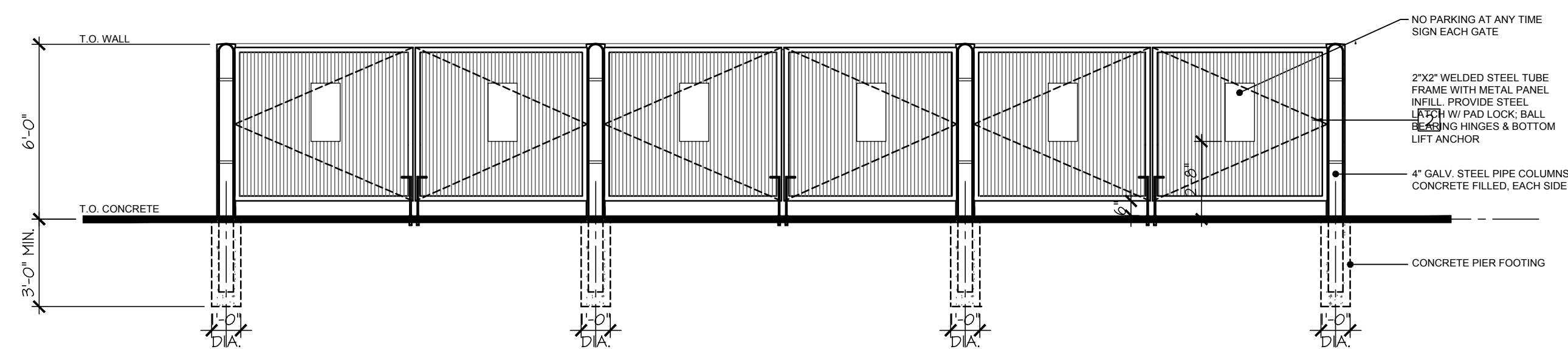
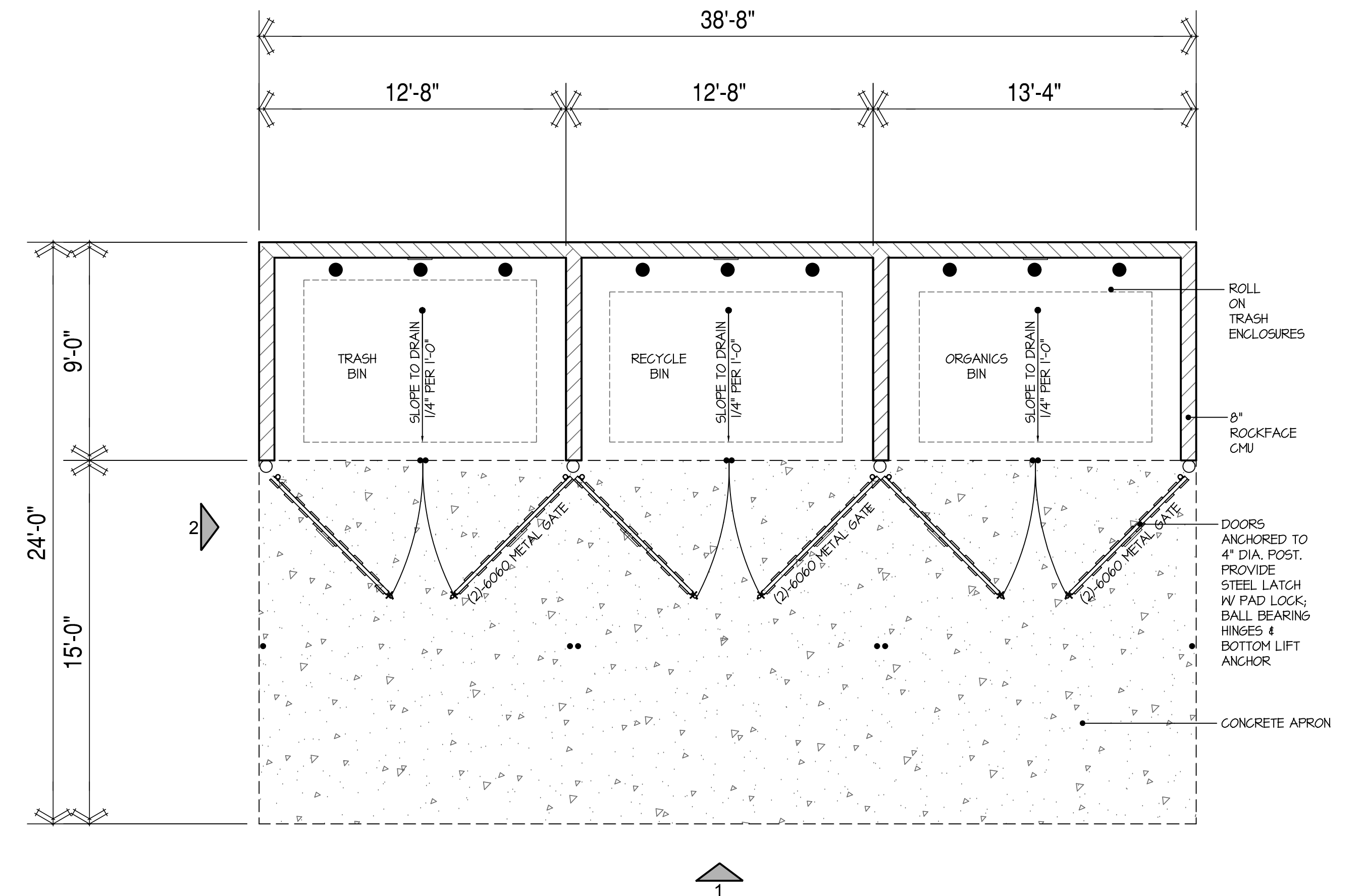


