TOKAY HIGH SCHOOL POOL RENOVATION 1305 E. VINE STREET LODI, CA 95240



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STATEMENT OF GENERAL CONFORMANCE

Ø2-121479

THE DRAWINGS OR SHEETS LISTED ON THE SHEET INDEX ON THIS SHEET, EXCEPT THOSE SHEETS LISTED UNDER THE "GENERAL" AND "ARCHITECTURAL" HEADING, HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE DRAWINGS IN THIS STATE. IT HAS

DESIGN INTENT AND APPEARS TO MEET APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND COORDINATION WITH THE PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF

HE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND EDUCATION CODE AND SECTION 4-336, 4-341, AND 4-344" OF TITLE

28 JULY 2023 DATE

31 DEC 2*0*25 EXPIRATION DATE SCOPE OF WORK

- EXISTING POOL RE-PLASTER, DECK ∉ POOL PIPING REPLACEMENT, NEW SURGE TANK & MECHANICAL EQUIPMENT
- REHABILITATION OF BUILDING Q

SITE MAP



	MASONRY OPENING	ST
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	ROOF DRAIN	VB
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	REFLECT (ED, IVE)	W/O
	RIGHT HAND	WC
	ROOM	WD
	ROUGH OPENING	WD
	ROOF RAFTER	WH
	SOUTH	WH
	STARTING BLOCK	WP
	SOLID CORE	
	SCHEDULE	WP
	STORM DRAIN	WPT
	SHEET	WT
	SIMILAR	WWF
	SQUARE	
	STAINLESS STEEL	

STN STL STAINLESS STEEL

STEEL STANDARD STRUCTURAL SUSPENDED SYMMETRY (ICAL) TREAD TOWEL BAR TOP AND BOTTOM TONGUE & GROOVE TELEPHONE THICK (NESS) THRESHOLD TOP OF CURB (CONCRETE) TOP OF MASONRY TOP OF WALL TOILET PAPER HOLDER TOILET PAPER DISPENSER TOILET TISSUE DISP. TELEVISION TYPICAL UNDERCUT UNDERWATER LIGHT UNLESS OTHERWISE NOTED URINAL VAPOR BARRIER VINYL BASE VERTICAL VINYL TILE WEST WITH WITHOUT WATER CLOSET WIDTH, WIDE WOOD WALL HUNG WATER HEATER WATER POLO (POOL ONLY) WATER PROOFING WORKING POINT WARNING TILE WELDED WIRE FABRIC

SYMBOLS

	TRUE NORTH
	PROJECT NORTH
	SECTION NUMBER (TYP) CROSS SECTION REFERENCE
9P9-X	SHEET ON WHICH SECTION IS FOUND
5P9-X	ELEVATION NUMBER (TYP) ELEVATION REFERENCE
Υ.	SHEET ON WHICH ELEVATION 15 FOUND
	ELEVATION NUMBER (TYP) WALL TYPE INDICATOR
6P9-X	SHEET ON WHICH ELEVATION IS FOUND
XK	DETAIL NUMBER (TYP) DETAIL REFERENCE
5P9-X	SHEET ON WHICH DETAIL IS FOUND (TYP)
2 DRAWI	NG TITLE REFERENCE
∠	SCALE OF DRAWING
2	KEY NOTE REFERENCE
•	REFERENCE ELEVATION
2	DELTA REVISION

	CONSULTANTS	INDEX
	DISTRICT:ARCHITECT/AQUATICS:LODI UNIFIEDARCH PAC, INC.SCHOOL DISTRICT2011 PALOMAR AIRPORT ROADI305 E. VINE ST.SUITE 101LODI, CA 95240CARLSBAD, CA 92011805 T69 1000T60-134-1600GETRUCTURAL:GREG RICHARDS S.E.1450 HARBOR BLVD. SUITE FGEOTECH:WEST SACRAMENTO, CA 95691902 INDUSTRIAL WAY916 229 8345209 361 3101	GENERAL: SPØ-1 COVER SHEET, INDEX & ABBREV. SPØ-2 GENERAL NOTES & CODE ANALYSIS SPØ-3 CAMPUS PLAN SPI-1 SITE PLAN & DEMO AQUATICS: SP2-1 SP2-2 SWIMMING POOL PLAN SP2-2 SWIMMING POOL DECK PLAN SP3-1 SWIMMING POOL DECK PLAN SP3-1 SWIMMING POOL DECK PLAN SP3-1 SWIMMING POOL SECTIONS SP3-2 SWIMMING POOL DETAILS SP3-3 SWIMMING POOL DETAILS SP3-4 SWIMMING POOL DETAILS SP3-5 SWIMMING POOL DETAILS SP3-6 SWIMMING POOL DETAILS
	DEFERRED APPROVAL	- SP9-8 SWIMMING POOL DETAILS SPM2-0 MECHANICAL ROOM DEMO PLAN
	NONE	SPM2-1 MECHANICAL ROOM EQUIPMENT LATOUT SPM9-1 MECHANICAL ROOM DETAILS SPM9-2 MECHANICAL ROOM DETAILS SPM9-3 MECHANICAL ROOM DETAILS SPM9-4 MECHANICAL ROOM DETAILS STRUCTURAL: STRUCTURAL NOTES & TYPICAL DETAILS
	BUILDING CODES & STANDARDS	S2-1 Building Plans & Sections S2-2 ROOF FRAMING PLAN & SECTION S3-1 SECTIONS & WALL LINE ELEVATIONS 64-1 DETAILS
	 HE BASIS OF THE REVIEW IS THE FOLLOWING CODES: 2022 CALIFORNIA ADMINISTRATION CODE (CAC), CCR 24, PART - 1 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE (IBC), VOL. 1 4 2, AND 2022 CALIFORNIA AMENDMENTS) 2021 MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS) 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 IAPMO UNIFORM PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 IAPMO UNIFORM PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2023 NATIONAL ELECTRICAL CODE (CEC), PART 6, TITLE 24 CCR (2023 NATIONAL ELECTRICAL CODE (CEC), PART 6, TITLE 24 CCR (2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 6, TITLE 24 CCR (2022 FIRE CODE (CFC), PART 9, TITLE 24 CCR (2022 FIRE CODE (CFC), PART 9, TITLE 24 CCR (2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 6, TITLE 24 CCR (2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR 9, CITY AND ORDINANCES 4 MUNICIPAL CODE 2022 CALIFORNIA REFERENCE STANDARDS CODE, PART 12, TITLE 24 CCR 9, CITY AND ORDINANCES 4 MUNICIPAL CODE 2022 CALIFORNIA REFERENCE STANDARDS CODE, PART 12, TITLE 24 CCR 11. TITLE 19 CCR, PUBLIC SAFETY AND STARE FIRE MARSHAL REGULATIONS 12. 2019 ASME ATTUCES 4 MUNICIPAL CODE FOR ELEVATIONS AND ESCALATORS 30. CBC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION 2019 ASME ATTUCES AFETY DURING CONSTRUCTION AND DEMOLITION SUMMING POOL, SPA AND HOT TUB CODE 2022 NATIONAL FIRE ALARM AND SIGNALING CODE NFPA 12 2022 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES NFPA 80 2022 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES NFPA 80 2022 STANDARD FOR SIGNALING DEVICES FOR FIRE PROTECTIVE SIGNALING STETEMS UL 521 2022 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED UL 19T1 20. COMPLETE LIST SEE 2022 CBC (SFM) CH, 35 4 CFC CH, 80 - SEE CPC CH, 35 FOR CA AMMENDMENTS 	SHEET COUNT: 28
	DSA NOTES	IR EB-1 & IR N-3
1. 2. 3. 4. 5.	A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OUNER) AND APPROVED BY THE ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART I, TITLE 24, C.C.R CLASS II CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CCD APPROVED BY THE DIVISION OF STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART I, TITLE 24, C.C.R CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4-338, PART I, CAC, AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION IR A-6. COMPLETE FIRE ALARM SYSTEM INCLUDED IN WORK SCOPE. THE INTENT OF THESE DRAWINGS AND SPECIFICATION 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 CONDITION SUCH AS DETERIORATION OR NON COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENT WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATION, CCD, OR A SEPARATE SET OF PLANS 4 SPECIFICATION, DETAILING AND SPECIFING THE REQUIRED WORK, SHALL BE SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.	 REGARDING CERTIFICATION OF THE POOL BUILDING: IR EB-1: FOR LOCATIONS OF FIRE HYDRANTS AND FIRE LANE, REFER TO SHEET SP-Ø3. THE ROOM IS 223.4 SF., IS B-2 OCCUPANCY, WITH A CONSTRUCTION TYPE OF V-NR, AND HAS DOORS THAT ARE NON-RATED. THERE IS NO FIRE AREA. IR N-3: THE ADDITION TO THE POOL BUILDING (UNCERTIFIED, 1929) IS LESS THAN 2000 SQUARE FEET AND IS EXEMPT FROM THE REQUIREMENT OF ENERGY CODE SECTION 110.10 PER SECTION 12.1 OF IR N-3.
1		
1. 2. 3. 4. 5. 6. 7. 8. 9.	A COPT OF PART LAND 2, TITLE 24, C.C.R. SHALL BE KEPT ON THE SITE AT ALL TIMES. ALL TEST TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED TESTS AND INSPECTION SHEET. TEST OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY LABORATORY. COST OF RE-TEST SHALL BE PER GENERAL CONDITIONS. DSA SHALL BE NOTIFIED AT THE START OF CONTRUCTION AND PRIOR TO THE PLACEMENTOF CONCRETE PER SECTION 4-331, PART 1, TITLE 24 A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24. CONTRACTOR INSPECTOR, ARCHITECT, AND ENGINEER SHALL SUBMIT VERIFIED REPORTS. (FORM \$95-6) IN ACCORDANCE WITH SECTION 4-333 (A) AND 4-341, PART 1, TITLE 24. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE IN ACCORDANCE WITH SECTION 4-333 (A) AND 4-341, PART 1, TITLE 24. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH	
10.	SECTIONS 4-336 AND 4-343 PART I TITLE 24. CONSTRUCTION OVERSIGHT BY THE PROJECT INSPECTOR, TESTING LABORATORY ENGINEERING MANAGER, GEOTECHNICAL ENGINEER AND THE PROJECT DESIGN CONSULTANTS SHALL BE IN ACCORDANCE WITH PART I CAC AND DSA PROCEDURE 13-01.	

11. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

2. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.





