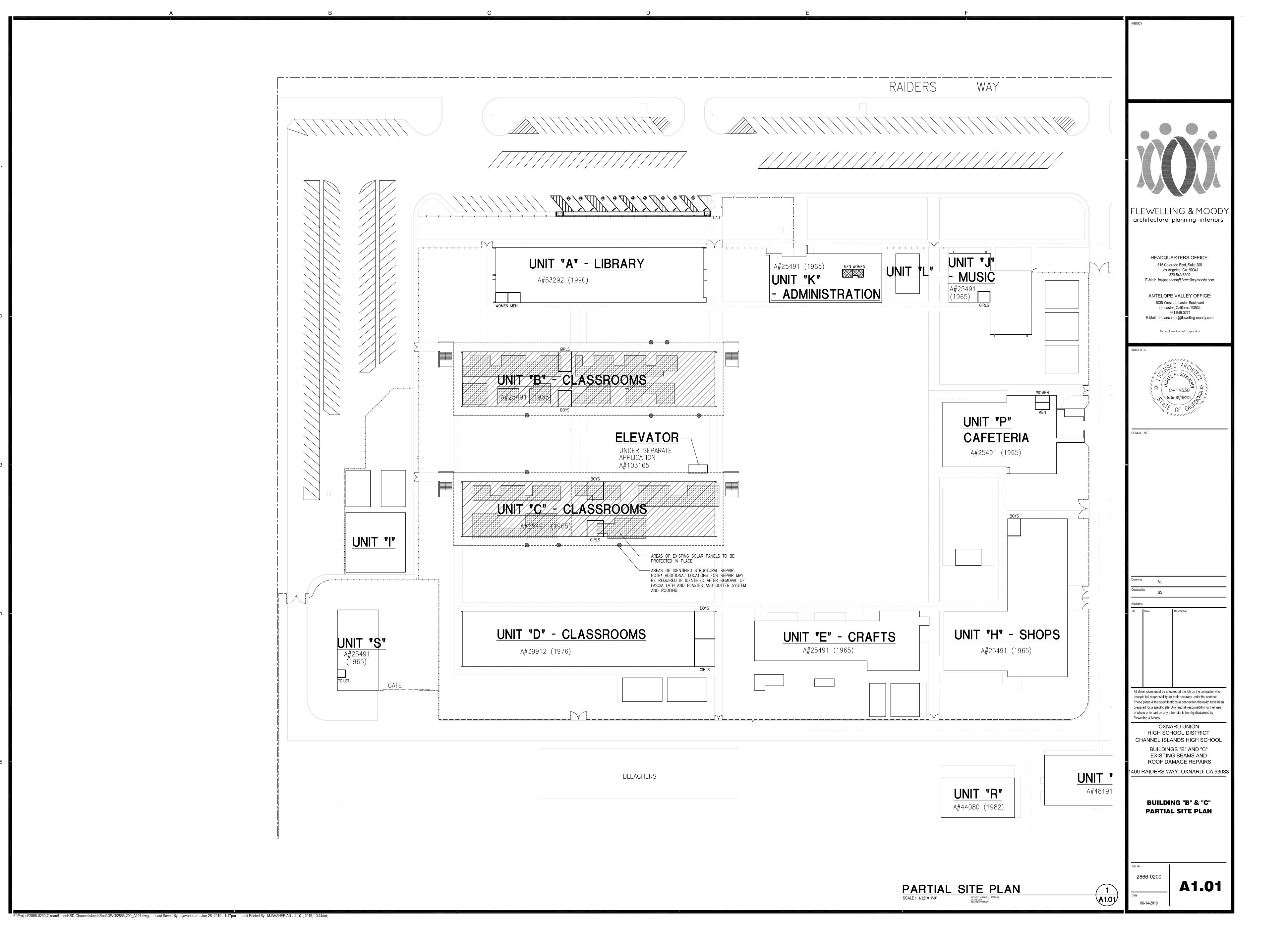
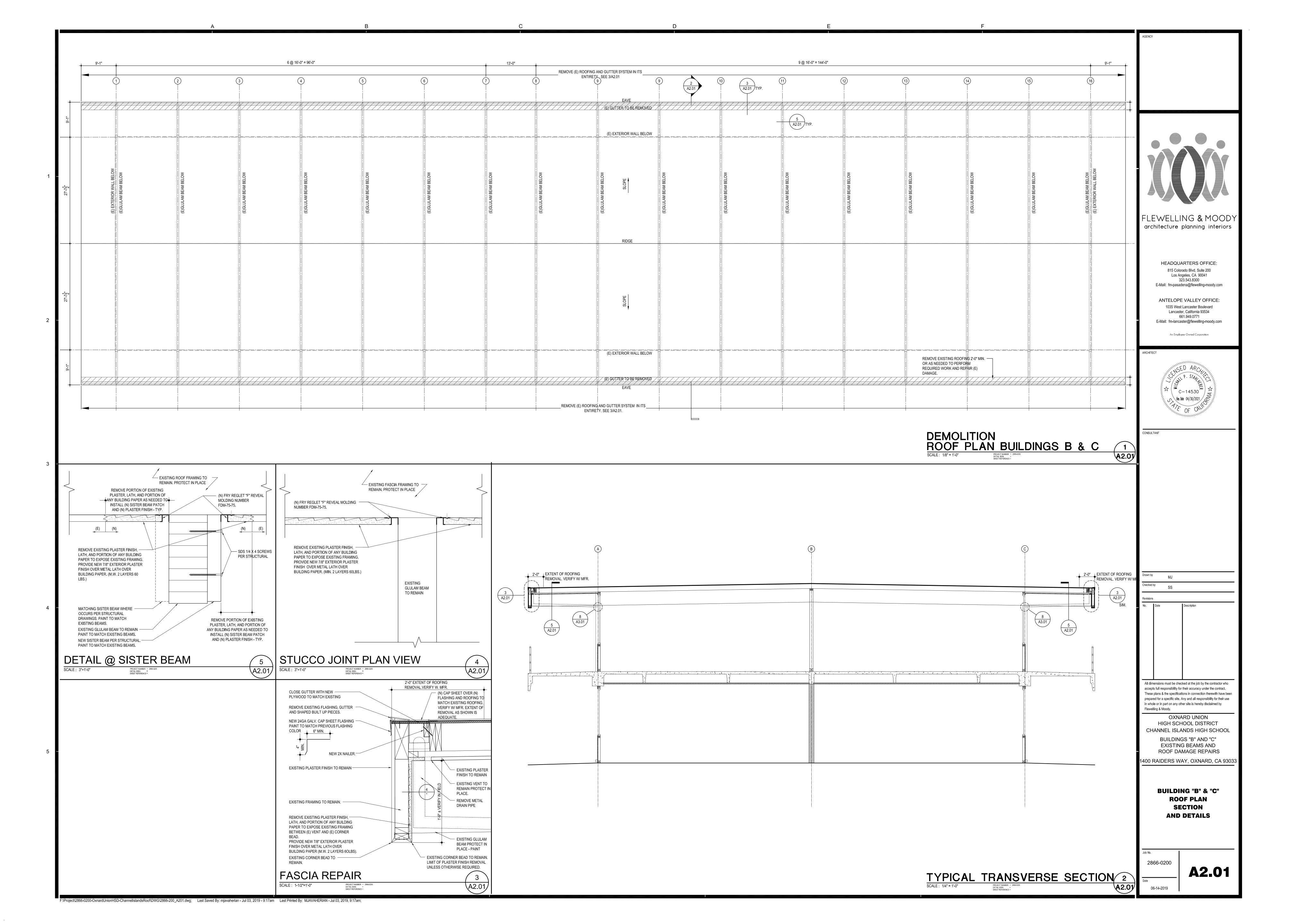
## OXNARD UNION HIGH SCHOOL DISTRICT CHANNEL ISLANDS HIGH SCHOOL BUILDINGS "B" AND "C"