Side Elevation - 2

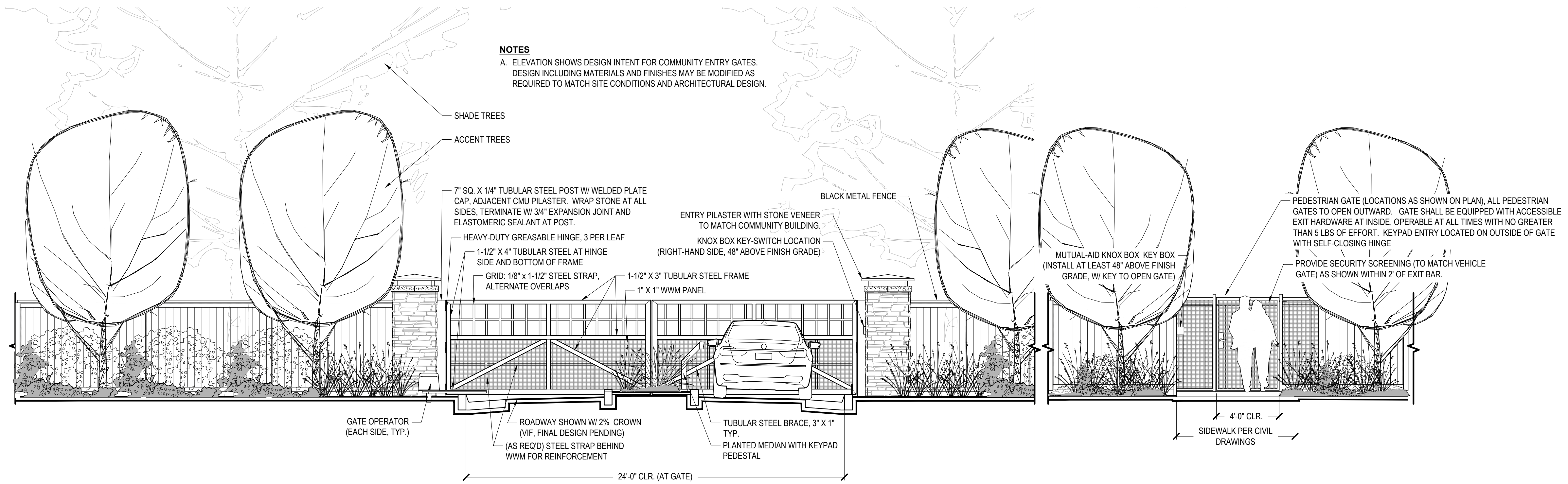


Front Elevation - 1



Floor Plan

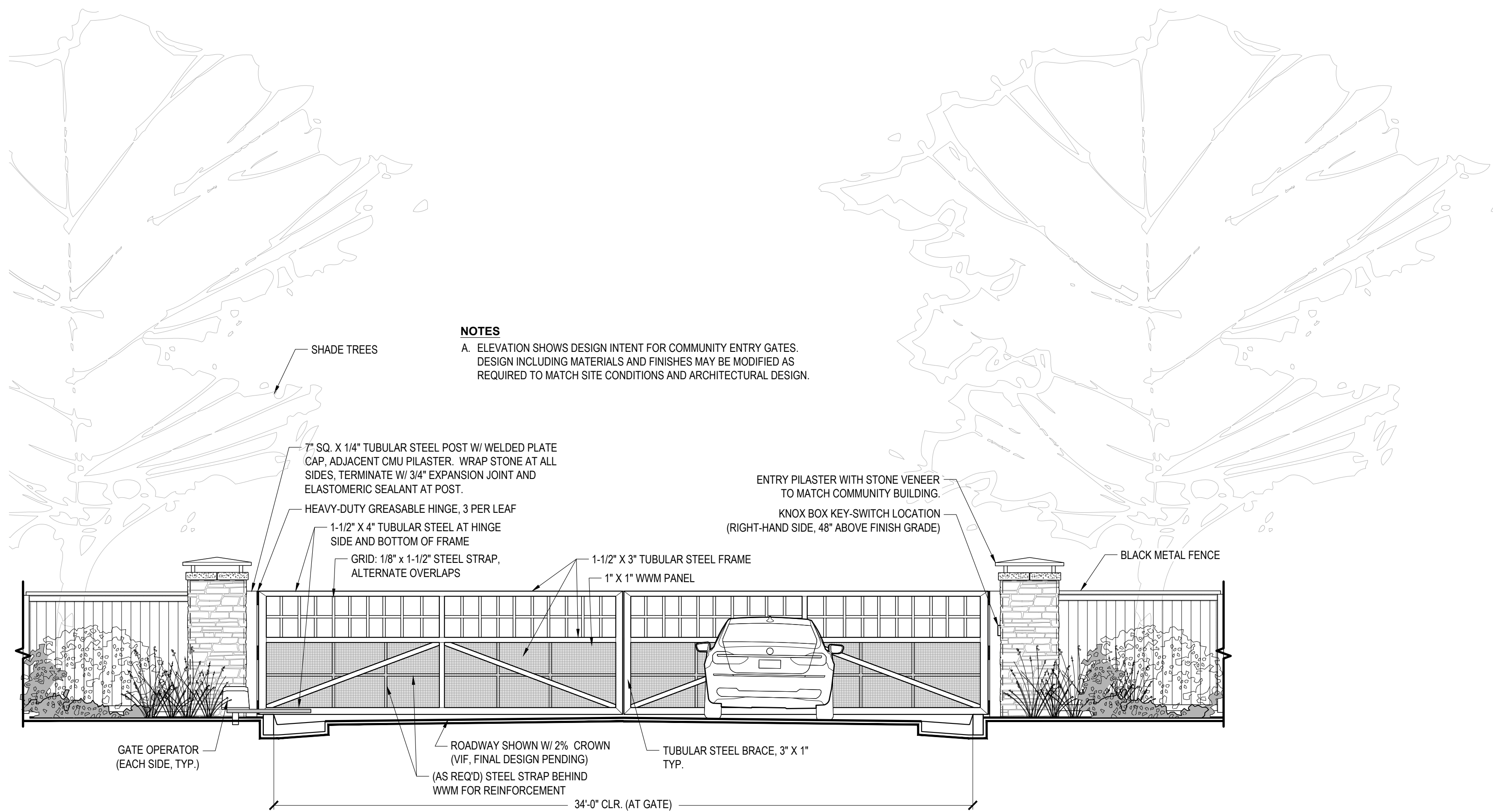
SQUARE FOOTAGES	
TRASH ENCLOSURE	Elevation A 340
TOTAL	340



COMMUNITY ENTRY GATES

1/4" = 1'-0"

ELEVATION



SECONDARY ENTRY GATES

1/4" = 1'-0"

ELEVATION

BASIS FOR DESIGN

- BUILDING CODE: CALIFORNIA BUILDING CODE 2016
- SOIL PARAMETERS:
ACTIVE PRESSURE: 40 PCF
SOIL WEIGHT: 120 PCF
SOIL BEARING CAPACITY: 3500 PSF
PASSIVE PRESSURE: 300 PCF
FRICTION COEFFICIENT: 0.30
- SEISMIC DESIGN:
SS(0.2 SECOND): 0.548
S1(1.0 SECOND): 0.263
SITE CLASS: 1
SDS (SHORT PERIOD): 0.497
SD1(1-SECOND PERIOD): 0.329
PGA: 0.262
- WIND DESIGN:
WIND SPEED: 100 MPH
RISK CATEGORY: 1
EXTERIOR PRESSURE COEFFICIENT (Ce): 1.4
WIND EXPOSURE: C
- FOUNDATION DESIGN AND SOIL PARAMETERS PER RECOMMENDATIONS BY WALLACE KUHIL & ASSOCIATES, REPORT NO. 11712.02, DATED DECEMBER 27, 2017

GENERAL REQUIREMENTS

- THESE DOCUMENTS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND SKILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CONDITIONS BY PROFESSIONAL CONSULTANTS PRACTICING IN THE SAME FIELD AT THE SAME TIME IN THE SAME OR SIMILAR LOCALITY. THEY ASSUME THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKMEN WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND INDUSTRY ACCEPTED STANDARD GOOD PRACTICE, AS NOTED EVERY CONDITION OR ELEMENT IS FOR CONSTRUCTION EXPLICITLY SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE, FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
- ENGINEER SHALL NOT AT ANY TIME SUPERVISE, DIRECT OR HAVE CONTROL OVER CONTRACTOR'S WORK, NOR SHALL ENGINEER HAVE AUTHORITY OVER OR RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES OF CONSTRUCTION SELECTED OR USED BY CONTRACTOR, FOR SECURITY OR SAFETY AT THE SITE NOR FOR SAFETY PRECAUTIONS AND PROGRAMS INCIDENT TO CONTRACTOR'S WORK.
- ALL INSPECTIONS REQUIRED BY THE LOCAL BUILDING DEPARTMENTS, CITY OR BY THESE PLANS SHALL BE PROVIDED BY THE BUILDING DEPARTMENT OR BY AN APPROVED INDEPENDENT INSPECTION COMPANY.
- ALTHOUGH NOT NECESSARILY INDICATED AT A SPECIFIC LOCATION ON THE DRAWINGS, TYPICAL DETAILS AND NOTES SHALL APPLY. DETAILS MAY SHOW ONLY ONE SIDE OF CONNECTION OR MAY OMIT INFORMATION FOR CLARITY.
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH REFERENCE SHALL BE FOR THE LATEST EDITION OR ADDENDA.
- RETAINING WALLS SHALL NOT BE SURCHARGED OR USED IN A STACKED CONFIGURATION, UNLESS SOIL PLANS/DETAILS, A NON-SURCHARGED/NON-STACKED CONFIGURATION EXISTS WHEN UPPER STRUCTURES ARE A MIN. DISTANCE OF 12" FROM THE TOP OF HEIGHT. ANY MEASUREMENT FROM BACK FACE OF RETAINING WALL, UNLESS DEFINED OTHERWISE BY APPROVED GEOTECHNICAL REPORT.