CHEMICAL	ALLOWABLE QUANTITIES CBC 414.2.5 (1)
CALCIUM HYPOCHLORITE	1,800 LBS
HYDROCHLORIC ACID 10% DILUTE.	975 GALLONS
CO2	9,750 LBS
703.1.4 DOES NOT APPLY IF (QUANTITIES

GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO CBC 2022 EDITION AND ALL AMENDMENTS THERETO BY THE LOCAL AUTHORITIES. ESPECIALLY CBC AMENDMENTS.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK, AND SHALL NOTIFY ARCHITECT THROUGH THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
- 3. VERIFY EXACT LOCATIONS AND SIZES OF HOLES IN FLOOR, AND ROOF FOR PLUMBING, HVAC, AND ELECTRICAL WITH RESPECTIVE CONTRACTORS AND SUB-CONTRACTORS. 4. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR
- ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.
- 5. THE UNDERGROUND SERVICES AND UTILITIES SHOWN ON THE DRAWINGS REFLECT BEST AVAILABLE INFORMATION, HOWEVER, EXACT LOCATIONS FOR EACH SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. BEFORE EXCAVATING, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO LOCATE AND PROTECT ANY UNDERGROUND OR CONCEALED CONDUIT PLUMBING, OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED.
- 6. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SCHEDULING, COORDINATION MEANS AND METHODS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN CONSTRUCTION AND MAINTENANCE OF ALL SAFETY DEVICES INCLUDING SHORING AND BRACING. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH CURRENT FEDERAL . STATE AND LOCAL SAFETY AND HEALTH STANDARDS, LAWS, ORDINANCES AND REGULATIONS.
- 8. IN GENERAL, FLOOR DRAINS SHOWN ON DRAWINGS SHALL BE SET AT (-O'-|") RELATIVE TO THE BUILDING FINISH ELEVATION UNLESS OTHERWISE NOTED ON DRAWINGS.
- 9. ALL FLOORS IN TOILETS SHALL HAVE POSITIVE SLOPE TO DRAINS. 10. VERIFY LOCATION, AREAS AND DEPTH OF DEPRESSED
- STRUCTURAL CONCRETE SLABS FOR FLOOR FINISH MATERIAL(S). SEE ROOM FINISH SCHEDULE. 11. PROVIDE WALL REINFORCING FOR EQUIPMENT SUPPORTS WHERE
- REQUIRED FOR EQUIPMENT BACKING. U.O.N. 12. FOR CLARITY, THERMAL INSULATION HAS NOT GENERALLY BEEN
- SHOWN ON PLANS AND DETAILS. REFER TO SPECIFICATIONS FOR R-VALUES IN WALLS AND ROOF. 13. PAINTING: CONTRACTOR SHALL VERIFY PAINT LOCATIONS AND
- COLORS OF PAINTS AND STAINS WITH ARCHITECT BEFORE APPLICATION.
- 14. ICC REPORT NUMBERS WHERE SHOWN ON DRAWINGS AND IN THE SPECIFICATIONS ARE SHOWN ONLY TO INDICATE THE REQUIREMENTS BY THE LOCAL BUILDING DEPARTMENT. OTHER PRODUCTS WITH APPROVED ICC REPORT NUMBERS MAY BE USED IF SUBMITTED TO AND APPROVED BY DSA PRIOR TO INSTALLATION.
- 15. DUST CONTROL SHALL BE REQUIRED TO CONTROL DUST. NOISE AND OTHER TYPICAL ENVIRONMENTAL IMPACTS THROUGHOUT THE CONTRACT DURATION. DUST GENERATED ON THE PROJECT SITE SHALL BE CONTROLLED
- BY WATERING ALL EXPOSED AREAS AT LEAST TWICE DAILY OR AS REQD. DURING EXCAVATION, AND ESPECIALLY DURING CLEARING AND GRADING OPERATIONS. ADDITIONAL WATERING ON WINDY OR HOT DAYS IS REQUIRED TO REDUCE DUST EMISSIONS. COVER STOCKPILES OF SAND, SOIL, AND SIMILAR MATERIALS WITH A TARP. COVER TRUCKS HAULING DIRT OR DEBRIS TO AVOID SPILLAGE. A PERSON SHALL BE DESIGNATED TO OVERSEE THE IMPLEMENTATION OF DUST CONTROL.
- 17. CONSTRUCTION HOURS WILL BE LIMITED, SEE SPECIFICATIONS. 18. REFER TO PRIOR TO FOUNDATION INSPECTION: SOILS ENGINEER TO PREPARE REPORT CONFIRMING THAT THE BUILDING PAD WAS PREPARED AND COMPACTED IN ACCORDANCE WITH THE SOIL REPORT RECOMMENDATION. AND THAT THE FOUNDATION EXCAVATION DEPTH AND BACK-FILL MATERIALS ARE IN GENERAL CONFORMANCE WITH THE SOIL REPORT AND APPROVED PLANS CONTRACTOR TO PROVIDE TIME IN SCHEDULE FOR TESTING AND REPORTS TO BE ACCOMPLISHED WITHIN CONSTRUCTION SCHEDULE.
- 19. REFER TO SOIL REPORT. PRIOR TO FINAL BUILDING INSPECTION, THE SOILS ENGINEER SHALL ISSUE A FINAL REPORT STATING THE COMPLETED PAD, FOUNDATION, FINISH GRADING, DRAINAGE AND ASSOCIATED SITE WORK ARE IN GENERAL CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND INVESTIGATION. CONTRACTOR SHOULD PROVIDE TIME IN SCHEDULE FOR TESTING AND REPORTS TO BE ACCOMPLISHED WITHIN CONSTRUCTION SCHEDULE.
- 20. PRIOR TO FINAL INSPECTION, A CALIFORNIA STRUCTURAL ENGINEER PROVIDED BY THE CONTRACTOR, SHALL ISSUE A FINAL REPORT STATING THAT COMPLETED BUILDING STRUCTURE SUBSTANTIALLY CONFORMS TO THE APPROVED PLANS AND SPECIFICATIONS AND SUBMIT SIGNED "STRUCTURAL OBSERVATION AGREEMENT" TO THE CLIENT.
- 21. CARE MUST BE TAKEN BY ALL TRADES TO COORDINATE LOCATIONS OF UNDERGROUND PIPING AND CONDUITS TO ASSURE NO CONFLICTS. ALL PIPING SHOWN HEREIN IS DIAGRAMMATIC IN NATURE UNLESS OTHERWISE NOTED.
- 22. TEMPORARY FENCING AND CONTRACTOR STAGING AREA TO BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL. 23. ALL PLUMBING PENETRATION THRU WALLS WHICH REQUIRE
- PROTECTED OPENINGS (FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS) ARE REQUIRED TO BE GALVANIZED OR CAST IRON PIPING. TO PROTECT AGAINST RODENT PASSAGE.
- 24. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECS, AND ENGINEERING CALCS FOR THE ACTUAL SYSTEMS TO BE INSTALLS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA.

	ARE	ACALC	
K			
	— AREA ()E (F) ME()H	HANICAL ROOM (GOUTH FLEVATION) BL	DG "0"
	BUILDING "Q" (85'-9 ODENINGS (21 SE)	9 1/2" X 13'-7 1/2") = 1,169 SF	20. Q
		(1 +) = 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	

SEPARATION BETWEEN (E) BLDG. "N" AND (E) MECHANICAL ROOM "Q" IS 36'-0" USING THE MOST RESTRICTIVE UNPROTECTED / NONSPRINKLERED PER TABLE 705.8.

	ZONING - GENERAL REQUIREMENTS
1	THE CONSTRUCTION SHALL NOT
	RESTRICT A FIVE-FOOT CLEAR AND
	OBSTRUCTED ACCESS TO ANY WATER
	OR POWER DISTRIBUTION FACILITIES
	(POWER POLES, PULL-BOXES,
	TRANSFORMERS, VAULTS, PUMPS,
	VALVES, METERS, APPURTENANCES,
	ETC.) OR TO THE LOCATION OF THE
	HOOK-UP. THE CONSTRUCTION SHALL
	NOT BE WITHIN TEN FEET OF ANY
	POWER LINES-WHETHER OR NOT BE
	WITHIN TEN FEET OF ANY POWER LINES-
	WHETHER OR NOT THE LINES ARE
	LOCATED ON THE PROPERTY. FAILURE
	TO COMPLY MAY CAUSE CONSTRUCTION
	ELATS AND/OR ADDITIONAL Exdenigeg
2	AN ADDROVED SEISMIC GAS SHI ITOEE
Ζ.	WILL BE INSTALLED ON THE FLIEL GAS
	LINE ON THE DOWN STREAM SIDE OF
	THE UTILITY METER ND BE RIGIDLY
	CONNECTED TO THE EXTERIOR OF THE
	BUILDING OR STRUCTURE CONTAINING
	THE FUEL GAS PIPING." (PER
	ORDINANCE 170,158) (INCLUDES
	COMMERCIAL ADDITIONS AND TI WORK
	OVER \$10,000.) SEPARATE PLUMBING
	PERMIT IS REQUIRED.
З.	ULTRA FLUSH WATER CLOSETS FOR ALL
	NEW CONSTRUCTION WILL BE
	PROVIDED. EXISTING SHOWER HEADS
	AND TOILETS MUST BE ADAPTED FOR
	LOW WATER CONSUMPTION.
4.	A COPY OF THE EVALUATION REPORT
	AND/OK CONDITIONS OF LISTING SHALL
	BE MADE AVAILABLE AT THE JOB SITE.