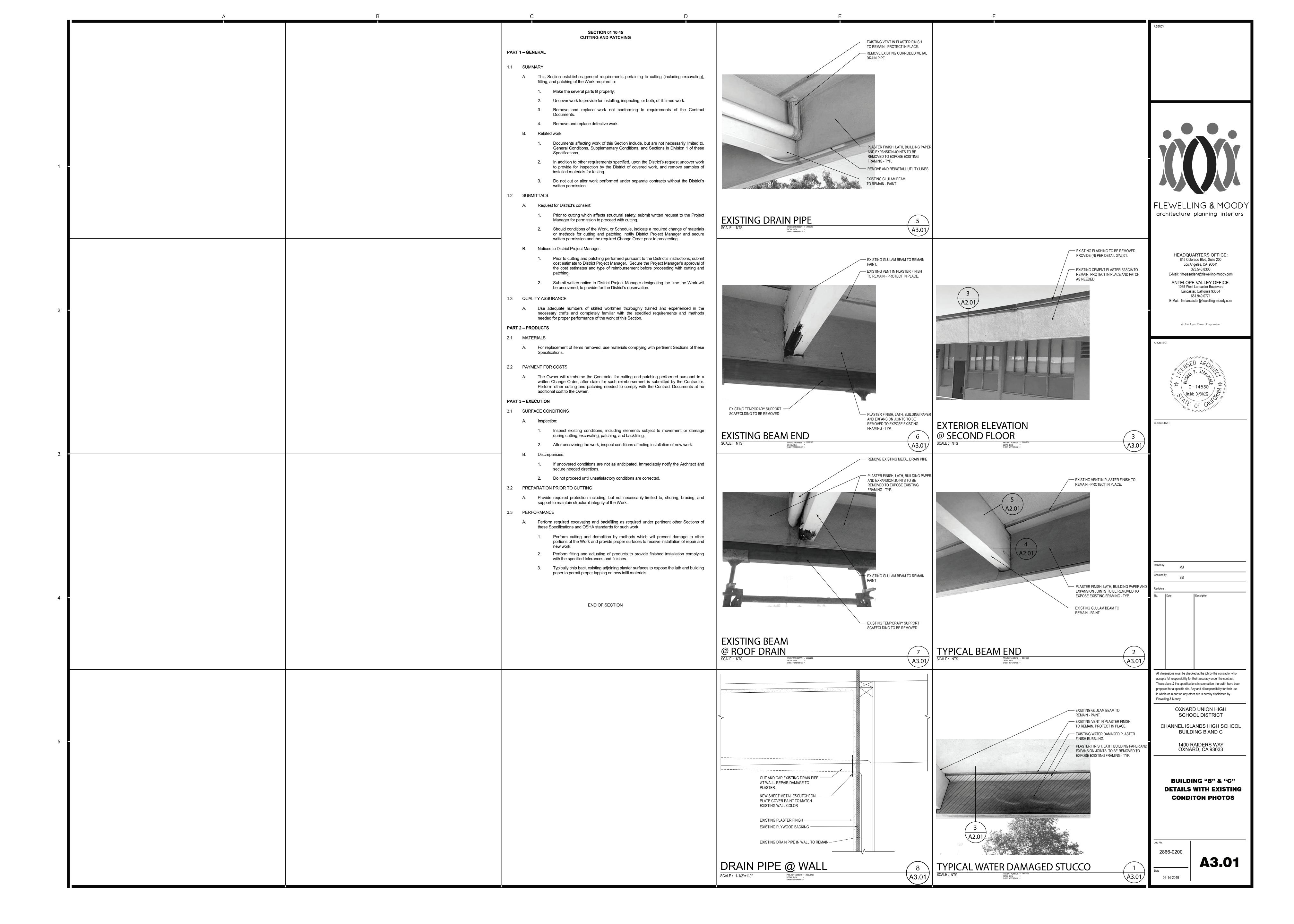
EXISTING BEAMS AND ROOF DAMAGE REPAIRS 1400 Raiders Way, Oxnard, CA 93033

