

TOWN OF ATHERTON
PLANNING COMMISSION APPLICATION




	TYPE OF APPLICATION	FEE*
<input type="checkbox"/>	Appeal	\$872.32
<input type="checkbox"/>	Special Structures Permit	\$3,025.12
<input type="checkbox"/>	Heritage Tree Removal Permit	\$2,325.82
<input type="checkbox"/>	Tree Protection Zone Exception	\$2,325.82
<input type="checkbox"/>	Variance	\$3,025.12
<input checked="" type="checkbox"/>	Conditional Use Permit	\$3,025.12
<input type="checkbox"/>	General Plan Amendment	\$5,817.15
<input type="checkbox"/>	Initial Review/Negative Declaration	\$2,325.82
<input type="checkbox"/>	Lot Line Redesignation	\$3,025.12
<input type="checkbox"/>	School Master Plan	\$872.32
<input type="checkbox"/>	Tentative Parcel Map	\$3,025.12
<input type="checkbox"/>	Final Parcel Map	\$3,025.12
<input type="checkbox"/>	Zoning Ordinance Amendment	\$5,817.15
<input type="checkbox"/>	Environmental Impact Report	Actual cost

*All Fees Include 3.6% Technology Surcharge

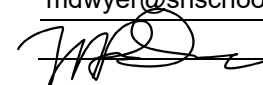
SITE ADDRESS: 150 Valparaiso Avenue APN: 070390-010

Provide a brief description of the proposed project: Gavello and Dollinger Field LAX Protective Netting- to
protect those outside the perimeter of the campus.

PROPERTY OWNER:

Name: Sacred Heart Schools, Atherton
Mailing Address: 150 Valparaiso Avenue Atherton, CA 94027
Phone: 650.454.8398
Email: mdwyer@shschools.org
Signature: 

APPLICANT:

Name: Michael Dwyer
Mailing Address: 150 Valparaiso Avenue Atherton, CA 94027
Phone: 650.454.8398
Email: mdwyer@shschools.org
Signature: 

FOR COMPLETION BY TOWN OF ATHERTON:

Amount Paid: _____ Received by: _____ Date Submitted: _____

Project #: _____

Fields Protective Netting Site Plan



- 1 McGanney Sports Center
- 2 William V. Campbell Academic and Arts Center
- 3 Michael J. Homer Science and Student Life Center
- 3a Harman Family Assembly Hall
- 4 Duchesne Courtyard
- 5 Morey Practice Field
- 6 Morey Concession Building
- 7 Baseball Field
- 8 Dollinger Field
- 9 Dunlevie Aquatic Center

- 10 Main Building
- 11 Conway Court
- 12 Performing Arts Center (PAC)
- 12a Sister Nancy Morris Lobby
- 12b Scene Shop
- 13 Oakwood Retirement Community
- 14 Field House
- 15 Gator Nation Field
- 16 Daryabari-Malek Family Tennis Complex
- 17 Donohoe Grove
- 18 Montessori Preschool Building

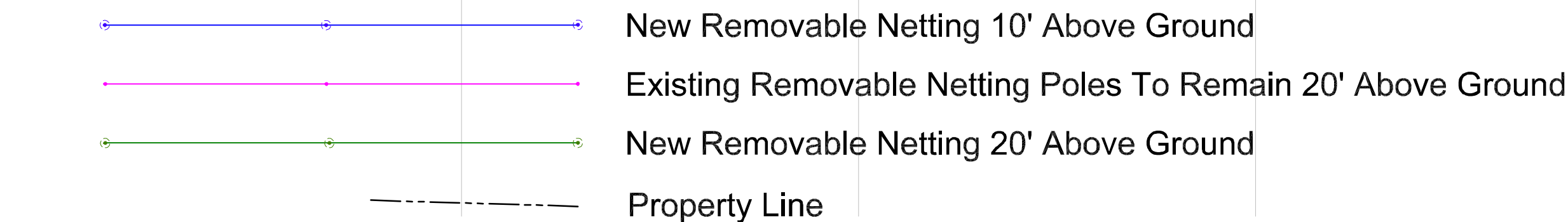
- 19 Spleker Pavilion (gymnasium)
- 20 Gavello Fields
- 21 Bergeron Lower School Building
- 22 Stevens Family Library
- 23 Sobrato Courtyard
- 24 Johnson Performing Arts Building
- 24a Ravi Family Assembly Hall
- 24b Taweel Family Lobby
- 25 Murphy Administration Building
- 26 Xie Middle School Building
- 27 Gate House

- 28 Xie Middle School Building
- 29 Apartments
- 30 Lamb Farm
- 31 Maintenance Facilities
- 32 Practice Pavilion
- 33 Michael E. Murphy Grove
- 34 Farm Program Garden
- 35 Security Kiosk
- 36 Our Lady of Lourdes Grotto
- 37 1906 Earthquake Ruins
- 38 Penner Building at the Dunlevie Aquatic Center