ASSISTED LISTENING DEVICE

QUANTITY	FACTOR	UNITS REQUIRED CBC 11B-219
(3) TIP AND ROLL BLEACHERS @30 PERSONS EA.	80 PERSONS X 4%	3.2 UNITS 4 PROVIDED

PROVIDE 2 HEARING AID COMPATIBLE DEVICES. SEE DETAIL 5/SP9-4 FOR SIGN

PROJECT ACCESSIBILITY NOTES

- 1. ALL SANITARY FACILITIES AND DRINKING FOUNTAINS SHALL BE ACCESSIBLE TO THE PHYSICALLY DISABLED. 2. ALL PRIMARY ENTRANCES & EXITS TO BUILDINGS SHALL BE
- ACCESSIBLE. 3. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR 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. FIRE DOORS ARE NOT TO EXCEED 15 POUNDS. 4. THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHT AT 1:2 MAXIMUM
- SLOPE. 5. FLUSH CONTROLS SHALL BE AUTOMATIC/ MANUAL AND SHALL BE
- MOUNTED 36 INCHES ABOVE THE FLOOR. 6. WATER CLOSETS SHALL HAVE FLUSH CONTROL OSCILLATING LEVEL HANDLE MAXIMUM OPERATING FORCE NOT TO EXCEED 5 POUNDS.
- 7. AT WATER CLOSETS, VALVE HANDLES SHALL BE ON THE WIDE SIDE OF THE ACCESSIBLE STALLS. 8. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29 INCHES FROM FLOOR TO THE BOTTOM OF THE APRON AND 8 INCHES FROM THE BOTTOM EDGE OF THE APRON TO ANY OBSTRUCTION, WITH KNEE CLEARANCE UNDER THE FRONT LIP
- EXTENDING A MINIMUM OF 17 INCHES DEEP FRONT OF THE LAVATORY. 9. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
- 10. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE AUTOMATIC AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE SHALL BE NO GREATER THAN FIVE POUNDS.
- 11. ALL WALKS AND SIDEWALKS ACCESSIBLE TO THE DISABLED SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/4-INCH VERTICAL, AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH.
- 12. SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM BROOM FINISH.
- 13. SURFACE CROSS SLOPES SHALL NOT EXCEED 2% PER FOOT IN ANY DIRECTION.
- 14. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2-INCH IN THE DIRECTION OF TRAFFIC FLOW.
- 15. ALL WALKS OR AREAS ADJACENT TO EACH ENTRY DOOR SHALL HAVE A LEVEL AREA NOT LESS THAN 60" X 60" WITH AT LEAST 24" WIDE LEVEL AREA EXTENDING TO THE STRIKE SIDE OF THE DOOR.
- 16. EXTERIOR ACCESSIBILITY SIGNS: SEE "IDENTIFYING DEVICES", IN THE SPECIFICATIONS. 17. ALL FACILITIES SHALL BE ACCESSIBLE FOR PHYSICALLY
- DISABLED PER CCR (CAC) TITLE 24.

RESTROOM NOTES

- 1. SHOWERS AND LAVATORIES SHALL BE PROVIDED W/ HOT AND COLD RUNNING WATER. HOT WATER TEMP SHALL BE LIMITED TO A MAX. OF 110F, BY TEMPERATURE CONTROLLER NOT ADJUSTABLE BY BATHERS
- 2. SHOWER AND LAVATORY WALLS TO BE A SMOOTH, WASHABLE, MOISTURE-RESISTANT FINISH.
- 3. RESTROOM FLOORS TO BE SLIP RESISTANT W/ A INTEGRAL 6" BASE & A MIN. {" COVED RADIUS.
- 4. SHOWER FLOORS TO BE SLIP RESISTANT W/ A INTEGRAL 6" BASE & A MIN. (" COVED RADIUS.

		С	ODE ANAL`	YSIS EXISTING MECH DSA # 402	IANICAL BUILDING 213 - APR 1977	
	EXISTING AREA	GROUP OCCUPANCY	CONSTRUCTION TYPE	"TABLE 503 ALLOWED BLDG. AREA	NOTE	ES:
SINGLE STORY						
TOTAL BUILDING:	2,387 S.F.	MIXED	TYPE V-B	9,000 S.F.	NON-SEPARATED OCCUPANCIES PER	R 508.3.
AREA INCREASE PER 504.2 SPRINKLERS	NA	-	TYPE V-B	NA	NO SPR	RINKLERS
AREA INCREASE PER 506.2.1 FRONTAGE	PERIMETER 3	18.64' X 20'-0" 9	BETBACK=1.5	4,500	NOT UTILIZED	
TOTAL BUILDING: ALLOWED W/ INCREASE:	30% OF AL	OWED		13,500		
	SEPARATION					
BUILDING AREA SEPARATIONS:						
S1 - S1	1-HR	PROVIDED	PER TABLE 509	SEPARATION BASED ON 1	NATURAL GAS FIRED HEATER SIZE	
MECHANICAL ROOM	1,818 S.F.	S-1	TYPE V-B			
STORAGE	424 S.F.	S-1	TYPE V-B			
CHEMICAL STORAGE	145 S.F.	S-1	TYPE V-B			
	2,387 S.F.	S-1	TYPE V-B	9,000 S.F.		
BUILDING TOTAL OCCUPANTS	2,387 S.F.	1/300 SF	8			
POOL	12,652 S.F.	50	253			
POOL DECK	21,340 S.F.	15	1,422	-	LHES OK 27.9 FT KEQUIKED	26'-2"
POOL TOTAL OCCUPANTS		1	1,676	GATES EXISTING TO REI TOTAL 32'-0" NET EXITIN	MAIN (4) PAIR OF 4'-0" WIDE GATES (8'- G WIDTH (SEE DETAIL 8/SP9-4)	O" WIDE PAIRED)





DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT

DEPARTMENT OF GENERAL SERVICES

Page 1 of 4 STATE OF CALIFORNIA DGS DSA 810 (revised DIVISION OF THE STA

IS AND METHODS RESOLUTION	ALTER	NATE AC	CEPTE	D
ehicle access roadways do not meet CFC requirements.	Yes	No	N/A	N/R
Alternate: Emergency vehicle and personnel access as proposed tarchitect is acceptable for providing fire suppression and life and property.				
s: Number and spacing does not meet CFC requirements.			>	
Alternate: Number of fire hydrants and spacing as proposed by chitect is acceptable for fire suppression and protection of life and				
s: Water flow and pressure are less than CFC minimum.			>	
Alternate: The available flow and pressure is acceptable for suppression and protection of life and property.				
re department connection(s) serving fire sprinkler systems or stems does not meet CFC requirements.			1	
Alternate: The location of fire department connection serving the system and/or standpipe system is acceptable for providing fire and property.				
unter an fill an antable Davier Alternation				

		Date:		
HORITY (LFA) INFORMA	TION			
l:				
	a	Work Phone:		
nature:		Date:		
d 12/29/20) ATE ARCHITECT	DEPARTMENT OF GENERAL	SERVICES	Page 2 of 4 STATE OF CALIFORNIA	

	CAM		_DING L
BLDG.	EXISTING NEW	APPL. #	NAME/USE
С	EXISTING	38091 02-106408	CLASSROOM
D	EXISTING	38091 02-106408	MATHEMATIC
Е	EXISTING	38091 02-106408	BUSINESS
F	EXISTING	38091 02-106408	SOC. SCIENC
G	EXISTING	38091 02-106408	ENGLISH
Н	EXISTING	38091 02-106408	INDUST. ART
J	EXISTING	38091 02-106408	HOME EC.
K	EXISTING	38091 02-100346	PERF. ARTS
L	EXISTING	38091 02-100346	ADMIN.
Μ	EXISTING	38091 02-106408	CAFETERIA
Ν	EXISTING	38091 02-106408	GYMNASIUM
Ο	EXISTING	38091 02-106408	LIBRARY
Q	EXISTING	115230	MECH ROOM
R	EXISTING	NON-DSA	CONCESSIO
S	EXISTING	02-109521	SCIENCE
SC 7	EXISTING	45939	CLASSROOM
SC 8	EXISTING	100346	CLASSROOM
19-28	EXISTING		RELOCATAB CLASSROOM
T1	EXISTING	02-117806	CLASSROOM
T2	EXISTING	02-117806	CLASSROOM
U	EXISTING	02-117806	GYM
	EXISTING	02-106408	PARKING

CODE ANALYSIS

SEE AO-2

PARKING CALCULATION

PARKING LOT #1:	
NUMBER OF SPACES	290
ACCESSIBLE PARKING REQD	7
ACCESSIBLE PARKING PROVD	8
PARKING LOT #2:	
PARKING LOT #2: NUMBER OF SPACES	180
PARKING LOT #2: NUMBER OF SPACES ACCESSIBLE PARKING REQD	180 6
PARKING LOT #2: NUMBER OF SPACES ACCESSIBLE PARKING REQD ACCESSIBLE PARKING PROVD	180 6 6







\rightarrow $($	
\rightarrow $()$	
\rightarrow	
(E) SLIDING GATE 24'-6"	
(E) CONC. WALK WITH CURB	N BATHHOUSE
	GYM (E) 39019 39-H4 FIN. FLR. = 38.5
R ROOM (E)	
S 41-30-0	
MECH RM (E) 2,387 SF SEE SPM2-1 40217 39-H4	
FIN. FLR. = 38.33	
PUMP PIT	
+/- 39'-3"	+/- 72'-6"
	(E) GATE 3'-6"
$ \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1$	
SWIMMING POOL (EXISTING)	
167'-3 1/2"	-3 TYP. +/- 24'-0" 7
FIN. FLR. = 38.0 FT. (E) RETENTION WALL TO REMAIN WITH	GUARDRAIL (3'-0" HT. DECK TO WALK) W/ 40" GUARDRAIL ON 4" CURB.
(E) EARTH BERM - USED BY SPECTATORS	(E) RAMPITO REMAIN W/ HANDRAILS Y SLOPE 1/12 FIN. FLR. = 38.000
$\rightarrow \qquad \rightarrow \qquad (E) \text{ SPORTS LIGHTS} \rightarrow \qquad (E) \text{ SPORTS LIGHTS} \rightarrow \qquad (E) \text{ SPORTS} \text{ SPORTS} \rightarrow \qquad (E) \text{ SPORTS} \rightarrow \qquad (E) \text{ SPORTS} \text{ SPORTS} \rightarrow \qquad (E) SP$	$\left[\begin{array}{cccccccccccccccccccccccccccccccccccc$
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KEY NOTES

- 1. REMOVE EXISTING POOL DECK WITH ABC.
- DEMO CANTILEVER & GUTTER. SEE 1/SP9-1.
 REMOVE EXISTING GUTTER OUTLETS.
- 4. REMOVE EXISTING DEPTH & WARNING MARKERS.
- REMOVE EXISTING FLOOR INLETS (PIPING TO REMAIN) & REPAIR POOL FLOOR.
 REMOVE EXISTING POOL PLASTER & TILE, REPAIR POOL SHELL CRACK, RUST SPOTS, ETC.
- SEE 2\$3/SP9-4.
- MAIN DRAINS & PIPING TO P.O.C. TO BE REMOVED.
 STORM DRAIN REMOVED IN EXISTING POOL DECK.
- 8. STURI I DRAIN RELIVIED IN EXISTING POUL DECK
- 9. (E) D.E. TANK TO BE REMOVED AND REPLACED WITH SURGE TANK & PUMP PIT.
 10. REMOVE EXISTING POOL LIGHTS AND PREPARE FOR REPLACEMENT WITH NEW L.E.D. UNDERWATER LIGHTS AND REPLACE DAMAGED CONDUIT, J-BOXES, NICHES & WIRE.
- REMOVE EXISTING DIVING BOARD, STORE, PROTECT AND REINSTALL.
 (E) FLOATING WATER POLO GOAL REPLACE STANCHION REUSE GOAL.