## Comment of the Com	1400 Raiders Way, Oxnard, CA 93033						
A THE CONTROL OF THE PROPERTY	SYMBOL LIST	ABBREVIATIONS	APPLICABLE CODES	SHEET INDEX	GENERAL NOTES		
Fig. 1. The control of the control o	DETAIL NUMBER	AC asphalt concrete MH manhole AD area drain MAT'L material(s)					
STATE OF THE CONTROL		AL aluminum MECH mechanic(al) AB anchor bolt MED medium APX approximate MT mosaic tile ARCH architecture, (architectural) MTL metal ASPH asphalt MIN minimum	C.C.R. (2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013	A1.01 BUILDING "B" & "C" PARTIAL SITE PLAN		FLEWELLING & MOODY architecture planning interiors	
CHARLES AND	WALL SECTION	AUTO automatic MISC miscellaneous & and MKBD marker board @ at N north BM beam (N) new BLK'G blocking NOM nominal BD board NIC not in contract D. BLD'G building NTS not to scale C compact	PART 3 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.  (2014 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)	A3.01 BUILDING "B" & "C" DETAILS WITH EXISTING CONDITION PHOTOS  S0.0 GENERAL STRUCTURAL NOTES, FRAMING LUMBER NOTES, AND FASTENING SCHEDULES	EXISTING AND PROPOSED CONSTRUCTION, PIPING, CONDUITS, CLEAN-OUTS, PULL-BOXES, ETC. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DISTRICT AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK.	HEADQUARTERS OFFICE: 815 Colorado Blvd, Suite 200 Los Angeles, CA 90041	
Services of the property of th		CKBD chalkboard OS overflow scupper  CKBD chalkboard OPN'G opening CLR clear OVHD overhead CLRM classroom OL occupant load	AMENDMENT)	THE THOUSE I EMITTHE	LOCKABLE. SECURITY OF CONSTRUCTION SITE IS SOLELY THE	323.543.8300 E-Mail: fm-pasadena@flewelling-moody.com  ANTELOPE VALLEY OFFICE:	
THE STATE OF THE PROPERTY OF T	EXT. ELEVATION  SHEET  N	COL column PH panic hardware CONC concrete PBD particle board CONST construction PED pedestal CONT continuous. (continue) PL plastic laminate	(2015 INTERNATIONAL PLUMBING CODE AND 2013 CALIFORNIA AMENDMENT) PART 6 2016 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.		EXISTING CONDITIONS THAT ARE IN CONFLICT WITH NEW CONSTRUCTION, AND	1035 West Lancaster Boulevard Lancaster, California 93534 661.949.0771 E-Mail: fm-lancaster@flewelling-moody.com	
See The Control of th	NORTH ARROW	CT ceramic tile PLYWD plywood CUST custodian PNL panel D door PVC polyvinyl chloride D/(Ø) diameter R radius DEMO demolish, (demolition) RECO reconstruction DTL detail REF reference DIF diffuser REG register DIM dimension RELO relocatable	(2015 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENT) PART 10 2016 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R.  (2015 INTERNATIONAL EXISTING BUILDINGS CODE OF THE INTERNATIONAL CODE COUNCIL, WITH AMENDMENTS) PART 11 2016 CALIFORNIA GREEN BUILDING STANDARDS, CALGREEN CODE		CONTROLLING THE AIR QUALITY AND DUST CONTROL FOR THE ENTIRE DURATION OF THE CONTRACT PERIOD. AND SHALL COMPLY WITH ALL LOCAL AND STATE REGULATIONS FOR DUST AND EROSION CONTROL, INCLUDING ALL MEASURES NECESSARY TO CONTROL DUST DURING NON-WORK HOURS /	An Employee Owned Corporation  ARCHITECT	
Column   C		DWG drawing RA return air DF drinking fountain RD roof drain E east RM room EA each RNeconstruction note EF each face RO rough opening EW each way RR return register ELEC electric(al) S south	PART 12 2016 CALIFORNIA REFERENCED STANDARDS, PART 12,TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS. 2013 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1/CSA B44-2013.)		UNDERPINNING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE ARCHITECT OR THE ENGINEER.	C-14530  Ren. Dole 04/30/2021	
1		ELEV elevator SCHD schedule EQV equivalent SEC section EQ equal SSK service sink EXIST/(E) existing SIM similar			"CONSTRUCTION AREA, CONSTRUCTION PERSONNEL ONLY" AT ALL	OF CAME	
### Company of the co		FOC face of concrete SF square footage FOM face of masonry SPEC specification(s) FOS face of studs SQ square FIN finish(ed) SS stainless steel FA fire alarm ST stain FE fire extinguisher STD standard	NFPA 14 STANDPIPE SYSTEMS (CA) AMENDED 2013 EDITION NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION		TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE	CONSULTANT	
## SPACE OF CASH CONTROL TO A C		FLR floor(ing) FD floor drain FRP fiberglass resistant panel FTG footing FUR furred FV field verify GA gage, (gauge) GALV galvanized GYP gypsum  STO storage SD storm drain STR/STRUCT structural SYS system T&B top & bottom T&G tongue & groove TKBD tackboard TEL telephone TV television THK thickness	NFPA 24 PRIVATE FIRE MAINS (CA) AMENDED 2016 EDITION NFPA 72 NATIONAL FIRE ALARM CODE 2016 EDITION (CA) AMENDED  NFPA 80 FIRE DOOR AND OTHER OPENING 2016 EDITION PROTECTIVES  NFPA 253 CRITICAL RADIANT FLUX OF FLOOR 2015 EDITION		MATERIAL FROM THE OWNER'S PROPERTY TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK ALL CONSTRUCTION AREAS SHALL BE LEFT VACUUM CLEAN AND FREE FROM DEBRIS. CLEAN ALL DUST, DIRT, STAINS, HAND MARKS, PAINT SPOTS,		
CONTROL OF ANALYSIS AND THE ANALYSIS ANA		H neight TH threshold HDWR hardware THRU through HVAC heating/ventilating air conditioning TOW top of wall HC hollow core HM hollow metal U <b>0N</b> ess otherwise noted	NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING 2015 EDITION SYSTEM (CALIFORNIA AMENDED)		SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO		
GENERAL SCOPE OF WORK  GENERAL SCOPE OF WORK  VICINITY MAP  POSE DEPOSE A LANGUAR MANAGEMENT OF STRUCTURE ADMINISTRATION OF STRUCTURE ADMINIST		HP horsepower UR urinal HORIZ horizontal VERT vertical INCL include(d), (ing) VIF verify in field INFOR information WC water closet INSUL insulat(e), (ion) W west INT interior WG wire glass	CHAPTER 35, SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO		COMPLETED. ARCHITECT AND STRUCTURAL ENGINEER TO VISIT SITE TO CONFIRM AREAS OF REPAIR AND IDENTIFY ANY ADDITIONAL AREAS THAT MAY		
SAN BILLIAMS IS AC.  1. STADUTINAL DAVIDED A SOLICIO A SOLICIO DI STADUTINAL DRAWNOS AND PARIS AND DAVIDED AND ADDITICAL PARIS AND DAVID AND ADDITICAL PARIS AND DAVID AND ADDITICAL PARIS		LB lag bolt W/O without				Drawn by MJ Checked by SS	
FOR SULLEININGS B & C  1. SINGLE CHARLE BASE HAS AN RESULTED ON ARCHITECTURAL PHASE AND DETAILS.  2. SHARMAN, OF DESTINAL STEPH AND SHARM CHECK AND.  3. SHARMAN SHARM HAS AND DETAILS.  3. SHARMAN SH				GENERAL SCOPE OF WORK	VICINITY MAP	Revisions  No. Date Description	
FROM THE SUPPLEMENT BOTH AND THE CONTROL OF THE PRINCIPLE CANNOT BE CONTROL OF THE PRI					OXNARD		
DOWN-SPOUTS AT BUILDING VALUE).  3. PARTIAL SHEAR HIN SIGN AND PER ROOFING DUE TO EXISTING GUTTER REMOVAL (MATCH EXISTING ROOFING).  4. REMOVAL AND PATCH-BACK OF EXHSTING CEMENT PLASTER RISHING HATH AND BUILDING PAPER AT HISING PASCIA AND SOFFIT AREAS AS REQUIRED FOR INSTALLATION OF NEW STRUCTURAL REPAIR.  5. PAINTING ALL NEW FINISHES TO MATCH EXISTING ADJACENT SURFACES.  PEASON RD.  PEASON RD.  PEASON RD.  PEASON RD.  WIPLEASANT VALLEY RD.  WIPLEASANT VALLEY RD.  TITLE S.  TITLE S.				FURTHER SUPPLEMENTED ON ARCHITECTURAL PLANS AND DETAILS.	W CHANINE 1 10		
4. REMOVAL AND PATCH-BACK OF EXISTING CEMENT PLASTER FINISH, LATH, AND BUILDING PAPER AT INSIDE FASCIA AND SOFTIT AREAS AS REQUIRED FOR INSTRILLATION OF NEW STRUCTURE PLAST REPAIR.  5. PAINTING ALL NEW FINISHES TO MATCH EXISTING ADJACENT SURFACES.  PEARSON RD.  PEA				DOWNSPOUTS AT BUILDING WALLS).  3. PARTIAL SHEATHING AND RE-ROOFING DUE TO EXISTING GUTTER REMOVAL (MATCH	SLANDS BLVD.	All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract.  These plans & the specifications in connection therewith have been	
5. PAINTING ALL NEW FINISHES TO MATCH EXISTING ADJACENT SURFACES.  PEARSON RD.  PROJECT LOCATION  BUILDINGS: MOOF DAMAGE ISLAND  MOOF DAMAGE ISLAND  BUILDINGS: MOOF DAMAGE ISLAND  MOOF DAMAGE ISLAND  BUILDINGS: MOOF DAMAGE ISLAND				4. REMOVAL AND PATCH-BACK OF EXISTING CEMENT PLASTER FINISH, LATH, AND BUILDING PAPER AT INSIDE FASCIA AND SOFFIT AREAS AS REQUIRED FOR	TS ON SHIP TO THE PROPERTY OF	OXNARD UNION	
TITLE S  LOCATION ROOF DAMAY 1400 RAIDERS WAY, 1					PEARSON RD. YUCCA ST. PROJECT	HIGH SCHOOL DISTRICT CHANNEL ISLANDS HIGH SCHOOL BUILDINGS "B" AND "C" EXISTING BEAMS AND	
TITLE S  W PLEASANT VALLEY RD,  W PLEASANT VALLEY RD,					LOCATION	ROOF DAMAGE REPAIRS  1400 RAIDERS WAY, OXNARD, CA 93033	
HEASANT VALLEY RD.							
CTRUCTURAL ENGINEER OWNER						TITLE SHEET	
STRUCTURAL ENGINEER ARCHITECT OWNER			STRUCTURAL ENGINE	ER ARCHITECT OWNER			
ORION STRUCTURAL GROUP 223 E. Thousand Oaks Blvd., #304 Thousand Oaks, CA 91360 TEL: (805) 390-9242 Contact: Will Lambert Email: will@orionstructuralgroup.com  FLEWELLING & MOODY 815 Colorado Blvd, Suite 200 Los Angeles, CA 90041 TEL: (802) 548-904 TEL: (802) 548-904 TEL: (802) 548-904 TEL: (802) 548-904 TEL: (802) 548-909 TEL: (802)			223 E. Thousand Oaks Blvd., #304 Thousand Oaks, CA 91360 TEL: (805) 390-9242 Contact: Will Lambert	815 Colorado Blvd, Suite 200 Los Angeles, CA 90041 TEL: (323) 543-8300 Contact: Mike Stahlheber  309 South K Street (Bldg c) Oxnard, CA 93030 TEL: (805) 394-9393 Contact: N/A		<b>TO.01</b>	