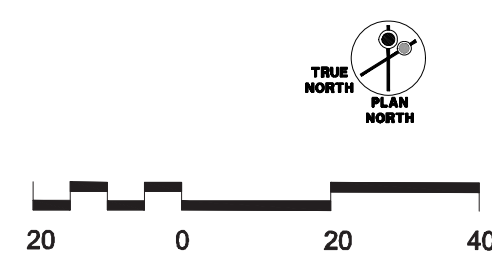
- 39 Kindergarten Building
- 40 Kermit Holderman Memorial Barbecue at Morey Alumni Grove
- 41 Music Courtyard

- A Scene Shop Parking Lot
- B Main Building Parking Lot
- C Southwest Parking Lot - Valparaiso Side
- D Aquatics Parking Lot
- E St. Joseph's Circle
- F Sr. Ann McGowan Circle
- G Field House Parking Lot
- H West Parking Lot - Elena Avenue

SACRED HEART SCHOOLS, ATHERTON

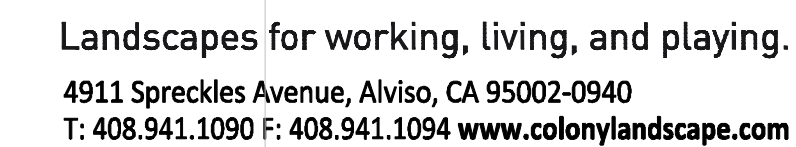


These standard symbols will be found in the drawing.

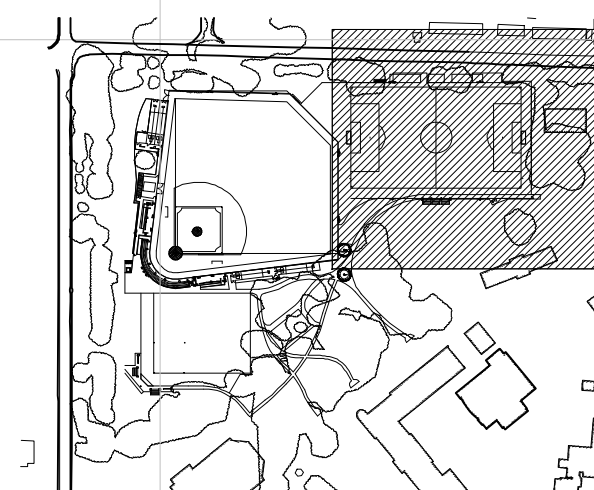


SACRED HEART
S C H O O L S
150 VALPARAISO AVENUE
ATHERTON, CA 94027-4402

REMOVABLE NETTING PROJECT



KEY MAP



Revisions:

3-20-23	Town Permit Set
4-27-23	1 Permit Revision Set

Issuance:
Permit Revision Set

SHEET TITLE

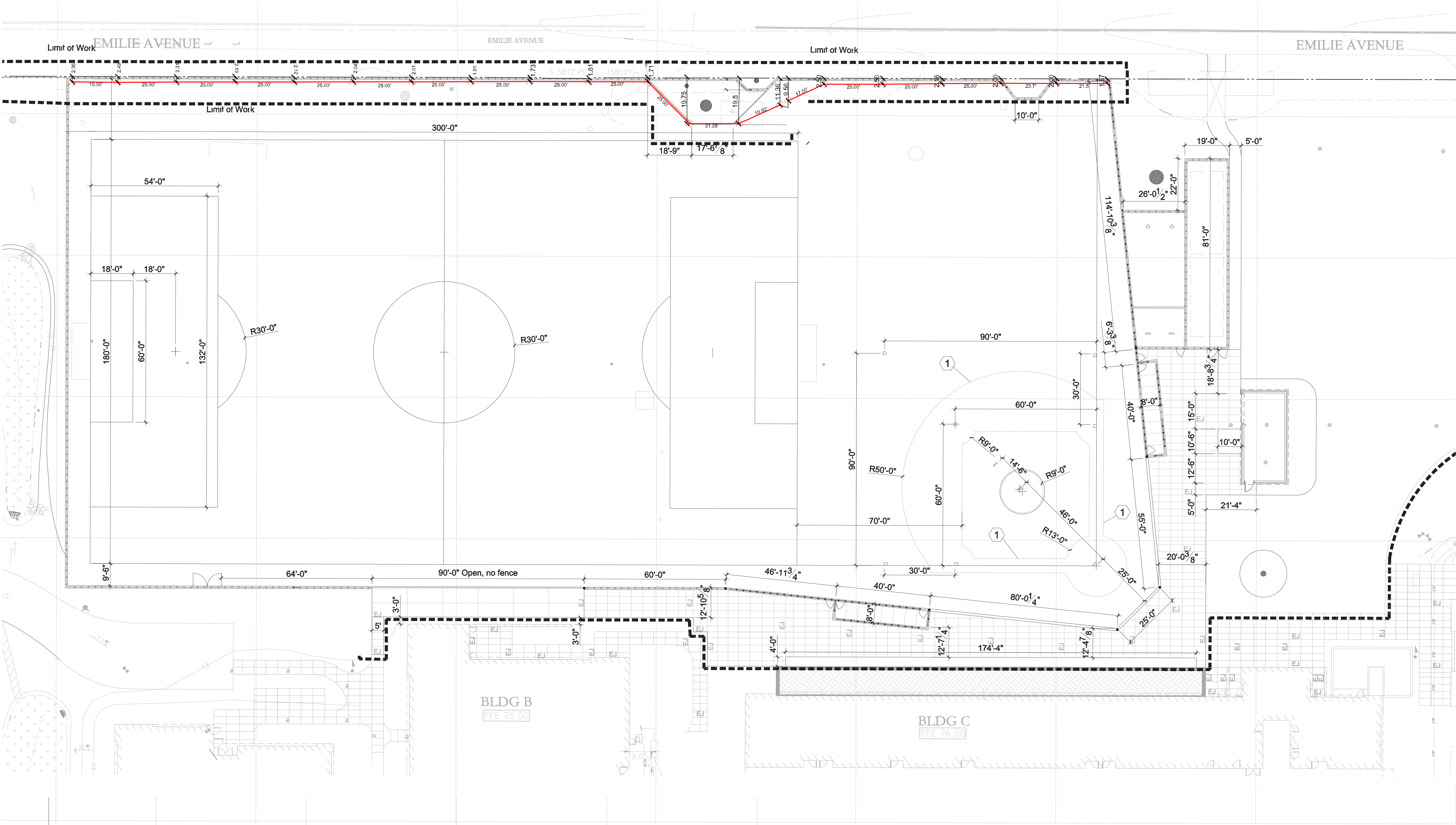
LAYOUT PLAN

Drawn: ST
Checked: SP
Project No.: C23050
File Name: Removable Netting
Date: 4-27-23

S H E E T N U M B E R


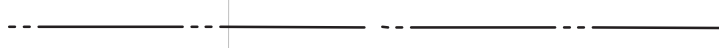
L 1.0

If the contractor encounters errors or discrepancies on the drawings, or site conditions which prevent or delay the completion of work as indicated, the contractor shall notify the owner and landscape architect by the time of bid of all such errors, discrepancies and omissions. The contractor shall indemnify and hold the landscape architect of the owner harmless if after contracting for the work he has monetary damage because of site conditions, errors, discrepancies or omissions at the time of bid.



LEGEND

These standard symbols will be found in the drawing.

-  New Removable Netting 12' Above Ground
-  Property Line

Revisions:

3-20-23	Town Permit Set
4-27-23	1 Permit Revision Set



SACRED HEART SCHOOLS
ATHERTON, CA
LOWER & MIDDLE SCHOOL

Removable Netting Project



Landscapes for working, living, and playing.
4911 Spreckles Avenue, Alhiso, CA 95002-0940
T: 408.941.1090 F: 408.941.1094 www.colonylandscape.com

Drawn: ST

Checked: SP

Project No.: C23051

File Name: Removable Netting

Date:

4-27-23

Issuance:

Permit Revision Set

Layout Plan

Sheet No.

