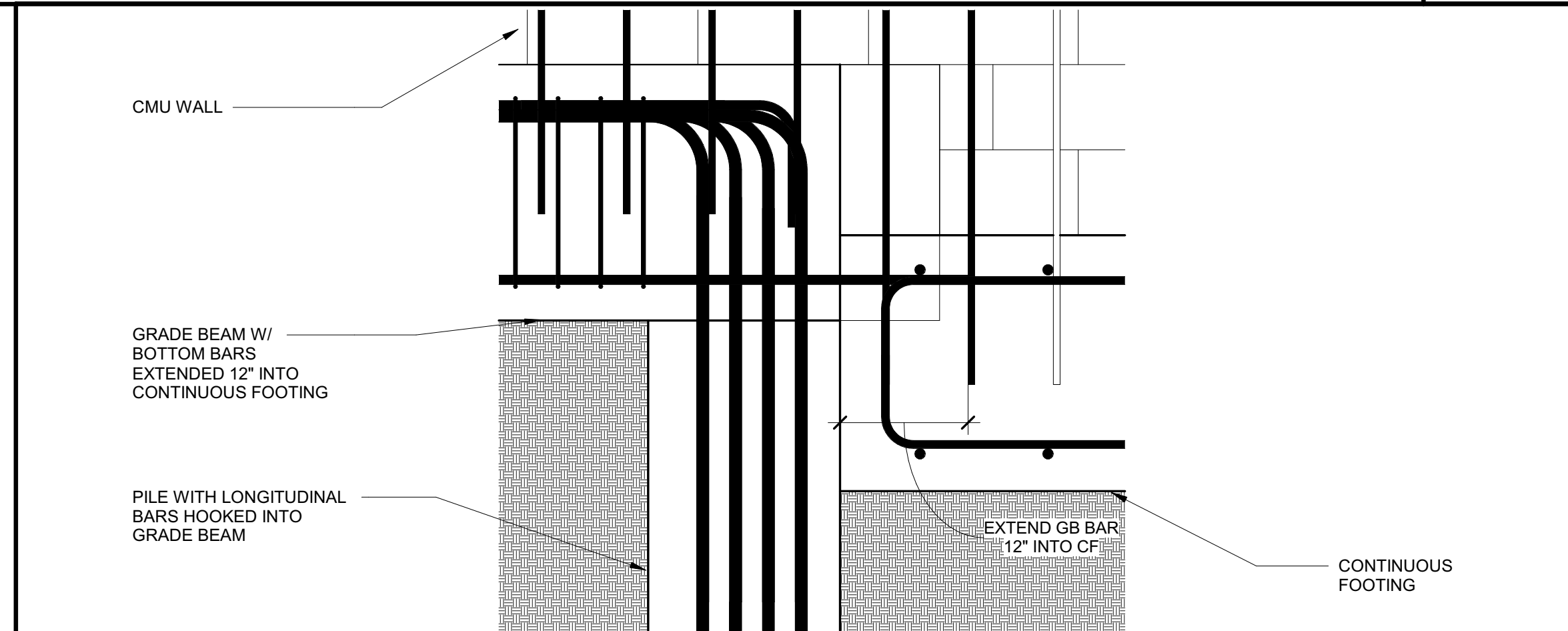
13 SOUTH WALL ELEVATION 1/16" = 1'-0"



10 NORTH WALL ELEVATION 1/16" = 1'-0"



11 WEST WALL ELEVATION 1/16" = 1'-0"



8 SOUTH WALL ELEVATION - Callout 1 1" = 1'-0"

5/19/2022 10:00:15 AM C:\Projects\5683_CHP_SanGorgonio_R22_Marshall_Roberts.rvt

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06/28/22
 21-0771
 FIRE
 SINCE 1988
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DGS
 GENERAL SERVICES

Department of General Services
 Architecture & Engineering Sections
 State of California
 Real Estate Services Division
 Project Management & Development Branch
 707 Third Street, Suite 4-105
 West Sacramento, California 95605

REGISTERED PROFESSIONAL ENGINEER
 M. ROBERTS
 No. S-6173
 STRUCTURAL
 STATE OF CALIFORNIA
 5/20/22

Issue No.	Date	Description
1	05/06/22	

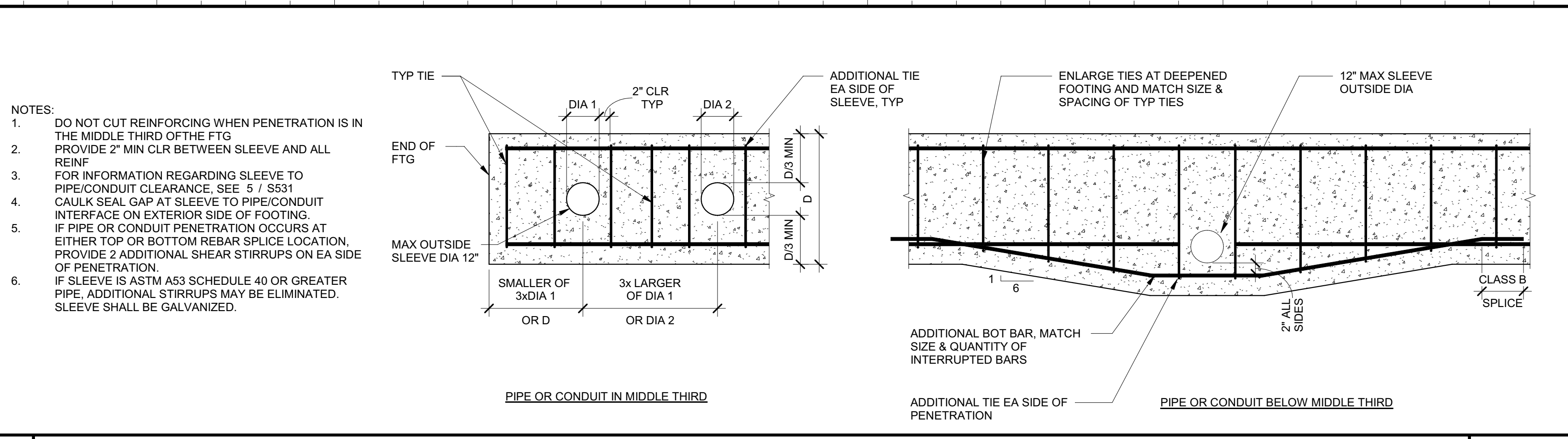
Project
SAN GORGONIO PASS PERIMETER FENCE
 195 HIGHLAND SPRINGS AVE
 BEAUMONT, CA 92223
 RIVERSIDE COUNTY

