AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		2

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER *(If applicable)*
0004	30 June 2026		N25-04

6. ISSUED BY CODE N944

CNIC Facilities and Construction Contracting
5720 Integrity Drive, Lassen Building 457
Millington, TN 38055
A'Keesha Stark, Contracting Officer
901-930-7405/akeesha.r.stark.naf@us.navy.mil

7. ADMINISTERED BY *(If other than Item 6)* CODE

Debbie Little, Contract Specialist
debra.s.little9.naf@us.navy.mil
(901) 987-6860

8. NAME AND ADDRESS OF CONTRACTOR *(Number, street, county, State and ZIP Code)*

CODE FACILITY CODE

(X)

☐ 9A. AMENDMENT OF SOLICITATION NUMBER
NAVMWR-26-R-0044

9B. DATED *(SEE ITEM 11)*
16 June 2026

☐ 10A. MODIFICATION OF CONTRACT/ORDER NUMBER

10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

CHECK ONE	
☐	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
☐	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☐	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☐	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

Repair Community Recreation Center Bldg. 45
Amendment 0004

Continued on page Page 2...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		A'Keesha Stark, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	

BLOCK 14 CONTINED:

A. CHANGES:

This amendment is issued to remove Section L-19.1. B. “Drawings: Provide the following to support the design narrative; improving and validating the 15% conceptual set” in its entirety from the solicitation requirements.

ADD:

Add As Built Drawings as Attachment 1.

//ALL ELSE REMAIN UNCHANGED//

ATTACHMENT A

ROOFTOP UNIT SCHEDULE

MARK	CFM	MIN. O.A. CFM	FAN DATA				HEATING DATA				COOLING DATA							ELECTRICAL DATA						UNIT WEIGHT	FILTER DATA	REMARKS	MFR.	MODEL
			SUPPLY				NAT GAS				ENT. AIR		LVG. AIR															
			E.S.P.	HP	VOLTS	PH	INPUT	OUTPUT	EAT	LAT	DB °F	WB °F	DB °F	WB °F	SENSIBLE MBH	TOTAL MBH	COND. TEMP.	VOLTAGE	COMPRESSOR DATA	CONDENSER FAN DATA	EVAP. FAN DATA	RETURN FAN DATA	MIN. CKT. AMPS	MAX FUSE				
RTU-1	11,500	2000	2.0	15	208	3	350	283	70	93	80	67	58	56	309.3	412.8	95	208/3/60	1 @ 62.8 RLA 1 @ 62.8 RLA	3 @ 7 FLA EA.	44.4 FLA	NONE	220.1	250	–	2"MERV8	SEE NOTES	TRANE	YCD420A (35-TONS)
RTU-2	15,000	3200	2.0	15	208	3	400	324	70	90.4	80	67	58	56	389.2	509.2	95	208/3/60	2 @ 62.8 RLA 1 @ 41.9 RLA	4 @ 7 FLA EA.	44.4 FLA	NONE	269	300	–	2"MERV8	SEE NOTES	TRANE	YCD480 (40-TONS)

NOTES:

1. PROVIDE STAINLESS STEEL HEAT EXCHANGER AND STAINLESS STEEL DRAIN PAN.
2. PROVIDE REFRIGERANT SERVICE VALVES, NATURAL GAS HEAT, MODULATING ENTHALPY ECONOMIZER W/ LOW LEAK DAMPERS & BAROMETRIC RELIEF.
3. 2" MERV 8 FILTERS.
4. PROVIDE UNIT MOUNTED VARIABLE SPEED DRIVE WITH BYPASS
5. PROVIDE LONTALK COMMUNICATION INTERFACE FOR PROVIDED DDC CONTROL SYSTEM
6. PROVIDE HINGED SERVICE ACCESS.
7. PROVIDE RESTRAINED SPRING ISOLATION ON FAN AND COMPRESSORS WITH MINIMUM 2" DEFLECTION.

COMPUTER ROOM AIR CONDITIONING UNIT SCHEDULE

MARK	CFM	BLOWER MOTOR	COOLING DATA				INDOOR EVAP. UNIT				OUTDOOR CONDENSING UNIT						FILTER DATA	REMARKS
			ENT.AIR		SENSIBLE	TOTAL												
			D.B.	R.H.	BTU/HR	BTU/HR	MODEL	FLA	WSA	OPD	MARK	MODEL	FLA	WSA	OPD	VOLTAGE		
AC-1	885	1/2 HP 208/1/60	75	50%	19,300	23,700	95 °F	LIEBERT # MM024E	34.2	42.8	45	CU-1	PFC027A	12.8	15.7	25	208/1/60	20% EFF. THROW-AWAY	SEE NOTES

1. PROVIDE INDOOR EVAPORATION UNIT AND OUTDOOR CONDENSING UNIT W/MANUFACTURER'S APPROVED CEILING SUPPORT SYSTEM AND ROOF CURB APPLICABLE FOR THIS SPECIFIC BUILDING STRUCTURE.
2. PROVIDE WITH INTEGRAL CONDENSATE PUMP INTERNAL TO UNIT.
3. PROVIDE WITH HUMIDIFIER AND REHEAT. FOR ELECTRIC REHEAT INCL. FAN HT. = 16,040 BTUH. HUMIDIFIER=4.3LBS/HR@1.5KW.
4. PROVIDE MANUFACTURERS TEMP/RELATIVE HUMIDITY SENSOR.
5. PROVIDE CONDENSATE PUMP TO COLLECT CONDENSATE FROM INDOOR UNIT.
6. PROVIDE SUPPLY AND RETURN AIR PLENUM WITH GRILLES.
7. PROVIDE DISCONNECT SWITCH.

FAN POWERED VAV BOX SCHEDULE

VAV MARK	COOLING CFM		FAN AIRFLOW CFM	ELECTRIC HEATING COIL DATA				HEATING BOX L.A.T.	PRESS DROP	FAN MOTOR DATA	NO. OF WIRES	REMARKS	REMARKS
	MAX	MIN		E.A.T.	CAPACITY (KW)	VOLTS/PH	STEPS						
1-1	2100	700	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1403SQ	PARALLEL FAN POWERED
1-2	1400	420	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1003SQ	PARALLEL FAN POWERED
1-3	400	150	400	60	5	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0603SQ	PARALLEL FAN POWERED
1-4	460	150	400	60	5	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0603SQ	PARALLEL FAN POWERED
1-5	1630	500	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
1-6	840	250	500	60	5	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0803SQ	PARALLEL FAN POWERED
1-7	930	300	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1003SQ	PARALLEL FAN POWERED
1-8	1750	500	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
1-9	1400	420	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1003SQ	PARALLEL FAN POWERED
1-10	2000	500	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
2-1	300	100	300	60	3	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0603SQ	PARALLEL FAN POWERED
2-2	700	310	500	60	3	208/3	2	95	0.8	N/A	4	TRANE VCEF 08	PARALLEL FAN POWERED
2-3	1890	500	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
2-4	240	90	240	60	3	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0603SQ	PARALLEL FAN POWERED
2-5	1600	0	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
2-6	1600	0	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1203SQ	PARALLEL FAN POWERED
2-7	820	820	500	60	5	208/3	2	95	0.8	1/8 HP	4	TRANE VPEF 0803SQ	PARALLEL FAN POWERED
2-8	2100	700	1100	60	12	208/3	2	95	0.8	1/3 HP	4	TRANE VPEF 1403SQ	PARALLEL FAN POWERED
2-9	1300	165	N/A	60	3	208/3	2	95	0.6	N/A	4	TRANE VCEF 10	
2-10	1320	165	N/A	60	3	208/3	2	95	0.6	N/A	4	TRANE VCEF 10	

NOTES:

1. PROVIDE FAN POWERED BOX, LOW PROFILE, PRESSURE INDEPENDENT, WITH DDC CONTROLS. COORDINATE DDC CONTROLS WITH OWNER TO INSURE COMPATIBILITY WITH EXISTING SYSTEM. DO NOT PROVIDE CONTROLS BY COMPANIES NOT APPROVED BY THE USER.
2. PRIMARY INLET STATIC PRESSURE IS 1.0"WC, DOWNSTREAM ALLOWED STATIC PRESSURE IS 0.25"WC.
3. PROVIDE THROWAWAY FILTERS, FIBRE FREE LINER, ELECTRIC HEATING COIL.
4. UNITS SHALL BE 208-VOLT, THREE PHASE POWER WITH A SINGLE POINT POWER CONNECTION.

FAN SCHEDULE

MARK	TYPE	CFM	S.P.	FAN RPM	MOTOR	SONES	STARTER	REMARKS
EF-1	ROOF MTD., DIRECT DR.	1100	0.25	1460	1/4HP-120V-1ø-60HZ	9.1	MANUAL W/ RELAY	GREENHECK G-101-A, NOTE 1
EF-2	ROOF MTD., DIRECT DR.	1140	0.25	1497	1/4HP-120V-1ø-60HZ	9.4	MANUAL W/ RELAY	GREENHECK G-101-A, NOTE 1
EF-3	ROOF MTD., DIRECT DR.	2000	0.50	943	1/3HP-120V-1ø-60HZ	3.6	MANUAL W/ RELAY	GREENHECK GB-161-3
EF-4	ROOF BELT DRIVE	2150	0.75	1444	3/4HP-208V-3ø-60HZ	–	CONNECT TO HOOD CONTROLS	GREENHECK GB-141-7
MA-4	ROOF BELT DRIVE	2200	0.75	998	3/4HP-208V-3ø-60HZ	–	CONNECT TO HOOD CONTROLS	GREENHECK RSF-100-7
EF-5	ROOF BELT DRIVE	14300	0.75	451	5HP-208V-3ø-60HZ	–	CONNECT TO HOOD CONTROLS	GREENHECK CUBE-420-50
MA-5	ROOF BELT DRIVE	14300	0.75	093	10HP-208V-3ø-60HZ	–	CONNECT TO HOOD CONTROLS	GREENHECK RSF-200-100

1. PROVIDE INSULATED ROOF CURB, BACKDRAFT DAMPER, SPEED CONTRLLER, DISCONNECT SWITCH,
2. PROVIDE FAN WITH SPEED CONTROLLER, GRAVITY BACKDRAFT DAMPER, DISCONNECT SWITCH, HANGING VIBRATION ISOLATION, FLASING FLANGE WITH INTEGRAL BIRDSCREEN EQUAL TO RFC-7, AND WALL SWITCH.

HVAC GENERAL NOTES

1. MANUAL BALANCING DAMPERS TO BE LOCATED WHERE OPERATORS ARE ACCESSIBLE. PROVIDE MANUAL DAMPERS IN ALL LOW-PRESSURE SUPPLY DUCT RUNOUTS.
2. THERMOSTATS IN ROOMS SHALL BE COORDINATED WITH LIGHT SWITCHES PER THE ARCHITECT; INSTALL MAX. 48" AFF.
3. SIZES NOTED FOR RECTANGULAR DUCTWORK ARE SHEET METAL DIMENSIONS. PROVIDE 1/2" INTERNAL LINER WITH 3 PCF DENSITY ON ALL RECTANGULAR RETURN AND TRANSFER AIR DUCTS. PROVIDE 2" EXTERNAL WRAP INSULATION FOR ALL SUPPLY AIR DUCTS.
4. CAULK TAG'S WITH RESILIENT CAULK. CAULK ALL DUCTWORK PENETRATING ROOMS WITH TAG'S WITH RESILIENT CAULKING FOR SOUND DEADENING.
5. LOW PRESSURE DUCT RUNOUTS FROM RECTANGULAR DUCTS TO DIFFUSERS SHALL BE FLEXIBLE ROUND AND 4'-0" MAXIMUM LENGTH, AND SHALL HAVE SAME DIAMETER AS DIFFUSER NECK UNLESS OTHERWISE NOTED.
6. DUCT LOCATIONS THROUGH MASONRY PARTITIONS AND BEARING WALLS MUST BE COORDINATED WITH OTHER OPENINGS AND WALL REINFORCING REQUIRMENTS SO THAT STRENGTH OF WALL IS NOT IMPAIRED.
7. ROUTE DUCTWORK TO ALLOW MAINTENANCE TO ALL ITEMS REQUIRING SERVICE.
8. PROVIDE FLEXIBLE CONNECTIONS TO DUCTWORK AT ALL RTU'S, EF'S, VAV'S, ETC.
9. FLEX AND HARD DUCT RUNOUTS TO CEILING DIFFUSERS SHALL BE THE SAME SIZE AS DIFFUSER NECK SIZE UNLESS OTHERWISE NOTED.
10. PAINT ITEMS VISIBLE THROUGH GRILLES IN CEILINGS FLAT BLACK.
11. THE COLOR OF ALL AIR DISTRIBUTION SHALL BE AS DIRECTED BY THE OWNER OR THE ARCHITECT.
12. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING AND LIGHTING PLANS FOR FINAL LOCATION OF AIR DISTRIBUTION DEVICES AND EQUIPMENT MOUNTED IN CEILING.
13. ALL WALL MOUNTED RECESSED CABINET HEATERS SHALL BE MOUNTED 8" AFF.
14. PROVIDE SMOKE DETECTOR ENUNCIATOR PANEL WITH VISUAL AND AUDIBLE SIGNAL WITH TROUBLE ENUNCIATOR, AND INTERCONNECTING WIRING PER NFPA 72, IN ACCORDANCE WITH NFPA-90A. LOCATE SMOKE DETECTOR ENUNCIATOR PANEL AS DIRECTED BY THE FIRE MARSHALL AND BUILDING OFFICIAL.
15. DUCTWORK UPSTREAM OF VAV BOXES SHALL BE SAME SIZE AS BOX INLET UNLESS OTHERWISE NOTED.
16. WHERE PIPING IS ROUTED THROUGH EXTERIOR WALL OF BUILDING, PROVIDE "LINK SEAL" AND SLEEVES FOR PENETRATION OF WALL.
17. PROVIDE ESCUTCHEON PLATES AT ALL PIPING/CONDUIT WALL PENETRATIONS IN FINISHED AREAS.
18. ALL PIPING AND DUCTWORK, EXCEPT IN MECHANICAL ROOMS SHALL BE SUSPENDED BY HANGERS 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE PIPE OR DUCT TO THE BOTTOM OF THE SUPPORT FOR THE HANGER. REFER TO SPECIFICATIONS FOR SEISMIC REQUIREMENTS.
19. THE MECHANICAL SYSTEM SHALL BE CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH LOCAL CODES. PROVIDE RESTRAINTS ON DUCTWORK, PIPING AND EQUIPMENT. SEE SPECIFICATIONS FOR SEISMIC DESIGN.
20. PROVIDE NECESSARY SHEETMETAL DUCTWORK OR PIPING FOR MOUNTING CONTROLS SUCH AS SMOKE DETECTORS AND TEMPERATURE SENSORS.

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AS-BUILT DRAWINGS 1-12-10

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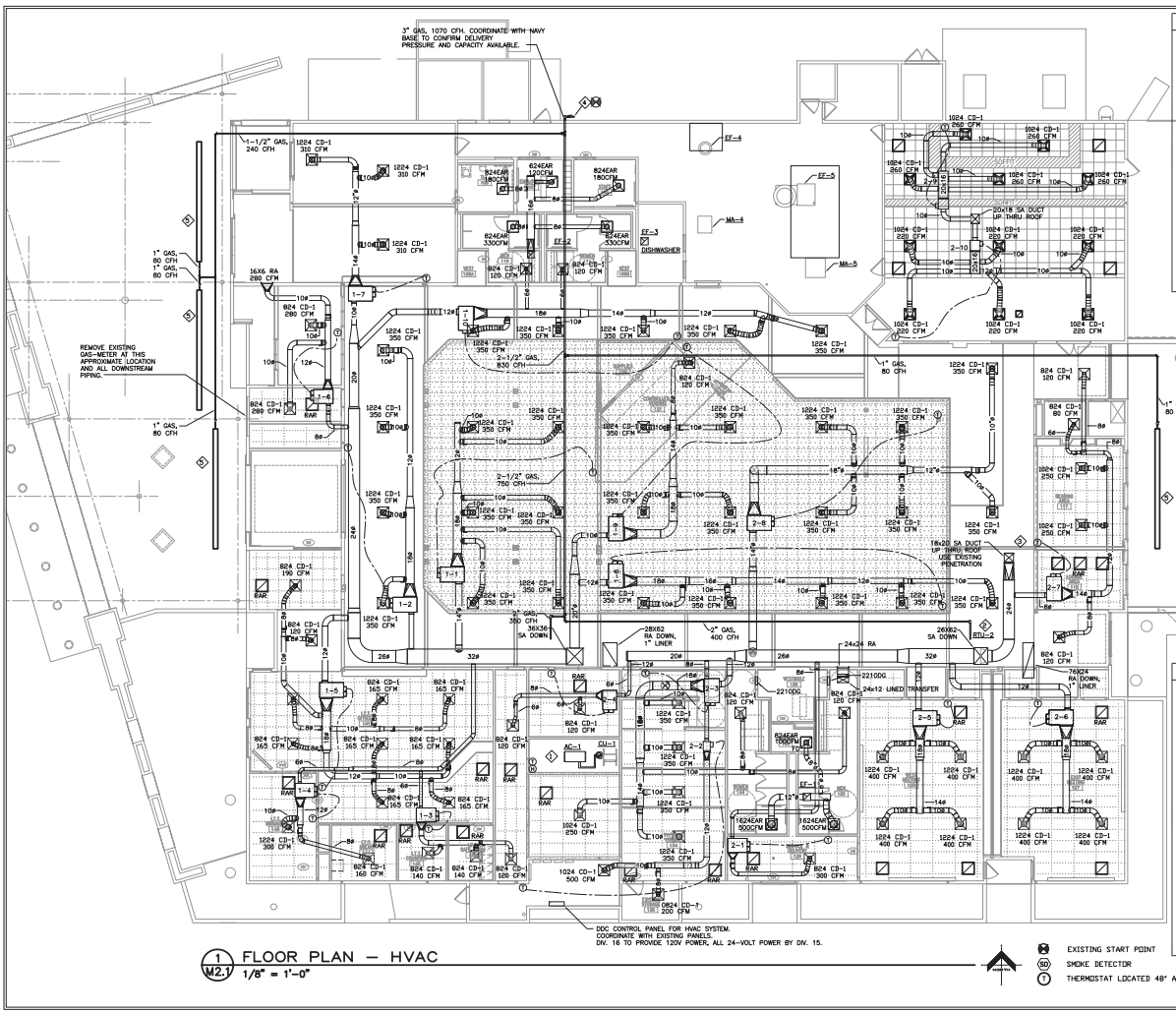
REVISIONS		
NO.	DESCRIPTION	DATE
1	UPDATED TITLE BLOCK	7/1/09
2	RESTAURANT ADDITION	7/22/09
3	RESTAURANT BAR FINAL	7/27/09

PLAN DATE 1-12-10	SHEET NO.
PLOT DATE 1-12-10	M0.1
CHECKED LA	OF
PROJECT JJM	



1 M2.1 FLOOR PLAN – HVAC
1/8" = 1'-0"

KEY NOTES

1. COMPUTER ROOM UNIT, AC-1 IN CEILING AND CU-1 ON ROOF.
2. REPLACE EXISTING RTU'S ON THE ROOF WITH SCHEDULED UNITS. COORDINATE CURB, STRUCTURAL OPENING MODIFICATIONS, AND ROOF FLASHING WITH GENERAL CONTRACTOR. THE APPROXIMATE LOCATION IS INDICATED. COORDINATE WITH FIELD CONDITIONS. COORDINATE ROOF PENETRATION SIZES AND GAS CONNECTION LOCATION WITH EXACT UNIT FURNISHED.
3. CAPPED FOR FUTURE EXTENSION. 6,500 CFM ESTIMATED FUTURE SUPPLY AIR FOR KITCHEN AREA. THIS EXTENSION OF THIS DUCT IS NOT IN THE SCOPE OF THIS PROJECT.
4. CONNECT TO EXISTING GAS SERVICE NEAR METER OUTSIDE OF KITCHEN AREA. ROUTE NEW GAS LINES AS SHOWN. SIZES ARE BASED ON LOW PRESSURE GAS WITH A MAXIMUM LENGTH OF 200-FEET.
5. PROVIDE OUTDOOR INFRARED GAS HEATERS EQUAL TO ROBERTS GORDON VANTAGE HE FOR HIGH MOISTURE ENVIRONMENTS, AND OUTDOOR INSTALLATION. EQUAL TO MODEL HE-80, 20' STRAIGHT TUBE, 11-7' U-TUBE, 80,000 BTUH INPUT AT 4.6" WC MAT. GAS. COORD. WITH DIV 16 CONTRACTOR TO SUPPLY 120V, 1A RLA, 5A FLA AND DISCONNECT TO EACH HEATER. PROVIDE FLUE, END CAPS, REFLECTORS, AND OUTDOOR UNVENTED CERTIFICATION. PROVIDE HONEYWELL SMARTVALVE II GAS VALVE AND HOT SURFACE IGNITION. MAINTAIN MIN. CLEARANCES FROM COMBUSTIBLES AS PER MFR'S RECOMMENDATIONS. PROVIDE BEAM CLAMP, ROD, TURNBUCKLES, AND 5 HOOKS FOR INSTALLATION FROM CANOPY ABOVE. COORDINATE WITH CANOPY LAYOUT AND STRUCTURE. PROVIDE 2-STAGE WALL MOUNTED THERMOSTAT AND FAN SWITCH WITH CONTROL TRANSFORMER INTEGRALLY MOUNTED.

GENERAL NOTES

1. PROVIDE BALANCING DAMPERS IN ALL DUCT RUN OUTS TO DIFFUSERS. LOCATE DAMPER AS CLOSE TO MAIN DUCT AS POSSIBLE. POSITION ALL DAMPERS IN ACCESSIBLE LOCATIONS.
2. MAINTAIN OUTSIDE AIR INTAKES AT LEAST 10-FEET AWAY FROM PLUMBING VENTS AND EXHAUST FAN OUTLETS.

CD-1 – CEILING DIFFUSER – PERFORATED CEILING DIFFUSER, ALUMINUM, FLUSH FACE, CURVED BLADE, 4-WAY ADJUSTABLE DISCHARGE PATTERN, SUPPLY, BORDER TO FIT CEILING TYPE WHERE INSTALLED, EQUAL TO TITUS MODEL PCS-AA WITH DBVD, NECK AND FACE SIZE AS NOTED ON PLANS

RAR – RETURN AIR REGISTER – EQUAL TO TITUS PAR-AA PERFORATED CEILING DIFFUSERS, ALL ALUMINUM, FLUSH FACE.

EAR – EXHAUST AIR REGISTER – MATCHING RAR ABOVE, ALL ALUMINUM.

SAR – SIDEWALL AIR REGISTER – EQUAL TO TITUS LOUVERED SUPPLY REGISTER, ALUMINUM, DOUBLE DEFLECTION, SHORT FRONT BLADES, ¾" SPACING, MODEL 300FS.

DG – DOOR GRILLE, SIGHT PROOF, ALUMINUM, EQUAL TO TITUS MODEL CT-700L WITH AUXILIARY FRAME.

RAG – RETURN AIR GRILLE – EQUAL TO METALAIRE MODEL RHD, 45° DEFLECTION, LONG BLADES, 3/4" BLADE SPACING.

THESE DRAWINGS ARE DIAGRAMMATIC. COORDINATION WITH ALL TRADES, EXISTING CONDITIONS, AND ARCHITECTURAL DOCUMENTS INCLUDING REFLECTED CEILING PLANS, IS REQUIRED. NOT ALL OFFSETS AND ADJUSTMENTS ARE INDICATED.

EXISTING START POINT
SD SMOKE DETECTOR
T THERMOSTAT LOCATED 48" AFF

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AS-BUILT DRAWINGS 1-12-10

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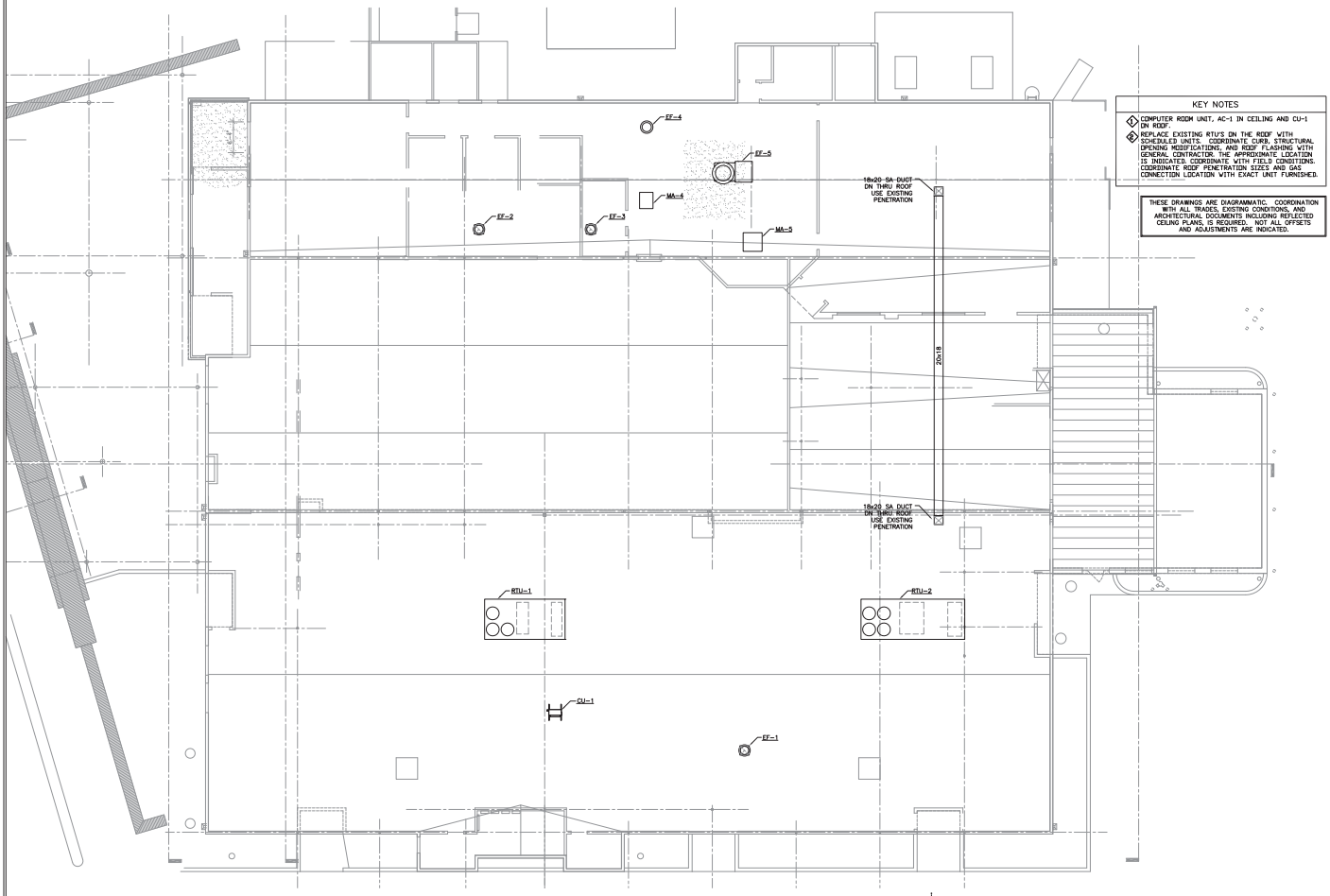

1 M2.1 ROOF PLAN – HVAC
1/8" = 1'-0"

KEY NOTES

1. COMPUTER ROOM UNIT, AC-1 IN CEILING AND CU-1 ON ROOF.
2. REPLACE EXISTING RTU'S ON THE ROOF WITH SCHEDULED UNITS. COORDINATE CURB, STRUCTURAL OPENING MODIFICATIONS, AND ROOF FLASHING WITH GENERAL CONTRACTOR. THE APPROXIMATE LOCATION IS INDICATED. COORDINATE WITH FIELD CONDITIONS. COORDINATE ROOF PENETRATION SIZES AND GAS CONNECTION LOCATION WITH EXACT UNIT FURNISHED.

