BASEBALL BACKSTOP AND PERIMETER FENCE

VISTA HIGH SCHOOL

SHEET INDEX

SHEET TOTAL: 21

PROJECT DIRECTORY

CLIENT:
VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE
VISTA, CA 92084

CIVIL:
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27127 CALLE ARROYO SUITE 1904
SAN JUAN CAPISTRANO, CA 92121
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CARLSBAD, CA 92009
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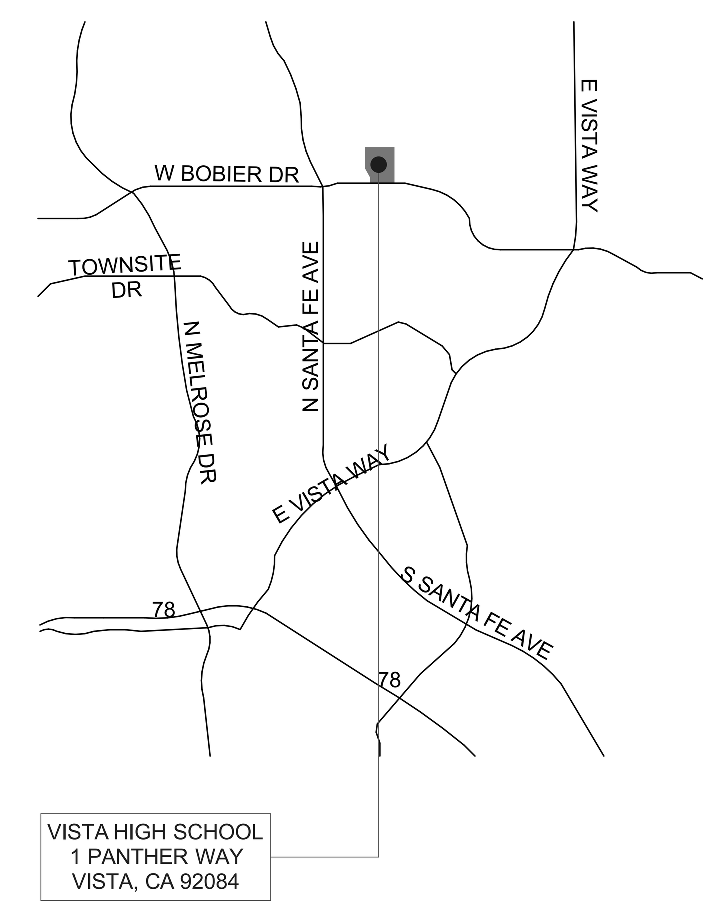
STRUCTURAL:
WISEMAN & ROHY STRUCTURAL ENGINEERS
9915 MIRA MESA BLVD., SUITE 200
SAN DIEGO, CA 92131
P: 858-536-5166

PROJECT SCOPE

THE SCOPE OF THIS PROJECT INCLUDES THE DEMOLITION AND REMOVAL OF THE EXISTING CMU BACKSTOP & ADJACENT FENCING, AS WELL AS PORTIONS OF EXISTING CHAIN LINK PERIMETER FENCING. NEW WORK INCLUDES THE CONSTRUCTION OF (1) NEW CIP CONCRETE BACKSTOP, NEW CHAIN LINK FENCING, EXISTING BULLPEN RELOCATION, AND VARIOUS SITE UPGRADES.

VICINITY MAP



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122112 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2023

ALPHASTUDIO DESIGN GROUP

6152 INNOVATION WAY
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ARCHITECT OF RECORD

LICENSED ARCHITECT
JOSHUA T. ECKLE
No. C31020
EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

BASEBALL BACKSTOP AND PERIMETER FENCING
VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083
VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

COVER SHEET

T-001

T:\ASDG Projects\Active Projects\22-029 VHS Baseball Backstop and Perimeter Fencing\Archicad\22-029 VHS Baseball Backstop and Perimeter Fencing.pln

BASEBALL BACKSTOP AND PERIMETER FENCE

VISTA HIGH SCHOOL

GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES LISTED ON THIS SHEET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILAR WITH ALL CODES AND ORDINANCES, CITY OR STATE AS REQUIRED FOR THE CONSTRUCTION OF THE FOLLWING PROJECT. WHERE CONFLICTS OCCUR BETWEEN FEDERAL, STATE, AND LOCAL LAWS, CODES, ORDINANCES, AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN,
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF BOTH THE CALIFORNIA BUILDING CODE AND TITLE 24, CALIFORNIA CODE OF REGULATIONS.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF WORK. THE EXISTING CONDITIONS SHALL INCLUDE, BUT NOT BE LIMITED TO: IRRIGATION, DRAINAGE, SITE MEHCANICAL, PLUMBING, AND ELECTRICAL. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN SITE CONDITIONS AND CONTRACT DOCUMENTS. FAILURE TO NOTIFY WHILE PROCEEDING WITH WORK SHALL IMPLY ACCEPTANCE OF THE SITE CONDITIONS BY THE CONTRACTOR FOR THE WORK INTENDED.
4. THE CONTRACTOR SHALL PROVIDE ADEQUATE AND SAFE BRACING TO SUPPORT THE COMPONENTS OF THE STRUCTURE UNTIL THE STRUCTURE ITSELF, FLOOR AND ROOF DIAPHRAGMS ARE COMPLETE ENOUGH TO SUPPORT ITSELF. THE SAFETY AND ERECTION OF BRACING SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THERE ARE NO DISCREPENCIES BEWTEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEER'S DRAWINGS WHICH WOULD CAUSE A CONFLICT IN THE INSTALLATION OF THE SYSTEMS. IF SUCH A CONFLICT DOES OCCUR, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ALERT THE ARCHITECT TO THE SITUATION PRIOR TO INSTALLATION. ANY WORK INSTALLED IN CONFLICT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REMEDY WITH NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS, AND MATERIAL INSTALLATION METHODOLOGY.
7. TYPICAL NOTES AND DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE, WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR A SIMILAR CONDITION.
8. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, SERVICES, POINTS OF CONNECTION, AND IRRIGATION LINES IN THE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF WORK. IF PROPER VERIFICATION IS NOT DONE PRIOR TO WORK COMMENCING, AND DAMAGE IS INCURRED THE CONTRACTOR SHALL REPAIR THE DAMAGE AT NO COST TO THE OWNER.
9. ALL DRAWINGS ARE FOR ILLUSTRATION ONLY, THE CONTRACTOR AND SUBCONTRACTORS, SHALL NOT LOCATE ITEMS BY SCALING. IF ITEMS ARE MISLOCATED DUE TO SCALING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND CORRECTLY INSTALLING THE ITEMS AT NO EXPENSE TO THE OWNER.
10. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE A COMPLETE AND FINISHED PRODUCT AND / OR ABUTING EXISTING CONDITION IN A FINSHED AND PROFESSIONAL MANNER.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP THE AREA AROUND THE WORK IN A CLEAN AND SAFE CONDITION. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER. AREA OF WORK SHALL BE COMPLETELY CLEANED AND READY FOR OCCUPANCY UPON COMPLETION OF WORK.
12. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). A COPY OF TITLE 24, PARTS 1-5, SHALL BE AVAILABLE ON THE JOBSITE AT ALL TIMES.
13. CHANGES TO THE DIVISION OF THE STATE ARCHITECT APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA FOR CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE-LIFE SAFETY PORTIONS OF THE PROJECT, AS REQUIRED BY SEC. 4-338, PART 1, T-24, CCR. CHANGES SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK SHOWN THEREON. ALL ADDENDA AND CONSTRUCTION CHANGE DOCUMENTS SHALL BE SIGNED BY THE ARCHITECT.
14. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA, ARCHITECT OF RECORD & STRUCTURAL ENGINEER OF RECORD (WHERE APPLICABLE), SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, T-24, CCR. THE INSPECTOR SHALL BE A CLASS III.
15. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE OWNER SHALL CONDUCT ALL REQUIRED TESTING AND SPECIAL INSPECTIONS FOR THE PROJECT AS IDENTIFIED ON THE DSA 103 TESTING AND INSPECTION FORM.
16. THE PROJECT SHALL CONFORM TO CURRENT ADA STANDARDS 2022 CBC CHAPTER 11-B.
17. FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAWS.
18. 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, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OF NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TILE 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 THE DIVISION OF STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK. (SEC. 4-317(C), PART 1, T-24, CCR.)
19. THE ARCHITECT AND OR ENGINEER SHALL MAKE PERIODIC SITE VISITS DURING CONSTRUCTION TO OBSERVE THE PROGRESS OF THE WORK AND VERIFY GENERAL CONFORMANCE TO THE PLANS AND SPECIFICATIONS IS BEING MET. THESE VISIT DO NOT CONSTITUTE A GUARANTEE OF THE CONTRACTOR'S WORK. A CONTRACTOR'S ERROR THAT GOES UNDETECTED DURING A PERIODIC VISIT DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR PROPERLY PERFORMING THE SCOPE OF THE PROJECT.
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ADJACENT STRUCTURES, PROPERTY, AND SITE FEATURES DURING CONSTRUCTION. ANY DAMAGE TO SUCH ITEMS SHALL BE PROMPTLY RESTORED TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
21. CONTRACTORS AND SUBCONSTRATORS ARE REQUIRED TO SUBMIT THEIR BIDS BASED ON ALL DRAWINGS AND SPECIFICATIONS, NOT SOLELY THE SHEETS OR SECTIONS RELEVANT TO THEIR TRADE.
22. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLIMENTARY IN NATURE, HOWEVER IF A DISCREPANCY OCCURS BETWEEN THE TWO DOCUMENTS, THE MORE STRINGENT REQUIREMENT AND HIGHEST LEVEL OF QUALITY SHALL TAKE PRECENDENCE.
23. ALL DETAILS PROVIDED IN THE CONSTRUCTION DOCUMENTS ARE A PART OF THE CONSTRUCTION SCOPE REGARDLESS OF WHETHER THEY ARE SPECIFICALLY REFERENCED.
24. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

GENERAL DEMOLITION NOTES

1. DEMOLITION PLANS REFERENCE GENERAL ITEMS AND CONDITION VARIATIONS MAY OCCUR WITHIN AREA OF DEMOLITION AND SHALL BE TREATED AS SIMILAR.
2. NOT ALL LOCATIONS FOR DEMOLITION MAY BE NOTED. CONTRACTOR SHALL REVIEW THE PROJECT REQURIEMENTS AND BE FAMLIAR WITH THE EXISTING SITE CONDITIONS FOR EVALUATION OF DEMOLITION WORK NECESSARY TO COMPLETE THE NEW WORK.
3. KEY NOTES REFERENCE GENERAL ELEMENTS FOR DISPOSAL OR SALVAGE. VARIOUS ASSOCIATED ITEMS MAY OCCUR AND SHALL BE REMOVED ACCORDING TO THE NEEDS AND DESIGN INTENT OF THE NEW CONSTRUCTION.
4. THE CONTRACTOR SHALL NOT REMOVE OR ALTER ANY BUILDING ELEMENTS OR SYSTEMS NECESSARY FOR THE BUILDING'S STRUCTURAL INTERGRITY WITHOUT PRIOR AUTHORIZATION FROM THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF RECORD.
5. CONTRACTOR SHALL NOT ALTER OR REMOVE ANY SHEAR WALLS OR BEARING WALLS UNLESS IDENTIFIED ON THE DRAWINGS WITH APPROPRIATE DETAILS. THE COTNRACTOR SHALL TAKE PRECAUTIONS DURING DEMOLITION AND CONSTRUCTION ACITIVITES TO NOT EFFECT THE EXISTING STRUCTURAL SYSTEM OF THE BUILDING. IF DURING THE COURSE OF THE WORK, ELEMENTS THAT ARE IDENTIFIED TO BE DEMOLISHED, BUT APPEAR STRUCTURAL IN NATURE AND NOT IDENTIFIED AS SUCH, THE CONTRACTOR SHALL NOTFIY THE ARCHITECT IMMEDIATELY. THE CONTRACTOR SHALL NOT PROCEED WITH THE DEMOLITION OF SUCH ELEMENTS WITHOUT THE DIRECTION OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF RECORD.
6. AFTER THE DEMOLITION AND REMOVAL OF ELEMENTS, REPAIR AND RESTORE EXISTING FINISHES TO BE LEFT EXPOSED TO THEIR ORIGINAL CHARACTER. WHERE EXISTING FINISHES ARE TO BE HIDDEN WITH NEW MATERIALS, THOSE FINISHES SHALL BE RESTORED TO PROVIDE ADEQUATE SUITABILITY, STRENGTH, AND SUBSTRATE FOR NEW CONSTRUCTION AND FINISHES.
7. CONTRACTOR SHALL COMPLY WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION:
   - 5-2 PROTECTION
   - 5-3 REMOVAL
   - 5-4 RELOCATION
   - 7-8 PROJECT SITE MAINTENANCE
   - 7-9 PROTECTION AND RESTORATION OF EXIST. IMPROVEMENTS
   - 7-10 PUBLIC CONVENIENCE AND SAFETY
8. SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CHAPTER 33 C.B.C. AND CHAPTER 33 C.F.C.
9. THE CONTRACTOR SHALL DISPOSE OF DEMOLITION MATERIALS IN A LEGAL AND ACCEPTABLE MANNER.
10. CONTRACTOR SHALL MAKE AVAILABLE TO OWNER ANY MATERIALS OR EQUIPMENT LISTED FOR DEMOLITION, DISPOSAL. REMOVAL, ETC. UPON OWNERS REQUEST. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGABLE ITEMS.
11. CONTRACTOR SHALL KEEP OPERATING EQUIPMENT OR MATERIALS INDICATED FOR REUSE, RELOCATION, OR OWNER RETENTION IN A SAFE MANNER TO PROTECT THE MATERIAL OR EQUIPMENT FROM DAMAGE.
12. THE CONTRACTOR IS RESPONSIBLE TO PERFORM ALL DEMOLITION WORK NECESSARY TO ALLOW EXECUTION OF ALL REQUIREMENTS OF THE NEW CONSTRUCTION UNDER THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS.
13. THE RECORD DRAWINGS FOR THE FACILITIES TO BE MODERNIZED MAY BE AVAILABLE FROM THE DISTRICT FOR REFERENCE. CONTRACTOR SHALL REQUEST DRAWINGS OR OTHER OWNER SUPPLIED DOCUMENTS PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION ACTIVIITES. THE CONTRACTOR SHALL REVIEW THE RECORD DOCUMENTS TO DETERMINE ANY CONDITIONS WHERE CONFLICTS, HARDSHIPS, OR SIMILIAR ISSUES MAY ARISE. THE CONTRACTOR SHALL NOTIFY THE ARCHTIECT OF ANY CONDITIONS WHERE CONFLICTS MAY ARISE PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES.
14. AREA OF FLOOR SLAB OR PAVING DEMOLITION IS SHOWN AS AN APPROXIMATION ONLY TO DEFINE GENERAL SCOPE OF WORK. EXISTING CONDITIONS MAY REQUIRE A LARGER / DIFFERENTLY CONFIGURED AREA OF DEMOLITION. REMOVAL SHALL BE IN ACCORDANCE TO THE NEEDS AND DESIGN INTENT OF THE NEW CONSTRUCTION. COORDINATE DEMOLITION REQUIREMENTS WITH CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DESIGN AND DRAWINGS.
15. ALL FLOOR SLAB AND/OR PAVING SAWCUTS SHALL BE DONE IN A MANNER THAT CREATES A SHARP, STRAIGHT, AND SQUARE EDGE. SAW CUT EDGES EXPOSED FOR LONG DURATIONS DURING CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR IN ORDER TO LIMIT CHIPPING OF CONCRETE EDGE. IF CHIPPING OR OTHER DAMAGE OCCURS, CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ADDITIONAL FLOOR SLAB AND/OR PAVING TO NEXT AVAILABLE JOINT OR AS DETERMINED BY ARCHITECT AT THE CONTRACTOR'S OWN COST.
16. WHERE EQUIPMENT AND/OR FIXTURES ARE INDICATED TO BE REMOVED ALL RELATED EXPOSED PIPING, CONDUITS, AND ASSOCIATED ITEMS SHALL ALSO BE REMOVED AND/OR PROPERLY TERMINATED TO PROVIDE COMPLETE DEMOLITION.
17. WHERE EXISTING CONSTRUCTION ELEMENTS (FRAMING, FINISHES, PIPES, CONDUITS, DUCTWORK, EQUIPMENT, ETC.) INTERFERE WITH THE INTENDED NEW CONSTRUCTION OR WOULD BE EXPOSED IN OTHERWISE 'FINISHED' AREAS, THESE ITEMS SHALL ALSO BE REMOVED AND/OR RELOCATED.
18. AT DEMOLITION OF DOORS, WINDOWS, FLASHINGS, SOFFITS, ETC. WHERE PLASTER IS DISTURBED AT FINISHES TO REMAIN, REMOVE PLASTER BACK 6" MINIMUM TO EXPOSE LATH TO PERFORM PROPER PLASTER PATCH.
19. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ALL DEMOLITION WORK SPECIFIC TO THOSE BUILDING SYSTEMS.
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST ANY HAZARDOUS ABATEMENT DOCUMENTS FOR THE SCOPE OF WORK TO FULLY UNDERSTAND THE EXTENT OF REMOVAL AND DISPOSAL REQUIREMENTS FOR THOSE MATERIALS.
21. ALL ABATEMENT WORK SHALL BE COMPLETED BY THE CONTRACTOR PRIOR TO DEMOLITION WORK.

GENERAL ACCESIBILITY NOTES

1. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE BETWEEN 34" TO 44" ABOVE THE FLOOR (PANIC HARDWARE SHALL BE BETWEEN 36" TO 44" ABOVE FIN. FLR.). LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND IN A PATH OF TRAVEL, SHALL BE OPENABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, BY EXIT DEVICE, OR PUSH-PULL ACTIVATING BARS. LOCKED EXIT DOORS SHALL OPERATE BY ABOVE IN DIRECTON OF EGRESS.
2. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5.0 POUNDS FOR EXTERIOR AND INTERIOR DOORS, SUCH PUSH OR PULL EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS.
3. DOOR CLOSERS AND GATES CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
4. THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4 AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL.
5. ACCESSIBLE FIXTURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH CALIFORNIA PLUMBING CODE, 2022 EDITION.
6. EXPOSED LAVATORY P-TRAP ASSEMBLIES AND WATER SUPPLY LINES SHALL BE INSTALLED WITH REMANUFACTURED VINYL COVERED P-TRAP, VALVE, AND SUPPLY INSULATED COVER.
7. THE FORCE REQUIRED TO OPERATE LAVATORY OR SINK FAUCETS SHALL BE NO GREATER THAN 5 POUNDS, SELF-CLOSING FAUCETS SHALL HAVE A MINIMUM 10 SECOND CYCLE TIME.
8. ALL ACCESSIBLE GATES WITHIN THE PATH OF TRAVEL SHALL HAVE NON-GRIP HARDWARE MOUNTED BETWEEN 34" TO 44" ABOVE FINISH PAVING. THERE SHALL BE 24" MINIMUM CLEAR SPACE PROVIDED AT THE STRIKE SIDE OF THE GATE FOR ACCESSIBLE MANEUVERING CLEARANCES.
9. ALL DIMENSIONS FOR ACCESSIBLE COMPONENTS, FEATURES, OR CLEAR FLOOR SPACE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
10. WHERE FLOOR DRAINS ARE PROVIDED, FINISHED SURFACE SHALL SLOPE TO DRAIN NO MORE THAN 2% IN ANY DIRECTION. FLOOR DRAINS AND FLOOR SINKS SHALL HAVE 1/2" MAXIMUM GRATE OPENINGS IN ALL DIRECTION.
11. ACCESSIBLE PATH OF TRAVEL (POT) SHALL BE A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED 1:2 MAX SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. POT SHALL BE AT LEAST 48" IN WIDTH WITH A STABLE, FIRM, AND SLIP RESISTANT SURFACE. CROSS SLOPE SHALL NOT EXCEED 2% MAX AND THE SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT EXCEED 5%. POT SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM ABOVE FINISHED SURFACE AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM THE WALL AND 27" ABOVE FINISHED SURFACE, BUT LESS THAN 80" ABOVE FINISHED SURFACE. REFERENCE CBC 11B-202.4.
12. OPENINGS IN GRATINGS OR STRAINERS LOCATED IN THE PEDESTRIAN CIRCULATION PATHS OR PATH OF TRAVEL SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH CBC 11B-302.
13. GATES IN THE PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS.

GENERAL FIRE NOTES

1. FIRE SAFETY AND EVACUATION PLANS SHALL BE MADE AVAILABLE IN TH WORKPLACE FOR REFERENCE AND REVIEW BY EMPLOYEES AND COPIES SHALL BE FURNISHED TO THE FIRE CODE OFFICIAL FOR REVIEW UPON REQUEST.
2. THROUGH PENETRATION FIRE STOPPING FOR ALL FIRE WALLS, FLOORS/CEILING, AND ASSEMBLIES SHALL HAVE AN 'F' OR 'T' RATING PER THE CBC AND STANDARDS. INSTALLATION OF FIRE STOPPING SHALL COMPLY WITH APPROVED METHODS.
3. ALL CONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF 2019 CFC 901.7, SPECIFICALLY 901.7.4 CHAPTER 11 AND 33 AS WELL AS NFPA 241 FIRE PREVENTION PROGRAM THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33 AND CBC CHAPTER 33.

BATCH PLANT INSPECTION NOTES

WHEN CONTINUOUS BATCH PLANT INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY AND SHALL BE DESCRIBED IN THE CONSTRUCTION DOCUMENTS:

1. AN APPROVED AGENCY SHALL CHECK THE FIRST BATCH AT THE START OF THE DAY TO VERIFY MATERIALS AND PROPORTIONS CONFORM TO THE APPROVED MIX DESIGN.
2. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
3. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.

BATCH PLANTS IN WHICH CERTIFICATES HAVE BEEN PROVIDED:

THE PPC BATCH PLANT
OPERATED BY: ROBERTSON'S READY MIX
LOCATION: 1310 SIMPSON WAY, ESCONDIDO, CA 92029

APPLICABLE CODES

2022 BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 24, C.C.R.

2022 CALIFORNIA BUILDING CODE (C.B.C.) PART 2, TITLE 24, C.C.R. (2021 I.B.C., VOL 1-2 AND 2022 CA AMENDMENTS)

2022 CALIFORNIA ELECTRIC CODE (C.E.C.), PART 3, TITLE 24, C.C.R. (2020 N.E.C. AND 2022 CA AMENDMENTS)

2022 CALIFORNIA MECHANICAL CODE (C.M.C.) PART 4, TITLE 24, C.C.R. (2021 U.M.C. AND 2022 CA AMENDMENTS)

2022 CALIFORNIA PLUMBING CODE (C.P.C.), PART 5, TITLE 24, C.C.R. (2021 U.P.C. AND 2022 CA AMENDMENTS)

2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24, C.C.R.

2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24, C.C.R. (2021 I.F.C. AND 2022 CA AMENDMENTS)

2022 CALIFORNIA EXISTING BUILDING CODE (C.E.B.C.) PART 10, TITLE 24, C.C.R. (2021 I.B.C. AND 2022 CA AMENDMENTS)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24, C.C.R.

2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24, C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS 2022 ED.

NFPA 14 - STANDPIPE SYSTEMS 2019 ED.

NFPA 17 - DRY CHEMICAL EXTINGUISHING SYSTEMS 2021 ED.

NFPA 17A - WET CHEMICAL SYSTEMS 2021 ED.

NFPA 20 - STATIONARY PUMPS 2022 ED.

NFPA 24 - PRIVATE FIRE MAINS 2022 ED.

NFPA 25 - STANDARD FOR INSPECTION, TESTING, & MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS 2023 ED.

NFPA 72 - NATIONAL FIRE ALARM CODE (CA AMEND,) 2022 ED. (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

NFPA 80 - FIRE DOORS & OTHER OPENING PROTECTIVES 2022 ED.

NFPA 92 - STANDARD FOR SMOKE CONTROL SYSTEMS 2021 ED.

NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2023 ED.

NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2022 ED.

APPLICABLE STANDARDS

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO C.B.C. CHAPER 35 AND C.F.C. CHAPTER 80.

UL 464 - AUDIBLE SIGNAL DEVICES 2003 ED.

UL 521 - HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS 1999 ED.
REFERENCE CODE SECTION FOR NFPA STANDARDS 2022 C.B.C. (SFM) CHAPTER 35.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122112 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2023

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ARCHITECT OF RECORD

LICENSED ARCHITECT
JOSHUA T. ECKLE
No. C31020
EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

VISTA UNIFIED SCHOOL DISTRICT
EXCELLENCE INNOVATION

BASEBALL BACKSTOP AND PERIMETER FENCING
VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083
VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE
APPLICABLE CODES AND GENERAL NOTES

T-002

T:\ASDG Projects\Active Projects\22-029 VHS Baseball Backstop and Perimeter Fencing\Archicad\22-029 VHS Baseball Backstop and Perimeter Fencing.pln

BASEBALL BACKSTOP AND PERIMETER FENCE

VISTA HIGH SCHOOL

STANDARD ABBREVIATIONS

&	AND
<	ANGLE
@	AT
A	AMP
AB.	ANCHOR BOLT
ABV.	ABOVE
AC.	ASPHALT
A/C.	AIR CONDITIONING
ACOUS.	ACOUSTICAL
AD.	AREA DRAIN
ADJ.	ADJUSTABLE
AGGR.	AGGREGATE
AFF.	ABOVE FINISH FLOOR
AL.	ALUMINUM
AP.	ACCESS PANEL
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASC.	ABOVE SUSPENDED CEILING
AS.	AUTOMATIC SPRINKLER
AUTO.	AUTOMATIC
BD	BOARD
BFG.	BELOW FINISH GRADE
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BM.	BEAM
BRG.	BEARING
BRK.	BRICK
BOT.	BOTTOM
BTU.	BRITISH THERMAL UNIT
C.	CONDUIT
CAB.	CABINET
CB.	CATCH BASIN
CD.	CEILING DIFFUSER
CEM.	CEMENT
CER.	CERAMIC
CF.	CUBIC FEET
CFM.	CUBIC FEET PER MINUTE
CG.	CORNER GUARD
CI.	CAST IRON
CIP.	CAST IN PLACE
CKT. BKR.	CIRCUIT BREAKER
CL.	CENTERLINE
CLG.	CEILING
CLR.	CLEAR
CMU.	CONCRETE MASONRY UNIT
CNTR.	COUNTER
CO.	CLEANOUT
COTG.	CLEANOUT TO GRADE
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CPT.	CARPET
CTR.	CENTER
CTSK.	COUNTERSINK
CW.	COLD WATER
D.	DRAIN
DBL.	DOUBLE
DEPT.	DEPARTMENT
DET.	DETAIL
DF.	DINKING FOUNTAIN
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DMT.	DEMOUNTABLE
DN.	DOWN
DO.	DOOR OPENING
DR.	DRAIN
DS.	DOWNSPOUT
DWG.	DRAWING
DWR.	DRAWER
EXIST.	EXISTING
E.	EAST
EA.	EACH
EF.	EXHAUST FAN
EJ.	EXPANSION JOINT
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
EP.	ELECTRICAL PANELBOARD
EQ.	EQUAL
EQUIP.	EQUIPMENT
EW.	EACH WAY
EWC.	ELECTRIC WATER COOLER
EH.	EXHAUST
EXIST.	EXISTING
EXPO.	EXPOSED
EXP.	EXPANSION
EXT.	EXTERIOR
FAS.	FASTNER
FA.	FIRE ALARM
FB.	FACE BRICK
FCO.	FLOOR CLEANOUT
FD.	FLOOR DRAIN
FDN.	FOUNDATION
FE.	FIRE EXTINGUISHER
FEC.	FIRE EXTINGUISHER CABINET
FF.	FINISH FLOOR
FG.	FINISH GRADE
FH.	FIRE HYDRANT
FHC.	FIRE HOUSE CABINET
FIN.	FINISH
FL.	FLOW LINE
FLR.	FLOOR
FLOUR.	FLOURESCENT
FOC.	FACE OF CONCRETE
FOF.	FACE OF FINISH
FOM.	FACE OF MASONRY
FOS.	FACE OF STUD
FPRF.	FIREPROOFING
FS	FINISH SURFACE
FT.	FOOT
FTG.	FOOTING
FUT.	FUTURE

GA.	GAUGE
GALV.	GALVANIZED
GB.	GRAB BAR
GC.	GENERAL CONTRACTOR
GL.	GLASS
GI.	GALVANIZED IRON
GND.	GROUND
GPDW.	GYPSUM DRYWALL
GRD.	GRADE
GV.	GATE VALVE
GYP.	GYPSUM
HB.	HOSE BIB
HC.	HOLLOW CORE
HD.	HEAD
HDR.	HEADER
HDW.	HARDWARE
HM.	HOLLOW METAL
HDWD.	HARDWARE
HNDRL.	HANDRAIL
HORIZ.	HORIZONTAL
HVAC.	HEATING, VENTILATING, AIR CONDITIONING
ID.	INSIDE DIAMETER
IE.	INVERT ELEVATION
IF.	INSIDE FACE
IN.	INCH
INC.	INCLUDE
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
JAN.	JANITOR
JST.	JOIST
JT.	JOINT
KIT.	KITCHEN
KP.	KICK PLATE
KVA	KILOVOLT AMPERES
KW	KILOWATT
MAS.	MASONRY
MAT'L.	MATERIAL
MAX.	MAXIMUM
MC.	MEDICINE CABINET
MECH.	MECHANICAL
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MO.	MASONRY OPENING
MTD.	MOUNTED
MTL.	METAL
MUL.	MULLION
N.	NORTH
NIC.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
NTS.	NOT TO SCALE
OA.	OUTSIDE AIR
O/A	OVERALL
OBS.	OBSCURE
OC.	ON CENTER
OD.	OUTSIDE DIAMETER
OFF.	OFFICE
OH.	OPPOSITE HAND
OPNG.	OPENING
OPP	OPPOSET
OVHD.	OVERHEAD
PAV.	PAVING
PC.	PRECAST CONCRETE
PCC.	PORTLAND CEMENT CONCRETE
PHP.	PARTIAL HEIGHT PARTITION
PLT.	PLATE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
PLBG.	PLUMBING
POC.	POINT OF CONNECTION
PP.	POWER POLE
PRCST	PRE-CAST
PSI.	POUNDS PER SQUARE INCH
PT.	POINT
PTD.	PAPER TOWEL DISPENSER
PTN.	PARTITION
PVMT.	PAVEMENT
QT.	QUARRY TILE
R.	RISER
RAD.	RADIUS
REC.	RECESSED
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCED
REQ'D.	REQUIRED
REV.	REVISION
RESIL.	RESILIENT
RD.	ROOF DRAIN
RM.	ROOM
RO.	ROUGH OPENING
RDWD.	REDWOOD
S.	SOUTH
SC.	SOLID CORE
SCHED.	SCHEDULE
SD.	SOAP DISPENSER
SECT.	SECTION
SF.	SQUARE FOOT
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR
SMH	SEWER MANHOLE
SND.	SANITARY NAPKIN DISPENSER
SOV.	SHUT OFF VALVE
SPEC.	SPECIFICATIONS
SPKR.	SPRINKLER
SQ.	SQUARE
SS.	STAINLESS STEEL

STA.	STATION
STD.	STANDARD
STL.	STEEL
ST.	STEEL
STO.	STORAGE
STRUC.	STRUCTURAL
STR.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMMETRICAL
T	TREAD
TB.	TOWEL BAR
T&B	TOP AND BOTTOM
TOC	TOP OF CURB
TEL.	TELEPHONE
TEM.	TEMPERED
TER.	TERAZZO
TF.	TOP OF FOOTING
T&G	TONGUE AND GROOVE
THK.	THICK
TP.	TOP OF PARAPET
TPD.	TOILET PAPER DISPENSER
TS	TOP OF STRUCTURE
TTB.	TELEPHONE TERMINAL BACKBOARD
TV.	TELEVISION
TOW.	TOP OF WALL
TYP.	TYPICAL
UG.	UNDERGROUND
UNF.	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
UR	URINAL
UTIL.	UTILITY
VAR.	VARIES
VB.	VAPOR BARRIER
VCT.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
VIF.	VERIFY IN FIELD
VTR.	VENT THROUGH ROOF
W	WEST
W/	WITH
WC.	WATER CLOSET
WCO.	WALL CLEAN OUT
WD.	WOOD
WDW.	WINDOW
WH.	WATER HEATER
W/O	WITHOUT
WP.	WATERPROOF
WSCT.	WAINSCOT
WT.	WEIGHT
WWF.	WELDED WIRE FABRIC
WWM.	WELDED WIRE MESH

TYPICAL SYMBOLS

ACOUSTIC TILE CEILING (ATC) IN SUSPENDED T-BAR CEILING GRID (2'X4')

GYPSUM BOARD CEILING (INTERIOR) STUCCO SOFFIT (EXTERIOR)

SUSPENDED LIGHT FIXTURE IN ATC

LIGHT FIXTURE

AIR DIFFUSER (SUPPLY)

AIR DIFFUSER (RETURN)

FINISHED CEILING HEIGHT, WHERE HEIGHTS ARE NOT INDICTAED REFER TO FINISH SCHEDULE.

DOOR (NEW OR EXISTING)

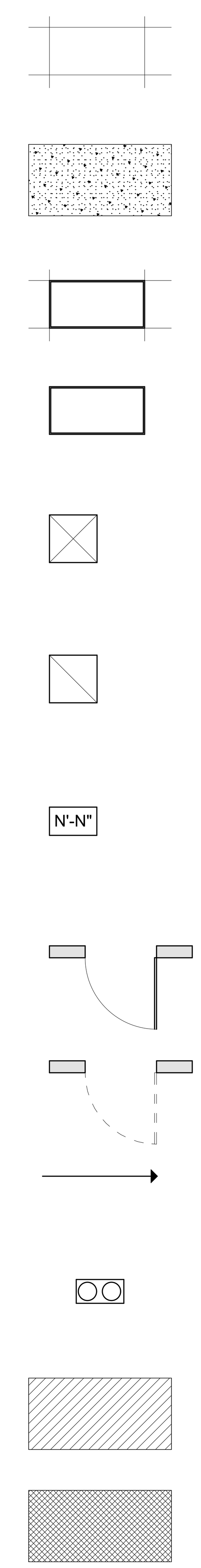
DOOR TO BE DEMOLISHED

DIRECTION OF FLOW

ROOF DRAIN/OVERFLOW DRAIN

CRICKET

APPROXIMATE LOCATION OF PROTECTIVE ROOF WALKTOP



ROOM ELEVATION

DETAIL REFERENCE

EXTERIOR ELEVATION MARKER

SECTION MARKER

DOOR IDENTIFICATION

WINDOW IDENTIFICATION

REVISION

KEYNOTE

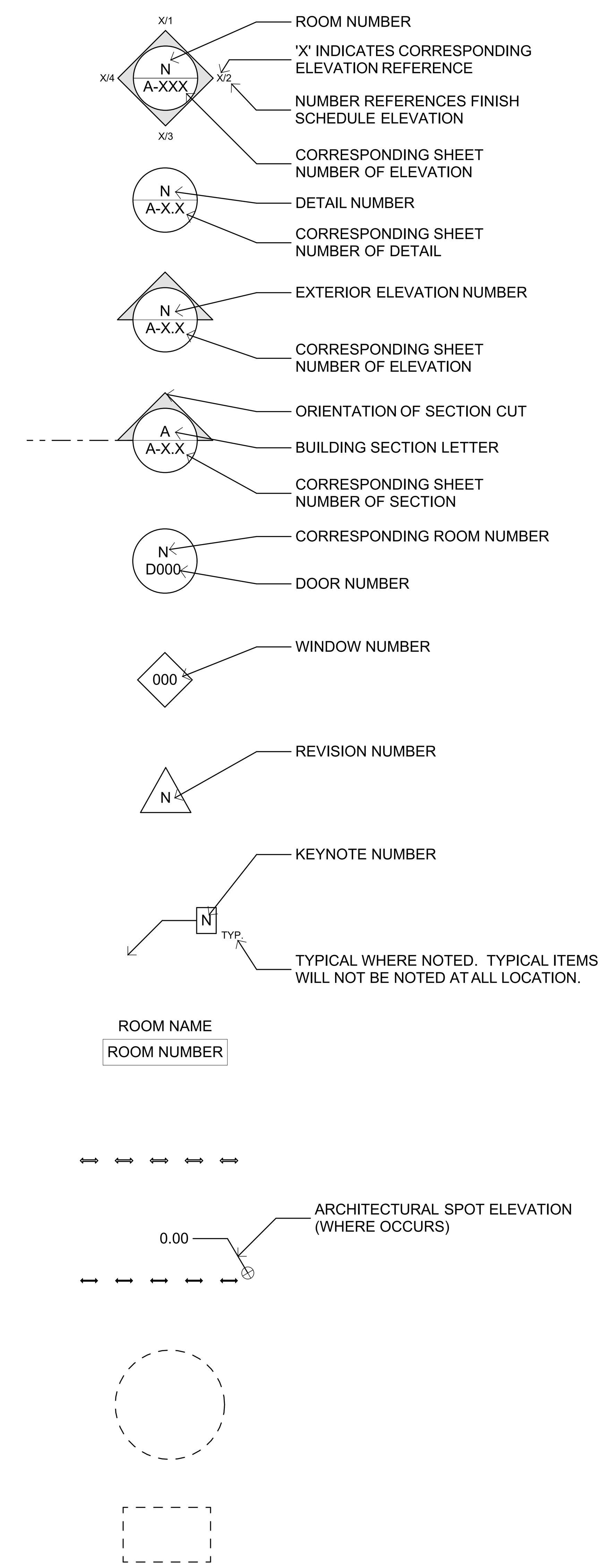
ROOM NAME/NUMBER MARKER

EXISTING ACCESSIBLE PATH OF TRAVEL (POT)

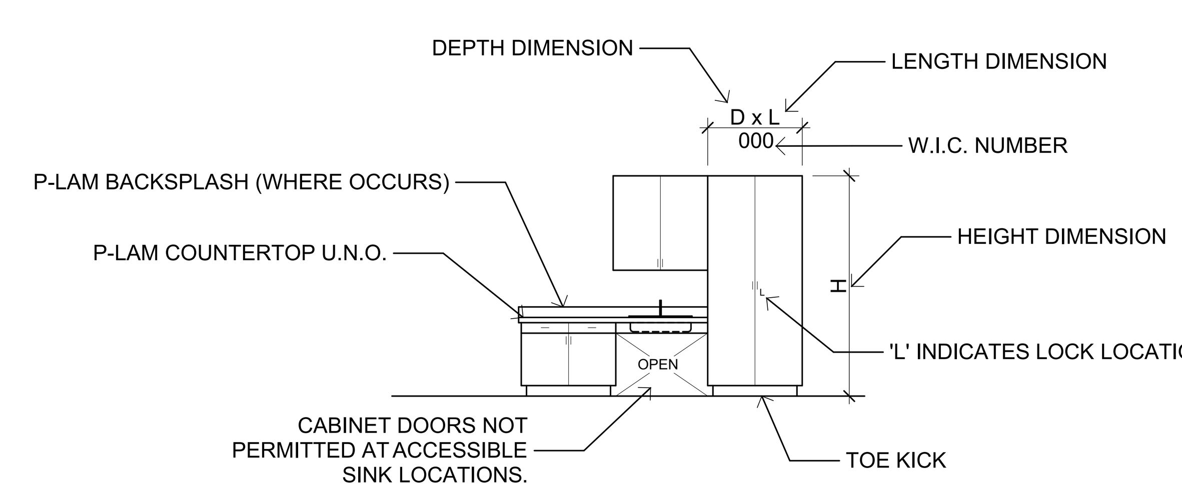
NEW ACCESSIBLE PATH OF TRAVEL (POT)