CALIFORNIA HIGHWAY PATROL
 Supervisor J.DIGIORGIO
 Designer M.ROBERTS
 Drawn M.ROBERTS
 DSA App No. 04-120015
 SFM Permit No.

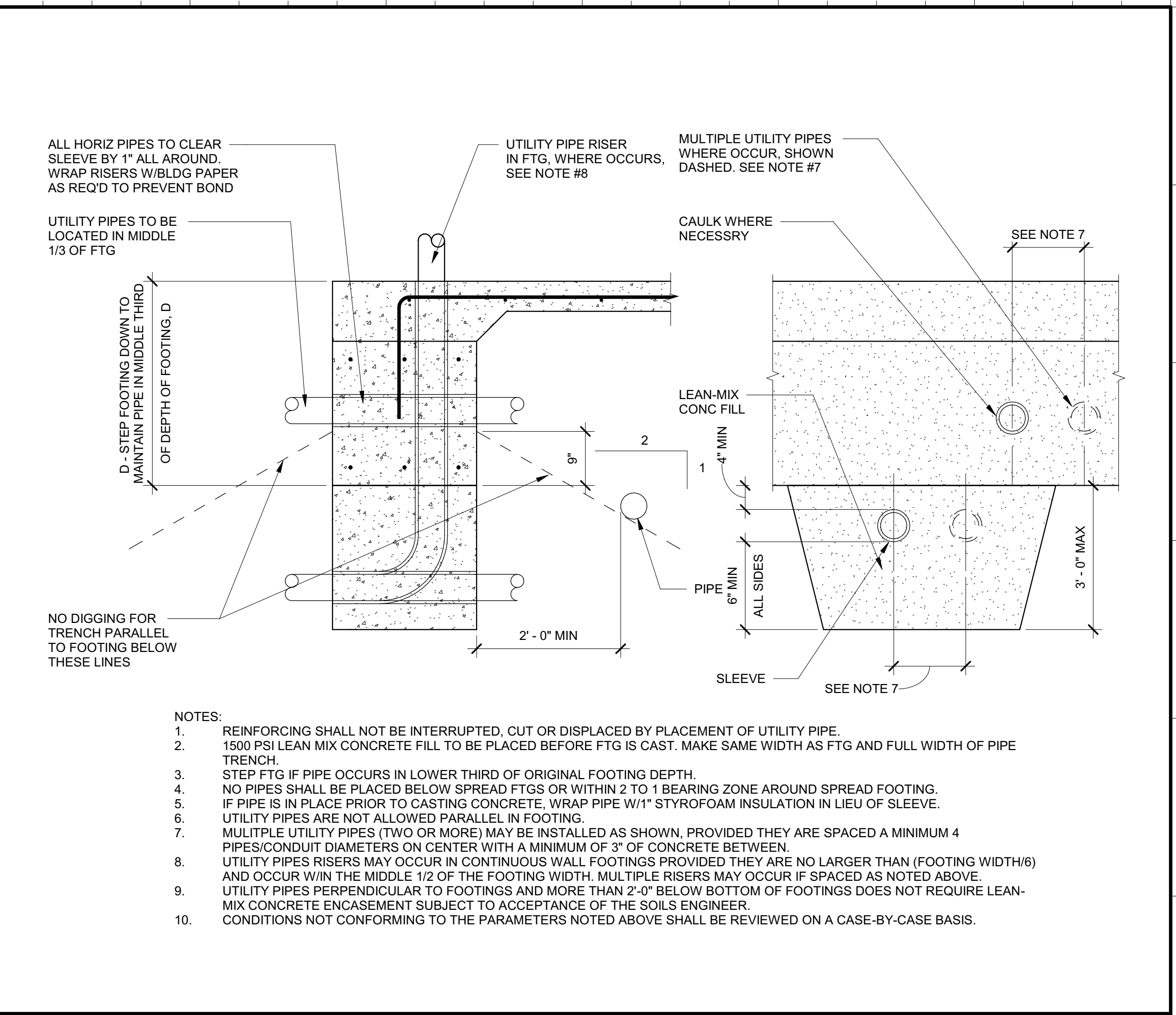
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CONCRETE TYPICAL DETAILS