FOUNDATION

- SITE PREPARATION AND GRADING REQUIREMENTS FROM THE GEOTECHNICAL REPORT AND ANY ADDENDA ALONG W/ ANY TESTS, INSPECTIONS, FIELD OBSERVATIONS, OR APPROVAL FROM THE GEOTECHNICAL ENGINEER RECOMMENDED BY THE GEOTECHNICAL REPORT SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF FOUNDATIONS. IF NO PREPARATION AND GRADING SHALL BE PER CBC SECTION 1804.
- W/IN THE TIME OF CONSTRUCTION AND W/IN THE LIFETIME OF THE WALL, THE OWNER MUST ENSURE THAT ALL SURFICIAL DRAINAGE IS DIRECTED AWAY FROM THE WALL SYSTEM.
- FOUNDATION INSPECTOR PRIOR TO PLACEMENT OF CONCRETE INCLUDES: FOOTING STEP LOCATION AT GRADE, AND SIZE/DEPTH AND CLEANLINESS OF FOUNDATION. ADDITIONAL SPECIAL INSPECTION AS REQUIRED BY JURISDICTION.
- FOOTING SHALL BE LEVEL, STEP FOOTINGS, AS REQ'D, WHERE GROUND SLOPES. HEIGHT OF STEP SHALL BE EQUAL TO HEIGHT OF CMU COURSE.

CONCRETE

- MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE (FC) SHALL BE 2500 PSI. CONCRETE MIX SHALL BE DESIGNED BY AN APPROVED LABORATORY. CONCRETE SHALL BE NORMAL WEIGHT OF 145 PCF USING HARD ROCK AGGREGATES CONFORMING TO ASTM C33.
- MAXIMUM SLUMP SHALL BE 5 INCHES. WATER SHALL BE CLEAN AND POTABLE.
- USE TYPE V PORTLAND CEMENT, AS REQ'D BY OWNER, JURISDICTION, OR SOILS ENGINEER, CONFORMING TO ASTM C150.
- A MAXIMUM OF 90 MINUTES MAY ELAPSE BETWEEN CONCRETE AND/OR GROUT BATCHING AND FIELD PLACEMENT.
- CONCRETE QUALITY, MIXING, WEATHER PROTECTION AND PLACING SHALL CONFORM TO CBC SECTION 1905.
- VERTICAL CONTROL JOINTS TO BE PLACED AT MAX 36'-0" O.C. IN ALL NON-STUCCOED WALLS AND 20'-0" O.C. IN STUCCOED WALLS W/ CLEAN VERTICAL BREAK OF ALL MATERIALS.
- CONCRETE AT FOOTING SHALL BE A MIN OF 48 HOURS OLD, CMU BLOCK SHALL BE A MIN OF 7 DAYS OLD, & MORTAR SHALL BE A MIN OF 24 HRS OLD PRIOR TO FINAL TENSIONING.

BACKFILL

- BACKFILL MATERIAL AND PLACEMENT SHALL BE IN ACCORDANCE W/ RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER OR CBC SECTION 1804 IF GEOTECHNICAL REPORT NOT SUBMITTED.
- BACKFILL SHALL NOT BE PLACED AGAINST WALLS BELOW GRADE OR ATOP FOUNDATIONS UNTIL GROUT AND CONCRETE HAVE REACHED DESIGN STRENGTH.
- RETAINING WALL SYSTEM IS NOT DESIGNED TO WITHSTAND HYDROSTATIC PRESSURE. DRAINAGE SYSTEM SHALL BE PROVIDED TO PREVENT BUILD UP OF HYDROSTATIC PRESSURE. IN ADDITION, DRAINAGE SYSTEM SHALL NOT ADVERSELY AFFECT THE INTEGRITY OF THE RETAINING SYSTEM.

REINFORCING

- REINFORCING STEEL SHALL CONFORM TO ASTM A615. WELDABLE REINFORCING STEEL SHALL CONFORM TO ASTM A706. REINFORCING SHALL BE GRADE 60.
- LATEST ACI DETAILING MANUAL, ACI 318 AND CRSI MANUAL OF STANDARD PRACTICE APPLY TO REINFORCEMENT SPLICING, DETAILING, BENDING, AND PLACEMENT.
- REFER TO TYPICAL WALL INTERSECTION DETAIL FOR REINFORCING REQUIREMENTS AT WALL AND FOOTING INTERSECTIONS.
- REFER TO LAP SCHEDULE FOR MINIMUM O.C. SPACING, LAP SPlice LENGTHS IN CONCRETE AND MASONRY, AND HOOK LENGTHS. NO WELDING (TACK, SPOT ETC.) OF REINFORCING ALLOWED. STAGGER SPICES A MINIMUM OF (1) LAP LENGTH.

REINFORCING (CONT)

- ALL REINFORCEMENT SHALL BE BENT COLD. NO FIELD BENDING OF BARS IS ALLOWED UNLESS APPROVED BY THE ENGINEER.
- SUPPORT REINFORCEMENT ADEQUATELY TO SECURE REINFORCEMENT AGAINST DISPLACEMENT DURING CONCRETE PLACEMENT IN THE FOOTING AND GROUT PLACEMENT IN THE CMU.
- PROVIDE VERTICAL REINFORCING BARS, W/ HOOKS INTO FOOTING PER APPLICABLE DETAIL SECTION, IN GROUTED CELLS AT ALL WALL INTERSECTIONS, CORNERS, WALL ENDS, AND EACH SIDE OF CONTROL JOINTS. EXTEND ALL VERTICAL REINFORCING TO FOUNDATION EITHER CONTINUOUS OR W/ SUFFICIENT LAP REQUIREMENTS, AS INDICATED PER APPLICABLE DETAIL SECTIONS.
- HORIZONTAL REINFORCING SHALL BE 9 GAGE DIAMETER WIRE AND CONFORM TO ASTM A82 LADDER TYPE, 9 GAGE DIAMETER, LAP JOINT REINFORCING ONE FULL CROSS SQUARE (6" MINIMUM LAP). HORIZONTAL REINF SHALL BE HOT-DIPPED GALVANIZED OR APPROVED EQUIVALENT.

CONVENTIONAL MASONRY

- HOLLOW, NORMAL-WEIGHT, LOAD BEARING PRECISION CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C 90. MINIMUM COMPRESSIVE STRENGTH OF CMU SHALL BE 2000 PSI. ALL BLOCKS SHALL BE PLACED IN RUNNING BOND CONSTRUCTION, UNO W/ ALL AERATION CELLS IN ALIGNMENT.
- GROUT SHALL CONFORM TO ASTM C476. MINIMUM GROUT COMPRESSIVE STRENGTH EQUALS OR EXCEEDS F'M BUT NOT LESS THAN 2000 PSI. HOLD DOWN GROUT 1-1/2" BELOW TOP OF BLOCK AT GROUT LIFT JOINTS.
- MORTAR SHALL CONFORM TO ASTM C270 & CBC 2103. TYPE S, 2000 PSI MIN. MORTAR MUST BE A MIN OF 4 HOURS OLD PRIOR TO INITIAL TENSIONING.
- NET AREA COMPRESSIVE STRENGTH OF MASONRY SHALL BE (F'M) 2000 PSI MIN. PER THE UNIT STRENGTH METHOD, FOR POST-TENSIONED MASONRY SHALL BE 1500 PSI MIN. PER UNIT STRENGTH METHOD, FOR CONVENTIONAL MASONRY DESIGN.
- THICKNESS OF BED JOINTS SHALL NOT EXCEED 5/8".
- GROUT SOLID ALL CELLS BELOW GRADE UNLESS NOTED OTHERWISE.
- MASONRY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PREPARATION, ERECTION, REINFORCEMENT INSTALLATION AND GROUT PLACEMENT SHALL COMPLY WITH CBC SECTION 2104 AND W/ ACI 530.1.
- DAMP-PROOF ALL CMU IN CONTACT W/ SOIL PER CBC SECTION 1805.
- TONGUE AND GROOVE CMU MAY BE USED AT FENCE WALLS.