60" DIAMETER ACCESSIBLE CLEAR SPACE

30"X48" ACCESSIBLE CLEAR SPACE



TYPICAL CABINET DESIGNATION (BASE, FULL, OVERHEAD)



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122112 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2023

ALPHASTUDIO DESIGN GROUP

6152 INNOVATION WAY
CARLSBAD, 92009
760-431-2444
www.alphastudio-design.com

ARCHITECT OF RECORD

LICENSED ARCHITECT
JOSHUA T. ECKLE
No. C31020
EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

EXCELLENCE INNOVATION VISTA UNIFIED SCHOOL DISTRICT

BASEBALL BACKSTOP AND PERIMETER FENCING
VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083
VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

ABBREVIATIONS AND TYPICAL SYMBOLS

T-003

T:\ASDG Projects\Active Projects\22-029 VHS Baseball Backstop and Perimeter Fencing\Archicad\22-029 VHS Baseball Backstop and Perimeter Fencing.pln

VISTA UNIFIED SCHOOL DISTRICT

1 PANTHER WAY
VISTA, CA 92084

VISTA HIGH SCHOOL
BASEBALL BACKSTOP AND PERIMETER FENCE

CIVIL ENGINEER'S NOTES TO CONTRACTOR

1. CONTRACTOR TO POTHOLE AND VERIFY DEPTH AND LOCATION OF ALL UTILITY CONNECTIONS PRIOR TO THE START OF CONSTRUCTION. ANY DEVIATIONS FROM WHAT IS SHOWN ON THE CIVIL PLANS HEREON SHOULD BE CONVEYED TO THE CIVIL ENGINEER FOR NECESSARY DESIGN REVISIONS.
2. ALL LANDSCAPE AREAS SHALL BE GRADED TO SLOPE AWAY FROM STRUCTURES AND PROPERTY LINES TOWARD LANDSCAPE DRAINAGE SWALES AND OR SITE DRAIN INLETS AT 2% MINIMUM GRADIENT (1% WHERE FLOW IS CONCENTRATED). SMOOTH FINISH GRADES TO ELIMINATE PONDING OR STANDING WATER.
3. ALL LANDSCAPE DRAINS SHALL BE 4" MINIMUM CONSTRUCTED WITH RIGID BELOW GRADE PIPING WITH A 1% MINIMUM GRADIENT UNLESS OTHERWISE NOTED.
4. LANDSCAPE DRAINS, CATCH BASINS, INLETS, ETC. SHOWN HEREON ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE COMPLETE DRAINAGE SYSTEMS AND ADJUST THE LAYOUT AS REQUIRED TO MATCH SITE CONDITIONS AND OR MINOR DISCREPANCIES WITH THESE PLANS.
5. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO MAINTAIN PROPER DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION.
6. CONTRACTOR SHALL NOTIFY ENGINEER UPON THE DISCOVERY OF AREAS WHICH DO NOT DRAIN PROPERLY OR ANY OTHER DISCREPANCY OR AREA WHICH HAS NOT BEEN ADEQUATELY ADDRESSED AS A RESULT OF A FIELD CONDITION OR ANOMALY IN THE TOPOGRAPHY.
7. HARDSCAPE GRADES SHALL BE 0.02' BELOW DRIP SCREED AT HIGHEST POINT NEAR STRUCTURE AND SHALL SLOPE AT A 1% MINIMUM GRADE TO DRAINS OR LANDSCAPE AREAS. HARDSCAPE SHALL SLOPE AND DRAIN AWAY FROM THE STRUCTURE UNLESS OTHERWISE NOTED.
8. THE HIGHEST ADJACENT GRADE AGAINST STRUCTURE FOOTINGS SHALL BE PER THE LATEST GREEN BOOK STANDARD.
9. DEEPENED FOOTINGS OR YARD DRAINS SHOULD BE CONSIDERED IF THE SIDE YARD CROSS SLOPES EXCEED 10%. CONTRACTOR TO VERIFY WITH OWNER OR DEVELOPER.
10. EARTHWORK QUANTITIES SHOWN HEREON ARE RAW QUANTITIES CALCULATED FOR PERMIT AND OR BONDING PURPOSES ONLY. UNLESS NOTED, THEY DO NOT INCLUDE POTENTIAL SHRINKAGE OR BULKING FACTORS, REMEDIAL GRADING, FOOTING SPOILS, UTILITY TRENCH SPOILS, ETC. THE CONTRACTOR SHALL VERIFY QUANTITIES TO THEIR OWN SATISFACTION.
11. THE LOCATIONS OF UNDERGROUND STRUCTURES AND UTILITIES SHOWN HEREON HAVE BEEN OBTAINED FROM AVAILABLE RECORDS FOR THE BENEFIT OF THE CONTRACTOR. THE DEPICTION OF UTILITIES SHOWN ON THESE PLANS DOES NOT CONSTITUTE A GUARANTEE OF THEIR EXACT LOCATION, DEPTH, SIZE, OR TYPE. EXACT LOCATION, DEPTH, TYPE AND SIZE MAY BE VERIFIED BY POTHOLING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT ALL UNDERGROUND AND/OR OVERHEAD STRUCTURES AND/OR UTILITIES WHETHER OR NOT THEY ARE SHOWN HEREON.
12. CONTRACTOR SHALL NOTIFY DIGALERT @ 800-227-2600 OR UNDERGROUND SERVICE ALERT (USA) @ 800-422-4133 AT LEAST TWO DAYS BEFORE START OF CONSTRUCTION.
13. CONTRACTOR IS RESPONSIBLE FOR POTHOLING PRIOR TO START OF CONSTRUCTION TO VERIFY ALL ELEVATIONS OF EXISTING UNDERGROUND UTILITIES.
14. MSE/ WALLS SHALL BE CONSTRUCTED WITH FULL SPECIAL INSPECTION BY OTHERS ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
15. MSE/KEYSTONE RETAINING WALLS SHALL BE CERTIFIED BY THE SOILS ENGINEER OF WORK AS BEING CONSTRUCTED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AGENCY APPROVAL OF THE ROUTE AND SITE LOCATION FOR EXPORT AND OR IMPORT MATERIALS.
17. FOOTING SUBGRADE MATERIAL SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO FORMING OR STEEL PLACEMENT FOR ALL EARTH RETAINING STRUCTURES.
18. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR AGREES TO DEFEND, INDEMNIFY AND HOLD THE JURISDICTIONAL AGENCY AND THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE JURISDICTIONAL AGENCY OR DESIGN PROFESSIONAL.

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS AND THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE (CBC). SEE PAGE CS FOR APPLICABLE CODES FOR THIS PROJECT.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND USA ALERT (1- 800-422-4133) 48 HOURS PRIOR TO GRADING.
3. DUST SHALL BE CONTROLLED BY WATERING OR OTHER METHODS APPROVED BY THE SCHOOL DISTRICT.
4. CUT SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE APPROVED, AND SHALL BE SHOWN ON THE PLAN.
5. FILL SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE APPROVED, SHALL BE SHOWN ON PLAN, AND SHALL NOT HAVE LESS THAN 95% RELATIVE COMPACTION OUT TO THE FINISHED SURFACE.
6. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED AND INSPECTED BY THE GRADING INSPECTOR AND APPROVED SOILS TESTING AGENCY PRIOR TO THE PLACING OF FILL.
7. ALL FILL MATERIAL SHALL BE CLEAN EARTH, NO FILL SHALL BE PLACED UNTIL PREPARATION OF GROUND IS APPROVED BY THE SOILS ENGINEER.
8. FINISH GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR WALLS AT NOT LESS THAN ½ INCH PER FOOT FOR A MINIMUM OF 3 FEET, THEN 1% (MINIMUM) TO FLOW LINE OF EARTH SWALE.
9. NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATERCOURSES SHALL BE PERMITTED.
10. APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING THE GRADING PROJECT
11. APPROVED EROSION PREVENTIVE DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE RAINY SEASON AND SHALL BE IN PLACE AT THE END OF EACH DAYS WORK.
12. ALL WORK SHALL CONFORM TO THE CITY AND STATE CONSTRUCTION SAFETY ORDERS.
13. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
14. AN APPROVED SET OF GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES.
15. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE FROM BEGINNING TO COMPLETION OF GRADING OPERATIONS.
16. ALL SLOPES SHALL BE PLANTED AND IRRIGATION FACILITIES SHALL BE PROVIDED FOR ALL SLOPES IN EXCESS OF 3 FEET VERTICAL HEIGHT WITHIN 90 DAYS AFTER COMPLETION OF ROUGH GRADING.
17. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS
BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

SPECIAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK.

I. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS, THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.

2. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE ARCHITECT AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ARCHITECT OR THE ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES AND STORM DRAINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL SUBMIT AN RFI TO THE ARCHITECT FOR DISTRIBUTION TO AND RESPONSE BY THE CIVIL ENGINEER PRIOR TO PERFORMING ANY WORK RELATED TO THE AREA(S) IN QUESTION. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (GRAVEL BAGS, HAY BALES. TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER AGENCY OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
4. BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY.
5. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
6. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.
7. CONTRACTOR SHALL NOTIFY ANAHEIM PUBLIC UTILITIES PRIOR TO STARTING WORK NEAR ELECTRIC FACILITIES AND SHALL COORDINATE WORK WITH ANAHEIM PUBLIC UTILITIES REPRESENTATIVES. CONTRACTOR SHALL NOTIFY SOCALGAS PRIOR TO STARTING WORK NEAR GAS FACILITIES AND SHALL COORDINATE WORK WITH SOCALGAS REPRESENTATIVES. FOR LOCATION OF ELECTRICAL CABLES, GAS PIPING AND APPURTENANCES CONTACT DIGALERT, TELEPHONE 811 OR 800-422-4133.
8. CONTRACTOR SHALL NOTIFY THE TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES FOR LOCATION OF CABLES AND APPURTENANCES.
9. WHERE TRENCHES ARE WITHIN EASEMENTS OR WITHIN 10' OF ANY BUILDING, A REPORT SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH INDICATES THAT TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE SOILS ENGINEER AND IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS
10. ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED SOILS ENGINEER. ALL AREAS TO BE FILLED SHALL BE PREPARED TO BE FILLED AND ALL FILL SHALL BE PLACED IN ACCORDANCE WITH THE GRADING SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.

AGENCY NOTIFICATIONS

NOTE: THE CONTRACTORS SHALL NOTIFY THE UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION BY CONTACTING (800) 422-4133

SOURCE OF TOPOGRAPHY

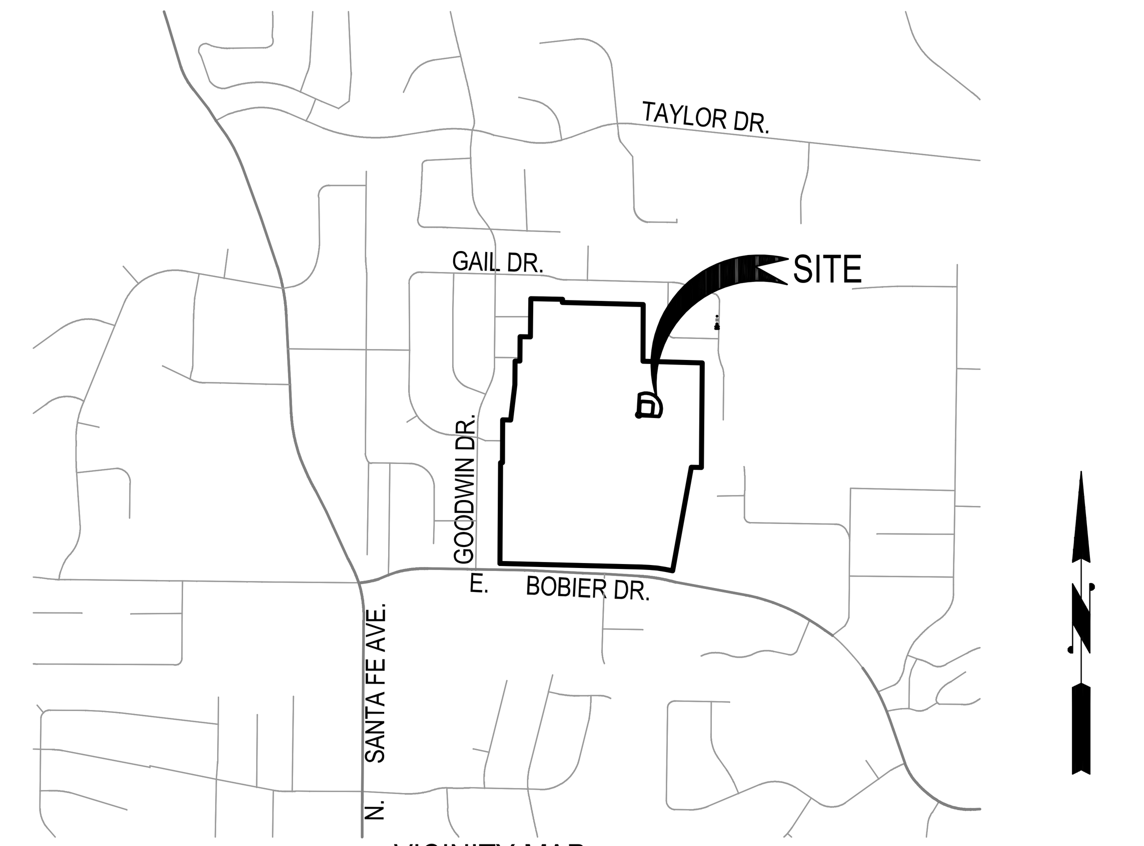
AERIAL TOPOGRAPHIC SURVEY PREPARED BY INLAND AERIAL SURVEYS, INC
(FLOWN ON AUGUST 21, 2014)

ABBREVIATIONS

AB	AGGREGATE BASE	POC	POINT OF CONNECTION
AC	ASPHALTIC CONCRETE	POT	PATH OF TRAVEL
AP	ANGLE POINT	PVC	POLYVINYL CHLORIDE PIPE
CO	CLEANOUT	R	RIDGELINE
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
DEMO	DEMOLITION	RIM	TOP OF RIM ELEVATION
DF	DEEPENED FOOTING	S	SLOPE
E	ELECTRIC	SD	STORM DRAIN
EX	EXISTING	SDA	SAFE DISPERSAL AREA
FF	FINISHED FLOOR ELEVATION	S/SS	SANITARY SEWER
FG	FINISHED GRADE ELEVATION	SSCO	SANITARY SEWER CLEANOUT
FL	FLOWLINE	SW	STEM WALL
FS	FINISHED SURFACE ELEVATION	TC	TOP OF CURB
F	FIRE SERVICE WATER	TG	TOP OF GRATE
GB	GRADE BREAK	TF	TOP OF FOOTING
GV	GATE VALVE	TW	TOP OF WALL
IE	INVERT ELEVATION	TYP	TYPICAL
LT	LIGHT POLE	W	WATER
PA	PLANTER AREA	WV	WATER VALVE
PL	PROPERTY LINE		

SHEET INDEX

SHEET NO.	DESCRIPTION
C-001	TITLE SHEET
C-002	DEMOLITION PLAN
C-003	PRECISE GRADING PLAN
C-004	EROSION CONTROL PLAN
C-005	DETAIL SHEET



VICINITY MAP
NOT TO SCALE

CONSTRUCTION NOTES

NO.	CONSTRUCTION NOTE	SYMBOL	QUANTITIES
1	CONSTRUCT RETAINING WALL PER ARCHITECTURAL DETAIL		100 LF
2	CONSTRUCT SAFETY NETTING ABOVE EXISTING DUGOUTS PER ARCHITECTURAL DETAILS ON A-106		
3	INSTALL GATE AND FENCING PER ARCHITECTURAL DETAILS	—X—	
4	CONSTRUCT CHAIN LINK BACKSTOP PER ARCHITECTURAL DETAIL 5/A-105	—X—	
5	RELOCATE EXISTING 12" SQUARE GRATE AND ADJUST TO GRADE		1 EA
6	INSTALL COMPOSITE HEADER		70 LF
7	CONSTRUCT 5'' P.C.C. TO NEAREST EXPANSION JOINT PER ARCHITECTURAL PLANS.		1,930 SF
8	CONSTRUCT DECOMPOSED GRANITE SURFACING PER ARCHITECTURAL PLANS.		832 SF
9	INSTALL CLASS II BASE PER ARCHITECTURAL PLANS		1,295 SF
10	REMOVE AND REPLACE EX. CONCRETE WALKWAY TO NEAREAST JOINT PER ARCHITECTURAL PLANS.		32 SF
12	SAWCUT EXISTING CONCRETE PER PLAN.		
13	INSTALL 1212CB BROOKS BOX (ADA RATED GRATE) OR APPROVED EQUAL.		2 EA
14	INSTALL 2424CB BROOKS BOX (ADA PARKWAY RATED GRATE) OR APPROVED EQUAL.		2 EA
15	INSTALL 8" PVC STORM DRAIN. PIPE BEDDDING AND TRENCH BACKFILL PER SDRSD D-60.	—SD—	171 LF
16	ADJUST EXISTING UTILITY BOX TO GRADE		
17	CONSTRUCT 6" CURB PER SDRSD G-1		55 LF
18	INSTALL STORM DRAIN BEND FITTING		1 EA

IDENTIFICATION STAMP
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EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

REGISTERED PROFESSIONAL ENGINEER
WILLIAM J. SUITER
No. RCE 68964
EXP. 12-31-23
Civil
STATE OF CALIFORNIA

BASEBALL BACKSTOP AND PERIMETER FENCING
VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 22-029
MODEL FILE:
VHS Baseball Backstop and Perimeter2.pln
PLOT DATE:
2/1/2023

SHEET TITLE
TITLE SHEET

PASCO LARET SUITER & ASSOCIATES
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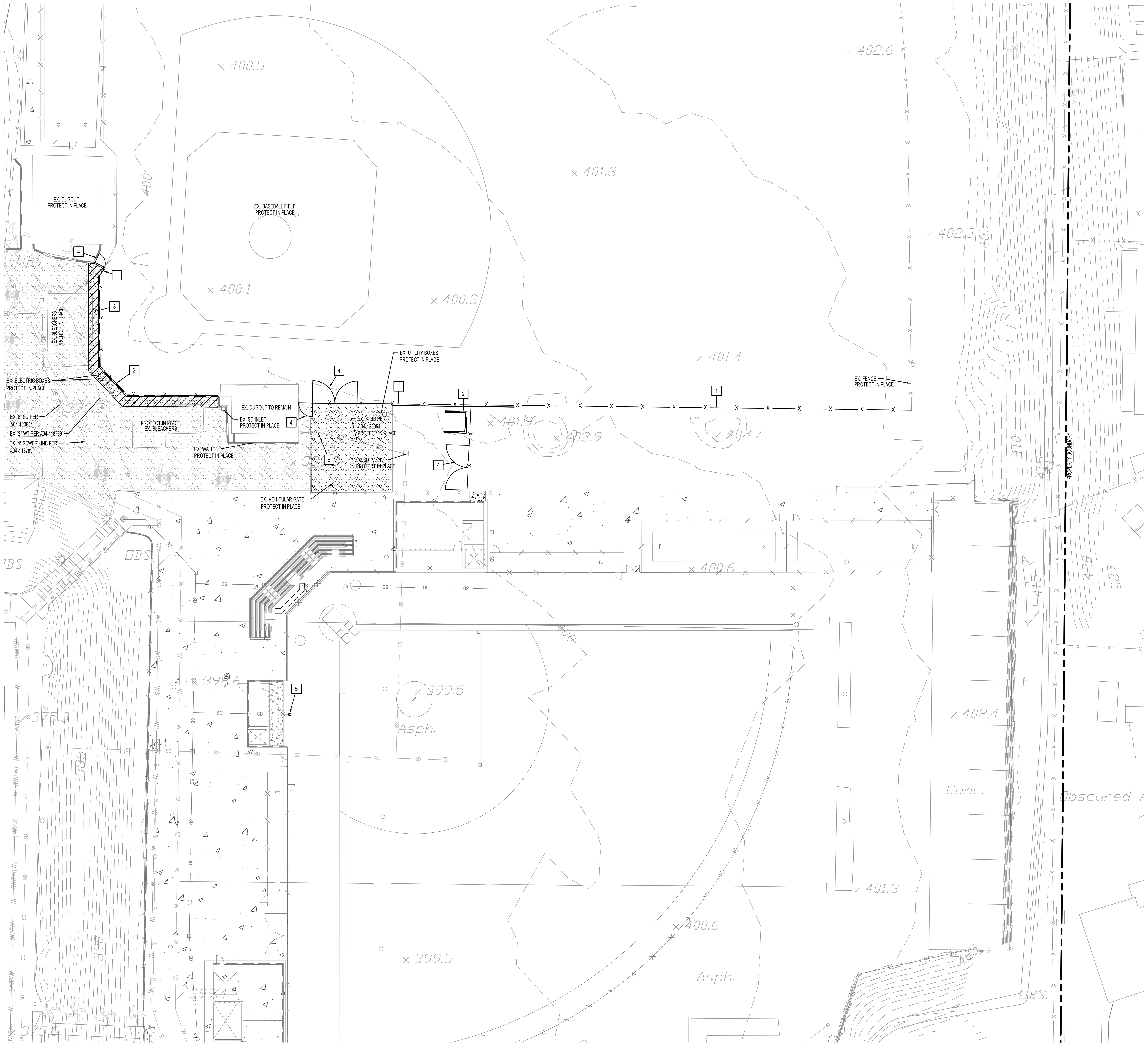
C-001

Z:\Shared\AlphaStudio\ASDG Projects\Active Projects\18-037 Classroom Building at Vista HS\ArchiCAD\18-037 Vista HS Classroom Buildings.pln



DEMOLITION NOTES

1. REMOVE EXISTING CHAIN LINK FENCE AND EXISTING FOOTINGS
2. REMOVE EXISTING CMU BACKSTOP AND WALL
3. REMOVE EXISTING CONCRETE SIDEWALK TO NEAREST JOINT
4. REMOVE EXISTING CHAIN LINK GATE
5. REMOVE EXISTING 6" GRATE
6. RELOCATE EXISTING 12" GRATE INLET. SEE C-03 FOR NEW LOCATION.

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Civil
STATE OF CALIFORNIA

BASEBALL BACKSTOP AND PERIMETER FENCING

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1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 22-029

MODEL FILE:
VHS Baseball Backstop and Perimeter2.pln

PLOT DATE:
2/1/2023

SHEET TITLE

DEMOLITION PLAN

0 20 40 60
SCALE 1" = 20'

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C-002

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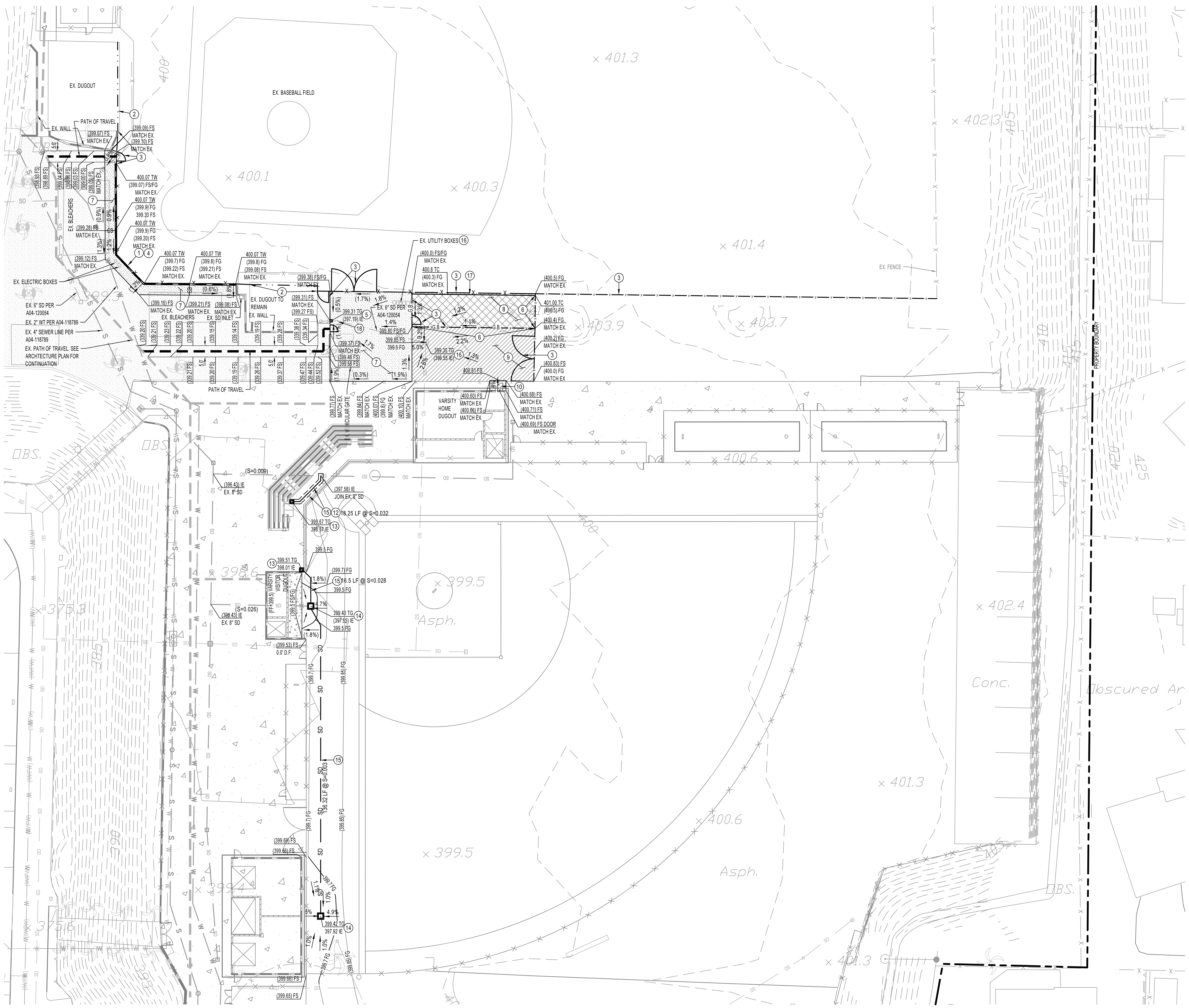

CONSTRUCTION NOTES

1. CONSTRUCT RETAINING WALL PER ARCHITECTURAL DETAIL
2. CONSTRUCT SAFETY NETTING ABOVE EXISTING DUGOUTS PER ARCHITECTURAL DETAILS ON A-106
3. INSTALL GATE AND FENCING PER ARCHITECTURAL DETAILS
4. CONSTRUCT CHAIN LINK BACKSTOP PER ARCHITECTURAL DETAIL 5/A-105
5. RELOCATE EXISTING 12" SQUARE GRATE AND ADJUST TO GRADE
6. INSTALL COMPOSITE HEADER
7. CONSTRUCT 5'' P.C.C. TO NEAREST EXPANSION JOINT PER ARCHITECTURAL PLANS.
8. CONSTRUCT DECOMPOSED GRANITE SURFACING PER ARCHITECTURAL PLANS.
9. INSTALL CLASS II BASE PER ARCHITECTURAL PLANS
10. REMOVE AND REPLACE EX. CONCRETE WALKWAY TO NEAREAST JOINT PER ARCHITECTURAL PLANS.
12. SAWCUT EXISTING CONCRETE PER PLAN.
13. INSTALL 1212CB BROOKS BOX (ADA RATED GRATE) OR APPROVED EQUAL.
14. INSTALL 2424CB BROOKS BOX (ADA PARKWAY RATED GRATE) OR APPROVED EQUAL.
15. INSTALL 8" PVC STORM DRAIN. PIPE BEDDDING AND TRENCH BACKFILL PER SDRSD D-60.
16. ADJUST EXISTING UTILITY BOX TO GRADE
17. CONSTRUCT 6" CURB PER SDRSD G-1
18. INSTALL STORM DRAIN BEND FITTING

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CIVIL
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EXCELLENCE INNOVATION

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VISTA HIGH SCHOOL
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VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 22-029

MODEL FILE:
VHS Baseball Backstop and Perimeter2.pln

PLOT DATE:
2/1/2023

SHEET TITLE

PRECISE GRADING PLAn

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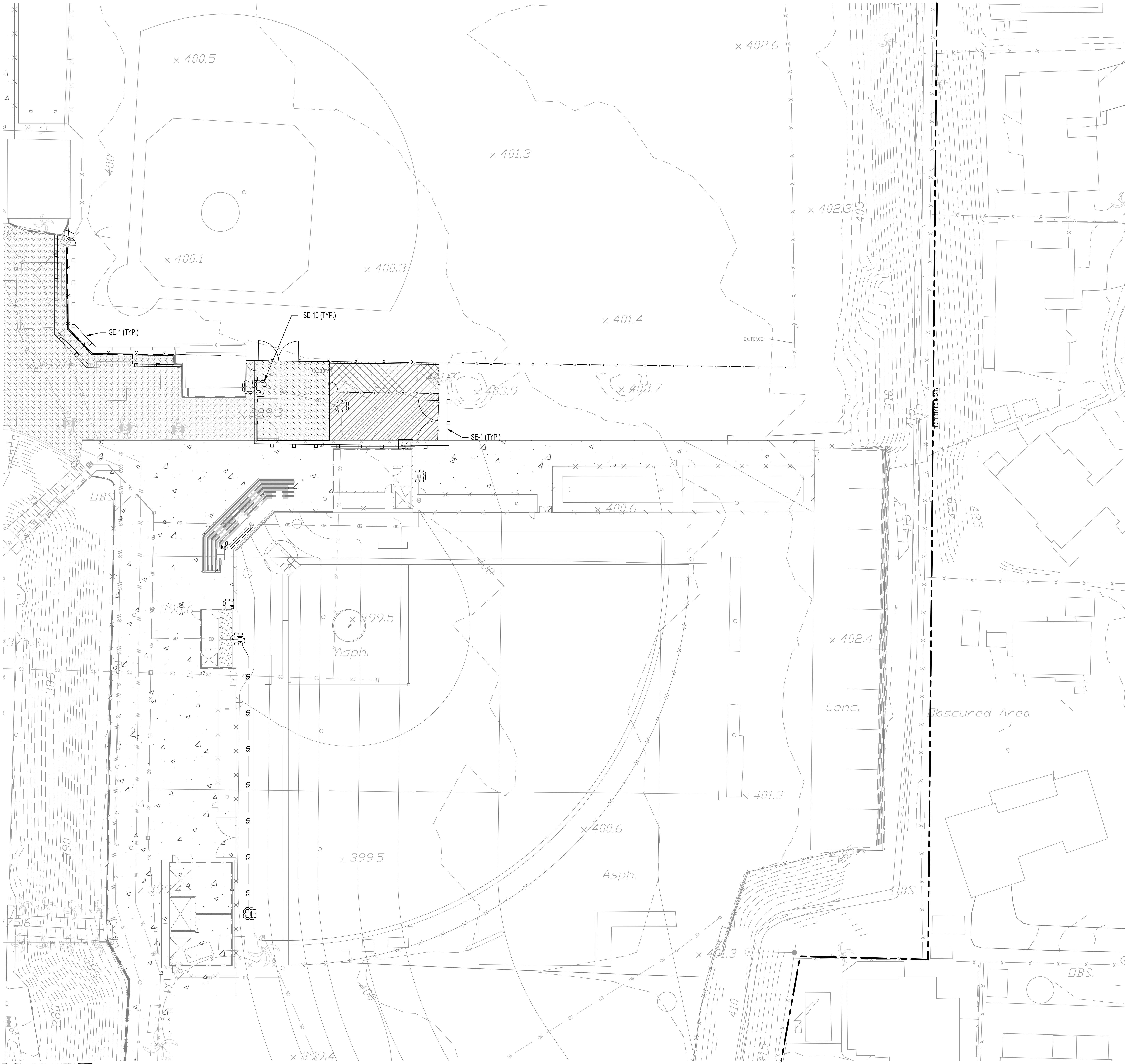
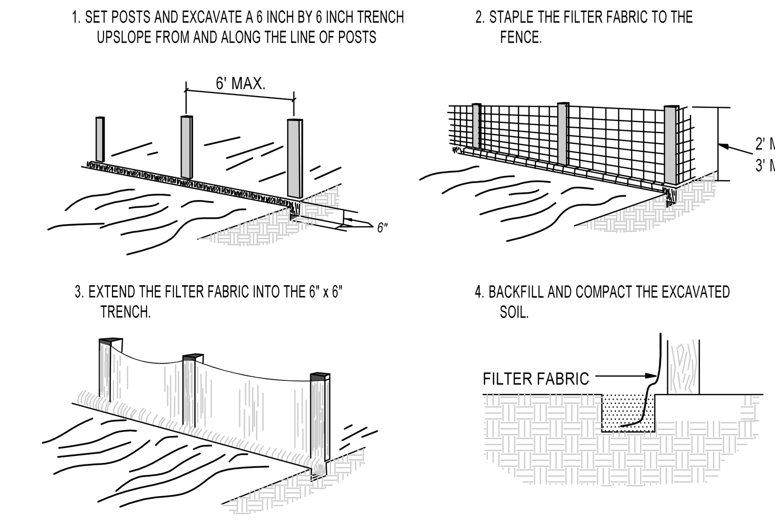


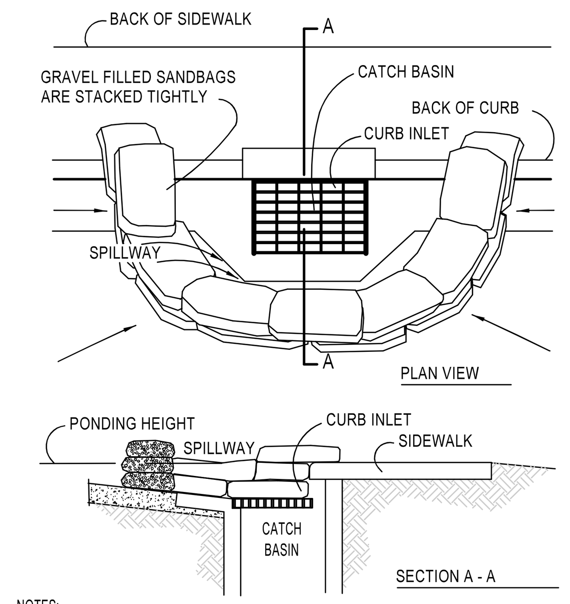
DESCRIPTION	QTY	SYMBOL
SE-1 SILT FENCE	410 LF	
SE-10 STORM DRAIN INLET PROTECTION (GRAVEL BAGS)	8 EA	



NOTE:
THE SILT FENCE SHOULD BE SUPPORTED BY A WIRE MESH IF THE FILTER FABRIC DOES NOT HAVE SUFFICIENT STRENGTH AND BURSTING STRENGTH CHARACTERISTICS (AS RECOMMENDED BY THE FABRIC MANUFACTURER)

SILT FENCE DETAIL

NOT TO SCALE



NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

STORM DRAIN INLET PROTECTION DETAIL

NOT TO SCALE

EROSION AND SEDIMENT CONTROL NOTES

1. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
2. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.0' 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.
3. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
5. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
6. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY WATER EROSION AND SEDIMENT CONTROL DEVICES WHEN RAIN IS IMMINENT.
7. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE INSPECTOR OR AFTER EACH RUN-OFF PRODUCING RAINFALL.
8. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE AGENCY PERSONNEL DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
10. 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 INSPECTOR.
11. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
12. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
13. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING THE AREAS FOR WHICH THE CONTRACTOR OR A QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
14. 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, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

0 20 40 60
SCALE 1" = 20'

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VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 22-029
MODEL FILE:
VHS Baseball Backstop and Perimeter2.pln
PLOT DATE:
2/1/2023

SHEET TITLE
EROSION CONTROL PLAN

C-004

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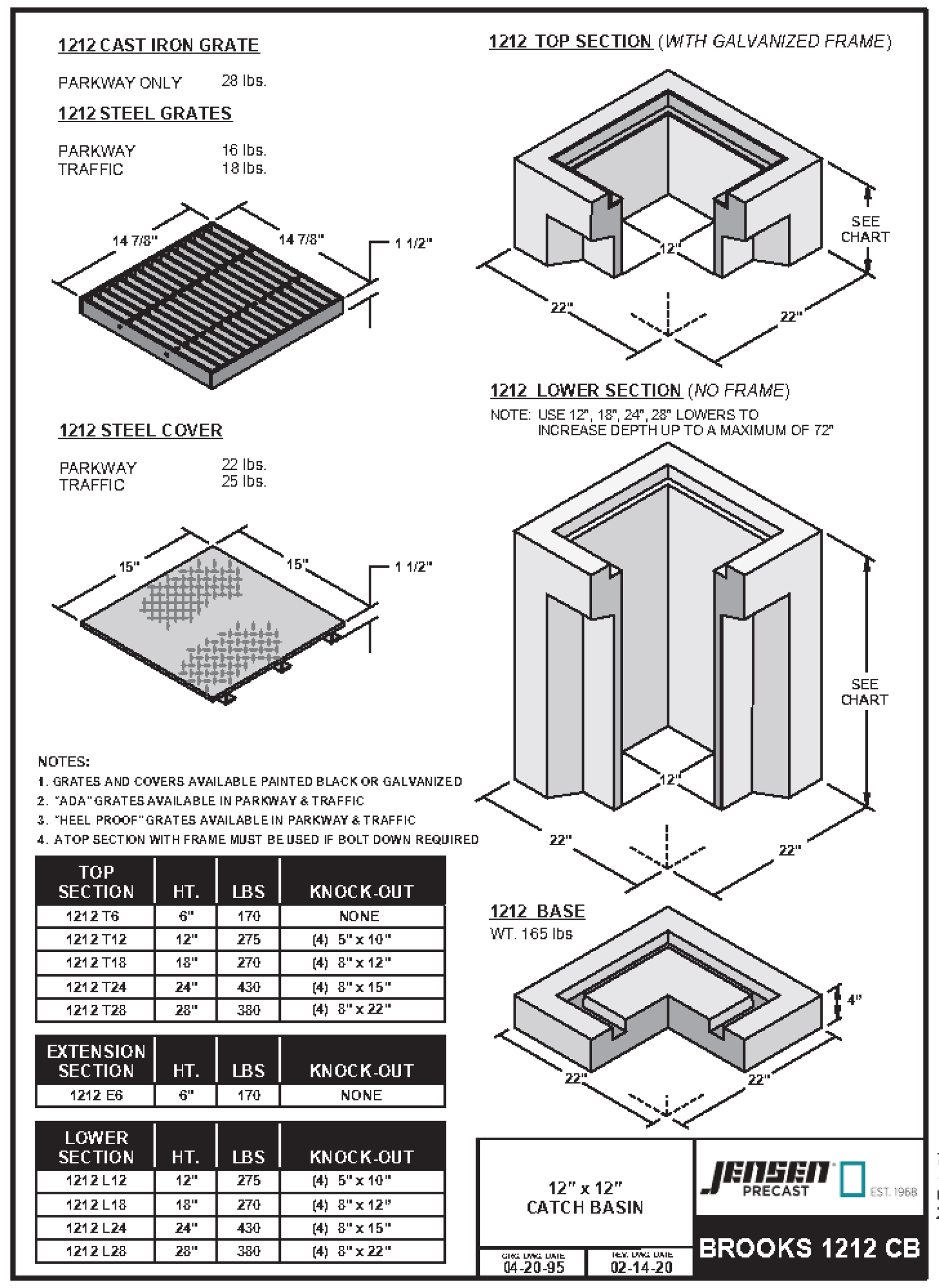


