

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

AUTOMATIC SPRINKLER NOTES

1. REWORK THE EXISTING AUTOMATIC SPRINKLER SYSTEM TO COMPLY WITH THE REQUIREMENTS OF THE NEW REMODELED AREA AND NEW REFLECTED CEILING PLAN.
2. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED USING AN APPROVED MATERIAL.
3. INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLAN AND SPECIFICATIONS (INCLUDING WATER SUPPLY INFORMATION AND TYPE OF EXISTING SPRINKLER SYSTEM, IF ANY) HAVE BEEN APPROVED.
4. AT VARIOUS STAGES AND UPON COMPLETION, THE SYSTEM MUST BE TESTED IN THE PRESENCE OF THE ENFORCING AGENCY.
5. THE SPACING AND DETAILS OF THE SUPPORT AND BRACING FOR FIRE SPRINKLER PIPING SHALL COMPLY WITH THE LATEST EDITION OF NFPA No. 13. U-TYPE HANGERS USED AS SWAY BRACING MUST HAVE LEGS BENT OUT 10" AND MUST HAVE A SLENDERNESS RATIO NOT EXCEEDING 200. PROVIDE CALCULATIONS AND DETAILS FOR SUPPORT AND BRACING MEMBERS AND CONNECTIONS.
6. THE WORK OF THIS SECTION SHALL BE INSTALLED ONLY UNDER SUPERVISION AND CONTROL OF A LICENSED FIRE SPRINKLER FIRM USING QUALIFIED PERSONNEL HAVING SUCCESSFUL EXPERIENCE IN SIMILAR INSTALLATION.
7. APPLY AND PAY FOR ALL PERMITS, FEES, INSPECTIONS, EXAMINATIONS AND TESTS REQUIRED BY ANY LEGALLY CONSTITUTED AUTHORITIES.
8. ALL NEW SPRINKLER HEADS REQUIRED SHALL MATCH EXISTING SPRINKLER HEADS. PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH CAST IRON SCREWED FITTINGS. JOINTS SHALL BE MADE UP WITH PIPE COMPOUND, APPLIED TO THE MALE THREAD ONLY. CLOSED NIPPLES WILL NOT BE PERMITTED. PIPE SHALL BE THOROUGHLY CLEANED INSIDE BEFORE INSTALLATION.
9. THE PREMISES AND EXISTING BUILDING AT THE SITE WILL BE IN USE AT THE TIME THE WORK OF THIS CONTRACT IS IN PROGRESS. CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO CAUSE NO INCONVENIENCE OR DANGER TO THE PERSONNEL ON THE PREMISES. HE SHALL MAINTAIN CONTINUITY OF SERVICE TO THE EXISTING SPRINKLER SYSTEMS, EXCEPT FOR DESIGNATED INTERVALS DURING WHICH CONNECTIONS CAN BE MADE. THE SCHEDULING OF THE SHUT DOWN PERIOD SHALL BE AT A TIME DIRECTED BY THE VA.
10. IT SHALL BE THE SPRINKLER CONTRACTOR'S RESPONSIBILITY TO PREPARE DRAWINGS SHOWING ALL REQUIRED SPRINKLER HEADS. ONCE THE CONTRACT HAS BEEN AWARDED, COMPLETE FIRE SPRINKLER DRAWINGS SHALL BE PREPARED, COMPLETE WITH CALCULATIONS, AND SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR STAMP APPROVAL.
11. FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED BY FIELD INSPECTION.
12. ONLY NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM.
13. ALL VALVES SHALL HAVE A PERMANENTLY AFFIXED SIGN INDICATING ITS FUNCTION.
14. ALL VALVES SHALL BE OS & Y & UNDERWRITER'S LABORATORIES INC. (U.L.) LISTED PIPE.
15. ALL SPRINKLER HEADS SHALL BE U.L. & FM APPROVED TO MATCH EXISTING.

MEDICAL GAS NOTES

- A. OXYGEN, VACUUM AND MEDICAL AIR PIPING SHALL BE TYPE "L" HARD DRAWN COPPER TUBE WITH WROUGHT COPPER FITTINGS, ALL PIPING PREPARED FOR OXYGEN SERVICE BY THE MANUFACTURER AND RECEIVED SEALED ON THE JOB. VACUUM PIPING SHALL BE TYPE "L" SHALL BE HARD DRAWN COPPER TUBE WITH WROUGHT COPPER FITTINGS. JOINTS SHALL BE MADE WITH SILVER BEARING COPPER-PHOSPHORUS (BCUP5) BRAZING ALLOY (MELTING POINT AT LEAST 1000 F. THE USE OF FLUX IS PROHIBITED.
- B. INSTALLATION, PRESSURE TESTING, CROSS CONNECTION TESTING, FINAL TESTING, PURGING AND ANALYZING ALL MEDICAL GAS PIPING SHALL CONFORM WITH THE REQUIREMENTS OF NFPA NO. 99. ALL SUCH TESTING SHALL BE PERFORMED BY AN AGENCY CERTIFIED TO PERFORM SUCH TESTING, OTHER THAN THE CONTRACTOR FOR THE WORK OF THIS SECTION. COST OF THIS TESTING SHALL BE A PART OF THE WORK OF THIS SECTION.
- C. LOCATION AND MOUNTING HEIGHTS OF OUTLETS SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS.
- D. MEDICAL GAS PIPING SHALL BE CUT SQUARE. ALL BURRED ENDS OF ALL PIPING AND TUBING SHALL BE REAMED TO FULL BORE OF THE PIPE OR TUBE AND ALL CHIPPES SHALL BE REMOVED. TOOLS USED IN CUTTING OR REAMING SHALL BE KEPT FREE FROM GREASE OR OIL, AND WHERE SUCH CONTAMINATION HAS OCCURED, THE ITEM AFFECTED SHALL BE REWASHED AND RINSED. THE MEDICAL GAS SYSTEM SHALL BE INSTALLED AND TESTED PER N.F.P.A. 99, 2005 EDITION.
- E. MEDICAL GAS PIPING, VALVES AND FITTINGS, EXCEPT THOSE SUPPLIED ESPECIALLY FOR OXYGEN SERVICE BY THE MANUFACTURER AND RECEIVED SEALED ON THE JOB, SHALL BE THOROUGHLY CLEANED OF OIL, GREASE AND OTHER READILY OXIDIZABLE MATERIALS BY WASHING AS REQUIRED