PROTO II

- PROTO II HARDWARE IS DEFINED AS: TENSION RODS, BEARING PLATES, COUPLERS, NUTS, ALL THREADS, DTI, PLASTIC SADDLES, ALL OF THIS HARDWARE SHALL BE SUPPLIED BY ONLY AN APPROVED PROTO II HARDWARE INSTALLER. POST TENSION RODS SHALL BE 7/16" DIAMETER W/ 1/2" ROLL THREADS CONFORMING TO ASTM A641 (Fy=60 KSI) AND STEEL COUPLERS SHALL BE 1/2" DIA. WITH 1/2" ROLL THREADS CONFORMING TO ASTM A641 (Fy=60 KSI). SEE DETAIL, TYPICAL TOP OF PROTO II WALL FOR WIDTHS. 1/2" COUPLERS SHALL BE PER ASTM A563 GRADE A, AND THE COUPLER NUT MUST FULLY ENGAGE THE UPPER AND LOWER ROD, FULLY ENGAGED AS DEFINED AS 1/2" MIN INTO COUPLER. 1/2" NUTS ARE TO BE GRADE B PER ASTM A325. 1/2" ALL THREADS PER ASTM A307, GRADE 60. DTI IS MFR'D ASTM F959. PLASTIC REBAR SADDLES ARE NON-STRUCTURAL.
- PROVIDE CONT FULL HEIGHT RODS W/ MIN OF 3" "L" HOOK W/ 1/2" NUT AT END OF TENSION ROD INTO FOOTING PER APPLICABLE DETAIL SECTION AND AT CONTROL JOINTS PER TYP DETAIL. AT CONTRACTOR'S OPTION RODS MAY BE STABBED INTO WET CONCRETE OR TIED INTO PLACE.
- IN LIEU OF FULL HEIGHT RODS, CONTRACTOR MAY USE SHORTER RODS, 1/2" COUPLERS AND STRAIGHT RODS THREADED BOTH ENDS FOR ADDITIONAL LIFTS. NO COUPLERS MAY OCCUR DIRECTLY BELOW AND IN CONTACT W/ THE BEARING PLATE. NO BOND BEAM BLOCK MAY BE USED AT POST TENSIONING LOCATION.
- A PROTO II DTI SHALL BE INSTALLED AT EVERY TENSION ROD BETWEEN THE BEARING PLATE AND NUT W/ THE DTI "TABS" FACING UP AGAINST THE BOTTOM OF THE NUT. THE SPECIAL DEPUTY INSPECTOR REQUIRED AT TIME OF FINAL TENSIONING BY A DEPUTY INSPECTOR SHALL VERIFY FINAL TENSIONING TO 6,000 LBS BY 1 OF 2 METHODS: METHOD 1- VISUAL INSPECTION OF DTI, TABS FACING UP AND COLLAPSED AGAINST NUT W/ NO LIGHT LEAKAGE BETWEEN THE PROTO II DTI AND BOTTOM OF NUT. METHOD 2: USE OF A CALIBRATED TORQUE WRENCH TORQUED TO 55 FT-LBS. DTI MUST STILL BE PLACED WITH METHOD 2. NO VISUAL INSPECTION OF DTI REQUIRED WHEN USING METHOD 2. INSPECTOR SHALL OBSERVE THE USE OF THREAD LUBRICANT, THE POSITION OF PLATE ON BLOCK, AND INTEGRITY OF MORTAR JOINTS. IN ADDITION, THE INSTALLER SHALL PROVIDE A SIGNED REPORT TO ALL APPROPRIATE PARTIES. PROTO II MASONRY DESIGN IS BASED ON THIS SPECIAL INSPECTION.

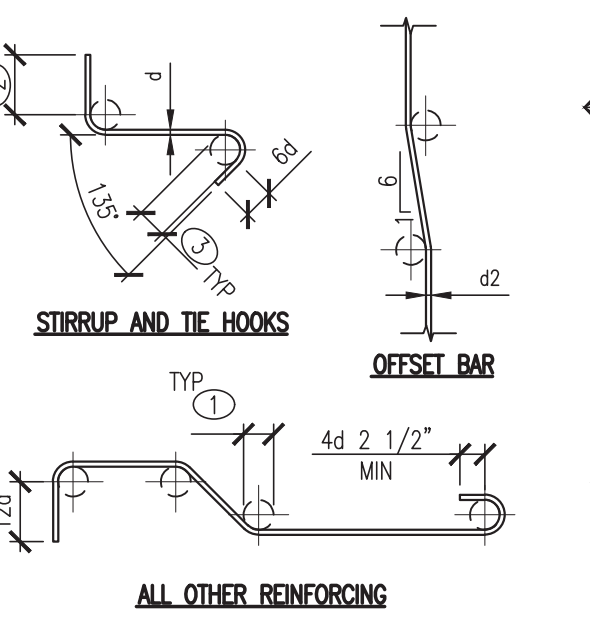
STANDARD ABBREVIATIONS	
ACI	AMERICAN CONCRETE INSTITUTE
ASCE	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CBC	CALIFORNIA BUILDING CODE
CL	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONC DIA	CONCRETE DIAMETER
DTI	DEPUTY TENSION INDICATOR
EQ	EQUAL
EW	EACH WAY FOOT
FT	FOOTING
FSN	GENERAL STRUCTURAL NOTES
ICC	INTERNATIONAL CODE COUNCIL INFORMATION
LBS	POUNDS
MFR	MANUFACTURER
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
NYS	NOT TO SCALE
O.C.	ON-CENTER
P.F.	POUNDS PER LINEAR FOOT
PSI	POUNDS PER SQUARE INCH
REIN	REINFORCING
REQ'D	REQUIRED
SM	SMALL
SPEC	SPECIFICATION
STD	STANDARD
T&B	TOP AND BOTTOM TRANSVERSETYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W/	WITH
WITHOUT	WITHOUT

KEYNOTES

- MIN FINISHED BEND DIA FOR ALL REINFORCING EXCEPT STIRRUPS AND TIES PER THE FOLLOWING: 6"Ø FOR #8 AND SMALLER 8"Ø FOR #9 THRU #11 12"Ø FOR #14 AND #18
- 6"Ø FOR #5 AND SMALLER 12"Ø FOR #6 THROUGH #8
- MIN FINISHED BEND DIA FOR STIRRUPS AND TIES ONLY 4"Ø FOR #5 AND SMALLER 6"Ø FOR #6 THRU #8

NOTES

- "Ø" = BAR DIA
- ALL REINF SHALL BE BENT COLD UNO ON PLANS OR DETAILS
- REINF PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT UNO ON PLANS OR DETAILS



1 TYPICAL BEND IN REINF NO SCALE

KEYNOTES

- HOOK LENGTH INCLUDES BEND RADIUS AND EXTENSION
- TOP BARS ARE TRANSVERSE TOP BARS SO PLACED THAT 12" OR MORE OF FRESH CONCRETE IS CAST IN MEMBER BELOW SPLICE

NOTES

- CONCRETE LAP LENGTHS BASED ON ACI 318-14, SECTION 25.4.3 WITH CLASS B LAP SPLICE PER 25.5 FOR NORMAL WEIGHT CONCRETE AND UNCOATED BARS
- MASONRY LAP LENGTHS PER CBC SECTION 2107 & 2108
- LAP LENGTHS BASED OFF OF ALLOWABLE STRESS OF REINFORCING OF Fy=60 KSI