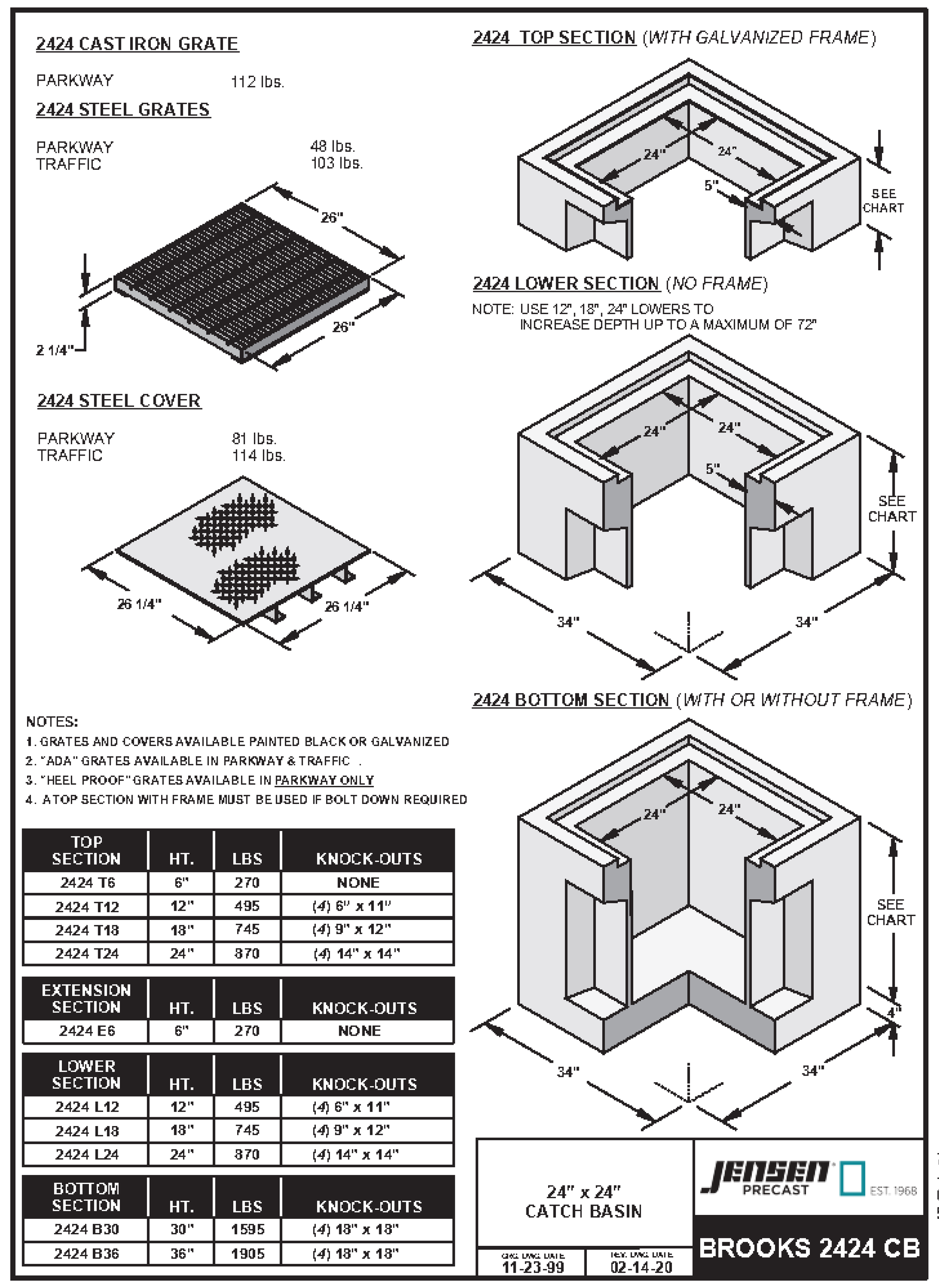
NOTES:
1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" GRATES AVAILABLE IN PARKWAY & TRAFFIC
3. "HEEL PROOF" GRATES AVAILABLE IN PARKWAY & TRAFFIC
4. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

TOP SECTION	HT.	LBS	KNOCK-OUT
1212 T6	6"	170	NONE
1212 T12	12"	275	(4) 5" x 10"
1212 T18	18"	270	(4) 8" x 12"
1212 T24	24"	430	(4) 8" x 15"
1212 T28	28"	380	(4) 8" x 22"

EXTENSION SECTION	HT.	LBS	KNOCK-OUT
1212 E6	6"	170	NONE

LOWER SECTION	HT.	LBS	KNOCK-OUT
1212 L12	12"	275	(4) 5" x 10"
1212 L18	18"	270	(4) 8" x 12"
1212 L24	24"	430	(4) 8" x 15"
1212 L28	28"	380	(4) 8" x 22"

12" x 12" CATCH BASIN
JENSEN PRECAST
BROOKS 1212 CB
ORIG DWG DATE 04-20-95



NOTES:
1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" GRATES AVAILABLE IN PARKWAY & TRAFFIC
3. "HEEL PROOF" GRATES AVAILABLE IN PARKWAY ONLY
4. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

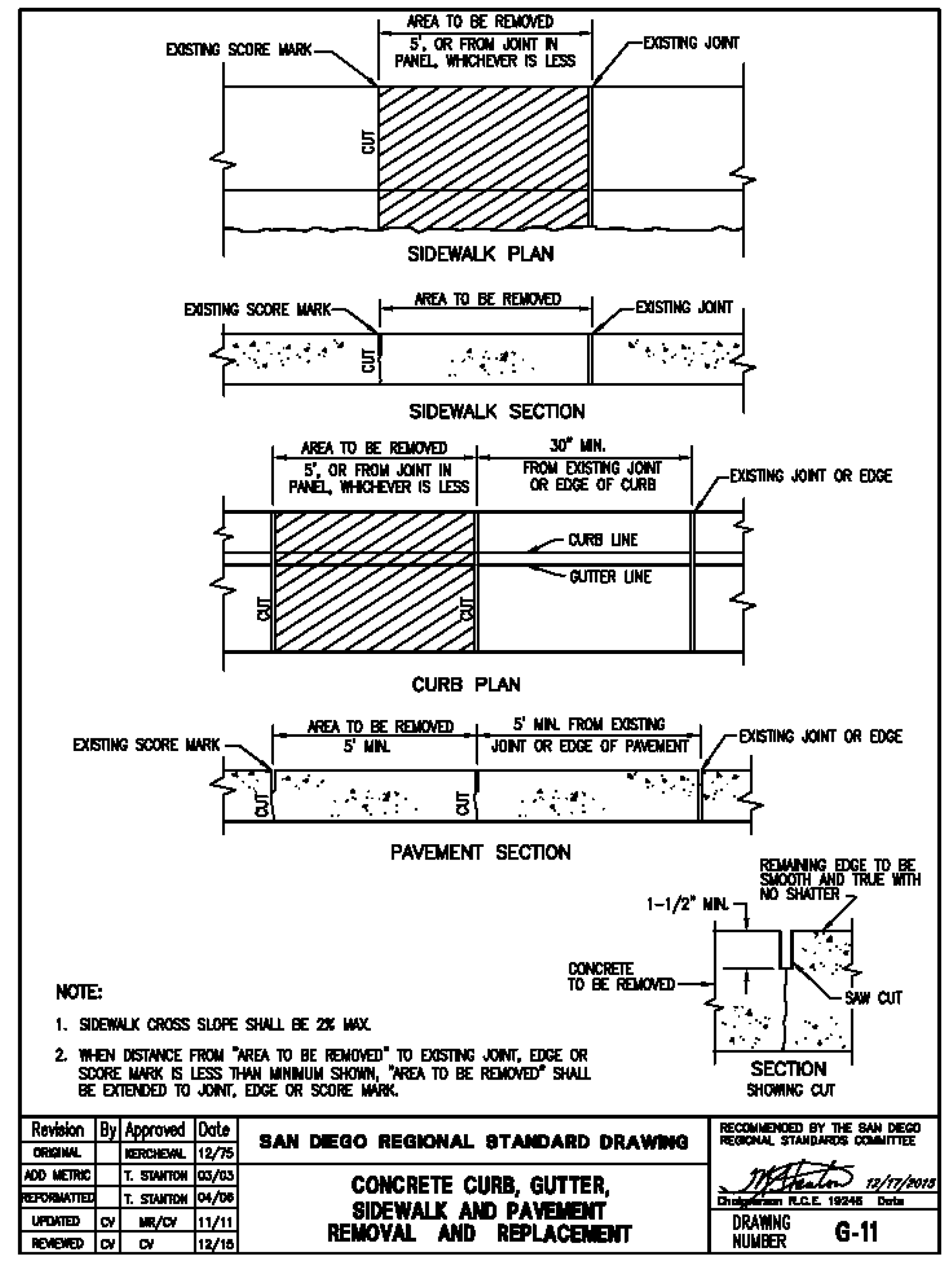
TOP SECTION	HT.	LBS	KNOCK-OUTS
2424 T6	6"	270	NONE
2424 T12	12"	495	(4) 6" x 11"
2424 T18	18"	745	(4) 9" x 12"
2424 T24	24"	870	(4) 14" x 14"

EXTENSION SECTION	HT.	LBS	KNOCK-OUTS
2424 E6	6"	270	NONE

LOWER SECTION	HT.	LBS	KNOCK-OUTS
2424 L12	12"	495	(4) 6" x 11"
2424 L18	18"	745	(4) 9" x 12"
2424 L24	24"	870	(4) 14" x 14"

BOTTOM SECTION	HT.	LBS	KNOCK-OUTS
2424 B30	30"	1595	(4) 18" x 18"
2424 B36	36"	1905	(4) 18" x 18"

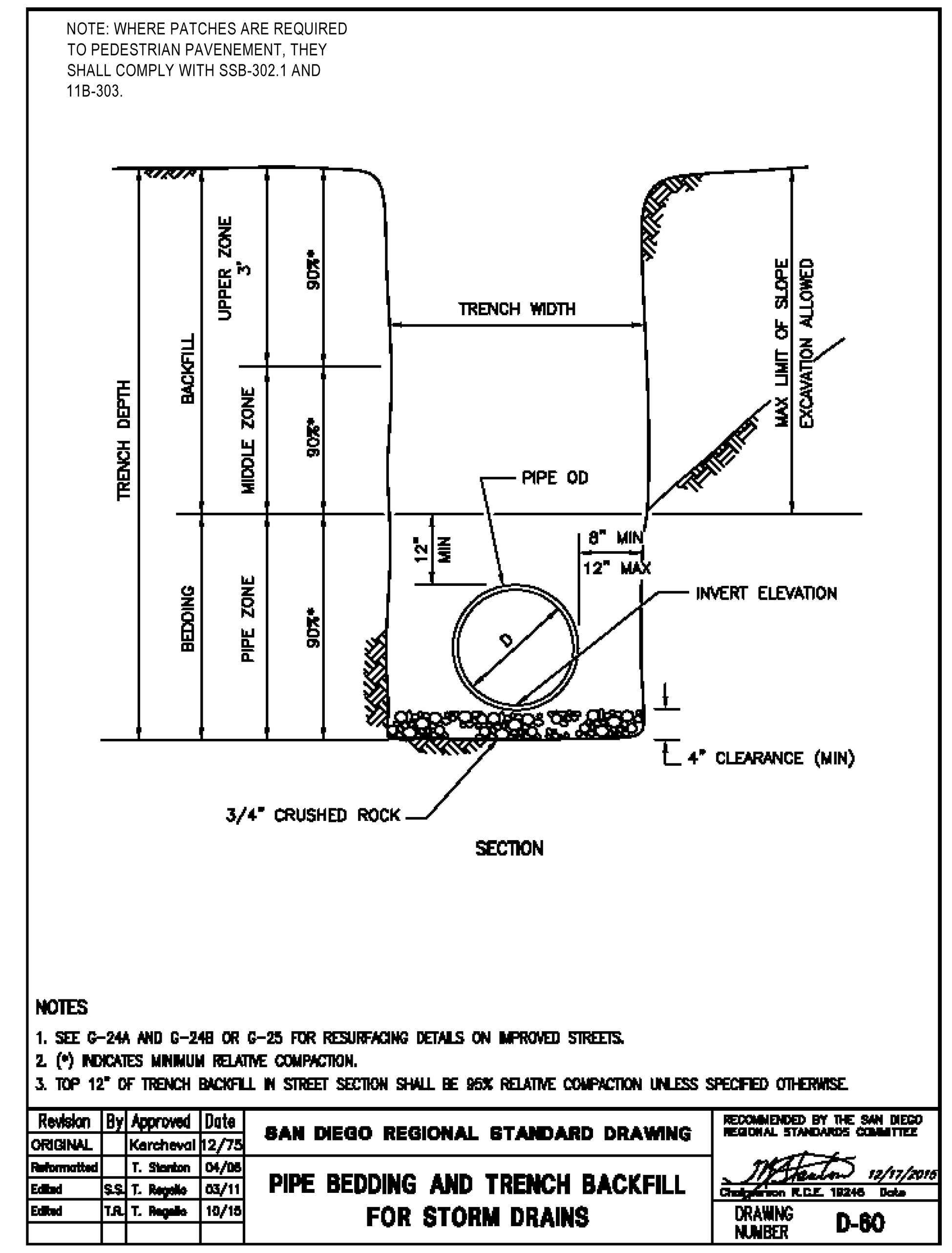
24" x 24" CATCH BASIN
JENSEN PRECAST
BROOKS 2424 CB
ORIG DWG DATE 11-23-99



NOTE:
1. SIDEWALK CROSS SLOPE SHALL BE 2% MAX.
2. WHEN DISTANCE FROM "AREA TO BE REMOVED" TO EXISTING JOINT, EDGE OR SCORE MARK IS LESS THAN MINIMUM SHOWN, "AREA TO BE REMOVED" SHALL BE EXTENDED TO JOINT, EDGE OR SCORE MARK.

SAN DIEGO REGIONAL STANDARD DRAWING
CONCRETE CURB, GUTTER, SIDEWALK AND PAVEMENT REMOVAL AND REPLACEMENT
RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
DRAWING NUMBER G-11

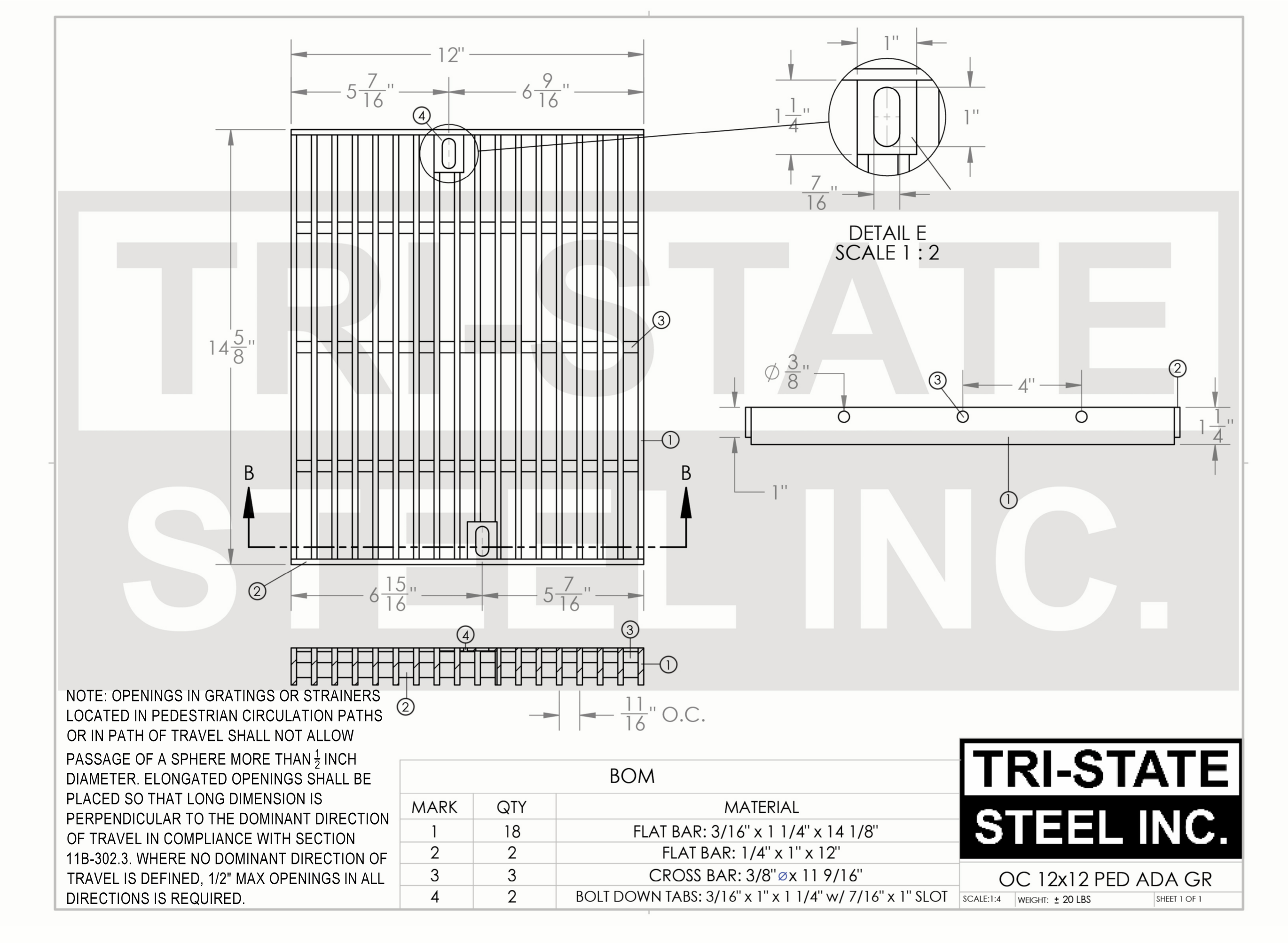
Revision	By	Approved	Date
ORIGINAL		KERCHEVAL	12/75
ADD METRIC		T. STANTON	03/03
REFORMATTED		T. STANTON	04/06
UPDATED	CV	MR/CV	11/11
REVIEWED	CV	CV	12/16



NOTES
1. SEE G-24A AND G-24B OR G-25 FOR RESURFACING DETAILS ON IMPROVED STREETS.
2. (*) INDICATES MINIMUM RELATIVE COMPACTION.
3. TOP 12" OF TRENCH BACKFILL IN STREET SECTION SHALL BE 95% RELATIVE COMPACTION UNLESS SPECIFIED OTHERWISE.

SAN DIEGO REGIONAL STANDARD DRAWING
PIPE BEDDING AND TRENCH BACKFILL FOR STORM DRAINS
RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
DRAWING NUMBER D-60

Revision	By	Approved	Date
ORIGINAL		Kercheval	12/75
Reformatted		T. Stanton	04/06
Edited	S.S.	T. Regalia	03/11
Edited	T.R.	T. Regalia	10/16

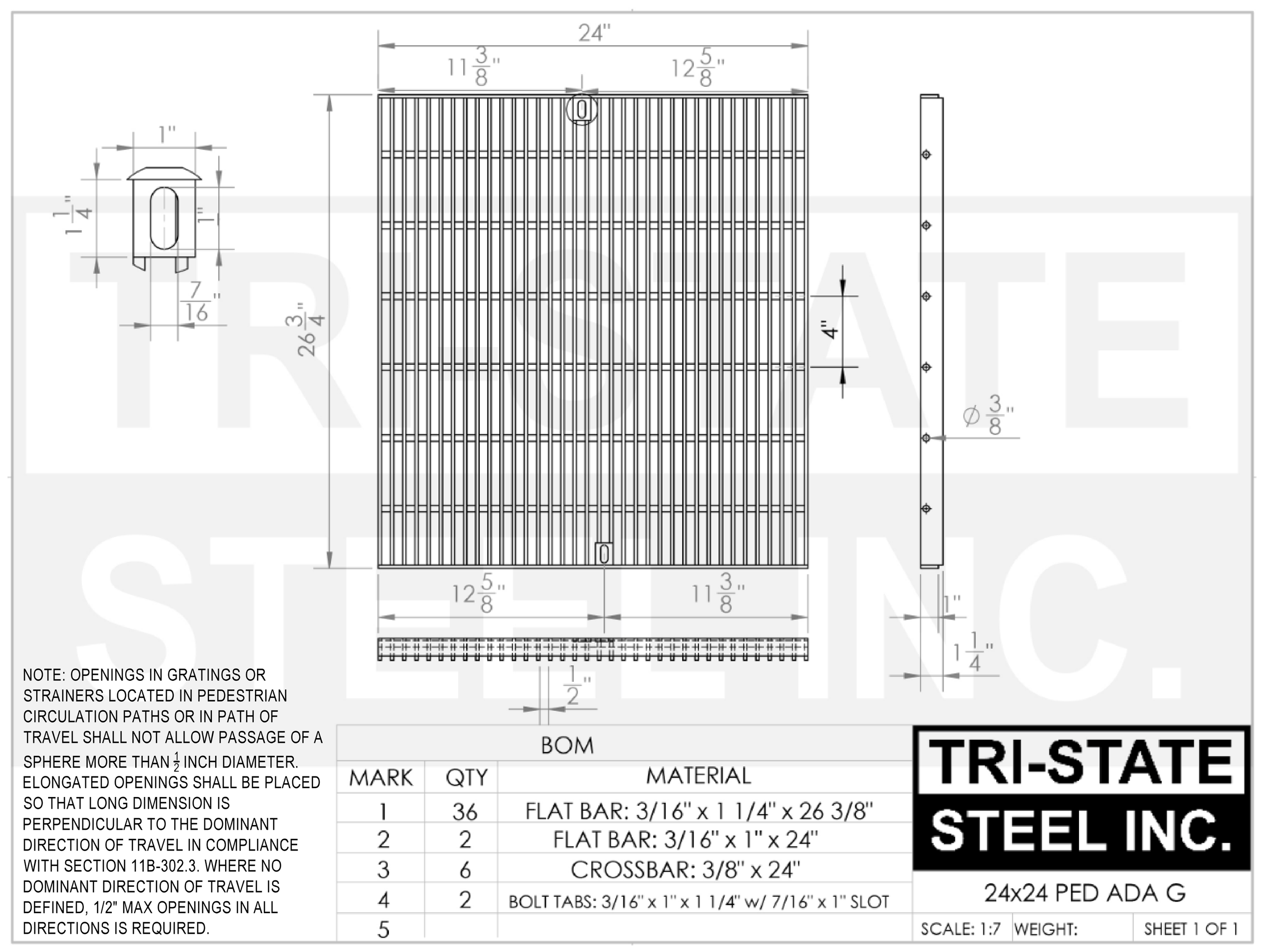


NOTE: OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN PATH OF TRAVEL SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN ½ INCH DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3. WHERE NO DOMINANT DIRECTION OF TRAVEL IS DEFINED, 1/2" MAX OPENINGS IN ALL DIRECTIONS IS REQUIRED.

BOM

MARK	QTY	MATERIAL
1	18	FLAT BAR: 3/16" x 1 1/4" x 14 1/8"
2	2	FLAT BAR: 1/4" x 1" x 12"
3	3	CROSS BAR: 3/8" ⌀ x 11 9/16"
4	2	BOLT DOWN TABS: 3/16" x 1" x 1 1/4" w/ 7/16" x 1" SLOT

TRI-STATE STEEL INC.
OC 12x12 PED ADA GR



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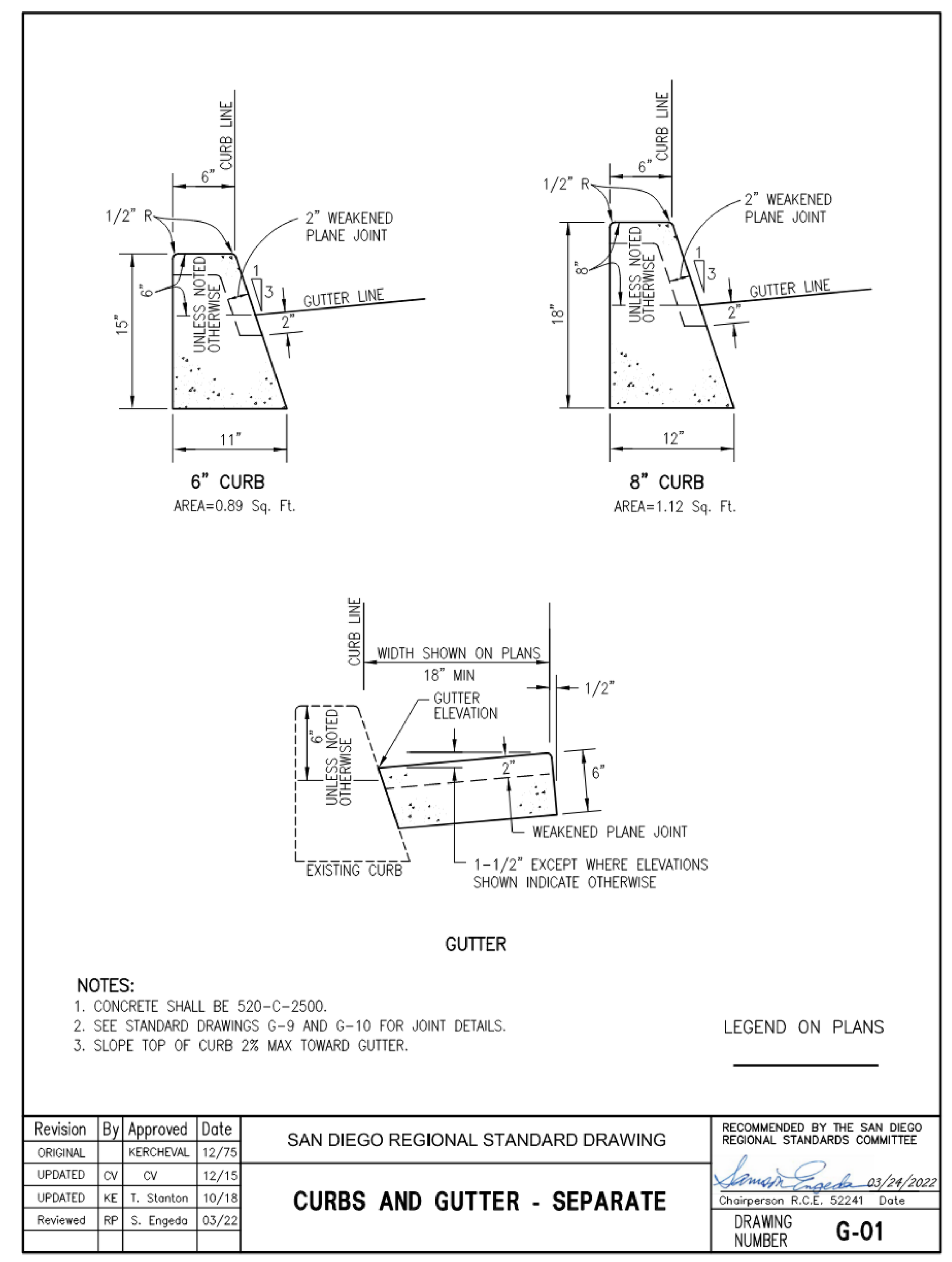
BOM

MARK	QTY	MATERIAL
1	36	FLAT BAR: 3/16" x 1 1/4" x 26 3/8"
2	2	FLAT BAR: 3/16" x 1" x 24"
3	6	CROSSBAR: 3/8" x 24"
4	2	BOLT TABS: 3/16" x 1" x 1 1/4" w/ 7/16" x 1" SLOT
5		

TRI-STATE STEEL INC.
24x24 PED ADA G
SCALE: 1:7 WEIGHT: SHEET 1 OF 1



NOTES:
1. CONCRETE SHALL BE 520-C-2500.
2. SEE STANDARD DRAWINGS G-9 AND G-10 FOR JOINT DETAILS.
3. SLOPE TOP OF CURB 2% MAX TOWARD GUTTER.

LEGEND ON PLANS

SAN DIEGO REGIONAL STANDARD DRAWING
CURBS AND GUTTER - SEPARATE
RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
DRAWING NUMBER G-01

Revision	By	Approved	Date
ORIGINAL		KERCHEVAL	12/75
UPDATED	CV	CV	12/15
UPDATED	KE	T. Stanton	10/18
Reviewed	RP	S. Engedo	03/22

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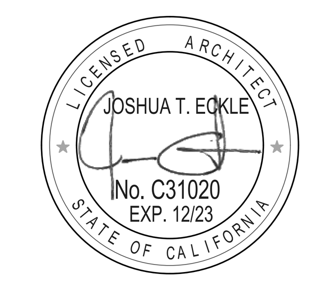

ENGINEER OF RECORD

VISTA UNIFIED SCHOOL DISTRICT
EXCELLENCE INNOVATION

BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

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SHEET TITLE
DETAIL SHEET

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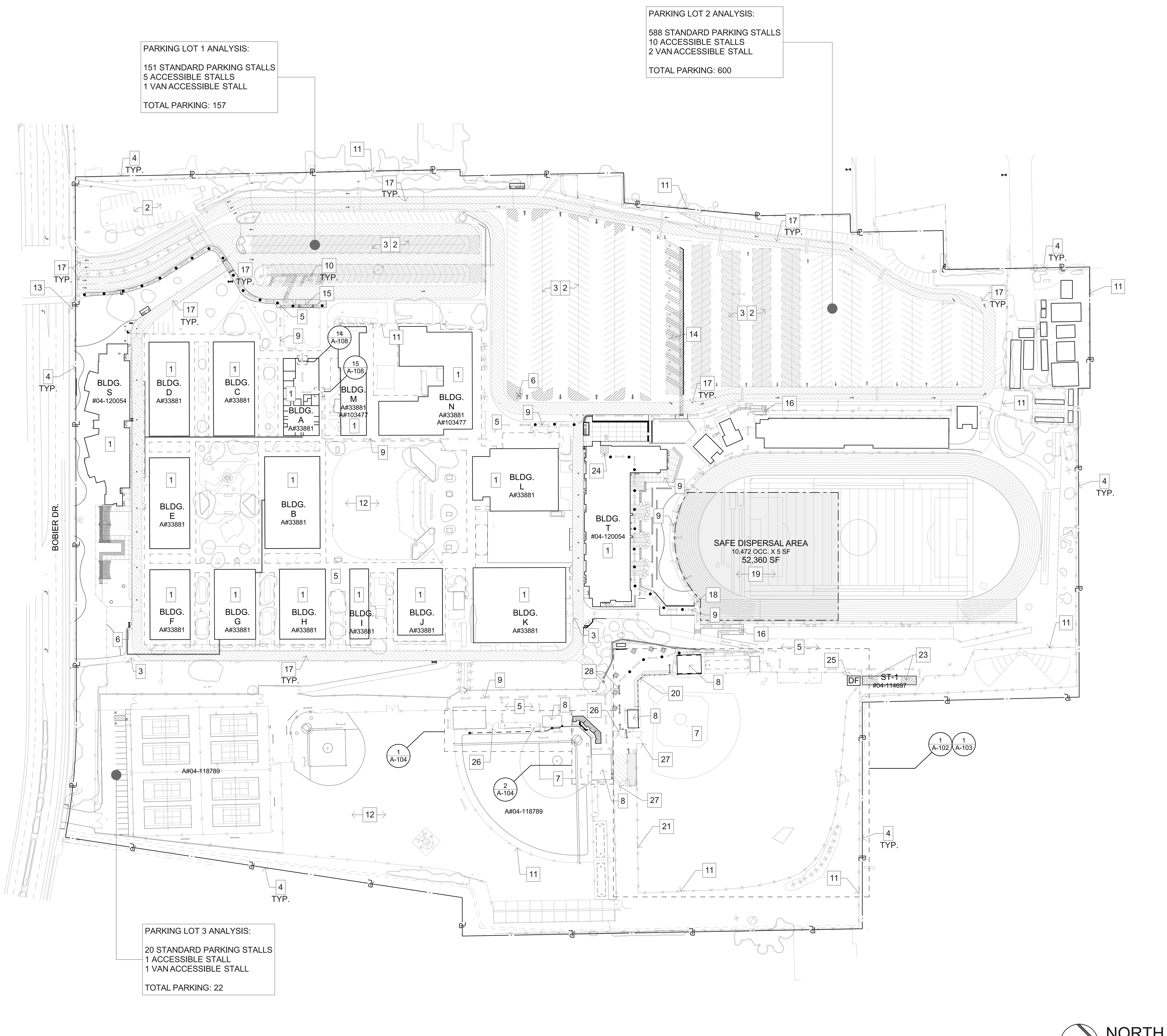

1 OVERALL SITE PLAN
SCALE: 1" = 80'

NOTES

1. EXISTING BUILDING TO REMAIN - N.I.C.
2. EXISTING STANDARD PARKING STALLS TO REMAIN.
3. EXISTING AC PAVING TO REMAIN.
4. EXISTING PROPERTY LINE.
5. EXISTING CONCRETE PAVING TO REMAIN.
6. EXISTING FIRE HYDRANT TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
7. EXISTING SPORTS FIELD TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
8. EXISTING DUGOUTS TO REMAIN.
9. EXISTING ACCESSIBLE PATH OF TRAVEL PER DSA APPROVED A#04-114068, A#04-111494, A#04-118789. LINK TO DSA APPROVED A#04-120054.
10. EXISTING ACCESSIBLE PARKING STALLS TO REMAIN PER DSA APPROVED A#04-118409.
11. EXISTING CHAIN-LINK FENCE TO REMAIN.
12. EXISTING LANDSCAPE AREA TO REMAIN.
13. NEW PARKING LOT ENTRANCE "TOW-AWAY" SIGNAGE PER DETAIL 20/A-106 .
14. EXISTING ACCESSIBLE PARKING STALLS TO REMAIN PER DSA APPROVED A#04-114068. LINK TO DSA APPROVED A#04-120054.
15. EXISTING ACCESSIBLE DROP OFF. LINK TO DSA APPROVED A#04-120054.
16. EXISTING ACCESSIBLE RAMP TO REMAIN PER DSA APPROVED #04-114068. REFER TO ENLARGED RAMP PLAN SHEET A-105 .
17. LOCATION OF EXISTING FIRE ACCESS LANE, 20'-0" MIN. WIDE EXISTING CURB/PAVEMENT PAINTED RED WITH WHITE LETTERING WHICH READS: "NO PARKING - FIRE LANE".
18. EXISTING SAFE DISPERSAL AREA SIGNAGE TO REMAIN.
19. EXISTING SAFE DISPERSAL AREA. LINK TO DSA APPROVED A#04-120054.
20. LOCATION OF NEW CONCRETE GRAVITY WALL. REFER TO ENLARGED SITE NEW WORK PLAN SHEET A-103 AND DETAIL 19/A-106 .
21. NEW 10' HIGH CHAIN LINK FENCING. REFER TO ENLARGED SITE NEW WORK PLAN SHEET A-103 .
22. NEW 20'-0" WIDE X 10'-0" HIGH CHAIN LINK GATE PER DETAIL 4/A-106 .
23. LOCATION OF EXISTING ACCESSIBLE MENS & WOMENS RESTROOMS PER DSA APPROVED A#04-114697 . REFER TO BATHROOM PLANS ON SHEET A-201.
24. LOCATION OF EXISTING ACCESSIBLE STAFF RESTROOMS PER DSA APPROVED A#04-120054 . REFER TO BATHROOM PLANS ON SHEET A-201.
25. LOCATION OF EXISTING ACCESSIBLE DRINKING FOUNTAIN PER DSA APPROVED A#04-114697 . REFER TO BATHROOM PLANS ON SHEET A-201.
26. EXISTING 20' WIDE BY 10' HIGH EXISTING CHAIN LINK DBL. MAINTENANCE GATE TO REMAIN.
27. NEW 20'-0" WIDE X 10'-0" HIGH CHAIN LINK DBL. MAINTENANCE GATE PER DETAIL 4/A-106 .
28. NEW ACCESSIBLE PATH OF TRAVEL.

SITE ACCESSIBILITY NOTES

1. DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL WHICH SHALL BE A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX SLOPE OR VERTICAL LEVEL CHANGED NOT EXCEEDING 1/4" MAX AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GRATER THAN 4 " PROJECTION FROM THE WALL AND ABOVE 27" AND LESS THAN 80" PER CBC IIB-202.4.
SEE: (E)
PER DSA APPROVED A#04-114068, A#04-111494, A#04-118789
(N)
(E) A# 04-120054
2. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

THE PATH OF TRAVEL (POT) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE 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 HAVE BEEN IDENTIFIED AND, THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.

ANY NONCOMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINIDNG OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS COMPLIANT ARE FOUND TO BE NON-CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGH INTO COMPLIANCE BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT (CCD).

3. OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN P.O.T. SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3 .

4. GATES AT THE PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS.

5. MANUAL CANE BOLTS, MANUALLY LOCKING HARDWARE, CHAINS, ETC. ARE NOT ALLOWED ON GATES WITH PANIC HARDWARE.

6. BOLTS IN FENCES AND GATES ADJACENT TO PATH OF TRAVEL SHALL NOT EXTEND MORE THAN 3 THREADS BEYOND NUT.

GENERAL NOTES

1. ALL LANDSCAPE AREAS, PAVING, AND SURFACING DISTURBED BY THE WORK OF THIS CONTRACT SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR TO ORIGINAL INDUSTRY STANDARD OF QUALITY.

2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO ELECTRICAL, SIGNAL, PLUMBING, ETC. THE CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING UTILITIES DURING CONSTRUCTION AND/OR TRENCHING. REFER TO ELECTRICAL PLANS FOR UNDERGROUND UTILITIES REQUIRED TO BE PROTECTED IN PLACE DURING CONSTRUCTION.