DRAWING SHEET INDEX

1-P.1	GENERAL NOTES & PLUMBING LEGEND
1-P.2	SCHEDULES
1-P.3	OVERALL PLUMBING FLOOR PLAN (PHASE 2)
1-P.4	DEMOLITION PLUMBING FLOOR PLAN (PHASE 2)
1-P.5	INTERSTITIAL DEMOLITION PLUMBING FLOOR PLAN (PHASE 2)
1-P.6	REMODEL PLUMBING FLOOR PLAN (PHASE 2)
1-P.7	INTERSTITIAL REMODEL PLUMBING FLOOR PLAN (PHASE 2)
1-P.8	CANOPY PLUMBING FLOOR AND ROOF PLAN (PHASE 2)

CODES AND STANDARDS

1. VA DIRECTIVES, DESIGN MANUALS AND MASTER CONSTRUCTION SPECIFICATIONS:
A. VA DESIGN MANUALS, PG 18-10 - MAY 2006
B. VA FIRE PROTECTION DESIGN MANUAL - APRIL 2009
C. VA PROGRAM GUIDE 18-1, MASTER CONSTRUCTION SPECIFICATIONS
2. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES
3. INTERNATIONAL BUILDING CODE, 2009 EDITION (IBC 2009)
4. NATIONAL STANDARD PLUMBING CODE (NSPC)
5. UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)
6. SUSTAINABLE DESIGN AND ENERGY REDUCTION MANUAL (SDERM) APRIL 2010

PLUMBING GENERAL NOTES

1. CONTRACTOR SHALL CAREFULLY REVIEW THESE PLANS AND SPECIFICATIONS PRIOR TO BID. CONTRACTOR SHALL ALSO REVIEW PLANS AND SPECIFICATIONS OF OTHER RELATED TRADES PRIOR TO BID TO INSURE AN ACCURATE UNDERSTANDING OF EXACT SCOPE OF WORK. ANY ITEMS REQUIRING CLARIFICATION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN SUFFICIENT TIME TO BE INCORPORATED INTO THE BID.
2. THESE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ARE NOT INTENDED TO INDICATE ALL DETAILS AND NECESSARY OFFSETS OF PIPING. THE CONTRACTOR SHALL INSTALL MATERIAL AND EQUIPMENT IN A MANNER AS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, AND KEEP OPENINGS AND PASSAGEWAYS CLEAR. ALL INSTALLATIONS SHALL BE CONSISTENT WITH NORMALLY ACCEPTABLE INDUSTRY STANDARDS.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES. NOTHING SHOWN ON THE PLANS OR STATED IN THE SPECIFICATIONS IS INTENDED TO INDICATE THAT THE INSTALLATIONS OR CONNECTIONS OF ANY ITEM OR DEVICE SHOULD BE DONE CONTRARY TO MANUFACTURERS INSTRUCTIONS AND ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT THE INSTALLATIONS AND CONNECTIONS OF ALL ITEMS AND DEVICES CONFORMS TO MANUFACTURERS INSTRUCTIONS AND TO ALL APPLICABLE CODES AND REGULATIONS.
4. SANITARY WASTE DRAINAGE PIPING SHALL SLOPE AT 1/8" PER FOOT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
5. ALL PLUMBING SOLDER SHALL BE LEAD FREE.
6. STORM DRAINAGE SYSTEM SHALL BE BASED ON 3.2 INCHES PER HOUR RAINFALL INTENSITY.

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• MECHANICAL
• ELECTRICAL
• CIVIL

REGISTERED PROFESSIONAL ENGINEER
M29915
06/30/12
MECHANICAL
STATE OF CALIFORNIA

100 South Anaheim Boulevard, Suite 150
Anaheim, California 92805
Phone: 714.490.5555 Fax: 714.490.5560
Project No. 2309-147-00

architecture and construction services

gkkworks

Project #40086

1775 Hancock Street, Suite 150, San Diego, CA 92110
619.398.0215 • 619.814.1249 fax

Renovate Dental to Ambulatory Care (Phase 2)

General Notes and Plumbing Legend

BUILDING NO. 1

Department of
Veterans Affairs
3350 LaJolla Village Dr.
San Diego, California 92161

VA San Diego
Healthcare System

Desert Pacific Healthcare
Network

USING SERVICE:

DATE: JUNE 15, 2012

FACILITIES MGMT:

CHECKED: B.O.

CHIEF OF STAFF:

DRAWN: T.N.

CHIEF OF OPERATIONS:

SCALE: AS NOTED

DIRECTOR:

DRAWING No. SD-2313

1-P.1

SHEET NO. 59 OF 117

PROJ. No. 664-12-118

100% CONSTRUCTION DOCUMENTS SUBMITTAL

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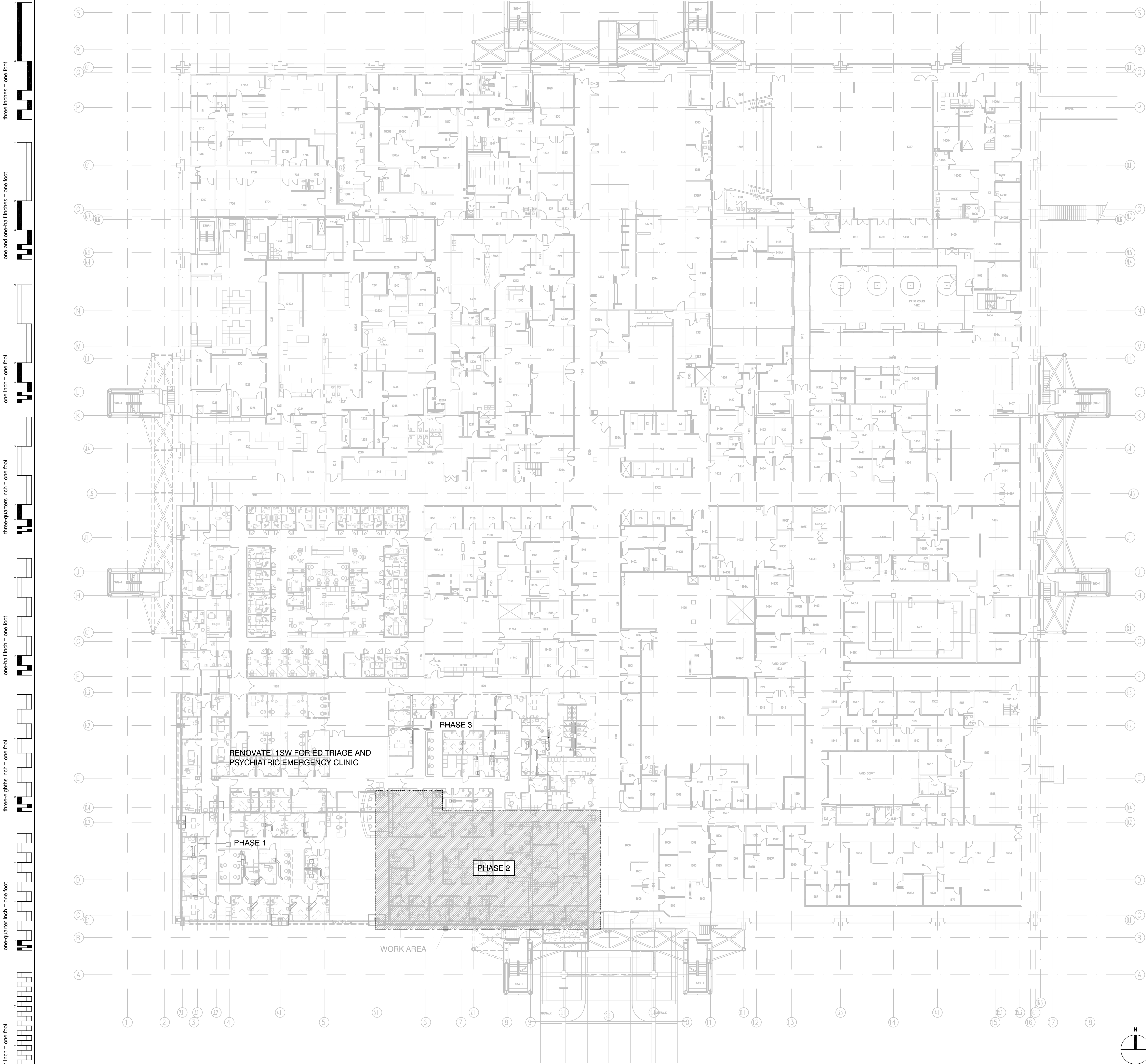
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1 OVERALL PLUMBING FLOOR PLAN (PHASE 2)

SCALE: 1" = 20'-0"

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Overall Plumbing Floor Plan (Phase 2)

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USING SERVICE:

FACILITIES MGMT:

CHIEF OF STAFF:

CHIEF OF OPERATIONS:

DIRECTOR:

DATE: JUNE 15, 2012

CHECKED: B.O.

DRAWN: T.N.