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FASTENING SCHEDULE 2016 CBC, TABLE 2304.10.1						
CONNECTION	FASTENING (a,m)	LOCATION				
I. JOIST TO SILL OR GIRDER	(3)-8d COMMON ( $2\frac{1}{2}$ "XO. 3 ") (3)-3"XO. 3  NA L5	TOENAIL				
2. BRIDGING TO JOIST	(2)-8d COMMON ( $2^{\rm L}_2$ "XO. 3 ") (2)-3"XO. 3  NAIL5	TOENAIL EACH END				
3. I"X6" SUBFLOOR OR LESS TO EACH JOIST	(2)-8d COMMON (2½"XO. 3 ")	FACE NAIL				
4. WIDER THAN I"X6" SUBFLOOR TO EACH JOIST	(3)-8d COMMON (2½"XO. 3 ")	FACE NAIL				
5. 2" SUBFLOOR TO JOIST OR GIRDER	(2)-16d COMMON (3½"XO.162")	BLIND AND FACE NAIL				
6. SOLE PLATE TO JOIST OR BLOCKING	16d (3½"XO.135") AT 16" O.C. 3"XO.131" NAIL AT 8" O.C.	TYPICAL FACE NAIL				
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	(3)-16d (3½"XO.135") AT 16" (4)-3"XO.131" NAILS AT 16" O.C.	BRACED WALL PANELS				
7. TOP PLATE TO STUD	(2)-16d COMMON (3½"XO.162") (3)-3"XO.131" NAILS	END NAIL				
8. STUD TO SOLE PLATE	(4)-8d COMMON (2½"XO. 3 ") (4)-3"XO. 3  NA L5	TOENAIL				
	(2)-16d COMMON (3 $\frac{1}{2}$ "XO.162") (3)-3"XO.131" NAILS	END NAIL				
9. DOUBLE STUDS	6d (3½"X0. 35") AT 24" O.C. (3)-3"X0. 3 " NA LS AT 8" O.C.	FACE NAIL				
IO. DOUBLE TOP PLATES	6d (3½"XO. 35") AT  6" O.C. (3)-3"XO. 3 " NA LS AT  2" O.C.	TYPICAL FACE NAIL				
DOUBLE TOP PLATES	(8)-16d COMMON (3½"XO.162") (12)-3"XO.131" NAILS	LAP SPLICE				
II. BLOCKING BETWEEN JOIST OR RAFTERS TO TOP PLATE		TOENAIL				
12. RIM JOIST TO TOP PLATE	8d COMMON ( $2\frac{1}{2}$ "XO. 3 ") AT 6" O.C. (3)-3"XO. 3 " NAIL AT 6" O.C.	TOENAIL				
13. TOP PLATES, LAPS AND INTERSECTIONS	(2)-16d COMMON (3 $\frac{1}{2}$ "XO.162") (3)-3"XO.131" NAILS	FACE NAIL				
14. CONTINUOUS HEADER, TWO PIECES	16d COMMON (3½"XO.162")	16" O.C. ALONG EDGE				
15. CEILING JOIST TO PLATE	(3)-8d COMMON (2½"XO. 3 ") (5)-3"XO. 3 " NAIL	T <i>O</i> ENAIL				
16. CONTINUOUS HEADER TO STUD	(4)-8d COMMON (2½"XO. 3 ")	T <i>O</i> ENAIL				
IT. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	(3)-16d COMMON (3 $\frac{1}{2}$ "XO.162") MINIMUM, TABLE 2308.10.4.1 (4)-3"XO.131" NAILS	FACE NAIL				
18. CEILING JOISTS TO PARALLEL RAFTER (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	(3)-16d COMMON (3 $\frac{1}{2}$ "XO.162") MINIMUM, TABLE 2308.10.4.1 (4)-3"XO.131" NAILS	FACE NAIL				
19. RAFTER TO PLATE (SEE SECTION 2308.10.1, TABLE 2308.10.1)	(3)-8d COMMON (2½"XO. 3 ") (3)-3"XO. 3 " NAILS,	T <i>O</i> ENAIL				
20. I" DIAGONAL BRACE TO EACH STUD AND PLATE.	(2)-8d COMMON ( $2\frac{1}{2}$ "XO. 3 ") (2)-3"XO. 3 " NAILS,	FACE NAIL				
21. I" X 8" SHEATHING TO EACH BEARING	(3)-8d COMMON (2½"XO. 3 ")	FACE NAIL				
22. WIDER THAN I" X 8" SHEATHING TO EACH BEARING	(3)-8d COMMON (2½"XO. 3 ")	FACE NAIL				
23. BUILT UP CORNER STUDS	16d COMMON (3½"X0.162") 3"X0.131" NAILS	24" O.C. 16" O.C.				