GENERAL NOTES

- A. ENSURE ALL METAL COMPONENTS REMAIN BONDED.
- B. CONTRACTOR TO VERIFY POOL DIMENSIONS AFTER REMOVAL OF TILE, REPORT TO ARCHITECT TO ENSURE & CERTIFY COMPETITIVE LENGTHS
- C. UTILITIES: THE EXISTING & APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE ARCHITECT ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR
- SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, & FOR ANY DAMAGE OR PROTECTION TO THESE LINES. LOCATE
- UTILITIES BEFORE DIGGING. D. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DAMAGE TO EXISTING HARDSCAPE IMPROVEMENTS, & UTILITIES
- THAT ARE TO REMAIN. E. ALL EXISTING OBJECTIONABLE MATERIALS THAT CONFLICT W/ PROPOSED IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, UTILITIES & APPURTENANCES, TREES, SIGNS, & STRUCTURES, ETC. SHALL BE REMOVED & DISPOSED BY THE CONTRACTOR @ NO ADDITIONAL COST TO
- THE OWNER, UNLESS OTHERWISE INDICATED HEREIN, OR AS DIRECTED. F. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONCRETE FROM DAMAGE, CONCRETE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED & REPLACED AT NO COST TO THE DISTRICT. EXISTING CONCRETE IDENTIFIED AS NEEDING TO BE REPLACED SHALL BE BROUGHT TO THE ATTENTION OF THE DISTRICT PRIOR TO THE COMMENCEMENT OF WORK.
- G. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE & DETERMINE THE EXTENT OF DEMOLITION BASED ON THE PROPOSED
- IMPROVEMENTS SHOWN HEREIN AND TO VERIFY ALL DIMENSIONS HEREIN.
 H. ANY DAMAGED ITEMS REQUIRING DEMO OR REPAIR NOT IDENTIFIED IN THIS DOCUMENT SHOULD BE BROUGHT TO THE ATTENTION OF THE DISTRICT FOR CONSIDERATION.
- REMOVE AND STORE (PROTECT) FOR FUTURE USE POOL DECK EQUIPMENT TO INCLUDE: POOL COVERS & REELS, LANE LINES & REELS, STARTING BLOCK & BANNERS, AND WATER POLO GOALS.
- J. DOMESTIC WATER P.O.C. W/ DEDICATED RPBFP FOR POOL WATER & OTHER FOR D.C.W

LEGEND

PRESERVE EXISTING STORM CONNECTION AND RECONNECT AFTER DEMOLITION. K. IF ELECTRICAL CONDUIT IS IN POOL DECKING, IT WILL REQUIRED REPLACMENT ALONG WITH BONDING AND REWIRING OF UNDERWATER LIGHTS & DECK LIGHTS WILL BE REQ.D

POOL DECK TO BE REMOVED ALSO REMOVE 12" OF A.B.C. WILL BE REPLACED WITH NEW



MOVEABLE BULKHEAD CRANE REQURED FOR REMOVAL & STORAGE & REPLACEMENT STARK BULKHEAD TO BE RETURNED TO MANUFACTURER AND REFURBISHED



SAW CUT REMOVE & REPLACE EXISTING MAIN DRAINS WITH NEW EPOXY TIE NEW REBAR DOWELS INTO EXISTING POOL BOTTOM AND REPLACE POOL BOTTOM AROUND NEW MAIN DRAINS



REMOVE ALL EXISTING POOL PLASTER & TILE AND PREPARE BOTTOM OF CONCRETE POOL VESSEL TO RECEIVE NEW PLASTER & TILE.

SITE PLAN WITH DEMOLITION









POOL PLAN



KEY NOTES

- 1. WHITE PLASTER, TYP.
- MOVEABLE BULKHEAD, REMOVE, REFURBISH & REPLACE
 6X6 TILE- "NO RUNNING", "NO DIVING", & DEPTH MARKER
- TILES TO BE 2'-0" FROM POOL EDGE, SEE 4/SP9-3.
- 4. NCAA RACE LANES, SEE 2\$3/SP9-3.
- 5. FLOOR INLETS WHITE IN COLOR. SEE 7\$8/SP9-3. 6. ONE-METER DIVING ROARD WITH DECK STANCHION
- ONE-METER DIVING BOARD WITH DECK STANCHIONS. STANCHIONS ONLY FOR FUTURE APPARATUS. EXISTING APPARATUS TO BE TO BE REPLACED WITH NEW STAND & BOARD.
 UNDERWATER LIGHTS - REPLACE WITH NEW LED 500 LUMEN
- FIXTURES COORD CORD LENGTH 8. NET TO BE HUNG FROM BACKSTROKE POLES & STN. STL. CABLE
- 9. ACCESSIBLE LIFT SEE 7/SP9-8.
- 10. BACKSTROKE STANCHIONS AND FLAGS 4/SP9-2 11. 4" NON-SLIP TILE BAND @ 4'-6" DEPTH W/ FLOATING BOUY LINE.
- 6X6 WATERLINE TILE WITH 2X6 DOUBLE BULLNOSE AT TOP OF DAM WALL GLAZED CERAMIC FROSTPROOF TILE, HAND HOLD SEE 1/SP9-3.
 DIACE STAPTING BLOCK ANGLIOPE ON BOTH CIDES OF THE DOOL
- 13. PLACE STARTING BLOCK ANCHORS ON BOTH SIDES OF THE POOL SO THAT BLOCKS CAN BE PLACED ON EITHER SIDE AS AN OPTION.
 14. AFTER REMOVAL OF POOL BOTTOM TO REPLACE MAIN DRAINS \$
- PIPING REPLACE REINFORCEMENT AND CONCRETE POOL FLOOR

GENERAL NOTES

- A. CERTIFY ALL COMPETITIVE DISTANCES IN ALL LANES W/A LICENSED SURVEYOR PER USA SWIMMING GUIDELINES.
- B. ALL FLOOR INLETS & ROPE ANCHORS TO REMAIN IN SAME LOCATION. FLOOR INLETS TO BE REPLACED & BALANCED & ROPE ANCHORS TO RECEIVE NEW EYE BOLT - THREADED ANCHOR IS COMPROMISED.







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EQUIPMEN	IT LIST / SYM	1BOLS:		
DESCRIPTION	MFGR.	REMARKS	DETAIL	
DECK LIGHT EXISTING		RECONNECT ELECT. IF DISTURBED IN DEMC	· ·	
HOSE BIBB W/ VACUI JUNCTION BOX	UM BREAKER	TOMBSTONE 3/4" DIA. CU PIPE TO EA	1 (GP9-5)	
GUTTER OUTLET	SEE DETAIL	- -		
PIPING VENT / CLEAN OUT	-	SEE SP3-1		
DEPTH MARKER WARNING MARKER	INLAYS INTL.	NON-SLIP		
STARTING BLOCK	PARAGON	DUAL POST ANCHORS	<u><u><u></u></u> <u><u></u> <u></u> </u></u>	EJ EXPANSION JOINT
			(5P9-1)	CJ CONTROL JOINT CJ CONTROL JOINT DOWELED EXPANSION JOINT 51/2" CONC. POOL DECK WITH
			-	#4 @ 12" O.C.E.W TYP. 4,500 PSI
			-	FP9-2 DECK JOINT DETAILS TYP.
			-	CB CATCH BASIN SEE 1/SP9-4
				(#) KEY NOTES:
				1. MEDIUM BROOM FINISHED CONCRETE DECK - ALL P.C. CONCRETE PAVING SHALL BE STABLE, FIRM RESISTANT & SHALL COMPLY WITH CBC SECTION
				11B-302 & 11B-403. NEW ABC PER GEOTECH REPO 2. EXISTING MUSCO LIGHTS 3. NEW SURGE TANK. PROVIDE NEW SCUTTLE & LAI
				RUNGS, SEE 6\$8/SPM9-3. 4. CIP CONCRETE 4,500 PSI #4'S @ 12" O.C.E.W.
				5. LOCATE POOL SIGNAGE SEE 5/SP9-3 6. LIFE SAFETY EQUIPMENT SEE 4/SP9-8
				 NEW WHITE PLASTER NEW CANTILEVER DECK
				9. DIVING BOARD WITH DECK ANCHORS 10. TOMBSTONE WITH HB, ELECT & J-BOX
P P R				
	_			
5 6P9-4	YP.			
	DARD			
				EXITING
				OCCUPANTS: POOL 12,652 S.F. 1/50 253
2 5P9-1	YP.			TOTAL OCCUPANTS: 1/15 1,676
				REQUIRED: 1,676 X .2 = 335.2" OR 27.94 FT. = 27'-11 PROVIDED: GATES = 32'-0"
				1PAIR OF 4'-O" GATES - 8'-O" WIDEEXISTING PROVIDE NEW HARDWARE2PAIR OF 4'-O" GATES - 8'-O" WIDE
24-0-1				EXISTING PROVIDE NEW HARDWARE PAIR OF 4'-0" GATES - 8'-0" WIDE NEW WITH PANIC HARDWARE
				 PAIR OF 4'-0" GATES - 8'-0" WIDE EXISTING PROVIDE NEW HARDWARE PAIR OF 4'-0" GATES - 8'-0" WIDE
				EXISTING PROVIDE NEW HARDWARE
				GENERAL NOTES:
				1. BOND & GROUND DECK EQUIPMENT & MECHANICAL
	ATE PAIR OF 4	O" GATES		ROOM EQUIPMENT TYP. SEE 7&9/SP9-5. 2. NO TILE MARKERS OVER CONCRETE JOINTS TYP. 3. THE EACH ITY EVICTOR A PERFORMANCE ON A CITE
FN. FAR. ++- 37.00	NIC HARDWAR CCUPANTS EX	2E IT		 J. THE FACILITY EXISTS, VERIFY DIMENSIONS ON SITE. 4. CATCH BASINS CONNECT WITH STORM SEWER TYPE
MATCH TO EXISTING	FINISH FLR.			
and the second sec				
		<u>sc</u> <u>sc</u>	ale 1/12"=	NORTH





MAX. SURGE GAL.:

PUMP ELEV.

INLETS

POOL WATER LEVEL

REF -1'-0" -13'-0"

68 INLETS

GRAVITY FLOW AT 1/4" PER FT TO SURGE TANK. TYP. FOR PIPE TRENCHING SEE DETAIL 7/SP9-4.