Project Number
 000000000005953

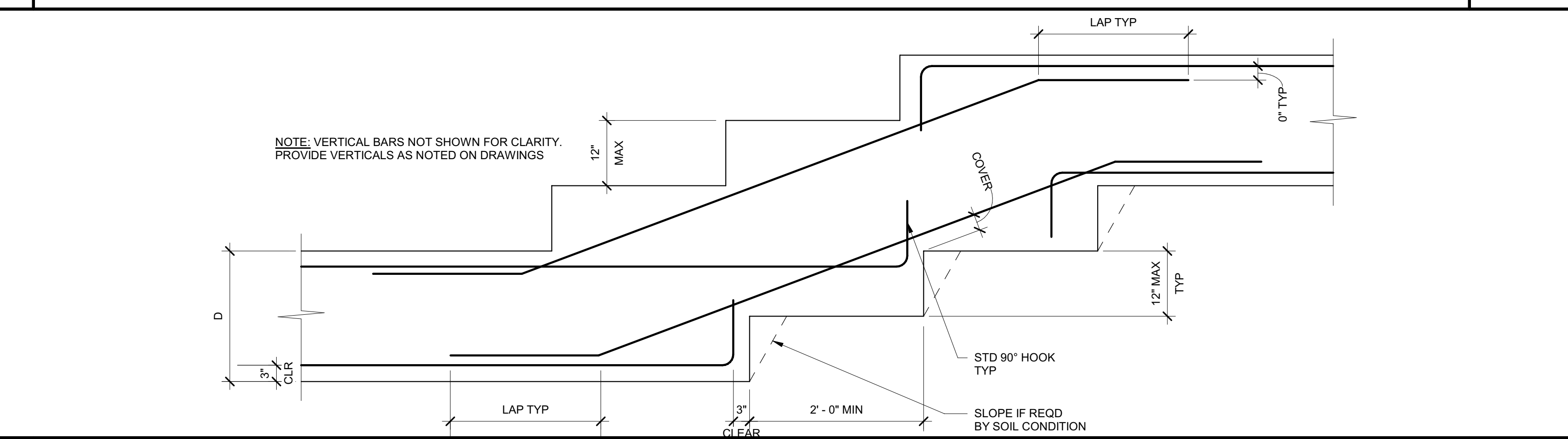
Sheet Scale
 Sheet Number
S531



17 MEP PENETRATIONS IN CONTINUOUS FOOTINGS NOT TO SCALE



5 CONCRETE FOOTING AT UTILITY PIPES NOT TO SCALE

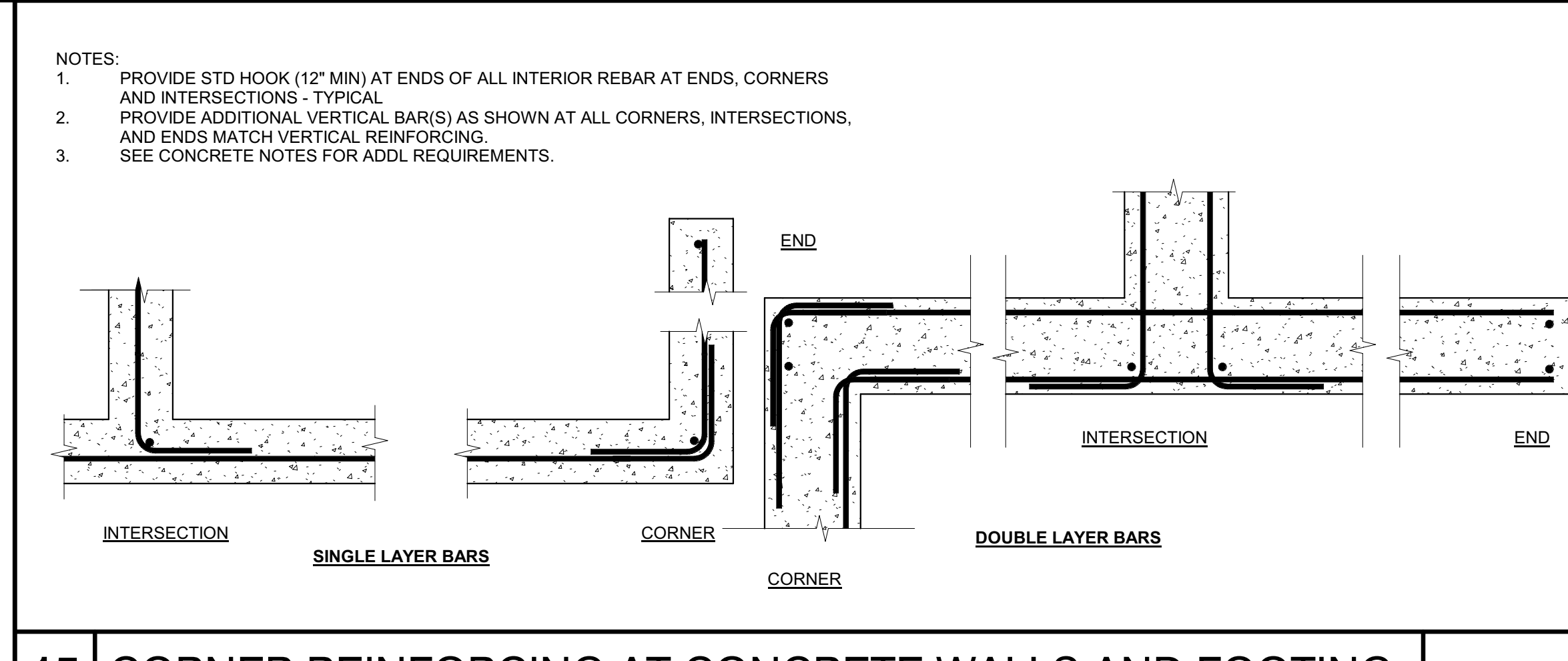


18 STEP IN CONTINUOUS FOOTING NOT TO SCALE