SCALE: AS NOTED

DRAWING No. SD-2313

1-P.3

SHEET NO. 61 OF 117

PROJ. No. 664-12-118

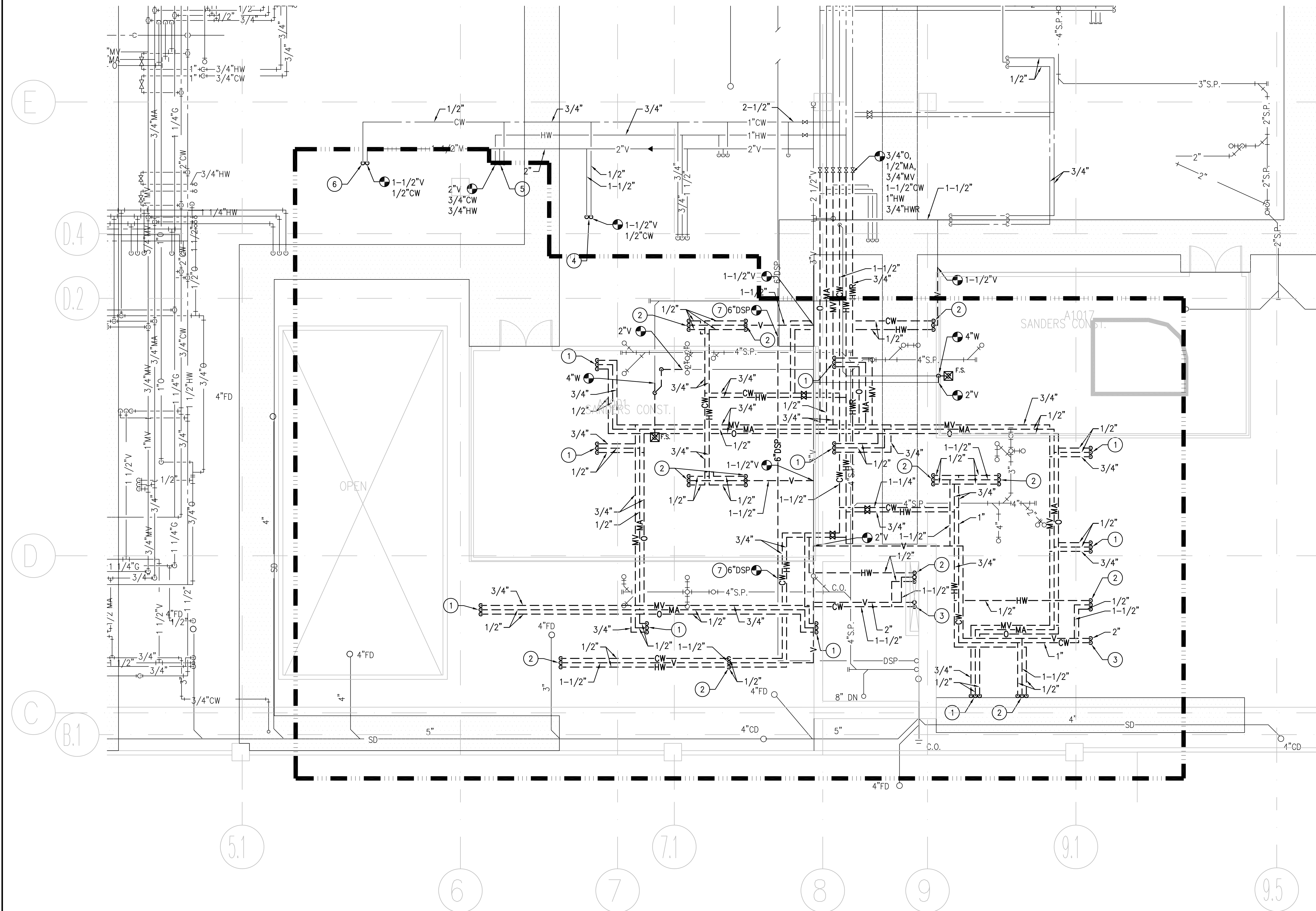
BUILDING NO. 1


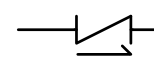





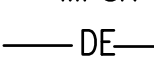


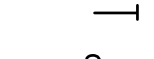
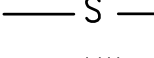
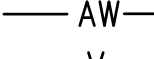
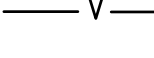
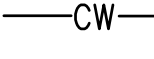
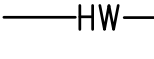
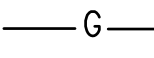
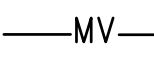





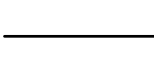

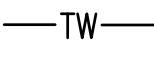
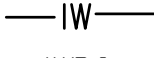
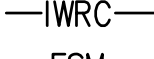
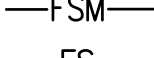
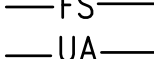
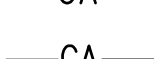
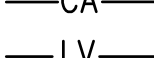
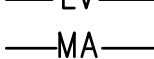
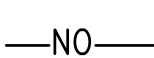
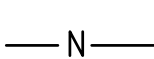
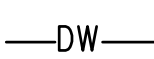
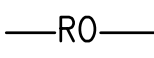



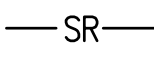







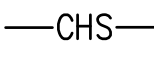
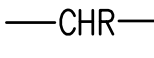
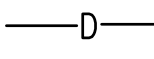
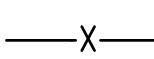
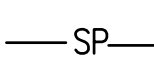
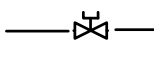
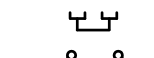

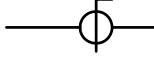
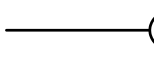
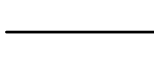
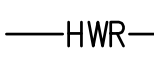
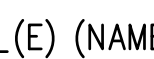
KEY PLAN

100% CONSTRUCTION DOCUMENTS SUBMITTAL

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LEGEND		GENERAL NOTES
DEMO = DASH	EXIST = SOLID	NEW = BOLD/FILLED
	- VALVE	<p>1. ALL PLUMBING LINES SCHEDULED TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY BACK TO AN APPROPRIATE MAIN OR BRANCH LINE WHICH WILL REMAIN IN SERVICE.</p> <p>2. PROVIDE SHUTOFF VALVES ON ALL BRANCH LINES SERVING ROOMS OR EQUIPMENT AT CATWALK, TAG TO SHOW ROOM NUMBER SUPPLIED AND GRID CROSS REFERENCE.</p> <p>3. ALL PIPING SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES.</p> <p>4. IDENTIFY ALL PIPING TO INCLUDE; TYPE OF SYSTEM, DIRECTION OF FLOW.</p> <p>5. MEDICAL GAS SYSTEM TIE IN. CONTRACTOR SHALL CERTIFY THAT THE OXYGEN SYSTEM SHALL BE TESTED FOR CROSS CONNECTION IN ACCORDANCE WITH NPC 565.</p> <p>6. MEDICAL AIR, VACUUM AND NAT. GAS SYSTEMS TIE IN. CONTRACTOR SHALL CERTIFY THAT THE SYSTEM'S SHALL BE TESTED FOR CROSS CONNECTION IN ACCORDANCE WITH NPC 565.</p> <p>7. "WARNING" ASBESTOS PRESENT IN INTERSTITIAL AREAS IN INSULATION ON STRUCTURAL STEEL TRUSSES AND OVERSPRAY ON 4" I-BEAMS, AND ON CONCRETE DECKS. CONTRACTOR TO WEAR RESPIRATOR AND PROTECTIVE COVERALLS IAW LOCAL, STATE & FEDERAL REGULATIONS.</p> <p>8. ALL PENETRATIONS THROUGH FLOORS AND SMOKE BARRIERS SHALL BE TIGHTLY SEALED AND FIRE STOPPED. ANY EXISTING CORE CUTS ARE TO BE FILLED WITH SIMILAR MATERIAL USING 12GA BACKING PLATE.</p>
	- CHECK VALVE	
	- STEAM SEPARATOR	
	- FILTER	
	- STEAM TRAP	
	- MEDIUM PRESSURE STEAM	
	- MEDIUM PRESSURE STEAM RETURN	
	- DE-IONIZED WATER	
	- POINT OF DISCONNECTION POINT OF CONNECTION	
	- CONNECTION TO EQUIPMENT	
	- SOIL PIPE	
	- ACID WASTE PIPE	
	- SANITARY VENT PIPE	
	- COLD WATER LINE	
	- HOT WATER LINE	
	- GAS LINE	
	- MEDICAL VACUUM LINE	
	- VAC/OXYGEN OUTLET	
	- TEE UP	
	- TEE DOWN	
	- ELBOW DOWN	
	- ELBOW UP	
	- CAPPED/PLUGGED PIPE END	
	- HWRC - HOT WATER RETURN CIRCULATION	
	- TW - TEMPERED WATER	
	- IW - ICE WATER	
	- IWRC - ICE WATER RETURN CIRCULATION	
	- FSM - FIRE MANIFOLD	
	- FS - FIRE SPRINKLER STAND PIPE	
	- UA - UTILITY AIR	
	- CA - COMPRESSED AIR	
	- LV - LABORATORY VACUUM	
	- MA - MEDICAL AIR	
	- NO - NITROUS OXIDE	
	- N - NITROGEN	
	- DW - DISTILLED WATER	
	- RO - REVERSE OSMOSIS	
	- FOS - FUEL OIL SUPPLY	
	- FOR - FUEL OIL RETURN	
	- FOV - FUEL OIL VENT	
	- SR - SILVER RECOVERY	
	- HPS - HIGH PRESSURE STEAM SUPPLY	
	- HPSR - HIGH PRESSURE STEAM RETURN	
	- LPS - LOW PRESSURE STEAM SUPPLY	
	- LPSR - LOW PRESSURE STEAM RETURN	
	- VR - VACUUM STEAM RETURN	
	- HWHS - HOT WATER HEATING SUPPLY	
	- HWHR - HOT WATER HEATING RETURN	
	- CHS - CHILLED WATER SUPPLY	
	- CHR - CHILLED WATER RETURN	
	- D - DRAIN LINE	
	- X - CROSS CONNECTION	
	- SP - STAND PIPE	
	- PIV - POST INDICATOR VALVE	
	- HSC - HOSE STATION CONNECTION	
	- EW - EYE WASH	
	- BV - BALL VALVE	
	- FCO - FLOOR CLEANOUT	
	- CO - CLEANOUT	
	- HWR - HWR HOT WATER RETURN	
	- (E) (NAME) - (E) EXISTING PIPE	