3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL TEST IRRIGATION SYSTEMS. THE EXISTING IRRIGATION SYSTEM SHALL BE MODIFIED TO ACCOMODATE THE SCOPE OF THE WORK. THE IRRIGATION MODIFICATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ARCHITECT AND SCHOOL DISTRICT PRIOR TO START OF WORK. IRRIGATION SHALL BE MODIFIED TO LIMIT OVERSPRAY ONTO ADJACENT SURFACES, AS WELL AS PROVIDE FULL COVERAGE IN LANDSCAPE AREAS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122112 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2023

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LICENSED ARCHITECT
JOSHUA T. ECKLE
No. C31020
EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

EXCELLENCE INNOVATION
VISTA UNIFIED SCHOOL DISTRICT

BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln
PLOT DATE:
8/18/2023
SHEET TITLE
OVERALL SITE PLAN

A-101

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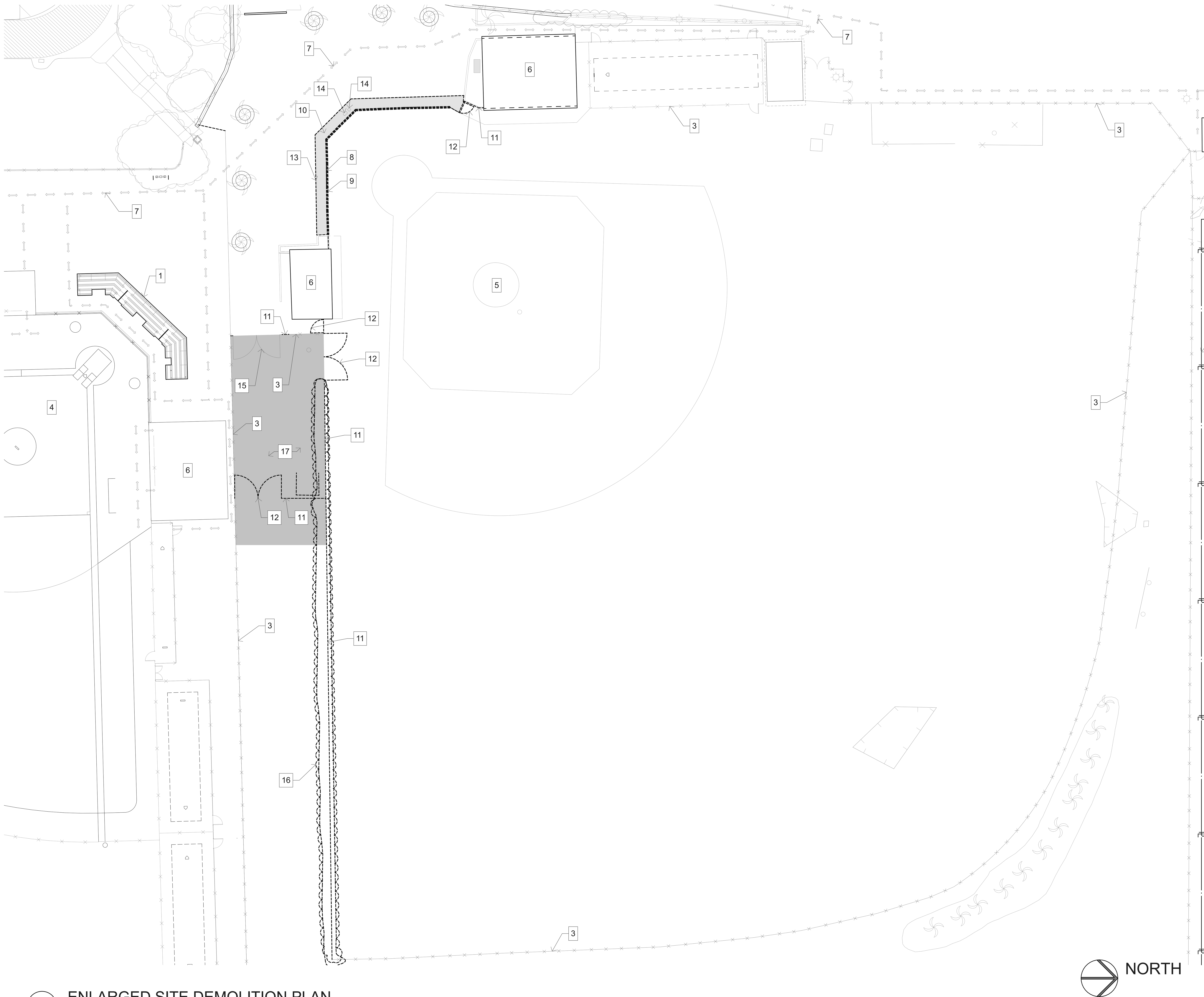

1 ENLARGED SITE DEMOLITION PLAN

SCALE: 1" = 20'

0 10' 20' 40'

NOTES

1. EXISTING BLEACHERS TO REMAIN - NOT IN CONTRACT.
2. EXISTING PROPERTY LINE.
3. EXISTING CHAIN LINK FENCE TO REMAIN.
4. EXISTING SOFTBALL FIELD TO REMAIN.
5. EXISTING BASEBALL FIELD TO REMAIN.
6. EXISTING DUGOUT TO REMAIN.
7. EXISTING ACCESSIBLE PATH OF TRAVEL PER DSA APPROVED A#04-114068, A#04-111494 & A#04-118789.
8. DEMO AND REMOVE EXISTING CHAIN LINK FENCING AND EXISTING FOOTINGS AT BACKSTOP.
9. EXISTING CMU BACKSTOP TO BE DEMOLISHED.
10. EXISTING AREA OF SITE CONCRETE TO BE DEMOLISHED. DEMOLISH CONCRETE TO EXISTING EXPANSION JOINT. REFER TO KEYNOTE 13.
11. DEMO AND REMOVE EXISTING CHAIN LINK FENCING AND EXISTING FOOTINGS.
12. DEMO AND REMOVE EXISTING CHAIN LINK MAINTENANCE GATE AND EXISTING FOOTINGS.
13. EXISTING EXPANSION JOINT.
14. EXISTING ELECTRIC BOX TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
15. EXISTING 20' WIDE BY 10' HIGH EXISTING CHAIN LINK VEHICULAR GATE TO REMAIN.
16. AREA OF EXISTING VEGETATION. PERFORM GRUBBING AS NEEDED FOR NEW SITE IMPROVEMENTS.
17. DEMO AND REMOVE EXISTING SURFACING. PREP FOR NEW IMPROVEMENTS PER SHEET A-103 .

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BASEBALL BACKSTOP AND PERIMETER FENCING

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VISTA UNIFIED SCHOOL DISTRICT
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REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029

MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

ENLARGED BASEBALL FIELD DEMO PLAN

A-102

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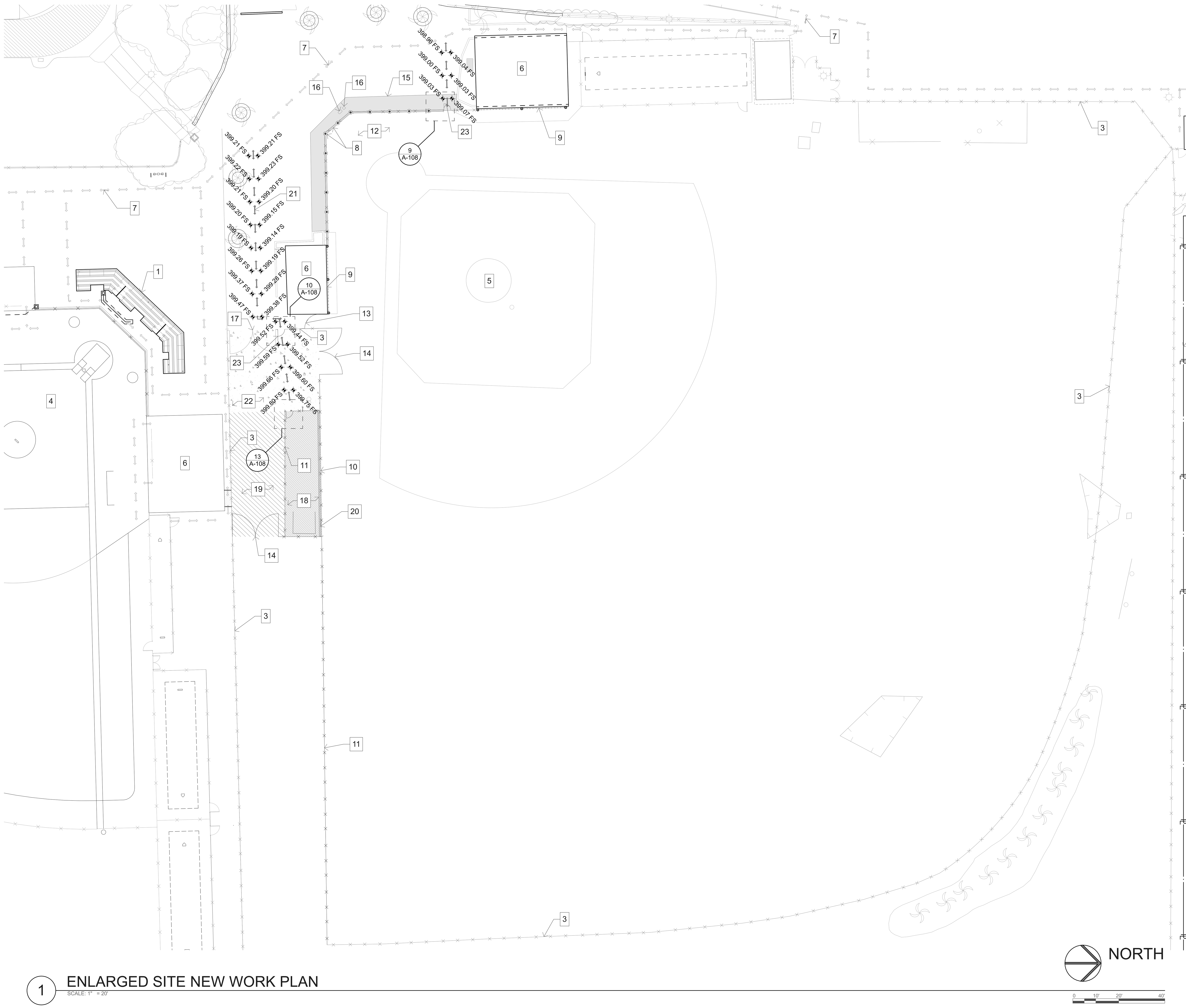

1 ENLARGED SITE NEW WORK PLAN

SCALE: 1" = 20'

NOTES

1. EXISTING BLEACHERS TO REMAIN - NOT IN CONTRACT.
2. EXISTING PROPERTY LINE.
3. EXISTING CHAIN LINK FENCE TO REMAIN.
4. EXISTING SOFTBALL FIELD TO REMAIN.
5. EXISTING BASEBALL FIELD TO REMAIN.
6. EXISTING DUGOUT TO REMAIN.
7. EXISTING ACCESSIBLE PATH OF TRAVEL PER DSA APPROVED A# 04-114068, A#04-111494 & A#04-118789.
8. NEW 40' HIGH CHAIN LINK BACKSTOP. PROVIDE VINYL COVERED WOOD BACKSTOP BOARDS TO APPROX. 40" ABOVE FINISH GRADE. REFER TO DETAIL 5/A-106 . NEW ENCASED POSTS IN CONCRETE GRAVITY WALL PER DETAILS 18 & 19/A-106 .
9. NEW SAFETY NETTING ABOVE EXISTING DUGOUTS. SAFETY NETTING SHALL BE 40'-0" ABOVE FINISH GRADE.
10. NEW 10' HIGH CHAIN LINK FENCING AND 30' HIGH SAFETY NETTING (TOTAL 40' HIGH).
11. NEW 10' HIGH CHAIN LINK FENCING PER DETAIL 1/A-106 .
12. DRESSING OF THE EXISTING BASEBALL FIELD WHERE THE FINISH FIELD IS DISTURBED BY WORK.
13. NEW 5'-0" WIDE X 10'-0" HIGH CHAIN LINK MAINTENANCE GATE PER DETAIL 3/A-106 .
14. NEW 20'-0" WIDE X 10'-0" HIGH CHAIN LINK DBL. MAINTENANCE GATE PER DETAIL 4/A-106 .
15. EXISTING EXPANSION JOINT.
16. EXISTING ELECTRICAL EQUIPMENT TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
17. EXISTING 20' WIDE BY 10' HIGH EXISTING CHAIN LINK DBL. MAINTENANCE GATE TO REMAIN.
18. NEW DG. REFER TO SPECIFICATIONS AND CIVIL DRAWINGS
19. NEW CLASS II BASE. REFER TO CIVIL DRAWINGS.
20. NEW CONCRETE CURB.
21. NEW ACCESSIBLE PATH OF TRAVEL.
22. NEW CONCRETE PAVING PER DETAIL 10/A-106 . REFER TO CIVIL DRAWINGS.
23. NEW 3'-0" WIDE X 7'-0" HIGH CHAIN LINK PEDESTRIAN GATE PER DETAIL 3/A-108 . REFER TO ENLARGED GATE PLANS 9 & 10/A-108 .

GENERAL IRRIGATION NOTES

1. ALL LANDSCAPE AREAS, PAVING, AND SURFACING DISTURBED BY THE WORK OF THIS CONTRACT SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR TO ORIGINAL INDUSTRY STANDARD OF QUALITY. REFER TO DETAIL 10/A-106 FOR EXISTING TO NEW PAVING CONDITIONS.
2. GRADES SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.
3. THE EXISTING IRRIGATION SYSTEM SHALL BE MODIFIED TO ACCOMODATE THE SCOPE OF THE WORK. THE IRRIGATION MODIFICATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO THE ARCHITECT AND SCHOOL DISTRICT PRIOR TO START OF WORK. IRRIGATION SHALL BE MODIFIED TO LIMIT OVERSPRAY ONTO ADJACENT SURFACES, AS WELL AS PROVIDE FULL COVERAGE IN LANDSCAPE AREAS.

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1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029

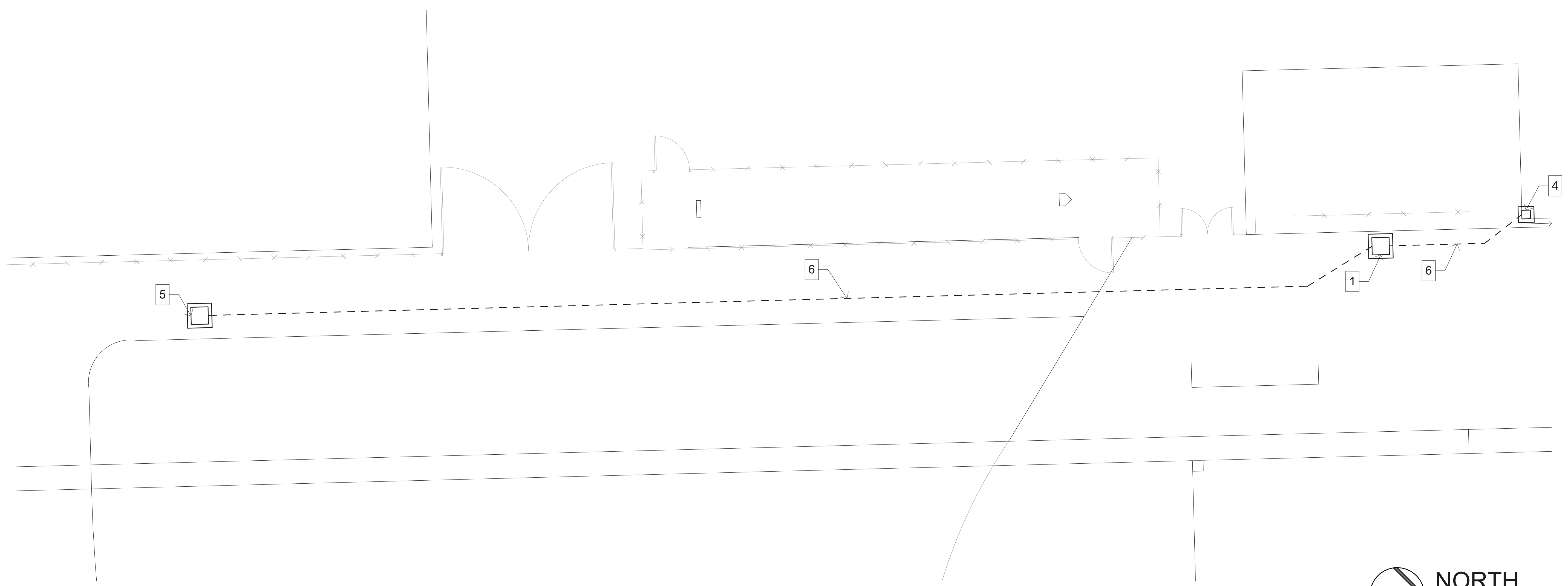
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

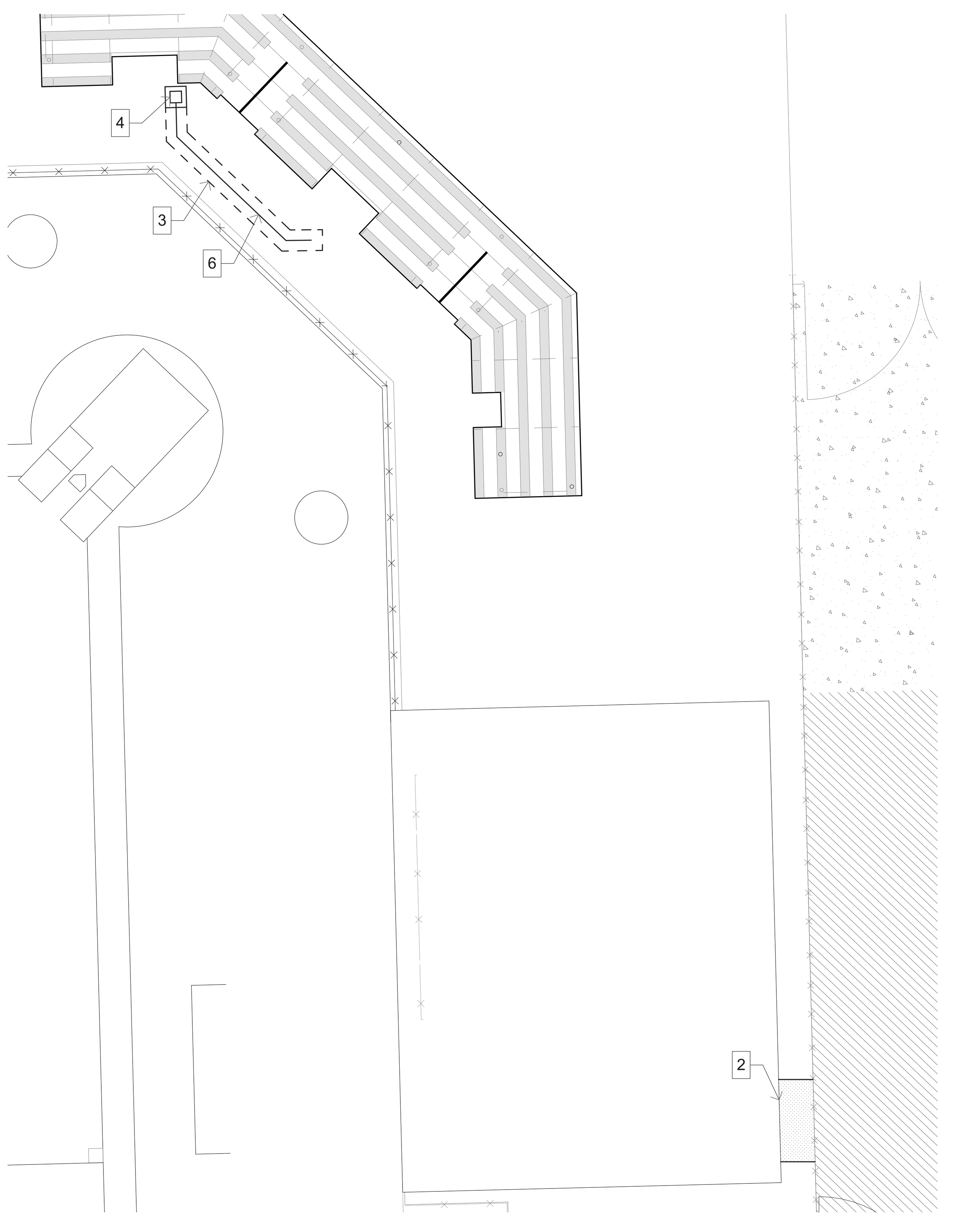
ENLARGED BASEBALL FIELD NEW WORK PLAN

A-103



NORTH

1 SOFTBALL FIELD DUGOUT
SCALE: 1/8" = 1'-0"



NORTH

2 SOFTBALL FIELD DUGOUT
SCALE: 1/8" = 1'-0"

NOTES

1. REMOVE EXISTING 6" GRATE AND REPLACE WITH 2424CB BROOKS BOX OR APPROVED EQUAL PER CIVIL.
2. REMOVE AND REPLACE EXISTING CONCRETE WALKWAY TO NEAREST JOINT PER CIVIL.
3. SAWCUT EXISTING CONCRETE PER CIVIL.
4. INSTALL 1212CB BROOKS BOX OR APPROVED EQUAL PER CIVIL.
5. INSTALL 2424CB BROOKS BOX OR APPROVED EQUAL PER CIVIL.
6. INSTALL 8" PVC STORM DRAIN. PIPE BEDDING AND TRENCH BACKFILL PER CIVIL.

GENERAL IRRIGATION NOTES

1. ALL LANDSCAPE AREAS, PAVING, AND SURFACING DISTURBED BY THE WORK OF THIS CONTRACT SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR TO ORIGINAL INDUSTRY STANDARD OF QUALITY. REFER TO DETAIL 10/A-106 FOR EXISTING TO NEW PAVING CONDITIONS.
2. GRADES SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.
3. THE EXISTING IRRIGATION SYSTEM SHALL BE MODIFIED TO ACCOMODATE THE SCOPE OF THE WORK. THE IRRIGATION MODIFICATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO THE ARCHITECT AND SCHOOL DISTRICT PRIOR TO START OF WORK. IRRIGATION SHALL BE MODIFIED TO LIMIT OVERSPRAY ONTO ADJACENT SURFACES, AS WELL AS PROVIDE FULL COVERAGE IN LANDSCAPE AREAS.

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VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

ENLARGED SOFTBALL FIELD NEW WORK PLAN

A-104

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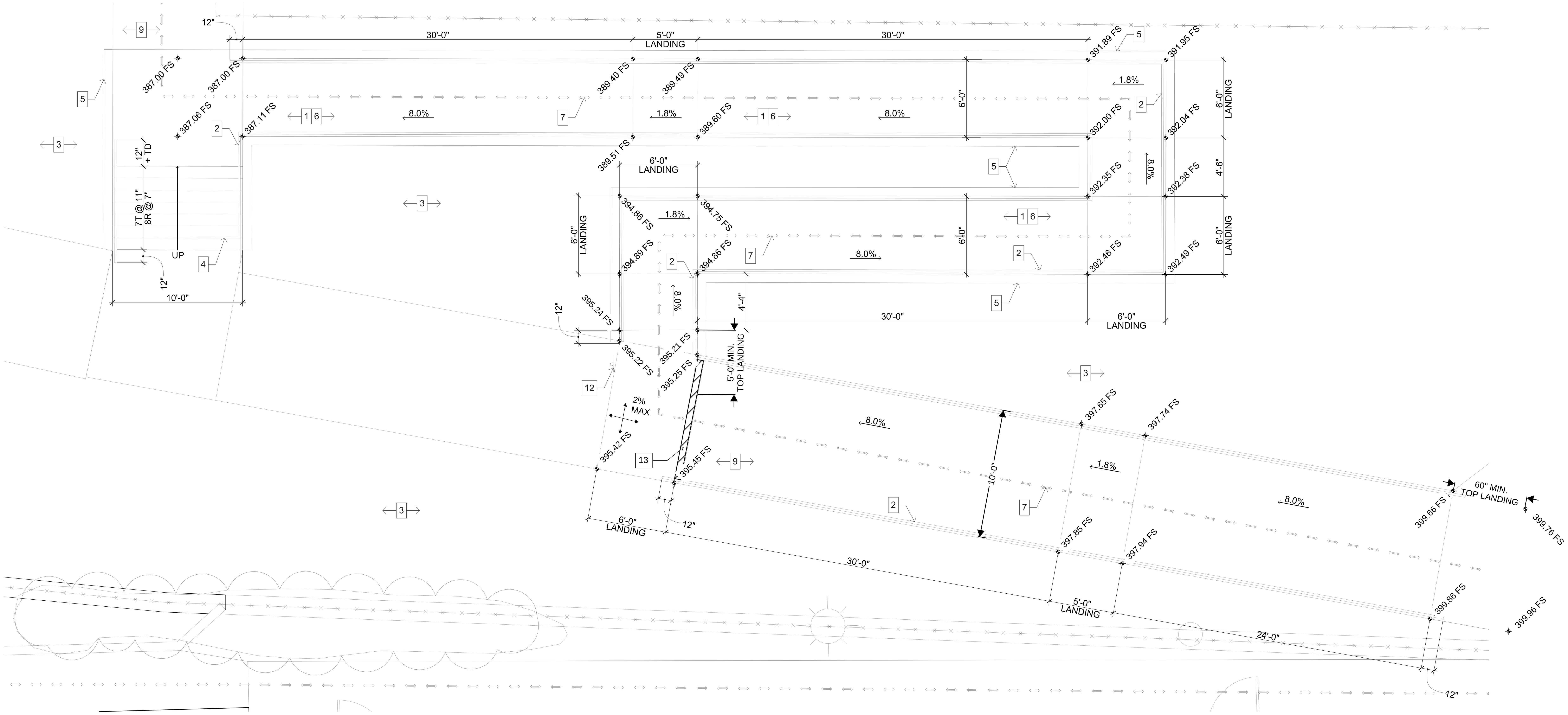
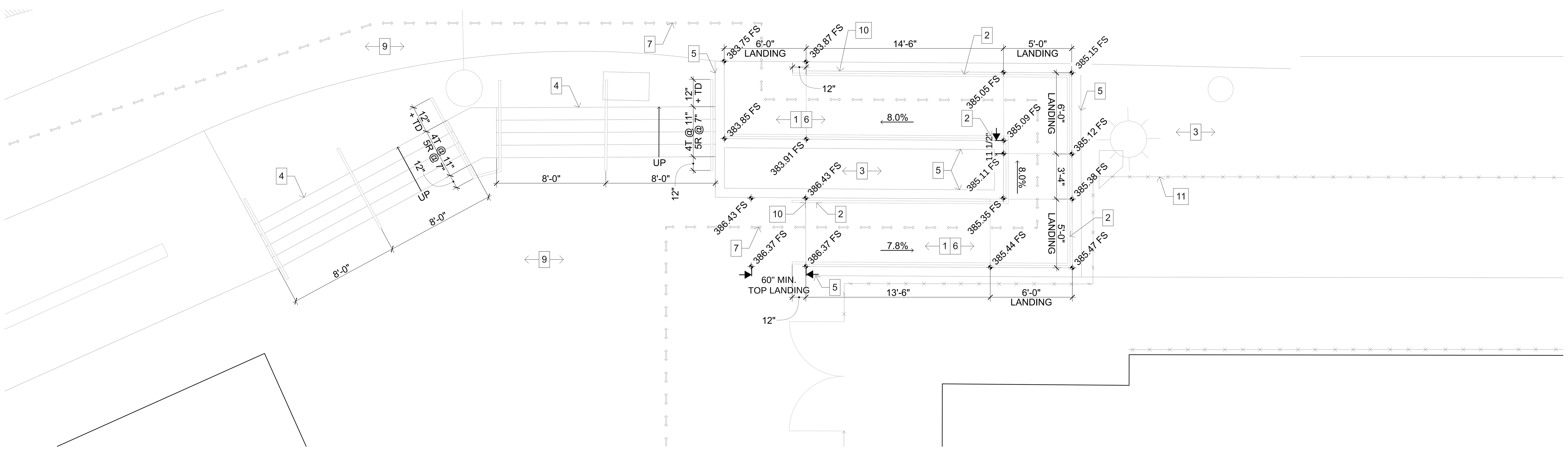


1 ENLARGED RAMP PLAN

SCALE: 1/4" = 1'-0"



2 ENLARGED RAMP PLAN

SCALE: 1/4" = 1'-0"

NOTES

1. EXISTING CONCRETE RAMP TO REMAIN PER DETAILS 1 & 2/A-108 AND DSA APPROVED A#04-114068 .
2. EXISTING PIPE HANDRAIL TO REMAIN PER DETAILS 1 & 2/A-108 AND DSA APPROVED A#04-114068 .
3. EXISTING PLANTER AREA TO REMAIN.
4. EXISTING CONCRETE STAIRS TO REMAIN.
5. EXISTING RETAINING WALL TO REMAIN PER DSA APPROVED A# 04-114068.
6. EXISTING CONCRETE PAVING TO REMAIN.
7. EXISTING ACCESSIBLE PATH OF TRAVEL TO REMAIN PER DSA APPROVED A#04-114068.
8. EXISTING ACCESSIBLE PATH SIGNAGE TO REMAIN PER DSA APPROVED A#04-114068.
9. EXISTING AC PAVING TO REMAIN.
10. EXISTING CONCRETE CURB TO REMAIN PER DETAIL 2/A-108 AND DSA APPROVED A#04-114068.
11. EXISTING CHAINLINK FENCING TO REMAIN PER DSA APPROVED A#04-114068 .
12. EXISTING ACCESSIBLE PATH SIGNAGE TO REMAIN PER DSA APPROVED A#04-114068.
13. HATCH INDICATES DEMO AND REMOVAL OF EXISTING CONCRETE. PROVIDE NEW CONCRETE TO EXTEND LEVEL LANDING. REFER TO SPOT ELEVATIONS.

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REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029

MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE

ENLARGED RAMP PLANS

A-105

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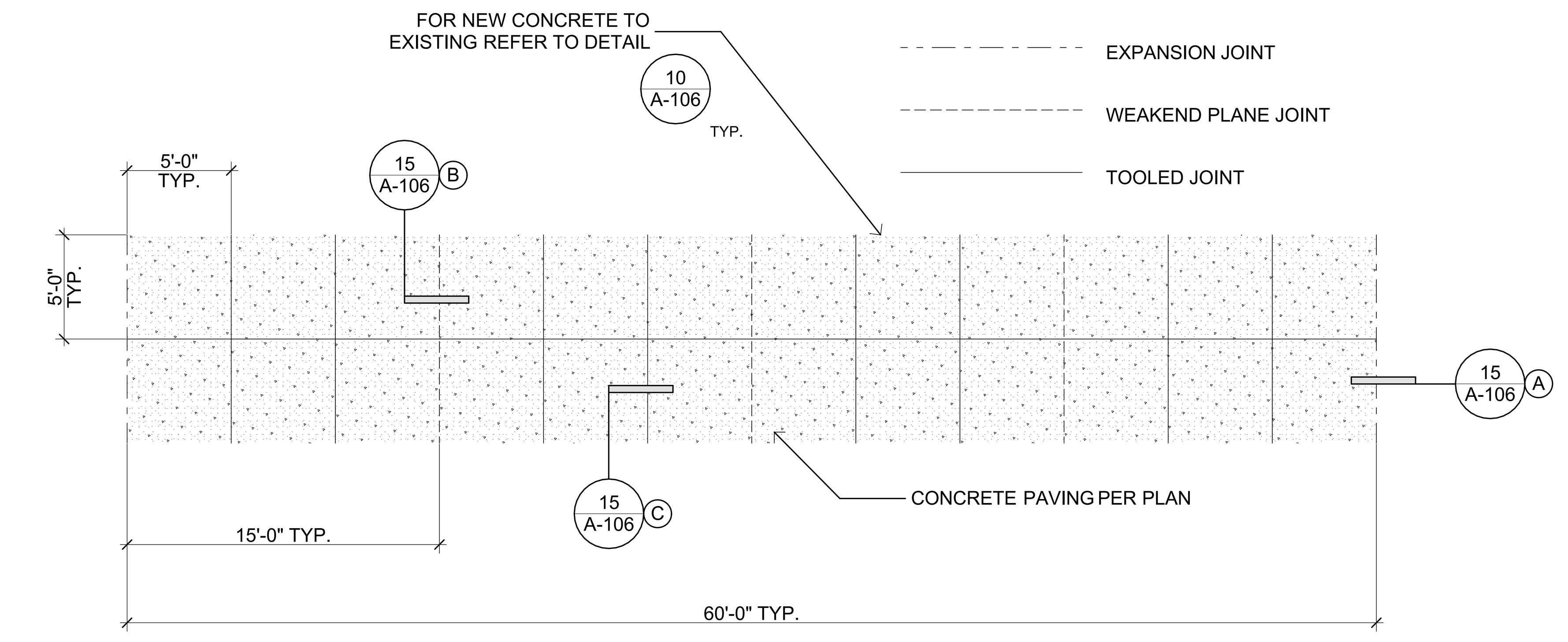
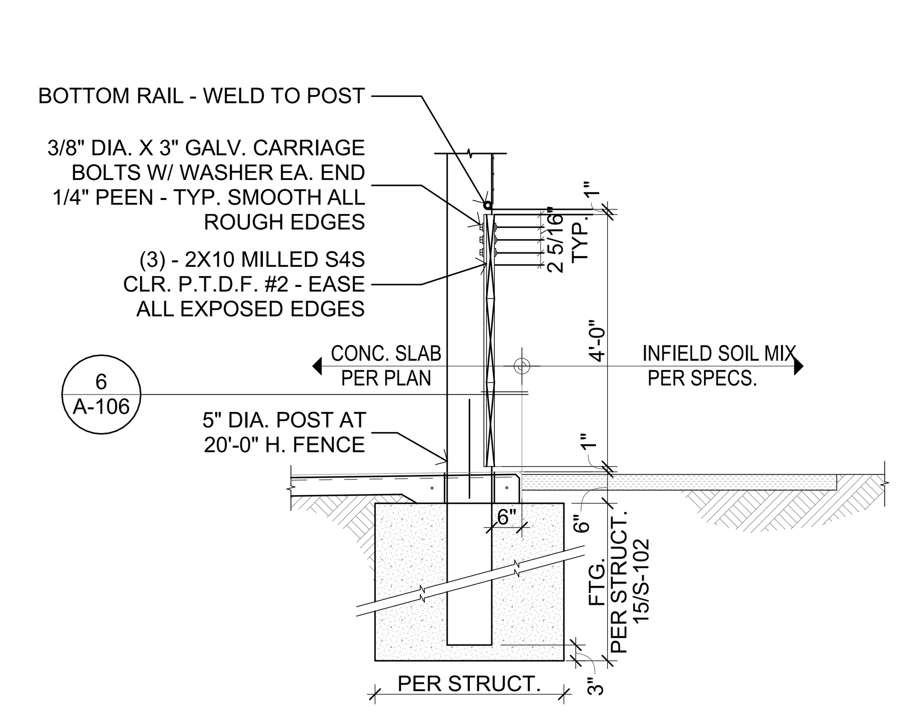
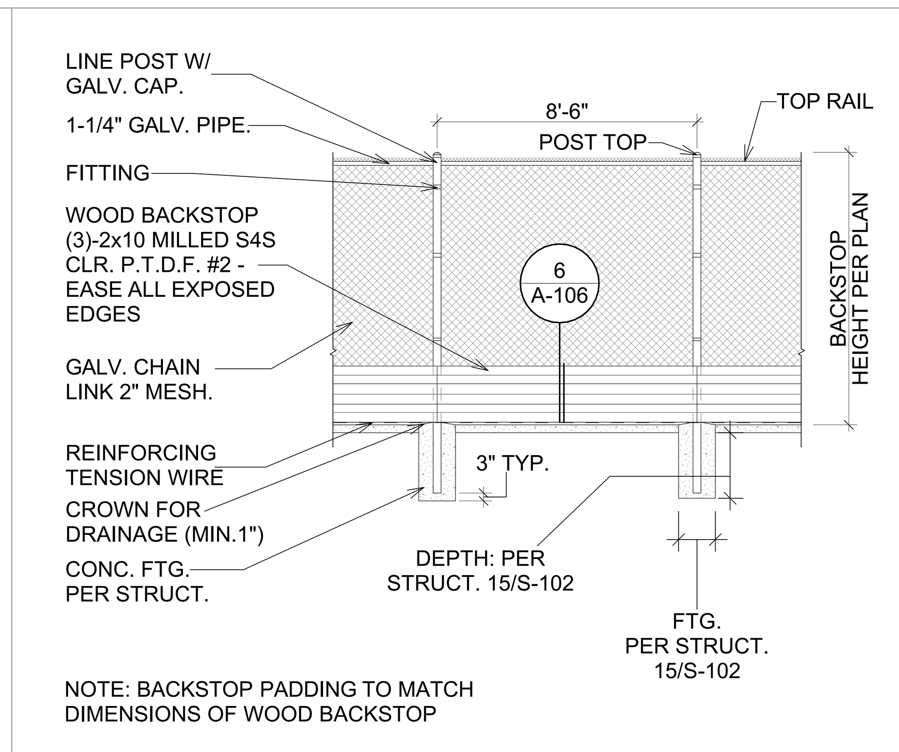


13 CONCRETE PAVING JOINTS PLAN
SCALE: 3/16" = 1'-0"

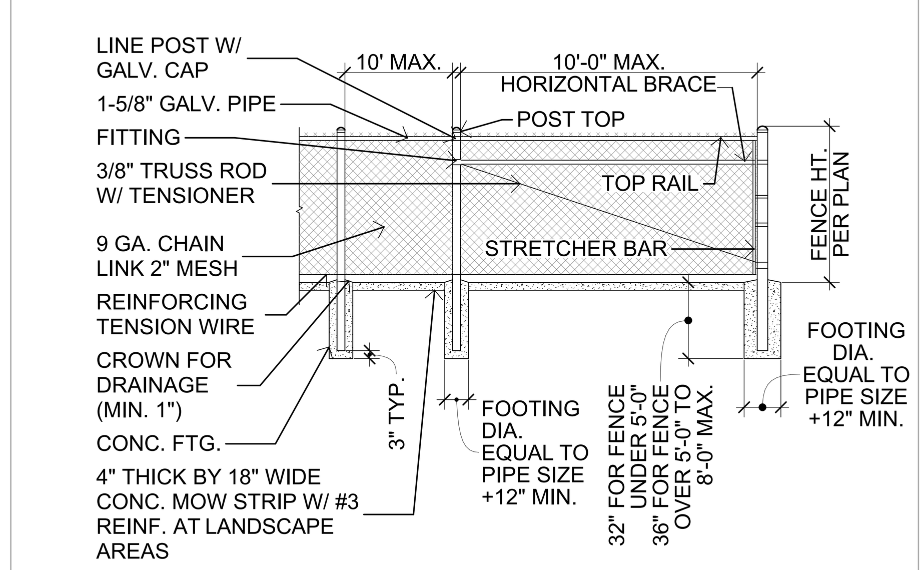


9 WD. BACKSTOP POST
SCALE: 1/2" = 1'-0"

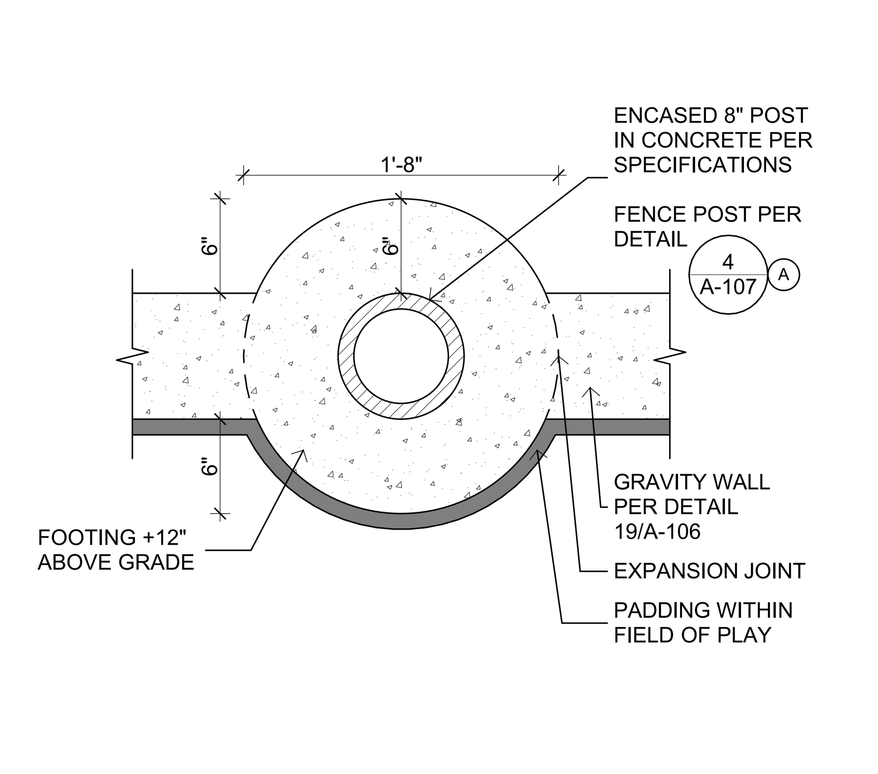


5 BASEBALL BACKSTOP
SCALE: 1/4" = 1'-0"

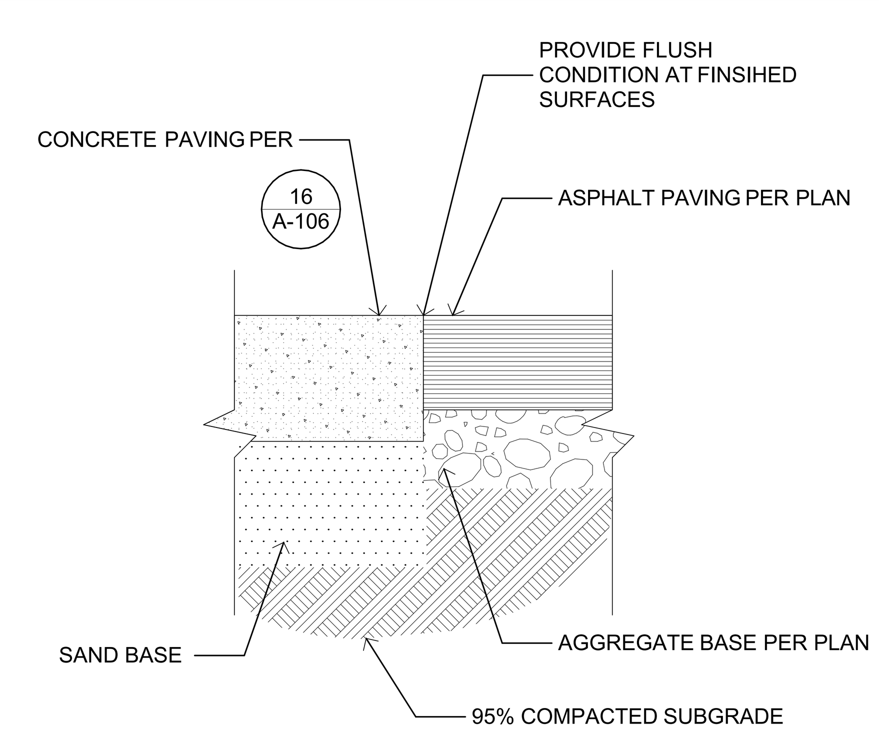
NOTES:
1. CHAIN LINK FENCING TO CONFORM TO SPECS. AND SEC. 206-6 OF STANDARD SPECS FOR PUBLIC WORK CONSTRUCTION.
2. NO WIND BLOCKING SLATS OR FABRIC ON FENCE.