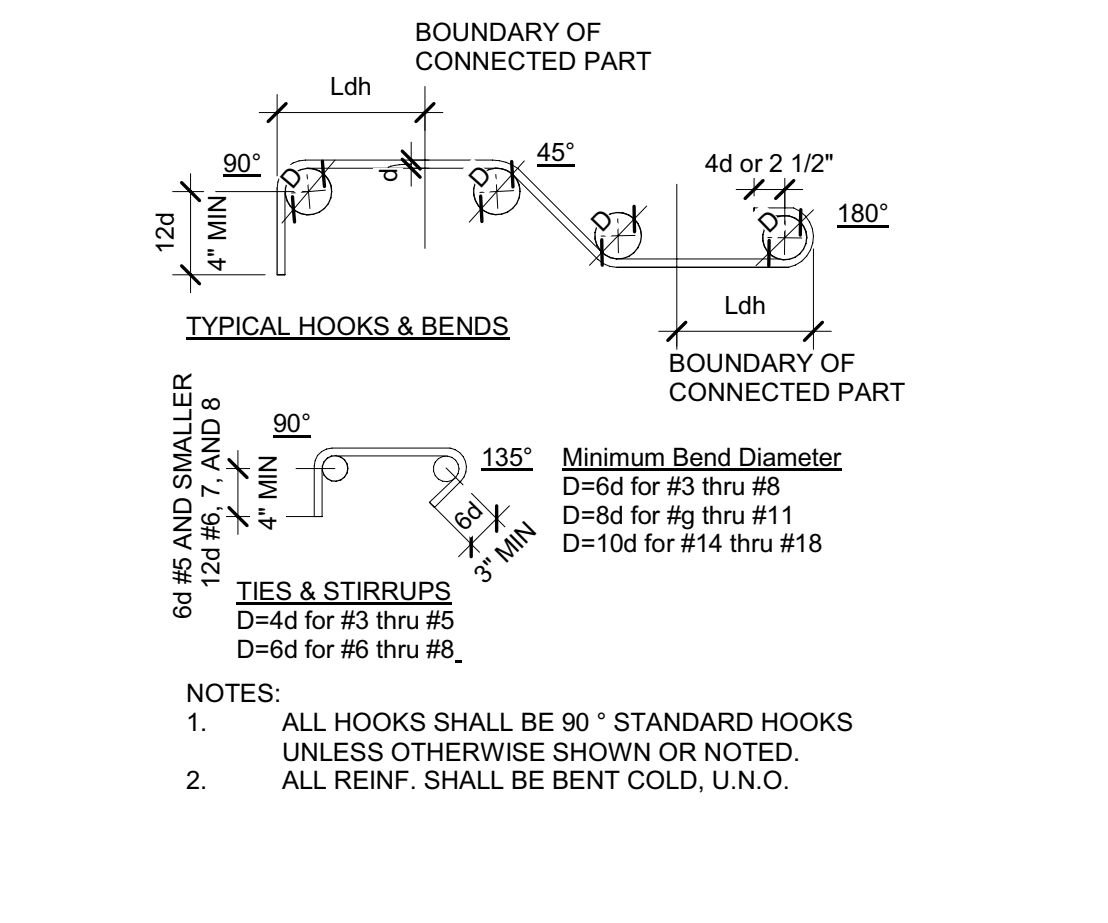
BAR SIZE	CONCRETE STRENGTH		
	f _c = 3000 PSI	f _c = 4000 PSI	f _c = 5000 PSI
#3	0'-8"	0'-7"	0'-6"
#4	0'-11"	0'-9"	0'-9"
#5	1'-2"	1'-0"	0'-11"
#6	1'-4"	1'-2"	1'-2"
#7	1'-7"	1'-5"	1'-3"
#8	1'-10"	1'-7"	1'-3"
#9	2'-1"	1'-9"	1'-7"
#10	2'-3"	2'-0"	1'-10"
#11	2'-6"	2'-2"	2'-0"