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M

A

D

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Project No. 2309-147-00

STRUCTURAL

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ELECTRICAL

CIVIL

REGISTERED PROFESSIONAL ENGINEER

M29915

06/30/12

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STATE OF CALIFORNIA

architecture and construction services

gkkworks

Project #40086

1775 Hancock Street, Suite 150, San Diego, CA 92110

619.595.0215 • 619.814.1249 fax

Renovate Dental to Ambulatory Care (Phase 2)

Interstitial Demolition Plumbing Floor Plan (Phase 2)

Department of Veterans Affairs
3350 LaJolla Village Dr.
San Diego, California 92161

Desert Pacific Healthcare Network

USING SERVICE:

FACILITIES MGMT:

CHIEF OF STAFF:

CHIEF OF OPERATIONS:

DIRECTOR:

DATE: JUNE 15, 2012

CHECKED: B.O.

DRAWN: T.N.

SCALE: AS NOTED

DRAWING No. SD-2313

1-P.5

SHEET NO. 63 OF 117

PROJ. No. 664-12-118

1 INTERSTITIAL DEMOLITION PLUMBING FLOOR PLAN (PHASE 2)

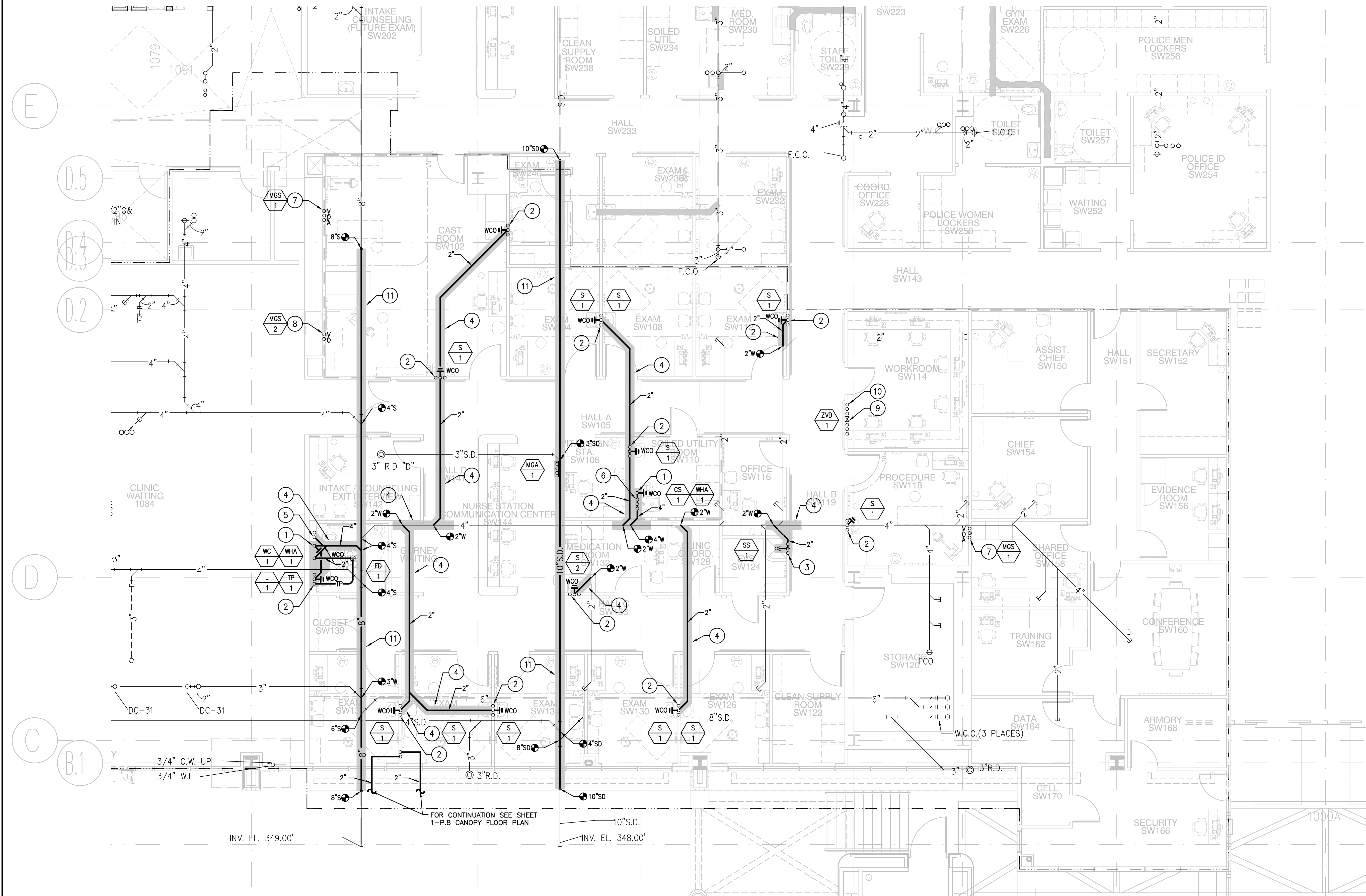
SCALE: 3/16" = 1'-0"

KEY PLAN

100% CONSTRUCTION DOCUMENTS SUBMITTAL

R:\CAD\21CAD\ITTG_Projects\2011\2309-147-00 Renovate Dental to Ambulatory Care & Police\MPE PH-2\1_P-5.dwg Jun 27, 2012 04:25pm snfu