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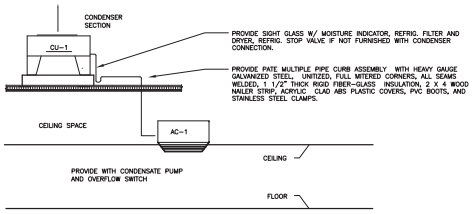
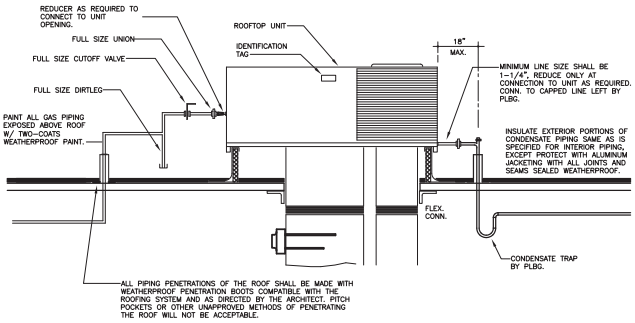


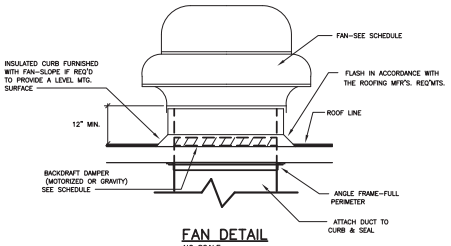
COMPUTER ROOM A/C UNIT PIPING SCHEMATIC

NO SCALE



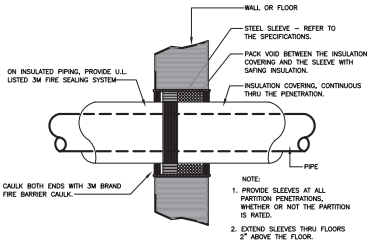
ROOFTOP UNIT MOUNTING DETAIL

NO SCALE



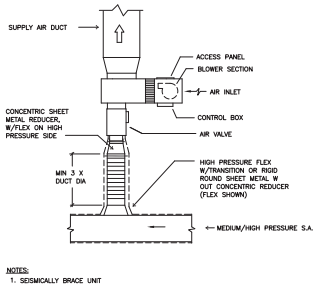
FAN DETAIL

NO SCALE



PENETRATION DETAIL

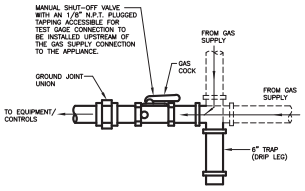
NO SCALE



NOTES:
1. SEISMICALLY BRACE UNIT

FAN POWERED VAV UNIT WITH REHEAT DETAIL

NO SCALE



GAS CONNECTION TO EQUIPMENT DETAIL

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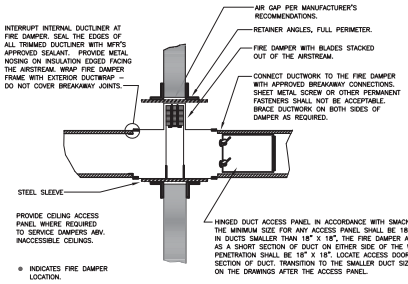

HORIZONTAL FIRE DAMPER DETAIL

NO SCALE

Jackson & Blanc SINCE 1931
MECHANICAL CONTRACTORS, ENGINEERS, INDUSTRIAL, COMMERCIAL, CONTROLS
7929 ARJONS DRIVE, SAN DIEGO, CA 92126 858.831.7900 (FAX) 858.695.9764

AS-BUILT DRAWINGS 1-12-10

ABBOTT ENGINEERING
www.abbotteng.com

REVISIONS		
NO.	DESCRIPTION	DATE
1	UPDATED TITLE BLOCK	7/1/09
2	RESTAURANT ADDITION	7/22/09
3	RESTAURANT BAR FINAL	7/27/09

PLAN DATE 1-12-10	SHEET NO.
PLOT DATE 1-12-10	M4.1
CHECKED LA	
PROJECT JJM	OF

NAVAL BASE
RENOVATIONS TO BUILDING 45 - WATERFRONT RECREATION CENTER

65 UNION AVENUE
SUITE 300, MEMPHIS, TENNESSEE 38103
PHONE: (901) 523-9500 FAX: (901) 523-9502
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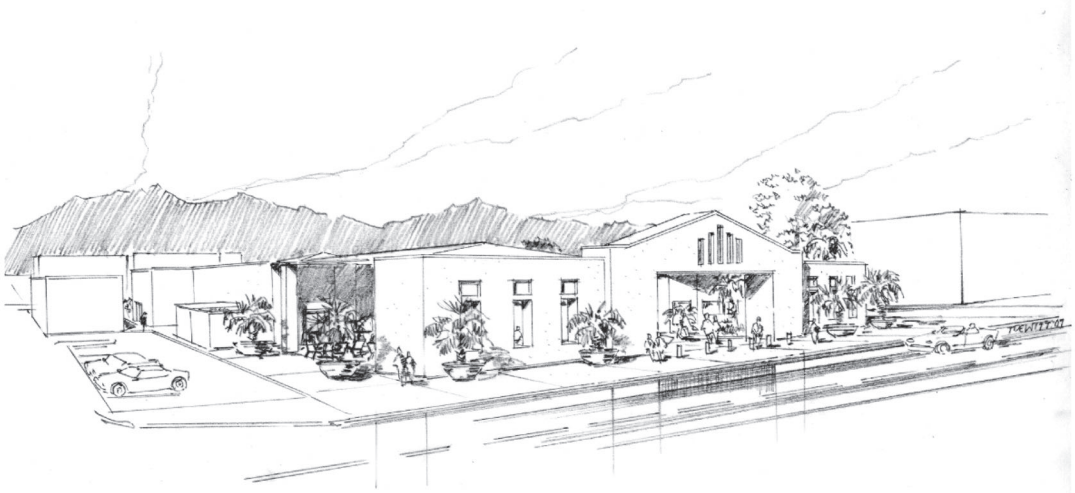

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E2.2 POWER FLOOR PLAN
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E3.1 PANLBOARD SCHEDULES AND RISER DIGRAM

PROJECT LOCATION:

NAVAL STATION SAN DIEGO
3455 SENN ROAD
SAN DIEGO, CALIFORNIA 92136-5084

CLIENT INFORMATION:

DEPARTMENT OF THE NAVY
COMMANDER NAVY INSTALLATIONS
MORALE WELFARE RECREATION DIVISION
5720 INTEGRITY DR.
MILLINGTON, TENNESSEE 38055-8500

Tt PROJECT No.:

200-11674-08001

CLIENT PROJECT No.:

NAVMWR-06-D-0032

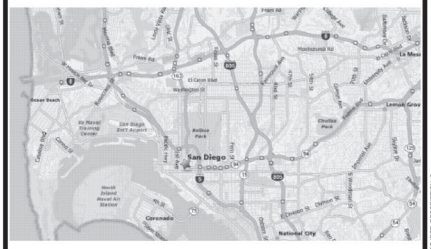
PROJECT DESCRIPTION / NOTES:

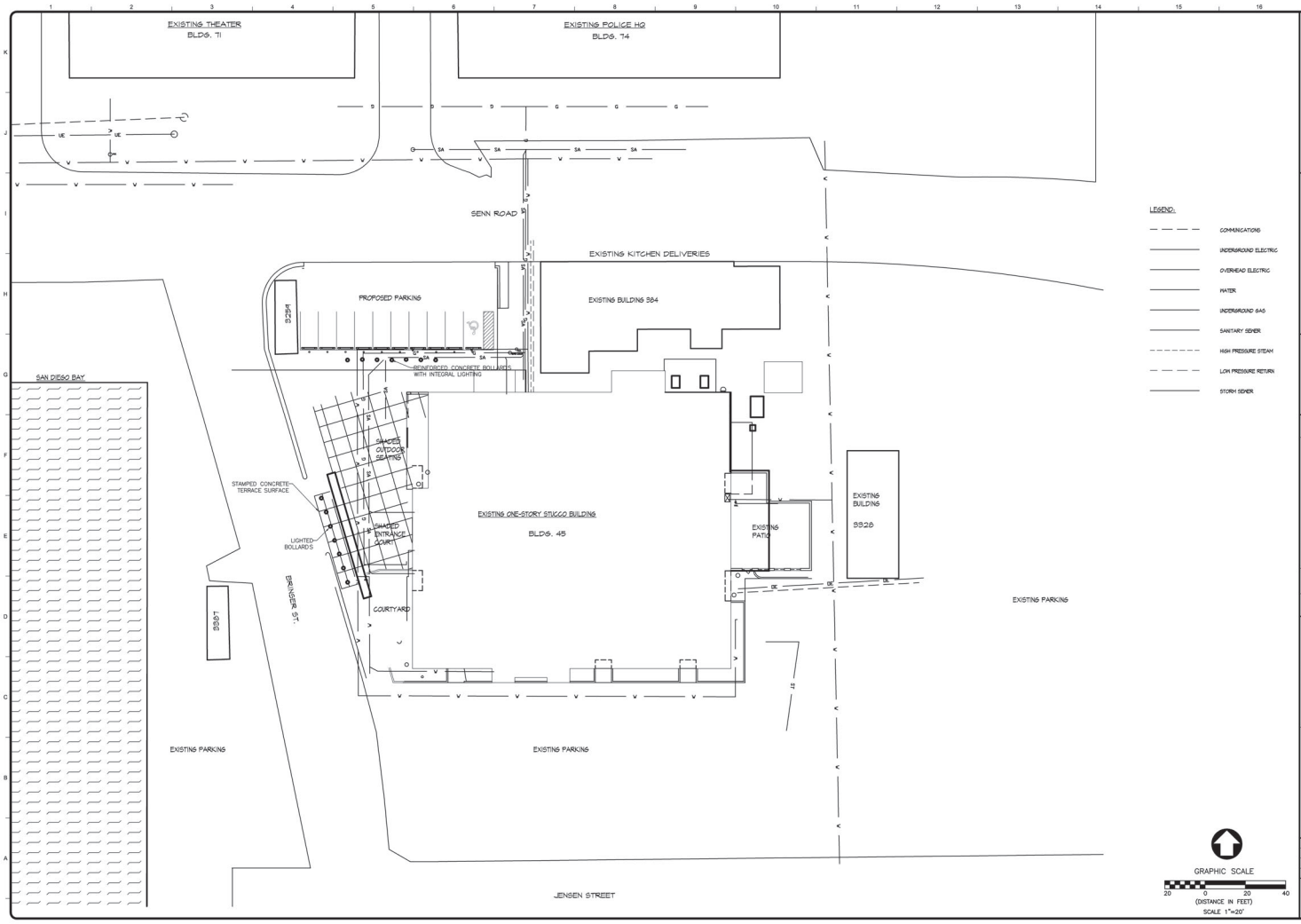
RENOVATION OF BUILDING 45
AT NAVAL STATION SAN DIEGO

ISSUED:

60% CD SUBMITTED 01/18/08
90% CD REVIEW SET 03/31/08

VICINITY MAP


Friars Rd
Mission Gorge Rd
Mission Valley
Fashion Valley
Qualcomm Way
Hotel Circle
Sea World Dr
Ocean View Blvd
Rosecrans St
Sports Arena Blvd
Pacific Highway
Harbor Dr
Washington St
Hotel Circle S



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SPARKS, NEVADA 89431
PHONE: (951) 353-9600

90% REVIEW SET - ISSUED 3/31/05

MARK	DATE	DESCRIPTION	BY

Proj loc: SAN DIEGO, CA

Owner:

US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

OVERALL SITE PLAN

WATERFRONT RECREATION CENTER

Project No.:	200-11674-08001
Designed By:	EMH
Drawn By:	EMH
Checked By:	SWP

C100

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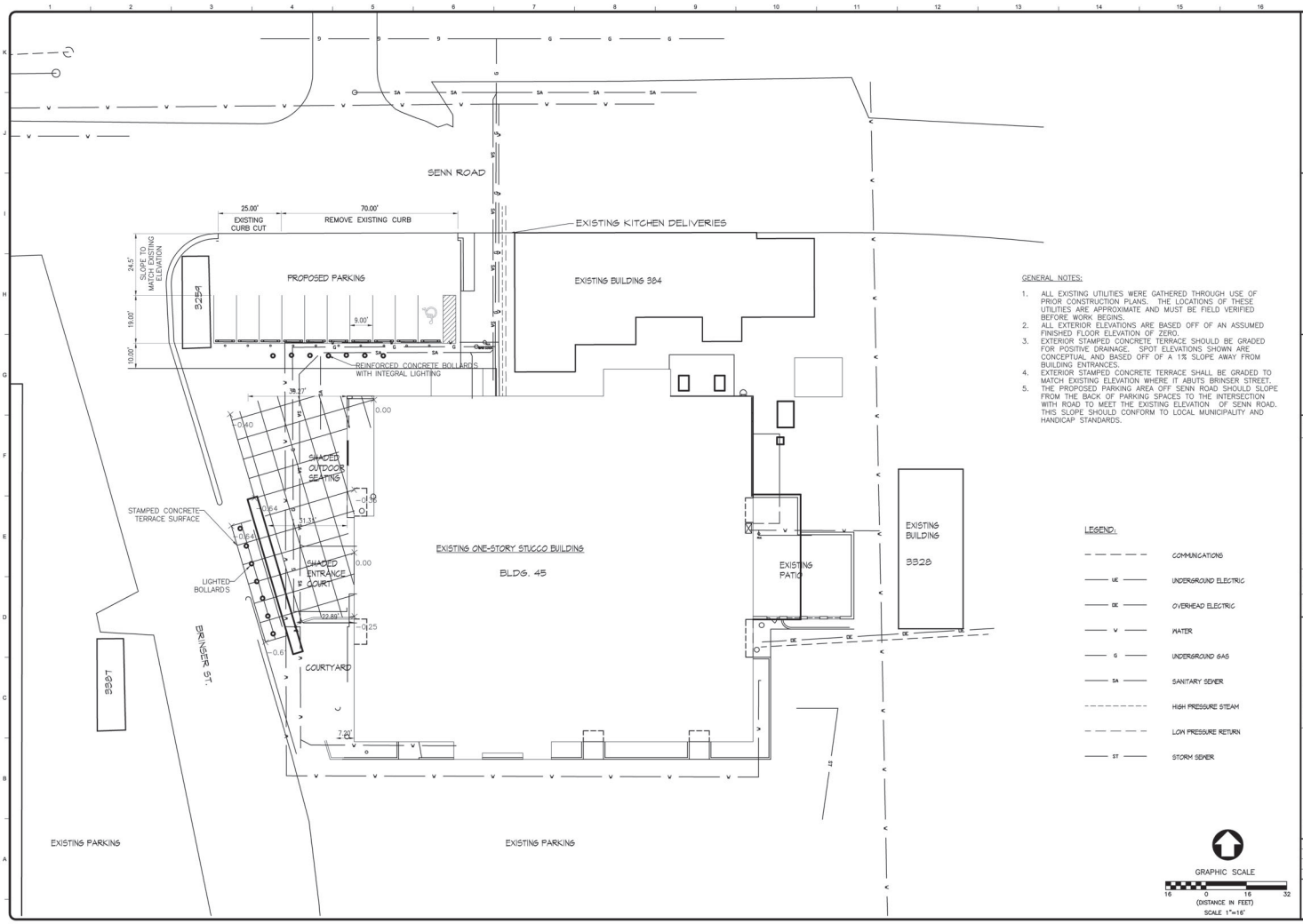

GENERAL NOTES:

1. ALL EXISTING UTILITIES WERE GATHERED THROUGH USE OF PRIOR CONSTRUCTION PLANS. THE LOCATIONS OF THESE UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED BEFORE WORK BEGINS.
2. ALL EXTERIOR ELEVATIONS ARE BASED OFF OF AN ASSUMED FINISHED FLOOR ELEVATION OF ZERO.
3. EXTERIOR STAMPED CONCRETE TERRACE SHOULD BE GRADED FOR POSITIVE DRAINAGE. SPOT ELEVATIONS SHOWN ARE CONCEPTUAL AND BASED OFF OF A 1% SLOPE AWAY FROM BUILDING ENTRANCES.
4. EXTERIOR STAMPED CONCRETE TERRACE SHALL BE GRADED TO MATCH EXISTING ELEVATION WHERE IT ABUTS BRINSER STREET.
5. THE PROPOSED PARKING AREA OFF SENN ROAD SHOULD SLOPE FROM THE BACK OF PARKING SPACES TO THE INTERSECTION WITH ROAD TO MEET THE EXISTING ELEVATION OF SENN ROAD. THIS SLOPE SHOULD CONFORM TO LOCAL MUNICIPALITY AND HANDICAP STANDARDS.

LEGEND:

— — — —	COMMUNICATIONS
—— UE ——	UNDERGROUND ELECTRIC
—— OE ——	OVERHEAD ELECTRIC
—— W ——	WATER
—— G ——	UNDERGROUND GAS
—— SA ——	SANITARY SEWER
- - - - - -	HIGH PRESSURE STEAM
— — — —	LOW PRESSURE RETURN
—— ST ——	STORM SEWER

GRAPHIC SCALE
16 0 16 32
(DISTANCE IN FEET)
SCALE 1"=16'

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90% REVIEW SET - ISSUED 3/31/09

MARK	DATE	DESCRIPTION	BY

Proj Loc: SAN DIEGO, CA
US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45
SITE PLAN
WATERFRONT RECREATION CENTER

Owner:

Project No.:	200-11674-08001
Designed By:	EMH
Drawn By:	EMH
Checked By:	SWP

C101

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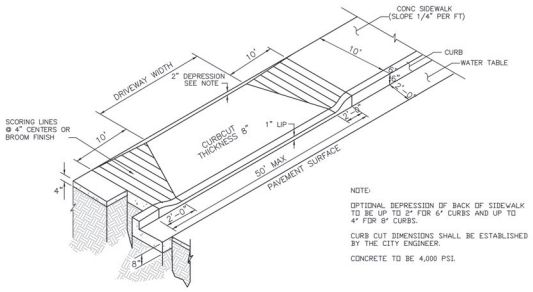


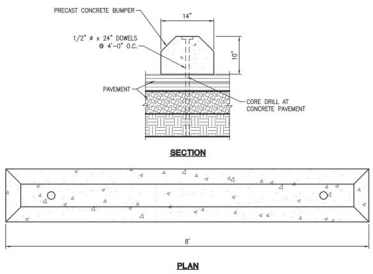
NOTE:

OPTIONAL DEPRESSION OF BACK OF SIDEWALK TO BE UP TO 2" FOR 6" CURBS AND UP TO 4" FOR 8" CURBS.

CURB CUT DIMENSIONS SHALL BE ESTABLISHED BY THE CITY ENGINEER.

CONCRETE TO BE 4,000 PSI.

TYP CURB CUT DETAIL
SCALE: NTS
REF.:



TYP WHEEL STOP DETAIL
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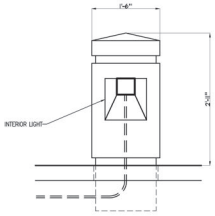

TYP BOLLARD DETAIL
SCALE: NTS
REF.:

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90% REVIEW SET - ISSUED 3/31/09

MARK	DATE	DESCRIPTION	BY

Proj loc: SAN DIEGO, CA

Owner:

US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

SITE DETAILS

WATERFRONT RECREATION CENTER

Project No.:	200-11674-08001
Designed By:	EMH
Drawn By:	EMH
Checked By:	SWP

C500

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GENERAL NOTES

A. THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PROJECT INFORMATION FOR THE PLANS READER'S CONVENIENCE. SEE ALSO INDIVIDUAL PLAN NOTES FOR FURTHER DETAILS AND REQUIREMENTS.

B. ALL REFERENCES TO REFERENCE STANDARDS HEREIN ARE TO MOST RECENT ISSUE IN EFFECT AS OF THE DATE OF THESE DOCUMENTS.

C. ALL ELEVATIONS ARE REFERENCED TO GROUND FLOOR EL. 0'-0" ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO THIS DATUM UNLESS NOTED.

D. ABBREVIATIONS:

A.R.	– ANCHOR ROD	F'DN.	– FOUNDATION	REQ'D	– REQUIRED
ALT.	– ALTERNATE	F.S.	– FAR SIDE	REV.	– REVISED/REVISION
ARCH.	– ARCHITECT(URAL)	FT.	– FOOT, FEET	SCHED.	– SCHEDULE
BLDG.	– BUILDING	FTG.	– FOOTING	SIM.	– SIMILAR
BM.	– BEAM	GA.	– GAGE	SQ.	– SQUARE
BLDG.	– BOTTOM	GALV.	– GALVANIZED	STD.	– STANDARD
BRG.	– BEARING	H.A.	– HOLLOW CORE	STL.	– STEEL
CFS	– COLD FORMED STEEL	HORIZ.	– HORIZONTAL	STRUCT.	– STRUCTURAL
CJ	– CONTROL JOINT	H.P.	– HIGH POINT	S.W.	– SHEAR WALL
CL	– CENTERLINE	I.J.	– ISOLATED JOINT	TEMP.	– TEMPERATURE
CLR.	– CLEAR	J.T.	– JOINT	T/	– TOP OF
CMU	– CONCRETE MASONRY UNIT	L	– ANGLE	TYPICAL	– TYPICAL
COL.	– COLUMN	LLH	– LONG LEG HORIZ.	U.N.O.	– UNLESS NOTED OTHERWISE
CONC.	– CONCRETE	LLV	– LONG LEG VERT.	VERT.	– VERTICAL
CTR.	– CENTER	LG.	– LONG	VS.	– VALLEY SET
DBA	– DEFORMED BAR ANCHOR	LWR.	– LOWER	W/	– WITH
DEMO	– DEMOLITION	MAT'L.	– MATERIAL	WD.	– WOOD
DIA.	– DIAMETER	MAX.	– MAXIMUM	W/O	– WITHOUT
DIM.	– DIMENSION	MECH.	– MECHANICAL	W.W.F.	– WELDED WIRE FABRIC
DN	– DOWN	MFR.	– MANUFACTURER		
DWG.	– DRAWING	MIN.	– MINIMUM		
EA.	– EACH	MISC.	– MISCELLANEOUS		
E.J.	– EXPANSION JOINT	MTL.	– METAL		
EL.	– ELEVATION	N.F.	– NEAR FACE		
ELEC.	– ELECTRICAL	N.T.S.	– NOT TO SCALE		
EQ.	– EQUAL	O/C	– ON CENTER		
E.B.	– EACH FACE	OPN'G	– OPENING		
E.W.	– EACH WAY	PL.	– PLATE		
EXIST.	– EXISTING	P.L.F.	– POUNDS PER FOOT		
EXP.	– EXPANSION	PSF	– POUNDS PER FOOT^2		
FIN.	– FINISH	PSI	– POUNDS PER FOOT^2		
FD.	– FLOOR DRAIN	RAD.	– RADIUS		
FLR.	– FLOOR	REINF.	– REINFORCING		

E. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS NOTED ON THESE PLANS (DIMENSIONS, ELEVATIONS, CONSTRUCTION DETAILS, ETC.) AND TO COORDINATE SAME WITH OWNER.

F. REPORT ANY EXISTING CONDITIONS NOT AS INDICATED ON THE CONTRACT DOCUMENTS.

DESIGN CRITERIA

DESIGN PER INTERNATIONAL BUILDING CODE (IBC–2003) THESE CRITERIA APPLY TO FEE–STANDING FACADE

A. DEAD LOADS:

ROOFS..... 6 PSF

DEAD LOAD INCLUDES PROVISION FOR HANGING LOADS INCLUDING SPRINKLERS, DUCTWORK, PLUMBING, CEILING AND OTHER MISCELLANEOUS COMPONENTS. REFER TO PLAN SHEET FOR CONCENTRATED LOADING.