REBAR HOOKED DEVELOPMENT LENGTH, L_{dh}

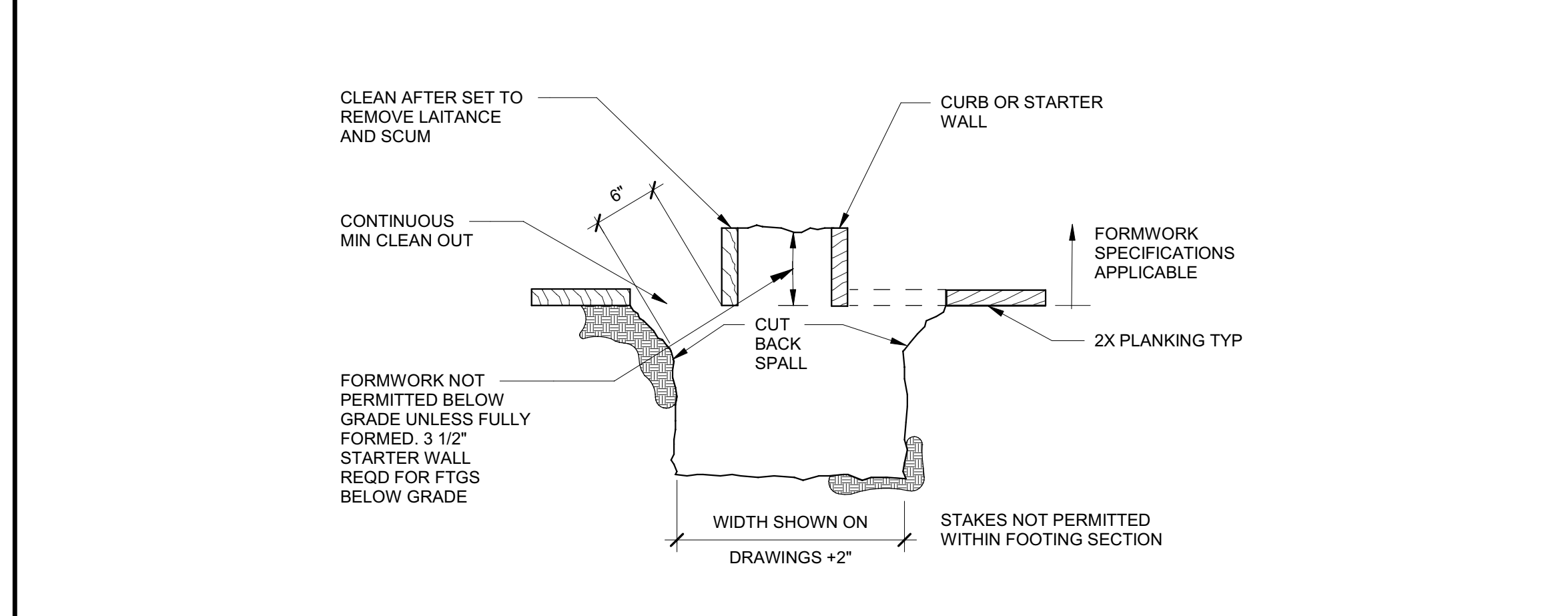
Add l_{dh} for straight development



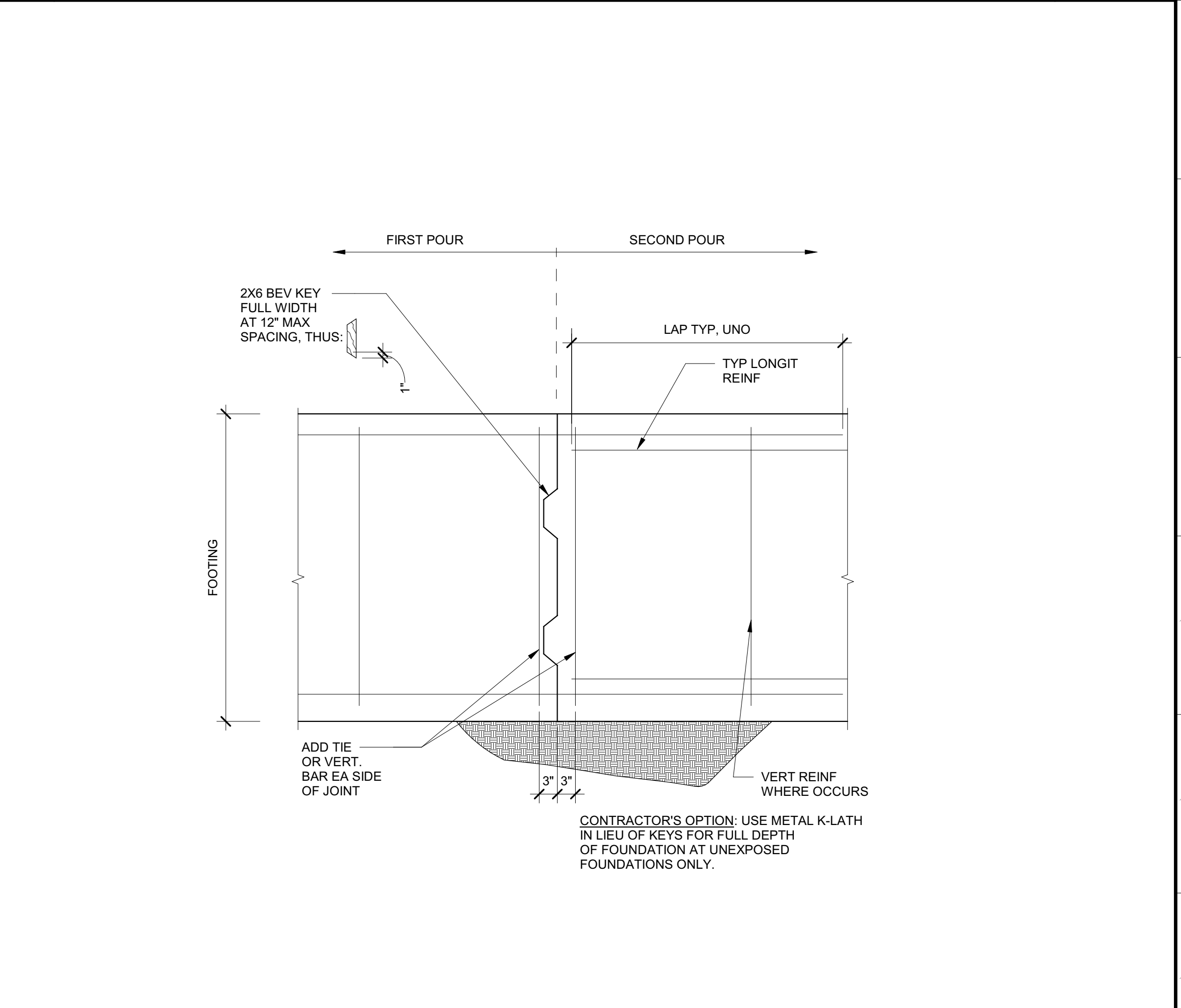
15 CORNER REINFORCING AT CONCRETE WALLS AND FOOTING NOT TO SCALE



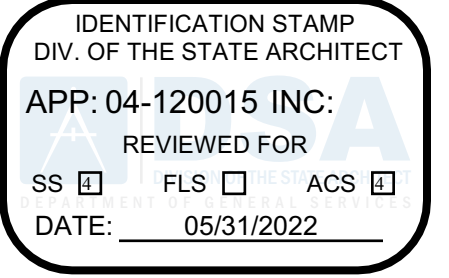
20 STD HOOKS AND BENDS NOT TO SCALE