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



LEGEND		GENERAL NOTES
DEMO = DASH	EXIST = SOLID	
NEW = BOLD/FILLED		
	VALVE	1. ALL PLUMBING LINES SCHEDULED TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY BACK TO AN APPROPRIATE MAIN OR BRANCH LINE WHICH WILL REMAIN IN SERVICE. 2. PROVIDE SHUTOFF VALVES ON ALL BRANCH LINES SERVING ROOMS OR EQUIPMENT AT CATWALK, TAG TO SHOW ROOM NUMBER SUPPLIED AND GRID CROSS REFERENCE. 3. ALL PIPING SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES. 4. IDENTIFY ALL PIPING TO INCLUDE; TYPE OF SYSTEM, DIRECTION OF FLOW. 5. MEDICAL GAS SYSTEM TIE IN. CONTRACTOR SHALL CERTIFY THAT THE OXYGEN SYSTEM SHALL BE TESTED FOR CROSS CONNECTION IN ACCORDANCE WITH NPC 565. 6. MEDICAL AIR, VACUUM AND NAT. GAS SYSTEMS TIE IN. CONTRACTOR SHALL CERTIFY THAT THE SYSTEM'S SHALL BE TESTED FOR CROSS CONNECTION IN ACCORDANCE WITH NPC 565. 7. "WARNING" ASBESTOS PRESENT IN INTERSTITIAL AREAS IN INSULATION ON STRUCTURAL STEEL TRUSSES AND OVERSPRAY ON 4" I-BEAMS, AND ON CONCRETE DECKS. CONTRACTOR TO WEAR RESPIRATOR AND PROTECTIVE COVERALLS IAW LOCAL, STATE & FEDERAL REGULATIONS. 8. ALL PENETRATIONS THROUGH FLOORS AND SMOKE BARRIERS SHALL BE TIGHTLY SEALED AND FIRE STOPPED. ANY EXISTING CORE CUTS ARE TO BE FILLED WITH SIMILAR MATERIAL USING 12GA BACKING PLATE.
	CHECK VALVE	
	STEAM SEPARATOR	
	FILTER	
	STEAM TRAP	
	MEDIUM PRESSURE STEAM	
	MEDIUM PRESSURE STEAM RETURN	
	DE-IONIZED WATER	
	POINT OF DISCONNECTION	
	CONNECTION TO EQUIPMENT	
	SOIL PIPE	
	ACID WASTE PIPE	
	SANITARY VENT PIPE	
	COLD WATER LINE	
	HOT WATER LINE	
	GAS LINE	
	MEDICAL VACUUM LINE	
	VAC/OXYGEN OUTLET	
	TEE UP	1. PROVIDE 4" SANITARY RISER FOR FUTURE SECOND FLOOR BUILD OUT. 2. 1-1/2" VENT, 1/2" COLD AND 1/2" HOT WATER IN WALL. 3. 2" VENT, 3/4" COLD AND 3/4" HOT WATER IN WALL. 4. SAW CUT EXISTING CONCRETE FLOOR SLAB IN ORDER TO INSTALL UNDERGROUND SANITARY/WASTE PIPING AS INDICATED. 5. 2" VENT AND 1-1/2" COLD WATER IN WALL. 6. 2" VENT, 1-1/2" COLD AND 3/4" HOT WATER IN WALL. 7. 1/2" MEDICAL AIR, 1/2" OXYGEN AND 3/4" MEDICAL VACUUM PIPING IN WALL CONNECTED TO MEDICAL GAS STATION OUTLETS. 8. 1/2" OXYGEN AND 3/4" MEDICAL VACUUM PIPING IN WALL CONNECTED TO MEDICAL GAS STATION OUTLETS. 9. 1/2" MEDICAL AIR, 3/4" OXYGEN AND 3/4" MEDICAL VACUUM MEDICAL GAS ZONE VALVES IN CORRIDOR WALL. 10. 1/2" MEDICAL AIR, 3/4" OXYGEN AND 3/4" MEDICAL VACUUM UP AND DOWN IN CORRIDOR WALL. 11. SAW CUT EXISTING CONCRETE FLOOR SLAB IN ORDER TO REMOVE AND REPLACE EXISTING SANITARY AND STORM DRAINAGE LINES AS INDICATED. REFER TO SHEET 1-P-4 DEMOLITION PLAN.
	TEE DOWN	
	ELBOW DOWN	
	ELBOW UP	
	CAPPED/PLUGGED PIPE END	
	HOT WATER RETURN CIRCULATION	
	TEMPERED WATER	
	ICE WATER	
	ICE WATER RETURN CIRCULATION	
	FIRE MANIFOLD	
	FIRE SPRINKLER STAND PIPE	
	UTILITY AIR	
	COMPRESSED AIR	
	LABORATORY VACUUM	
	MEDICAL AIR	
	NITROUS OXIDE	
	NITROGEN	
	DISTILLED WATER	
	REVERSE OSMOSIS	
	FUEL OIL SUPPLY	
	FUEL OIL RETURN	
	FUEL OIL VENT	
	SILVER RECOVERY	
	HIGH PRESSURE STEAM SUPPLY	
	HIGH PRESSURE STEAM RETURN	
	LOW PRESSURE STEAM SUPPLY	
	LOW PRESSURE STEAM RETURN	
	VACUUM STEAM RETURN	
	HOT WATER HEATING SUPPLY	
	HOT WATER HEATING RETURN	
	CHILLED WATER SUPPLY	
	CHILLED WATER RETURN	
	DRAIN LINE	
	CROSS CONNECTION	
	STAND PIPE	
	POST INDICATOR VALVE	
	HOSE STATION CONNECTION	
	EYE WASH	
	BALL VALVE	
	FLOOR CLEANOUT	
	CLEANOUT	
	HOT WATER RETURN	
	EXISTING PIPE	

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Renovate Dental to Ambulatory Care (Phase 2)