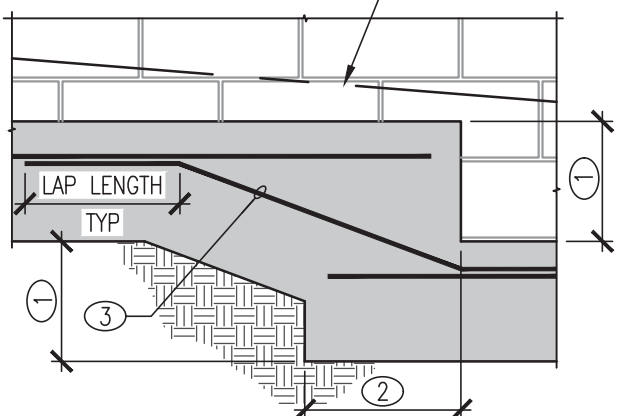
BAR SIZE	HOOK LENGTH (1)	CONCRETE (F'c=2500 PSI)		MASONRY (F'm=1500 PSI)	
		LAP	LAP FOR TOP BARS (2)	LAP	LAP
#3	6"	1'-3"	1'-7"	1'-3"	1'-3"
#4	7 3/8"	1'-7"	2'-1"	2'-2"	2'-2"
#5	9 3/8"	2'-0"	2'-7"	3'-4"	3'-4"
#6	11 3/8"	2'-5"	3'-1"	4'-2"	4'-2"

TYP REINF LAP SCHEDULE

3 TYP REINF LAP SCHEDULE NO SCALE

KEYNOTES

- STEP IN FOOTING ELEVATION PER PLAN
- WIDTH EQUAL TO FOOTING THICKNESS OR 18", WHICHEVER IS GREATER
- SLOPE REINFORCING AT STEP TO MATCH AND LAP W/ LONGITUDINAL BARS
- LINE OF FINISH GRADE



1 TYPICAL STEP IN FOOTING NO SCALE

KEYNOTES

- POST TENSION ROD
- NUT
- DTI
- BEARING TOP PLATE
- COLLAPSIBLE TABS
- MIN TENSION TO BE 6,000 LBS LOAD AND CONFIRMED BY ONE OF TWO METHODS PER NOTES "B" AND "C" BELOW
- AFTER TENSION INSPECTION, PLACE MORTAR MOUND OVER THE TOP OF ROD/PLATE/NUT LOCATION BLOCK
- OPT CAP BLOCK
- CONTINUOUS HORIZONTAL JOINT REINFORCING PER GSN
- CENTER WEB OR END FACE SHELL BELOW
- STEEL PLATE SIZES:
A. 4" PROTO II: 7/4"x3"x6"
B. 4" SLUMP PROTO II: 1/4"x2"-1/2"x6"
C. 6" PROTO II: 1/4"x4"-1/2"x6"
D. 6" SLUMP PROTO II: 1/4"x4"x6"
E. 8" PROTO II: 1/4"x6"-1/2"x6"
STEEL PLATE TO BE PLACED AT THE EDGE OF THE CELL SO THAT THE PLATE BEARS FULLY ON THREE SIDES
- DO NOT USE BOND BEAM BLOCK AT BEARING PLATE LOCATIONS

NOTES

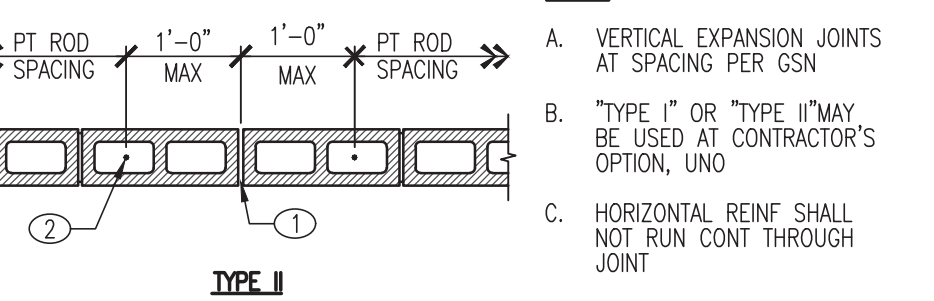
- PROTO-II DTI TO BE USED ON EACH TENSION ROD, TABS FACING UP AGAINST BOTTOM OF 1/2" NUT AND TABS COLLAPSED TO ACHIEVE TENSION (NO LIGHT PASSES BETWEEN BOT OF NUT AND DTI)
- AS ALTERNATE TO VISUAL INSPECTION OF TABS, INSPECTION OF NUT TORQUE MAY BE ACHIEVED BY USE OF CALIBRATED TORQUE WRENCH. TORQUE NUTS TO 55 FT-LBS. DTI STILL MUST BE PLACED ON ROD IS USING TORQUE WRENCH METHOD. SEE GSN FOR ADD'L INFO
- DEPUTY INSPECTOR SHALL PERFORM A VISUAL INSPECTION TO CONFIRM THE DTI IS COLLAPSED W/ NO LIGHT LEAKS BETWEEN THE TABS AND BOTTOM OF NUT
- INSTALLER MUST HAVE SPECIAL INSPECTION OF TENSIONING PERFORMED BY ONE OF THE TWO METHODS NOTED ABOVE. SPECIAL INSPECTOR TO PROVIDE A COMPLETED REPORT TO LISTED PARTIES

KEYNOTES

- 1/2" EXPANSION JOINT OR END OF WALL, AS OCCURS
- TYPICAL WALL, PT ROD EACH SIDE OF JOINT
- #4 VERT REINF W/ STD HOOK EMBEDDED 6" MIN INTO FOOTING. SOLID GROUT REINF CELL W/ GROUT OR 8" MAX HIGH MORTAR LIFTS

NOTES

- VERTICAL EXPANSION JOINTS AT SPACING PER GSN
- "TYPE I" OR "TYPE II" MAY BE USED AT CONTRACTOR'S OPTION, UNO
- HORIZONTAL REINF SHALL NOT RUN CONT THROUGH JOINT