L 2.0

A	AREA (IN ²)	LDGR	LEDGER
ABV	ANCHOR BOLT	LF	LINEAL FOOT
ADDL	ADDITIONAL	LG	LONG
ADJ	ADJACENT	LH	LOW HYDROGEN
AFF	ABOVE FINISH FLOOR	LIN	LINEAL; LINEAR
AGGR	AGGREGATE	LL	LIVE LOAD
ALT	ALTERNATE	LLB	LONG LEGS BACK-TO-BACK
ALUM	ALUMINUM	LLH	LONG LEG HORIZONTAL
ANCH	ANCHORS	LLV	LONG LEG VERTICAL
APPVD	APPROVED	LOC	LOCATIONS
APPROX	APPROXIMATELY	LONGIT	LONGITUDINAL
ARCHIT	ARCHITECTURAL; ARCHITECT	LO-HY	LOW HYDROGEN
AR	ANCHOR ROD	LP	LOW POINT
ARND	AROUND	LSH	LONG SLOTTED HOLES
@	AND	LTWT	LIGHTWEIGHT
BD	BELOW	LVL	LEVEL
BLD	BUILDING	MAS	MASONRY
BLK	BLOCK	MAT	MATERIAL
BLOCKING	BLOCKING	MAX	MAXIMUM
BM	BEAM	MB	MACHINE BOLT
BN	BOUNDARY NAIL	MD	MEDIUM DENSITY FIBERBOARD
BNDRY	BOUNDARY	MECH	MECHANICAL
BOT OR B	BOTTOM	MEZZ	MEZZANINE
BOF	BOTTOM OF FOOTING	MFR	MANUFACTURER
BRG	BRACING	MID	MIDDLE
BSMT	BASEMENT	MIN	MINIMUM
BTW	BETWEEN	MISC	MISCELLANEOUS
BYND	BEYOND	MM	MARK
		MTL	METAL
		MULT	MULTIPLE
		(N)	NEW
CAM OR C	CAMBER	NAT	NATURAL
CALCS	CALCULATIONS	NF	NEAR FACE
CANT	CANTILEVER	NIC	NOT IN CONTRACT
CNU	CALIFORNIA BUILDING CODE	NLG	NAILING
CC	CENTER TO CENTER	OR #	OR NUMBER
CCR	CALIFORNIA CODE OF REGULATIONS	NTS	NOT TO SCALE
CG	CENTER OF GRAVITY	OC	ON CENTER
CIP	CAST IN PLACE	OD	OUTSIDE DIAMETER
CJ	CONSTRUCTION JOINT; CONTROL JOINT	OF	OUTSIDE FACE
CJP	COMPLETE JOINT PENETRATION	OH	OPPOSITE HAND
CL	CENTER LINE	OPNG	OPENING
CLG	CEILING	OPP	OPPOSITE
CLR	CLEARANCE, CLEAR	OPNG	OPENING
CNMU	CONCRETE MASONRY UNIT	OSB	ORIENTED STRAND BOARD
CO	COMPANY		
COL	COLUMN	PARA OR //	PARALLEL
COMP	COMPRESSION	PC	PRECAST
CONC	CONCRETE	PC	PIPE COLUMN
CONN	CONNECTION; CONNECT	PCF	POUNDS PER CUBIC FOOT
CONST	CONSTRUCTION	PCI	POUNDS PER CUBIC INCH
CONT	CONTINUE; CONTINUOUS	PDF	POWER DRIVEN FASTENERS
CONTR	CONTRACTOR	PLF	POUNDS PER LINEAL FOOT
	COMPLETE PENETRATION	PE	POLYETHYLENE, PROFESSIONAL ENGINEER
CENR	CENTER	PERP OR ⊥	PERPENDICULAR
CTSK	COUNTERSINK; COUNTERSUNK	PHWS	PER HEAD WOOD SCREW
CF	CUBIC FOOT	PI	PLYWOOD INDEX
		PJ	PANEL JOINT
d	PENNY (NAIL OR ⌀)	PJP	PARTIAL JOINT PENETRATION
DBL	DOUBLE	PL OR PL	PLATE
DBLR	DOUBLER	PL	PROPERTY LINE
DEMO	DEMOLITION	PLY	PLYWOOD
DEPT	DEPARTMENT	PLCS	PLACES
DET	DETAIL	PLBG	PLUMBING
DFCL	DOUGLAS FIR/LARCH	PNL	PANEL
DIA OR Ø	DIAMETER	PP	PARTIAL PENETRATION
DIAG	DIAGONAL	PREFAB	PREFABRICATED
DIAPHRM	DIAPHRAGM	PRKG	PARKING
DIM	DIMENSION	PROJ	PROJECT
DIR	DIRECTION	PROP	PROPERTY
DIST	DISTANCE	PSF	POUNDS PER SQUARE FOOT
DL	DEAD LOAD	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PUN	PUNCHED
DO	DITTO	PTDF	PRESSURE TREATED DOUGLAS FIR
DWG	DRAWING	PTFE	POLYTETRAFLUORETHYLENE (TEFLON)
DWL	DOWEL	PVC	POLYVINYL CHLORIDE
		PVMT	PAVEMENT
(E)	EXISTING	PWJ	PLYWOOD WEB JOIST
EA	EACH		
EF	EACH FACE	RAD	RADIUS
e.g.	FOR EXAMPLE	RAFT	RAFTER
EJ	EXPANSION JOINT	RD	ROOF DRAIN
EL	ELEVATION	REF	REFERENCE
ELC	ELECTRICAL	REG	REGULAR
ELEV	ELEVATION	REIN	REINFORCE; REINFORCING
EMB	EMBEDDED	REQ	REQUIRED
EN	EDGE NAIL	RET	RETAINING
ENGR	ENGINEER	REV	REVISION
EOS	EDGE OF SLAB	RF	ROUGH
EQ	EQUAL	RM	ROOM
EQUIP	EQUIPMENT	RO	ROUGH OPENING
EQUIV	EQUIVALENT		
ES	EACH SIDE	S	ELASTIC SECTION MODULUS
ETC	ET CETERA	SCHED	SCHEDULE
EW	EACH WAY	SECT	SECTION
EXIST	EXISTING	SEL	SELECT
EXT	EXTERIOR	SEP	SEPARATION
		SFRS	SEISMIC FORCE RESISTING SYSTEM
Fb	ALLOWABLE BENDING STRESS	SHT	SHEET
FB	FLAT BAR	SHTG	SHEATHING
Fc	CONCRETE COMPRESSION STRENGTH	SIM	SIMILAR
FDN	FLOOR DRAIN	SIMP	SIMPSON
FF	FOUNDATION	SJ	SEISMIC JOINT
FFHWS	FINISH FLOOR	SLBB	SHORT LEGS BACK-TO-BACK
FIN	FINISH	SMS	SHEET METAL SCREWS
FLOOR	FLOOR	SPA	SPACES
FLG	FLANGE	SPCG	SPACING
FN	FIELD NAIL	SPL	SPECIAL
Fh	MASONRY COMPRESSIVE STRENGTH	SPCS	SPECIFICATIONS
FOS	FACE OF STUD	SQ	SQUARE
FOW	FACE OF WALL	SS	SELECT STRUCTURAL
FP	FIREPROOF; FULL PENETRATION	SSH	SHORT SLOTTED HOLES
FRMG	FRAMING	STAGG	STAGGER
FS	FULL SIZE; FAR SIDE	STD	STANDARD
FT	FOOT; FEET	STIFF	STIFFENER
FTG	FOOTING	STIRR	STIRRUP
Fy	YIELD STRENGTH	STL	STEEL
		STRUC	STRUCTURAL
GA	GALVE	SW	SHEAR WALL
GB	GRADE BEAM	SYM	SYMMETRICAL
GALV	GENERAL CONTRACTOR		
GAR	GALVANIZED	T	TOP
GEN	GARAGE	T&B	TOP & BOTTOM
GLB	GLUED LAMINATED BEAM	T&G	TONGUE & GROOVE
GRD	GROUND	T/	TOP OF
GR	GRADE	TB	TIE BEAM
		TEMP	TEMPERATURE; TEMPORARY
HD	HOLDOWN	THK	THICK
HDR	HEADER	THRU	THROUGH
HKG	HANGER	TL	TOTAL LOAD
HOK	HOOK	TN	TOE NAIL
HORIZ OR H	HORIZONTAL	TOB	TOP OF BEAM
HOSP	HOSPITAL	TOC	TOP OF CURB
HSP	HEAVY PILING	TOL	TOP OF LEDGER
HR	HARD ROCK	TOS	TOP OF STEEL
HS	HIGH STRENGTH	TOSH	TOP OF SHEAR WALL
HT	HEIGHT	TOSL	TOP OF SLAB
		TOW	TOP OF WALL
I	MOMENT OF INERTIA	TRANSV	TRANSVERSE
ID	INSIDE DIAMETER	TSC	TAPERED STEEL GIRDER
THAT IS	THAT IS	TYP	TYPICAL
IF	INSIDE FACE	UL	UNDERWRITERS' LABORATORY, INC.
IN	INCH	UBC	UNIFORM BUILDING CODE
INCL	INCLUDE, INCLUDING	UNO	UNLESS NOTED OTHERWISE
INFO	INFORMATION	UT	ULTRASONIC TEST
INSP	INSPECTION, INSPECTOR		
INT	INTERIOR	VERT or V	VERTICAL
INTERM	INTERMEDIATE	VIF	VERIFY IN FIELD
INV	INVERT	WF	WIDE FLANGE
		W/	WITH
JST	JOIST	W/C	WATERCEMENT
JT	JOINT	W/O	WITHOUT
		WD	WOOD
KIP OR K	1,000 POUNDS	WP	WORK POINT; WATERPROOF
KO	KNOCK-OUT	WPF	WELDED WIRE FABRIC
KP	KING POST	WHT	WEIGHT
KSF	KIPS PER SQUARE FOOT		
KSJ	KIPS PER SQUARE INCH		
LAB	LABORATORY		
LBS OR #	POUND		