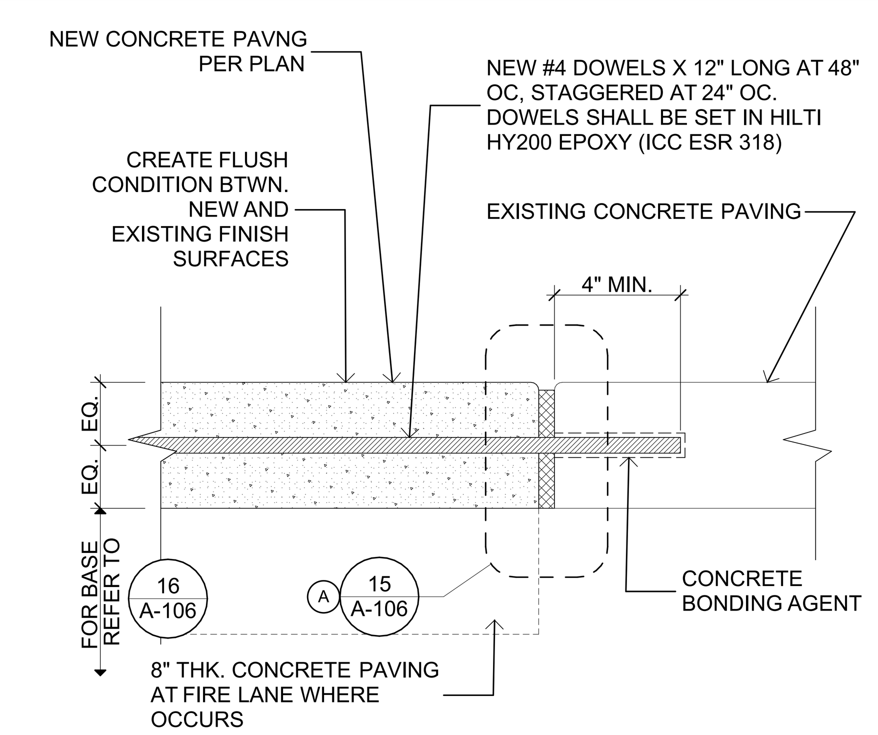
1 CHAIN LINK FENCING
SCALE: 1/4" = 1'-0"



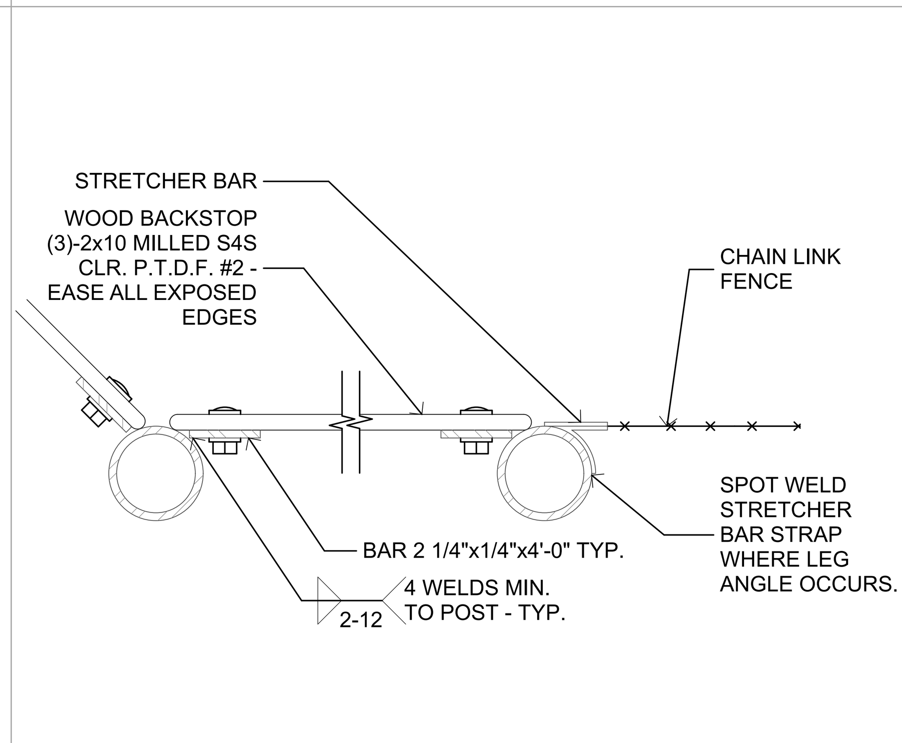
18 PILASTERS IN RETAINING WALL
SCALE: 1 1/2"= 1'-0"



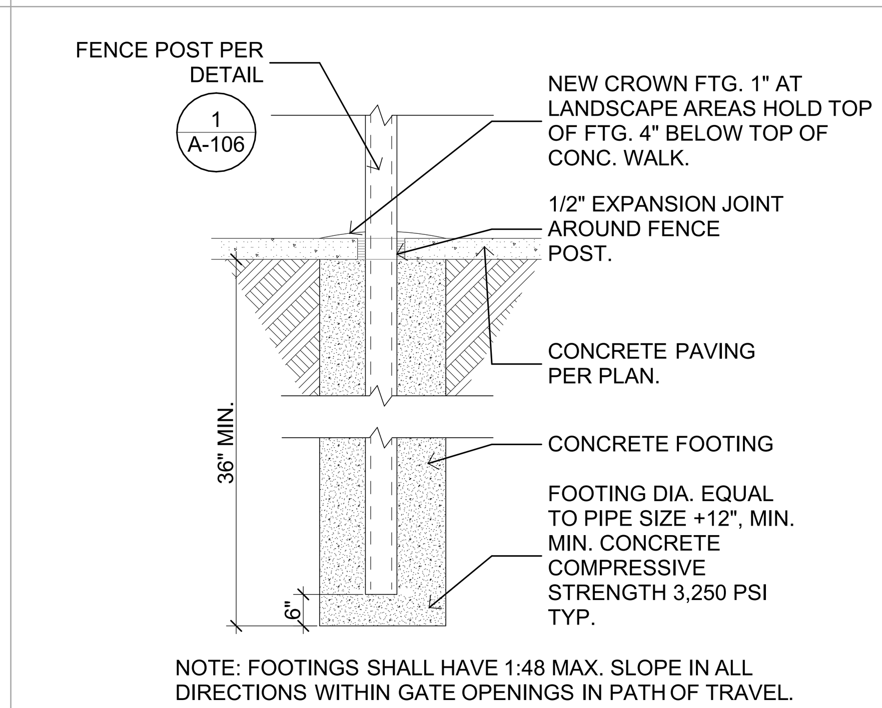
14 CONCRETE TO ASPHALT
SCALE: 3" = 1'-0"



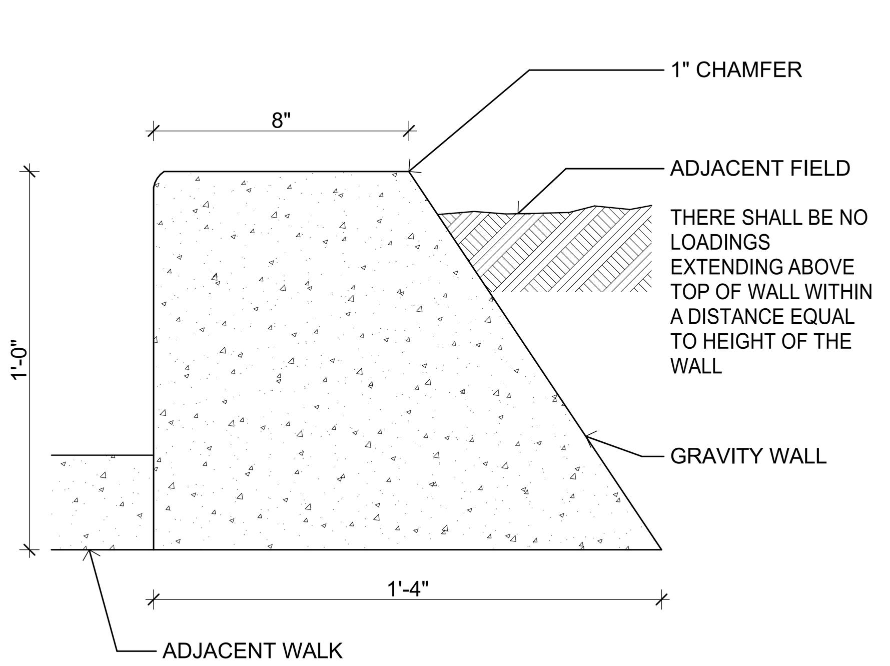
10 NEW CONCRETE TO EXISTING
SCALE: 3" = 1'-0"



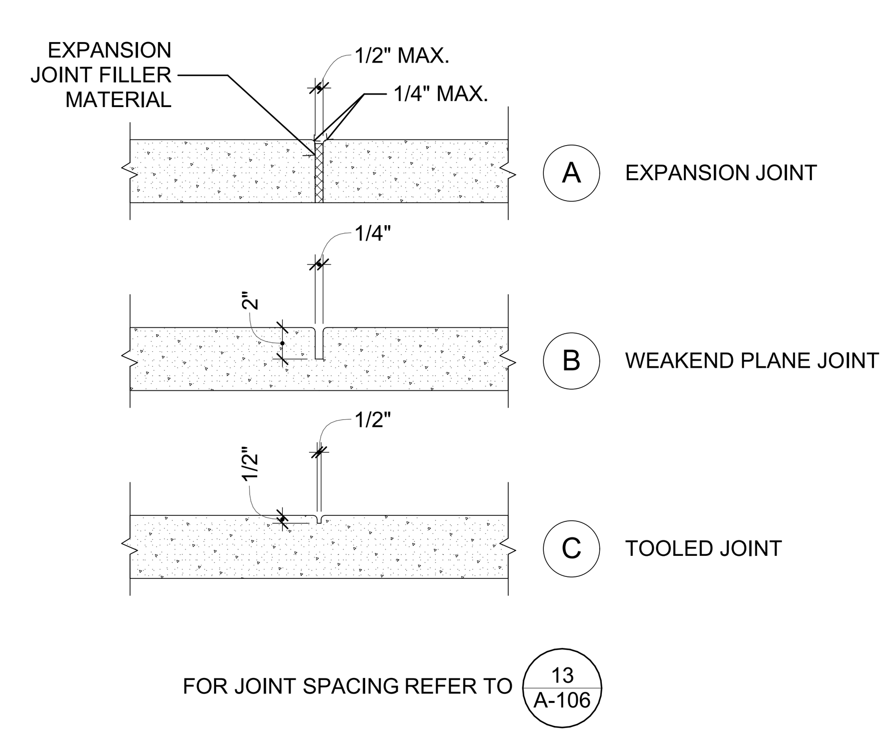
6 PLAN - WD. BACKSTOP POST
SCALE: 3" = 1'-0"



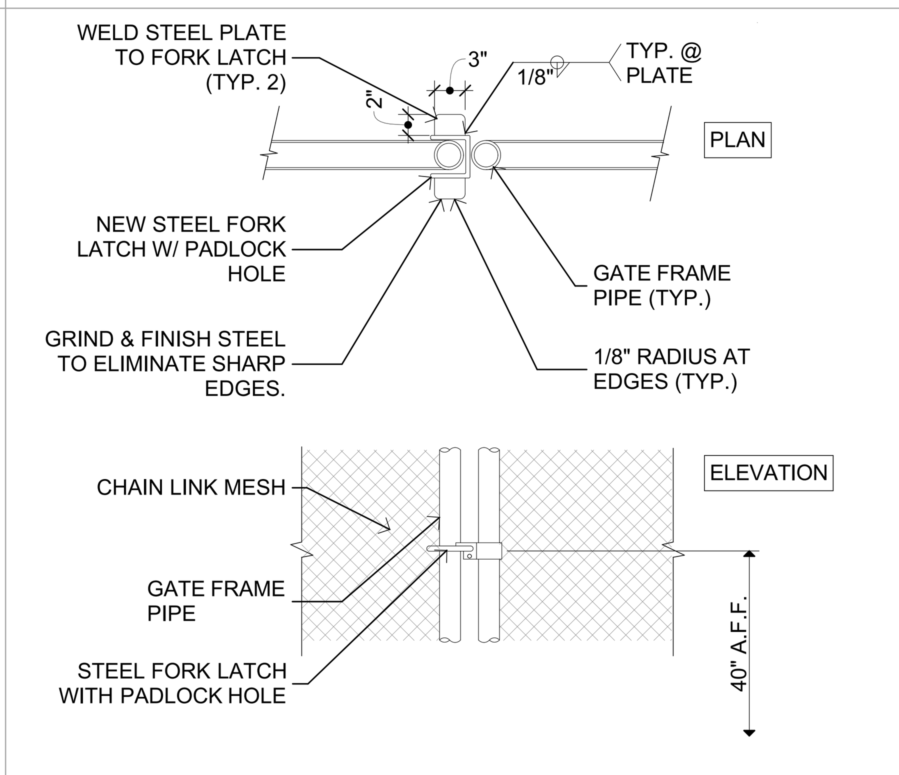
2 FENCING POST
SCALE: 1/2" = 1'-0"



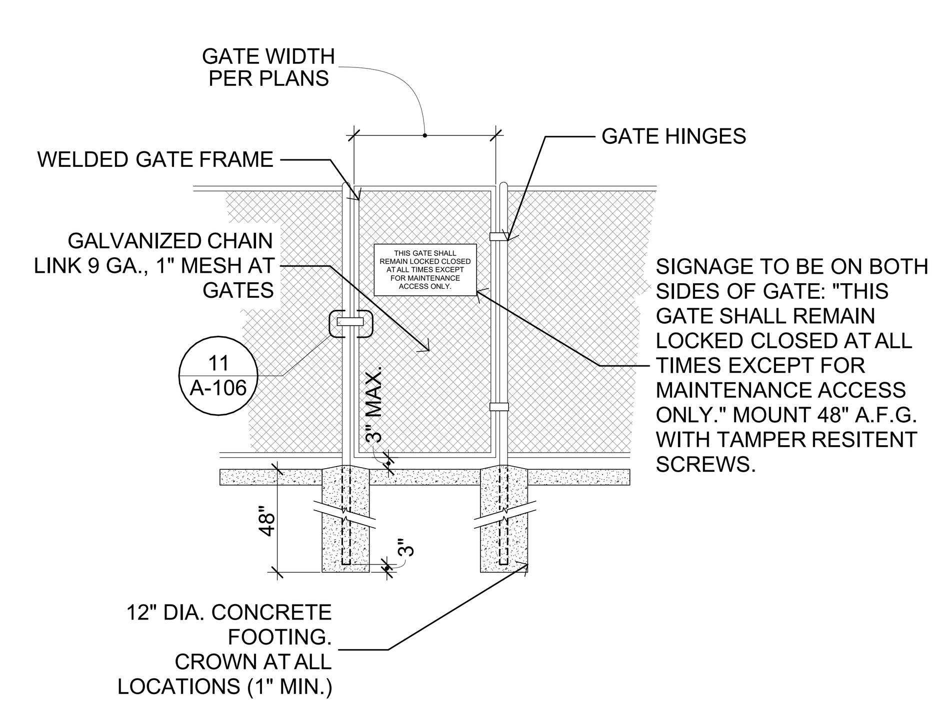
19 GRAVITY WALL
SCALE: 3" = 1'-0"



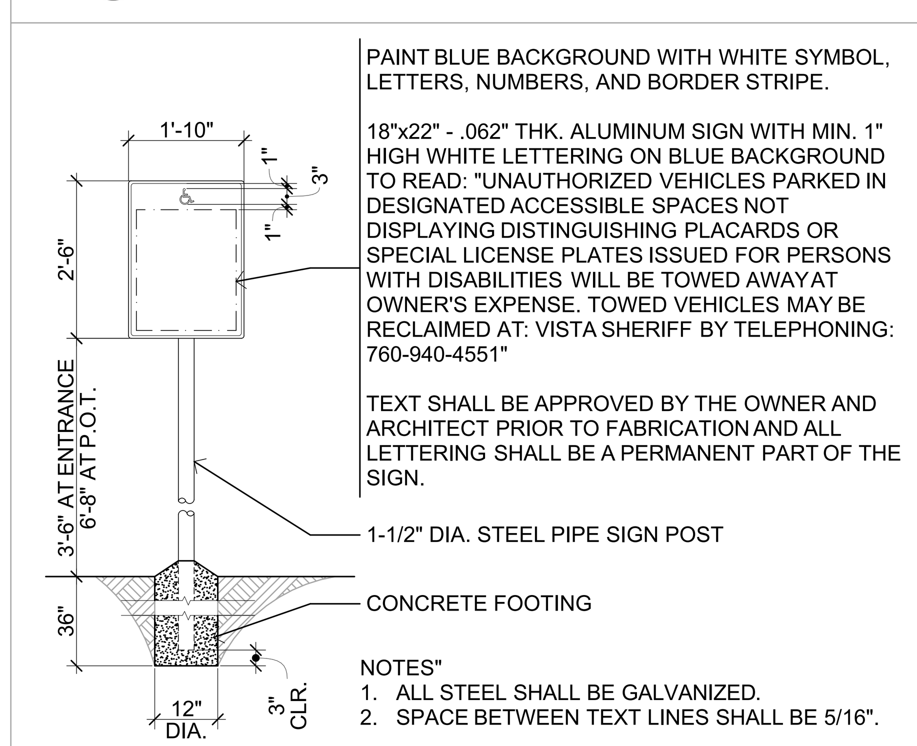
15 CONCRETE PAVING JOINTS
SCALE: 1 1/2"= 1'-0"



11 FORK LATCH
SCALE: 1" = 1'-0"

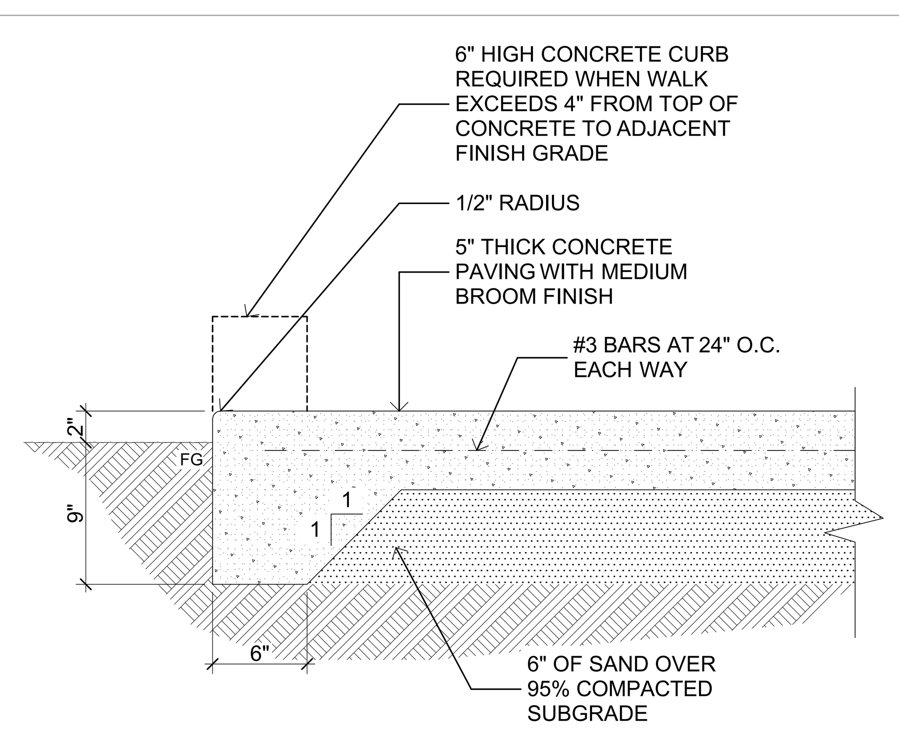


3 SINGLE MAINTENANCE GATE
SCALE: 3/8" = 1'-0"

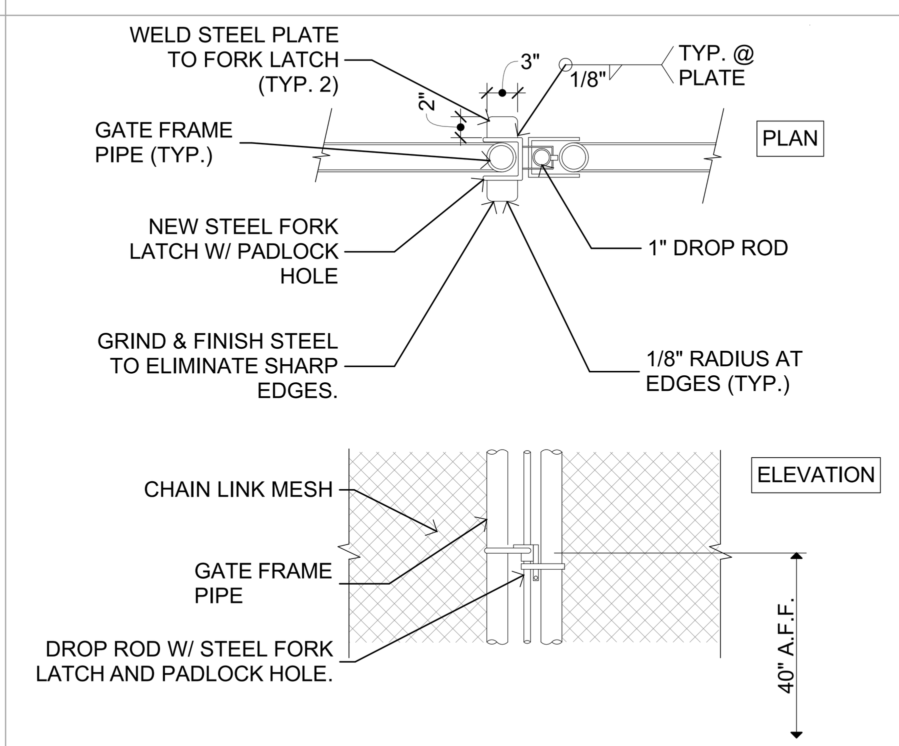


NOTES"
1. ALL STEEL SHALL BE GALVANIZED.
2. SPACE BETWEEN TEXT LINES SHALL BE 5/16".

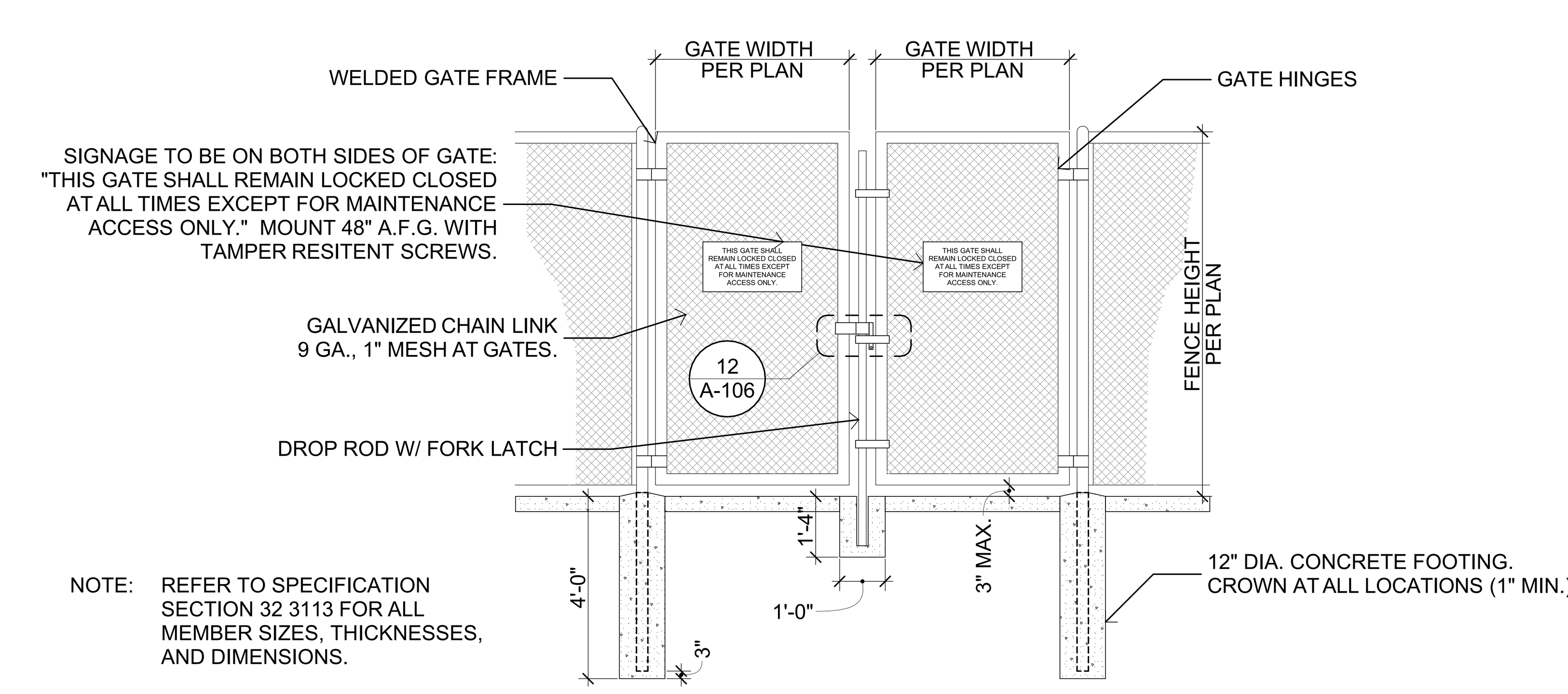
20 ACS TOW AWAY SIGN
SCALE: 1/2" = 1'-0"



16 EDGE OF PAVING
SCALE: 1 1/2"= 1'-0"



12 DROP ROD AND LATCH
SCALE: 1" = 1'-0"



NOTE: REFER TO SPECIFICATION SECTION 32 3113 FOR ALL MEMBER SIZES, THICKNESSES, AND DIMENSIONS.

4 DBL. MAINTENANCE GATE
SCALE: 3/8" = 1'-0"

IDENTIFICATION STAMP
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APP: 04-122112 INC:
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BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

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	04-10-23	DSA SUBMITTAL

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MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln
PLOT DATE:
8/18/2023
SHEET TITLE
SITE DETAILS

A-106

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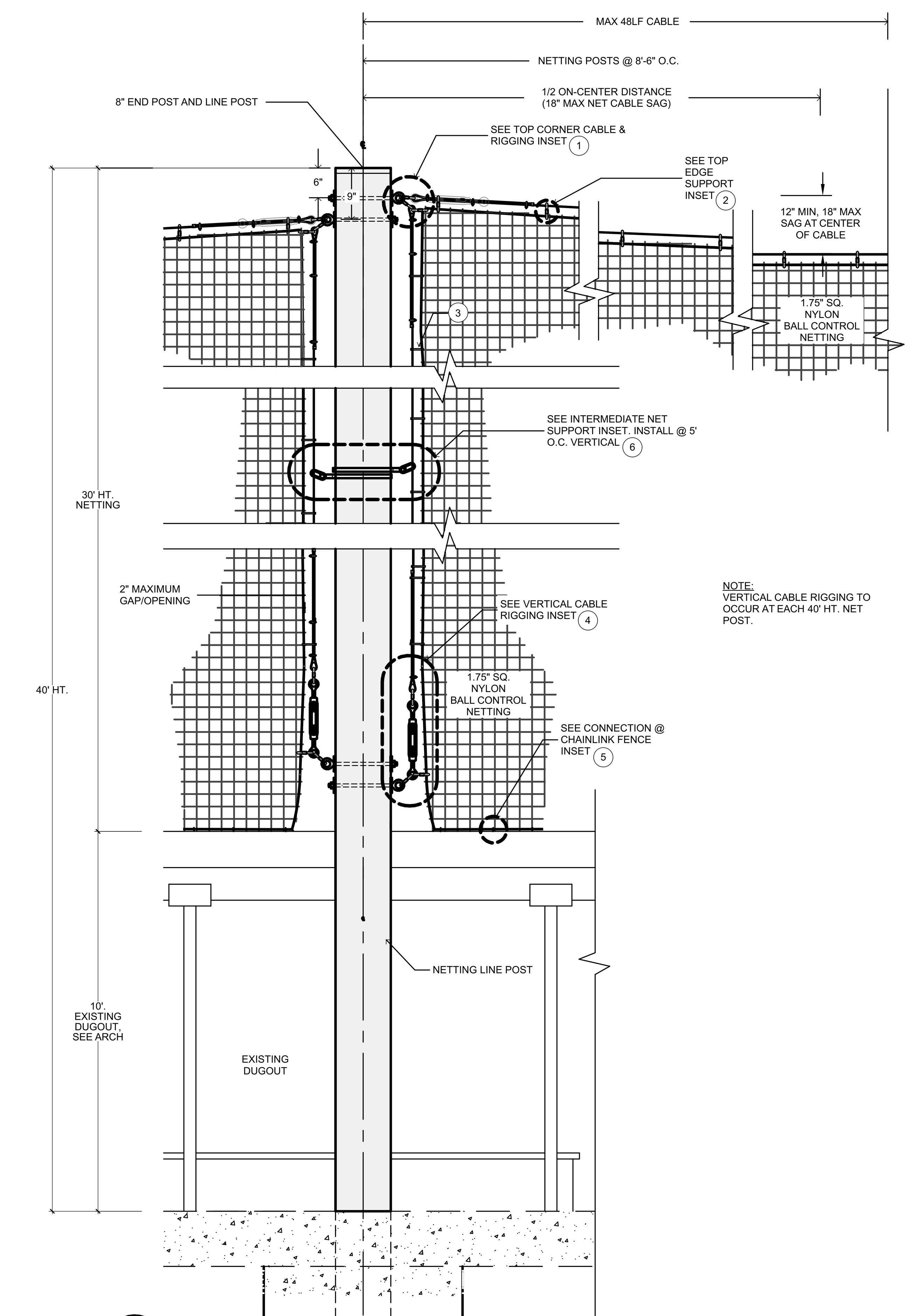
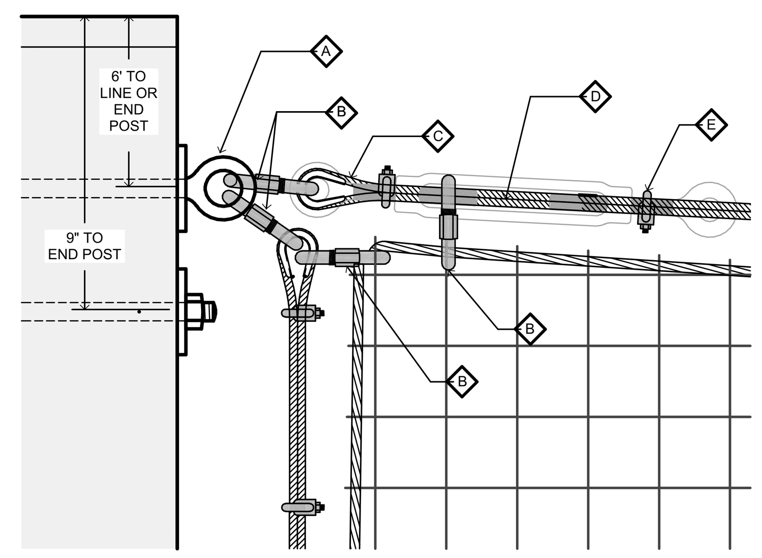
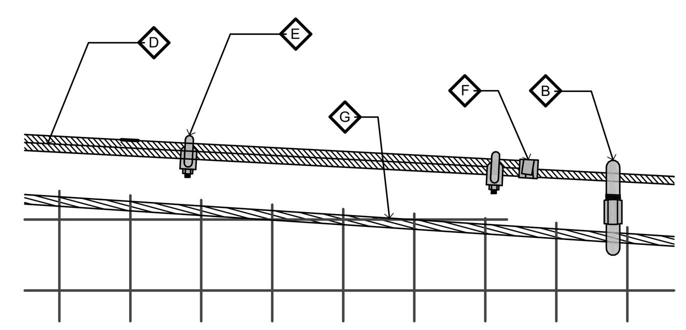


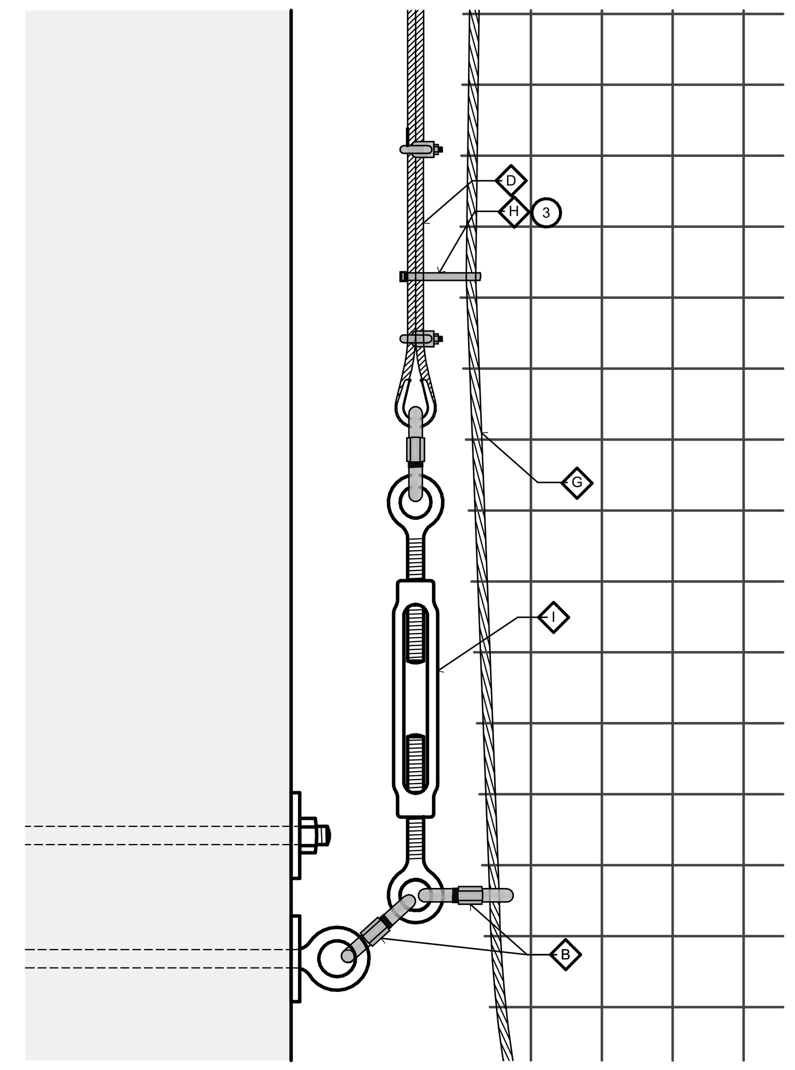
A BALL CONTROL NETTING ASSEMBLY
NOT TO SCALE



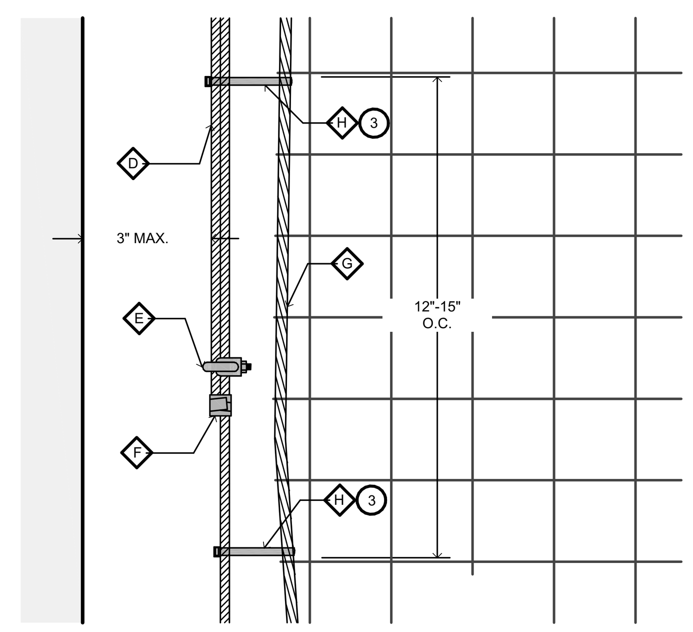
B TOP CORNER CABLE & RIGGING
NOT TO SCALE



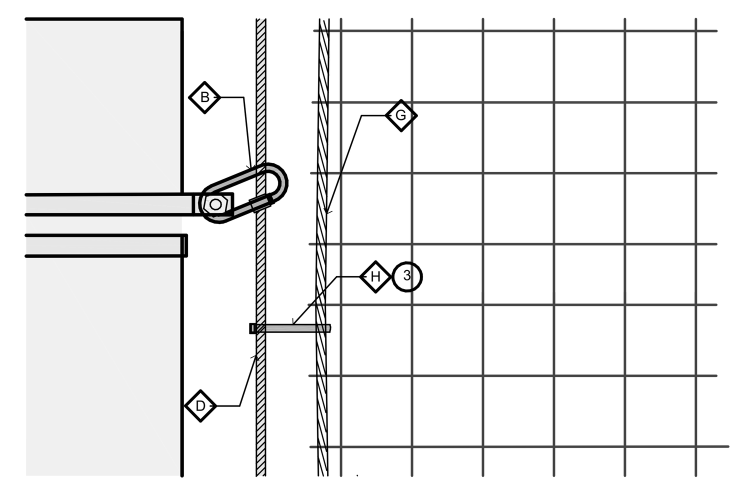
C TOP EDGE SUPPORT
NOT TO SCALE



E VERTICAL CABLE RIGGING
NOT TO SCALE



D VERTICAL EDGE SUPPORT
NOT TO SCALE



F INTERMEDIATE NET SUPPORT
NOT TO SCALE

CONNECTION NOTES:

1. TOP CORNER; EYE BOLT SIZED TO ACCOMMODATE BOTH THE LIMIT ON GAP BETWEEN THE POLE AND THE VERTICAL CABLE AND THE CONNECTING LINKS FOR BOTH THE VERTICAL AND HORIZONTAL SUPPORT CABLES. PROVIDE (1) TURNBUCKLE AT EACH END OF EACH CABLE.
2. TOP EDGE OF BALL CONTROL NET ASSEMBLY HELD TO THE SUPPORT CABLE WITH GALVANIZED OR STAINLESS STEEL OR ALUMINUM THREADED LINK, SNAP LINK, OR CARABINER-TYPE CONNECTOR WITH APPROVED BLACK FINISH. SIZE TO ALLOW SPACING NO LESS THAN MIN. 12" O.C.-MAX. 21" O.C. TO REDUCE ROPE BORDER SAG BETWEEN CONNECTIONS TO 2" OR LESS.
3. LOOSE VERTICAL CONNECTIONS TO BE VIA BLACK VINYL OR POLYESTER SNAP-CLIP SPACED 12"-15" O.C.
4. BOTTOM BERTICAL SUPPORT CABLE CONNECTION TO INCLUDE A TURNBUCKLE FOR ADJUSTMENT.
5. BALL CONTROL NET ASSEMBLY BOTTOM EDGE CONNECTION TO BE VIA NYLON ZIP TIE 12" O.C. DIRECTLY TO CHAIN LINK FABRIC BELOW THE TOP RAIL. CLF FABRIC TO BE INSTALLED ON THE FIELD SIDE OF THE FRAMEWORK. BALL CONTROL NET TO BE SECURED TO THE FIELD SIDE OF THE FINISHED CHAIN LINK FENCE ASSEMBLY BELOW THE TOP RAIL.
6. MAIN VERTICAL SUPPORT CABLE CONNECTION TO POLE AT 5' O.C., MATCH TOP TAB OR FLANGE.