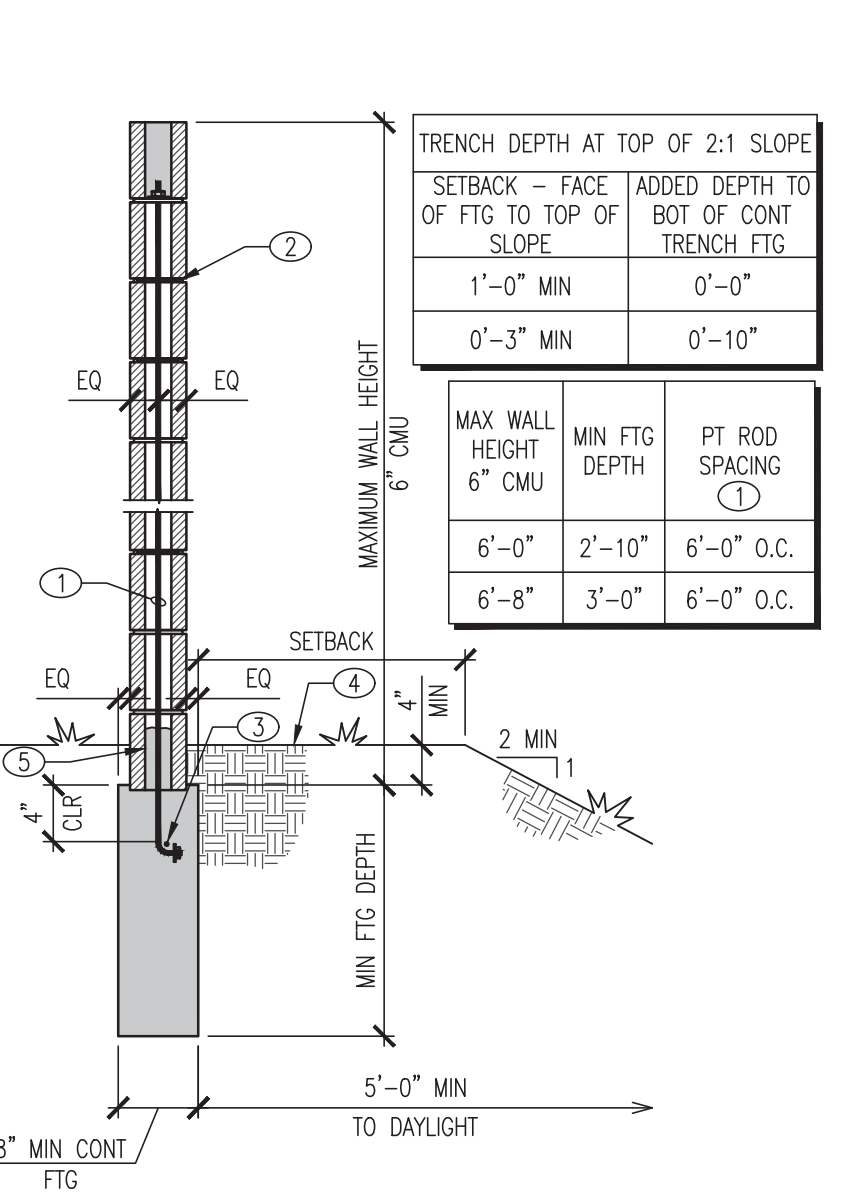
4 TYPICAL TOP OF PROTO II WALL NO SCALE

KEYNOTES

- MAX WALL HEIGHT 6" CMU
- MAX RETAINED SOIL HEIGHT
- MIN FTG DEPTH
- CONVENTIONAL CMU HEIGHT
- VERT REINF AT 6" CONVENTIONAL CMU (1)
- 6" PROTO II HEIGHT
- PT ROD SPACING (2)

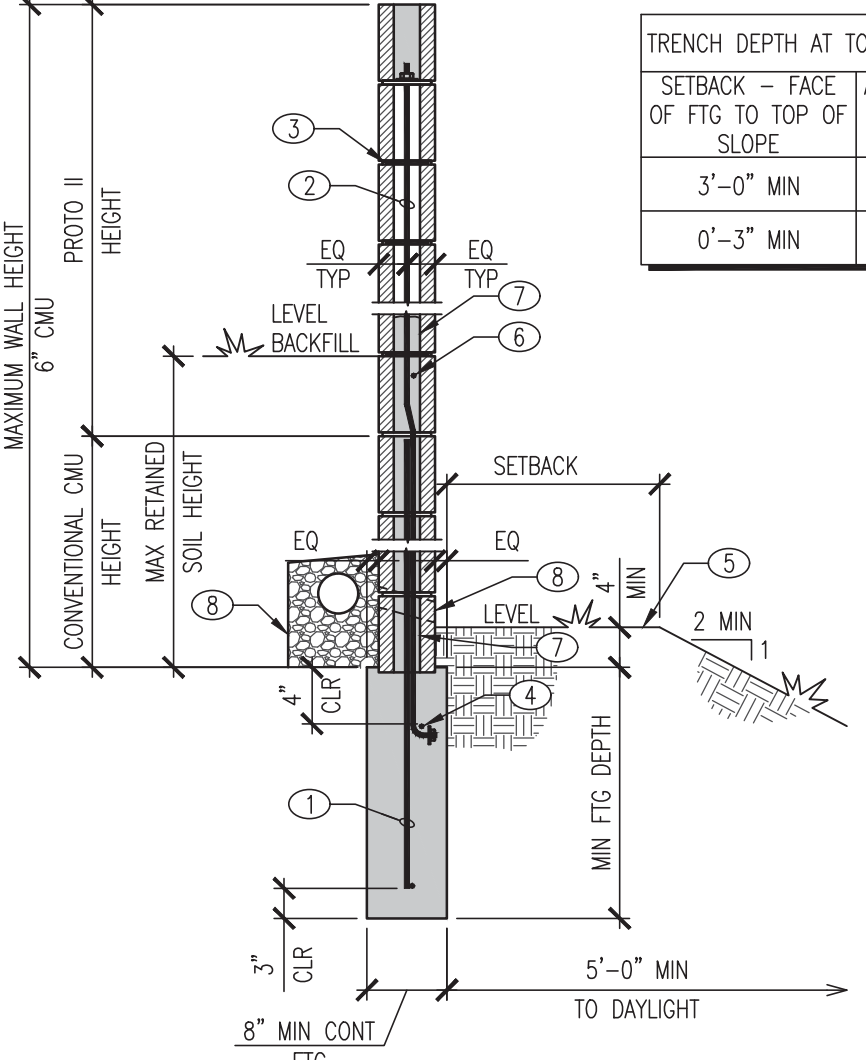
NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- RETAINING WALL SHALL NOT BE SURCHARGED OR USED IN A STACKED CONFIGURATION, EXCEPT AS NOTED. FENCE WALL SHALL NOT BE FLOOD SURCHARGED, EXCEPT AS NOTED
- PLACE FIRST BLOCK INTO WET CONC TO RECESS 1/2" MIN, 3/4" MAX
- CONVENTIONAL MASONRY DESIGNED TO FULL-STRESSES. SPECIAL INSPECTION OF MASONRY AS REQUIRED BY JURISDICTION



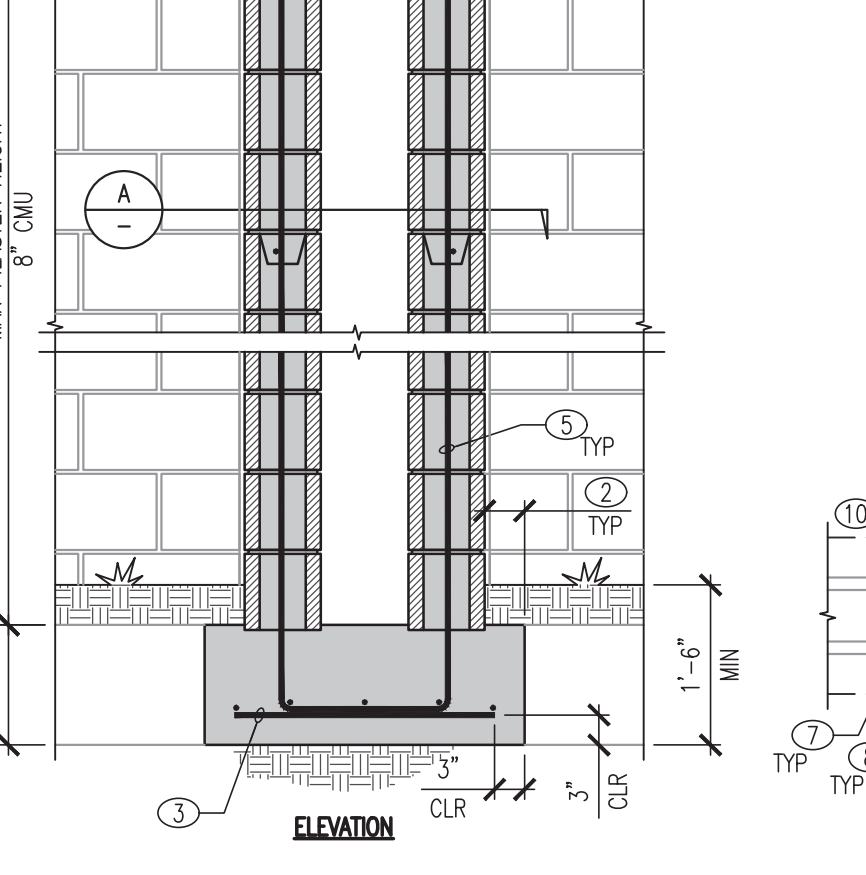
6 TYPICAL 6'-0" & 6'-8" PROTO-II 6" CMU FENCE W/ CONT TRENCH FTG NO SCALE

MAX WALL HEIGHT 6" CMU	MAX RETAINED SOIL HEIGHT	MIN FTG DEPTH	CONVENTIONAL CMU HEIGHT	VERT REINF AT 6" CONVENTIONAL CMU (1)	6" PROTO II HEIGHT	PT ROD SPACING (2)
7'-4"	1'-4"	3'-2"	2'-0"	#4 AT 40" O.C.	5'-4"	8'-0" O.C.
8'-0"	2'-0"	3'-6"	2'-0"	#4 AT 32" O.C.	6'-0"	6'-0" O.C.
8'-8"	2'-8"	3'-10"	2'-8"	#4 AT 24" O.C.	6'-0"	6'-0" O.C.
9'-4"	3'-4"	4'-3"	3'-4"	#4 AT 16" O.C.	6'-0"	6'-0" O.C.