STRUCTURAL STEEL SHAPES	
W	W SHAPES
S	S SHAPES
M	M SHAPES
HP	HP SHAPES
C	STD CHANNEL
MC	MISC CHANNEL
L	ANGLES
WT, ST, MT	STRUCT TEES CUT FROM W, S, M SHAPES
P#	STANDARD PIPE
PX#	EXTRA STRONG PIPE
LP	DBL EXTRA STRONG PIPE
PXX#	HOLLOW STRUCTURAL SECTION
HSS	TUBE SECTION
TS	

INSTITUTIONS	
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWPB	AMERICAN WOOD PRESERVERS BUREAU
AWS	AMERICAN WELDING SOCIETY
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
DSA	DIVISION OF THE STATE ARCHITECT
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ICC	INTERNATIONAL CODE COUNCIL
ICC-ER	ICC-ES LEGACY REPORT
ICC-ES	ICC EVALUATION SERVICE
ICC-ESR	ICC-ES REPORT
OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
PCI	PRE-CAST CONCRETE INSTITUTE
PTI	POST-TENSION CONCRETE INSTITUTE
SJI	STEEL JOIST INSTITUTE
TPI	TRUSS PLATE INSTITUTE

SYMBOLS

DETAIL NUMBER	#
SHEET NUMBER	SHT
DETAIL REFERENCE	#
SECTION REFERENCE	#
WALL ELEVATION	#
DATUM ELEVATION	EL= 0'-0"
REVISION & CLOUD	A
GRID SYSTEM	1

CONCRETE			
1.	ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.		
2.	REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD".		
3.	CONCRETE MIXES SHALL BE DESIGNED BY THE APPROVED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. THE COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE PROPORTIONED BASED ON CHAPTER 19 OF THE CODE.		
4.	SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES:	STRENGTH (PSI)	DENSITY (PCF)
	ALL CONCRETE FOOTINGS, PILES, PILE CAPS	4000	150
			0.50
5.	PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE II.		
6.	AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C 33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.		
7.	CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C 94.		
8.	PLACEMENT OF CONCRETE SHALL CONFORM TO CODE SECTION 1905A AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.		
9.	ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.		