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		G SCHEDULE (CONT.) C, TABLE 2304.10.1	
CONNECTION		FASTENING (a,m)	LOCATION
24. BUILT UP GIRDER AND BEAMS		DMMON (4"X0.192") 32" O.C. 0.131 NAILS AT 24" O.C.	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	(2)-2	20d COMMON (4"X0.192") (3)-3"X0.131 NAILS	FACE NAIL AT ENDS AND AT EACH SPLICE.
25. 2" PLANKS	160	1 COMMON (3½"X0.162")	AT EACH BEARING
26. COLLAR TIE TO RAFTER		Od COMMON (3"XO.148") (4)-3"XO.131" NAILS	FACE NAILING
27. JACK RAFTER TO HIP	(3)-10d COMMON (3"X0.148") (4)-3"X0.131" NAILS		TOE NAIL
	(2)-16d COMMON (3½"XO.162") (3)-3"XO.131 NAILS		FACE NAIL
28. ROOF RAFTER TO 2X RIDGE BEAM	2-16"d COMMON (3"XO.148") (4)-3"XO.131"		TOE NAIL
	(2)-16" COMMON (3½"XO.162) (3)-3"XO.131" NAILS		FACE NAIL
29. JOIST TO BAND JOIST			FACE NAIL
30. LEDGER STRIP	(3)-16d COMMON (3½"XO.162") (4)-3"XO.131 NAILS		FACE NAIL
31. WOOD STRUCTURE PANELS AND PARTICLE- BOARD (b) SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	1 AND LESS 19 TO 3 TO 4	6d (c.l.) 2-3/8" X O.13" NAIL (n) 8d (d) OR 6d (e) 2-3/8" X O.113" NAIL (p)	
	<sup>7</sup> " TO  "	8d (c)	
	- /8" TO  - /4"	10d (d) OR 8d (d)	
	3" AND LESS	6d (e)	
	₹" TO I"	8d (e)	
	I-I/8" TO I-I/4"	10d (d) OR 8d (e)	
32. PANEL SIDING (TO FRAMING)	½" AND LESS	6d (f)	
	5/8"	8d (f)	
33. FIBERBOARD SHEATHING (g)	1"	NO. II GAGE ROOFING NAIL (h) 6d COMMON NAIL (2" X O.II3")	
	25/32"	NO. II GAGE ROOFING NAIL (h) 8d COMMON NAIL (2-1/2" X O.131")	
34. INTERIOR PANELING	1/4"	4d (j)	
	3/8"	6d (k)	