B. LIVE LOADS:

TENSILE FABRIC CANOPY..... 16 PSF (NET UPLIFT)
LOBBIES AND CORRIDORS.....100 PSF
OFFICES..... 50 PSF

C. WIND DESIGN CRITERIA:

BASIC WIND SPEED (3–SECOND GUST)= 85 MPH
WIND IMPORTANCE FACTOR, I = 1.0
WIND EXPOSURE CATEGORY = D

D. SNOW LOAD:

GROUND SNOW LOAD, Pg = 0 PSF

E. SEISMIC DESIGN CRITERIA:

SEISMIC USE GROUP: I
SEISMIC IMPORTANCE FACTOR = 1.0
Sa = 1.437g
S1 = 0.572g
SITE CLASS = D
SDS = 0.958g
SD1 = 0.572g
SEISMIC DESIGN CATEGORY = D
BASIC SEISMIC–FORCE RESISTING SYSTEM: CONCENTRIC BRACED FRAME
DESIGN BASE SHEAR: V = 2.0 KIPS
SEISMIC RESPONSE COEFFICIENT, R= 5
DEFLECTION AMPLIFICATION FACTOR (Cd): = 4–1/2"
SYSTEM OVERSTRENGTH FACTOR: 2.0
ANALYSIS PROCEDURE: SIMPLIFIED ANALYSIS

FOUNDATION NOTES

1. COORDINATE FOOTING AND PILE CAP LOCATIONS AND ELEVATIONS WITH EXISTING UTILITIES TO REMAIN IN PLACE. SEE PROJECT PLANS FOR DETAILS OF SLEEVES AND ADJUST AT THE ENGINEER'S DIRECTION BASED ON ACTUAL SITE CONDITIONS.
2. PRIOR TO CONSTRUCTION OF ANY PERMANENT STRUCTURE, ALL TOPSOIL AND ORGANIC MATERIAL, OR FROZEN, WET, SOFT, LOOSE OR UNDESIRABLE SOIL SHALL BE REMOVED.
3. ALL ENGINEERED FILL BENEATH THE FLOOR SLABS AND FOOTINGS SHALL BE COMPACTED TO AT LEAST 98 PERCENT STANDARD PROCTOR MAXIMUM DRY DENSITY. (MOISTURE CONTENT: OPTIMUM TO OPTIMUM –2% TO+3%) (ASTM 698) (LL ≤ 60% AND PI < 35.)
4. PROOF ROLL EXISTING SUB GRADE. FILL MATERIAL SHALL BE PLACED IN LOOSE LAYERS NOT TO EXCEED 8" AND THEN MECHANICALLY COMPACTED TO AT LEAST THE SPECIFIED PERCENTAGE OF THE MAXIMUM DRY DENSITY. COMPACTION OF ANY FILL BY THE WATER FLOODING METHOD IS UNACCEPTABLE.
5. FOOTINGS SHALL BEAR ON FIRM UNDISTURBED MATERIAL. ANY UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE FOOTING EXCAVATIONS. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED BY THE INDEPENDENT TESTING LABORATORY BEFORE CONCRETE IS POURED. THE ADEQUACY OF THE SOIL SHALL BE DETERMINED BY PROBING, TAKING HAND AUGER SAMPLES OR BY USE OF A SOIL PENETROMETER.
6. SOLS EXPOSED IN THE BASES OF ALL SATISFACTORY FOUNDATION EXCAVATIONS SHALL BE PROTECTED AGAINST ANY DETRIMENTAL CHANGE IN CONDITION SUCH AS FROM DISTURBANCE OR RAIN. SURFACE RUNOFF SHALL NOT BE ALLOWED TO ENTER THE EXCAVATION.
7. FOOTING CONCRETE SHALL BE POURED THE SAME DAY EXCAVATIONS ARE OPENED. IF THIS IS IMPOSSIBLE, STEPS SHALL BE TAKEN TO ADEQUATELY PROTECT THE OPEN EXCAVATIONS.
8. ALL FOOTINGS SUBJECTED TO OUTSIDE WEATHER CONDITIONS SHALL BE LOCATED AT LEAST 1'–6" BELOW FINAL EXTERIOR GRADE AT ANY GIVEN POINT UNLESS OTHERWISE INDICATED.
9. ADEQUATE DRAINAGE SHALL BE PROVIDED AT THE SITE TO MINIMIZE ANY INCREASE IN MOISTURE CONTENT OF THE FOUNDATION SOILS.

CAST–IN–PLACE CONCRETE

A. REFERENCE STANDARD: ACI 301: HOT WEATHER PLACEMENT: ACI 305R. CONTRACTOR TO MAINTAIN COPIES OF THESE SPECIFICATIONS AT JOB SITE.

B. MIX DESIGN SHALL BE DOCUMENTED IN ACCORD WITH SECTION 03300 OF THE PROJECT SPECS AND ACI 301, CHAPTER 3 "PROPORTIONING". MIX DESIGNS WHICH ARE SUBMITTED WITHOUT THE REQUIRED DOCUMENTATION WILL BE REJECTED. FIELD SLUMPS RECORDED AT JOB SITE SHALL NOT EXCEED THE SLUMP ESTABLISHED FOR THE MIX DESIGN.

C. MATERIALS

1. 28 DAY COMPRESSIVE STRENGTHS:
   FOUNDATIONS AND STEM WALLS 4,000 PSI NORMAL WEIGHT
   SLAB ON GRADE 4,000 PSI NORMAL WEIGHT
   ALL OTHER CONCRETE 4,000 PSI NORMAL WEIGHT
2. ALL CONCRETE EXPOSED TO THE ELEMENTS SHALL BE AIR–ENTRAINED IN ACCORDANCE WITH ASTM C260.
3. ALL CONCRETE AGGREGATE SHALL COMPLY WITH ASTM C33 (NORMAL WEIGHT)

D. FORMWORK

1. KEYS INDICATED ARE TO BE 2x4 NOMINAL CONTINUOUS, U.N.O.
2. CAMBER: PROVIDE CAMBER TO COMPENSATE FOR DISPLACEMENT OF FORMS (SEE ALSO SPECS) AND TO PROVIDE AS–CAST MEMBER CAMBER AS NOTED ON PLANS.
3. RUSTICATION STRIPS, CHAMFERS, DRIPS, MISC. EMBEDS, ETC. SEE PLANS AND/OR ARCHITECTURAL DRAWINGS.
4. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF SLABS AND FOUNDATIONS.
5. OPENINGS FOR MEP TRADES ARE TO BE INCLUDED IN THE BID. ALL HOLES FOR OTHER TRADES WHICH MUST BE CUT OR FORMED AND WHICH ARE NOT SHOWN ON THE STRUCTURAL DESIGN(S) DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. ANY STRENGTHENING OR ADDITIONAL REINFORCEMENT REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER.

E. REINFORCEMENT:

1. REINFORCING BARS: ASTM A615, GRADE 60
2. FABRICATION: ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND/OR CRSI "REINFORCING BAR DETAILING" (MANUAL OF STANDARD PRACTICE).
3. WELDED SMOOTH WIRE FABRIC – ASTM A185 (SHEETS ONLY, ROLL FABRIC NOT ALLOWED)
4. WELDING – ACI 301, SECTION 5.3
5. ACCESSORIES: PROVIDE PROTECTED BAR SUPPORTS CLASS 1, MAXIMUM PROTECTION (CRSI MANUAL OF STANDARD PRACTICE) FOR ALL SLABS AND BEAMS WITH SOFFITS EXPOSED TO VIEW
6. CORNER BARS: PROVIDE CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AT INTERSECTIONS OF ALL WALLS, FOUNDATIONS AND GRADE BEAMS.
7. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF CONCRETE.
8. MINIMUM COVER FOR REINFORCING:
   FOOTINGS 3.0"
   SLAB ON GRADE 1/3 x (DEPTH) FROM TOP OF SLAB

F. EMBEDDED PIPES OR CONDUIT. MAXIMUM DIAMETER ONE THIRD x SLAB OR WALL THICKNESS, SPACED MINIMUM OF 3 TIMES DIAMETER ON CENTER.

G. CHEMICAL ADHESIVE ANCHOR SYSTEM:

1. CHEMICAL ANCHORS SHALL CONSIST OF AN EQUAL TWO–COMPONENT STRUCTURAL GRADE EPOXY INJECTION MATERIAL CONFORMING TO ASTM C881.
2. APPROVED SYSTEMS INCLUDE HILTI HIT HY150, SIMPSON SET HIGH STRENGTH EPOXY AND REDHEAD EPCON C6 OR ENGINEER APPROVED SUBSTITUTION.
3. ANCHOR RODS SHALL BE STAINLESS STEEL, FURNISHED WITH CHAMFERED ENDS, AND SHALL MEET STRENGTH AND DUCTILITY REQUIREMENTS EQUIVALENT ASTM A36 MATERIAL.
4. INSTALLATION SHALL BE IN CONFORMANCE WITH MANUFACTURER'S PRINTED LITERATURE, AND AS INDICATED ON THE STRUCTURAL DRAWINGS.

H. EXPANSION BOLTS:

1. APPROVED SYSTEMS INCLUDE HILTI KWIK BOLT 3, SIMPSON STRONG BOLT AND REDHEAD TRUBOLT OR ENGINEER APPROVED SUBSTITUTION.

I. GROUT. HIGH STRENGTH, NON–SHRINK STRUCTURAL GROUT.

J. CONCRETE FINISHES. SLAB–SMOOTH TROWEL FINISH.

K. CURING AND PROTECTION: PER ACI 301.

STRUCTURAL STEEL

A. IN ADDITION TO COMPLYING WITH ALL PERTINENT CODES AND REGULATIONS, COMPLY WITH THE FOLLOWING:

AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"

AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", INCLUDING THE "COMMENTARY OF THE AISC SPECIFICATION"

AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" APPROVED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS OF THE ENGINEERING FOUNDATION.

B. PROVIDE A325 BOLTS FOR ALL FRAMING CONNECTIONS. A307 BOLTS MAY BE USED FOR COLUMN ANCHOR BOLTS ONLY. EXPANSION BOLTS SHALL BE "HILTI KWIK BOLTS" OR APPROVED EQUAL.

C. ALL WELDING SHALL CONFORM TO AWS D1.1 "STRUCTURAL WELDING CODE" WITH E70XX ELECTRODES BY THE SHIELDED METAL ARC PROCESS. ALL WELDING SHALL BE PERFORMED BY CURRENTLY CERTIFIED WELDERS. SHOP DRAWINGS SHALL SHOW ALL SHOP AND ERECTION DETAILS INCLUDING CUTS, COPE CONNECTIONS, HOLES, THREADED FASTENERS, RIVETS, AND WELDS.

D. THE APPROVAL OF SHOP DRAWINGS WILL BE FOR SIZE AND ARRANGEMENT OF PRINCIPAL AND AUXILIARY MEMBERS AND STRENGTH OF CONNECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS SHOWN ON THE SHOP DRAWINGS.

E. IMMEDIATELY AFTER SURFACE PREPARATION, APPLY RED OXIDE STRUCTURAL STEEL PRIMER PAINT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. USE PAINTING METHODS WHICH WILL RESULT IN FULL COVERAGE OF JOINTS, CORNERS, EDGES AND ALL EXPOSED SURFACES.

F. PROVIDE TWO COATS OF ASPHALTIC PAINT ON ALL STRUCTURAL STEEL SHAPES EXPOSED TO THE SOIL OR BELOW TOP OF SLAB ON GRADE.

ROUGH CARPENTRY

A. SAWN LUMBER:

1. ALL LOAD–BEARING FRAMING MEMBERS NOT PART OF A PRE–ENGINEERED WOOD SYSTEM SHALL HAVE THE MINIMUM STRENGTH REQUIREMENTS EQUIVALENT TO SOUTHERN PINE, NO. 2 GRADE AS LISTED IN "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" (NDS), WITH A MAXIMUM MOISTURE CONTENT OF 19%. "STUD" GRADE MATERIAL IS STRICTLY PROHIBITED FROM USE. MINIMUM ALLOWABLE DESIGN VALUES:
   BENDING 1,200 PSI
   TENSION PARALLEL TO GRAIN 650 PSI
   HORIZONTAL SHEAR STRESS 175 PSI
   COMPRESSION PERPENDICULAR TO GRAIN 565 PSI
   COMPRESSION PARALLEL TO GRAIN 1,550 PSI
   MODULUS OF ELASTICITY 1,600,000 PSI
2. STRUCTURAL WOOD COMPONENTS SHALL BE OF THE MINIMUM GRADE INDICATED ON THE CONSTRUCTION DOCUMENTS UNLESS NOTED OTHERWISE. MEMBER SIZES INDICATED ON THE STRUCTURAL DRAWINGS ARE NOMINAL SIZES.
3. WALL STUDS WITH CAMBER (CROWN) SHALL NOT EXCEED $\frac{1}{8}$" AT MIDSPAN.
4. WOOD IN CONTACT WITH CONCRETE OR MASONRY, AND WHERE INDICATED ON THE STRUCTURAL DRAWINGS, SHALL BE PRESSURE TREATED IN ACCORDANCE WITH THE MANUAL OF RECOMMENDED PRACTICE OF THE AMERICAN WOOD PRESERVERS' ASSOCIATION STANDARDS (AWPA).
5. THE SHEATHING AND STUDS OF SHEAR WALLS SHALL NOT BE PENETRATED BY UTILITIES, PIPING, ETC., EXCEPT WHERE AUTHORIZED AND DIRECTED BY THE ENGINEER.
6. NAIL FASTENING PATTERN SHALL ADHERE TO THE MOST STRINGENT OF THE NAIL SCHEDULE LISTED ON THE CONTRACT DOCUMENTS. FASTENERS SHALL BE COMMON OR BOX NAILS UNLESS NOTED OTHERWISE. PROVIDE GALVANIZED OR STAINLESS STEEL AS SHOWN.
7. ALL METAL FRAMING ANCHORS AND POST–INSTALLED CONCRETE EPOXY ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN RECOMMENDATIONS.
8. SUBSTITUTIONS MAY BE CONSIDERED FOR THE METAL FRAMING ANCHORS, SUBMIT SUBSTITUTION REQUEST WITH PUBLISHED DESIGN LOADS AND METHODS FOR ATTACHMENT. SUBSTITUTION REQUESTS MUST BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO THE START OF CONSTRUCTION.
9. PROTECT WOOD FROM THE WEATHER. STACK LUMBER AND PLYWOOD PANELS FLAT WITH SPACERS BETWEEN EACH BUNDLE TO PROVIDE AIR CIRCULATION. COORDINATE SHEATHING INSTALLATION WITH INSTALLATION OF MATERIALS OVER SHEATHING SO SHEATHING IS NOT EXPOSED TO PRECIPITATION OR LEFT EXPOSED AT THE END OF THE WORKDAY WHEN RAIN IS FORECAST.
10. BORED HOLES SHALL BE CENTERED IN STUD MEMBERS AND SHALL NOT EXCEED ($\frac{1}{3}$) x STUD DEPTH FOR SINGLE MEMBERS AND ($\frac{1}{6}$) x STUD DEPTH FOR DOUBLE MEMBERS. BORED HOLES SHALL NOT OCCUR AT FOUNDATION HOLD–DOWN ANCHOR STUDS.
11. CUTTING OR NOTCHING IS NOT ALLOWED FOR LOAD–BEARING WALLS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.

B. ENGINEERED WOOD TRUSS

1. ENGINEERED WOOD TRUSS SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE NDS AND ANSI/TPI 1–2002. ALL TRUSSES SHALL BE DESIGNED FOR THE SUPERIMPOSED LOADS STATED IN THE DESIGN CRITERIA, IN ADDITION TO SPECIAL LOADING CONDITIONS WHERE SPECIFIED ON THE STRUCTURAL DRAWINGS.
2. DESIGN LAYOUT, SPACING AND CONFIGURATION SHALL BE AS INDICATED ON THE STRUCTURAL DRAWINGS.
3. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. SHOP DRAWINGS SHALL CLEARLY INDICATE ALL TRUSS TO TRUSS CONNECTIONS, CONNECTIONS AMONG TRUSS MEMBERS, AND ANY CONNECTORS RELATED TO ITEMS PROVIDED AS PART OF THE ENGINEERED TRUSS SYSTEM. SHOP DRAWINGS SHALL INCLUDE AN ERECTION PLAN WHICH IDENTIFIES ALL ROOF TRUSS COMPONENTS AND ALL TEMPORARY AND PERMANENT BRACING REQUIRED FOR TRUSS DESIGN. SHOP DRAWINGS SHALL BEAR THE ORIGINAL SIGNATURE AND SEAL OF A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER.
4. TRUSSES SHALL BE STORED ON SITE PER THE MANUFACTURER'S RECOMMENDATIONS TO PREVENT DEFORMATION. IMPROPER HANDLING OF THE TRUSSES MAY RESULT IN REMOVAL OF THE TRUSSES FROM THE JOB SITE.
5. INSTALLATION OF ALL TRUSSES SHALL BE DONE PER THE MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MINIMIZE HORIZONTAL BENDING.
6. TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED, OR ALTERED IN ANY WAY WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
7. DAMAGED TRUSSES SHALL BE DISCARDED OR REPAIRED BASED UPON SIGNED AND SEALED REPAIR DRAWINGS PROVIDED BY THE TRUSS MANUFACTURER.
8. PROVIDE SOLID 2x BLOCKING AT ALL CONDITIONS TO SUPPORT ROOF SHEATHING.

C. WOOD SHEATHING

1. PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHALL BE A.P.A. RATED PANEL SHEATHING, DOC PS1 OR PS2, EXP. 1, UNLESS NOTED OTHERWISE. MAXIMUM SPAN SHALL BE NO GREATER THAN 2'–0", UNO. MINIMUM WIDTH OF SUPPORTING FRAMING SHALL BE NOMINAL 2x MEMBERS. REFER TO PLANS FOR THICKNESS AND LOCATIONS. ROOF DIAPHRAGMS AND SHEAR WALLS SHALL CONFORM TO THE PROVISIONS OF THE CALIFORNIA BUILDING CODE. ATTACHMENT OF PLYWOOD, INCLUDING BLOCKING REQUIREMENTS, SHALL CONFORM TO NAILING SCHEDULES WHERE INDICATED ON THE STRUCTURAL DRAWINGS.
2. PANELS SHALL BE INSTALLED WITH PANEL JOINTS CENTERED ON STUDS OR BLOCKING. PANEL SIZES SHALL NOT BE LESS THAN 4'–0"x8'–0" SHEETS EXCEPT AT EDGES WHERE MINIMUM DIMENSION OF 1'–0" IS PERMITTED IF FULLY BLOCKED OR NAILED.
3. SHEATHING FASTENERS SHALL NOT BE SPACED LESS THAN $\frac{3}{8}$" FROM EDGES AND ENDS OF PANELS, STUDS, BLOCKING, AND TOP AND BOTTOM PLATES. FASTENERS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE TOP SURFACE OF THE SHEATHING. IF MORE THAN 20 PERCENT OF THE FASTENERS AROUND THE PERIMETER OF PANELS ARE OVERDRIVEN BY OVER $\frac{1}{8}$" OR IF ANY ARE OVERDRIVEN BY MORE THAN $\frac{3}{8}$", ADDITIONAL FASTENERS SHALL BE INSTALLED ADJACENT TO THE ORIGINAL FASTENER. FOR EVERY TWO FASTENERS OVERDRIVEN, AN ADDITIONAL FASTENER SHALL BE INSTALLED.

F. MECHANICAL FASTENERS

1. ANCHOR BOLTS SHALL BE MINIMUM ASTM A307 WITH DIAMETER AND EMBEDMENT INDICATED ON DRAWINGS. FOUNDATION ANCHOR BOLTS SHALL HAVE AN A36 STEEL PLATE WASHER UNDER EACH NUT NOT LESS THAN 2$\frac{1}{2}$"x2$\frac{1}{2}$"x$\frac{1}{4}$". ALL MATERIAL SHALL BE HOT–DIPPED GALVANIZED.
2. STRUCTURAL BOLTS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1–1981. HOLES SHALL BE DRILLED NOT MORE THAN $\frac{1}{16}$" LARGER THAN BOLT DIAMETER.
3. COMMON WIRE NAILS OR SPIKES SHALL CONFORM TO ASTM F1667. WHERE BORED HOLES ARE PROVIDED TO PREVENT SPLITTING OF WOOD, THE DIAMETER OF THE BORED HOLE SHALL NOT EXCEED SEVENTY FIVE PERCENT (75%) OF THE NAIL OR SPIKE DIAMETER. TOE NAILS SHALL BE DRIVEN AT AN ANGLE 30° FROM THE FACE OF ATTACHED MEMBER AND STARTED ONE–THIRD($\frac{1}{3}$) THE LENGTH OF THE NAIL FROM MEMBER END.

G. WOOD FRAMING CONNECTORS

1. CONNECTOR MODEL NUMBERS REFERENCED ON THE CONSTRUCTION DOCUMENTS ARE MANUFACTURED BY SIMPSON STRONG TIE. SUBSTITUTIONS ARE ACCEPTABLE WITH THE WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. UNLESS NOTED OTHERWISE, INSTALL THE SIZE AND QUANTITY OF CONNECTORS PRESCRIBED FOR THE SPECIFIC CONNECTION TYPE IN ACCORDANCE WITH THE MOST RECENT MANUFACTURER'S CATALOG. FINISH ON ALL CONNECTORS SHALL BE GALVANIZED. ADDITION PROTECTION SHALL BE TAKEN WHEN EXPOSED TO PRESSURE TREATED LUMBER PER MANUFACTURER RECOMMENDATIONS.

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MARK	DATE	DESCRIPTION	BY

Proj Loc: SAN DIEGO, CA
US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

GENERAL NOTES
"WATERFRONT RECREATION CENTER"

Dwn:

Project No.:	200-11674-08001
Designed By:	BIGG
Drawn By:	TLC
Checked By:	CPS

S000

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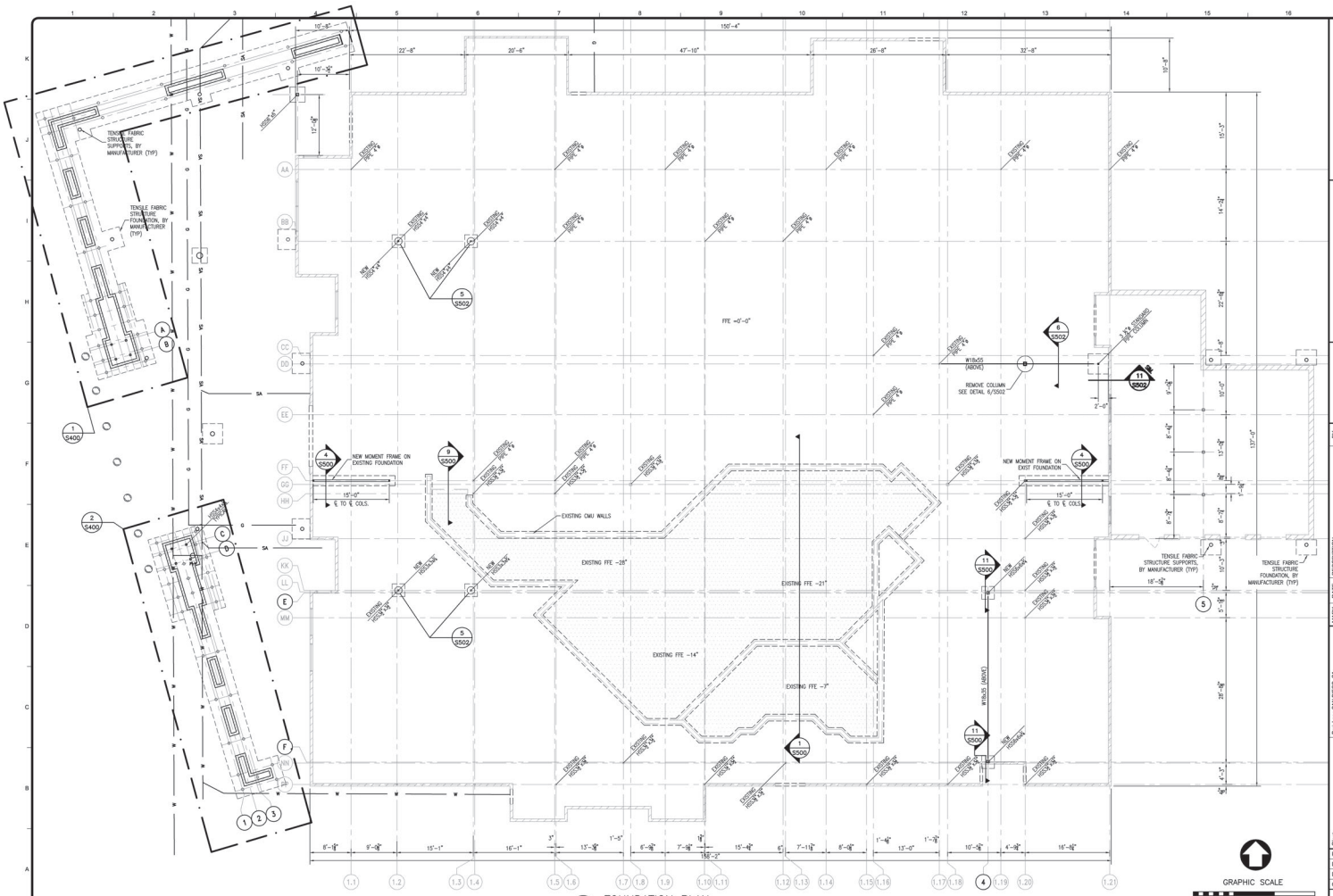

1 FOUNDATION PLAN
1/8"=1'-0"
REF.:

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US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

FOUNDATION PLAN "WATERFRONT RECREATION CENTER"

Date:

Project No.:	200-11674-08001
Designed By:	SWP
Drawn By:	TLC
Checked By:	SWP

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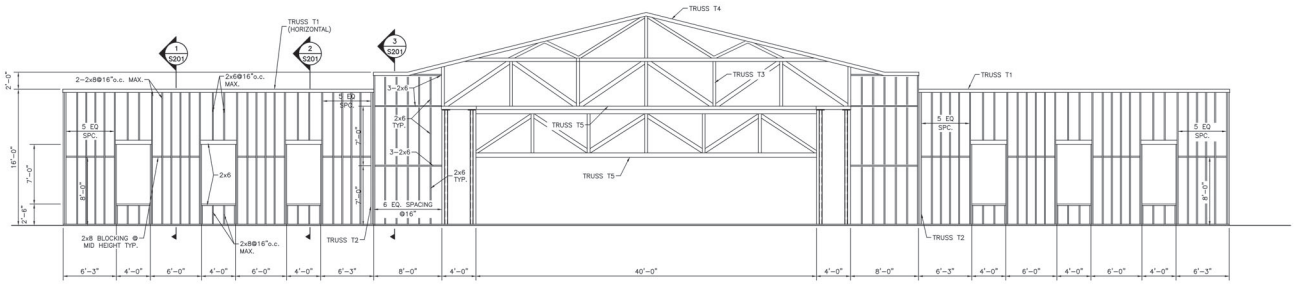

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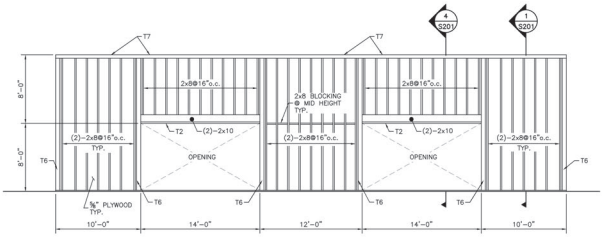