CABLE SYSTEM

1.	WIRE ROPE CLIPS SHALL BE GALVANIZED AND MEET FEDERAL SPECIFICATION FF-C-450, TYPE 1, CLASS I.
2.	WIRE ROPE THIMBLES SHALL BE GALVANIZED HEAVY PATTERN AND MEET FEDERAL SPECIFICATION FF-T-270b, TYPE III.
3.	TURNBUCKLES SHALL BE FORGED GALVANIZED-STEEL AND MEET ASTM F145-92 AND FEDERAL SPECIFICATION FF-T-791b, TYPE 1, FORM 1.
4.	TURNBUCKLES SHALL HAVE 5/8" - 11 THREAD SIZE AND BE JAW & JAW OR JAW & EYE TYPE.
5.	TURNBUCKLES SHALL HAVE 5/8" THREAD SIZE FOR 1/2"Ø CABLEING ANF 1/2" THREAD SIZE FOR 1/4"Ø CABLEING AND BE JAW & JAW OR JAW & EYE TYPE.
6.	ALL CABLES SHALL BE PRESTRETCHED ZINC COATED STRUCTURAL STEEL WIRE ROPE COMPLYING WITH ASTM A 633 WITH A MINIMUM MODULUS OF ELASTICITY OF 20,000ksi.

REINFORCING STEEL (FOR CONCRETE)

1.	REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE, ASTM A615, GRADE 60 UNO, WHEN WELDING OF REINFORCING BARS OCCURS, BARS SHALL BE ASTM A706, GRADE 60 UNO.
2.	BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
3.	REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS. STAGGER ALL SPLICES UNLESS NOTED OTHERWISE ON PLANS.
4.	ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION IS MADE.
5.	REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION.
6.	MIL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED TO THE PROJECT INSPECTOR PRIOR TO PLACEMENT OF CONCRETE.
7.	CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL.
8.	ALL GRADE 60 REINFORCING STEEL SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM GRADE 40 REINFORCING STEEL IF CONCURRENTLY ON SITE.
9.	CONCRETE PROTECTION FOR REINFORCEMENT
	CAS-T-IN-PLACE CONCRETE (NON-PRESTRESSED), THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:
	MINIMUM COVER, IN.
A.	CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH
	3
B.	CONCRETE EXPOSED TO EARTH OR WEATHER:
	NO. 6 THROUGH NO. 18 BAR
	2
	NO. 5 BAR, W31 OR D31 WIRE & SMALLER
	1 1/2

STRUCTURAL STEEL

1.	STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED BY AN APPROVED AND LICENSED FABRICATOR IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (LATEST EDITION), AND WITH CHAPTERS 17 AND 22 OF THE CODE.	
2.	ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (UNO):	
	WF SHAPES	A992
	PLATES, CONNECTION PLATES, AND MISC	A36 (UNO)
	PIPE SECTIONS	A53, GRADE B
	HSS SECTIONS	A500, GRADE C, F _y =46 KSI
	BOLTS	A325 (UNO)
	BOLTS IN CONCRETE U.N.O.	F1554 GR 36 KSI
3.	BOLT HOLES USED IN STEEL SHALL BE 1/16" LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED.	
4.	ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (UNO). ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT SPECIFICATIONS AND THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1 LATEST REVISION) OF THE AMERICAN WELDING SOCIETY. USE OF E70T-4 WIRE IS NOT PERMITTED.	
5.	WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED, WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC 360-16 SECTION J2.2b.	
6.	ALL EXPOSED STRUCTURAL STEEL SHALL BE POWDER COATED WITH A DUPONT TGIC POLYESTER PRIMER FOLLOWED BY THE OWNER'S DUPONT TGIC POLYESTER COLOR OF CHOICE.	
7.	ALL WELD MATERIAL SHALL COMPLY WITH AISC 360-16 SECTION J2.6.	
8.	THE THERMAL CUTTING OF ALL MEMBERS SHALL COMPLY WITH AISC 360-16 SECTION M2.2.	

STRUCTURAL NOTES

DESIGN CRITERIA

1.	ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:	
		2022 CALIFORNIA BUILDING CODE (CBC) AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THOSE CODES & STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
2.	WIND ANALYSIS PER CHAPTER 16 OF THE CODE	
		RISK CATEGORY = I
		BASIC WIND SPEED = 86 mph
		WIND EXPOSURE = C
4.	SEISMIC ANALYSIS PER CHAPTER 16 OF THE CODE UTILIZING THE FOLLOWING PROCEDURE:	
		- THE EQUIVALENT LATERAL FORCE ANALYSIS
		RISK CATEGORY = I
		IMPORTANCE FACTOR = 1.00
		S _s = 1.816
		S _i = 0.704
		S _{0.2} = 1.453
		S _{0.1} = 0.798
		SEISMIC DESIGN CATEGORY = D