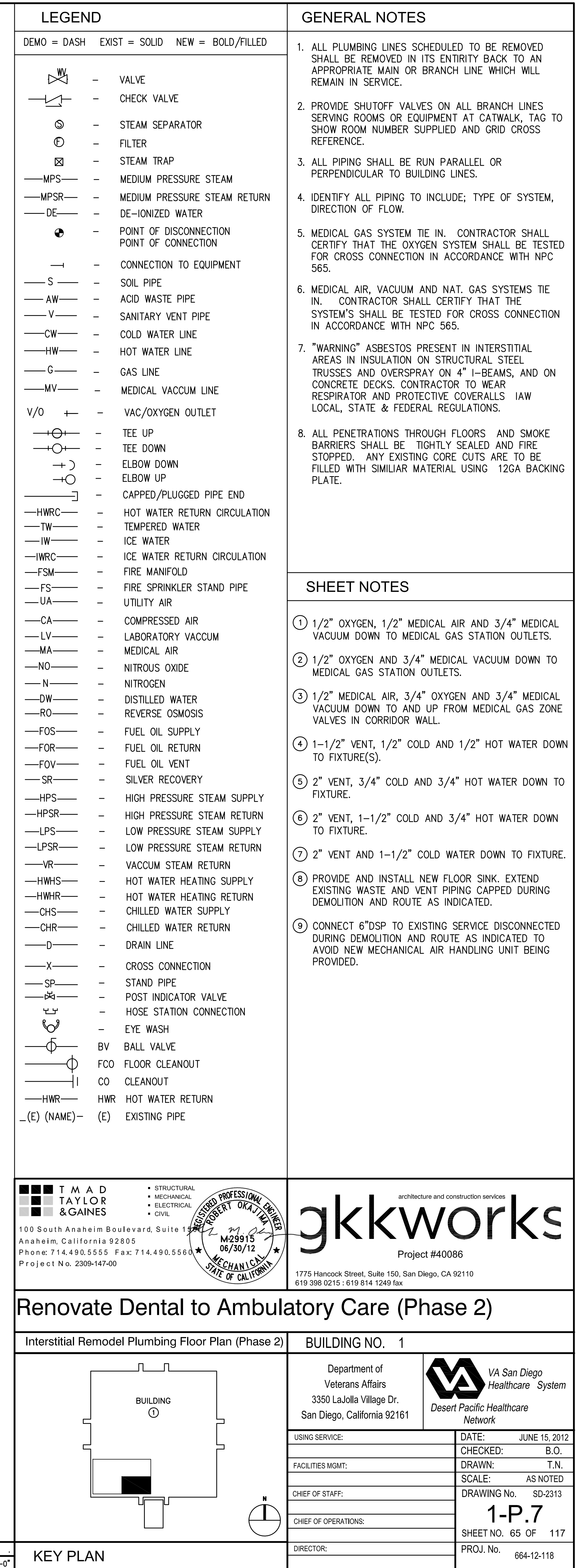
Remodel Plumbing Floor Plan (Phase 2)

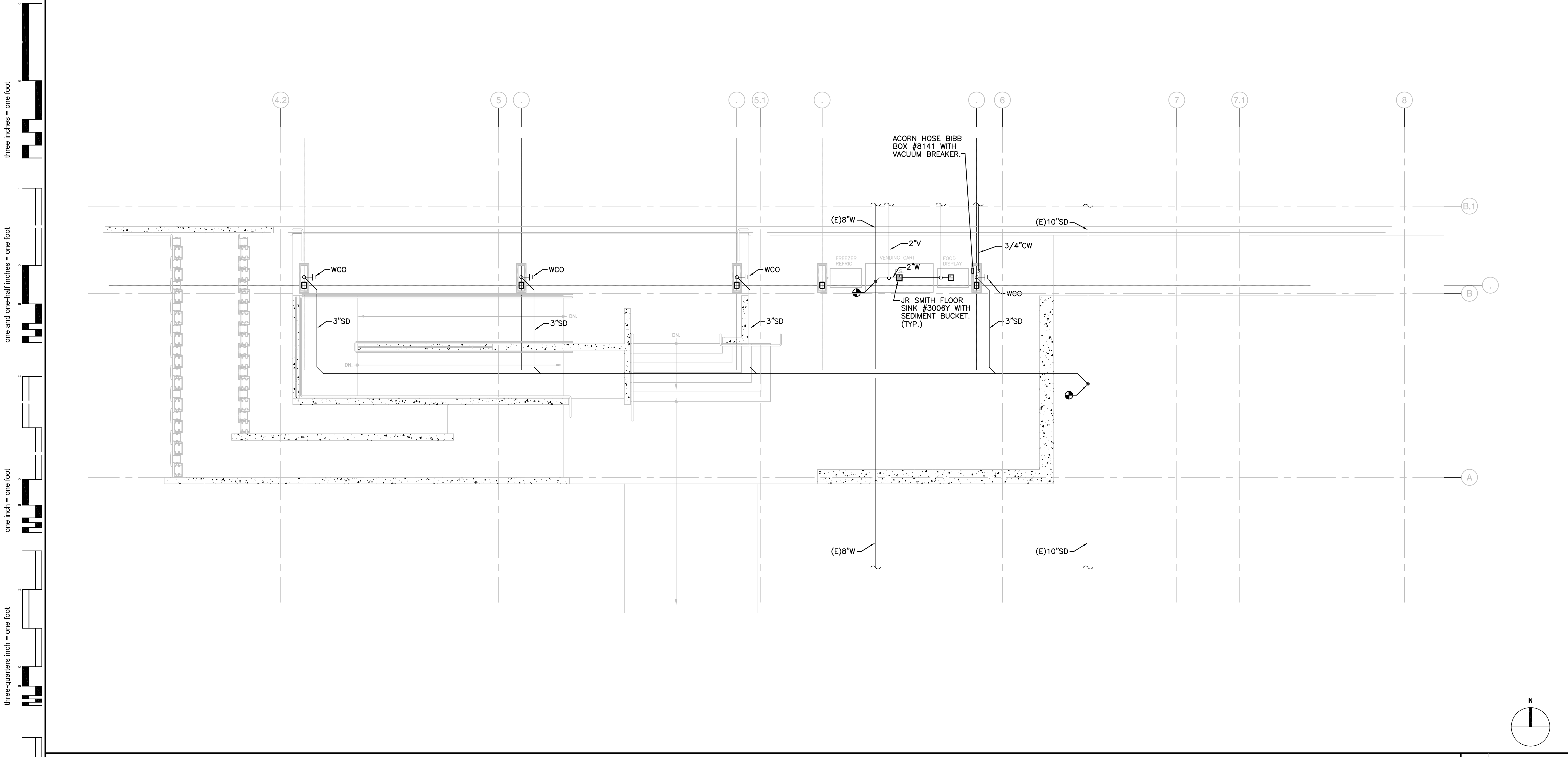
BUILDING NO. 1

Department of Veterans Affairs
3350 LaJolla Village Dr.
San Diego, California 92161