PIPING PLAN



EQUIPMENT LIST & SYMBOLS

ITEM	DESCRIPTION DETAIL	MAKE AND CATALOG #	REMARKS	
	MAIN DRAIN (18" X 54")	SEE DETAIL	VGB APPROVED W/HYDROSTATIC RELIEF VALVE 2" DIA.	6 5P9-2
FI ©	FLOOR INLET	STA-RITE 8417-0000 GREY	1 1/2" DIA. ABS PLASTIC IPS SLIP BALANCED	7 8 8 5P9-3
GO D	GUTTER OUTLET		1 5P9-7	2 5P9-1
VENT O	PIPING VENT / CLEAN OUT			3 5P9-2





		EQUIPME	NT LIST AND	SYMBOLS	
	ITEM		MAKE AND	REMARKS	
	RC	BACKSTROKE	SEE DETAIL	SS STANCHION .145"	+
				WALL	
(2)		I I'I UIVING BOARD	JEE VETAIL		
/ TYP	DM are and	DEPTH MARKER TILES	SEE DETAIL	6"X6" NON-SLIP	- 6
	<u>4 18 22 2</u> FWP	FLOATING WATER	SEE DETAIL	W/ WATERPOLO	
		POLO GOAL	GEE DETAIL	WELDED EIGURE 4	
				GRAB RAIL CYCOLAC STEPS	
		UNDERWATER LIGHT	PENTAIR 5G SS NICHE	75 W, 120 V COORD. CORD LENGTH &	6
	MD	MAIN DRAIN	SEE DETAIL	BOND VGB APPROVED	
		(18" X 54")		W/HYDROSTATIC RELIEF VALVE 2"DIA.	
	RA ©			FLUSH W/FUUL WAL	
SECTION A-A	SB	STARTING BLOCK W/ANCHOR & CAP	SEE DETAIL	SINGLE POST	ļ,
SCALE: 1/8"=1'-0"		WATER POLO	SEE DETAIL	DECK MOUNTED	
		GOAL, WALL MOUNTI			
			ENERAL NO	TES:	
		NTIFY & MARK ALL ST	ORM DRAIN CONNEC	CTION	
	POI B. EX CRC C. AL FINI D. CO E. FO F. FILL PRC G. CE H. SEE	NTS & RECONNECT NE TERIOR SLAB TO HAVE DSS SLOPE. L DECKS TO BE SLIP-R SH) NC. DECKS TO SLOPE DECK DRAIN. O" WATER LEVEL USEL POOL AS PART OF W DCESS. RTIFY ALL COMPETITIVE A LICENSED SURVEYO RTIFICATION E SP2-1 FOR ADDITIONA	W MAX. " PER FT. MAX ESISTANT. (MED BRC 1:48 MAX. AWAY FRC O AS ELEVATION REF ORK & PLASTER CUP CORK & PLASTER CUP E DISTANCES IN ALL R - PROVIDE LETTER AL DIMENSIONS	DOM DM POOL FERENCE. RING LANES OF	
SECTION B-B					
The second secon	1. PL, 2. CC 3. 6 × 4. 4" V 5. CER, 6. (N) T COC 9" 9 7. LA 8. MA 9. 6" × 10. (E) 11. SIN 12. SEE ANY 13. MON	ASTER FINISH (WHITE NCRETE CANTILEVER & G CERAMIC TILE DEI VIDE 1" X 1" NON-SLIP (AMIC TILE NCAA LAN TILE PADS FOR (E) WA RDINATE W/ WATER BQUARE OF 1X1 TILE. 9 DDER SEE 7/SP9-1 N DRAIN SUMP WITH & G' GLAZED CERAMIC E 1/SP9-3 CONCRETE SHELL TO IGLE POST STARTING DETAILS 2\$3/SP9-4 POOL SHELL CRACK /EABLE BULKHEAD (E), TYP. & DECK WITH POOP PTH & WARNING M CERAMIC TILE LINE IE LINE TARGET - S ATER POLO GOAL MAN DEE 6/SP9-1. (N) VGB COMPLIAN C TILE AT WATERLI O REMAIN. D REMAIN. D REMAIN. D REMAIN. D REMAIN. S BLOCK FOR REPAIR OF (S & RUST SPOTS, E)	DL DAM WALL - SEE 2 ARKERS SEE 4/SP9-3. @ 4'-6" DEPTH EE 2/SP9-3 BUMPERS, IUFACTURER NT GRATE. SEE 6/SP9 NE W/ 21/2"X6" BULLN TYP.	-2. NOSE,
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BONDING SCHEMATIC TYPICAL

7

ti SEE BB3 W/ VACUM SDE OF K WY 3/4* RNE26 X WHERE LAN BRA35 JIT. REFER WINGS OF STONE. CORNER BE CORNER BE CO-AINED JPE 3/4* DIA	
NTS NOT USED	
CALE: 3"=1' O"	
BONDING & GROUNDING NOTES: 1. STEEL REINFORCEMENT IN POOL DECK AND POOL SHALL BE BONDED TOGETHER (STAINLESS STEEL TIE-WIRES ARE ACCEPTABLE FOR BONDING STRUCTURAL REBAR ELEMENTS). 2. BONDING CONNECTOR TO COMMON GRID. (POOL STEEL ACCEPTABLE FOR THIS PURPOSE) CONTACT SHALL BE MADE BY PRESSURE CONNECTORS OR CLAMPS OF BRASS, COPPER, OR COPPER ALLOY. BARE #8 CU. TO POOL LIGHT FOUNDATION STEEL FROM POLE BONDING LUGS 3. ALL GROUND BUSES SHALL BE SIZED FOR ALL GROUND BUSES SHALL BE SIZED FOR	
CONNECTION TO AWG SIZE #8 WIRE PROVIDING ONE SPARE TERMINAL. 4. GROUND AND BOND IN ACCORDANCE WITH ARTICLE 310 OF THE CALIFORNIA ELECTRICAL CODE. IE. LADDERS FENCING, POLE LIGHTS, DIVING & STARTING STANCHIONS, ACCESSIBLE LIFT, ETC.	SPORTS PANEL
Image: Subscription Image: Subscription POOL TYPICAL Image: Subscription	ANCE OF LIGHTS TO
STEEL METAL FITTINGS INPLANTED IN DECK NOTE: ENSURE ALL METAL I BONDED BOTH EXIST INSTALLED CONTINUITY TEXT ALL	TEMS ARE PROPERI NG AND NEWLY - BONDED
SCALE: NTS	DRT OF DP DRAWINGS

3 NOT USED		SCALE: NTS
6 NOT USED		NTS
9 NOT USED		SCAI F. 1/4"=1" ()"

- ANY CUSHIONED SURFACE THAT MIGHT BE PROVIDED, ABOVE THE POOL DECK; PER CBC 11B-1009.2.4
 C. THE SEAT MUST HAVE TWO ARMRESTS. THE ARMREST ON THE SIDE OF THE SEAT BY WHICH ACCESS IS GAINED SHALL BE EITHER REMOVABLE OR FOLD CLEAR OF THE SEAT; PER CBC 11B-1009.2.6
- D. THE SEAT MUST HAVE A BACK SUPPORT THAT IS AT
- LEAST 12 INCHES (305MM) TALL; PER CBC 11B-1009.2.4
 E. THE SEAT MUST HAVE AN OCCUPANT RESTRAINT FOR USE BY THE OCCUPANT OF THE SEAT, AND THE RESTRAINT MUST MEET THE STANDARDS FOR OPERABLE CONTROLS IN COMPLIANCE WITH SECTION CBC 11B-309. BE OPERABLE WITH ONE HAND AND NOT REQUIRE A TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST: AND NOT REQUIRE A FORCE GREATER THAN 5LBS TO ACTIVATE HAND CONTROLS. PER CBC 11B-309.4
- F. LIFT SHALL BE CAPABLE OF "UNASSISTED OPERATION" FROM DECK & WATER LEVEL. PER CBC 11B-1009.2.7
- G. LIFT SHALL BE STABLE AND NOT PERMIT UNINTENDED MOVEMENT WHEN A PERSON IS GETTING INTO OR OUT OF THE SEAT. PER CBC 11B-1009.2.7
- H. LIFT SHALL BE DESIGNED TO HAVE A LIVE-LOAD CAPACITY OF NOT LESS THAN 300 LBS. PER CBC 11B-1009.2.9
 I. LIFT SHALL BE POSITIONED SO THAT OPERATOR IS
- PLACED INTO WATER THAT IS 36"MIN AND 48" MAX DEEP. PER CBC 11B-1009.2.1
- J. LIFT SHALL BE ABLE TO LOWER THE OPERATOR AT LEAST 18" BELOW THE SURFACE OF THE WATER. PER CBC 11B-1009.2.8
- K. THE SEAT WIDTH SHALL BE A MINIMUM OF 16" WIDE PER CBC 11B-1009.2.5