16 MANDATORY MINIMUM FORMWORK NOT TO SCALE



8 FOUNDATION CONSTRUCTION JOINT NOT TO SCALE



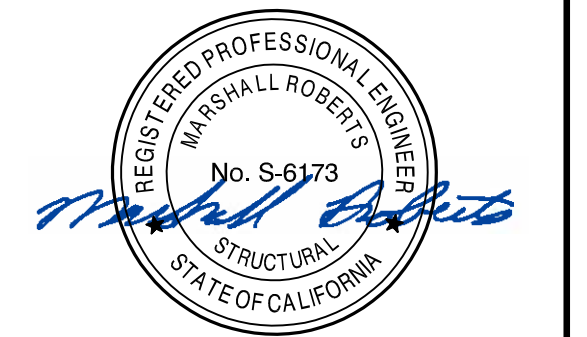
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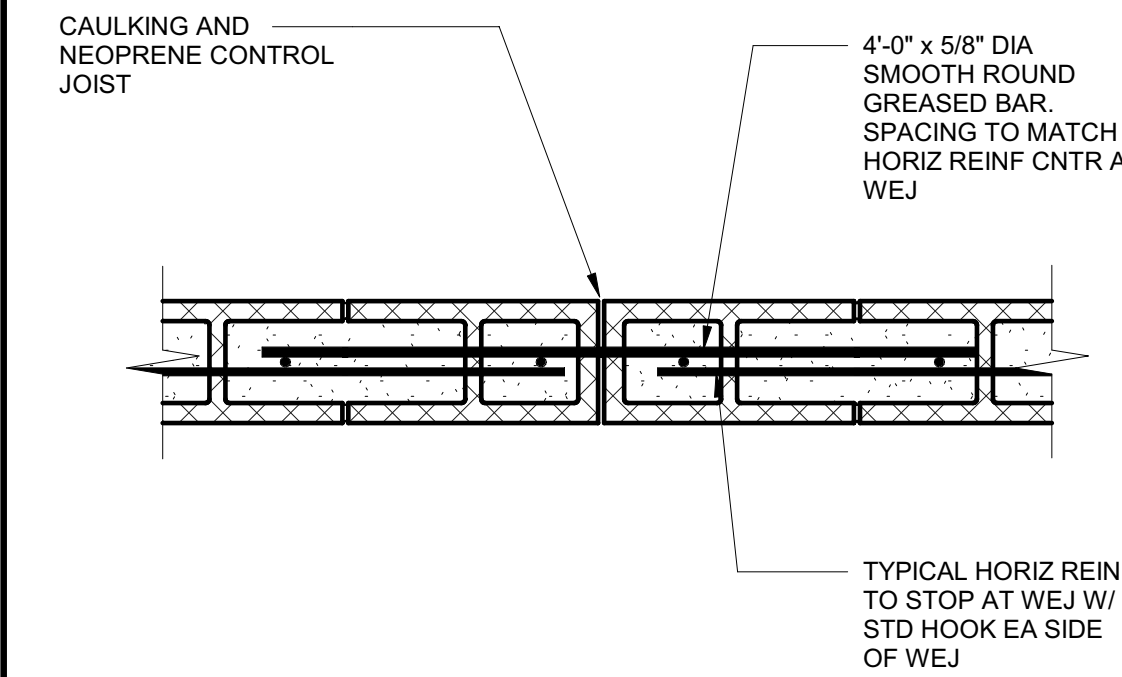
CALIFORNIA HIGHWAY PATROL

Supervisor J.DIGIORGIO	Designed M.ROBERTS	Drawn M.ROBERTS
DSA App No. 04-120015	SFM Permit No.	