8 TYP 1'-4" TO 3'-4" 6" CMU RETAINERS W/ PROTO-II FENCE NO SCALE

SQ DIMENSION (1)	MAX PILASTER HEIGHT 8" CMU	TOE DIMENSION (2)
2'-0" SQ	9'-4"	0'-4"



10 TYPICAL 8" CMU PILASTER NO SCALE

KEYNOTES

- POST TENSION ROD. REFER TO SCHEDULE FOR SPACING
- HORIZONTAL JOINT REINFORCING PER GSN. PLACE IN FIRST TWO JOINTS BELOW PLATE WASHER AND 2'-0" O.C. THEREAFTER UNTIL THE TOP OF FOOTING IS REACHED
- #4 CONT REINF
- TOP OF LEVEL NATURAL GRADE OR COMPACTED SUBGRADE
- 3" MORTAR COVER AROUND COUPLER AND/OR POST TENSIONED ROD AT FIRST COURSE

NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- WALL SHALL NOT BE USED AS A FLOOD WALL OR OTHERWISE SURCHARGED, UNO
- PLACE FIRST BLOCK INTO WET CONC TO RECESS 1/2" MIN, 3/4" MAX
- SPECIAL INSPECTION AS REQUIRED BY JURISDICTION

KEYNOTES

- POST TENSION ROD. REFER TO SCHEDULE FOR SPACING
- HORIZONTAL JOINT REINFORCING PER GSN. PLACE IN FIRST TWO JOINTS BELOW PLATE WASHER AND 2'-0" O.C. THEREAFTER UNTIL THE TOP OF FOOTING IS REACHED
- #4 CONT REINF
- TOP OF LEVEL NATURAL GRADE OR COMPACTED SUBGRADE
- 3" MORTAR COVER AROUND COUPLER AND/OR POST TENSIONED ROD AT FIRST COURSE

NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- WALL SHALL NOT BE USED AS A FLOOD WALL OR OTHERWISE SURCHARGED, UNO
- PLACE FIRST BLOCK INTO WET CONC TO RECESS 1/2" MIN, 3/4" MAX
- SPECIAL INSPECTION AS REQUIRED BY JURISDICTION

KEYNOTES

- REBAR REINF. REFER TO SCHEDULE FOR SPACING. EXTEND REINF FROM BOT OF FOOTING TO TOP OF CONVENTIONAL CMU, AS SHOWN
- POST TENSION ROD. REFER TO SCHEDULE FOR SPACING. EXTEND ROD TO EMBED INTO FOOTING AS SHOWN. RODS NOT TO OCCUR IN SAME CELL AS CONVENTIONAL REINF. ONLY GROUT CELLS W/ CONVENTIONAL REINF W/IN CONVENTIONAL CMU HEIGHT
- HORIZONTAL JOINT REINFORCING PER GSN. PLACE IN FIRST TWO JOINTS BELOW PLATE WASHER AND 2'-0" O.C. THEREAFTER UNTIL THE TOP OF CONVENTIONAL CMU IS REACHED
- #4 CONT REINF TOP & BOT & AT 18" O.C.
- TOP OF LEVEL NATURAL GRADE OR COMPACTED SUBGRADE
- #3 CONT IN 8" MIN SOLID GROUTED BOND BEAM
- 3" MORTAR COVER AROUND POST TENSIONED ROD AT FIRST COURSE ABOVE GRADE
- REFER TO APPROVED GEOTECHNICAL REPORT FOR WATER PROOFING/DRAINAGE REQUIREMENTS AT BACK FACE OF WALL. IN ADDITION, PROVIDE 2" DIA HOLE AT 6'-0" O.C. FOR WEEPERS OR PROVIDE APPROVED ALTERNATE DRAINAGE SYSTEM BY OTHERS

NOTES

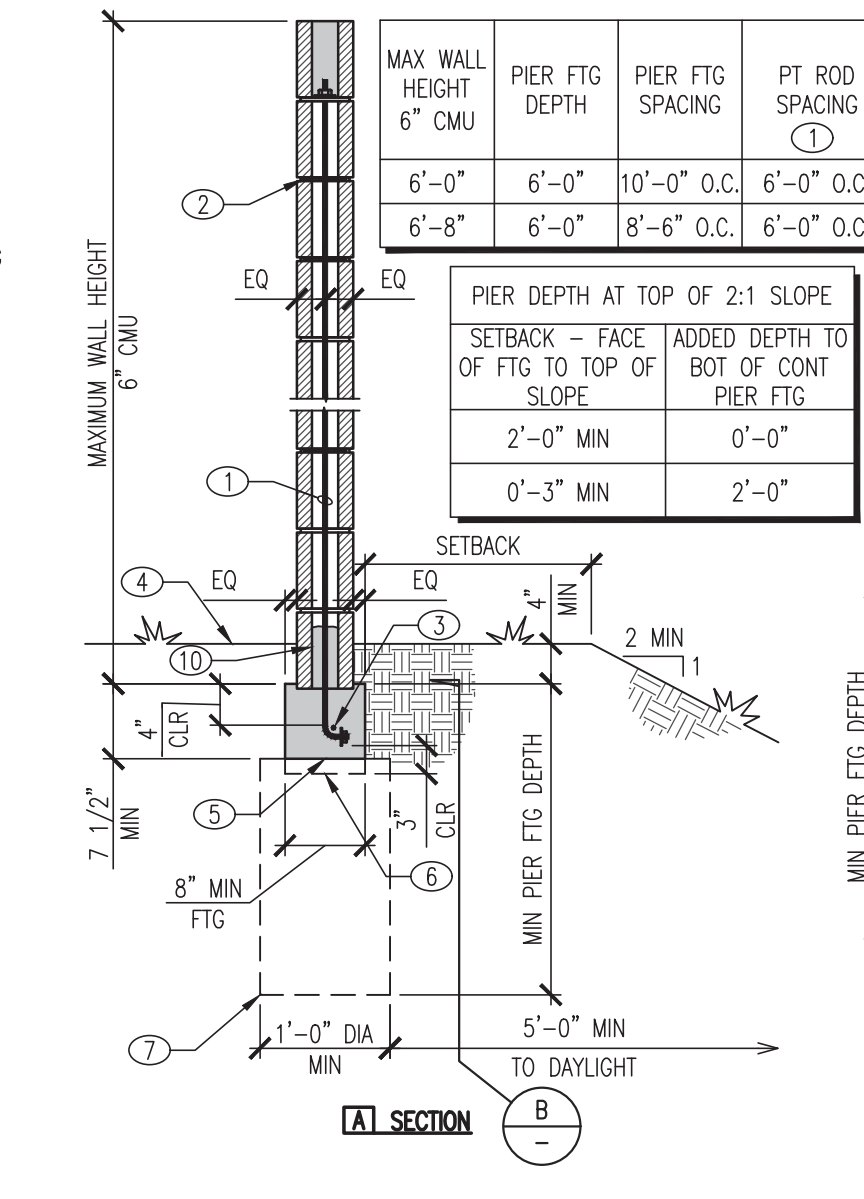
- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- RETAINING WALL SHALL NOT BE SURCHARGED OR USED IN A STACKED CONFIGURATION, EXCEPT AS NOTED. FENCE WALL SHALL NOT BE FLOOD SURCHARGED, EXCEPT AS NOTED
- CONVENTIONAL MASONRY DESIGNED TO FULL-STRESSES. SPECIAL INSPECTION OF MASONRY AS REQUIRED BY JURISDICTION