KEY NOTES

	— 1.	POOL RE-CIRCULATION CLOSE COUPLED T.E.F.C. MOTOR, NSF CERT. 2,742 GPM @ 60TDH, 89% EFFICIENT, 3M SCRATCH COAT EPOXY FINIS ALL WET SURFACES, INVERTER RATED PREMIUM EFFICIENCY MOTOR. PROVIDE HOUSEKEEPING PAD WITH SEISMIC ANCHORAGE.
3 19-2	— 2.	PACO 8015-3-4 HORIZ. STYLE, 1150 RPM 480V 3 DIA 50 BHP W/ VFD 8" DIA. SUCTION & 10" DIA. DISCHARGE POOL CIRCULATION PUMP STRAINER: S.S. PRO-STRAINER 14"X8" P41408SE, PROSTRAINER (STAINLESS STEEL)
7	— <u>3</u> .	VARIABLE FREQUENCY DRIVE: ACU DRIVE XS VFD (50 HP) CONTROL WITH BY-PASS AND PASSWORD
2 19-2	<u> </u>	POOL FILTER: HIGH RATE SAND 162 SF - AUTOMATED 12" INLET & OUTLET WITH 6" EFFLUENT TO BACKWASH. WEIGHT 9,591 LBS ON CONCRETE EQUIP PAD - SEISMICALLY RESTRAINED. PARAGON STARK SS6-96-12. NSF APPROVED
	<u> </u>	PRESSURE SUSTAINING PUMP
3	<u> </u>	(E) RAYPAK XTHERM MODEL H2005A, 1,461 LBS) 8" FLUE, 2 1/2" DIA. INF
9-4		2" DIA. (NAT GAS) W/ REGULATOR. 10" d FLUE & COMBUSTION AIR SOU INSTALL PER MFGR. REC.S, 3/4" DIA. CONDENSATE DRAIN & T&P VALV WITH INTERLOCK TO RE-CIRC PUMP AND AUTO-SHUTOFF. CEC CLASS BOILER REQ.S DEDICATED CIRCUIT W/ 120V 20A HEATER & 15A PUMP BOOSTER PUMP 120V 2HP - TITANIUM EXTERNAL HEAD EXCHANGER CLOSED LOOP INTO HEATER REQUIRES 1/2" CU DOMESTIC WATER MAN
3	— 7. — 8.	(EXISTING) ELECTRICAL PANEL LOCATION AUTOMATIC WATER CHEMISTRY CONTROLLER: CHEMTROL PC7000 TO
19-1	0	BE INSTALLED PER SCHEMATIC WITH ALL INTERCONNECTIONS. TO BE RE-CALIBRATED AT POOL START-UP. PROVIDE OPERATION/TRAINING OF EQUIPMENT WITH DIST. PERSONEL.
	<u> </u>	(EXISTING) ACU-TAB CALCIUM HYPOCHLORITE FEED SYSTEM TO BE RELOCATED AS SHOWN ON PLAN. SEISMICALLY RESTRAINED ON
4	— 10. 11	6" THICK CONCRETE EQUIPMENT PAD. 30 GALLON CARBOY WITH 10% HYDROCHLORIC ACID TO MIX WITH CO2 AS PART OF ACID DELIVERY SYSTEM. SEISMICALLY RESTRAINED
3 19-1	11. — 12.	EXISTING ELECTRICAL TRANSPORMER TO REMAIN (EXISTING) POOL ACID FEED SYSTEM: (4) CARBO MAX 750 - CO2 STORAGE WITH MTS AND BOOSTER PUMP TO RELOCATE TO NEW SPACE.
	13.	FLOOR SINK FOR POOL HEATER T&P VALVE EFFL. & CONDENSATE LIN
/	14. 15.	FLOW GAUGE (SIGNET 515) PADDLEWHEEL LINKED TO AUTO CONTRC FILTER CONTROLLER CONN TO AUTO CONTROLLER - BY MFGR. #8 AB
5 19-1)	— 16.	POOL CHEMICAL INJECTION POINT
2	— 17. 19	CLA-VAL WITH FLOAT SENSOR IN STILLING WELL - WATER MAKE-UP
	10. — 19.	CUT NEW OPENING IN CMU FOR H. M. DOOR & FRAME
1 19-1	— 20. 21.	EMERGENCY EYEWASH/SHOWER - 1 1/4" DIA DOM. WATER SUPPLY BACKWASH TANK WITH 2-COATS THOROSEAL WATERPROOFER CONNECTION TO 6" SAN SEWER W/P-TRAP AT LOW POINT OF PIT
	— 22.	BOTTOM OF TANK IS AT FINISH FLOOR HAZ-MAT SIGNS ON CHEMICAL STORAGE ROOM DOORS
19-1	23.	8" TO 14" STREET "L" WITH ONE-WAY CHECK VALVE (14" DIA.) ABOVE
	— 24. 25	6" THICK HOUSEKEEPING PAD CONCRETE DIDE HANGARG TYP, DEPENDING ON APPL, SEE 2445/SPM0 4
1	29. — 26.	LADDER RUNGS
19-4	— 27.	ACCESS SCUTTLE
19-3	— 28.	1 1/2" DIA. REDUCED PRESSURE BACKFLOW PREVENTOR 2'-0" AFF FRO D.C.W. CONN. TO POOL MAKEUP SYSTEM CLA-VAL FULLY AUTOMATION
	— 29. 30.	PUMP PIT WITH GUARDRAIL & 8" WIDE BY 6" CIP CONCRETE CURB SLOPE FLOOR TO SUMP PIT WITH SUMP PUMP TO BACKWASH PIT INTERNET CONNECTION - CONNECT TO IDP IN CAMPUS
	эт. 32.	ANSI FLANGE CONNECTION
	— 33.	14" DIA. BUTTERFLY MODULATING FLOAT VALVE
	— 34. — 35	LINK SEALS CIP NO-LEAK FLANGES
	— 36.	ANTI-VORTEX PLATE
	37. 38	VACUUM & PRESSURE GAUGES OVERHEAD COILING DOOR (EXISTING)
	— 39.	ONE-WAY CHECK VALVE ON TOP OF BUTTERFLY VALVE - VERTICAL
)	— 40.	SURGE TANK (20'-0" X 9'-0" X 13'-0" DEEP) = 17,562.6 GALLONS CAP.
3	— 41.	12,367 GALLONS REQUIRED. 42" HIGH GUARDRAIL AROUND PUMP PIT WITH SAFETY CHAIN
	42.	LEVEL BOTTOM OF NEW SURGE PIT FLOOR SO THAT IT SLOPES TO (4
19-3	— 43. — 44.	SUMP PUMP BFV WITH EXTENSION TO ROOF OF SURGE TANK
	45.	(EXISTING) NATURAL GAS METER & REGULATOR
	46.	(EXISTING) MOVE 4 CARBO-MAX 7505 TO NEW LOCATION WITH CO2 FEEDER AND CONTACT CHAMBER WITH BOOSTER PUMP.
	47.	CPVC HEATER LOOP (4" DIA)
	40. 49.	TEK AUTO & REMOTE CONTROL
	50. 51	MOVE EXISTING TRANSFORMER TO BE WALL HUNG NEW TUBE STYLE TITANIUM HEAT EXCHANGER ON EXISTING HEATER
	52.	INFILL AREA WHERE DOOR WAS REMOVED & PATCH CMU - W/ CMU
		ADJ. WALLS.
	53.	NEW 3'-0" X 7'-0" FULLY LOUVERED FIBERGLASS DOOR WITH FRAME.
	54.	(EXISTING) MECH RM. FLOOR IS 4" THICK W/ WWM12X12 - W2.8XW2.8 (EIN EI $P = 10^{\circ}$)
	55.	FIRE EXTINGUISHER (2A 20B 20C)
2-0	56. 57	THOROSEAL NEVA/VALL VA/ITH FOOTING FOR BACKVA/ASH PIT
		LEGEND
	┠╌╌╌	

PATCH EXISTING CMU WALL

PATCHED EXISTING 1-HR CMU WAL
CONNECTED TO ROOF DIAPHRAM
SEE CBC TABLE 721.1(2), ITEM 3-1.1
CMU COMPLIES W/ 1-HR CONSTRU(
EXISTING CMU WALL

EXISTING CMU WALL TO REMAIN

NEW CMU WALL NOT FULL HEIGHT

------ EXISTING SANITARY SEWER LINE

----- EXISTING D.C.W. LINE 1 1/2"

---- EXISTING EDGE OF FOOTHING BELOW

CONCRETE MASONRY NOTES:

- 1. ALL CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT PER ASTM C90 TYPE 1 WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI. USE OPEN END UNITS AS REQUIRED TO MAINTAIN REINFORCEMENT CLEARANCES AND PROPERLY CONSOLIDATE GROUT. ALL CELLS TO BE SOLID GROUTED. UNITS TO BE SAMPLED AND TESTED TO VERIFY CONFORMANCE WITH ASTM C90.
- GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH = 2000 PSI AND HAVE MINIMUM 6 SACKS OF CEMENT/CU YD. ADD ONE POUND SIKA GROUT AID PER 100 LB OF CEMENT. GROUT SHALL CONFORM WITH TMS 402/602 & ASTM C476.
- 3. MORTAR SHALL BE TYPE S IN ACCORDANCE WITH TMS 402/602 & ASTM C270 WITH A MINIMUM 28-DAY STRENGTH OF 1800 PSI.
- LAP ALL REINFORCEMENT 80 BAR DIAMETERS UNLESS NOTED OTHERWISE. WHERE LAPS OF ADJACENT BARS ARE SPACED 3" OR LESS, INCREASE LAP LENGTH 30%.
- 5. ALL REINFORCEMENT TO BE TIED AND SECURED IN PLACE PRIOR TO GROUTING.
- 6. LOW-LIFT GROUTED CONSTRUCTION IS TO BE PER 2022 CBC 2104A.1.3.5 HIGH-LIFT GROUTED CONSTRUCTION IS TO BE PER 2022 CBC 2104A.1.3.5 HIGH-LIFT GROUTED CONSTRUCTION REQUIRES DSA APPROVAL AND SHALL BE IN ACCORDANCE WITH DSA IR 21-2.
- 7. PROVIDE INVERTED BOND UNIT AT BOTTOM OF ALL LIFTS AS REQUIRED TO FACILITATE PLACEMENT OF CLEAN OUTS.
- FOOTING DOWELS WITH STANDARD HOOK SHALL MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT UNO. PROVIDE MINIMUM LAP W/ VERTICAL REINFORCEMENT AND EXTEND HOOKED END TO WITHIN 3" OF BOTTOM OF FOOTING UNO.
- 9. PROVIDE 2-#5 CONT IN BOND BEAM UNITS AT THE TOPS OF WALLS AND AT ALL ROOF LEDGER LOCATIONS
- 10. PROVIDE TEMPLATES AS REQUIRED TO SECURE BOLTS IN POSITION.
- PROVIDE 1" MIN GROUT AROUND BOLTS. 11. PROVIDE CONTROL JOINTS @ 40'oc MAX SPACING.
- 12. PROVIDE TEST AND INSPECTIONS IN COMPLIANCE WITH TMS 402/602 FOR LEVEL 3 QUALITY ASSURANCE.
- 13. REBAR SHALL HAVE THE FOLLOWING MINIMUM COVER PER TMS 402/602
- 13.1 MASONRY FACE EXPOSED TO EARTH OR WEATHER 13.1.1 BARS LARGER THAN No.5: 2"
- 13.1.2No. 5 BARS OR SMALLER:13.2MASONRY NOT EXPOSED TO EARTH OR WEATHER:
- STRUCTURAL STEEL NOTES:
- 1. THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16th EDITION.
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING
 BARS AND PLATES 2.2 ANGLES
 ASTM A36, Fy = 36 KSI ASTM A36, Fy = 36 KSI
- 3. WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
- 4. ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE $\frac{5}{64}$ " MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE $\frac{5}{32}$ " MAX DIAMETER.
- 5. STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT.

$\begin{array}{c} 90^{\circ} \\ BEND \\ 135^{\circ} \\ 135^{\circ} \\ BEND \\ 0^{\circ} \\ BEND \\ 0$

NOTES:

- 1. THE ABOVE DETAILS ARE PROVIDED TO SPECIFY STAND REBAR BENDS AND BEND EXTENSIONS, TYP UNO.
- 2. ALL REBAR PLACEMENT IS TO BE AS SHOWN IN PROJECT DETAILS. SEE 'STEEL REINFORCING
- 3. NOT ALL CONDITIONS SHOWN ABOVE WILL APPLY TO THIS PROJECT.

NOTES' ON SO-1.