Sheet Title
CMU TYPICAL DETAILS

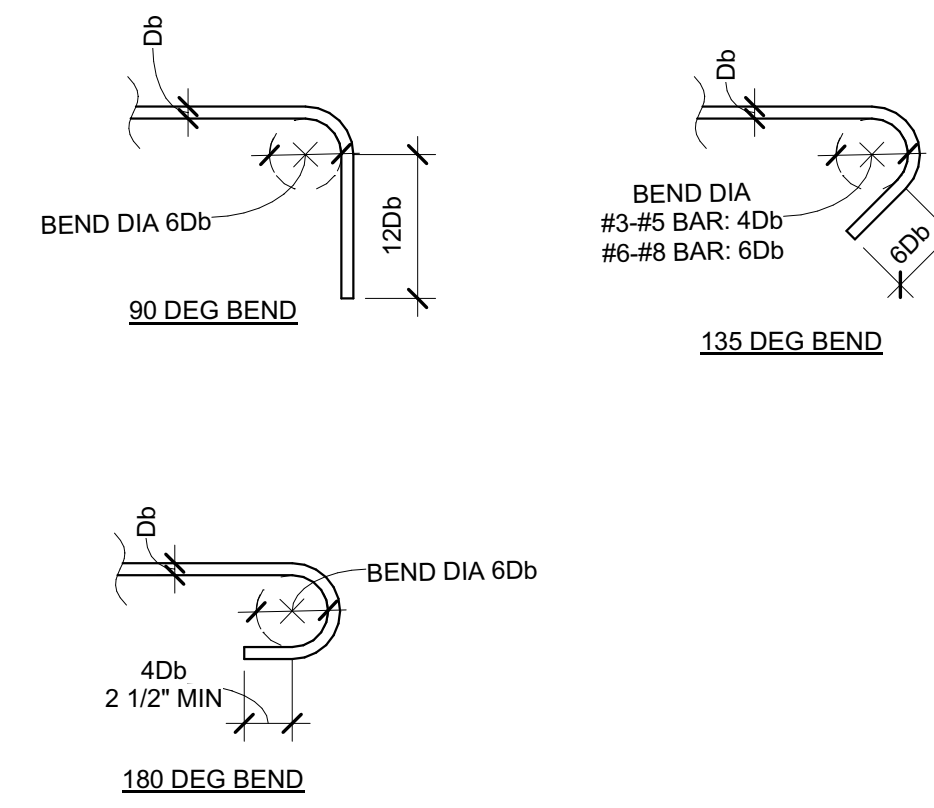
Project Number
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Sheet Scale 	Sheet Number S541
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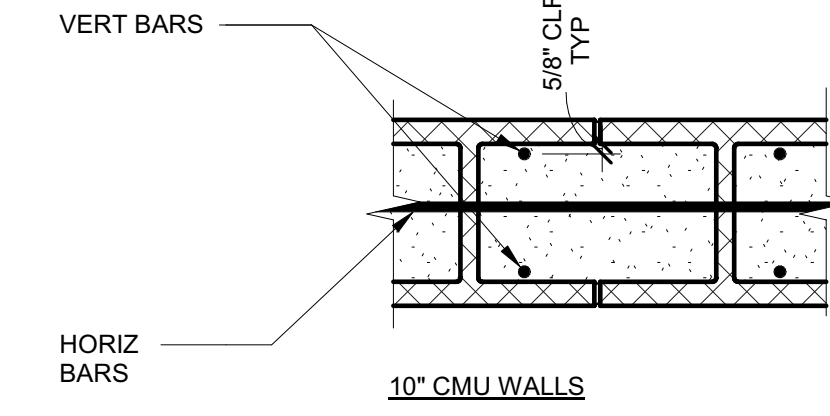


- NOTE:
- DO NOT SPLICE TOP ROW OF BARS WITHIN 4'-0" OF EXPANSION JOINT.
 - DO NOT PLACE WEJ WITHIN 2'-0" OF ANY DOOR OR WINDOW OPENINGS.
 - EXPANSION JOINT SPACING WALL HEIGHT x 1.5 OR 25'-0 OC MAX. NO JOINT REQD AT WALLS LESS THAN 25'-0" IN LENGTH UNO.
 - TOP ROW OF BARS CONTINUOUS THRU JOINT TYP UNO.