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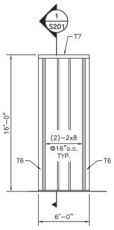

C SOUTH ELEVATION
3/16"=1'-0"
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Owner:
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RENOVATIONS TO BUILDING 45

ELEVATIONS
"WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	SWP
Drawn By:	TLC
Checked By:	SWP

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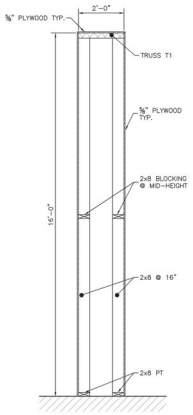

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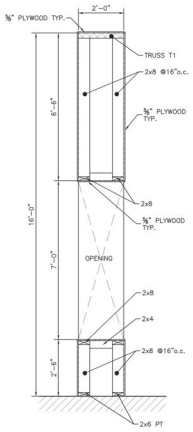

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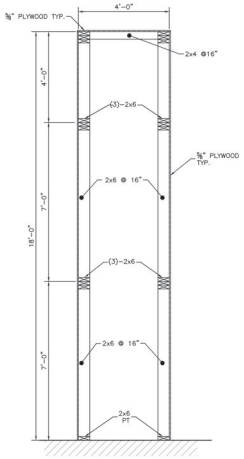

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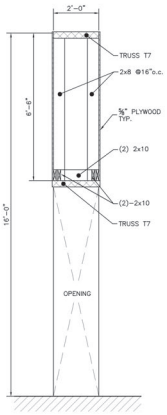

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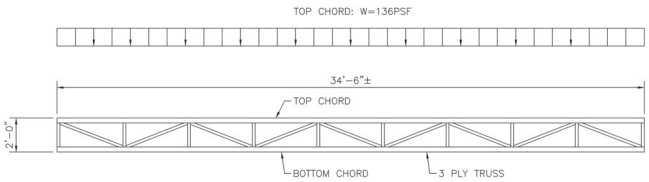

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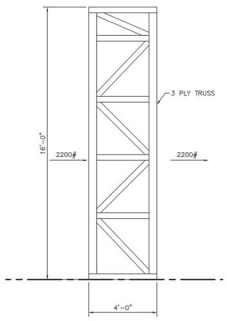

6 TRUSS T2 ELEVATION
3/8"=1'-0"
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Owner:

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RENOVATIONS TO BUILDING 45

TRUSS
LAYOUT PLAN
"WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	SWP
Drawn By:	TLC
Checked By:	SWP

S201

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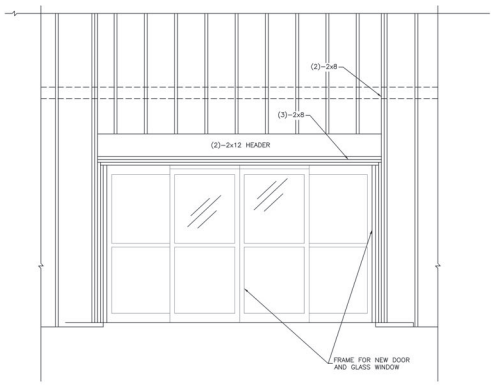

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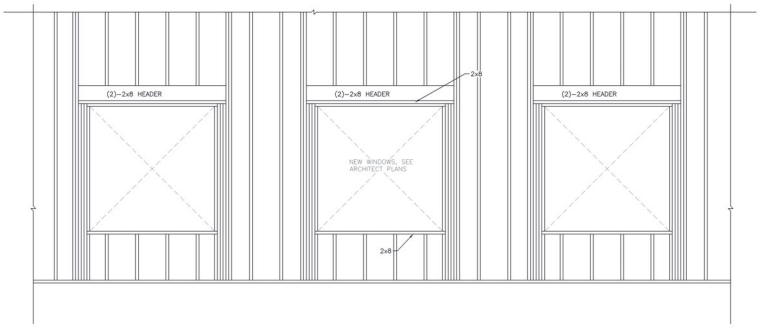

B ELEVATION
1/2"=1'-0"
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RENOVATIONS TO BUILDING 45
Proj Loc: SAN DIEGO, CA

ELEVATION
LAYOUT PLAN
"WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	SWP
Drawn By:	TLC
Checked By:	SWP

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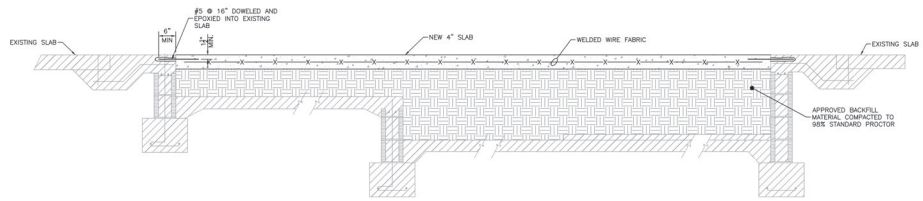

1 DANCE FLOOR INFILL
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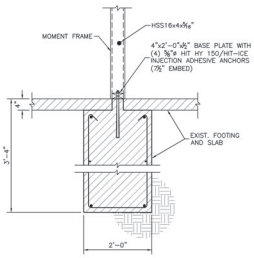

4 BASE - MOMENT FRAME
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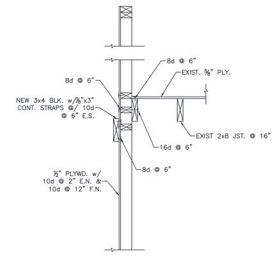

5 NEW WALL, EXISTING WALL REMOVED
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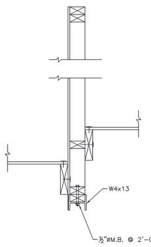

6 W4x13 DRAG STRUT
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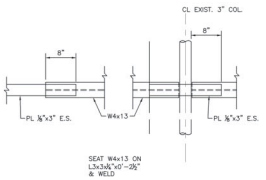

7 DRAG STRUT CONNECTION
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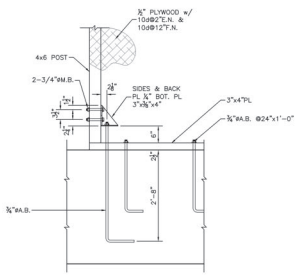

8 HOLD DOWN (HD-5)
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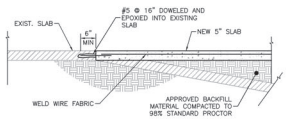
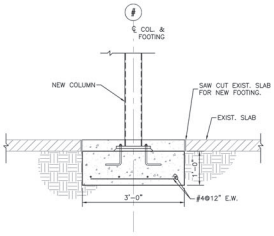


9 NEW SLAB INTO EXISTING RAMP
SCALE: 1/2"=1'-0"

10 NAME
SCALE: TBD



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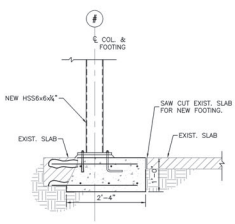

12 NAME
SCALE: TBD

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Proj loc: SAN DIEGO, CA
US NAVY BASE, SAN DIEGO
RENOVATIONS TO BUILDING 45

SECTIONS AND DETAILS "WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	BIGG
Drawn By:	TLC
Checked By:	CPS

S500

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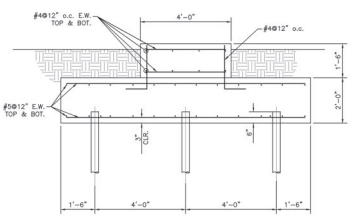

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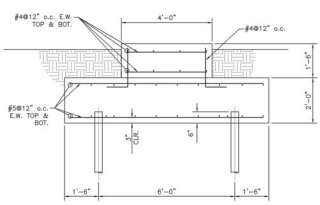

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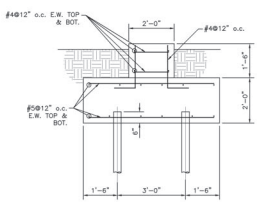

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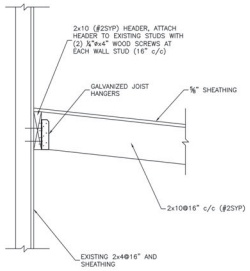

4 SECTION AT EAST SHED ROOF
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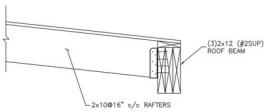

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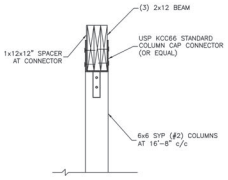

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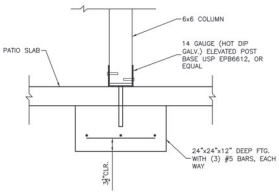

7 SECTION AT FOOTING
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8 NAME
SCALE: TBD

9 NAME
SCALE: TBD

10 NAME
SCALE: TBD

11 NAME
SCALE: TBD

12 NAME
SCALE: TBD

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Owner:
US NAVY BASE, SAN DIEGO
RENOVATIONS TO BUILDING 45

Proj Loc: SAN DIEGO, CA

SECTIONS AND DETAILS
"WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	BIGG
Drawn By:	TLC
Checked By:	CPS

S501

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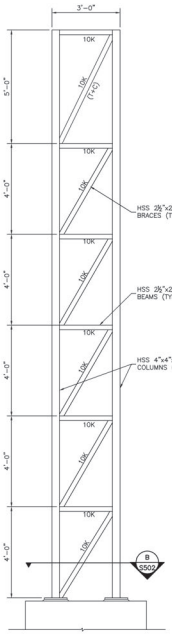
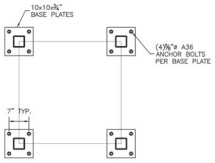
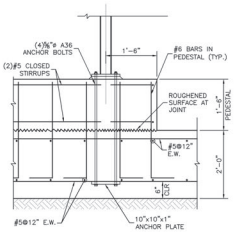


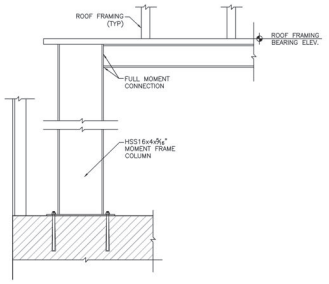
A — STEEL FRAME ELEVATION AT ALL SIDES (TYPICAL)
SCALE: 1/2"=1'-0"



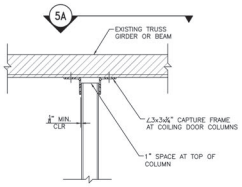
B — PLAN
SCALE: 3/4"=1'-0"



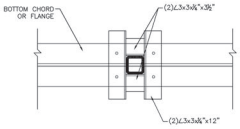
C — SECTION
SCALE: 3/4"=1'-0"



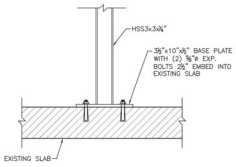
4 — NAME
SCALE: 1/2"=1'-0"



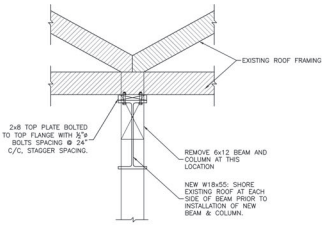
5 — SECTION AT ROOF TRUSS
SCALE: 1 1/2"=1'-0"



5A — SECTION
SCALE: 1 1/2"=1'-0"



5B — SECTION AT EXISTING SLAB
SCALE: 1 1/2"=1'-0"



6 — SECTION
SCALE: 1"=1'-0"

7 — NAME
SCALE: TBD

8 — NAME
SCALE: TBD

9 — NAME
SCALE: TBD

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MARK	DATE	DESCRIPTION	BY

Owner:
Proj loc: SAN DIEGO, CA
US NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

SECTIONS AND DETAILS
"WATERFRONT RECREATION CENTER"

Project No.:	200-11674-08001
Designed By:	BIGG
Drawn By:	TLC
Checked By:	CPS

S502

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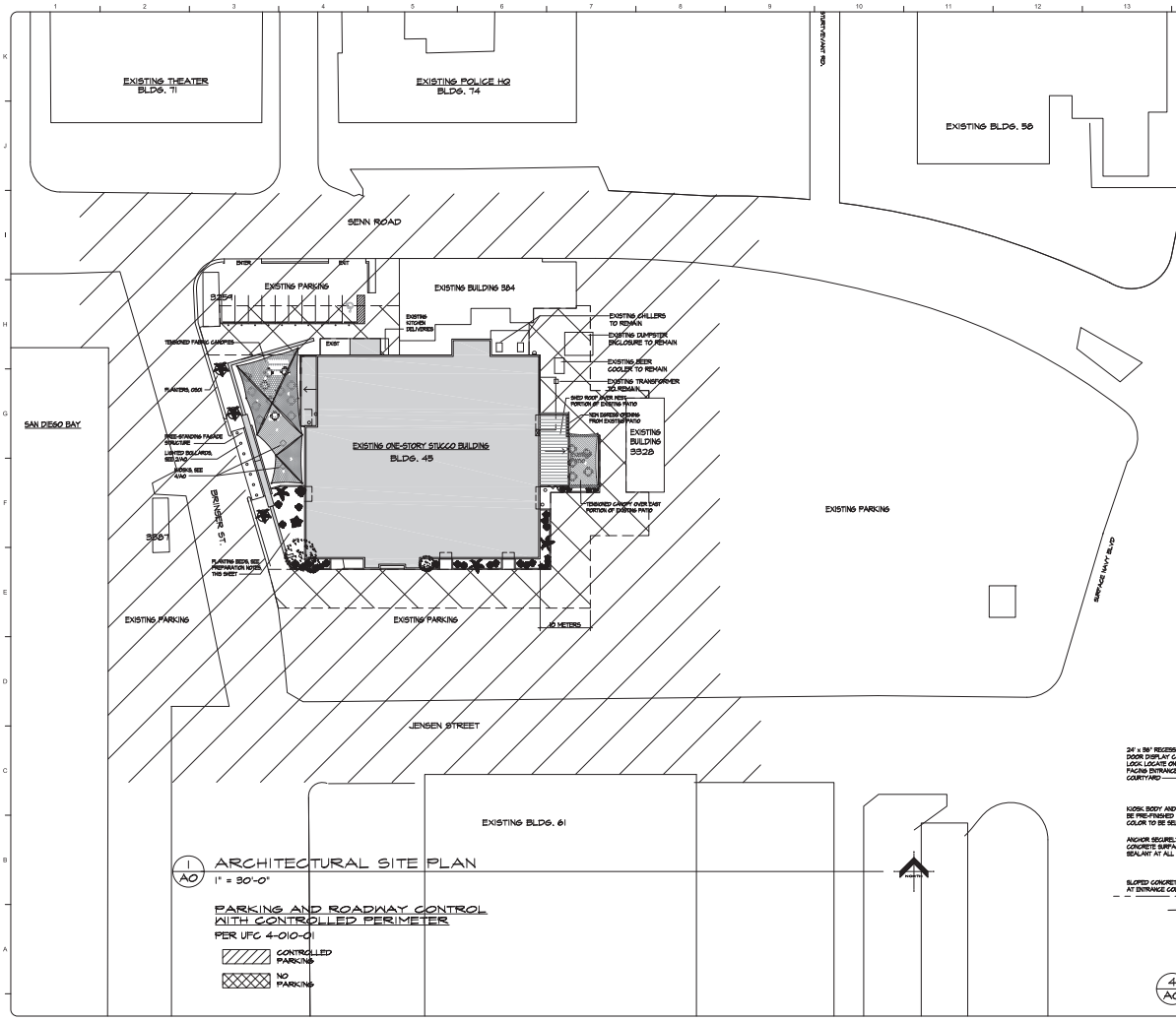


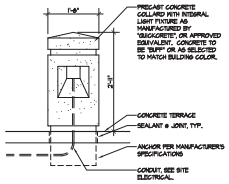
1 A0 ARCHITECTURAL SITE PLAN
1" = 30'-0"

PARKING AND ROADWAY CONTROL WITH CONTROLLED PERIMETER
PER UFC 4-010-01

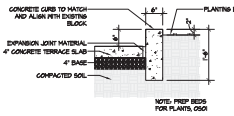
CONTROLLED PARKING
NO PARKING

PLANTER PREPARATION NOTES

1. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
2. PROTECTION OF EXISTING TREES - REFER TO PROJECT MANUAL.
3. MULCH ALL BEDS.
4. NEW PLANTINGS OWNER SUPPLIED, OWNER INSTALLED, OSCI
5. FREESTANDING PLANTER POTS AND PLANTS, OSCI, TYPICAL
6. CONTRACTOR TO RESTORE EXISTING IRRIGATION SYSTEM IN EXISTING BEDS AND EXTEND SYSTEM INTO NEW BEDS.

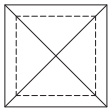


2 A0 DETAIL - BOLLARD
3/4" = 1'-0"



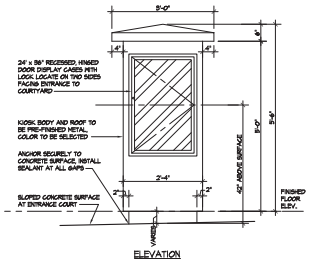
NOTE: PREP BEDS FOR PLANTS, OSCI

3 A0 DETAIL - CURB
3/4" = 1'-0"



TURN 45 DEGREES TO PATH TO ENTRANCE, SEE SHEET A2J

PLAN



ELEVATION

4 A0 DETAIL - INFO KIOSKS
3/4" = 1'-0"

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MARK	DATE	DESCRIPTION	BY

Prepared for: SAN DIEGO, CA
U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

SITE PLAN
"WATERFRONT RECREATION CENTER"

Date:	
Project No:	07128
Designed By:	KBJH
Drawn By:	KBJH
Checked By:	

A0

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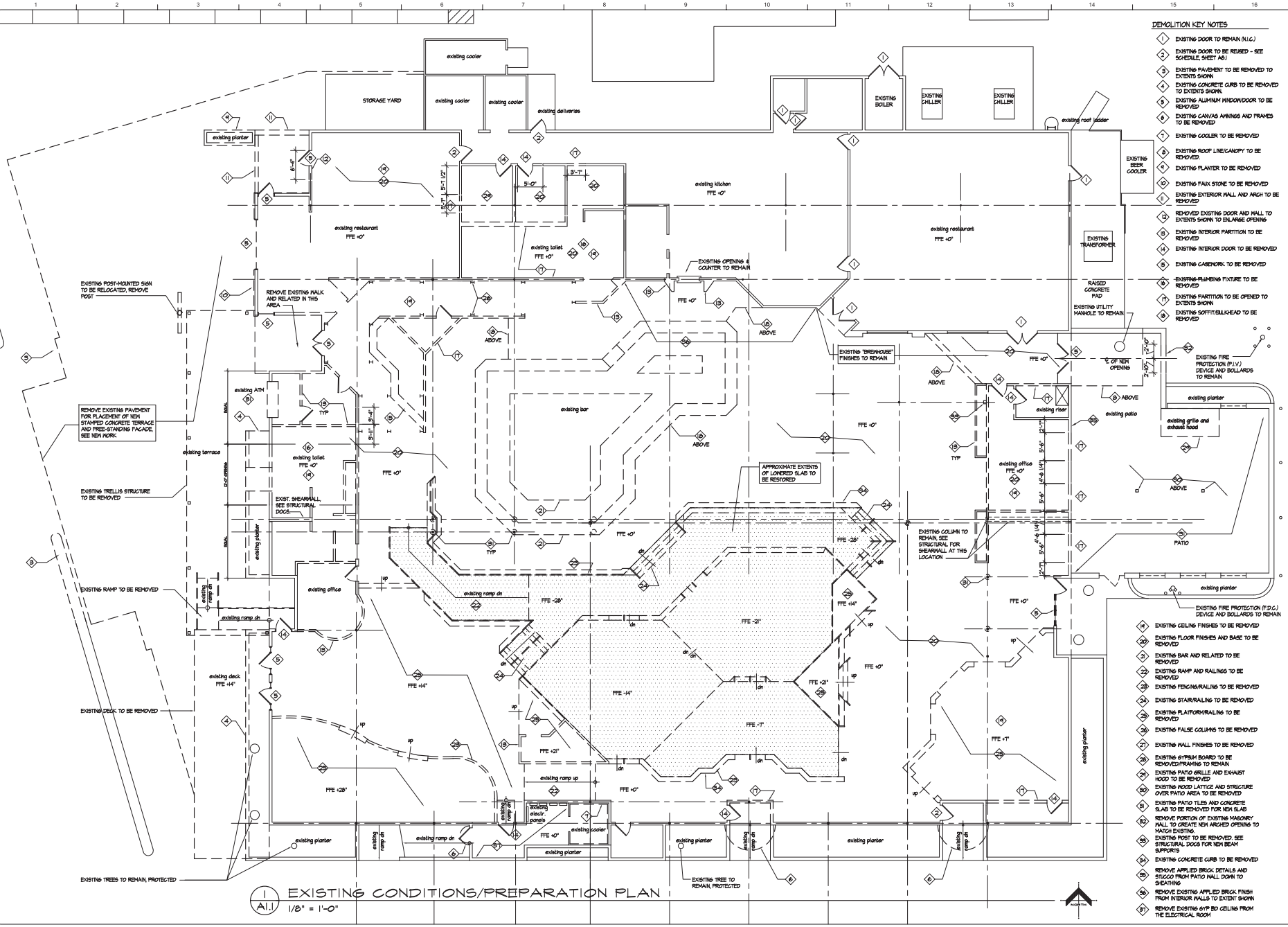

1 A1.1 EXISTING CONDITIONS/PREPARATION PLAN

1/8" = 1'-0"

DEMOLITION KEY NOTES

1. EXISTING DOOR TO REMAIN (N.I.C.)
2. EXISTING DOOR TO BE REUSED - SEE SCHEDULE, SHEET A8.1
3. EXISTING PAVEMENT TO BE REMOVED TO EXTENTS SHOWN
4. EXISTING CONCRETE CURB TO BE REMOVED TO EXTENTS SHOWN
5. EXISTING ALUMINUM WINDOW/DOOR TO BE REMOVED
6. EXISTING CANVAS AWNINGS AND FRAMES TO BE REMOVED
7. EXISTING COOLER TO BE REMOVED
8. EXISTING ROOF LINE/CANOPY TO BE REMOVED.
9. EXISTING PLANTER TO BE REMOVED
10. EXISTING FAUX STONE TO BE REMOVED
11. EXISTING EXTERIOR WALL AND ARCH TO BE REMOVED
12. REMOVED EXISTING DOOR AND WALL TO EXTENTS SHOWN TO ENLARGE OPENING
13. EXISTING INTERIOR PARTITION TO BE REMOVED
14. EXISTING INTERIOR DOOR TO BE REMOVED
15. EXISTING CASEWORK TO BE REMOVED
16. EXISTING PLUMBING FIXTURE TO BE REMOVED
17. EXISTING PARTITION TO BE OPENED TO EXTENTS SHOWN
18. EXISTING SOFFIT/BULKHEAD TO BE REMOVED
19. EXISTING CEILING FINISHES TO BE REMOVED
20. EXISTING FLOOR FINISHES AND BASE TO BE REMOVED
21. EXISTING BAR AND RELATED TO BE REMOVED
22. EXISTING RAMP AND RAILINGS TO BE REMOVED
23. EXISTING FENCING/RAILING TO BE REMOVED
24. EXISTING STAIR/RAILING TO BE REMOVED
25. EXISTING PLATFORM/RAILING TO BE REMOVED
26. EXISTING FALSE COLUMNS TO BE REMOVED
27. EXISTING WALL FINISHES TO BE REMOVED
28. EXISTING GYPSUM BOARD TO BE REMOVED/FRAMING TO REMAIN
29. EXISTING PATIO GRILLE AND EXHAUST HOOD TO BE REMOVED
30. EXISTING WOOD LATTICE AND STRUCTURE OVER PATIO AREA TO BE REMOVED
31. EXISTING PATIO TILES AND CONCRETE SLAB TO BE REMOVED FOR NEW SLAB
32. REMOVE PORTION OF EXISTING MASONRY WALL TO CREATE NEW ARCHED OPENING TO MATCH EXISTING.
33. EXISTING POST TO BE REMOVED, SEE STRUCTURAL DWGS FOR NEW BEAM SUPPORTS
34. EXISTING CONCRETE CURB TO BE REMOVED
35. REMOVE APPLIED BRICK DETAILS AND STUCCO FROM PATIO WALL DOWN TO SHEATHING
36. REMOVE EXISTING APPLIED BRICK FINISH FROM INTERIOR WALLS TO EXTENT SHOWN
37. REMOVE EXISTING GYP BD CEILING FROM THE ELECTRICAL ROOM

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MARK	DATE	DESCRIPTION	BY

Client:

Proj. Loc.: SAN DIEGO, CA

US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

EXISTING CONDITIONS FLOOR PLAN "WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	
Drawn By:	KBJH
Checked By:	

A1.1

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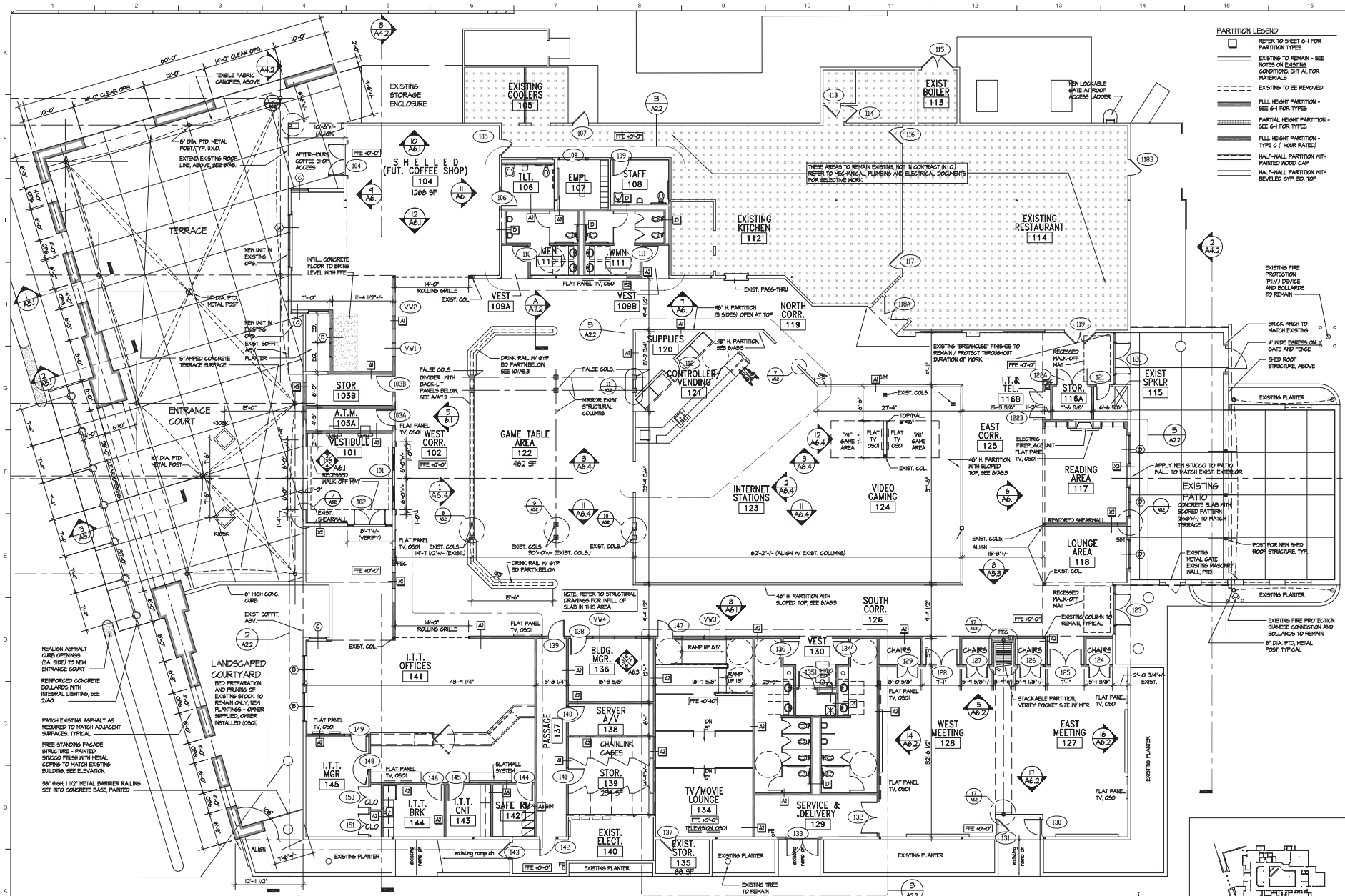

1 A2.1 FLOOR PLAN

1/8" = 1'-0"

NOTE 1: REFER TO DESIGN-BUILD DOCUMENTS, BY OTHERS, FOR DIMENSIONS FOR TENSIONED FABRIC CANOPIES, POSTS AND FOUNDATIONS.
NOTE 2: REFER TO ENLARGED PLANS, SHEET A2.2 FOR ADDITIONAL NOTES AND DIMENSIONS.
NOTE 3: REFER TO PLUMBING DOCUMENTS FOR FLOOR DRAINS IN ALL TOILETS AND JANITORS CLOSET.
NOTE 4: CONTRACTOR SHALL PATCH ALL FLOORS WHERE TRENCHED FOR DEMOLITION/NEW WORK, SEE PLUMBING AND ELECTRICAL DOCS.