- FOUNDATION NOTES: 1. FOUNDATIONS ARE DESIGNED WITH A MINIMUM PRESUMPTIVE SOIL BEARING PRESSURE OF 1,500 PSF PER 2022 CBC TABLE 1806A.2.
- 2. FOOTINGS SHALL BEAR ON FIRM, DRY, UNDISTURBED NATIVE SOILS.
- 3. FOOTING DEPTHS INDICATED ON PLANS ARE MINIMUMS. AREAS OF OVER-EXCAVATION SHALL BE BACKFILLED WITH COMPACTED FILL PER THE SOILS REPORT OR WITH LEAN CONCRETE HAVING A MINIMUM 28-DAY STRENGTH OF 1,500 PSI.
- 4. FOOTINGS MAY BE OVER-EXCAVATED AT CONTRACTOR'S OPTION FOR PLACEMENT OF LEAN MIX CONCRETE TO FACILITATE THE REMOVAL OF DEBRIS AND STANDING WATER.
- 5. ALL FOOTINGS NOT FORMED SHALL BE POURED IN NEAT EXCAVATIONS. BOTTOMS OF EXCAVATIONS SHALL BE LEVEL, WITH CHANGES IN ELEVATION ONLY AS NOTED IN THESE DRAWINGS.
- 6. SEOR SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS.
- 7. SEOR SHALL BE NOTIFIED A MINIMUM OF 48-HOURS PRIOR TO THE PLACING OF CONCRETE SLABS AND FOUNDATIONS.

CONCRETE NOTES:

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND ACI 318-19.
- 2. ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.
- 3. STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

FOR USE AT SLABS ON GRADE, ELEVATED SLABS AND WALLS AROUND PUMP AND SUMP PITS 28-DAY STRENGTH, F'c = 4,500 PSI MAX AGGREGATE SIZE $= \frac{3}{4}$ "

MAX WATER TO CEMENT RATIO = 0.45 SLUMP = 4" ± 1"

MIX TO BE 6 SACK MIN

REQUIREMENTS:

- PROVIDE ADMIXTURES PER PROJECT SPECIFICATIONS.4. CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING
- 4.1 PORTLAND CEMENT PER ASTM C150 TYPE I OR II4.2 COARSE AND FINE AGGREGATES PER ASTM C-33

4.5 ADMIXTURES PER PROJECT SPECIFICATIONS

- 4.3 REINFORCING PER ASTM A615 GRADE 60, UNO. ALL REINFORCING TO BE WELDED SHALL BE ASTM A706 GRADE 60
 4.4 FLY ASH PER ASTM C-618 CLASS N OR F
- 5. ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.
- ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
- FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.
- 8. CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
- 9. CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO ¹/₄" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- 10. ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF ACI 318.
- 11. REFER TO ACI RECOMMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD AND HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS
- 12. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.
- 13. ALL SLABS SHALL BE FLAT AND LEVEL WITH A TOLERANCE OF $\frac{3}{16}$ " IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER ASTM 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.
- 14. CONDUITS AND PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- 15. DSA AND THE STRUCTURAL ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS BEFORE PLACING CONCRETE (T-24 PART 1, 4-331).

STEEL REINFORCING NOTES:

- 1. ALL CONCRETE REINFORCING SHALL CONFORM TO THE 2022 CBC AND BE DETAILED, FABRICATED, AND PLACED PER ACI 318-14, AND PER THE LATEST EDITION OF ACI 315.
- REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60 (SEE NOTE 10 BELOW).
- 3. ALL BENDING OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- 4. REINFORCEMENT IN SLABS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
- 5. LAP SPLICES OF CONCRETE REINFORCEMENT
- F'c = 3500 PSI & LAP CLASS: B 5.1 #3 BARS = 30" 5.2 #4 BARS = 40" 5.3 #5 BARS = 50" 5.4 #6 BARS = 60"
- 6. ALL ADJACENT REINFORCING LAPS ARE TO BE STAGGERED A MINIMUM OF 5'-0".
- 7. REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, UNO:
- 7.1POURED AGAINST EXCAVATIONS/GROUND= 3"7.2POURED AGAINST FORMS, EXPOSED TO SOIL= 2"
- 7.3 CONCRETE EXPOSED TO WEATHER $=1\frac{1}{2}$ 7.4 SLABS ON GRADE - CENTER REINFORCING WITHIN SLAB DEPTH
- 8. REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS
- NOT PERMITTED.
- 9. WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
- 10. WELDING OF REINFORCING IS NOT PERMITTED UNLESS SHOWN ON THESE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL FROM THE SEOR.

DES	SIGN CRITERIA:				STRUCT	URAL SH	HEET INDEX:
1.	PROJECT ADDRESS: 11	111 WEST CENTURY ODI, CA 95240	(BLVD		S0-1 S2-1	STRUCTI FOUNDA	JRAL NOTES & TYPICAL DETAILS ATION PLANS
2.	BUILDING CODE: 20	022 CALIFORNIA BU	JILDING CODE		S2-2 S3-1	ROOF FR	RAMING PLAN & SECTION IS & WALL LINE ELEVATIONS
3					S4-1 S4-2	DETAILS	
5.	MAIN BUILDING ROOFS	5			J+ 2	DETAILS	
	FLOOR LI	IVE LOAD = 100 PSF	CONCRETE LI	D)			
	WALL WEIGHTS						ç.
	CONCRET	E WALLS = 125 PSF					5.
4.	LATERAL LOADS: RISK CATE	GORY II			AB	ANCHOR	
	WIND LOADS (ASCE 7-1	16) 02 MDU			ALISC	AMERIC	AN CONCRETE INSTITUTE AN INSTITUTE OF STEEL CONSTRUCTION
	EXPOSURE	о 93 МРН С	(72 MPH ASD)		AISI APA	AMERIC	AN IRON AND STEEL INSTITUTE
					ARCH	ARCHITE	CT/ARCHITECTURAL
	INTER	NAL PRESSURE COE	FFICIENT, GC _{pi} =	± 0.18	ASTM AWS	AMERIC/ AMERIC/	AN SOCIETY OF TESTING AND MATERIALS AN WELDING SOCIETY
	W	IOPOGRAPHI	IC FACTOR, K _{zt} = TY FACTOR, K _d =	1.00 0.85	BLKG	BLOCKIN	IG
		RES			BTWN	BETWEE	N
	q (0'	'-15') = 9.6 PSF	(ASD)		B.O. BOT	BOTTON BOTTON	1 OF 1
	d (15	$5^{\circ}-20^{\circ}$ = 10.2 PSI	F (ASD)		CBC	CALIFOR	NIA BUILDING CODE
	SEISMIC LOADS (ASCE 7	7-16)			CJ	COLD JO	INT
	SITE CLASS	D		Provide Design	Criteria for the Add	ition.	TE MASONRY UNIT
	SEISMIC DESIGN C/ IMPORTANCE FACT	ATEGORY D TOR 1.00)	hazard levels ar	id mapped spectral	lives,	ER
	REDUNDANCY FAC	CTOR, ρ 1.0		accelerations for	r each level. Also	include	N OF THE STATE ARCHITECT
	S _s = 0.631 F _s = 1.295	$S_1 = 0.26$ $S_2 = 2.07$	51 78	performance obj	F O.	FACE OF	REW w/SPACING PER SHEAR WALL DIAGRAMS
	S _{MS} = 0.818	8 $S_{M1} = 0.54$	43		FRMG	FRAMIN	G
_	S _{bs} = 0.545	$5 \qquad 5_{01} = 0.36$	52		HD HSS	HOLDOV	VN / STRUCTURAL SECTION
5.	LATERAL LOADS: RISK CATEC	GOR ⊯ II 41-17)			L	STEEL AN	NGLE
	0.00000000000000000000000000000000000	$S_1 = 0.261$			MC	MISCELL	ANEOUS CHANNEL
	F _a = 1.295	$F_v = 2.078$			MIN NTS	MINIMU NOT TO 3	IM SCALE
	BSE-1N LEVEL SEISMI	IC EVENT			# OH		
	NONSTRUCTURAL PE	RFORMANCE N-	B POSITION R	ETENTION	OV/	OVER	
	$S_{xs} = 0.545$	S _{x1} = 0.362			PAF PI	POWDEF	R-ACTUATED FASTENER DINT
	BSE-2N LEVEL SEISMI	IC EVENT		FFTV	SEOR	STRUCTU	URAL ENGINEER OF RECORD
	NONSTRUCTURAL PERFOR	RFORAMNCE N-	D HAZARDS R	EDUCED	SIVIS T & B	SHEET N	D BOTTOM
	S _{XS} = 0.817	S _{X1} = 0.542			THRU	THROUG	6H
					TYP	TYPICAL	
GEN	NERAL NOTES				UNO W/	WITH	NOTED OTHERWISE
1.	ALL NEW WORK SHALL CON	FORM TO TITLE 24	2022 EDITIONS	WITH ALL DSA			
	AMENDMENTS AND ALL OT	HER APPLICABLE CO	ODES AND REG	JLATIONS.			
2.	THIS SET OF STRUCTURAL D	RAWINGS IS APPLIC	CABLE ONLY TO	THE LISTED	DRAWIN	IG STAN	IDARDS:
	PROJECT AND SITE LOCATIO	DN.			SHEET	Г NUMBER	
3.	NOTES ON THIS SHEET ARE	TYPICAL AND SHALL	APPLY UNLESS	OTHERWISE			— STRUCTURAL SHEETS — DRAWING TYPE
	CONDITIONS UNLESS OTHER	AL DETAILS SHALL AI RWISE NOTED OR D	PPLY FOR ALL LI DETAILED.	KE			0 TYPICAL
л							3 ELEVATIONS & SECTIONS
ч.	ELEVATIONS, EXISTING CON	IDITIONS, AND OTH	ER RELATED ITE	MS. THE			4 DETAILS — SHEET NUMBER WITHIN ABOVE
	CONTRACTOR SHALL REVIEN	W THE CONTRACT D L NOTIFY THE ENGIN	DOCUMENTS PF NEER OF RECOR	RIOR TO D IF ANY			DESIGNATIONS
	CONFLICTS ARE SHOWN OR	NOTED.					
5.	IT IS THE CONTRACTOR'S RE	SPONSIBILITY TO CO	ONFORM TO RE	LEVANT	Ċ	5 1	
	SECTIONS OF THE CALIFORN	NIA "CONSTRUCTIOI	N SAFETY ORDE	RS" AND ALL	5.	Ζ-Τ	
	RESPONSIBILITY FOR THE CO	ONTRACTOR'S FAILU	JRE TO COMPLY	W/ THESE			
	REQUIREMENTS.				SYMB		
6.	STRUCTURAL DRAWINGS RE	EPRESENT THE FINIS	SHED STRUCTU	RE, AND DO	<u></u>		A A
	CONSTRUCTION OF ALL TEN	APORARY BRACING,	, SHORING, FOF	MING, ETC		$\begin{pmatrix} 1 \\ SY \end{pmatrix}$	
	REQUIRED SHALL BE THE RE	SPONSIBILITY OF TH	HE CONTRACTO	IR.			
7.	A COPY OF TITLE 24 CCR PA	RTS 1 -5 SHALL BE K	EPT ON SITE AT	ALL TIMES		STANDARI DETAIL &	D WALL BUILDING ELEVATION SECTION &
	(1-24 PART 1, 4-317(C)).				I	LOCATION	& LOCATION LOCATION
1	ALL TESTS AND INSPECTION					STRUCTUR	
1.	LAB OF RECORD, HIRED BY T	THE DISTRICT (T-24	PART 1, 4-335).				
2.	ALL TESTS AND INSPECTION	IS SHALL CONFORM	I TO CHAPTER 1	7A OF THE			
	2022 CBC AND THE PROJECT	T SPECIFIC DSA-103					
3.	ALL SPECIAL INSPECTORS SH	HALL HAVE A MINIM	IUM OF THREE	YEARS OF			
	EXPERIENCE WITH MATERIA	AL BEING INSPECTED	Э.				
4.	A REPRESENTATIVE OF THE	GEOTECHNICAL EN	GINEER OF REC	ORD SHALL			
	UDSERVE ALL GRADING, BU	א טאווט PAD PREP, A	דטאיד FUUTING E	λίανα πύΝδ.			
DOG							
1		NINUTES:					
τ.	FOR EACH ANCHOR AND PE	R THE ICC REPORTS	LISTED BELOW				
2.	ALL POST-INSTALLED ANCH	ORS ARE TO BE CAR	REFULLY INSTAL	LED SO AS TO			
	NOT DISTURB OR DAMAGE			AY. ANCHORS	N		
	MINIMUM AGE OF 28 DAYS	CONCILLE UK (2 11M3 KEA				
3.	ALL HOLES FOR DRILI FD-IN	ANCHORS SHALL RE	E COMPLETFI Y	DRY AND WELL			
	CLEANED WITH A BOTTLE B	RUSH AND COMPRE	ESSED AIR PRIO	R TO			As a separate supporting documents.
							provide the following
4.	ALL DRILLED-IN ANCHORS S 17A OF THE 2022 CBC INSP	HALL BE TESTED AN	ND INSPECTED F	ER CHAPTER			1. Condition Assessment Report 2. Material Testing Report
	UPON COMPLETION OF INST	TALLATION SHALL B	BE DONE BY A C	ERTIFIED			
	LESTING LABUKATURY.						
5.	POST-INSTALLED ANCHORS	ARE TO BE AS FOLL	OWS:				
	5.1 EXPANSION ANCHORS	S IN CONCRETE					
	ΗΙΙ ΓΙ ΚΒ ΤΖ2 ΡΕ	ג וננ-בא בSR-4266					
	5.2 EXPANSION ANCHORS	S IN FULLY GROUTE	D CMU				
	HILTI HIT-RE 50	0 V3 PER ICC-ES ESP	R-3814				
	5.4 EPOXY ANCHORS IN M	MASONRY					
	HILTI HIT-HY 27	0 PER ICC-ES ESR-4	143				
6.	POST-INSTALLED ANCHORS	ARE TO BE INSTALL	ED ONLY WHEF	RE			
	SPECIFICALLY DETAILED, WI	TH EMBEDMENTS A	AS SPECIFICALLY	(IDENTIFIED IN NO. FOR			
	EXPANSION ANCHORS, SEE	TABLES BELOW.		-,			
7.	POST-INSTALLED ANCHORS	MAY NOT BE USED	AT LOCATIONS	OTHER THAN			
		LED IN THE PROJECT	T DRAWINGS W				
	WINT LEIN APPROVAL OF TH	L STRUCTURAL ENG	MINLER OF RECC	טאע.			
CON	CRETE: HILTI KWIK BOLT TZ2 E	EXPANSION ANCHO	RS				
SEE		311.04	1110	511.04			
	NCHOR DIAMETER	<u>ğ</u> "Ø	<u>₹</u> ¥Ø	ğ Ψ			
BI	T DIAMETER	<u></u> 3"Ø	<u>1</u> [™] Ø	5/8 [™] Ø			
N	OMINAL EMBEDMENT	2 ¹ / ₂ "	2 ¹ / ₂ "	4 <u>1</u> "			
н	OLE DEPTH	2 <u>3</u> "	2 <u>3</u> "	4 <u>3</u> "			
Т	DROUF (STAINIESS STEEL)		40 FT_I P	60 FT-I P			
	איעטב (אוואנבאא אוצב) אוואנבאא אוואנבאאן אוואנבאאן אוואנבאאן אוואנבאאן אוואנבאאן אוואנבאאן אוואנען איז איז איז	JUTI-LB	η υ ΓΊ-LΒ	υυ ΓΙ-ΙΒ			
CMU	: HILTI KWIK BOLT TZ2 EXPAN	SION ANCHORS					
SEE I	сс-ез езк-4561 TABLE 1						