HARDWARE NOTES:

- A. EYE BOLT LOCATED NEAR TOP OF POLE ASSEMBLY. PLACEMENT TO ACCOUNT FOR POTENTIAL OF UP TO 18" OF SAG IN THE TOP SUPPORT CABLE AT 150LBF OF PRESTRESS TENSION WITH THE NETTING IN PLACE. MAX SPACING BETWEEN HORIZONTAL CABLE ENDS 48LF. MAXIMUM CABLE TENSION IS 1700LBF.
- B. GALVANIZED OR STAINLESS STEEL THREADED MASTER LINK CARABINER OR APPROVED EQUAL, 1/2" X1-1.5" PROVIDE HORIZONTAL HARDWARE WITH APPROVED BLACK FINISH.
- C. GALVANIZED STEEL THIMBLE SIZED FOR THE SPECIFIED WIRE ROPE; USE AT ALL CABLE TERMINATIONS.
- D. GALVANIZED STEEL WIRE ROPE, 5/16"Ø. ASTM A-1023, 7X7 OR 7X19, IWRC.
- E. WIRE ROPE CONNECTOR, U-BOLT TYPE. MIN. TWO PER CONNECTION OR AS NEEDED.
- F. VINYL TAPE TRIPLE WRAP ALL CUT WIRE ENDS.
- G. PRE-FABRICATED BALL CONTROL NET ASSEMBLY TO BE PROVIDED WITH A CONTINUOUS 3/8"Ø NYLON ROPE BORDER.
- H. BLACK VINYL OR POLYESTER SNAP-CLIP FOR VERTICAL CABLE-TO-ROPE CONNECTIONS ONLY
- I. GALVANIZED OR STAINLESS STEEL TURNBUCKLE, 1/2" X 12".

4 BALL CONTROL & CABLE DETAIL
SCALE: 6" = 1'-0"

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MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE
SITE DETAILS

A-107

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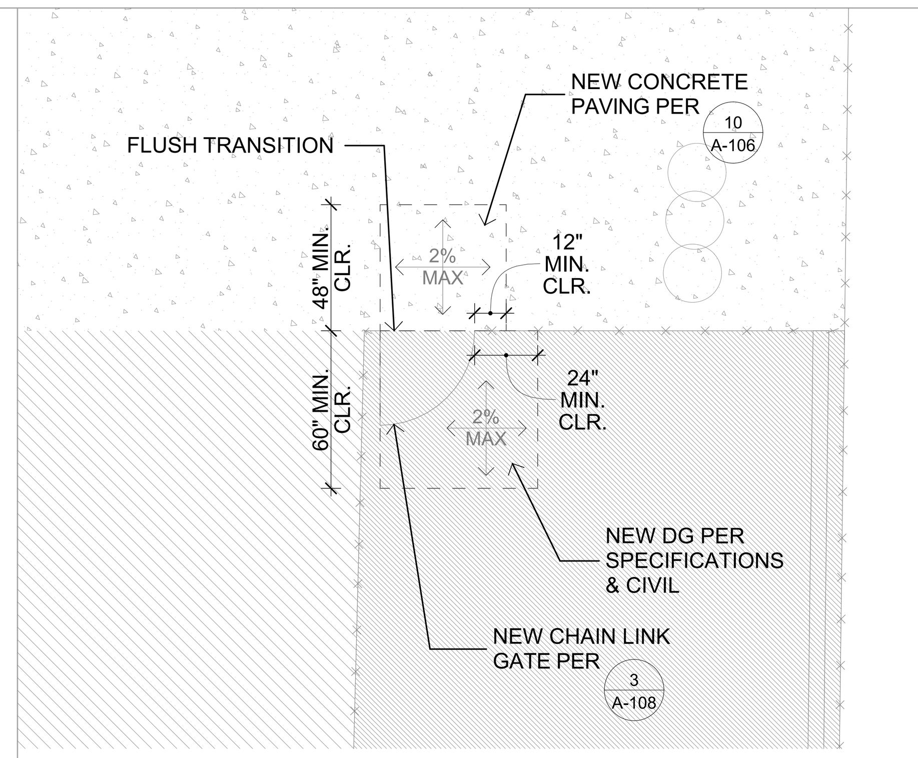
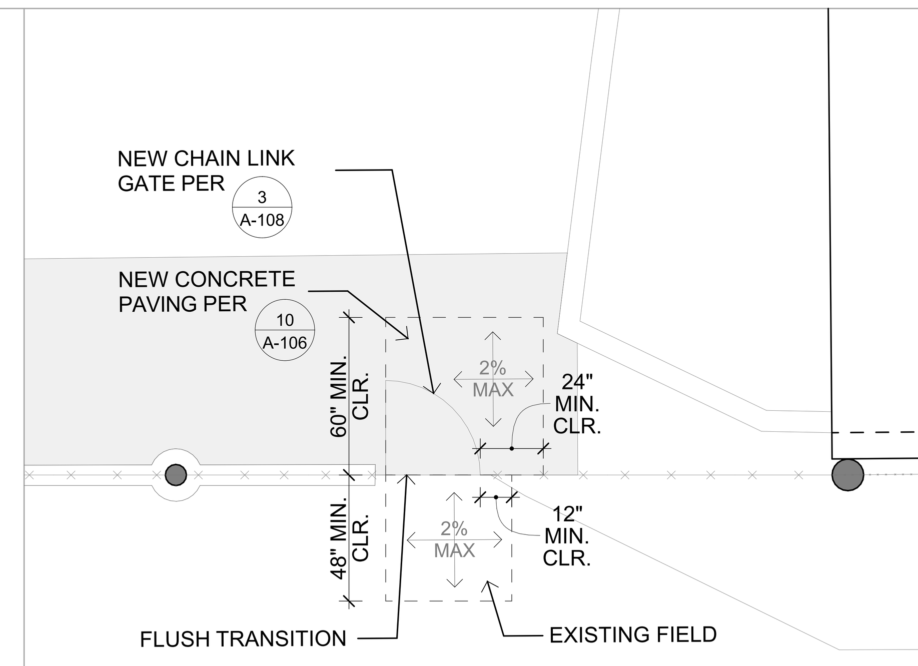
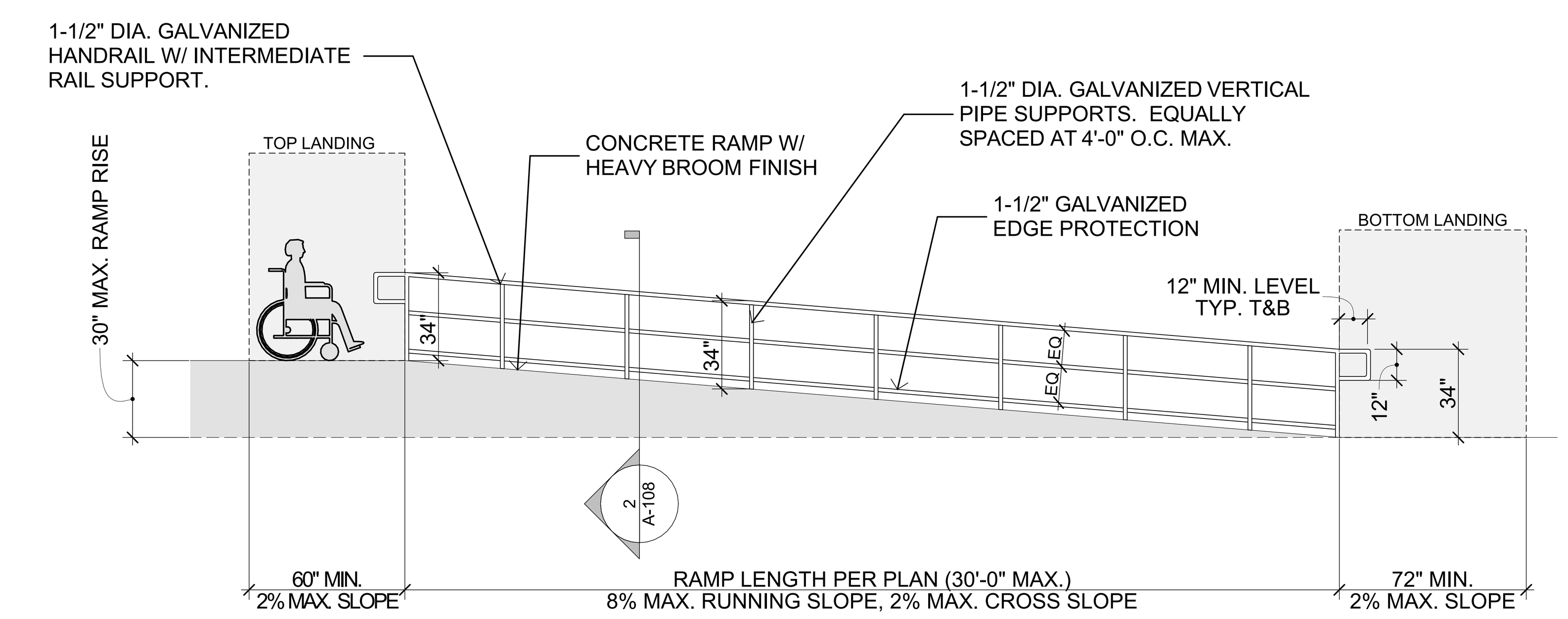


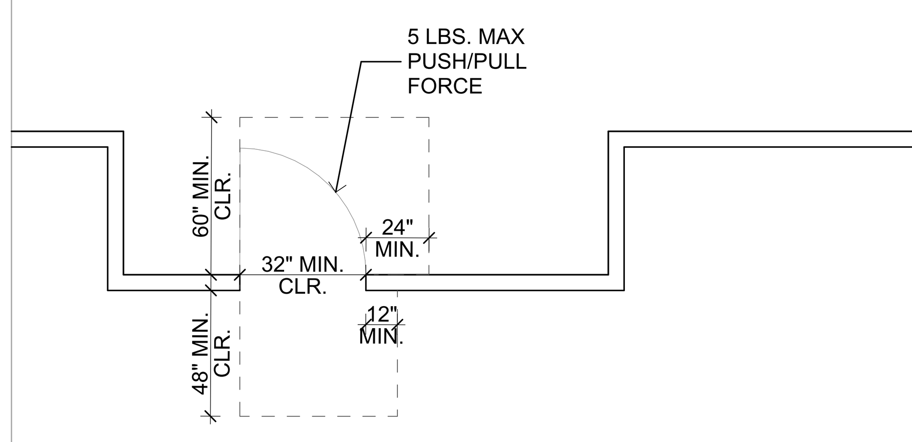
13 ENLARGED GATE PLAN
SCALE: 1/4" = 1'-0"



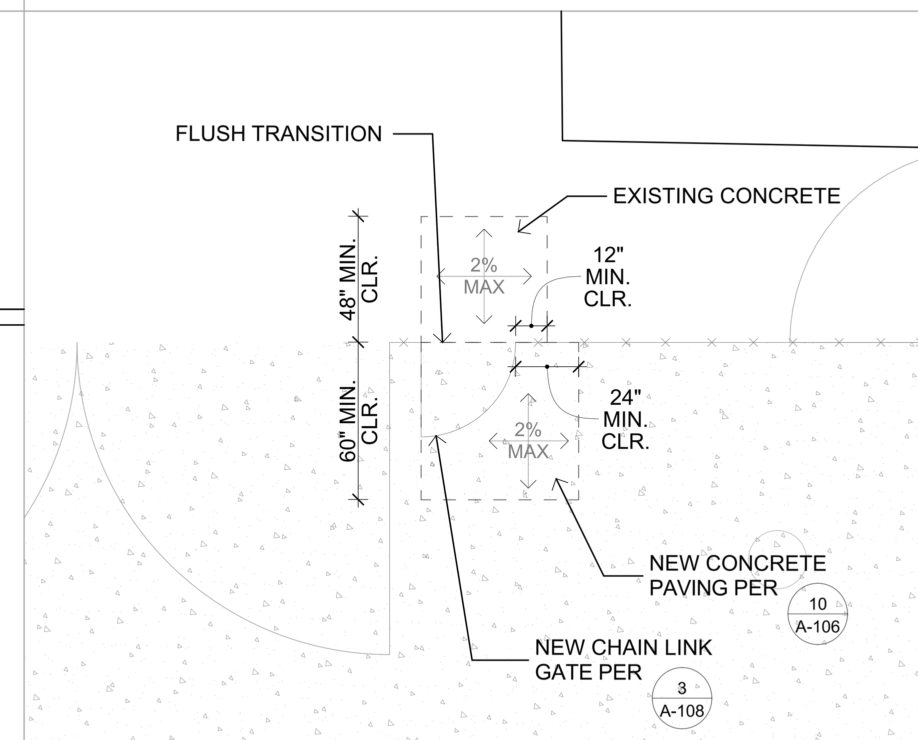
9 ENLARGED GATE PLAN
SCALE: 1/4" = 1'-0"



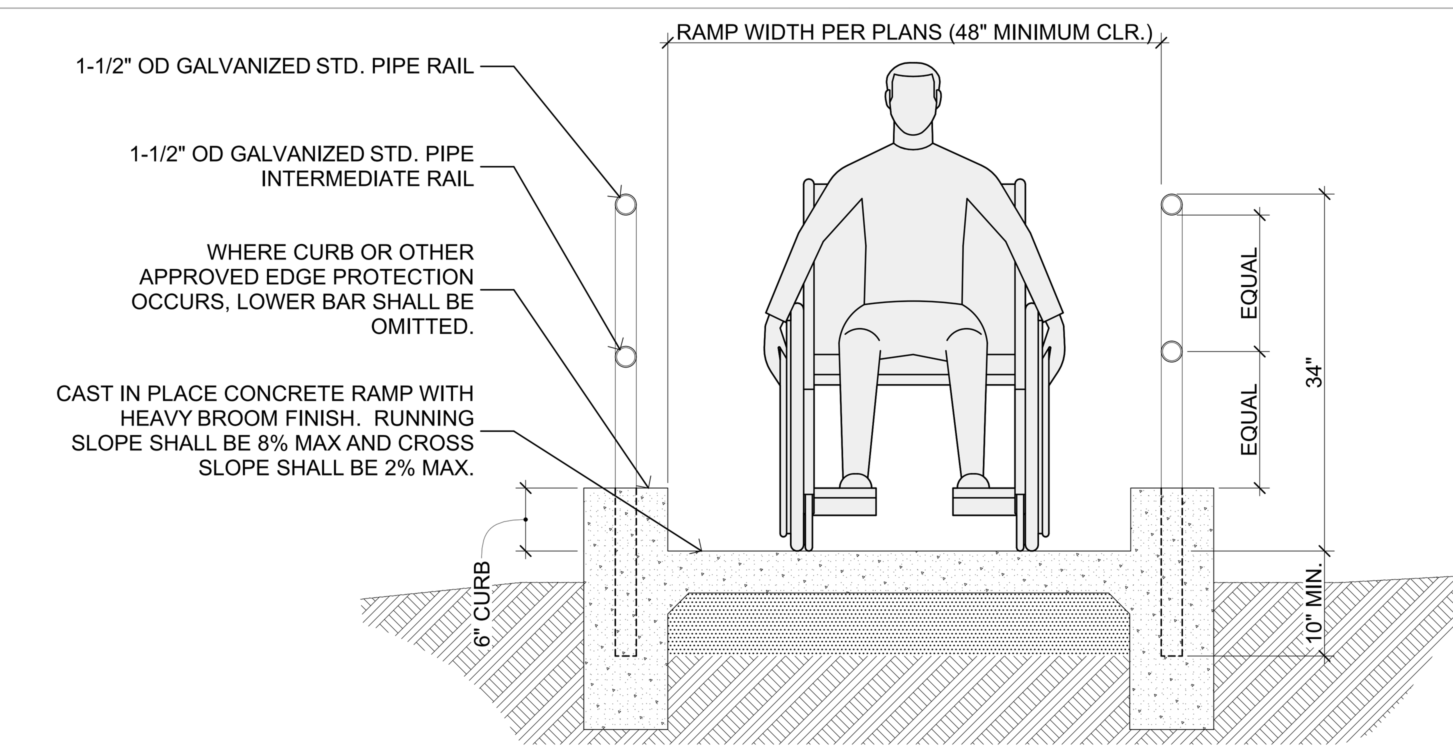
1 RAMP HANDRAIL
SCALE: 1/4" = 1'-0"



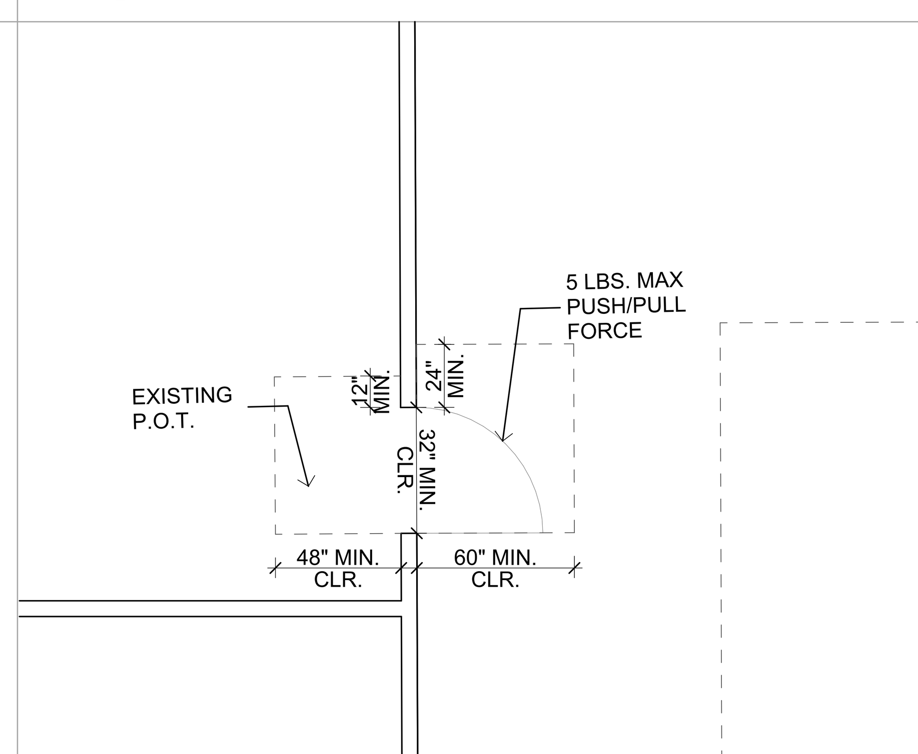
14 ENLARGED DOOR PLAN
SCALE: 1/4" = 1'-0"



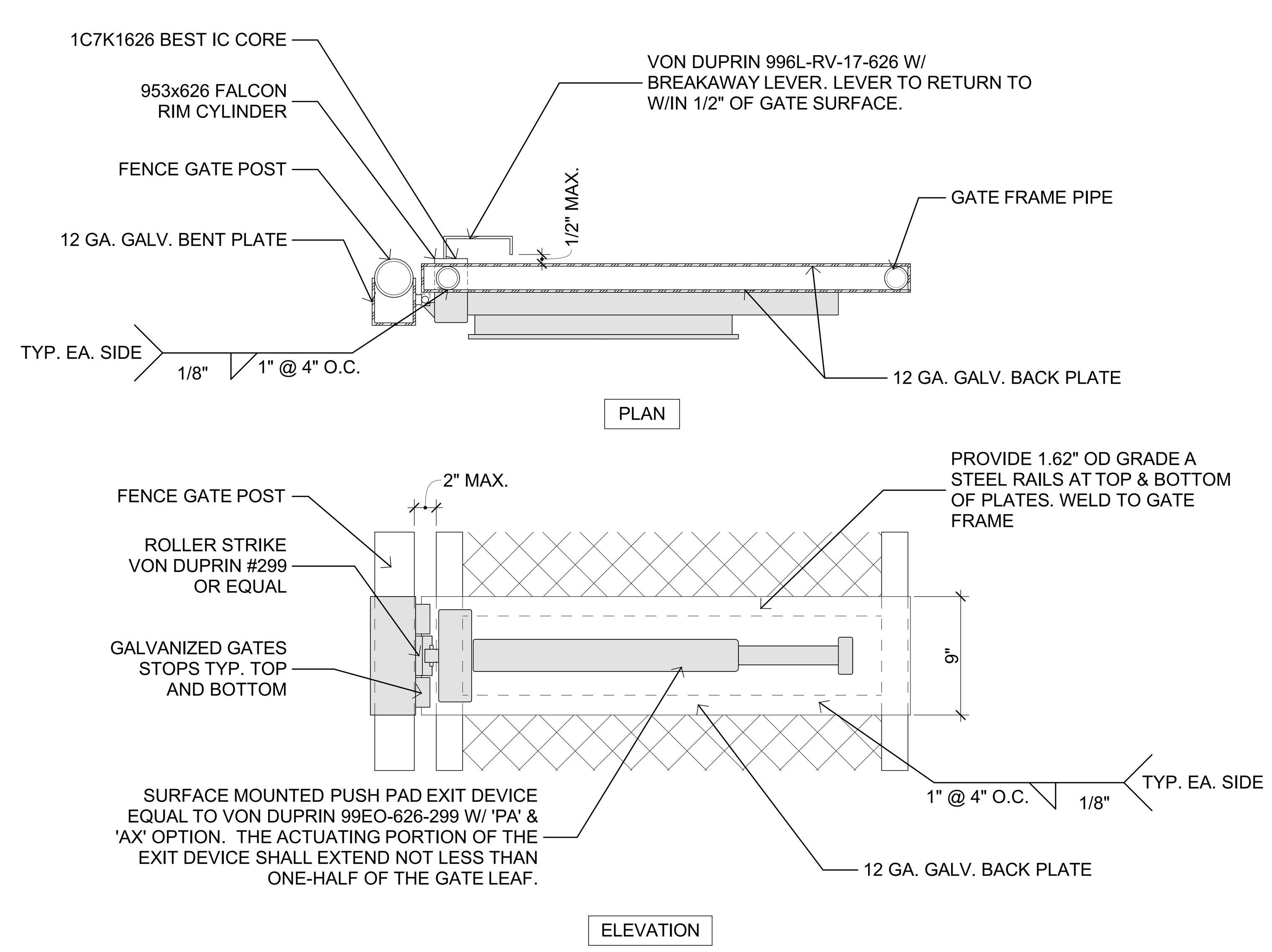
10 ENLARGED GATE PLAN
SCALE: 1/4" = 1'-0"



2 RAMP HANDRAIL SECTION
SCALE: 1" = 1'-0"

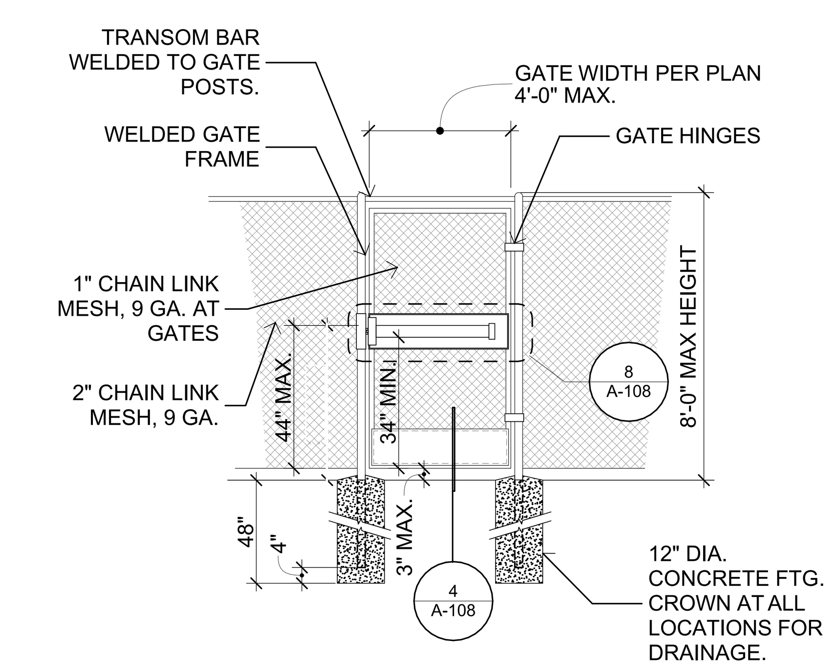


15 ENLARGED DOOR PLAN
SCALE: 1/4" = 1'-0"

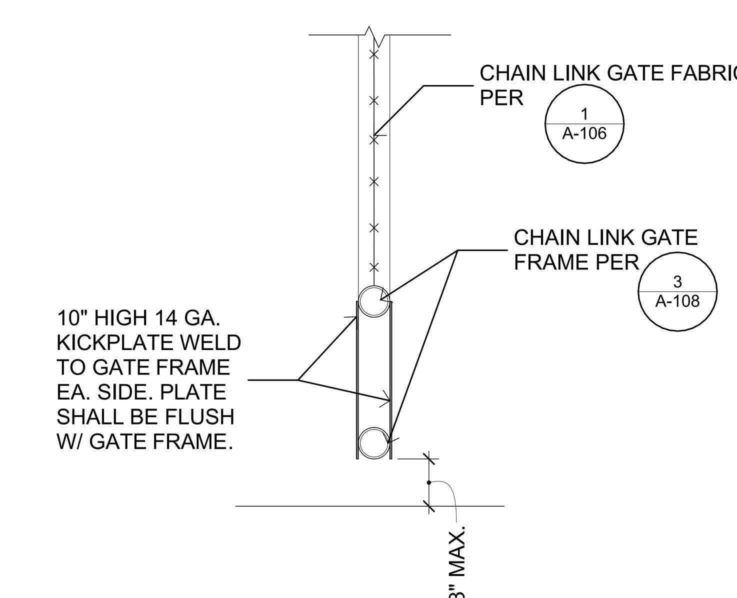


NOTE
-ALL FINISHED TO BE 626 U.N.O.
-THE OPENING FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE 5 POUNDS MAXIMUM PER CBC 11B-404.2.9
-HARDWARE SHALL UNLATCH WITH 5 POUNDS MAXIMUM FORCE PER CBC 11B-309.4

8 EXIT DEVICE
SCALE: 1 1/2" = 1'-0"



3 SINGLE PED. GATE W/ EXIT DEVICE
SCALE: 3/8" = 1'-0"



4 KICKPLATE
SCALE: 1 1/2" = 1'-0"

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LICENSED ARCHITECT
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EXP. 12/23
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ENGINEER OF RECORD

EXCELLENCE INNOVATION VISTA UNIFIED SCHOOL DISTRICT

BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL
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VISTA, CALIFORNIA 92083

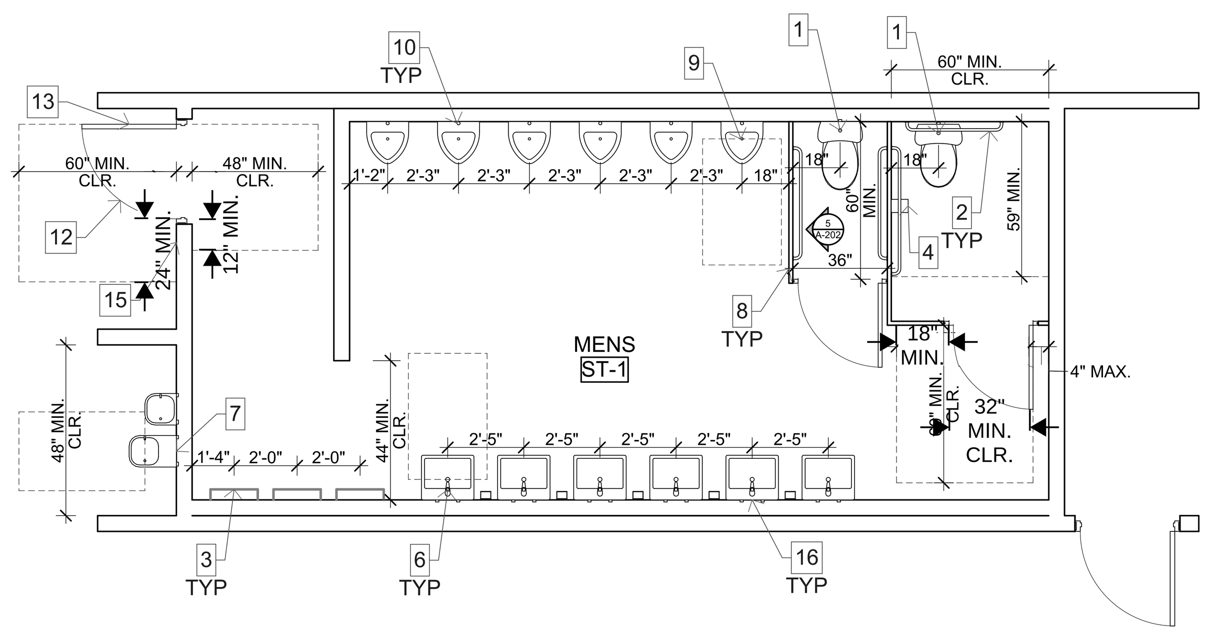
VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

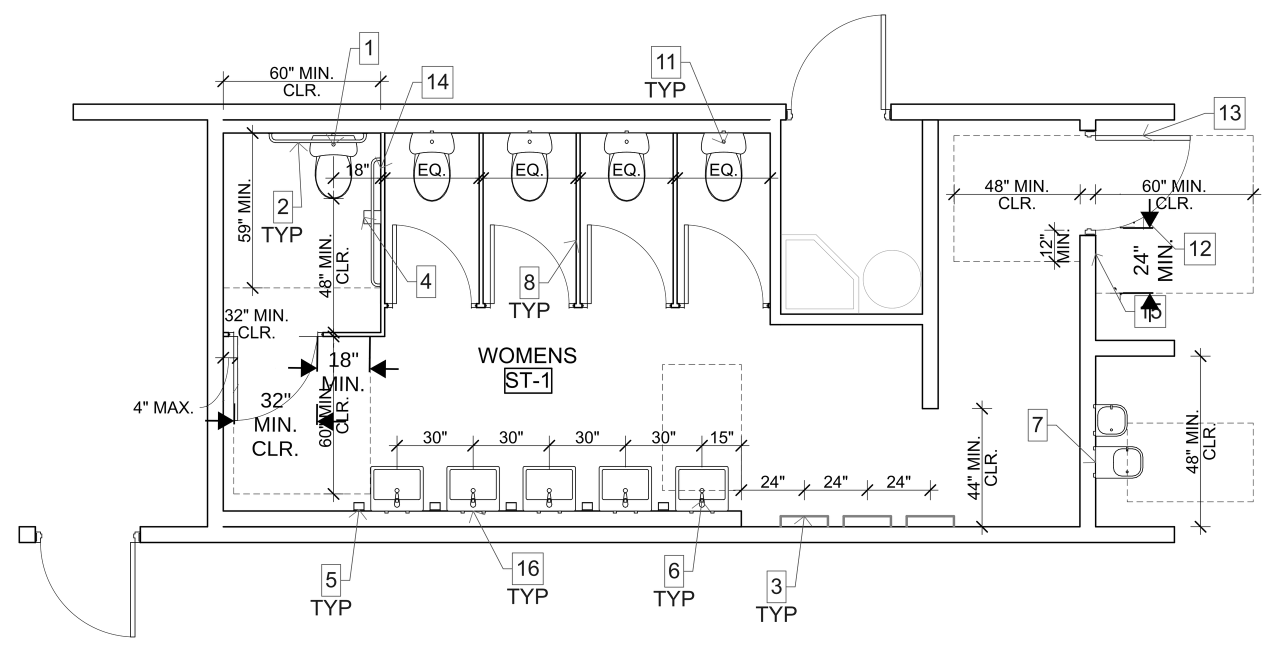
PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln
PLOT DATE:
8/18/2023
SHEET TITLE
SITE DETAILS

A-108



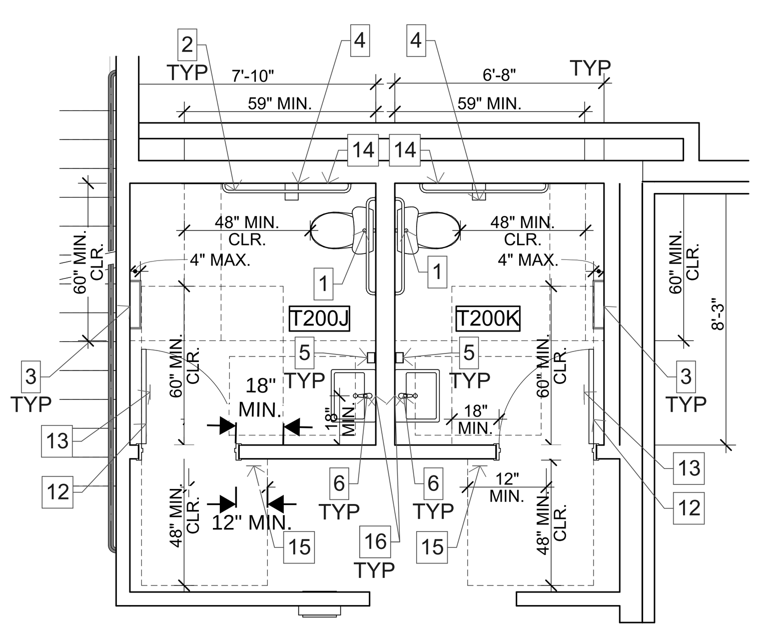
1 ST-1 MENS BATHROOM

SCALE: 1/4" = 1'-0"



2 ST-1 WOMENS BATHROOM

SCALE: 1/4" = 1'-0"



3 STAFF BATHROOMS

SCALE: 1/4" = 1'-0"

NOTES

1. EXISTING ACCESSIBLE FLOOR MOUNTED WATER CLOSET PER DETAIL 3/A-202 AND DSA APPROVED A#04-114697 & A#04-120054.
2. EXISTING STAINLESS STEEL GRAB BAR. REFER TO DETAILS 4, 5, 7 & 8/A-202 FOR LENGTH & MOUNTING HEIGHT. REFER TO DSA APPROVED A#04-114697 & A#04-120054 .
3. EXISTING SURFACE MOUNTED HAND DRYER WITH ADA RECESSED KITS. REFER TO DETAIL 9/A-202 AND DSA APPROVED A#04-114697 & A#04-120054 .
4. EXISTING SURFACE MOUNTED TOILET TISSUE DISPENSER - 3" MAX PROJECTION. REFER TO DETAILS 5 & 9/A-202 AND DSA APPROVED A#04-114697 & A#04-120054 .
5. EXISTING SURFACE MOUNTED LIQUID SOAP DISPENSER. REFER TO DETAIL 9/A-202 AND DSA APPROVED A#04-114697 & A# 04-120054 .
6. EXISTING ACCESSIBLE LAVATORY. REFER TO DETAILS 1 & 2/ A-202 AND DSA APPROVED A#04-114697 & A#04-120054 .
7. EXISTING ACCESSIBLE DUAL HEIGHT DRINKING FOUNTAIN WITH HYDRATION STATION. REFER TO DETAIL 11/A-202 .
8. EXISTING FLOOR TO CEILING TOILET PARTITIONS. REFER TO DETAIL 4 /A-202 .
9. EXISTING ACCESIBLE URINAL. REFER TO DETAIL 6/A-202 AND DSA APPROVED A#04-114697 .
10. EXISTING STANDARD URINAL. REFER TO A#04-114697 .
11. EXISTING STANDARD FLOOR MOUNTED WATER CLOSET. REFER TO DSA APPROVED A#04-114697 .
12. EXISTING DOOR TO REMAIN. REFER TO DSA APPROVED A#04-114697 & A#04-120054 .
13. EXISTING GEOMETRIC RESTROOM DOOR SIGNAGE. REFER TO DETAIL 12/A-202 AND DSA APPROVED A#04-114697 & A#04-120054.
14. EXISTING SURFACE MOUNTED SANITARY NAPKIN DISPOSAL UNIT LOCATED IN GENDER NEUTRAL, STAFF, AND GIRLS RESTROOMS. REFER TO DETAIL 9/A-202 FOR MOUNTING HEIGHT AND DSA APPROVED A#04-114697 & A#04-120054 .
15. EXISTING RESTROOM WALL SIGNAGE. REFER TO DETAIL 10/A-202 AND DSA APPROVED A#04-114697 & A#04-120054 .
16. EXISTING STAINLESS STEEL FRAMED MIRROR. REFER TO DETAIL 1/A-202 AND DSA APPROVED A#04-114697 & A#04-120054 .

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MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln
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8/18/2023

SHEET TITLE

BATHROOM FLOOR PLANS

A-201

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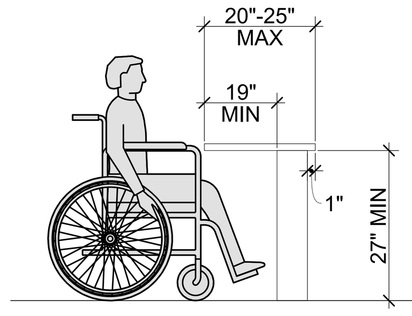
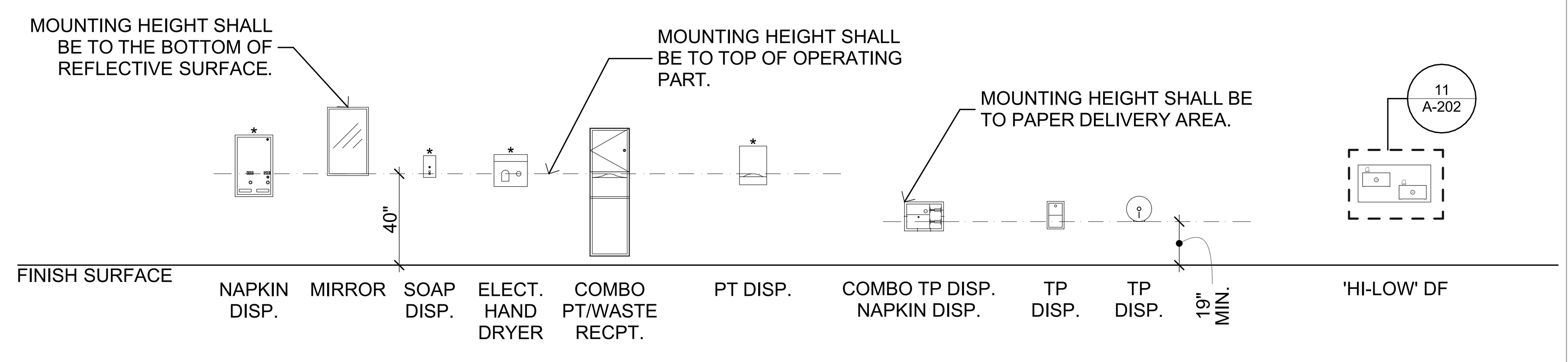


NOTE:

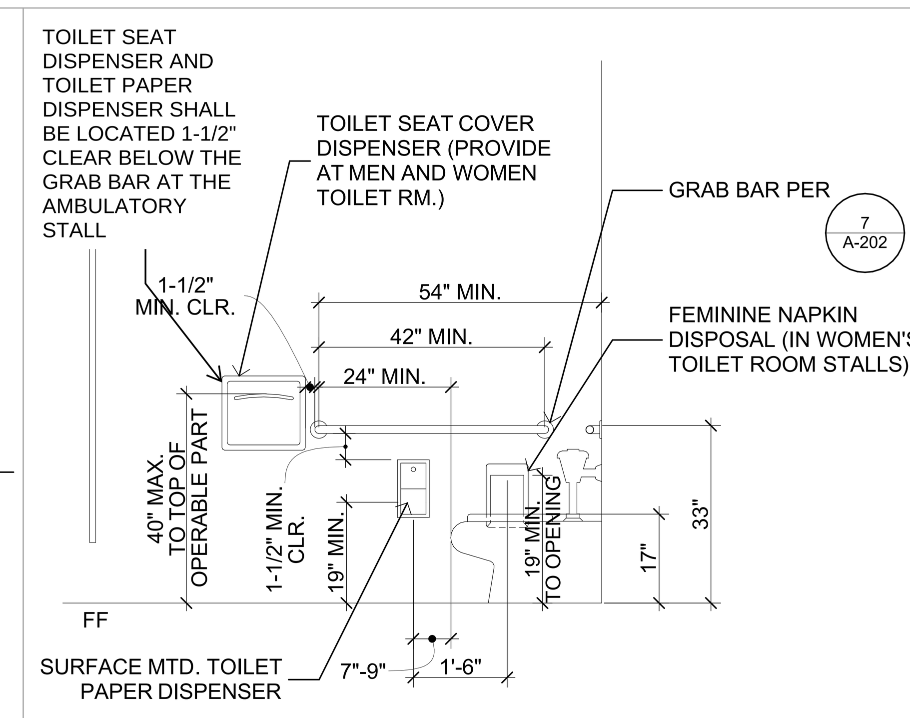
1. PER 2022 CBC 11B-308.2.2: WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQ. REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAX. WHERE THE REACH DEPTH IS 20 INCHES MAX. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAX AND THE REACH DEPTH SHALL BE 20 TO 25 INCHES MAX.
2. NO SHARP OR ABRASIVE ELEMENTS IN KNEE SPACE.