KEYPLAN

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MARK	DATE	DESCRIPTION	BY

Client: US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45
Proj. Loc.: SAN DIEGO, CA.

FLOOR PLAN
"WATRERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB,H
Drawn By:	KB,H
Checked By:	

A2.1

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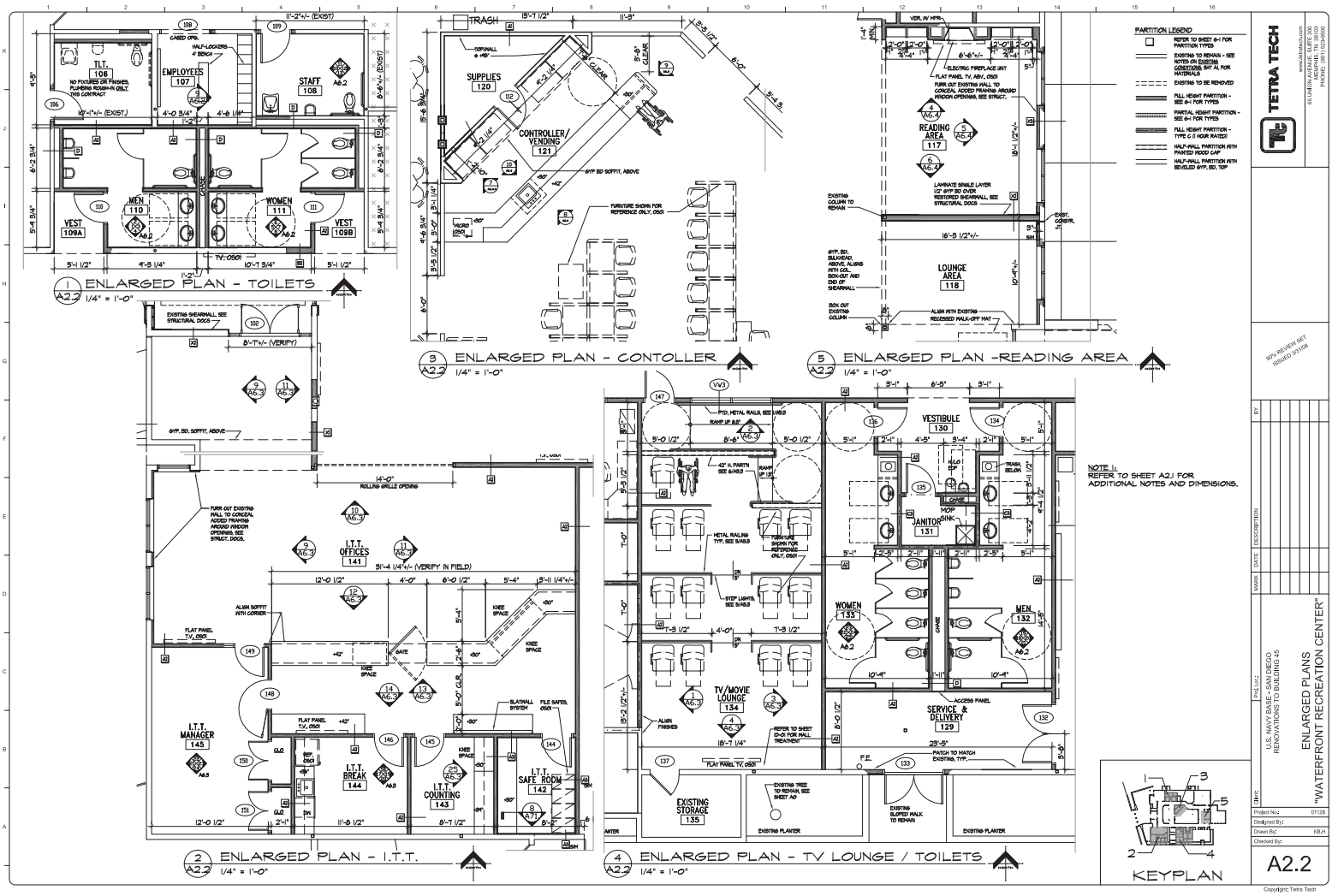
1 A2.2 ENLARGED PLAN - TOILETS
1/4" = 1'-0"
3 A2.2 ENLARGED PLAN - CONTOLLER
1/4" = 1'-0"
5 A2.2 ENLARGED PLAN -READING AREA
1/4" = 1'-0"
2 A2.2 ENLARGED PLAN - I.T.T.
1/4" = 1'-0"
4 A2.2 ENLARGED PLAN - TV LOUNGE / TOILETS
1/4" = 1'-0"
PARTITION LEGEND
NOTE 1:
REFER TO SHEET A2.1 FOR ADDITIONAL NOTES AND DIMENSIONS.
KEYPLAN
TETRA TECH
65 UNION AVENUE, SUITE 300
SEQUIM, WASHINGTON 98382
PHONE: (360) 683-3600
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ISSUED 12/1/09
MARK DATE DESCRIPTION BY
Date:
Project No: 07128
Designed By:
Drawn By: KBJH
Checked By:
A2.2
Proj Loc:
U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45
ENLARGED PLANS
"WATERFRONT RECREATION CENTER"
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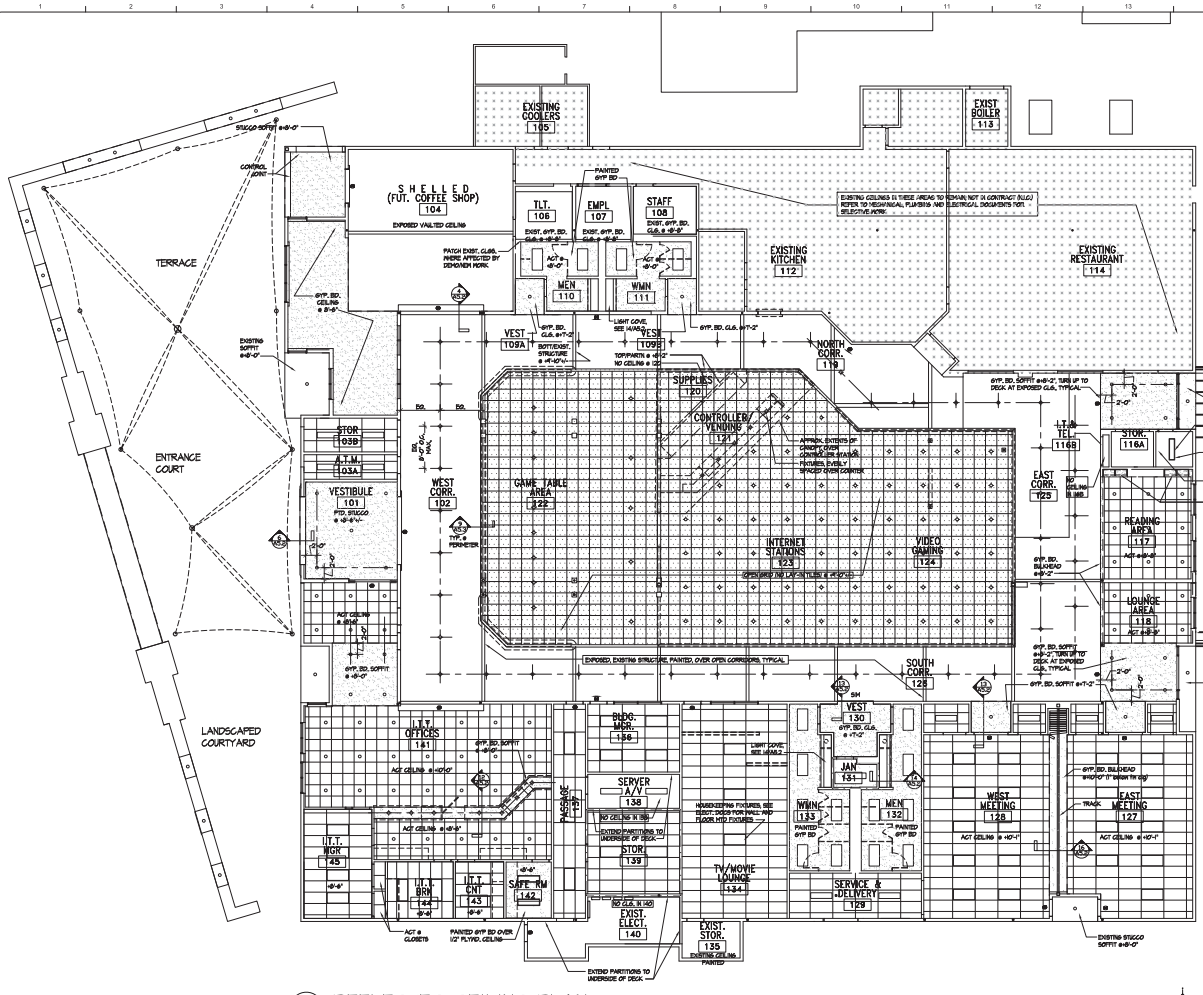

1 / A3 REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

-SEE FINISH SCHEDULE FOR CEILING HEIGHTS-

- 2'X4' ACOUSTIC TILE - TYPE 1 (WASHABLE) / TYPE 2
- 2'X2' ACOUSTIC TILE - TYPE 3
- 2'X2' OPEN GRID (NO TILE) - SEE PROJ. MANUAL
- 2'X4' FLUORESCENT LIGHT FIXTURE
- 2'X2' FLUORESCENT LIGHT FIXTURE
- 1'X8' FLUOR. PENDANT LIGHT FIXTURE
- WALL MOUNTED FIXTURE
- PENDANT FIXTURE
- DOWN LIGHT
- DOWN LIGHT (WALL WASHER)
- WEATHERPROOF FLOOD FIXTURE
- EXIT SIGN

NOTE:

1. ALL SOFFIT HEIGHTS SHALL BE AS NOTED IN DETAILS. IN DETAILS.
2. REFER TO MECHANICAL, FIRE PROTECTION, AND ELECTRICAL DOCUMENTS FOR ADDITIONAL INFORMATION.
3. REFER TO SHEET M1 FOR LOCATIONS OF MECHANICAL DUCTWORK AND REGISTERS.

PARTITION LEGEND

- REFER TO SHEET 6-1 FOR PARTITION TYPES
- EXISTING TO REMAIN - SEE NOTES ON EXISTING CONDITIONS, SHT A1, FOR MATERIALS
- EXISTING TO BE REMOVED
- FULL HEIGHT PARTITION - SEE 6-1 FOR TYPES
- PARTIAL HEIGHT PARTITION - SEE 6-1 FOR TYPES
- FULL HEIGHT PARTITION - TYPE C (1 HOUR RATED)
- HALF-WALL PARTITION WITH PAINTED WOOD CAP
- HALF-WALL PARTITION WITH BEVELED GYP. BD. TOP

KEYPLAN

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MARK	DATE	DESCRIPTION	BY

Red Inc. SAN DIEGO, CA

U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

REFLECTED CEILING PLAN "WATERFRONT RECREATION CENTER"

Date:	
Project No:	07128
Designed By:	SMK/KBJ/H
Drawn By:	SMK/KBJ/H
Checked By:	

A3

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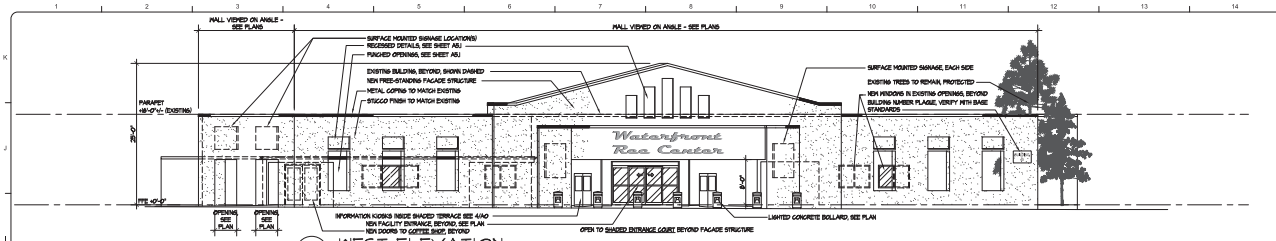
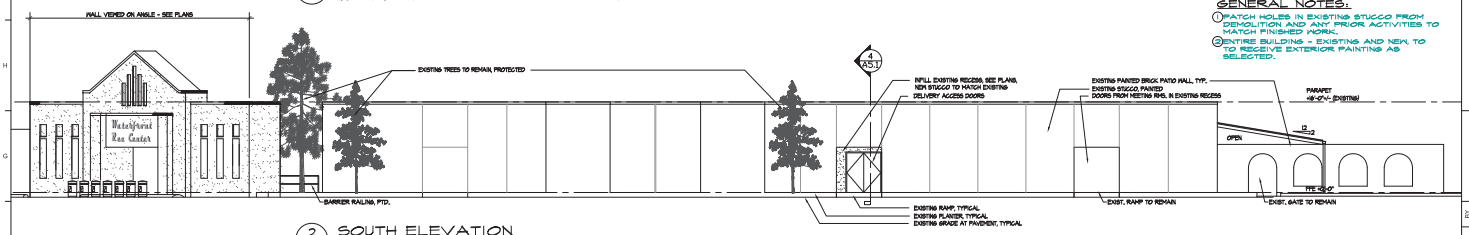
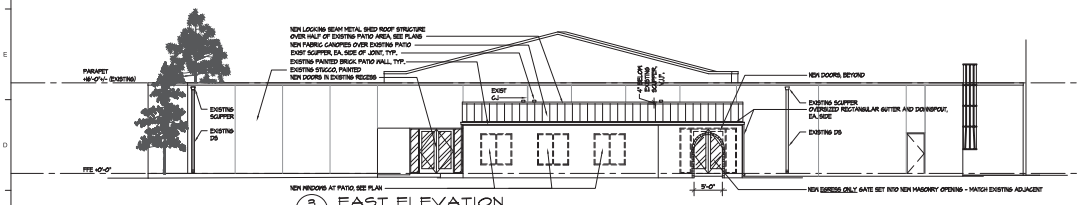


1 A4.1 WEST ELEVATION
1/8" = 1'-0" (SEE 1/A4.2 FOR ELEVATION BEYOND)



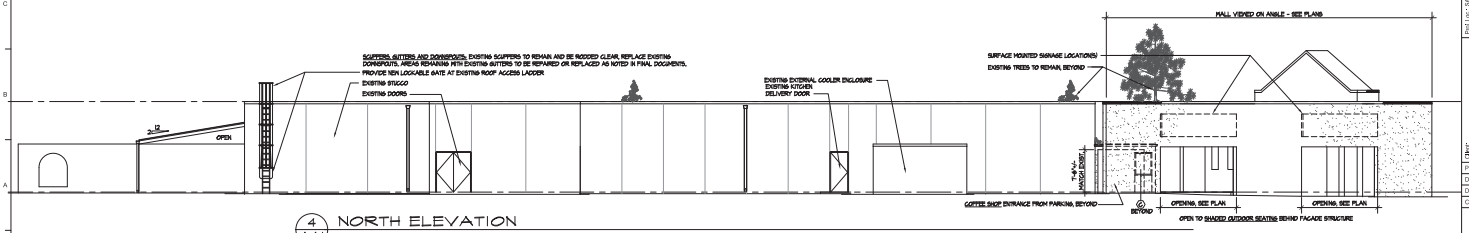
2 A4.1 SOUTH ELEVATION
1/8" = 1'-0"



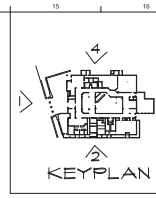
3 A4.1 EAST ELEVATION
1/8" = 1'-0"

EXTERIOR WINDOW SCHEDULE						
MARK	FRAME SIZE	FRAME TYPE	FRAME MATL	FRAME FIN	DETAIL **	REMARKS
A	10'-0"x4'-4"	A	ALUM	FAC	11, 12, 13/A5.3	VER. EXIST. OPENING
B	5'-6"x4'-4"	B	ALUM	FAC	11, 12, 13/A5.3	VER. EXIST. OPENING
C	5'-0"x4'-0"	C	ALUM	FAC	11, 12, 13/A5.3	VER. EXIST. OPENING
D	5'-6"x3'-6"	D	ALUM	FAC	11, 12, 13/A5.3	

** REFER TO STRUCTURAL DETAILS FOR FRAMING AROUND BLAST-RESISTANT EXTERIOR OPENINGS.



4 A4.1 NORTH ELEVATION
1/8" = 1'-0"



KEYPLAN

NOTE: REFER TO SCHEDULE, SHEET A4.2, FOR EXTERIOR FINISHES AND COLORS.

GENERAL NOTES:

1. PATCH HOLES IN EXISTING STUCCO FROM DEMOLITION AND ANY PRIOR ACTIVITIES TO MATCH FINISHED WORK.
2. ENTIRE BUILDING - EXISTING AND NEW, TO TO RECEIVE EXTERIOR PAINTING AS SELECTED.

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ISSUED 3.31.08

MARK	DATE	DESCRIPTION	BY

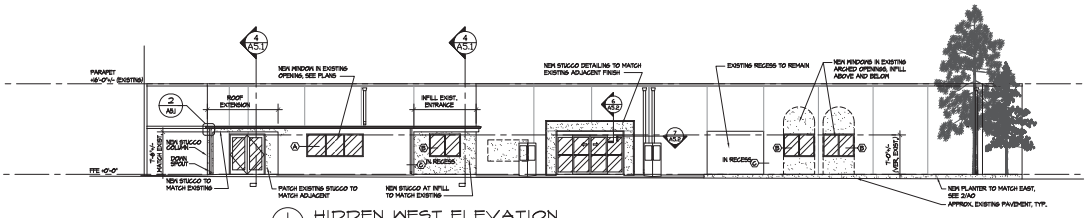
Prepared for: SAN DIEGO, CA
U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

EXTERIOR ELEVATIONS "WATERFRONT RECREATION CENTER"

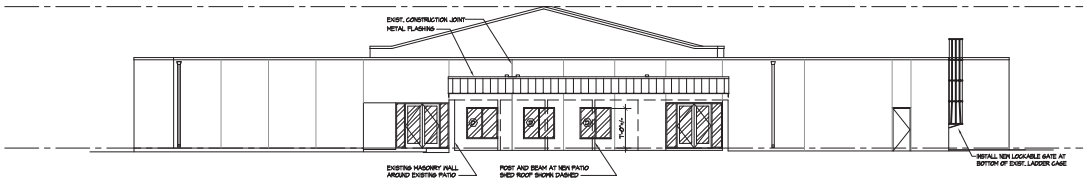
Date:
Project No.: 07128
Designed By: KBJH
Drawn By: KBJH
Checked By:

A4.1

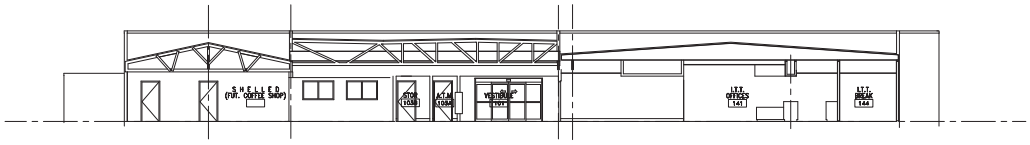
Copyright: Tetra Tech



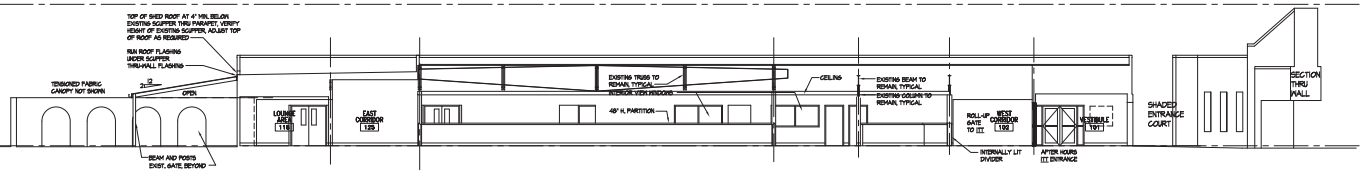
1 / A4.2 HIDDEN WEST ELEVATION
1/8" = 1'-0"



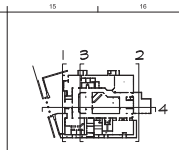
2 / A4.2 SECTION THROUGH EXISTING ENCLOSED PATIO (HIDDEN EAST ELEVATION)
1/8" = 1'-0" (CUT LOOKING WEST)



3 / A4.2 CROSS SECTION THRU EXISTING BUILDING
1/8" = 1'-0" (CUT LOOKING TO THE EAST)



4 / A4.2 SECTION THRU EXISTING PATIO (HIDDEN EAST ELEV.)
1/8" = 1'-0" (CUT LOOKING TO THE SOUTH)



KEYPLAN

NOTE: REFER TO SCHEDULE, BELOW, FOR EXTERIOR FINISHES AND COLORS.