KEYNOTES

- PROVIDE #4 HORIZ AT 16" O.C. EACH WAY, AT BOT OF FOOTING
- EDGE OF PILASTER FOOTING
- #4 VERT BAR IN EACH CORNER CELL AS SHOWN
- #3 CLOSED TIES AT TOP AND AT 48" O.C. MAX. PROVIDE 2" MIN GROUT COVER ALL AROUND
- CMU FENCE WALL, PER APPLICABLE WALL SECTION DETAIL, AS OCCURS
- PROVIDE VERTICAL EXPANSION JOINTS IN FENCE WALLS PER GSN
- NON-STRUCTURAL DECORATIVE CAP/RAISED PATTERN AS OCCURS PER ARCH. WEIGHT NOT TO EXCEED 200 LBS
- PROVIDE VERT DOWEL IN CELL ADJACENT TO PILASTER PER VERT REINFORCING REQUIREMENTS OF APPLICABLE WALL SECTION DETAIL
- STONE VENEER AND ATTACHMENT BY OTHERS (10 PSF MAX)

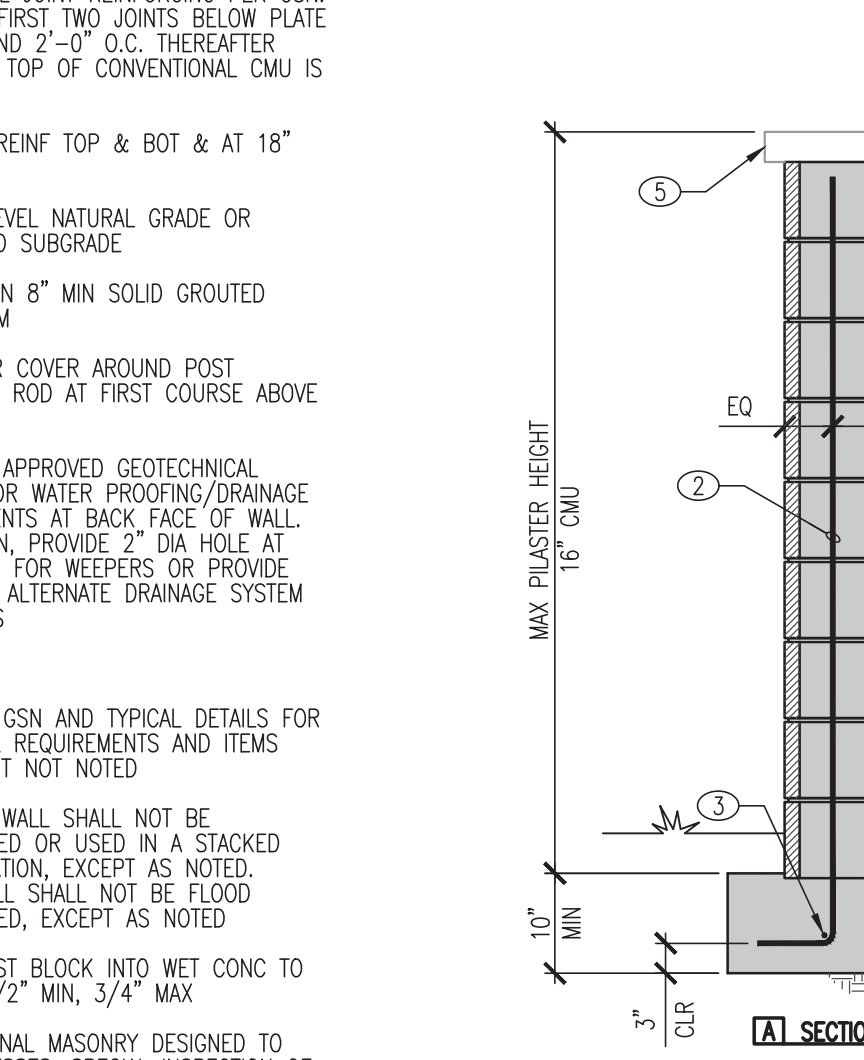
NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- WET SET 1st COURSE INTO FTG 1/2" MIN
- PILASTER MAY RETAIN UP TO 3'-4" MAX OF SOIL PROVIDED PILASTER FOOTING/CMU ALONG RETAINED FACE MATCHES MIN STRUCTURAL REQUIREMENTS OF APPLICABLE RETAINING WALL DETAIL



7 TYPICAL PROTO-II 6" CMU FENCE W/ PIER FTG NO SCALE

MAX WALL HEIGHT 6" CMU	PIER FTG DEPTH	PIER FTG SPACING	PT ROD SPACING (1)
6'-0"	6'-0"	10'-0" O.C.	6'-0" O.C.
6'-8"	6'-0"	8'-6" O.C.	6'-0" O.C.



9 TYP 16" SQ CMU PILASTER NO SCALE

KEYNOTES

- POST TENSION ROD. REFER TO SCHEDULE FOR SPACING
- HORIZONTAL JOINT REINFORCING PER GSN. PLACE IN FIRST TWO JOINTS BELOW PLATE WASHER AND 2'-0" O.C. THEREAFTER UNTIL THE TOP OF FOOTING IS REACHED
- #4 CONT REINF
- TOP OF LEVEL NATURAL GRADE OR COMPACTED SUBGRADE
- 3" MORTAR COVER AROUND COUPLER AND/OR POST TENSIONED ROD AT FIRST COURSE
- NO COLD JOINT B/W FTG & SETTING PAD
- NO COLD JOINTS ALLOWED IN PIER FOOTING
- POST TENSION ROD SPACING DOES NOT NEED TO LINE UP W/ PIER FOOTING

NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- WALL SHALL NOT BE USED AS A FLOOD WALL OR OTHERWISE SURCHARGED, UNO
- PLACE FIRST BLOCK INTO WET CONC TO RECESS 1/2" MIN, 3/4" MAX
- SPECIAL INSPECTION AS REQUIRED BY JURISDICTION
- NO COLD JOINTS ALLOWED IN PIER FOOTING
- POST TENSION ROD SPACING DOES NOT NEED TO LINE UP W/ PIER FOOTING

KEYNOTES

- TOP OF LEVEL NATURAL GRADE OR COMPACTED SUBGRADE
- CONT. CONCRETE SETTING PAD
- THICKEN CONCRETE SETTING PAD TO PROVIDE 3" MIN COVER AROUND PT ROD AND NUT, AS REQ'D, WHERE PT ROD DOES NOT ALIGN W/ PIER FOOTING
- LINE OF PIER FTG BEYOND. REFER TO SCHEDULE FOR O.C. SPACING
- 3" MORTAR COVER AROUND COUPLER AND/OR POST TENSIONED ROD AT FIRST COURSE
- (2) #4 CASSION REINF W/ STD HOOK EMBEDDED INTO GRADE BEAM AS SHOWN
- NO COLD JOINT B/W FTG & SETTING PAD
- NO COLD JOINTS ALLOWED IN PIER FOOTING
- POST TENSION ROD SPACING DOES NOT NEED TO LINE UP W/ PIER FOOTING

NOTES

- REFER TO GSN AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS AND ITEMS SHOWN BUT NOT NOTED
- WALL SHALL NOT BE USED AS A FLOOD WALL OR OTHERWISE SURCHARGED, UNO
- PLACE FIRST BLOCK INTO WET CONC TO RECESS 1/2" MIN, 3/4" MAX
- SPECIAL INSPECTION AS REQUIRED BY JURISDICTION
- NO COLD JOINTS ALLOWED IN PIER FOOTING
- POST TENSION ROD SPACING DOES NOT NEED TO LINE UP W/ PIER FOOTING