FOR SI: | INCH = 25.4 mm

(a) COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.

(b) NAILS SPACED AT 6 INCHES ON CENTER AT EDGES. 12" INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANELS AND PARTICLEBOARD DIAGRAMS AND SHEAR WALLS REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.

(c) COMMON OR DEFORMED SHANK (6d - 2"XO,||3"; 8d - 2\frac{1}{2}"XO,|3|"; |Od - 3"XO,|48")

(d) COMMON (6d - 2"XO.113"; 8d - 2 1/2"XO.131"; 10d - 3"XO.148") (e) DEFORMED SHANK (6d - 2"XO.113"; 8d- $2\frac{1}{2}$ "XO.131"; 10d - 3"XO.148").

(f) CORROSION-RESISTANT SIDING (6d -  $1\frac{7}{8}$ "XO.106"; 8d -  $2\frac{2}{8}$ "XO.128") OR CASING (6d - 2" X 0.099"; 8d -  $2\frac{1}{9}$ "XO.113") NAIL. (a) FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS, WHEN USED AS

STRUCTURAL SHEATHING. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NON-STRUCTURAL APPLICATIONS. (h) CORROSION-RESISTANT ROOFING NAILS WITH 🖟 INCH DIAMETER HEAD AND 1-1/2 INCH LENGTH FOR 🖢 SHEATHING AND 1-3/4 INCH LENGTH

FOR 鈐 INCH SHEATHING. (i) CORROSION RESISTANT STAPLES WITH NORMAL 🖟 INCH CROWN AND I -1/8 INCH LENGTH FOR 1/2 INCH SHEATHING AND I-1/2 INCH LENGTH

FOR 

 INCH SHEATHING. PANEL SUPPORTS AT 16 INCHES (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE

(j) CASING (1-1/2" X 0.080") OR FINISH (1-1/2" X 0.072") NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.

k) PANEL SUPPORTS AT 24 INCHES. CASING OF FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS. (I) FOR ROOF SHEATHING APPLICATIONS, 8d NAILS (2-1/2" X 0.113") ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.

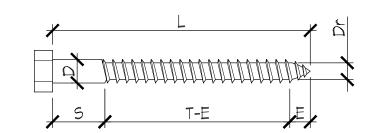
(m) STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16 INCH.

(n) FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS. (o) FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3

INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING. (p) FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.