EXTERIOR MATERIALS SCHEDULE

MATERIAL	COLOR	TEXTURE	REMARKS
STUCCO	PAINTED PT-08	MATCH EXIST.	COLOR AS APPROVED BY BASE
COPING/FLASHING	DARK BRONZE	--	PAINT EXIST. TO MATCH NEW
DOOR FRAMES	DARK BRONZE	--	BRONZE TINTED GLAZING
WINDOW FRAMES	DARK BRONZE	--	BRONZE TINTED GLAZING
CONCRETE PVMT.	BUFF	BROOM FINISH	LIGHT REFLECTANT
TENSIONED FABRIC	AS SELECTED	MESH	
ROOFING	MATCH EXIST.	--	MOD. BITUMEN TO MATCH EXISTING

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SACRAMENTO, CA 95865
PHONE: (901) 923-2000

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ISSUED 3-31-08

MARK	DATE	DESCRIPTION	BY

Prod Loc: SAN DIEGO, CA

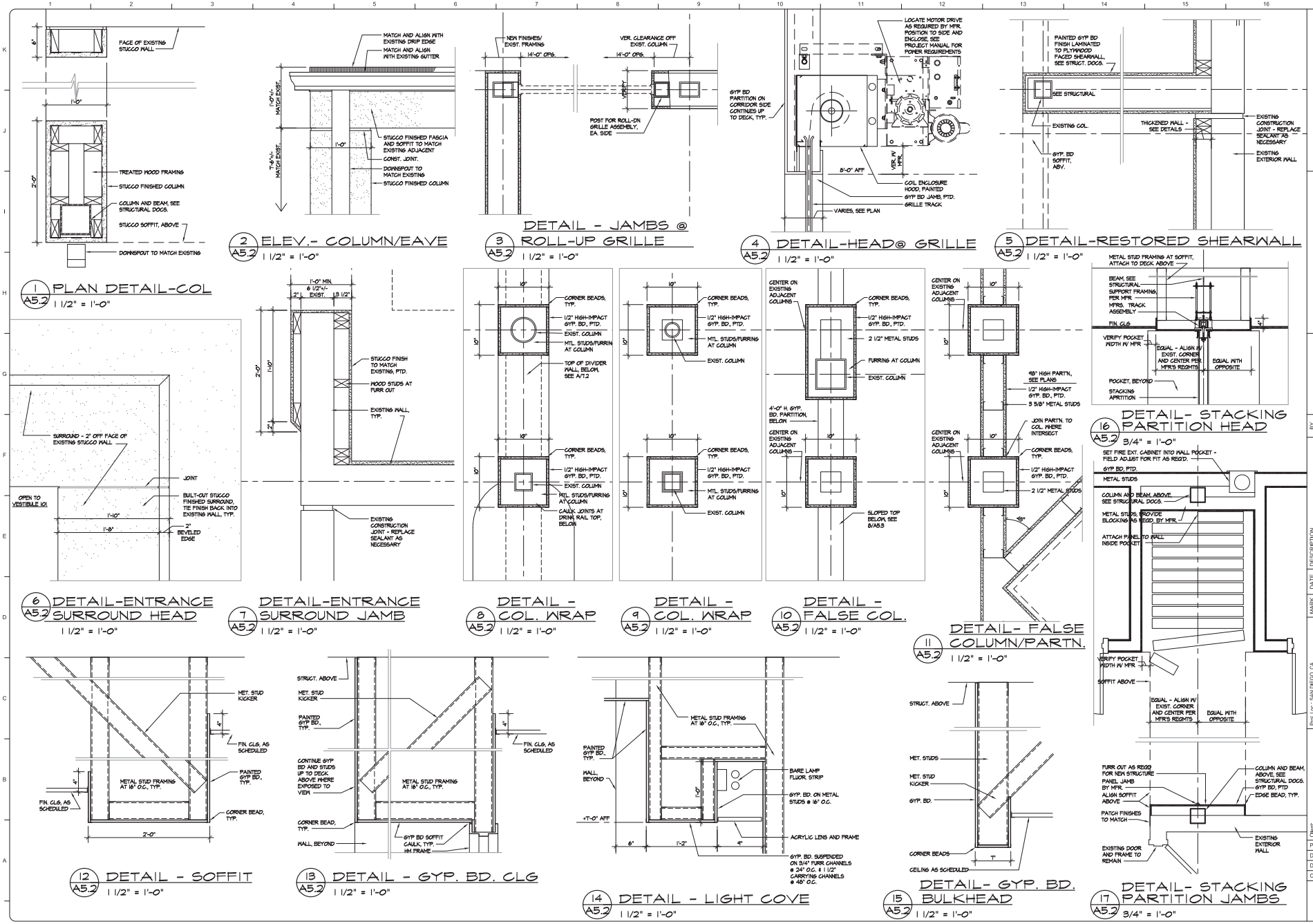
U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

BUILDING SECTIONS
"WATERFRONT RECREATION CENTER"

Project No:	07128
Designed By:	KBJH
Drawn By:	KBJH
Checked By:	

A4.2

Copyright: Tetra Tech



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MEMPHIS, TN 38103
PHONE: (901) 323-4500

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ISSUED 3/31/08

MARK	DATE	DESCRIPTION	BY

Proj./Loc.: SAN DIEGO, CA

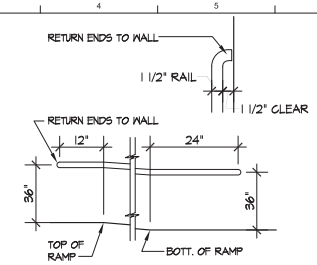
Client: U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

DETAILS "WATERFRONT RECREATION CENTER"

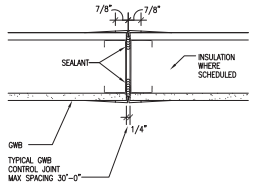
Project No.:	0712B
Designed By:	KB,H
Drawn By:	KB,H
Checked By:	

A5.2

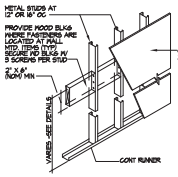
Copyright: Tetra Tech



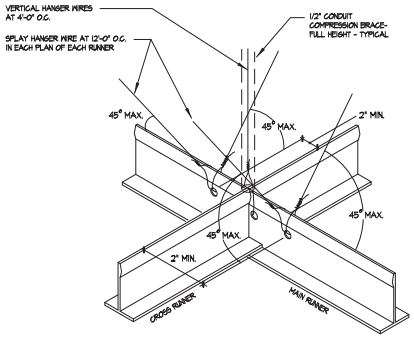
1 A5.3 DETAIL- METAL HANDRAIL EXTENSIONS
NO SCALE



2 A5.3 DETAIL- GYP BD CONTROL JOINT
1 1/2" = 1'-0"

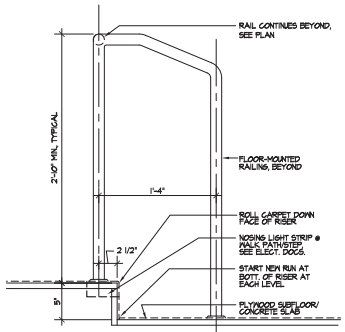


3 A5.3 DETAIL- WALL BLOCKING
3/4" = 1'-0"

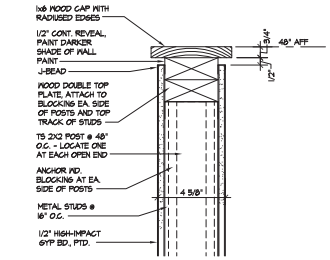


NOTE: START FIRST LINE OF BRACING MAXIMUM 4'-0" FROM FACE OF WALL.

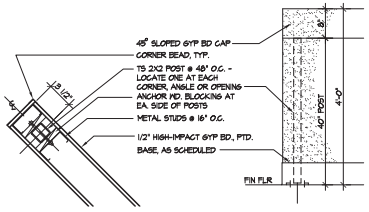
4 A5.3 DETAIL - ACT SEISMIC BRACING
NO SCALE



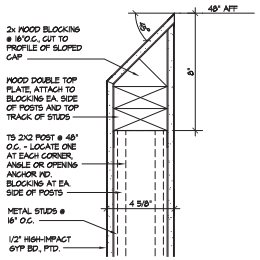
5 A5.3 DETAIL - RAILING AND STEP NOSING
1 1/2" = 1'-0"



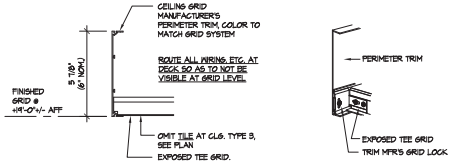
6 A5.3 AT HALF WALL
3" = 1'-0"



7 A5.3 DETAIL- 48" WALL BRACING
1 1/2" = 1'-0"



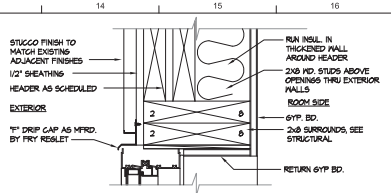
8 A5.3 DETAIL - TOP AT 48" WALL
3" = 1'-0"



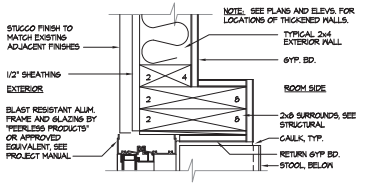
SECTION ISOMETRIC

9 A5.3 DETAIL - EDGE TRIM AT OPEN GRID CEILING
3" = 1'-0"

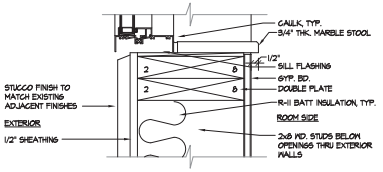
10 A5.3 NOT USED



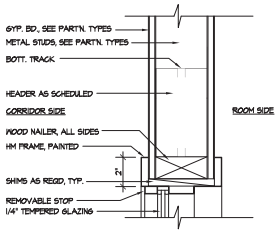
11 A5.3 DETAIL-BLAST RESISTANT WDW HEAD
3" = 1'-0"



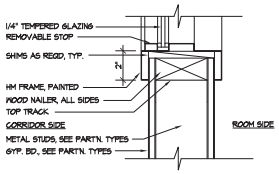
12 A5.3 DETAIL-BLAST RESISTANT WDW JAMB
3" = 1'-0"



13 A5.3 DETAIL-BLAST RESISTANT WDW SILL
3" = 1'-0"



14 A5.3 DETAIL-VIEW WINDOW HEAD
3" = 1'-0" (JAMB SIMILAR)



15 A5.3 DETAIL-VIEW WINDOW SILL
3" = 1'-0"

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ISSUED 3/31/08

MARK	DATE	DESCRIPTION	BY

Client: U.S. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45
Proj. Loc.: SAN DIEGO, CA

DETAILS
"WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB,H
Drawn By:	KB,H
Checked By:	

A5.3

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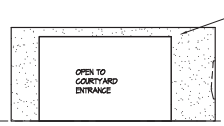
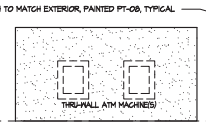
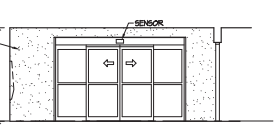


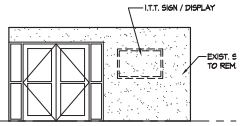
1 A6.1 W. ELEV - VESTIBULE
3/16" = 1'-0"



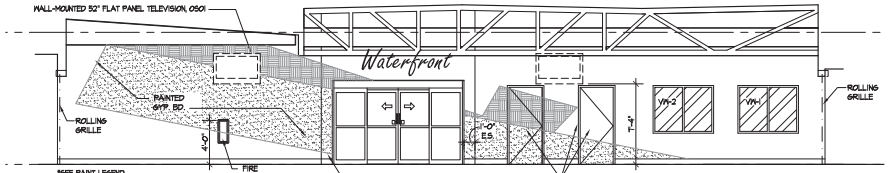
2 A6.1 N. ELEV - VEST.
3/16" = 1'-0"



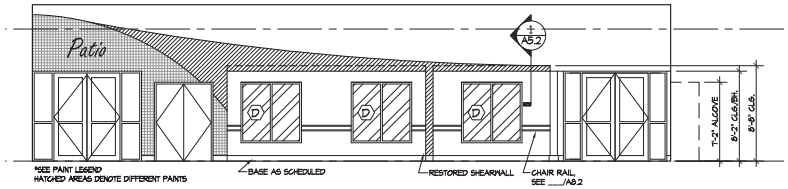
3 A6.1 E. ELEV - VESTIBULE
3/16" = 1'-0"



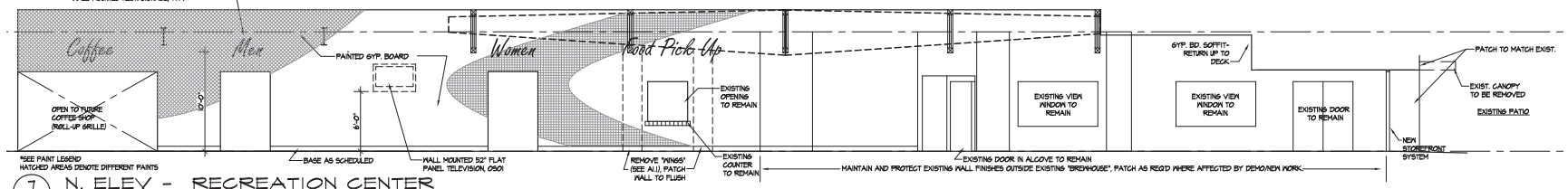
4 A6.1 S. ELEV - VEST.
3/16" = 1'-0"



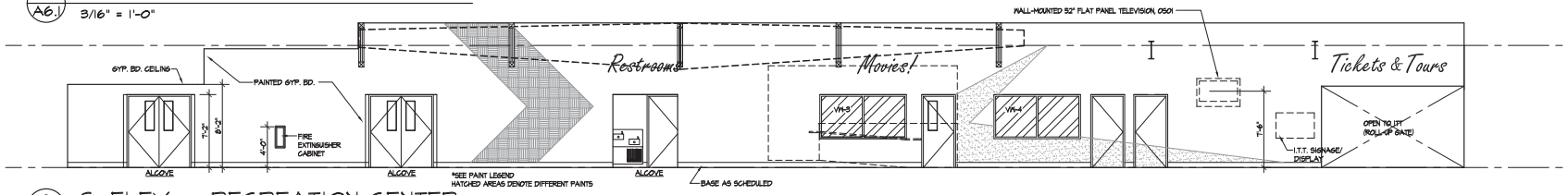
5 A6.1 W. ELEV - RECREATION CENTER
3/16" = 1'-0"



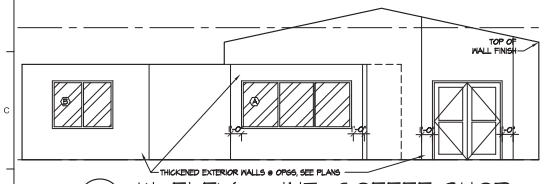
6 A6.1 E. ELEV - RECREATION CENTER
3/16" = 1'-0"



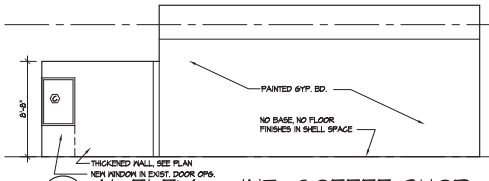
7 A6.1 N. ELEV - RECREATION CENTER
3/16" = 1'-0"



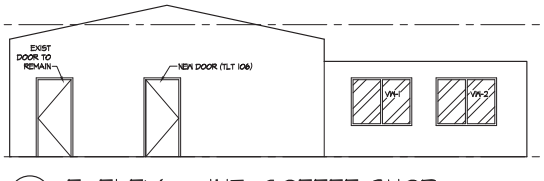
8 A6.1 S. ELEV - RECREATION CENTER
3/16" = 1'-0"



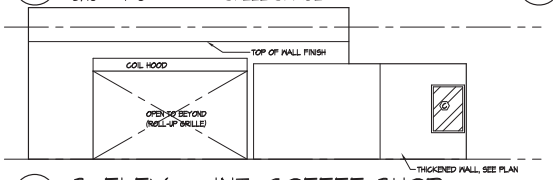
9 A6.1 W. ELEV - INT. COFFEE SHOP
3/16" = 1'-0" SHELL SPACE



10 A6.1 N. ELEV - INT. COFFEE SHOP
3/16" = 1'-0" SHELL SPACE



11 A6.1 E. ELEV - INT. COFFEE SHOP
3/16" = 1'-0" SHELL SPACE



12 A6.1 S. ELEV - INT. COFFEE SHOP
3/16" = 1'-0" SHELL SPACE

PAINT LEGEND

CONTRACTOR SHALL REQUEST DIMENSIONED DRAWINGS FROM ENGR/ARCH FOR PAINT SCHEMES

- PT-01 SEDONA CLAY #2174-30
- PT-02 GENTLE VIOLET #2071-20
- PT-03 NEWPORT GREEN #2050-30
- PT-04 EARTHY RUSSET #2173-10
- PT-05 CORK #2153-40

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PHONE: (901) 523-4500

90% REVIEW SET ISSUED 5-31-08

MARK	DATE	DESCRIPTION	BY

Client:
Proj. Loc.: SAN DIEGO, CA
US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

INTERIOR ELEVATIONS "WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB.H/SMK
Drawn By:	KB.H/SMK
Checked By:	

A6.1

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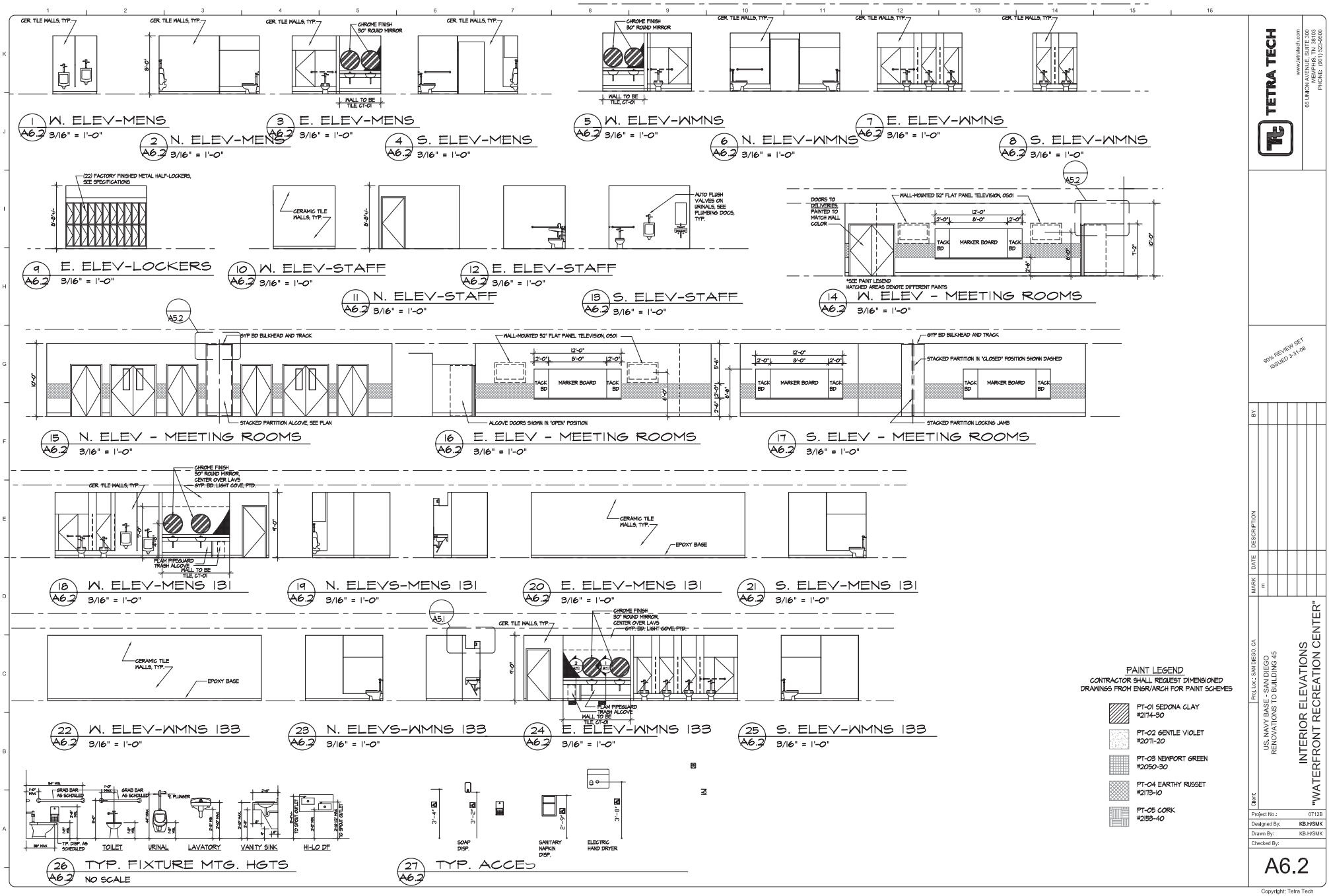

PAINT LEGEND

CONTRACTOR SHALL REQUEST DIMENSIONED DRAWINGS FROM ENGR/ARCH FOR PAINT SCHEMES

- PT-01 SEDONA CLAY #2174-30
- PT-02 GENTLE VIOLET #2071-20
- PT-03 NEWPORT GREEN #2050-30
- PT-04 EARTHY RUSSET #2173-10
- PT-05 CORK #2158-40

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MEMPHIS, TN 38103
PHONE: (901) 523-4500

90% REVIEW SET ISSUED 3-31-08

MARK	DATE	DESCRIPTION	BY
m			

Client: US. NAVY BASE - SAN DIEGO RENOVATIONS TO BUILDING 45

Proj. Loc.: SAN DIEGO, CA.

INTERIOR ELEVATIONS "WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB.H/SMK
Drawn By:	KB.H/SMK
Checked By:	

A6.2

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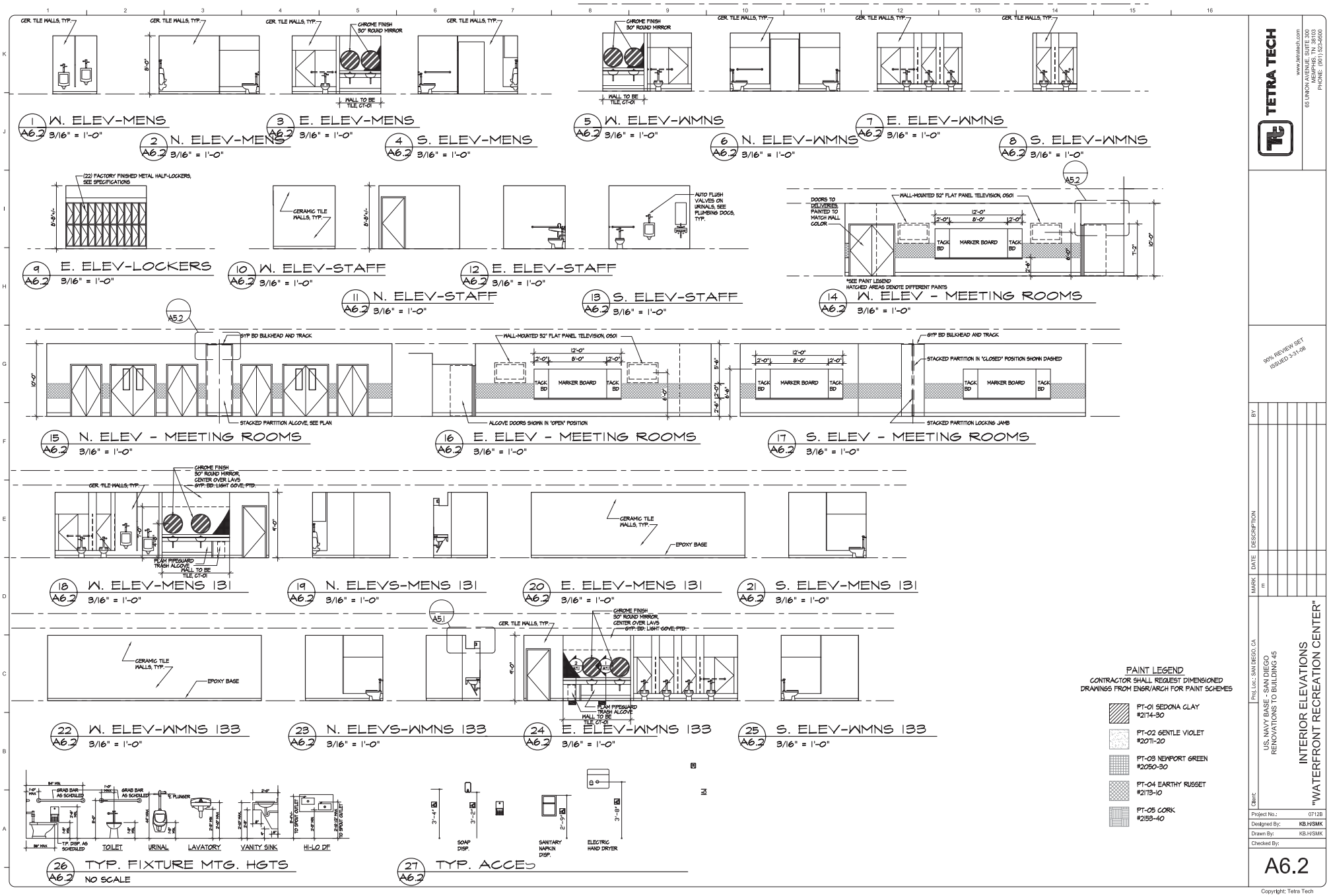

PAINT LEGEND

CONTRACTOR SHALL REQUEST DIMENSIONED DRAWINGS FROM ENGR/ARCH FOR PAINT SCHEMES

- PT-01 SEDONA CLAY #2174-30
- PT-02 GENTLE VIOLET #2071-20
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PHONE: (901) 523-4500

90% REVIEW SET ISSUED 3-31-08

MARK	DATE	DESCRIPTION	BY
m			

Client: US. NAVY BASE - SAN DIEGO RENOVATIONS TO BUILDING 45

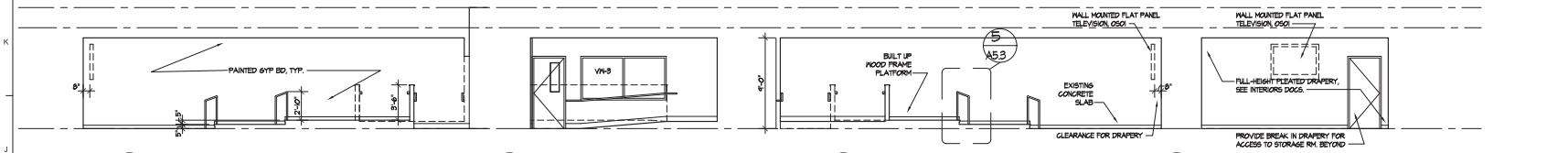
Proj. Loc.: SAN DIEGO, CA.