17 ACS REACH RANGES
SCALE: 1/2" = 1'-0"



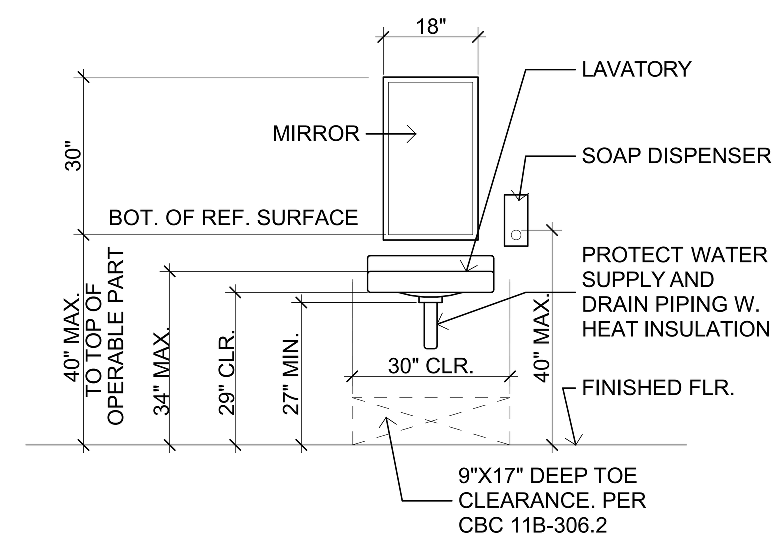
* 4" MAX. PROJECTION

9 ACCESSORY MOUNTING HEIGHTS
SCALE: 1/2" = 1'-0"

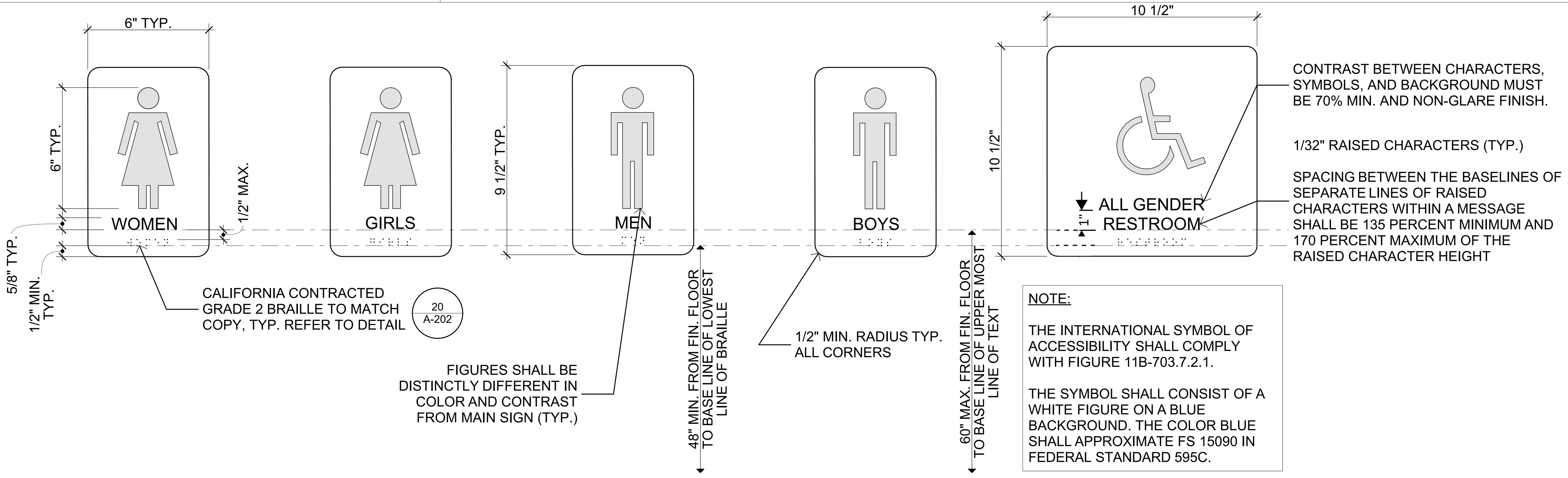


5 (E) ACS STALL SIDE ELEVATION
SCALE: 1/2" = 1'-0"

LOCATE ALL ACCESSIBLE COMPONENTS OF TOILET ROOM ACCESSORIES WITHIN 40" OF FINISH FLOOR AND NOT BELOW 24" FROM FINISH FLOOR



1 (E) ACS LAVATORY
SCALE: 1/2" = 1'-0"

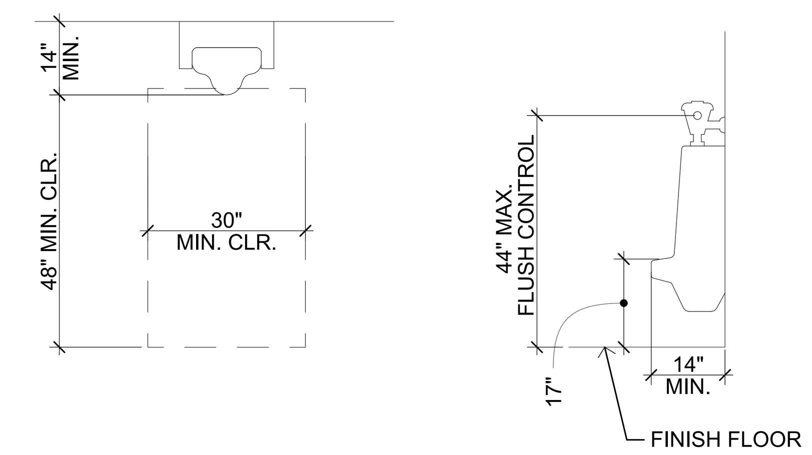


NOTE:

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.7.2.1.

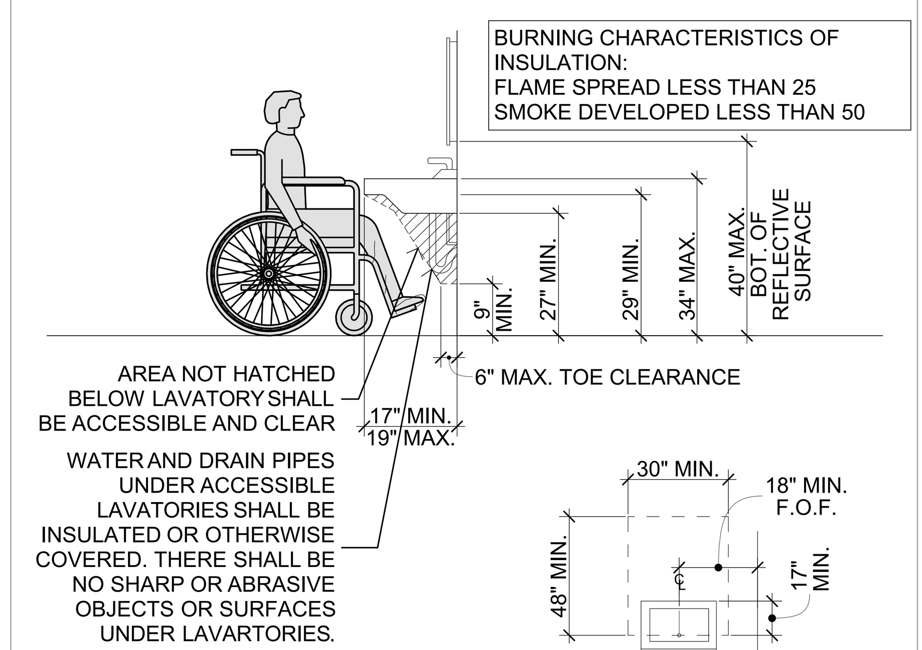
THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE COLOR BLUE SHALL APPROXIMATE FS 15090 IN FEDERAL STANDARD 595C.

10 RESTROOM WALL SIGNAGE
SCALE: 3" = 1'-0"



6 ACS URINAL
SCALE: 1/2" = 1'-0"

BURNING CHARACTERISTICS OF INSULATION:
FLAME SPREAD LESS THAN 25
SMOKE DEVELOPED LESS THAN 50

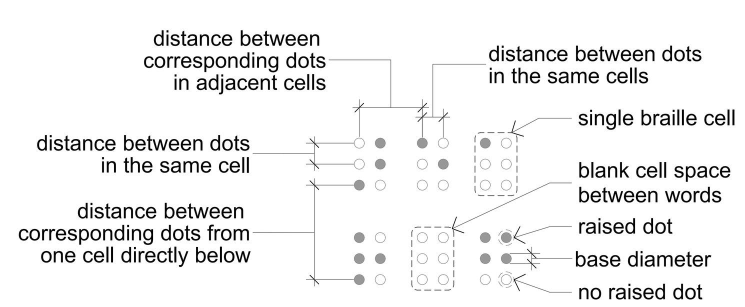


2 ACS LAVATORY CLEARANCES
SCALE: 1/2" = 1'-0"

1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" INCH (0.794 MM) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" HIGH AND A MAX OF 2" HIGH.
3. FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS, AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. 11B-703
4. PROPORTIONS: RAISED CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.
5. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH MINIMUM AND 4 TIMES THE CHARACTER STROKE WIDTH MAX. AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH MINIMUM.
6. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.

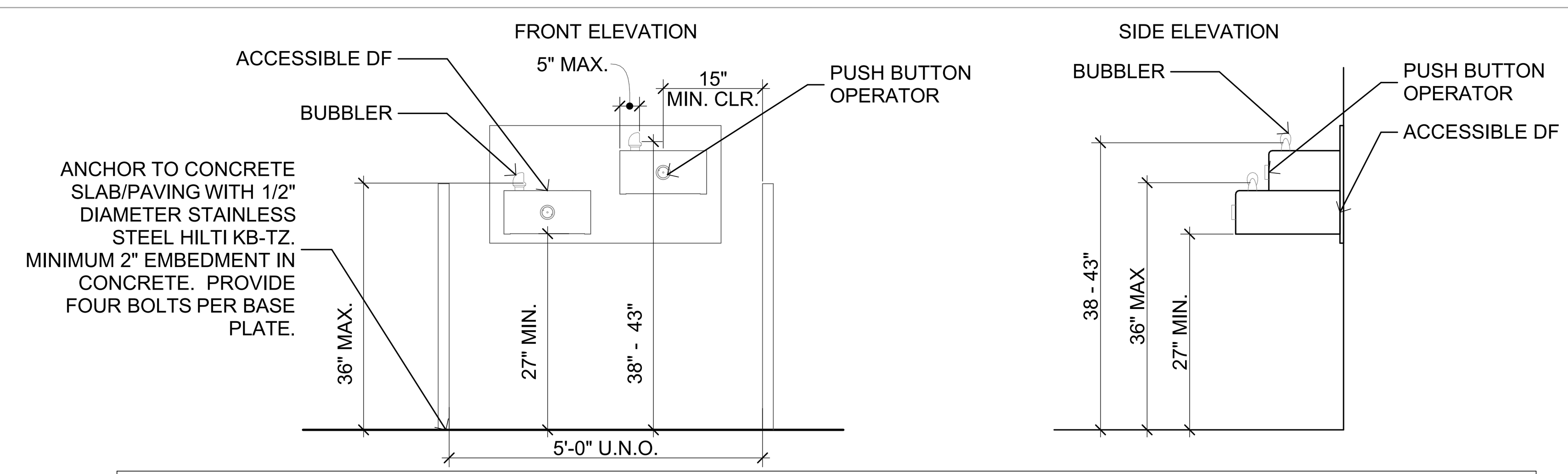
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 (1.5 mm) to 0.063 (1.6 mm)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL[1]	0.100 (2.5 mm)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS[1]	0.300 (7.6 mm)
DOT HEIGHT	0.025 (0.6 mm) to 0.037 (0.9 mm)
DISTANCE BETWEEN CORRESPONDING DORS FROM ONE CELL DIRECTLY BELOW[1]	0.395 (10 mm) to 0.400 (10.2 mm)

1. MEASURED CENTER TO CENTER.



REQUIRED ROUNDED OR DOMED CONTRACTED CALIFORNIA BRAILLE (GRADE 2) DOTS, EACH DISTINCT AND SEPARATE. DOTS WITH STRAIGHT SIDES AND FLAT TOPS ARE NOT READABLE FOR MANY BRAILLE USERS. SQUARE DOT NOT ACCEPTABLE.

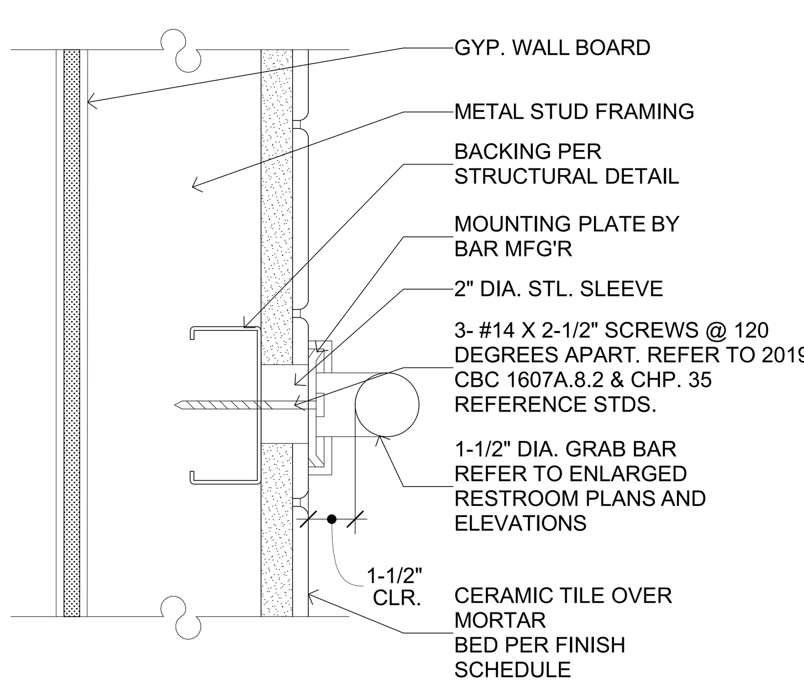
20 BRAILLE
SCALE: 1" = 1'-0"



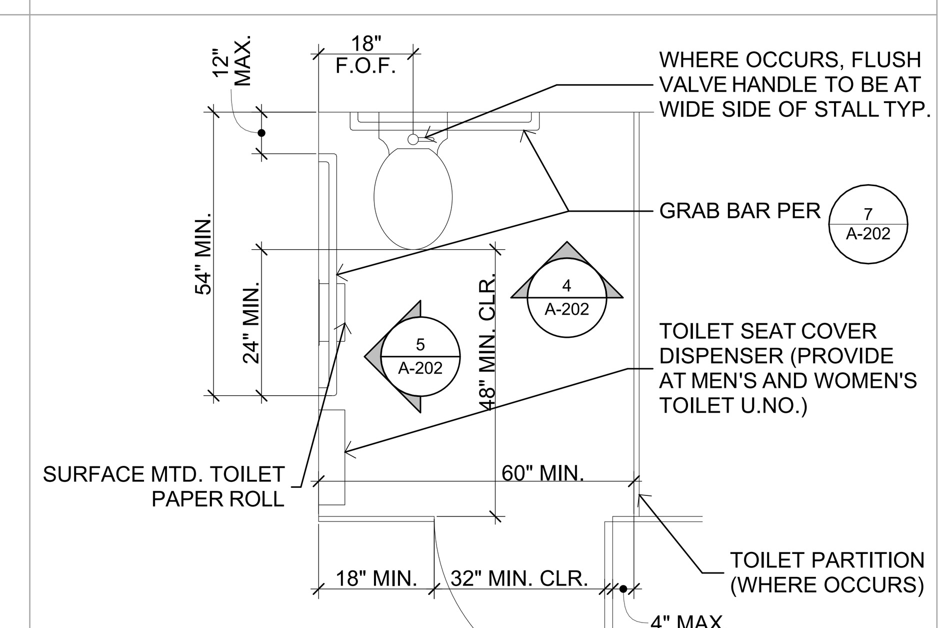
NOTE:
DETAIL IS INTENDED TO ILLUSTRATE DIMENSIONS & BASIC ELEMENTS. FIXTURE COUNT MAY VARY. REFER TO SITE PLAN FOR DRINKING FOUNTAIN TYPES & LOCATIONS.

NOTE:
THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FORM THE FRONT OF THE UNIT. IF THE SPOUT IS LOCATED LESS THAN 3 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE LOCATED BETWEEN 3 AND 5 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE STREAM SHALL BE 15 DEGREES MAXIMUM RELATIVE TO THE FRONT FACE (ORIENTATION OF WALL SURFACE).

11 (E) HI-LO DRINKING FOUNTAIN
SCALE: 1/2" = 1'-0"

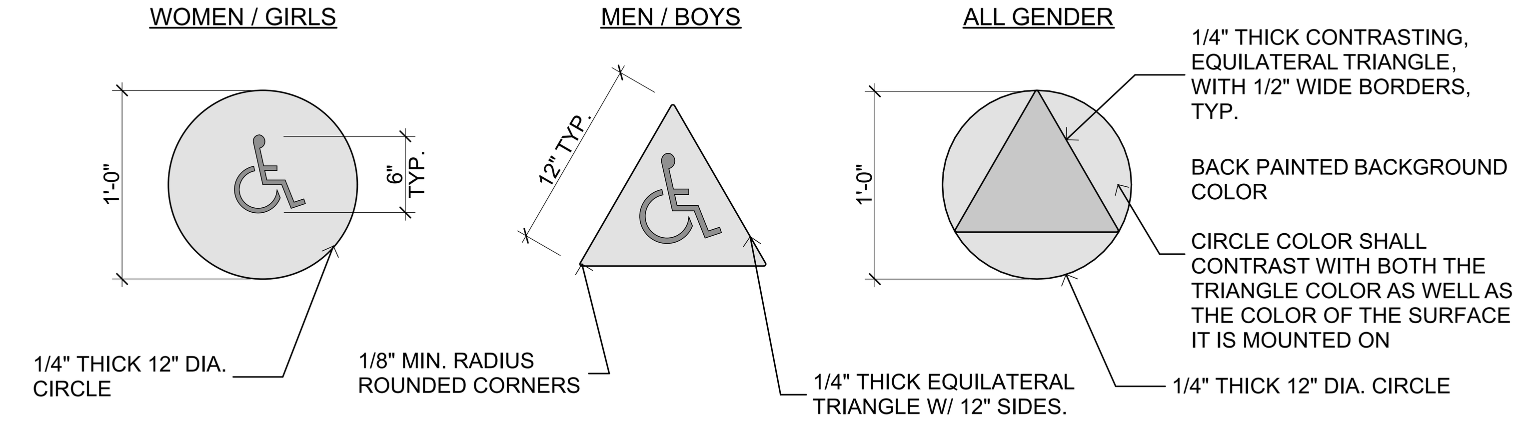


7 GRAB BAR MOUNTING AT WALL
SCALE: 3" = 1'-0"



NOTE:
MAINTAIN 34" MIN. CLEAR AT ACCESSIBLE STALLS W/ SIDE OPENING DOOR.

3 (E) ACS STALL PLAN
SCALE: 1/2" = 1'-0"



NOTE:

SYMBOLS SHALL BE DISTINCTLY DIFFERENT FROM THE DOOR IN COLOR AND CONTRAST.

SIGN SHALL BE CENTERED ON DOOR AND MOUNTED 60" A.F.F. TO THE CENTER OF THE SIGN.

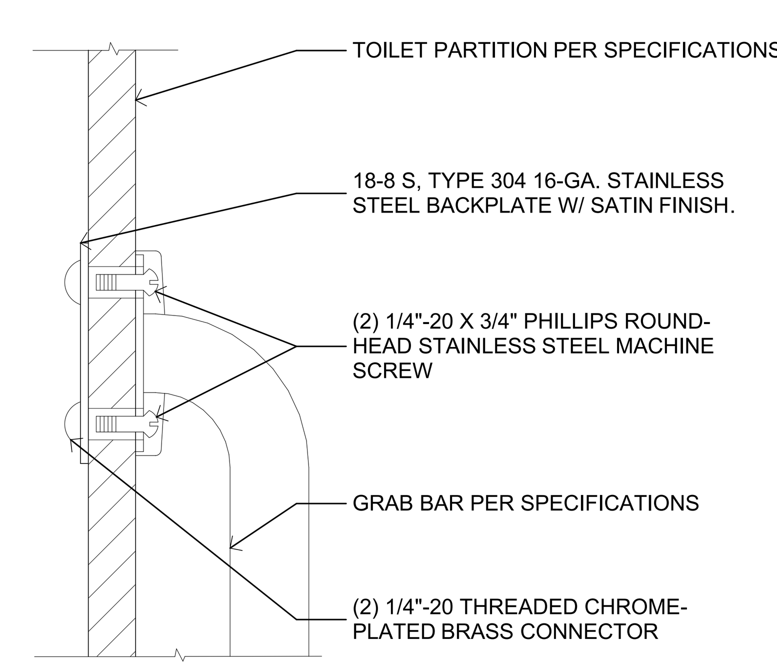
EDGES AND VERTICES ON GEOMETRIC SYMBOLS SHALL BE EASED OR ROUNDED AT 1/16" MIN. OR CHAMFERED AT 1/8" MAX. VERTICES SHALL BE RADIUSES BETWEEN 1/8" AND 1/4".

NOTE:

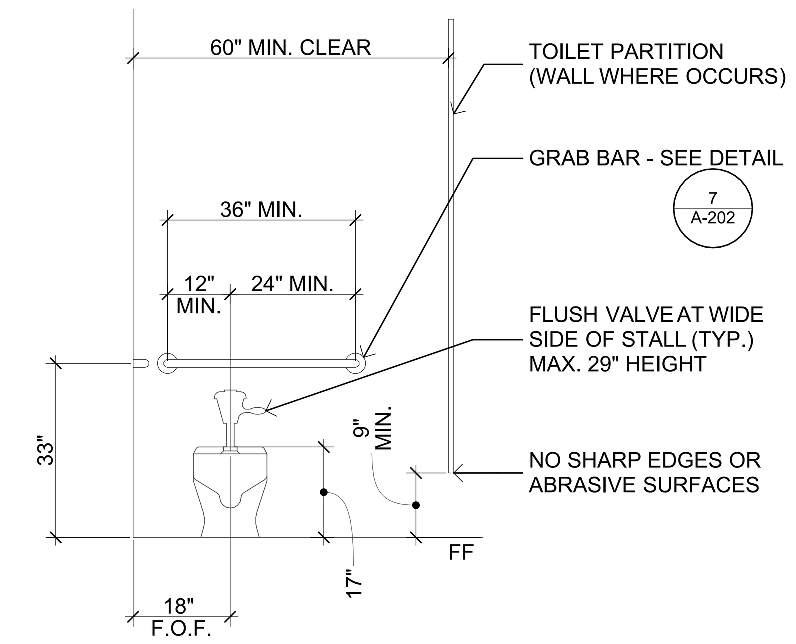
THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.7.2.1.

THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE COLOR BLUE SHALL APPROXIMATE FS 15090 IN FEDERAL STANDARD 595C.

12 RESTROOM DOOR SIGNAGE
SCALE: 1 1/2" = 1'-0"



8 GRAB BAR MTG. AT PARTITION
SCALE: 6" = 1'-0"



4 (E) ACS STALL FRONT ELEVATION
SCALE: 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122112 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2023

ALPHASTUDIO DESIGN GROUP

6152 INNOVATION WAY
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760-431-2444
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ARCHITECT OF RECORD

LICENSED ARCHITECT
JOSHUA T. ECKLE
No. C31020
EXP. 12/23
STATE OF CALIFORNIA

ENGINEER OF RECORD

EXCELLENCE INNOVATION
VISTA UNIFIED SCHOOL DISTRICT

BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL
1 PANTHER WAY
VISTA, CALIFORNIA 92083

VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CALIFORNIA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-23	DSA SUBMITTAL

PROJECT NO: 22-029
MODEL FILE:
22-029 VHS Baseball Backstop and Perimeter Fencing.pln

PLOT DATE:
8/18/2023

SHEET TITLE
BATHROOM DETAILS

A-202

F:\ASDG Projects\Active Projects\22-004 VUSD VHS Gym Fans\Archicad\22-004 VUSD VHS Gym Fans.pln

SPECIAL INSPECTIONS & TESTING (CBC CHAPTER 17A)

1. SPECIAL INSPECTIONS & TESTING SHALL MEET THE REQUIREMENTS OF CBC CHAPTER 17A TITLE 24, PART 2, CCR.
2. PROJECT INSPECTOR OF RECORD: IN ACCORDANCE WITH TITLE 24, PART 1.
3. CERTIFIED SPECIAL INSPECTORS SHALL:
   A. BE CERTIFIED BY DSA TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED.
   B. PREPARE REPORTS THAT SHALL BE SIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
   C. OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DRAWINGS AND SPECIFICATIONS.
   D. FURNISH INSPECTION REPORTS TO THE ENGINEER AND DSA. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE ENGINEER AND DSA PER CBC SECTION 1704A.2.4.
   E. SUBMIT TO THE ENGINEER AND DSA A FINAL VERIFIED REPORT, SIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER, STATING THAT THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF CBC TITLE 24, PART 2, CCR.
4. SUMMARY OF CONTINUOUS AND PERIODIC INSPECTIONS:
   A. SPECIAL INSPECTIONS ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY CBC SECTION 110, TITLE 24, PART 2, CCR. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY DSA. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF DSA IS SUBJECT TO REMOVAL OR EXPOSURE.
   B. CONTINUOUS INSPECTION IS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.
   C. IT IS THE RESPONSIBILITY OF THE PROJECT INSPECTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY BEFORE PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION IS SUBJECT TO REMOVAL.
5. SEE DSA-103 DOCUMENT FOR LIST OF REQUIRED INSPECTIONS. THIS DOCUMENT SHALL BE CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS.

ABBREVIATIONS

A.B.	ANCHOR BOLT	FLG.	FLANGE	P/C	PRECAST CONCRETE
ABV.	ABOVE	FLR.	FLOOR	PERP.	PERPENDICULAR
ADD'L.	ADDITIONAL	F.N.	FIELD(FACE)NAIL	PL.	PLATE
ADJ.	ADJACENT	F.O.C.	FACE OF CONCRETE	PLAM	PARALAM BEAM
ALT.	ALTERNATE	F.O.M.	FACE OF MASONRY	PLY.	PLYWOOD
ARCH.	ARCHITECT	F.O.S.	FACE OF STUD	P.S.F.	POUNDS PER SQUARE FOOT
ARCH'L.	ARCHITECTURAL	F.O.W.	FACE OF WALL	P.S.I.	POUNDS PER SQUARE INCH
BLW.	BELOW	FRM.	FRAME	P.T.	PRESSURE TREATED
B.F.	BRACED FRAME	FRMG.	FRAMING	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
BLDG.	BUILDING	F.S.	FAR SIDE	P/T	POSTTENSIONED
BLK.	BLOCK	FT.(')	FOOT(FEET)	P/S	PRE-STRESSED
BLKG.	BLOCKING	FTDF	FIRE-RETARDANT TREATED	QTY.	QUANTITY
BM.	BEAM		DOUGLAS FIR	RAD. (R)	RADIUS
B.N.	BOUNDARY NAILING	FTG.	FOOTING	REF.	REFERENCE
B.O.F.	BOTTOM OF FOOTING	GA.	GAUGE	REINF.	REINFORCEMENT(ING)
BR.	BRACE	GALV.	GALVANIZED	REQ'D.	REQUIRED
BRDG.	BRIDGE(ING)	GB.	GRADE BEAM	M.F.	MOMENT FRAME
BRG.	BEARING	GLB.	GLUED LAMINATED BEAM	R.O.	ROUGH OPENING
(B)	BOTTOM	GRD.	GRADE	RO.S.	ROUGH SAWN
BTWN.	BETWEEN	GYPBD.	GYPSUM WALLBOARD	R.S.	RE-SAWN
C	CAMBER(ED)	HD	HOLD DOWN	SCH.	SCHEDULE
CANT.	CANTILEVERED	HDR.	HEADER	SHR	SHEAR
C.F.	CUBIC FEET(FOOT)	HGR.	HANGER	SHT.	SHEET
C.G.	CENTER OF GRAVITY	HORIZ.	HORIZONTAL	SIM.	SIMILAR
C.I.P.	CAST IN PLACE	(H)	HORIZONTAL	SKW.	SKEW(ED)
C.J.	CONSTRUCTION JOINT	HSB	HIGH STRENGTH BOLT	SPEC.	SPECIFICATION(S)
CL.	CENTER LINE	HSS	HOLLOW STRUCTURAL SECTION	SQ.	SQUARE
CLG.	CEILING	HT.	HEIGHT	SS	SELECT STRUCTURAL
CLR.	CLEAR	I.D.	INSIDE DIAMETER	STD.	STANDARD
CMU.	CONC. MASONRY UNIT	I.E.	INVERT ELEVATION	STG.	STRONG
COL.	COLUMN	I.F.	INSIDE FACE	STGR.	STAGGER(ED)
CONC.	CONCRETE	IN.(")	INCH(S)	STIFF.	STIFFENER(S)
CONN.	CONNECTION	INT.	INTERIOR	STIR.	STIRRUP(S)
CONSTR.	CONSTRUCTION	JST.	JOIST	STL.	STEEL
CONT.	CONTINUOUS	JT.	JOINT	STRUC.	STRUCTURAL
CTSK.	COUNTERSINK	K	KIPS(1000)	SUSP.	SUSPENDED
CTR.	CENTER(ED)	LAT.	LATERAL	SYMM.	SYMMETRICAL
C.Y.	CUBIC YARD	LB(#)	POUNDS	(A)	TOP
d	PENNY(NAILS)	LDGR.	LEDGER	T & B	TOP AND BOTTOM
DBL.	DOUBLE	L.F.	LINEAL FEET(FOOT)	TEMP.	TEMPERATURE
D.F.	DOUGLAS FIR	LONG.	LONGITUDINAL	T & G	TONGUE AND GROOVE
DIA.(Φ)	DIAMETER	LGTH.	LENGTH	THK.	THICK(NESS)
DIAG.	DIAGONAL	LLH	LONG LEG HORIZ.	THRD.	THREADED
DIAPH.	DIAPHRAGM	LLV	LONG LEG VERT.	TEMP.	TEMPORARY
DIM.	DIMENSION	LT. WT.	LIGHT WEIGHT	T.N.	TOE NAIL
DN.	DOWN	L.S.	LAG SCREW	T.O.C.	TOP OF CONCRETE
DP (D)	DEEP(DEPTH)	MAS.	MASONRY	T.O.F.	TOP OF FOOTING
DWG.	DRAWING(S)	MAT'L.	MATERIAL	T.O.P.	TOP OF PARAPET
DWL.	DOWEL(S)	MAX.	MAXIMUM	T.O.S.	TOP OF SHEATHING
E.F.	EACH FACE	M.B.	MACHINE BOLT	T.S.	TOP OF STEEL
E.J.	EXPANSION JOINT	MECH.	MECHANICAL	T.O.W.	TOP OF WALL
EL.	ELEVATION	MEZZ.	MEZZANINE	TRANS.	TRANSVERSE
ELEC.	ELECTRICAL	MFR.	MANUFACTURER	TYP.	TYPICAL
ELEV.	ELEVATOR	MISC.	MISCELLANEOUS	U.O.N.	UNLESS OTHERWISE NOTED
EMBED.	EMBEDMENT	MTL.	METAL	VERT.(V)	VERTICAL
E.N.	EDGE NAIL	(N)	NEW	VIF	VERIFY IN FIELD
ENG.	ENGINEER	NO.(#)	NUMBER	(V)	WIDE(WIDTH)
E.O.D.	EDGE OF DECK	N.S.	NEAR SIDE	W/	WITH
E.O.S.	EDGE OF SLAB	N.T.S.	NOT TO SCALE	WD.	WOOD
EQ.	EQUAL	N. WT.	NORMAL WEIGHT	W.F.	WIDE FLANGE
EQPT.	EQUIPMENT	O.C.	ON CENTER	W.P.	WORK POINT
EXP.	EXPANSION	O.D.	OUTSIDE DIAMETER	WPJ	WEAKENED PLANE JOINT
EXIST	EXISTING	O.F.	OUTSIDE FACE	W.S.	WOOD SCREW(S)
(E)	EXISTING	O.H.	OPPOSITE HAND	WT.	WEIGHT
EXT.	EXTERIOR	OPNG.	OPENING	WWF	WELDED WIRE FABRIC
FAB.	FABRICATION	ORNT.	ORIENTATE(ION)	X-STG	EXTRA STRONG
FND.	FOUNDATION	O.W.J.	OPEN WEB JOISTS	XX-STG	DOUBLE EXTRA STRONG
FIN.	FINISH(ED)	O.W..J.	OPEN WEB STEEL JOISTS	YD.	YARD
F.F.	FINISH FLOOR	PAR. (//)	PARALLEL		

REINFORCED CONCRETE (CBC CHAPTER 19A)

1. CEMENT SHALL CONFORM TO ASTM C150, TYPE II.
2. AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33 AND SECTION 1903A.5, TITLE 24, PART 2, CCR.
3. AGGREGATES FOR LIGHT WEIGHT CONCRETE SHALL CONFORM TO ASTM C330.
4. READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94.
5. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THESE NOTES.
6. CONCRETE SHALL BE STANDARD WEIGHT CONCRETE (145 PCF) AND HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS:

ELEMENT	STRENGTH	AGG	W/C RATIO (MAX)
FOOTINGS..	3000 PSI	1"	.57

7. CONCRETE SHALL BE PROPORTIONED SUCH THAT THE 7 DAY STRENGTHS ARE A MINIMUM OF SEVENTY PERCENT OF THE SPECIFIED 28 DAY STRENGTH FOR ANY CONCRETE CONSTRUCTION REQUIRING SHORING, BRACING OR TO RECEIVE CONSTRUCTION LOADS. ALSO, SLABS ON GRADE SHALL HAVE A COMPRESSION STRENGTH OF 1800 PSI MINIMUM AT 3 DAYS IF SUBJECT TO CONSTRUCTION TRAFFIC.
8. ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE ENGINEER AND DSA. ADMIXTURES SHALL COMPLY WITH ASTM C494 & C1017 AND BE OF A TYPE THAT INCREASES THE WORKABILITY OF THE CONCRETE, BUT SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT (CALCIUM CHLORIDE SHALL NOT BE USED).
9. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, HOLDOWN ANCHORS AND INSERTS SHALL BE WELL SECURED IN POSITION WITH WIRE POSITIONERS PRIOR TO FOUNDATION INSPECTION AND BEFORE PLACING CONCRETE.
10. CONCRETE CURING: SEE SPECIFICATIONS.
11. NO CONDUIT PLACED IN A CONCRETE SLAB SHALL HAVE AN OUTSIDE DIAMETER GREATER THAN 1/3 THE THICKNESS OF THE SLAB. NO CONDUIT SHALL BE EMBEDDED IN A SLAB THAT IS LESS THAN 3 1/2" THICK. EXCEPT FOR LOCAL OFFSETS, MINIMUM CLEAR DISTANCE BETWEEN CONDUITS SHALL BE THREE DIAMETERS ON CENTER.
12. NO CONDUIT SHALL BE PLACED IN THE CONCRETE TOPPING OVER THE STEEL DECKING.
13. PROJECTING CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC., SHALL BE FORMED WITH A 3/4" CHAMFER.
14. REFER TO DRAWINGS OF OTHER DISCIPLINES FOR MOLDS, GROOVES, CLIPS, ORNAMENTS, OR GROUNDS REQUIRED TO BE CAST INTO CONCRETE.
15. ALL CONSTRUCTION JOINTS IN WALLS OR OTHER ELEMENTS NOT HAVING PREFORMED KEYS, SHALL BE WIRE BRUSHED, AND ROUGHENED TO A MINIMUM AMPLITUDE OF 1/4 INCH, CLEANED AND MOISTENED IMMEDIATELY PRIOR TO PLACEMENT OF NEW CONCRETE.
16. CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR REVIEW BEFORE FABRICATION AND INSTALLATION. MIX DESIGNS SHALL BE DESIGNED AND SIGNED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER.
17. CONCRETE TESTING SHALL CONFORM TO SECTION 1903A, TITLE 24, PART 2, CCR.

REINFORCING STEEL

1. BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60 DEFORMED BARS.
2. MINIMUM LAP SPLICES OF REINFORCING BARS SHALL BE AS SPECIFIED IN THE DRAWINGS.
3. REINFORCING DETAILING, BENDING, AND PLACING SHALL BE IN ACCORDANCE WITH ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT".
4. REINFORCING STEEL SHALL BE PROVIDED WITH THE FOLLOWING MINIMUM CONCRETE COVER FOR CAST IN PLACE CONCRETE:
   A. CONCRETE DEPOSITED AGAINST EARTH:...................................... 3"
   B. CONCRETE SURFACE (FORMED) EXPOSED TO EARTH OR WEATHER:
      #6 THROUGH #18 BARS:.. 2"
      #5 BAR AND SMALLER:.. 1-1/2"
   C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
      SLABS, WALLS AND JOISTS
      #11 BAR AND SMALLER:.. 1"
      BEAMS, COLUMNS:
      PRIMARY REINFORCEMENT, TIES,STIRRUPS, SPIRALS:............. 1-1/2"
5. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, HOLDOWN ANCHORS AND INSERTS SHALL BE WELL SECURED IN POSITION WITH WIRE POSITIONERS PRIOR TO FOUNDATION INSPECTION AND BEFORE PLACING CONCRETE OR GROUT.
6. DOWELS BETWEEN FOOTINGS AND WALLS SHALL BE THE SAME GRADE, SIZE, AND SPACING AS VERTICAL WALL REINFORCING UNLESS OTHERWISE NOTED ON PLANS.
7. CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION AND INSTALLATION.
8. WHERE HOOKS ARE ILLUSTRATED AS 90-DEGREE HOOKS, 180 DEGREE HOOKS MAY BE USED IN LIEU OF 90-DEGREE HOOKS.
9. TYPE 1 AND TYPE 2 INTERNALLY THREADED COUPLERS SHALL BE LENTON COUPLERS (IAMPO-UES-0129) OR ICC APROVED EQUAL. TYPE 1 AND TYPE 2 SLEEVE COUPLERS WITH LOCK NUTS SHALL BE BAR LOCK COUPLERS (IAMPO-UES-0129) OR ICC APPROVED EQUAL.
10. INTERNALLY THREADED BAR TERMINATORS SHALL BE LENTON TERMINATORS (IAMPO-UES-0188) OR ICC APPROVED EQUAL.