GENERAL

1.	THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2.	ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
3.	NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS, WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
4.	THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO: BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
5.	ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
6.	CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
7.	THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS, IF ANY, ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES AND COORDINATING WITH THE REQUIREMENTS OF THIS PROJECT. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THE SITE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IF ANY CONDITIONS ARE DISCOVERED THAT REQUIRES FURTHER COORDINATION.
	THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THAT OCCURS DUE TO NOT FULLY LOCATING EXISTING UTILITIES.
8.	ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS BASED ON AVAILABLE KNOWLEDGE OF EXISTING STRUCTURE. CONTRACTOR SHALL VERIFY IN FIELD ALL EXISTING CONDITIONS RELATIVE TO THE SCOPE OF THIS PROJECT. WHERE ACTUAL CONDITIONS ARE NOT IN ACCORDANCE WITH THE DRAWINGS PROVIDED, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY. CONTRACTOR SHALL ALLOW FOR SUFFICIENT BUDGET AND SCHEDULE CONTINGENCY TO ADDRESS EXISTING HIDDEN CONDITIONS.
9.	ALL DEMOLITION SHALL BE PERFORMED IN SUCH A WAY AS NOT TO DAMAGE THE EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN IN THE FINISHED STRUCTURE. ANY PORTIONS OF STRUCTURE TO REMAIN THAT ARE DAMAGED DURING DEMOLITION SHALL BE REPLACED AT NO ADDITIONAL COST. EXISTING STRUCTURAL ELEMENTS SHALL BE PROTECTED TO THE FULLEST EXTENT POSSIBLE. IN ORDER TO MITIGATE DAMAGE, CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL EXISTING STRUCTURAL ELEMENTS THAT ARE NECESSARY FOR THE COMPLETION OF ALL NEW WORK.

FOUNDATION

ALLOWABLE SOIL PRESSURE AND LATERAL EARTH PRESSURE BASED ON CODE PRESCRIBED VALUES IN ACCORDANCE WITH CHAPTER 16 TABLE 1606.2 OF THE CODE.

2. FOOTING ARE DESIGNED BASED ON THE FOLLOWING INFORMATION:

ALLOWABLE BEARING:	
ISOLATED FTGS	= 1500 PSF (MAX)
PASSIVE EARTH PRESSURE**	
PASSIVE EARTH PRESSURE	= 100 PSF/FT

** POLES ARE NOT ADVERSELY AFFECTED BY A 1/2" MOTION AT THE GROUND SURFACE AND SO SHALL BE PERMITTED TO BE DESIGNED USING LATERAL BEARING PRESSURES EQUAL TO TWO TIMES THE VALUES GIVEN PER CHAPTER 16 OF THE CODE

3. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE, IF REQUIRED.

4. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.

5. EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT LETTER OF COMPLIANCE.

6. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH. CONTRACTORS SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH. CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS, AND INSTALLATION OF SUCH BRACING.

7. FOUNDATIONS SHALL BE PLACED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR, FOUNDATION ELEVATIONS WILL BE ALTERED BY CHANGE ORDER.

8. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT AND APPROVED BY THE SOILS ENGINEER. FLOODING WILL NOT BE PERMITTED. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED PER CODE SECTION 1706A.6 AND TABLE 1706A.6

9. ALL ABANDONED FOOTINGS, UTILITIES, ETC. SHALL BE REMOVED UNLESS NOTED OTHERWISE. NEW FOOTINGS MUST EXTEND INTO UNDISTURBED SOILS.

SHEET INDEX

SFS-1	GENERAL NOTES
SFS-2	DETAILS
SFS-3	Soccer Field Netting Layout
SFS-4	Lower Field Netting Layout

TOTAL OF 4 SHEETS

Project Specific Approval

SACRED HEART SCHOOLS, ATHERTON

150 Valparaiso, Atherton, CA

Owner



41155 State Highway 10,
PO Box 231 Delhi, NY 13753

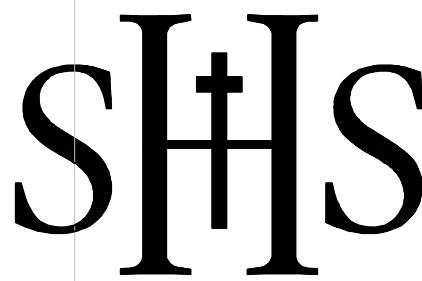
Issue/Revision

Issue No.	Rev. No.	Description	Date
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		CITY SUBMITTAL	03/16/2023
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18400 Von Karman Ave., Suite 600
Irvine, CA 92612
O: 949.252.1022