INTERIOR ELEVATIONS "WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB.H/SMK
Drawn By:	KB.H/SMK
Checked By:	

A6.2

Copyright: Tetra Tech

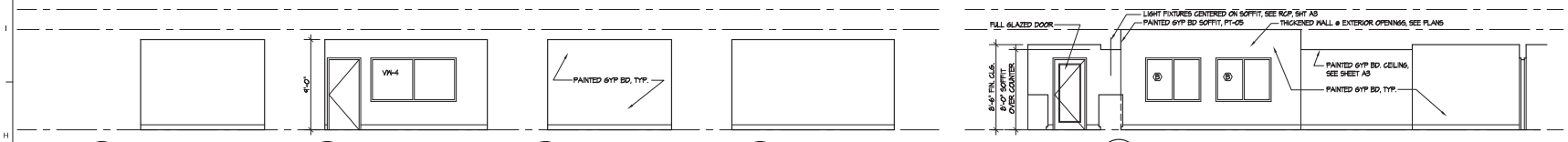


1 A6.3 W. ELEV - TV LOUNGE 3/16" = 1'-0"

2 A6.3 N. ELEV - TV LOUNGE 3/16" = 1'-0"

3 A6.3 E. ELEV - TV LOUNGE 3/16" = 1'-0"

4 A6.3 S. ELEV - TV LOUNGE 3/16" = 1'-0"



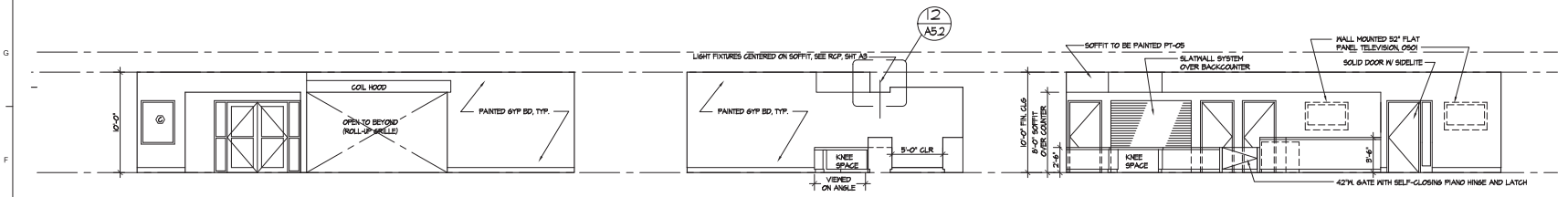
5 A6.3 W. ELEV- MGR 3/16" = 1'-0"

6 A6.3 N. ELEV- MGR 3/16" = 1'-0"

7 A6.3 E. ELEV- MGR 3/16" = 1'-0"

8 A6.3 S. ELEV- MGR 3/16" = 1'-0"

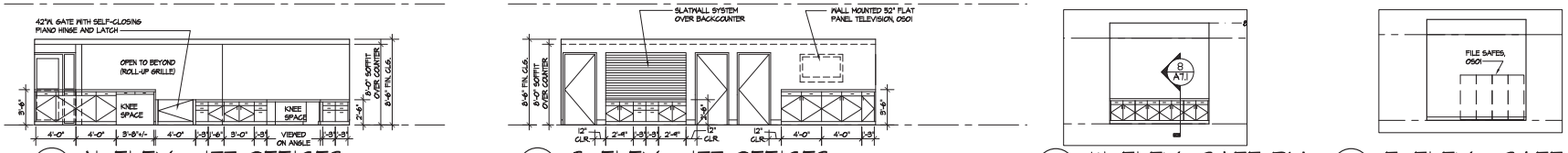
9 A6.3 W. ELEV - ITT OFFICES 3/16" = 1'-0"



10 A6.3 N. ELEV - ITT OFFICES 3/16" = 1'-0"

11 A6.3 E. ELEV - ITT OFFICES 3/16" = 1'-0"

12 A6.3 S. ELEV - ITT OFFICES 3/16" = 1'-0"

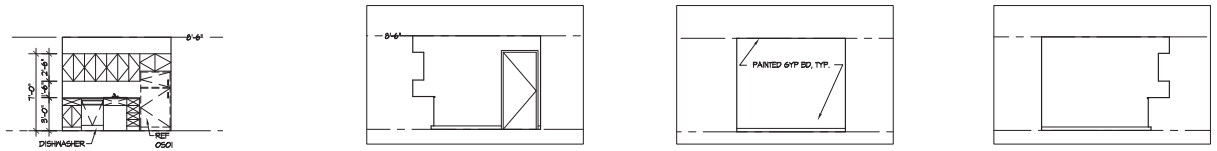


13 A6.3 N. ELEV - ITT OFFICES 3/16" = 1'-0" (BACK COUNTER)

14 A6.3 S. ELEV - ITT OFFICES 3/16" = 1'-0" (BACK COUNTER)

15 A6.3 W. ELEV -SAFE RM 3/16" = 1'-0"

16 A6.3 E. ELEV - SAFE ROOM 3/16" = 1'-0"

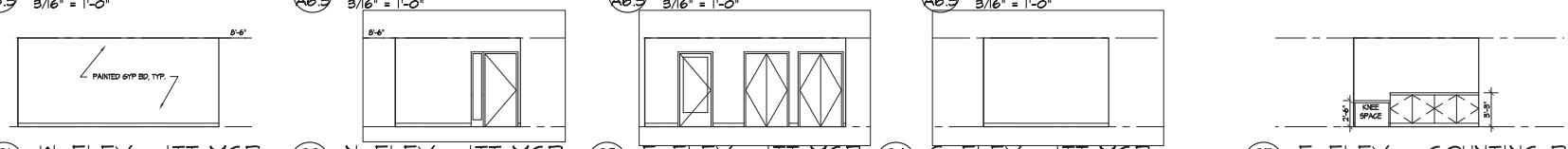


17 A6.3 W. ELEV - BREAK RM 3/16" = 1'-0"

18 A6.3 N. ELEV - BREAK RM 3/16" = 1'-0"

19 A6.3 E. ELEV - BREAK RM 3/16" = 1'-0"

20 A6.3 S. ELEV - BREAK RM 3/16" = 1'-0"



21 A6.3 W. ELEV - ITT MGR 3/16" = 1'-0"

22 A6.3 N. ELEV - ITT MGR 3/16" = 1'-0"

23 A6.3 E. ELEV - ITT MGR 3/16" = 1'-0"

24 A6.3 S. ELEV - ITT MGR 3/16" = 1'-0"

25 A6.3 E. ELEV. - COUNTING ROOM 3/16" = 1'-0"

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PHONE: (901) 523-8500

90% REVIEW SET
ISSUED 3-31-08

MARK	DATE	DESCRIPTION	BY

Client:
Proj. Loc.: SAN DIEGO, CA
US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

INTERIOR ELEVATIONS
"WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	KB.H/SMK
Drawn By:	KB.H/SMK
Checked By:	

A6.3

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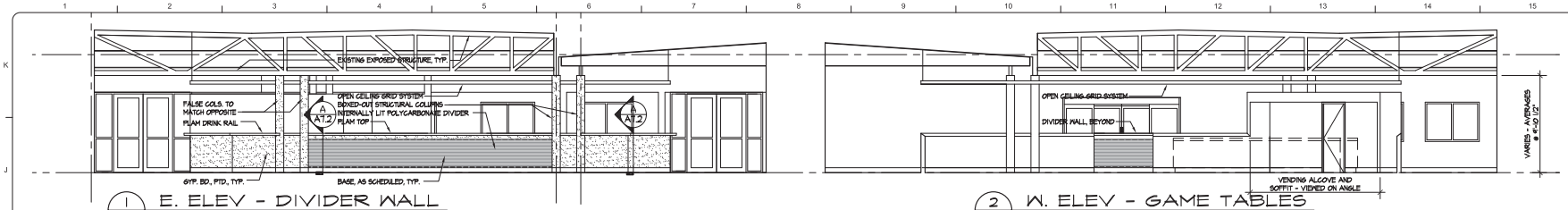
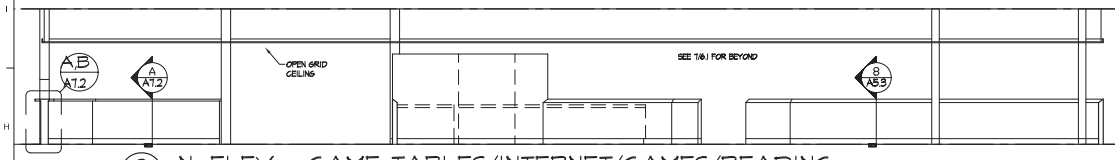
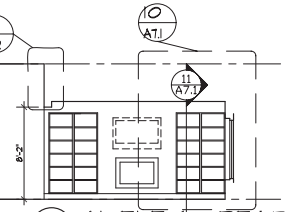


1 A6.4 E. ELEV - DIVIDER WALL
3/16" = 1'-0"
W. CORRIDOR

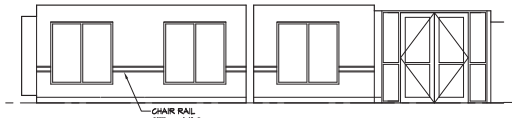
2 A6.4 W. ELEV - GAME TABLES
3/16" = 1'-0"



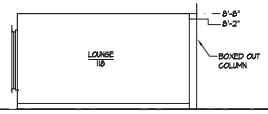
3 A6.4 N. ELEV - GAME TABLES/INTERNET/GAMES/READING
3/16" = 1'-0"



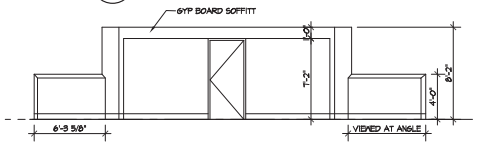
4 A6.4 N. ELEV - READING
3/16" = 1'-0"



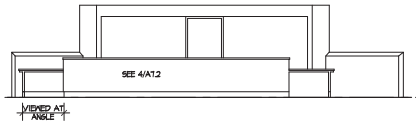
5 A6.4 E. ELEV - READING
3/16" = 1'-0"



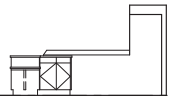
6 A6.4 S. ELEV - READING
3/16" = 1'-0"



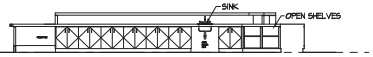
7 A6.4 NW. ELEV-CONTROLLER
3/16" = 1'-0"
(VENDING WALL)



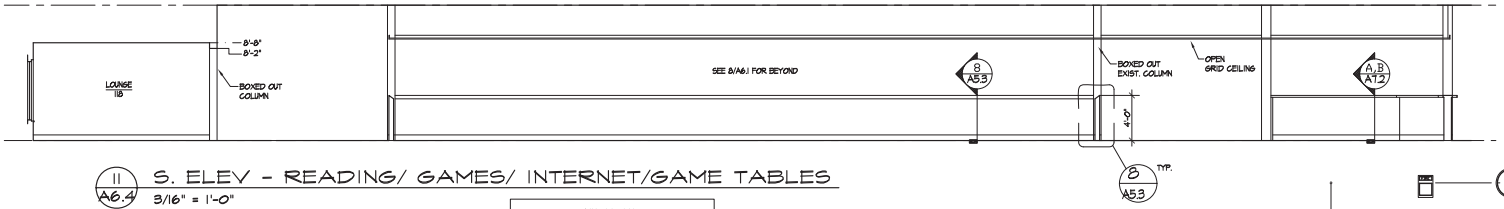
8 A6.4 NW ELEV - CONTROLLER
3/16" = 1'-0"



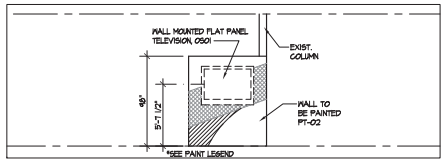
9 A6.4 SW. ELEV - CONTROLLER
3/16" = 1'-0"



10 A6.4 SE. ELEV - CONTROLLER
3/16" = 1'-0"
(BACK COUNTER)



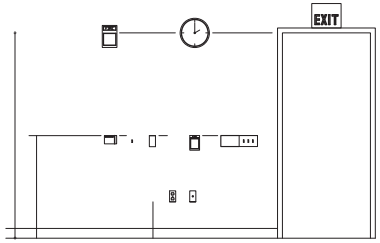
11 A6.4 S. ELEV - READING/ GAMES/ INTERNET/GAME TABLES
3/16" = 1'-0"



12 A6.4 E. ELEV - W11 WALL
3/16" = 1'-0"

PAINT LEGEND
CONTRACTOR SHALL REQUEST DIMENSIONED DRAWINGS FROM ENGR/ARCH FOR PAINT SCHEMES

- PT-01 SEDONA CLAY #2174-30
- PT-02 GENTLE VIOLET #2071-20
- PT-03 NEWPORT GREEN #2050-30
- PT-04 EARTHY RUSSET #2178-10
- PT-05 CORK #2158-40



OUNTING HGTS

NO SCALE

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www.tetratech.com
65 UNION AVENUE, SUITE 300
MEMPHIS, TN 38103
PHONE: (901) 523-4500

90% REVIEW SET
ISSUED 3-31-08

MARK	DATE	DESCRIPTION	BY

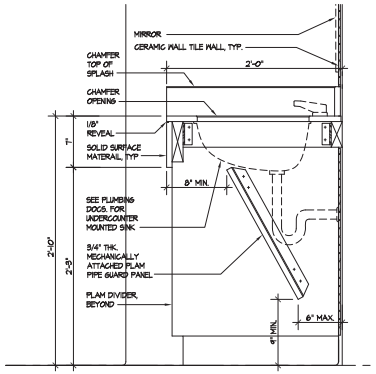
Client:
Proj. Loc.: SAN DIEGO, CA
US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

INTERIOR ELEVATIONS
"WATERFRONT RECREATION CENTER"

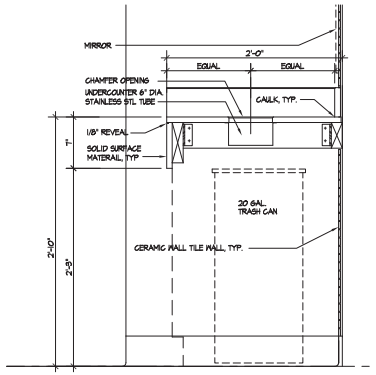
Project No.:	0712B
Designed By:	KB.H/SMK
Drawn By:	KB.H/SMK
Checked By:	

A6.4

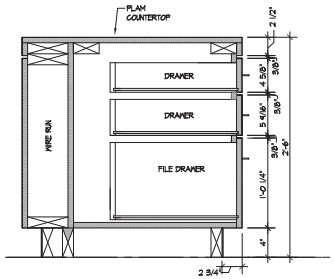
Copyright: Tetra Tech



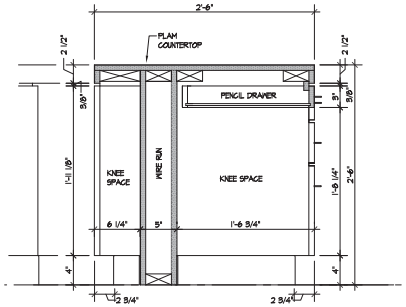
1 A7.1 SECTION-TOILET VANITY
1 1/2" = 1'-0"



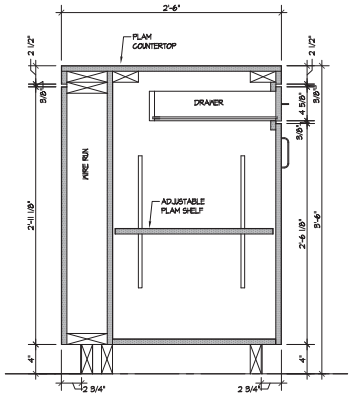
2 A7.1 SECTION-TOILET VANITY
1 1/2" = 1'-0" (TRASH ALCOVE)



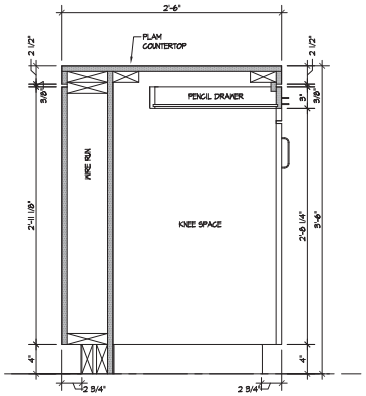
3 A7.1 SECTION - ITT DESK
1 1/2" = 1'-0" (SITTING - STORAGE)



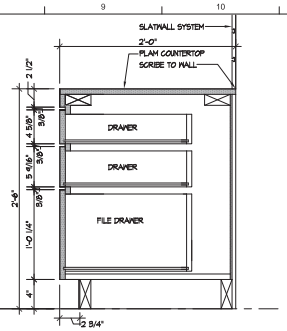
4 A7.1 SECTION - ITT DESK
1 1/2" = 1'-0" (SITTING - KNEESPACE)



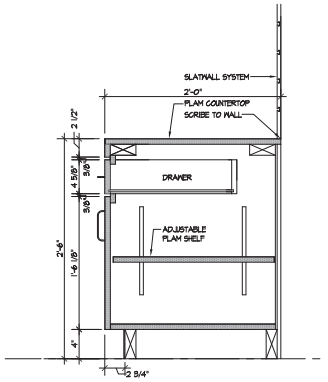
5 A7.1 SECTION - ITT DESK
1 1/2" = 1'-0" (HIGH - STORAGE)



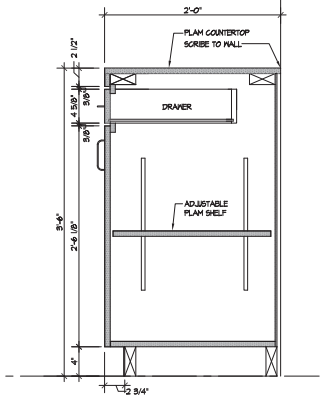
6 A7.1 SECTION - ITT DESK
1 1/2" = 1'-0" (HIGH - KNEESPACE)



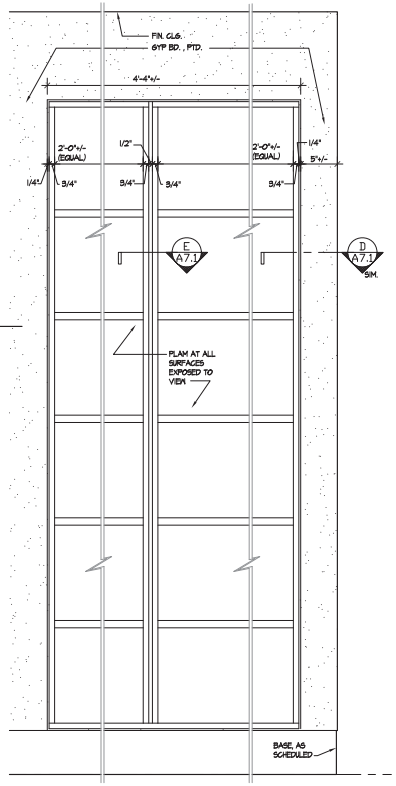
7 A7.1 SECT.-ITT BACKCOUNTER
1 1/2" = 1'-0"



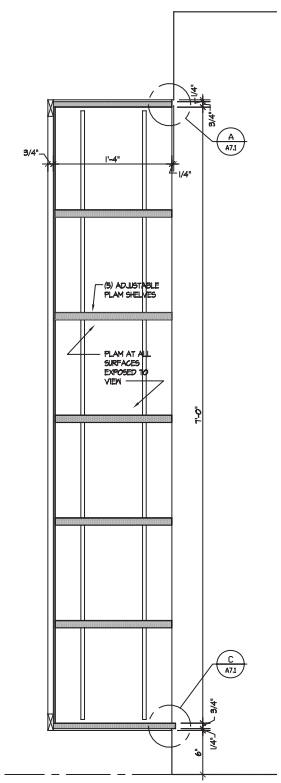
8 A7.1 SECT.-ITT BACKCOUNTER
1 1/2" = 1'-0"



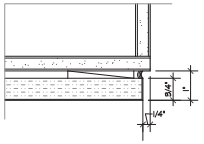
9 A7.1 SECT.-ITT BACKCOUNTER
1 1/2" = 1'-0"



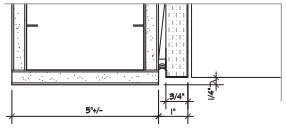
10 A7.1 ENL. ELEV.-BOOKCASE
1 1/2" = 1'-0"



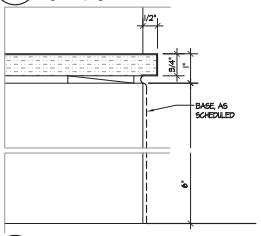
11 A7.1 SECTION-BOOKCASE
1 1/2" = 1'-0"



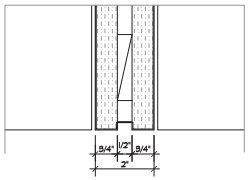
B A7.1 DETAIL - BOOKCASE
6" = 1'-0"



D A7.1 DETAIL - BOOKCASE
6" = 1'-0"



C A7.1 DETAIL - BOOKCASE
6" = 1'-0"



E A7.1 DETAIL - BOOKCASE
6" = 1'-0"

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MEMPHIS, TN 38103
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90% REVIEW SET
ISSUED 3/31/08

MARK	DATE	DESCRIPTION	BY

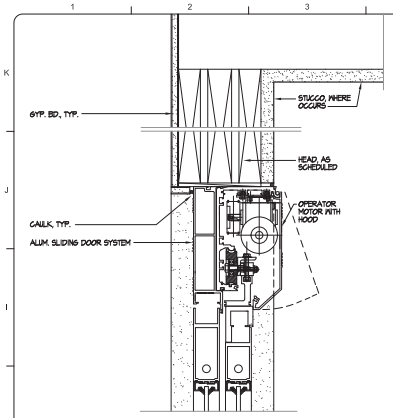
Client: US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45
Proj. Loc.: SAN DIEGO, CA

CASEWORK DETAILS
"WATERFRONT RECREATION CENTER"

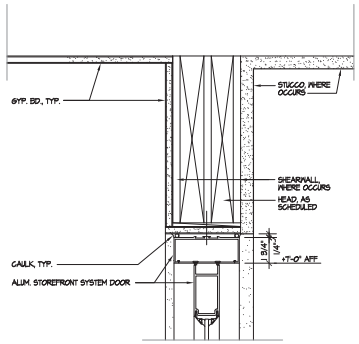
Project No.:	0712B
Designed By:	KB,H
Drawn By:	KB,H
Checked By:	

A7.1

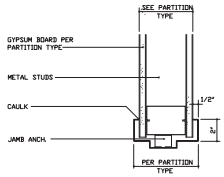
Copyright: Tetra Tech



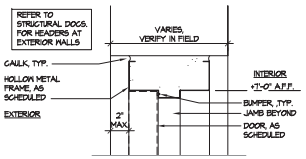
1 A8.1 DETAIL - HEAD
3" = 1'-0"



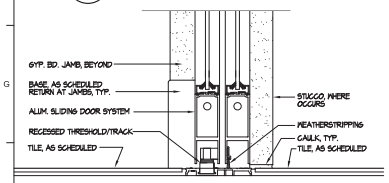
3 A8.1 DETAIL - HEAD
3" = 1'-0"



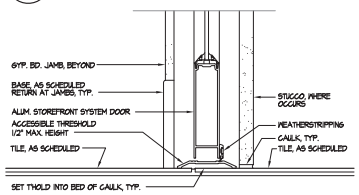
7 A8.1 DETAIL-INTER. JAMB
3" = 1'-0" (HEAD SIMILAR)



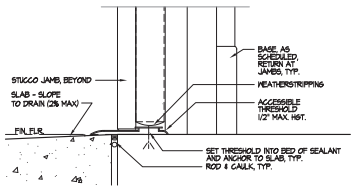
8 A8.1 DETAIL-EXTER. HEAD
3" = 1'-0" (JAMB SIMILAR)



2 A8.1 DETAIL- SILL
3"" = 1'-0"



4 A8.1 DETAIL- SILL
3"" = 1'-0"

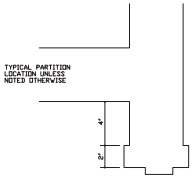


9 A8.1 DETAIL - SILL
3" = 1'-0"

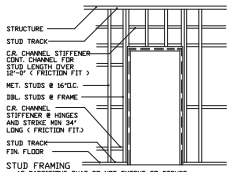
DETAILS - AUTOMATIC SLIDING DOOR

DETAILS - ALUM. STOREFRONT DOOR

DETAILS - HMF DOORS



5 A8.1 DETAIL-TYP. JAMB
3" = 1'-0"



STUD FRAMING
AT PARTITIONS THAT DO NOT EXTEND TO STRUCT. ABOVE - DOUBLE STUDS SHALL EXTEND TO STRUCT ABOVE

FRAME OPENINGS UP TO 3'-6" WIDE
JAMBS : PROVIDE 20 GA. MIN. DOUBLE STUDS
HEAD : PROVIDE DOUBLE STUDS

FRAME OPENINGS 3'-6" WIDE AND OVER
JAMBS : PROVIDE 16 GA. MIN. DOUBLE STUDS
HEAD : PROVIDE 20 GA. MIN. DOUBLE STUDS

FRAME OPENINGS 5'-0" WIDE AND OVER
HEAD : PROVIDE ANCHORS LOCATED 6" TO 8" FROM JAMB - NOT TO EXCEED 24" O.C.