STRUCTURAL STEEL (CBC CHAPTER 22A)

1. ALL WORKMANSHIP AND MATERIALS SHALL FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS SHALL CONFORM TO 15th EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
2. MATERIALS:
   PLATES...ASTM A572 .... GRADE 50
   HSS (TUBES)................................. ASTM A500.... .... GRADE C (FY= 50 KSI)
   HSS (ROUNDS)................................ ASTM A500 .... GRADE C (FY= 46 KSI)
   HSS (PIPES)................................. ASTM A53.............. GRADE B (FY= 35 KSI)
   MACHINE BOLTS.......................... ASTM A307.............. GRADE A
   NUTS.. ASTM A563.... ....HEX, GRADE A
   ANCHOR BOLTS/ RODS*............... ASTM F1554* .... (SEE PLAN FOR GRADE)
   NUTS*.. ASTM A563*........... HEAVY HEX, GRADE A
   NON-SHRINK GROUT..................... ASTM C1107.............. 7000 PSI (NON-METALLIC)
3. ROLLED STRUCTURAL SHAPES SHALL BEAR MILL IDENTIFICATION MARKS IN CONFORMANCE WITH ASTM A6 HSS (TUBES AND ROUNDS) SHALL BEAR MILL IDENTIFICATION IN ACCORDANCE WITH ASTM A500 AND HSS (PIPES) IN ACCORDANCE WITH ASTM A-53.
4. BOLT HOLES:
   A. TYPICAL STEEL TO STEEL CONNECTIONS........................ BOLT DIAMETER + 1/16 INCH
   B. ANCHOR BOLTS (RODS) & WASHERS............................. PER AISC TABLE 14-2 U.O.N. ON PLANS
5. NON- SHRINK GROUT SHALL BE INSTALLED IMMEDIATELY AFTER COLUMN IS PLUMBED. CONTRACTOR SHALL NOT LOAD COLUMN ANCHOR BOLTS BEFORE PLACEMENT OF NON-SHRINK GROUT WITHOUT TAKING MEASURES TO PREVENT BUCKLING OF ANCHOR BOLTS UNDER CONSTRUCTION LOAD.
6. ALL WELDING SHALL BE DONE BY THE FLUX-CORE PROCESS USING APPROVED ELECTRODES PER AWS SPECIFICATION E70XX (LOW HYDROGEN ELECTRODES). WELDING SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1 AND AWS D1.4 AND SHALL BE PERFORMED BY CERTIFIED WELDERS QUALIFIED UNDER THE PROCEDURES CONTAINED THEREIN.
7. WHERE WELD LENGTH IS NOT SHOWN, IT SHALL BE THE FULL LENGTH OF THE JOINT.
8. WHERE MINIMUM AISC FILLET WELD THICKNESS REQUIREMENT EXCEEDS WELDS SHOWN ON DETAILS, PROVIDE MINIMUM AISC WELD.
9. INSPECTION OF WELDING SHALL CONFORM TO CBC SECTION 1705A.2 TITLE 24, PART 2, CCR.
10. INSPECTION OF SHOP FABRICATION SHALL CONFORM TO CBC SECTION 1704A.2.5, TITLE 24, PART 2, CCR.
11. ALL FULL PENETRATION CONNECTIONS SHALL BE INSPECTED BY AN APPROVED TESTING AGENCY AND SHALL CONFORM TO LATEST EDITION OF AWS D1.1, SECTIONS 5 AND 6.
12. STRESSES OCCURRING DURING FABRICATION, SHIPMENT, AND ERECTION SHALL BE TEMPORARY AND NOT EXCESSIVE. STRESSES AT ALL TIMES SHALL BE LESS THAN DESIGN AND ALLOWABLE STRESSES. THE FULL DESIGN AND LOAD CARRYING CAPACITY OF THE STEELWORK SHALL NOT BE IMPAIRED DUE TO FABRICATION, SHIPMENT, OR ERECTION PROCEDURES. THROUGHOUT THE COMPLETE PROCESS, THE STABILITY OF INDIVIDUAL MEMBERS AND ASSEMBLIES SHALL BE MAINTAINED.
13. ALL ADDITIONAL STEEL REQUIRED FOR ERECTION PURPOSES SHALL BE PROVIDED AT NO ADDITIONAL COST AND SHALL BE REMOVED UNLESS APPROVED BY THE OWNER IN WRITING.
14. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER BEFORE FABRICATION.
15. ALL EXTERIOR EXPOSED STEEL SHALL BE PAINTED OR GALVANIZED. SEE ARCHITECTURAL DRAWINGS FOR REQUIREMENTS.

GENERAL NOTES

1. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER THESE STANDARD STRUCTURAL NOTES. TYPICAL DETAILS SHALL BE USED WHENEVER APPLICABLE. REFER TO SPECIFICATIONS FOR INFORMATION NOT COVERED BY THESE NOTES OR DRAWINGS. THESE NOTES TAKE PRECEDENCE OVER ANY OTHER BOOK SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK, AND THE ENGINEER/ ARCHITECT SHALL BE IMMEDIATELY NOTIFIED, IN WRITING, OF ANY DISCREPANCIES. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE STRUCTURAL DRAWINGS.
3. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF, AND RESOLVED WITH, THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
4. WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
5. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN THE AREA TO BE EXCAVATED, BEFORE BEGINNING EXCAVATION.
6. NO PIPES, DUCTS, SLEEVES, CHASES, ETC. SHALL BE PLACED IN SLABS, BEAMS, OR WALLS, NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC. THE CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATION OF ANY ADDITIONAL PIPES, DUCTS, ETC.
7. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE (CBC), TITLE 24, PART 2, CCR WITH CALIFORNIA AMENDMENTS .
8. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE ENGINEER FREE AND HARMLESS FROM ALL CLAIMS, DEMANDS AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
9. RETAIN A CALIFORNIA REGISTERED CIVIL ENGINEER TO DESIGN ALL TEMPORARY BRACING, SHORING, AND SUPPORT REQUIRED DURING CONSTRUCTION.
10. INCLUDE ENGINEERING FEES, ENGINEERING DESIGN TIME AND DSA APPROVAL TIME IN THE COST OF PROPOSED MATERIAL ALTERNATES. CONTACT ENGINEER FOR FEE AMOUNT. SUBMIT MATERIAL ALTERNATE FOR REVIEW BEFORE CONSTRUCTION.
11. STRUCTURAL CAD DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS UNLESS AN AGREEMENT BETWEEN THE STRUCTURAL ENGINEER AND CONTRACTOR HAS BEEN ESTABLISHED ACCORDING TO CASE DOCUMENT 11. CONTACT ENGINEER FOR FEE AMOUNT.
12. ALL ADDENDA AND CONSTRUCTION CHANGE DOCUMENTS (CCD) SHALL BE SUBMITTED TO DSA FOR APPROVAL PRIOR TO COMPLETING WORK.
13. SHOP DRAWINGS: THE CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS. CONTRACTOR SHALL STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER. THE ARCHITECT'S/ENGINEER'S REVIEW OF THE SHOP DRAWINGS SHALL NOT BE CONSTRUED AS AN AUTHORIZATION TO DEVIATE FROM THE CONTRACT DOCUMENTS. ALSO, SHOP DRAWINGS WILL NOT BE PROCESSED DUE TO INCOMPLETENESS, LACK OF COORDINATION WITH RELEVANT PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS WHEN REQUIRED, OR WHERE DEVIATIONS, MODIFICATIONS, OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER.
14. ANY REFERENCE TO THE WORDS APPROVED, OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.
15. CONNECTION OF ALL ITEMS SUPPORTED BY THE STRUCTURE ARE THE RESPONSIBILITY OF THE DISCIPLINES WHO ARE MAKING THESE ATTACHMENTS, THESE ATTACHMENTS SHALL BE DESIGNED TO RESIST ALL GRAVITY, WIND, SEISMIC, THERMAL LOADS, ETC. SPRINKLER PIPING SHALL BE SUPPORTED AND BRACED PER APPLICABLE STANDARDS, SUSPENDED CEILING SYSTEMS OF ACOUSTICAL TILE OR LAY-IN PANELS SHALL BE SUPPORTED AND BRACED PER CURRENT CODE REQUIREMENTS, SEE ARCHITECTURAL DRAWINGS.

DESIGN CRITERIA

1. LATERAL LOADS:
   A. WIND: PER ASCE 7-16 (CBC 2022)
      BASIC WIND SPEED-3 SECOND GUST (V3s)........... 96 MPH
      TOPOGRAPHIC FACTOR (Kzt).............................. 1.0
      RISK CATEGORY III
      EXPOSURE CATEGORY... C
      ENCLOSURE CLASSIFICATION............................ ENCLOSED
   B. SEISMIC: PER ASCE 7-16 (CBC 2022)
      RISK CATEGORY.. II
      SEISMIC IMPORTANCE FACTOR (IE).................... 1.0
      MAPPED SPECTRAL RESPONSE ACCELERATIONS:
         SS= 0.922 G
         S1= 0.340 G
      SITE CLASS:.. C
      SPECTRAL RESPONSE COEFFICIENTS:
         Sds= 0.738 G
         Sd1= 0.340 G
      SEISMIC DESIGN CATEGORY:............................... D

FOUNDATION (CBC CHAPTER 18A)

1. NOT USED.
2. SOILS INFORMATION:
   CBC TABLE 1806A.2
   DATED:
   SOIL DESIGN PARAMETERS:
      LATERAL BEARING (PASSIVE) PRESSURE................... 150 PCF (SILTY SAND, CLAYEY SAND)
      COEFFICIENT OF FRICTION.. 0.25
3. ALL FOUNDATION WORK SHALL BE FOUNDED ON FIRM UNDISTURBED NATURAL SOILS OR APPROVED COMPACTED SOILS.
4. ALL SITE SOIL WORK SHALL BE DONE PER SECTION 3304, TITLE 24, PART 2, CCR.
5. SPECIAL INSPECTIONS SHALL BE PER SECTION 1705A.6, TITLE 24, PART 2, CCR.
6. THE FINISH EXCAVATION FOR FOUNDATIONS SHALL BE NEAT & TRUE TO LINE.
7. FOUNDATION EXCAVATIONS SHALL BE KEPT FREE OF LOOSE MATERIAL AND STANDING WATER AND SHALL BE CHECKED AND APPROVED BY THE SOILS ENGINEER BEFORE THE PLACEMENT OF ANY CONCRETE.
8. THE TESTING LAB SHALL SUBMIT COMPACTION REPORTS FOR ALL FILL TO THE ENGINEER AND DSA (FORM DSA-293) BEFORE REQUESTING FOUNDATION INSPECTION. ALL LOOSE SOIL AND FILL DIRT, INCLUDING BACKFILL BEHIND RETAINING WALLS, SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY, OR GREATER AS REQUIRED BY THE SOILS REPORT.

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BASEBALL BACKSTOP AND PERIMETER FENCING

VISTA HIGH SCHOOL

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VISTA UNIFIED SCHOOL DISTRICT
1234 ARCADIA AVE VISTA CA 92084

REVISIONS

MARK	DATE	DESCRIPTION
	04-10-2023	DSA SUBMITTAL

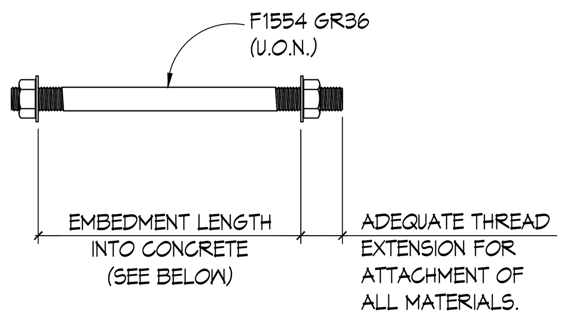
PROJECT NO: 23004.00

MODEL FILE:
VHS Baseball Backstop and Perimeter2.pln

PLOT DATE:
1/9/2023

SHEET TITLE
STRUCTURAL NOTES

S-101



BOLT DIA. "D"	MINIMUM EMBEDMENT U.O.N.	
	HORIZONTAL ANCHOR BOLTS	VERTICAL ANCHOR BOLTS
1/2"	5"	7"
5/8"	5"	7"
3/4"	6"	7"
7/8"	7"	8"
1"	8"	9"
1 1/8"	9"	10"

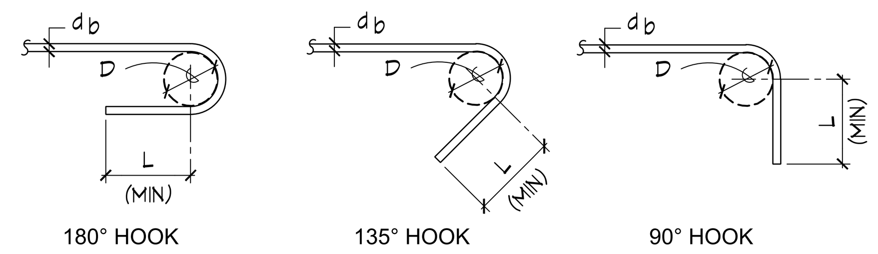
TYP. CONC. ANCHOR BOLT EMBEDMENTS

1

BAR SIZE	"D"	180DEG "L"	135DEG "L"	90DEG "L"
BARS OTHER THAN STIRRUPS, TIES, HOOPS & CROSS-TIES				
#3	2 1/4	2 1/2	-	4 1/2
#4	3	2 1/2	-	6
#5	3 3/4	2 1/2	-	7 1/2
#6	4 1/2	3	-	9
#7	5 1/4	3 1/2	-	10 1/2
#8	6	4	-	12
#9	9 1/2	4 1/2	-	13 1/2
#10	10 3/4	5 1/4	-	15 1/4
#11	12	5 3/4	-	17
#14	18 1/4	7	-	21
#18	24	9	-	27
STIRRUPS, TIES, HOOPS & CROSS-TIES				
#3	1 1/2	-	4	4
#4	2	-	4	4
#5	2 1/2 (1)	-	4	4
#6	4 1/2	-	4 1/2	9
#7	5 1/4	-	5 1/4	10 1/2
#8	6	-	6	12

(1) USE 3 3/4" IN CONC. BLK. CONSTRUCTION

NOTE: ALL DIMENSIONS GIVEN ARE IN INCHES.

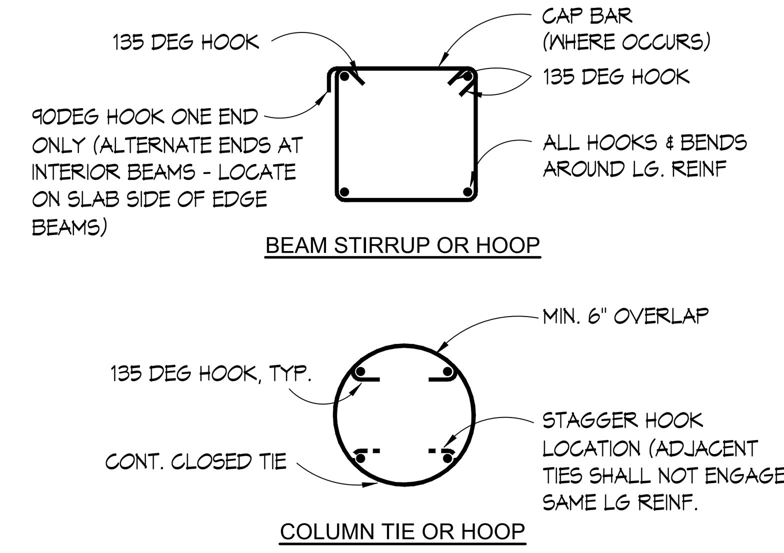


LEGEND FOR REINF. BENDS (NOT SHOWN TO SCALE)

- INDICATES 90DEG BEND IN PLANE OF DRAWING
- INDICATES 90DEG BEND PERPENDICULAR TO PLANE OF DRAWING
- INDICATES 135DEG BEND IN PLANE OF DRAWING
- INDICATES 180DEG BEND IN PLANE OF DRAWING
- INDICATES 135DEG OR 180DEG BEND PERPENDICULAR TO PLANE OF DRAWING
- INDICATES OFFSET IN PLANE OF DRAWING

REINFORCING BAR BENDS & HOOKS

3



NOTE:
ALL HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH REINFORCING BAR BENDS DETAIL ON THIS SHEET.

TYP. STIRRUP, TIE, HOOP OR CROSS-TIE

4

REBAR LAP SCHEDULE (CONCRETE)

BAR SIZE	f'c=3000 PSI		f'c=4000 PSI	
	TOP BARS (IN.)	OTHER BARS (IN.)	TOP BARS (IN.)	OTHER BARS (IN.)
#3	28	22	24	19
#4	37	29	32	25
#5	47	38	40	31
#6	56	43	48	37
#7	81	63	70	54
#8	93	72	80	62
#9	105	81	91	70
#10	118	91	102	79
#11	131	101	113	87

NOTES:
1. LAP SPLICE LENGTHS FOR GRADE 60 REINFORCING BAR.
2. LAP SPLICE LENGTHS FOR NORMAL WEIGHT CONCRETE
3. LAP SPLICE LENGTHS FOR CLASS B LAPS = 1.3 ld.
4. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
5. LAP SPLICE LENGTHS ARE BASED ON THE TYPE OF STRUCTURAL ELEMENT AS FOLLOWS:
   BEAMS OR COLUMNS: COVER AT LEAST 1.0db AND CENTER TO CENTER SPACING AT LEAST 2.0db.
   ALL OTHERS: COVER AT LEAST 1.0db AND CENTER TO CENTER SPACING AT LEAST 3.0db.

5

NOT USED

6

NOT USED

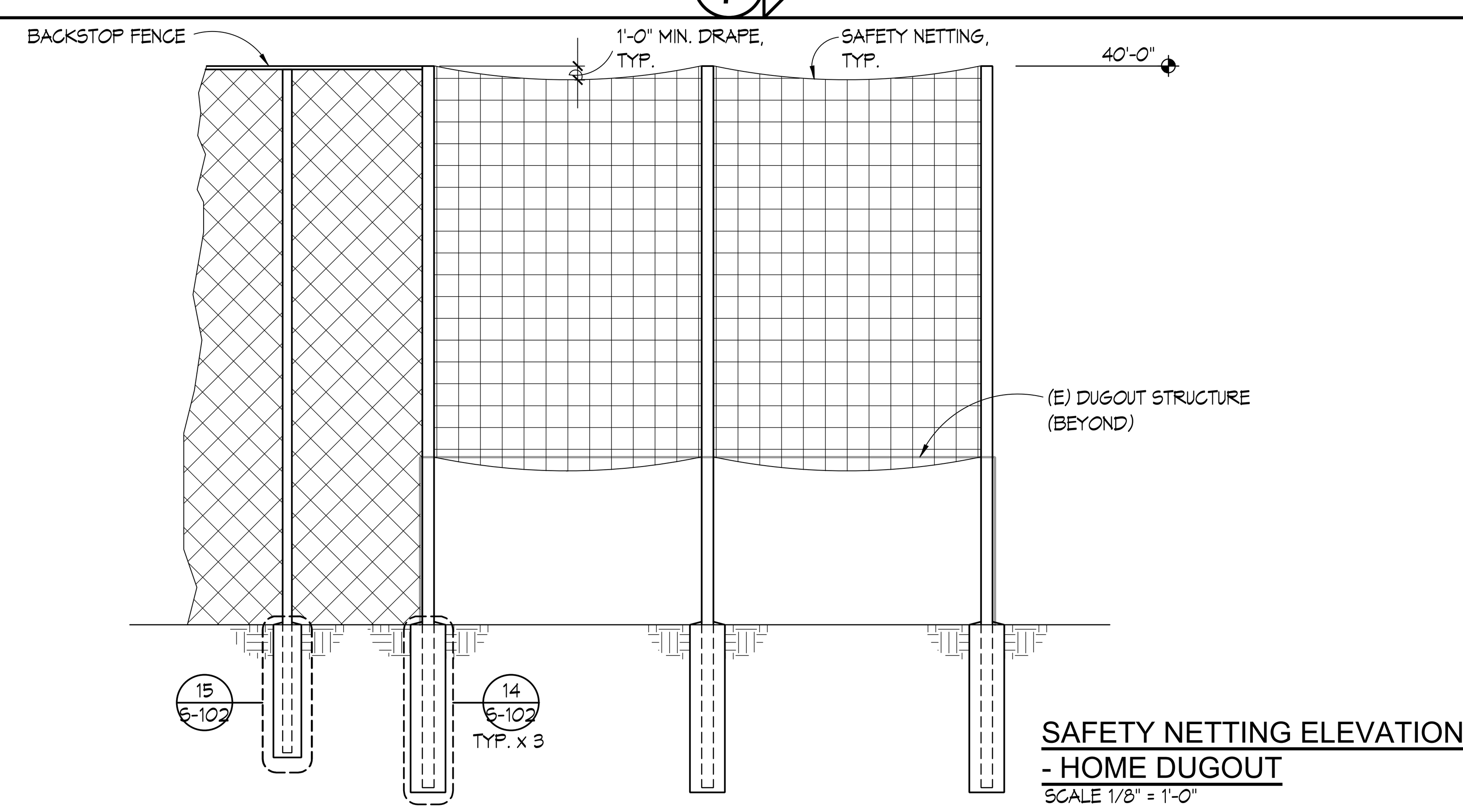
7

NOT USED

8

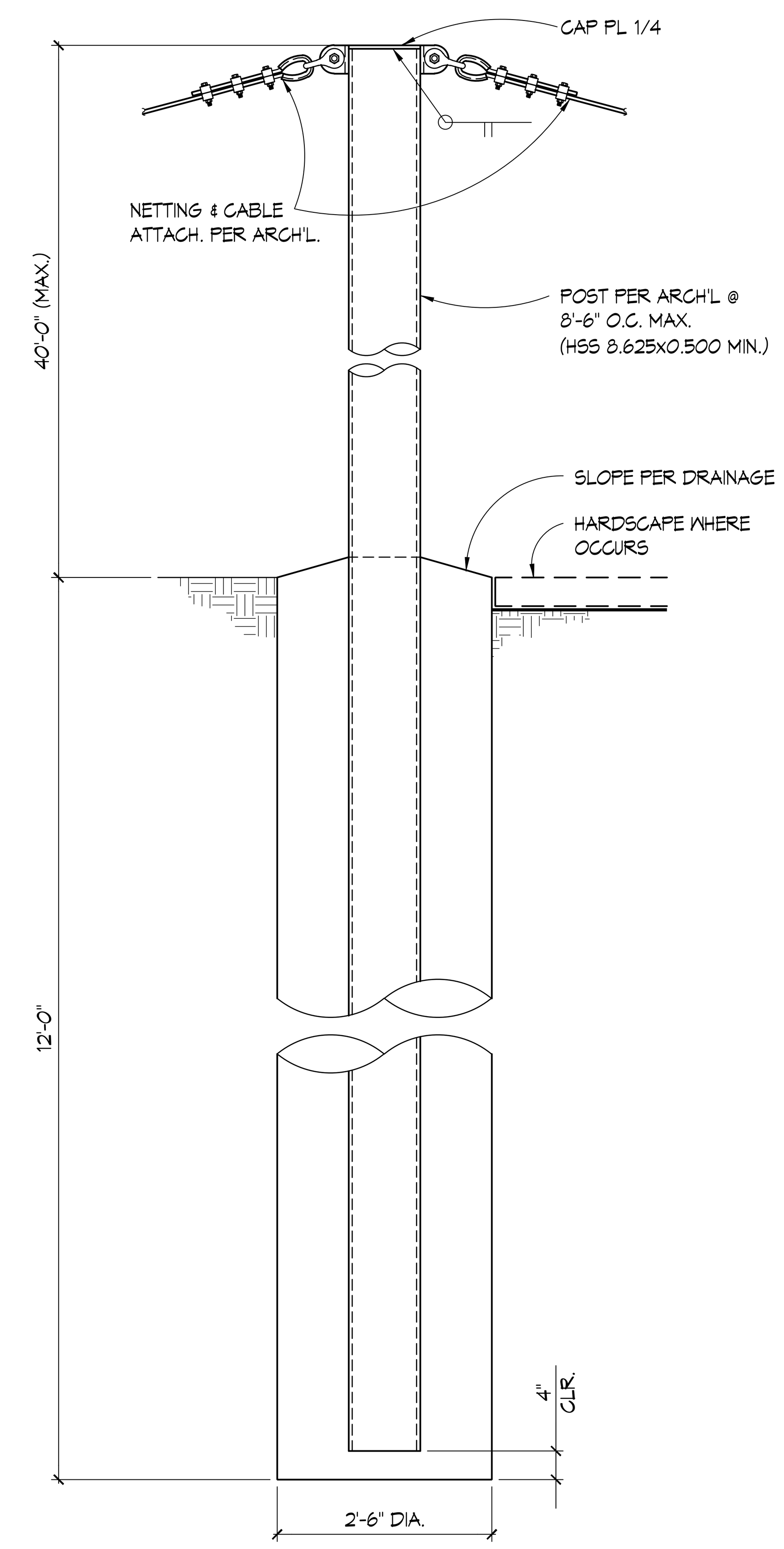
NOT USED

11



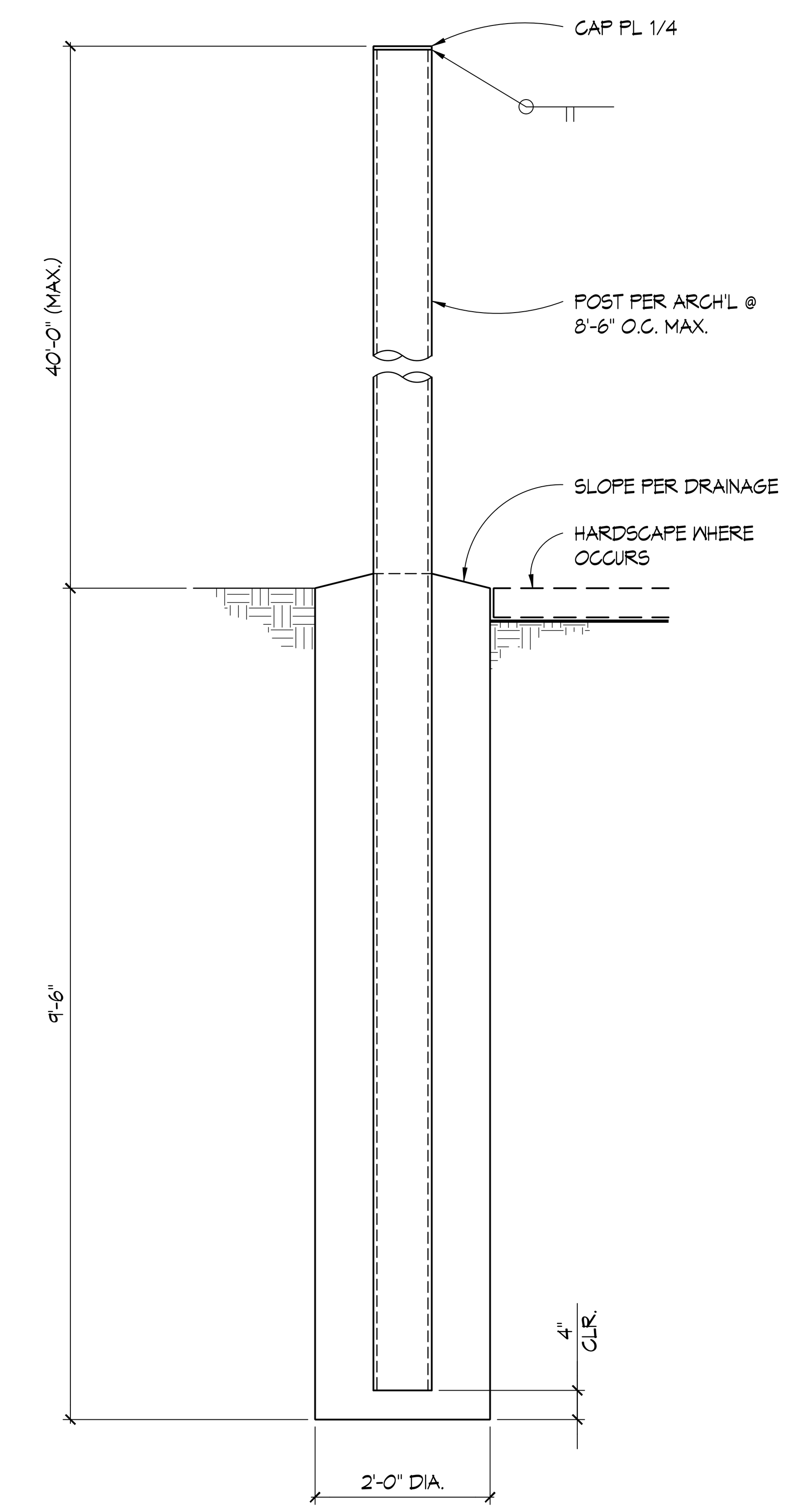
SAFETY NETTING ELEVATION - HOME DUGOUT
SCALE 1/8" = 1'-0"

13



TYP. SAFETY NETTING POST

14

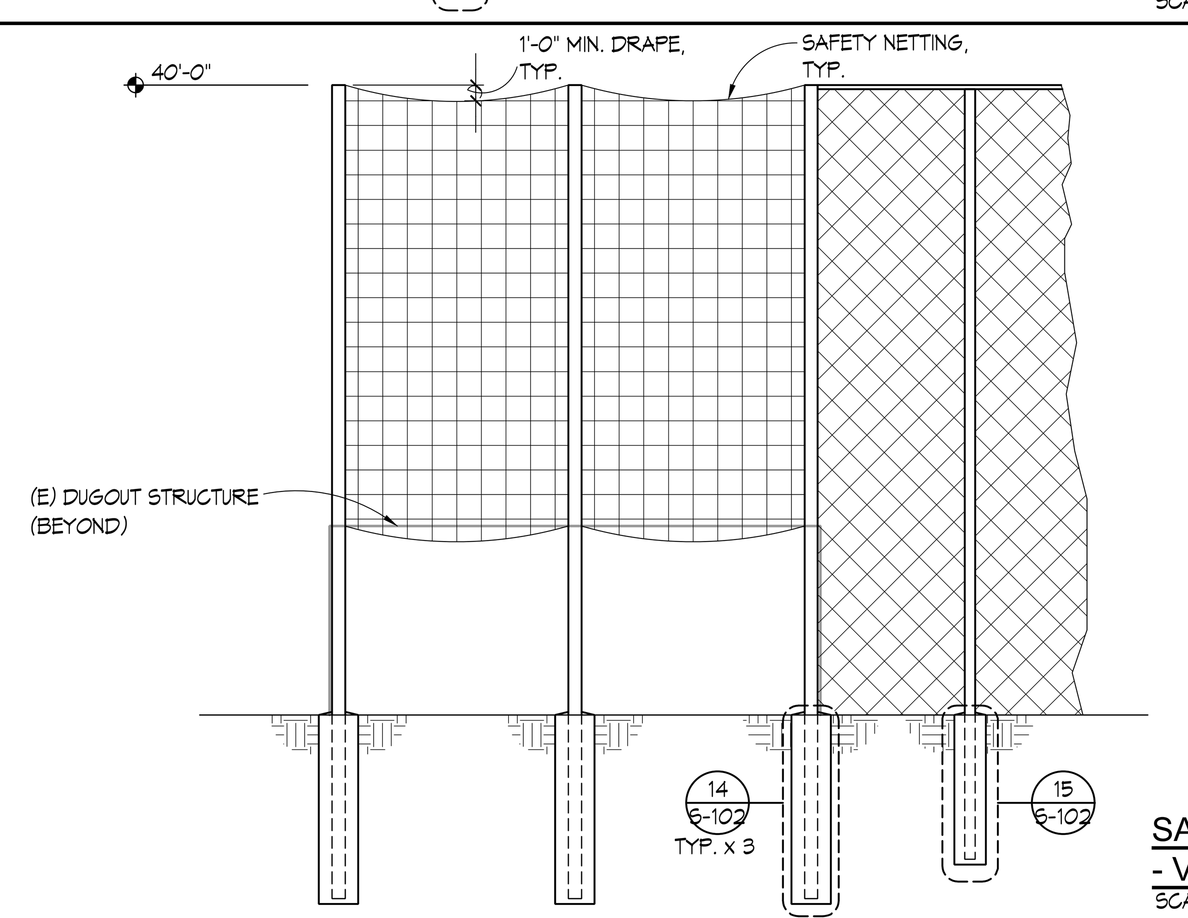


TYP. BACKSTOP POST

15

NOT USED

16

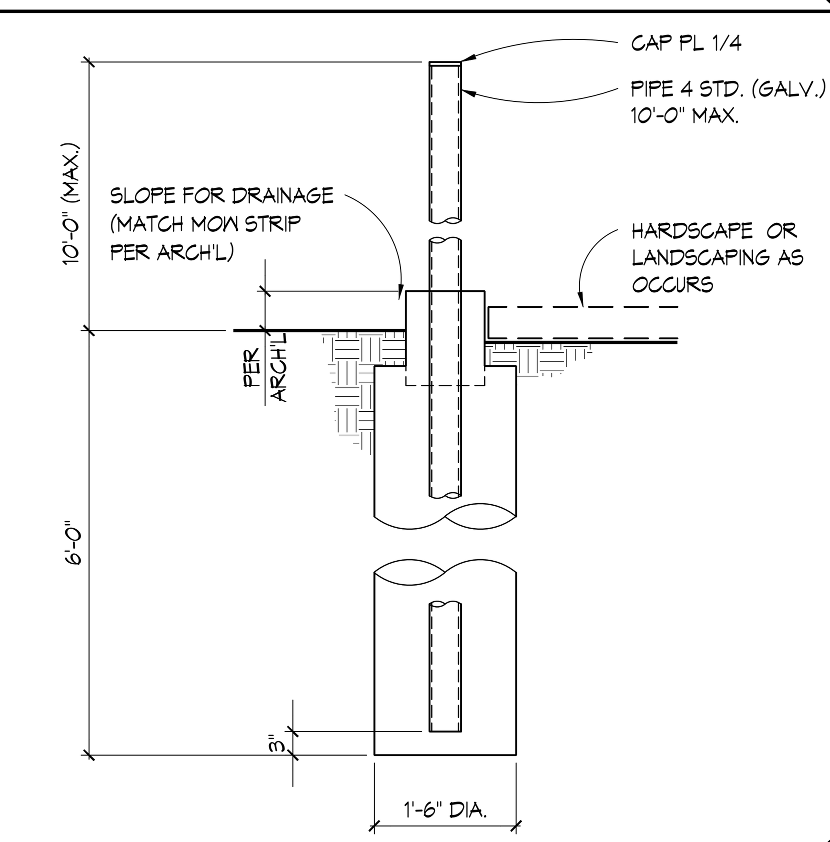


SAFETY NETTING ELEVATION - VISITOR DUGOUT
SCALE 1/8" = 1'-0"

18

NOT USED

19



TYP. CHAINLINK FENCE POST (10'-0" MAX.)

20

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PROJECT NO: 23004.00

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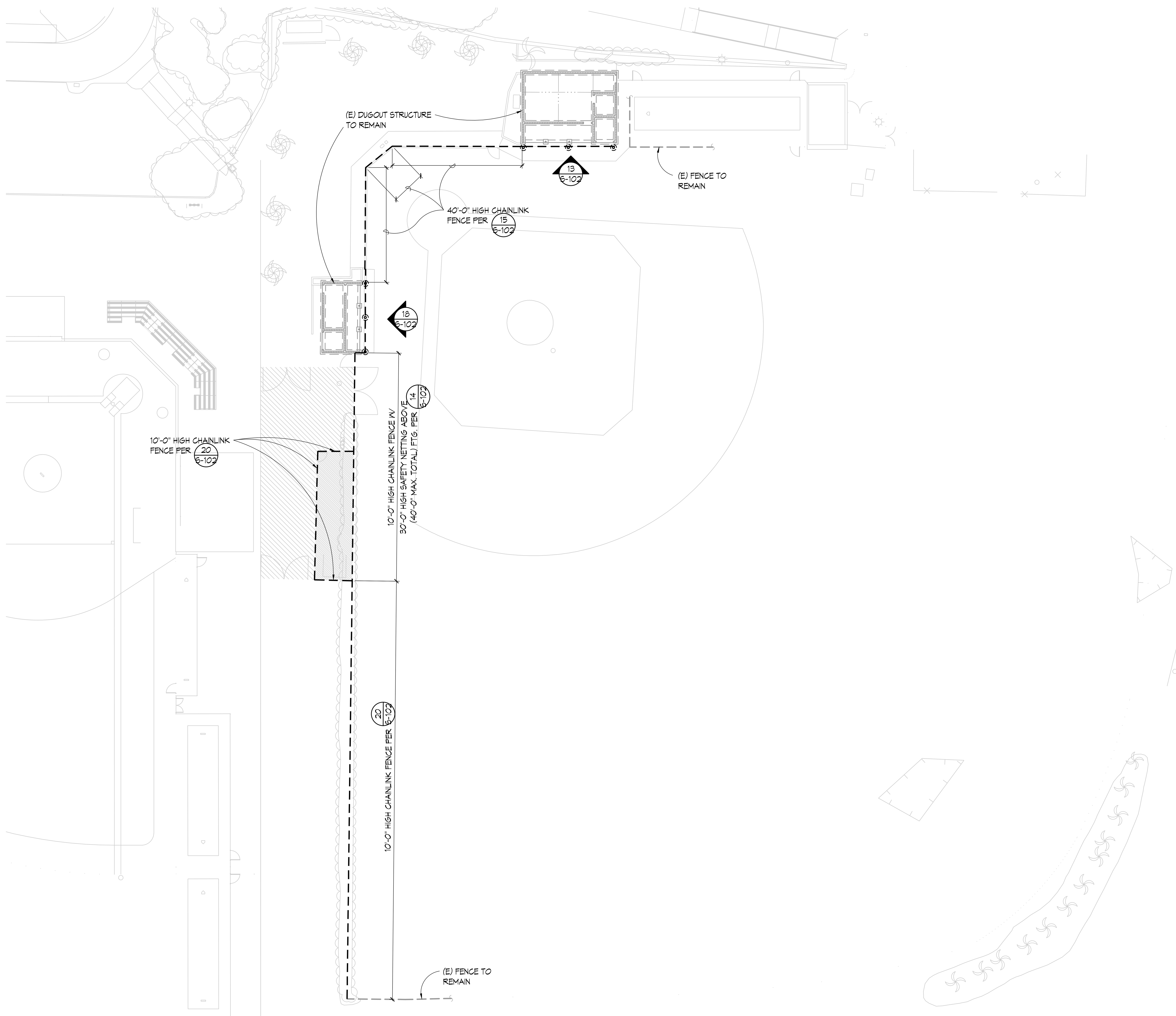
PLOT DATE:
1/9/2023

SHEET TITLE

TYPICAL DETAILS

S-102



NORTH

BASEBALL SITE FENCING PLAN

SCALE: 1" = 20'

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SHEET TITLE
BASEBALL SITE FENCING PLAN

S-103