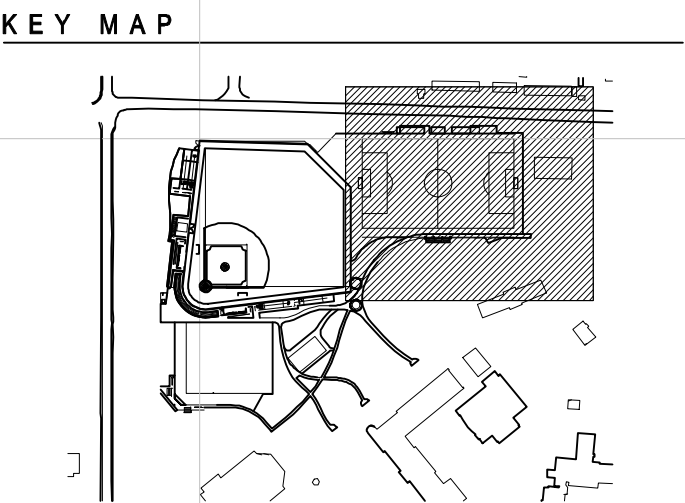


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ATHERTON, CA 94027-4402

WEST FIELDS
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SUBMITTALS		
KEY	DATE	TITLE
N/A	3-20-23	NETTING LAYOUT

Sam Titchener, CFB

Colony Landscape

SHEET TITLE
LAYOUT PLAN

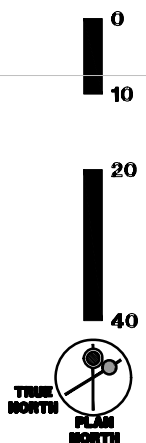
JOB NO
C23050
SHEET NUMBER
SFS-3

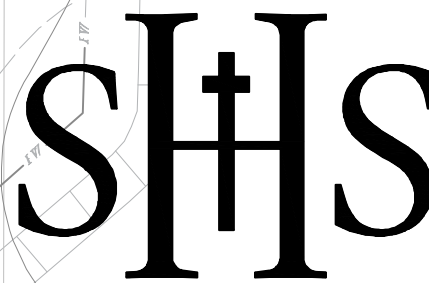
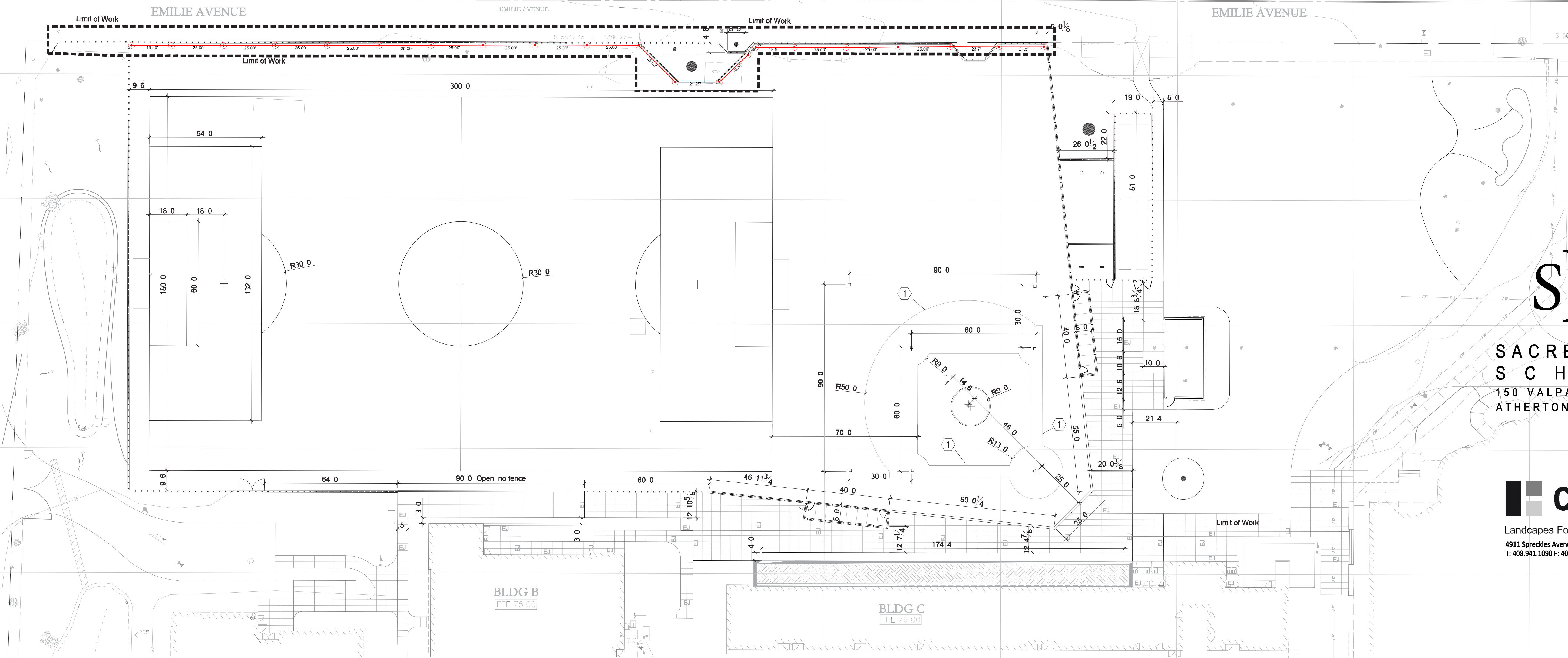


LEGEND

These standard symbols will be found in the drawing.

- New Removable Netting 10' Above Ground
- Existing Removable Netting Poles To Remain 20' Above Ground
- New Removable Netting 20' Above Ground





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LEGEND

These standard symbols will be found in the drawing.

 New Removable Netting 12' Above Ground

Revisions		
Netting Layout Permit Set	3/20/23	

LOWEF & MIDDLE SCHOOL

Fields Project

Sam Titichener, CFB



Colony Landscape

Drawn	ST
Checked	LF
Project No	C23051
File Name	
Date	3.20.2023

Issuance



Layout Plan
Sheet No

SFS-4