6 A8.1 DETAIL-HMF BRACING
3" = 1'-0"

MATERIAL/FINISH KEY:

AL/GL	ALUMINUM AND GLASS
ALUM	ALUMINUM
EX	EXISTING
FAC	FACTORY FINISH, SEE SPECS.
HM	HOLLOW METAL
PTD	PAINTED FINISH, SEE SPECS.
SCWD	SOLID CORE WOOD
STN	TRANSPARENT STAIN FINISH

OPENING SCHEDULE

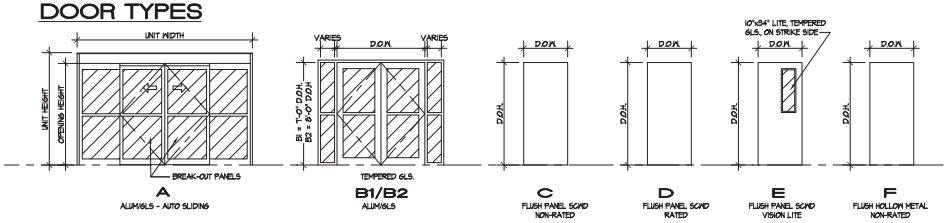
REFER TO PROJECT MANUAL FOR HARDWARE SETS AND PRODUCTS

MARK	FROM	TO	OPENING SIZE	DOOR THK.	DOOR TYPE	DOOR MATL.	DOOR FIN	DOOR LITE	FRAME TYPE	FRAME MATL.	FRAME FIN	DETAIL	LABEL	HRDWR SET	REMARKS
101	VESTIBULE	N. CORR	6'-0"x7'-0"		A	AL/GL	FAC			ALUM	FAC	1/2/A8.1		01	NOTE: 1, 2
102	VESTIBULE	I.T.T.	(2)3'-0"x7'-0"		B1	AL/GL	FAC			ALUM	FAC	3/4/A8.1		02	NOTE 1
108A	N. CORR	ATM	3'-0"x7'-0"	1 3/4"	F	HM	PTD		1	HM	PTD	7/A8.1		08	
108B	N. CORR	STORAGE	3'-0"x7'-0"	1 3/4"	F	HM	PTD		1	HM	PTD	7/A8.1		08	
104	EXTERIOR	FUT. COFF.	(2)3'-0"x7'-0"		B1	AL/GL				ALUM	FAC	3/4/A8.1		03	
105	FUT. COFF.	EX. KIT.	EXISTING	EX.	EX.	EX.	PTD		EX.	EX.	PTD			12	NOTE 4
106	FUT. COFF.	TOILET	3'-0"x7'-0"	1 3/4"	C	SCWD	PTD		1	HM		7/A8.1		10	
107	EX. KIT.	EXTERIOR	EXISTING	EX.	EX.	EX.	PTD		EX.	EX.				05	NOTE 4
108	EX. KIT.	EMPL.	5'-0" X 7'-0"						1	HM					CASED OPENING
109	EX. KIT.	STAFF TLT	3'-0"x7'-0"	1 3/4"	C	SCWD	PTD					7/A8.1		10	
110	VEST	MENS TLT												11	
111	VEST	WMNS TLT												11	
112	CONTROL	SUPPLIES												08	
113	EX. KIT.	EXISTING	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
114	EX. KIT.	EXISTING	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
115	EXTERIOR	BOILER	EXISTING	EX.	EX.	EX.	PTD		EX.	EX.	PTD			EX.	NOTE 3
116	EX. REST.	EX. KIT.	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
117	EX. KIT.	EX. REST.	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
118A	EX. REST.	N. CORR	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
118B	EX. REST.	EXTERIOR	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
119	EX. REST.	N. CORR	EXISTING	EX.	EX.	EX.	EX.		EX.	EX.	EX.			EX.	NOTE 3
120	EXTERIOR	N. CORR	(2)3'-0"x7'-0"		B2	AL/GL	FAC			ALUM	FAC	3/4/A8.1		02	NOTE 1
121	N. CORR	EX. SPKLR	3'-0"x7'-0"	1 3/4"	C	SCWD	STN		1	HM	PTD	7/A8.1		08	
122A	N. CORR	STOR.	(2)3'-0"x7'-0"											07	
122B	E. CORR	I.T. & TEL.	(2)3'-0"x7'-0"											07	
123	EXTERIOR	S. CORR	(2)3'-0"x7'-0"		B2	AL/GL	FAC			ALUM	FAC			02	NOTE 1
124	E. MEETING	CLO.	(2)2'-0"x7'-0"	1 3/4"	C	SCWD	STN		1	HM	PTD			07	
125	S. CORR	E. MEETING	(2)3'-0"x7'-0"		E			10x34	1					13	
126	E. MEETING	CLO.	(2)2'-0"x7'-0"		C									07	
127	N. MEETING	CLO.	(2)2'-0"x7'-0"		C									07	
128	S. CORR	N. MEETING	(2)3'-0"x7'-0"		E			10x34						13	
129	N. MEETING	CLO.	(2)2'-0"x7'-0"		C									07	
130	E. MEETING	EXTERIOR	3'-0"x7'-0"		F	HM	PTD					8/9/A8.1		06	
131	N. MEETING	EXTERIOR	3'-0"x7'-0"	EX.	EX.	EX.			EX.	EX.				06	
132	N. MEETING	SERVICE	(2)3'-0"x7'-0"	1 3/4"	F	HM			1	HM		7/A8.1		07	
133	SERVICE	EXTERIOR	(2)3'-0"x7'-0"		F	HM						8/9/A8.1		14	
134	VEST	MENS TLT	3'-0"x7'-0"		C	SCWD	STN					7/A8.1		11	
135	VEST	JANITOR											"C" 3/4	08	
136	VEST	WMNS TLT												11	
137	TV LOUNGE	EX. STOR.	EXISTING	EX.	EX.	EX.	PTD		EX.	EX.				08	NOTE 4
138	S. CORR	BLDG MGR	3'-0"x7'-0"	1 3/4"	C	SCWD	STN		1	HM		7/A8.1		15	
139	S. CORR	PASSAGE			C									08	
140	PASSAGE	SERVER			F									08	
141	PASSAGE	STORAGE			C								"C" 3/4	08	
142	PASSAGE	EX ELECT			E			10x34						08	
143	EX ELECT	EXTERIOR	EXISTING	EX.	EX.	EX.	PTD		EX.	EX.				05	NOTE 4
144	I.T.T. OFF	SAFE RM	3'-0"x7'-0"	1 3/4"	C	SCWD	STN		1	HM		7/A8.1		09	NOTE 5
145	I.T.T. OFF	I.T.T. CHT												15	
146	I.T.T. OFF	I.T.T. BRK												15	
147	TV LOUNGE	S. CORR			E			10x34						15	
148	I.T.T. OFF	I.T.T. MGR			G			SEE ELEV.						15	
149	I.T.T. OFF	I.T.T. MGR			C				4					15	
150	I.T.T. MGR	CLOSET	(2)2'-0"x7'-0"						1					07	
151	I.T.T. MGR	CLOSET	(2)2'-0"x7'-0"						1					07	
VW-1	N. CORR	FUT COFF.	(2)2'-6"x3'-8"						2	HM	PTD	14/15/A5.3			
VW-2	N. CORR	FUT COFF.	(2)2'-6"x3'-8"						2			14/15/A5.3			
VW-3	S. CORR	TV LOUNGE	(2)4'-0"x3'-8"						3			14/15/A5.3			
VW-4	S. CORR	BLDG MGR	(2)4'-0"x3'-8"						3			14/15/A5.3			

DOOR REFERENCE NOTES:

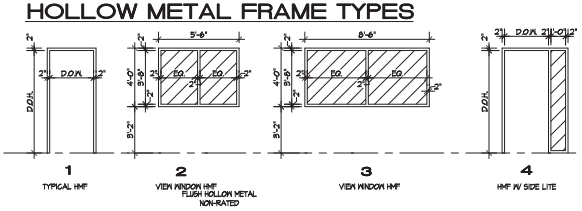
NOTE 1: PROVIDE GLAZING FILM AT EXTERIOR ALUM/GLS DOORS, SEE SECTION 08871, PROJECT MANUAL.
NOTE 2: REFER TO SECTION ON AUTOMATIC DOORS IN PROJECT MANUAL FOR ELECTRICAL REQUIREMENTS.
NOTE 3: EXISTING TO REMAIN, CLEAN AND REPAIR AS NECESSARY TO MATCH NEW WORK.
NOTE 4: EXISTING TO REMAIN, CLEAN AND REPAIR AS NECESSARY TO MATCH NEW WORK. INSTALL NEW HARDARE AS SCHEDULED.
NOTE 5: PROVIDE POWER TO DOOR 144 FOR FUTURE ELECTRONIC LOCK (OSO1)

DOOR TYPES



A — ALUM/GLS - AUTO SLIDING
B1/B2 — ALUM/GLS
C — FLUSH PANEL SCWD NON-RATED
D — FLUSH PANEL SCWD RATED
E — FLUSH PANEL SCWD VISION LITE
F — FLUSH HOLLOW METAL NON-RATED
G — WOOD/GLS.

HOLLOW METAL FRAME TYPES



1 — TYPICAL HMF
2 — VIEW WINDOW HMF, FLUSH HOLLOW METAL NON-RATED
3 — VIEW WINDOW HMF
4 — HMF W/ SIDE LITE

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65 UNION AVENUE, SUITE 300
MEMPHIS, TN 38103
PHONE: (901) 523-4500

90% REVIEW SET
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MARK	DATE	DESCRIPTION	BY

Proj. Loc.: SAN DIEGO, CA.
US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

OPENING SCHEDULE
"WATERFRONT RECREATION CENTER"

Client: ####

Project No.:	0712B
Designed By:	KBJH
Drawn By:	KBJH
Checked By:	

A8.1

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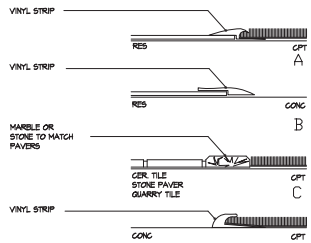
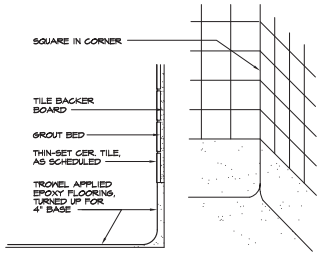
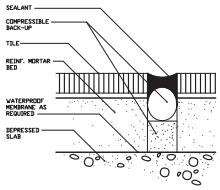


1 A8.2 TRANSITION DETAILS
3" = 1'-0"

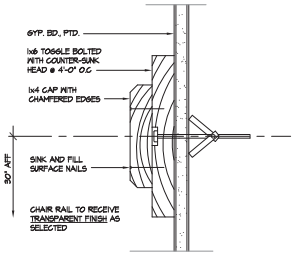


EPOXY FLOORING SYSTEM
"PHOENIX EPOXY ONE-STEP SEAMLESS FLOORING SYSTEM" PRODUCTS AS MANUFACTURED BY AMERICAN HI-TECH FLOORING OR APPROVED EQUIVALENT. INSTALL TO THICKNESSES AS DIRECTED BY THE MANUFACTURER TO ACHIEVE THE DETAILS AND APPLICATIONS SPECIFIED HEREIN. COLORS AND TEXTURES SHALL BE SELECTED FROM THE MANUFACTURER'S STANDARD AND CUSTOM OPTIONS. CONTRACTOR TO SUBMIT SAMPLES FOR SELECTION AND APPROVAL. AMERICAN HI-TECH FLOORING, NORFOLK, VA 23502 (800) 426-6501, www.hitechflooring.com

2 A8.2 DETAIL - EPOXY BASE/ CERAMIC TILE WALL
3" = 1'-0"



3 A8.2 DETAIL - CONTINUOUS JOINT @ TILE FLOORS
3" = 1'-0"



4 A8.2 DETAIL - CHAIR RAIL
6" = 1'-0"

FINISH SCHEDULE

REFER TO INTERIORS SHEET ID-1 FOR ADDITIONAL INFORMATION.

SPACE No.	SPACE NAME	FLOOR MATL.	FLOOR FIN	BASE MATL.	BASE FIN	WALLS NORTH MATL.	WALLS NORTH FIN	WALLS EAST MATL.	WALLS EAST FIN	WALLS SOUTH MATL.	WALLS SOUTH FIN	WALLS WEST MATL.	WALLS WEST FIN	CEILING MATL.	CEILING FIN	CEILING HGT.	REMARKS
101	VESTIBULE	F-02		B-02		STUC	PT-08	STUC	PT-08	STUC	PT-08	STUC	PT-08	STUC	PT-08	8'-6"	STUCCO TO MATCH EXTERIOR. *SEE DETAIL A7.2 *SEE ELEVS. A6 SHTS.
102	WEST CORRIDOR	F-02		B-02				*	*			EXIST	*PT-04	EXP	PT-07	VARIES	
103A	A.T.M.	F-05		B-05		GYP	PT-06	GYP	PT-06	GYP	PT-06	GYP	PT-06	ACT01		8'-6"	
103B	STORAGE	F-05		B-05		GYP	PT-06	GYP	PT-06	GYP	PT-06	GYP	PT-06	ACT01		8'-6"	
104	FUT. COFFEE SHOP	EXP				EXIST	PT-06	EXIST	PT-06	GYP	PT-06	EXIST	PT-06	GYP	PT-06	8'-6"	SHELL SPACE
105	EXIST. COOLERS																EXIST. TO REMAIN
106	TOILET	F-05		B-05		EXIST	PT-06	EXIST	PT-06	GYP	PT-06	EXIST	PT-06	EXIST	PT-06	8'-8"	
107	EMPLOYEES	F-05		B-05		EXIST	PT-06	EXIST	PT-06	GYP	PT-06	EXIST	PT-06	EXIST	PT-06	8'-8"	
108	STAFF TOILETS	F-06		B-06		EXIST	CT-03	EXIST	CT-03	EXIST	CT-03	EXIST	CT-03	EXIST	PT-06	8'-8"	
109	VESTIBULE	F-02		B-02		GYP	PT-05	GYP	PT-05	GYP	PT-05	GYP	PT-05	GYP	PT-06	7'-2"	
110	MEN'S TOILET	F-06				GYP	CT-02	GYP	CT-02*	EXIST	CT-02	GYP	CT-02	ACT02		8'-0"	LIGHT COVE - PT05 *SEE DRAWING
111	WOMEN'S TOILET	F-03				GYP	CT-02	EXIST	CT-02	EXIST	CT-02	GYP	CT-02*	ACT02		8'-0"	LIGHT COVE - PT05 *SEE DRAWING
112	EXIST. KITCHEN																EXIST. TO REMAIN
113	EXIST. BOILER																EXIST. TO REMAIN
114	EXIST. RESTAURANT																EXIST. TO REMAIN
115	EXIST. SPRINKLER	F-05		B-05		EXIST	PT-06	EXIST	PT-06	EXIST	PT-06	GYP	PT-06	ACT01		9'-0"	
116	STORAGE	F-05		B-05		GYP		GYP		GYP		GYP	PT-06	ACT01		9'-0"	
117	READING	F-03		B-03		EXIST	PT-02	EXIST	*PT-02		*PT-02			ACT03		8'-8"	*CHAIR RAIL @ 36"AFF
118	LOUNGE	F-03		B-03		GYP	*PT-02	GYP	PT-02		PT-02			ACT03		8'-8"	*CHAIR RAIL @ 36"AFF
119	N. CORRIDOR	F-02		B-02							*PT-02			EXP	PT-07	VARIES	*SEE ELEVS. A6 SHTS.
120	SUPPLIES	F-05		B-05		GYP	PT-06	GYP	PT-06		PT-06	GYP	PT-06	ACT04	TBD	9'-0"	
121	CONTROLLER	F-05		B-05								GYP	PT-01	ACT04	TBD	9'-0"	SEE ELEVS. A6 SHTS.
122	GAME TABLES	F-03		B-03					SEE SHEET ID	FOR DETAILS				ACT04	TBD	9'-0"	
123	INTERNET								SEE SHEET ID	FOR DETAILS				ACT04	TBD	9'-0"	
124	VIDEO GAMING								SEE SHEET ID	FOR DETAILS				ACT04	TBD	9'-0"	
125	E. CORRIDOR	F-02		B-02				GYP	PT-05					EXP	PT-07	VARIES	SEE ELEVS. A6 SHTS.
126	S. CORRIDOR	F-02		B-02						GYP	PT-01			EXP	PT-07	VARIES	SEE ELEVS. A6 SHTS.
127	E. MEETING ROOM	F-08		B-09		GYP	PT-01*	EXIST	PT-01*	EXIST				ACT01		10'-0"	CARRY FINISHES INTO CLOS. BULKHEAD - PT05 *SEE ELEV. A6
128	W. MEETING ROOM	F-08		B-09						EXIST		GYP	PT-01	ACT01		10'-0"	CARRY FINISHES INTO CLOS. BULKHEAD - PT05 *SEE ELEV. A6
129	SERVICE & DELIVERY	F-05		B-05			PT-06	GYP	PT-06	EXIST	PT-06		PT-06	ACT02		10'-0"	
130	VESTIBULE	F-02		B-02			PT-01		PT-01	GYP	PT-01		PT-01	GYP	PT06	7'-2"	
131	JANITOR	F-05		B-05			PT-06		CT-03		PT-06		PT-06	ACT02		9'-0"	LIGHT COVE - PT05 SEE DRAWING
132	MEN'S TOILET	F-06		B-06			CT-02		CT-02		CT-02		CT-02*	ACT02		9'-0"	
133	WOMEN'S TOILET	F-06		B-06			CT-02		CT-02*		CT-02		CT-02	ACT02		9'-0"	LIGHT COVE - PT05
134	TELEVISION LOUNGE	F-08		B-09			PT-04		PT-04		PT-04		PT-04	ACT01		10'-0"	SEE ELEV. A6 SHTS.
135	EXIST. STORAGE	F-05		B-05		EXIST	PT-06	EXIST	PT-06	EXIST	PT-06	EXIST	PT-06	EXIST	PT06	9'-0"	
136	BUILDING MANAGER	F-04		B-04		GYP	PT-10	GYP	PT-10	GYP	PT-09	GYP	PT-10	ACT02		9'-0"	
137	PASSAGE	F-05		B-05			PT-06		PT-06		PT-06		PT-06	ACT02		9'-0"	
138	SERVER - A/V	F-05		B-05										NONE			
139	STORAGE	F-05		B-05						EXIST				ACT02		9'-0"	NOTE 9
140	EXIST. ELECT.	F-05		B-05		EXIST		EXIST		EXIST		EXIST		EXIST	PT05	EXIST	PATCH EX. FINISHES
141	I.T.T. OFFICES	F-04		B-04		GYP	PT-03	GYP	PT-03	GYP	PT-03	GYP	PT-03	ACT03		10'-0"/8'-6"	SOFFIT 8'-0" - PT-05
142	SAFE ROOM	F-05		B-05			PT-10		PT-10		PT-10		PT-10	ACT02		8'-6"	
143	COUNTING	F-05		B-05			PT-10		PT-10		PT-10		PT-10	ACT02		8'-6"	
144	BREAK ROOM	F-05		B-05			PT-10		PT-10		PT-11		PT-10	ACT02		8'-6"	
145	I.T.T. MANAGER	F-04		B-04			PT-10		PT-10		PT-09		PT-10	ACT02		8'-6"	

FINISHES NOTES:

1. REFER TO INTERIORS SHEET ID-1 FOR FLOORING MATERIAL, TRANSITIONS, AND EXTENTS OF PAINTING.
2. REFER TO PROJECT MANUAL FOR INFORMATION ON TOILET PARTITIONS, VANITIES, AND TOILET ACCESSORIES.
3. REFER TO CASEWORK DETAILS FOR SPECIFIC FINISHES.
4. ALL HM FINISHES SHALL BE PAINTED PT-07, U.N.O.O.
5. ALL HM DOORS SHALL BE PAINTED PT-07, U.N.O.
6. ALL WOOD DOORS SHALL RECEIVE TRANSPARENT STAIN AS SPECIFIED, UNLESS OTHERWISE NOTED.
7. ALL ALUMINUM DOOR AND WINDOW FRAMES SHALL BE "DARK BRONZE" OR AS SCHEDULED.
8. PT-08 - MATCH EXTERIOR STUCCO WALL PAINT (VESTIBULE 101 WALLS AND CEILING)
9. AT STORAGE 139, INSTALL FULL HEIGHT METAL CHAIN-LINK STORAGE DIVIDERS WITH INDIVIDUAL LOCKING GATES IN CONFIGURATION SHOWN IN THE PLANS.
10. RECESSED WALK-OFF MATS - IN SIZES SHOWN ON PLAN, RECESSED FLUSH WITH FINISHED TILE FLOOR SURFACE. "CENTURY GRATE SYSTEM (UX-282), MODEL 5" BY AMERICAN FLOOR PRODUCTS CO., INC. (800-342-0424) www.afco-usa.com. MILL FINISHED ALUMINUM, STRIP COLOR TO BE SELECTED FROM MFRS. FULL LINE OF PRODUCTS.

FINISHES KEY:

FLOORS
F-01 (NOT USED)
F-02 24" X 24" TILE (AS SELECTED)
F-03 MILLIKEN CONTRACT, IMAGE SERIES ONE DESIGN: IMAGE 2, COLOR: 40 P/6541
F-04 MILLIKEN CONTRACT, IMAGE SERIES TWO DESIGN: IMAGE 68, COLOR: 661 P/6116
F-05 RESILIENT TILE (AS SELECTED)
F-06 EPOXY FLOORING (AS SELECTED)
F-07 4" X 4" TILE (AS SELECTED)
F-08 MILLIKEN CONTRACT, IMAGE SERIES TWO DESIGN: IMAGE 66, COLOR: 656 P/6116

BASE
B-01 TILE TO MATCH F-01
B-02 6" RESILIENT TO MATCH F-02
B-03 6" RESILIENT TO MATCH F-03
B-04 6" RESILIENT TO MATCH F-04
B-05 6" RESILIENT TO MATCH F-05
B-06 6" EPOXY TO MATCH F-06
B-07 TILE TO MATCH F-07
B-08 4" RESILIENT AT CASEWORK
B-09 6" RESILIENT TO MATCH F-08

WALLS
PT-01 BENJAMIN MOORE, SEDONA CLAY, #2174-30
PT-02 BENJAMIN MOORE, GENTLE VIOLET, #2071-20
PT-03 BENJAMIN MOORE, NEWPORT GREEN, #2050-30
PT-04 BENJAMIN MOORE, EARTHY RUSSET, #2173-10
PT-05 BENJAMIN MOORE, CORK, #2153-40
PT-06 BENJAMIN MOORE, (AS SELECTED)
PT-07 BENJAMIN MOORE, (AS SELECTED)
PT-08 TO MATCH EXISTING EXTERIOR STUCCO
PT-09 BENJAMIN MOORE, (AS SELECTED)
PT-10 BENJAMIN MOORE, (AS SELECTED)
PT-11 BENJAMIN MOORE, (AS SELECTED)
CT-01 DALTILE GLASS REFLECTIONS, AMBER MEDLEY, E636
CT-02 DALTILE 4"x4", (AS SELECTED)
COORDINATING TO CT-01 (AS SELECTED)
CT-03 DALTILE 4"x4" (AS SELECTED)

CEILING/SOFFIT
PT-08 CEILING PAINT "WHITE"
PT-09 CEILING PAINT "FLAT BLACK"
ACT-01 2x4, SQUARE EDGE
ACT-02 2x4, SQUARE EDGE, WASHABLE
ACT-03 2x2, TEGULAR EDGE
ACT-04 2x2, GRID (AS SELECTED)

TETRA TECH
www.tetratech.com
65 UNION AVENUE, SUITE 300
MEMPHIS, TN 38103
PHONE: (901) 523-6500

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MARK	DATE	DESCRIPTION	BY

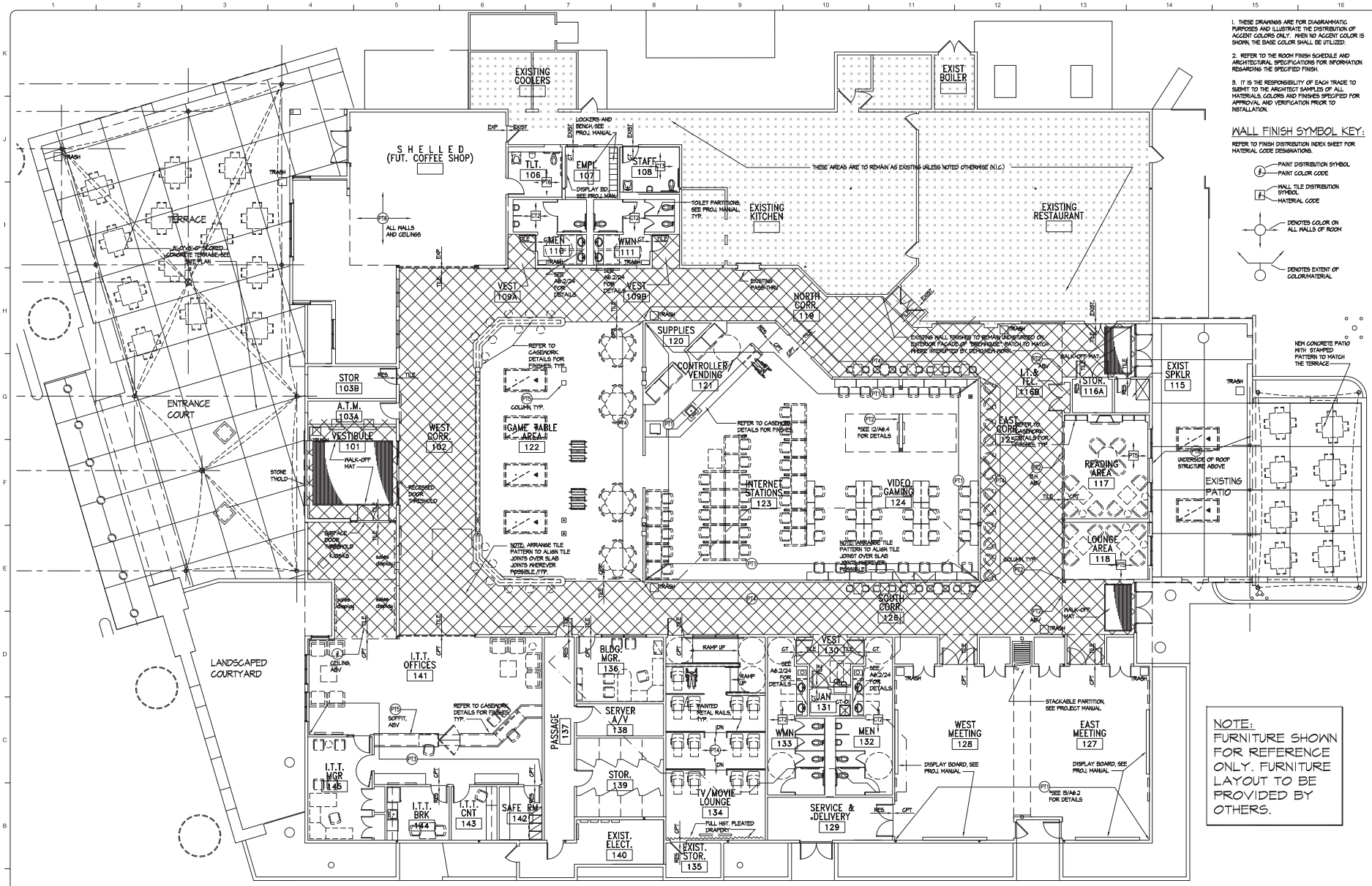
Client:
Proj. Loc.: SAN DIEGO, CA
US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

FINISH SCHEDULE
"WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	SMK/KB.H
Drawn By:	SMK/KB.H
Checked By:	

A8.2

Copyright: Tetra Tech



1. THESE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES AND ILLUSTRATE THE DISTRIBUTION OF ACCENT COLORS ONLY. WHEN NO ACCENT COLOR IS SHOWN, THE BASE COLOR SHALL BE UTILIZED.

2. REFER TO THE ROOM FINISH SCHEDULE AND ARCHITECTURAL SPECIFICATIONS FOR INFORMATION REGARDING THE SPECIFIED FINISH.

3. IT IS THE RESPONSIBILITY OF EACH TRADE TO SUBMIT TO THE ARCHITECT SAMPLES OF ALL MATERIALS, COLORS AND FINISHES SPECIFIED FOR APPROVAL AND VERIFICATION PRIOR TO INSTALLATION.

WALL FINISH SYMBOL KEY:

REFER TO FINISH DISTRIBUTION INDEX SHEET FOR MATERIAL CODE DESIGNATIONS.

- PAINT DISTRIBUTION SYMBOL / PAINT COLOR CODE
- WALL TILE DISTRIBUTION SYMBOL / MATERIAL CODE
- DENOTES COLOR ON ALL WALLS OF ROOM
- DENOTES EXTENT OF COLOR/MATERIAL

1 / 1D1 INTERIOR FINISHES PLAN

1/8" = 1'-0"

REFER TO INTERIOR ELEVATIONS, A6 SHEETS, AND FINISH SCHEDULE, SHEET A-8.2 FOR ADDITIONAL INFORMATION

NORTH

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65 UNION AVENUE, SUITE 300
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PHONE: (901) 523-4500

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MARK	DATE	DESCRIPTION	BY

Client: ####

Proj. Loc.: SAN DIEGO, CA

US. NAVY BASE - SAN DIEGO
RENOVATIONS TO BUILDING 45

INTERIOR FINISHES
"WATERFRONT RECREATION CENTER"

Project No.:	0712B
Designed By:	SMK/KB.H
Drawn By:	SMK/KB.H
Checked By:	

ID1

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