## FRAMING LUMBER

- PROVIDE GRADE-MARKED DOUGLAS FIR STRUCTURAL LUMBER COMPLYING WITH STANDARD GRADING RULE NUMBER 16 OF THE WEST COAST LUMBER INSPECTION BUREAU. PROVIDE 'S' DRY LUMBER WITH A 19% MAX. MOISTURE CONTENT. WOOD JOISTS AND BEAMS WITH MORE THAN 2 FRAMED LEVELS ABOVE THEM SHALL BE MCI5 (15% MOISTURE MAX. LUMBER).
- 2. ALL LUMBER SHALL BE STRESS GRADED DOUGLAS FIR NO. 2, UNLESS NOTED OTHERWISE. ALL 4x10 BEAMS OR LARGER AND 6x8 BEAMS OR LARGER SHALL BE DOUGLAS FIR NO. 1.
- 3. ALL LUMBER IN DIRECT CONTACT WITH CONCRETE OR MASONRY, INCLUDING BUT NOT LIMITED TO FOUNDATION SILLS, SHALL BE NATURALLY DURABLE OR PRESERVATIVE-TREATED DOUGLAS FIR.
- 4. WOOD STRUCTURAL PANELS SHALL COMPLY WITH U.S. PRODUCT STANDARDS FOR ITS TYPE IN PS 1-09 OR PS 2-10 AND BE CLASSIFIED AS EXPOSURE 1. AS A MINIMUM ALL WOOD STRUCTURAL PANELS SHALL BE APA RATED SHEATHING UNLESS NOTED OTHERWISE ON PLANS AND DETAILS. PANEL CONSTRUCTION FOR ALL WOOD STRUCTURAL PANELS SHALL BE 5 PLY PLYWOOD, EXCEPT THAT OSB IS PERMITTED FOR WALL SHEATHING. ALL WOOD STRUCTURAL PANELS SHALL BE BLOCKED AT UNSUPPORTED EDGES. WALL PANELS SHALL BE 15/32 INCH, PANEL INDEX (P.I.) 32/16 U.N.O. ALL MOOD STRUCTURAL PANELS MUST BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS.
- 5. ALL NAILS SHALL BE COMMON WIRE NAILS. NAILING TO BE IN ACCORDANCE WITH CBC 2016 NAILING SCHEDULE UNLESS NOTED OTHERWISE. 1 1/2" OF PENETRATION FOR IOD AND IOD IS REQUIRED. PENETRATION IS MEASURED INTO THE PIECE RECEIVING THE NAILPOINT. ALL NAILS SHALL BE GALVANIZED WHEN EXPOSED TO WEATHER. PREDRILL ALL NAILS 20d OR LARGER.
- 6. LAG SCREWS SHALL BE TURNED, NOT DRIVEN, INTO PRE DRILLED HOLES. PROVIDE LEAD HOLE 40% TO 70% OF THREADED SHANK DIAMETER AND FULL DIAMETER FOR SMOOTH SHANK PORTION.
- 7. ALL FRAMING HARDWARE SHALL BE STRONG-TIE CONNECTORS AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND ICC REQUIREMENTS. ALL BOLTS IN HOLD-DOWN ANCHORS SHALL BE TORQUED PER MANUFACTURERS REQUIREMENTS
- 8. INSTALL HOLD DOWNS 14 INCH MINIMUM ABOVE THE PLATE TO ALLOW FOR TIGHTENING ANCHOR BOLT. THE HOLD DOWN SHALL BE INSTALLED TIGHT TO THE POST WITHOUT FILLERS OR DAPPING. DO NOT BEND HOLD DOWN ANCHORS. HOLD DOWN HARDWARE SHALL BE IN PLACE PRIOR TO FOUNDATION INSPECTION. HOLD DOWN SHALL BE FINGER TIGHT AND 1/2 WRENCH TURN JUST PRIOR TO COVERING THE WALL FRAMING. UPPER FLOOR HOLD DOWNS SHALL BE CONTINUED TO THE FOUNDATION PER TYPICAL DETAILS.
- 9. ALL BOLTS IN WOOD SHALL BE A307 STANDARD BOLTS. HOLES SHALL NOT BE MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER.
- 10. DO NOT CUT, BORE, COUNTERSINK OR NOTCH WOOD MEMBERS EXCEPT WHERE SHOWN IN THE DETAILS.
- II. PROVIDE DOUBLE JOISTS BENEATH ALL PARALLEL WALLS. PROVIDE SOLID BLOCK BENEATH ALL WALLS PERPENDICULAR TO JOISTS.
- 12. JOISTS OR RAFTERS FRAMING FROM OPPOSITE SIDES OF BEAMS OR WALLS SHALL HAVE A LAP OF 4" OR MORE AND BE SPLICED WITH 4-16D NAILS, UNLESS NOTED OTHERWISE.
- 13. I-JOIST MEMBERS SHALL BE "TJI" JOISTS MANUFACTURED BY "WEYERHAEUSER" (ICC-ESR II53, L.A. RR 25538). EQUIVALENT I-JOISTS MANUFACTURED BY "ROSEBURG" WILL BE ALLOWED (ICC-ESR 1251, LARR 25439).
- 14. ENGINEERED LUMBER SHALL BE LVL (LAMINATED VENEER LUMBER BY REDBUILT ICC ESR 2993 OR ROSEBURG ICC ESR 1210 or BOISE CASCADE ICC ESR 1040) OR PSL (PARALLEL STRAND LUMBER BY WEYERHAEUSER ICC ESR 1387) U.N.O. A. E = 2,000 KSI MIN. (GRADE 2.0E MIN)
- B. Fb = 2,800 PSI MIN. C.  $F_V = 285 \text{ PSI MIN.}$
- 15. HOT DIP GALVANIZED FASTENERS SUCH AS BUT NOT LIMITED TO NAILS, SCREWS, BOLTS, THREADED ROD, ETC., SHALL BE USED WHEN IN CONTACT WITH PRESERVATIVE DEAD LOAD: OR FIRE RETARDANT TREATED LUMBER. EXCEPTION: PLAIN CARBON STEEL FASTENERS IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT SHALL BE PERMITTED.
- 16. FRAMING CLIPS TO COMPLY WITH (IAPMO ER 0112 2606, L.A. RR 25814). STRAPS TO COMPLY WITH (ICC-ESR 2105, L.A. RR 25713).
- 17. NARROW STEEL SHEAR PANELS SHALL BE INSTALLED PER THE MANUFACTURERS RECOMMENDATIONS AND CONFORM TO THE FOLLOWING: HARDY FRAMES (HFX): LARR#25759 SIMPSON STRONG WALLS (SSW): LARR#25625
- 18. WHERE WOOD MEMBERS ARE TO BE CONNECTED TO STEEL ELEMENTS, AS A MINIMUM PROVIDE 2x NAILERS W/ 15" IQ WELDED THREADED STUDS @ 24" O.C. IF THE THREADED STUDS NEED TO BE COUNTERSUNK FOR FINISH INSTALLATION, INSTALL 3x NAILERS.
- 19. GLUE BETWEEN WOOD STRUCTURAL PANELS AND WOOD FRAMING MEMBERS SHALL BE APPLIED TO REDUCE SQUEAKINESS OF OCCUPIABLE SPACES. GLUE SHALL CONFORM TO APA PERFORMANCE SPECIFICATION AFG-OI OR ASTM D3498. INSTALL AS DIRECTED PER APA FORM NO. Q300P.