ANCHOR DIAMETER <u></u>3"Ø <u></u>1″∕Ø <u></u>5"Ø ³8"Ø ⁵∕8″Ø $\frac{1}{2}$ "Ø BIT DIAMETER NOMINAL EMBEDMENT 3" 3<u>3</u>″ 4¹/₂" 3<u>1</u>" 4<u>3</u>" HOLE DEPTH 4<u>1</u>″ TORQUE (STAINLESS STEEL) 15 FT-LB 25 FT-LB 35 FT-LB

- 2. ALL STRUCTURAL TESTS & INSPECTIONS OF PRIOR SITE WORK MUST BE ACCEPTED BY DSA PRIOR TO COMMENCING WITH BUILDING
- LANDSCAPE. ALL EXTERIOR CONCRETE WORK IS PER CIVIL /
- DIMENSIONS ARE TO FACE OF CMU/CONCRETE WALLS, UNO. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS &

	EXISTING 8" CMU WALL ON CONTINUOUS FOOTING 1977 PORTION OF BUILDING DSA CERTIFIED (APP. NO. 40213)	
	EXISTING 8" CMU WALL ON CONTINUOUS FOOTING 1989 PORTION OF BUILDING NOT DSA CERTIFIED	
	NEW 8" CMU WALL	
	EXISTING 6" TALL x 8" WIDE CONCRETE CURB	
	EXISTING 8" WIDE CONCRETE WALL BELOW LID	
	NEW 10" WIDE CONCRETE WALL BELOW LID	
	NEW CONCRETE LID	
		and eac the deta
U	NDATION PLAN KEYNOTES:	
J)	(N) 10" CONCRETE SLAB LID w/ #5 @ 12"cc I WAY EACH FACE CENTERED IN SLAB DEPT	EACH TH
\mathbf{z}	1" FLEXIBLE JOINT BETWEEN NEW SLAB LI	D AND EXISTING CMU WAL
3)	(E) OPENING TO REMAIN - SEE ARCHITECT	URAL DRAWINGS
I)	(N) OPENING IN CMU WALL PER <u>9/S4-1</u> - SE FOR DIMENSIONS AND LAYOUT	E ARCHITECTURAL DRAW
)	(E) OPENING IN CMU WALL TO BE INFILLED	PER 8/S4-1 - SEE
3)	NON-STRUCTURAL WALL TO BE ADDED AB SEE ARCHITECTURAL DRAWINGS FOR DIM	OVE (E) CONCRETE WORK

- (8) (N) CMU WALL w/ (N) FOUNDATION EXPAND (E) FOUNDATION FOR (N)

ROOF FRAMING PLAN NOTES:

- 1. REFER TO SHEETS <u>S0-1</u> FOR TYPICAL NOTES AND DETAILS.
- 2. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMPING.
- 3. ROOFING MATERIAL BETWEEN LINES 1 & 2 AND D & E IS TO BE REMOVED AND REPLACED IN LIKE KIND SO THAT EXISTING STRUCTURAL PLYWOOD NAILING CAN BE VERIFIED BY IOR AND SO THAT NEW STRAPS CAN BE INSTALLED.

ROOF FRAMING PLAN LEGEND:

EXISTING ROOF FRAMING	
VERIFY NEW ROOF FRAMING	
EXISTING PARAPET ABOVE ROOF	
EXISTING CMU WALL BELOW ROOF	
NEW CMU WALL BELOW ROOF	
ROOF FRAMING PLAN KEY NOTES	

RUUF FRAMING PLAN KET NUTES.

- (1) (E) ¹/₂" CDX T&G ROOF PLY SHEATHING (2) (E) 2¹/₂"x15¹/₂" MINI-LAM SOLID BLKG @ 4'-0"cc w/ H2 T&B ACROSS JOIST
- (3) (E) 2x12 SOLID BLKG @ 4'-0"cc
- (E) LSTA18
- (5) (N) 4x12 SOLID BLKG @ 8'-0"cc
- 6 (N) CS16x19'-0" INSTALL OVER F.O. SP AND NAIL EVERY OTHER HOLE WITH 8d TO (N) 4x12 BLKG PLACE (N) 4x12 BLKG TIGHT TO (E) 2x12 BLKG & FASTEN WITH 6- $\frac{1}{4}$ "Øx4" SDS - SEE <u>5/S4-2</u> AND <u>8/S4-2</u>
- (7) (E) FRAMING-TO-WALL CONNECTIONS TO REMAIN AS-IS WITH NO MODIFICATION TYP ALONG LINES 1 & 2
- (8) (N) FRAMING-TO-WALL CONNECTIONS TO BE PROVIDED PER $\underline{7/S4.02}$ TYP ALONG LINES 1 & 2
- (9) (N) CMU WALL w/ (N) FOUNDATION EXPAND (E) FOUNDATION FOR (N) CMU WALL - SEE <u>6/S4-2</u>
- (10) 1989 DRAWINGS BUILDING ADDITION TO BE REHABILITATED

É A 52-2 —(1) - <u>_ </u>+ - - |- - -/τνρ S4-2 4 53-1 TRUSSES @ 24"cc TYP _____t¥______t 2 É

clarify this area is the addition that is being rehabilitated

- (1) (E) $\frac{1}{2}$ " CDX T&G ROOF PLY SHEATHING
- (2) (E) 16" TJI 550 ROOF TRUSSES @ 24"cc
- (3) (E) 8" CMU WALL w/ #5 VERTICALS @ 32"cc
- (4) (E) FOOTING
- (5) (E) 4" SLAB ON GRADE