5 WALL EXPANSION JOINT NOT TO SCALE



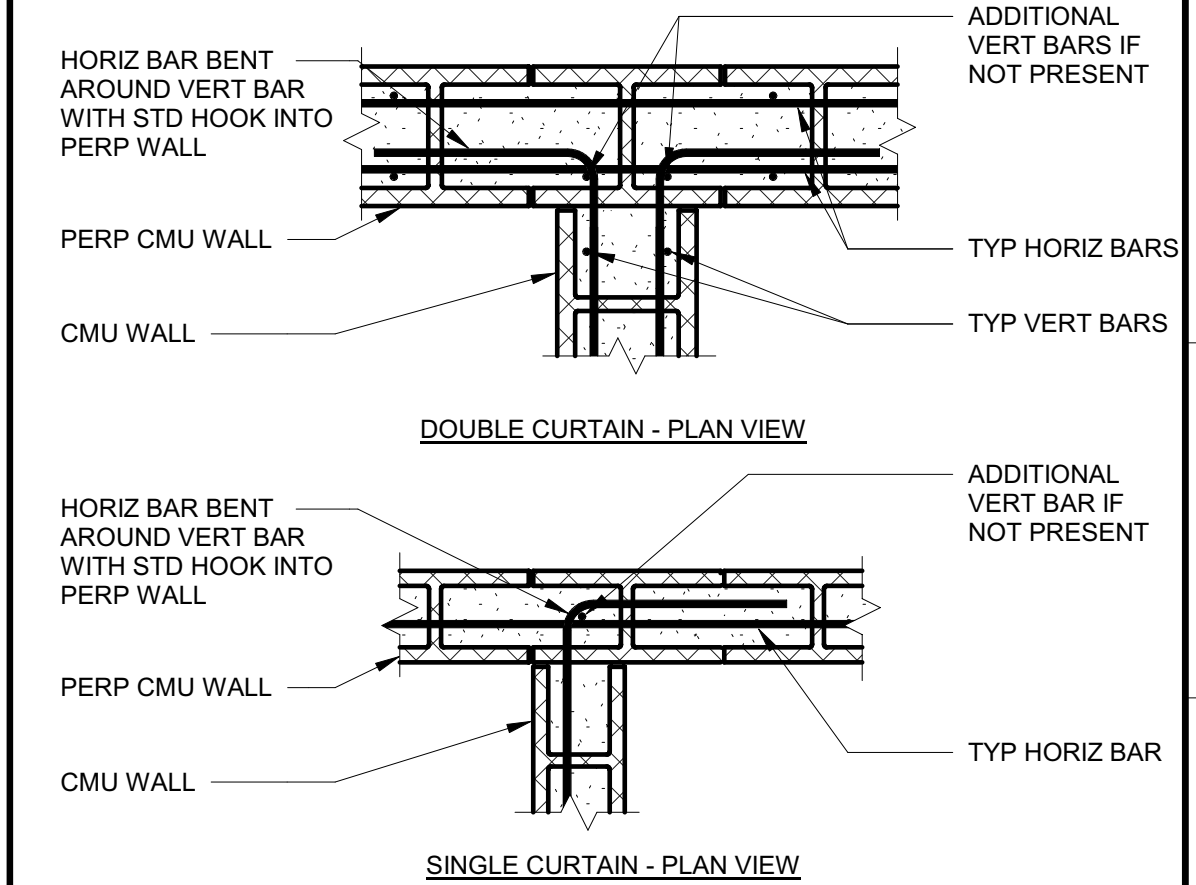
6 REBAR HOOKS AND TIES NOT TO SCALE



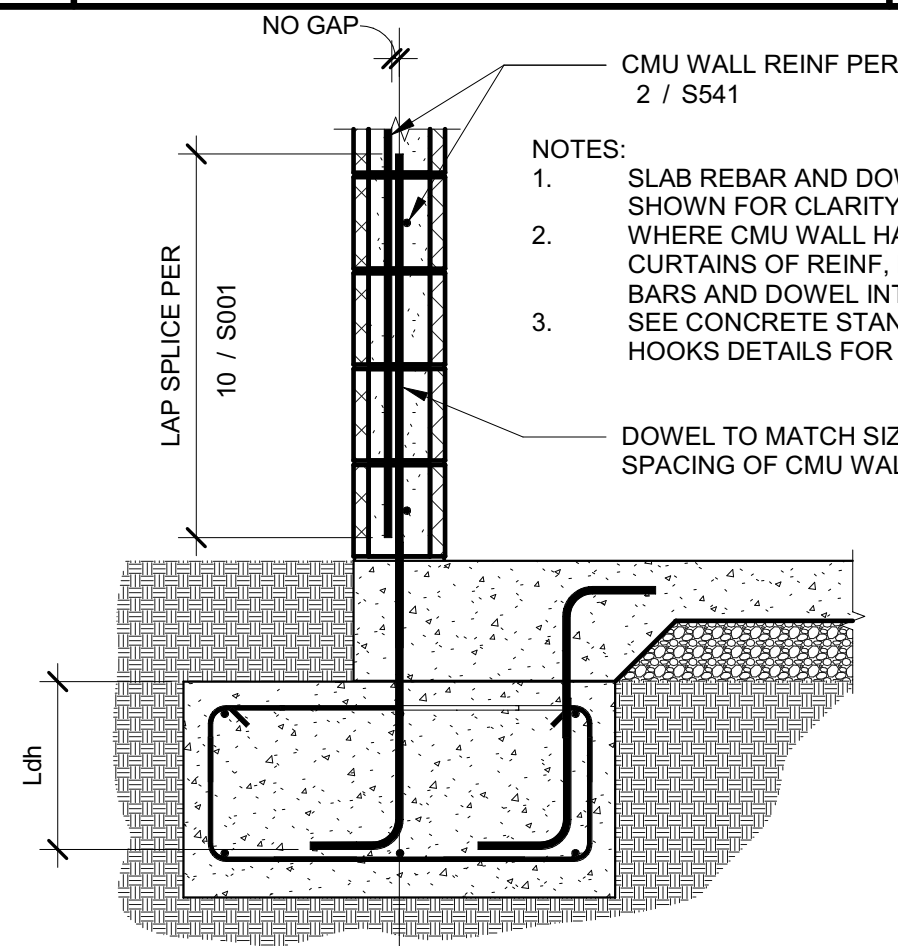
CMU WALL SCHEDULE			
MARK	NOMINAL BLOCK THICKNESS	VERT BARS EA FACE	HORIZ BARS
CMU10a	10"	#5 @ 16" OC	#4 @ 16" OC
CMU10	10"	#6 @ 8" OC	#4 @ 16" OC

- NOTES:
- FOOTING DOWELS REQUIRED TO MATCH ALL VERTICAL REINFORCING.
 - REINFORCING SHOWN IS TYPICAL U.N.O ON PLAN OR IN SECTION.
 - ALL CELLS ARE GROUTED SOLID.

2 WALL REINFORCING NOT TO SCALE



11 WALL INTERSECTIONS NOT TO SCALE



20 CF AT CMU WALL NOT TO SCALE