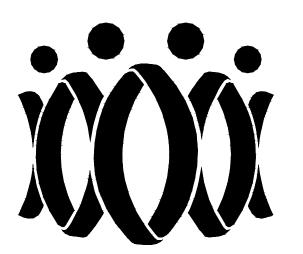
## GENERAL STRUCTURAL NOTES

- I. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION AND THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- 2. ALL PHASES OF WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE LATEST 2016 CALIFORNIA BUILDING CODE AND CITY OF MOORPARK ORDINANCES.
- 3. THE CONTRACT CONSTRUCTION DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE NOTED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMEN, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO: BRACING, ALL SHORING, FORMS, AND SCAFFOLDING.
- 4. OPENINGS, POCKETS, ETC. SHALL NOT BE PLACED IN SLABS BEAMS, COLUMNS, WALLS, ETC., UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.
- 5. ALL ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST REVISION.
- 6. CONTINUOUS INSPECTION BY A REGISTERED DEPUTY INSPECTOR APPROVED BY THE ARCHITECT AND/OR ENGINEER AND THE BUILDING DEPARTMENT SHALL BE EMPLOYED BY THE CONTRACTOR FOR THE FOLLOWING TYPES OF WORK:
- A. ALL CONCRETE WORK ABOVE GRADE INVOLVING CONCRETE STRENGTH
- GREATER THAN 2500 P.S.I. B. FOUNDATION CONCRETE INVOLVING CONCRETE STRENGTH GREATER THAN 2500
- C. ALL EPOXY & EXPANSION ANCHORS.
- D. ALL MASONRY GROUTING.
- E. SEE 2016 CBC SECTION 1704, 1706 AND 1707 FOR ADDITIONAL REQUIREMENTS.
- 7. IN THE EVENT THAT CERTAIN FEATURES OF CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE NOTES OR SPECIFICATIONS. NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY & WAIT FOR INSTRUCTIONS.
- 8. COST OF ADDITIONAL DESIGN WORK NECESSITATED BY SELECTION OF AN OPTION OR DUE TO ERRORS OR OMISSIONS IN CONSTRUCTION, SHALL BE BORN BY THE CONTRACTOR.
- 9. AS A CONVENIENCE TO THE CONTRACTOR, ENGINEER SHALL REVIEW REQUIRED SHOP DRAWINGS AS TO THERE GENERAL CONFORMANCE TO THE DESIGN CONCEPT. CONTRACTOR SHALL BE RESPONSIBLE, NONETHELESS, FOR COMPLIANCE AND DIMENSIONS AND SHALL SUBMIT SHOP DRAWINGS IF APPLICABLE, FOR THE FOLLOWING: A. STRUCTURAL STEEL AND TAPERED STEEL GIRDERS, INCLUDING ERECTION
  - BRACING B. SUCH OTHER ITEMS AS MAY BE REQUIRED ON PLANS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND COMPLIANCE CERTIFICATES TO THE BUILDING DEPARTMENT WHEN REQUIRED.
- IO. WHERE SOIL REPORT IS CITED, ITS REQUIREMENTS ADOPTED HEREIN. II. ALL MANUFACTURED PRODUCTS MUST BE INSTALLED PER MANUFACTURER'S
- RECOMMENDATION. 12. THE CONTRACTOR ACKNOWLEDGES AND UNDERSTANDS THAT THE CONTRACT DOCUMENTS MAY REPRESENT IMPERFECT DATA AND MAY CONTAIN ERRORS, OMISSIONS, CONFLICTS, INCONSISTENCIES, CODE VIOLATIONS AND IMPROPER USE OF MATERIALS. SUCH DEFICIENCIES WILL BE CORRECTED WHEN IDENTIFIED. THE CONTRACTOR AGREES TO CAREFULLY STUDY AND COMPARE THE INDIVIDUAL CONTRACT DOCUMENTS AND REPORT AT ONCE IN WRITING TO THE OWNER ANY DEFICIENCIES THE CONTRACTOR MAY DISCOVER. THE CONTRACTOR FURTHER AGREES
- TO REQUIRE EACH SUBCONTRACTOR TO LIKEWISE STUDY THE DOCUMENTS AND TO REPORT AT ONCE ANY DEFICIENCIES DISCOVERED. THE CONTRACTOR SHALL RESOLVE ALL REPORTED DEFICIENCIES WITH CONSULTANT PRIOR TO AWARDING ANY SUBCONTRACTS OR STARTING ANY WORK WITH THE CONTRACTOR'S OWN EMPLOYEES IF THE CONTRACTOR WITHOUT ADDITIONAL TIME OR ADDITIONAL EXPENSE CANNOT RESOLVE ANY DEFICIENCIES, THE CONTRACTOR SHALL SO INFORM THE OWNER IN WRITING. ANY WORK PERFORMED PRIOR TO RECEIPT OF INSTRUCTIONS FROM THE
- OWNER WILL BE DONE AT THE CONTRACTOR'S RISK. 13. OPTIONS, IF PROVIDED HEREIN, ARE FOR CONTRACTOR'S CONVENIENCE. HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY, SHALL COORDINATE ALL DETAILS, AND
- SHALL OBTAIN ALL REQUIRED APPROVALS. 14. ALL WORK SHALL CONFORM TO THE 2016 CALIFORNIA BUILDING CODE (2016 CBC).

## DESIGN LOADS

DESIGN IS BASED ON 2016 CALIFORNIA BUILDING CODE (2016 CBC).

ROOF LOADS:



FLEWELLING & MOOD' architecture planning interiors

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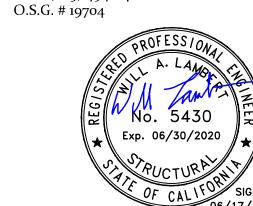
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All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract. These plans & the specifications in connection therewith have been prepared for a specific site. Any and all responsibility for their use in whole or in part on any other site is hereby disclaimed by Flewelling & Moody.

OXNARD UNION HIGH SCHOOL DISTRICT CHANNEL ISLANDS HIGH SCHOOL BUILDING B AND C

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