VA San Diego Healthcare System
Desert Pacific Healthcare Network

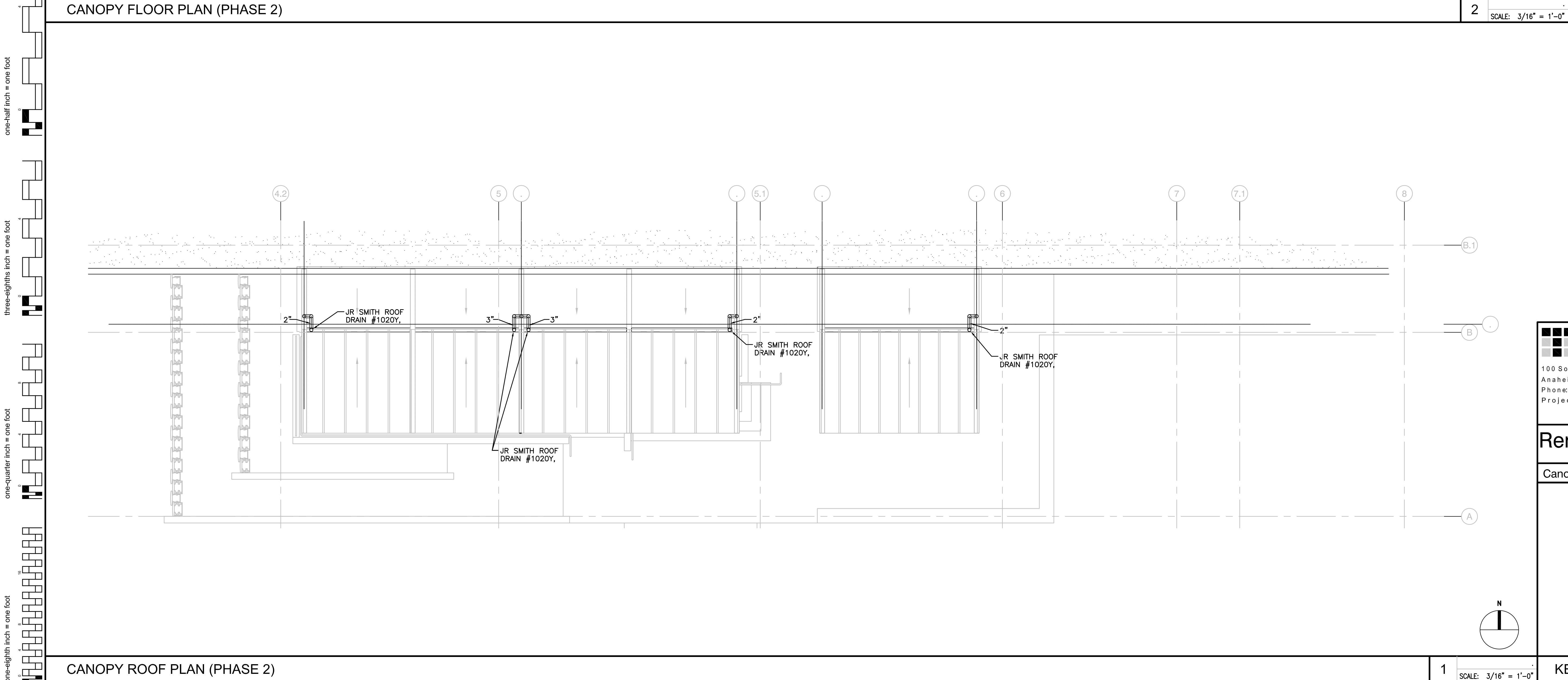
USING SERVICE: DATE: JUNE 15, 2012
CHECKED: B.O.
DRAWN: T.N.
SCALE: AS NOTED
CHIEF OF STAFF: DRAWING No. SD-2313
CHIEF OF OPERATIONS: 1-P.6
DIRECTOR: SHEET NO. 54 OF 117
PROJ. No. 664-12-118





LEGEND		
DEMO = DASH	EXIST = SOLID	NEW = BOLD/FILLED
	-	VALVE
	-	CHECK VALVE
	-	STEAM SEPARATOR
	-	FILTER
	-	STEAM TRAP
	-	MEDIUM PRESSURE STEAM
	-	MEDIUM PRESSURE STEAM RETURN
	-	DE-IONIZED WATER
	-	POINT OF DISCONNECTION
	-	CONNECTION TO EQUIPMENT
	-	SOIL PIPE
	-	ACID WASTE PIPE
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	-	HOT WATER LINE
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	-	MEDICAL VACCUUM LINE
	-	VAC/OXYGEN OUTLET
	-	TEE UP
	-	TEE DOWN
	-	ELBOW DOWN
	-	ELBOW UP
	-	CAPPED/PLUGGED PIPE END
	-	HOT WATER RETURN CIRCULATION
	-	TEMPERED WATER
	-	ICE WATER
	-	ICE WATER RETURN CIRCULATION
	-	FIRE MANIFOLD
	-	FIRE SPRINKLER STAND PIPE
	-	UTILITY AIR
	-	COMPRESSED AIR
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	-	FUEL OIL SUPPLY
	-	FUEL OIL RETURN
	-	FUEL OIL VENT
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	-	HIGH PRESSURE STEAM SUPPLY
	-	HIGH PRESSURE STEAM RETURN
	-	LOW PRESSURE STEAM SUPPLY
	-	LOW PRESSURE STEAM RETURN
	-	VACUUM STEAM RETURN
	-	HOT WATER HEATING SUPPLY
	-	HOT WATER HEATING RETURN
	-	CHILLED WATER SUPPLY
	-	CHILLED WATER RETURN
	-	DRAIN LINE
	-	CROSS CONNECTION
	-	STAND PIPE
	-	POST INDICATOR VALVE
	-	HOSE STATION CONNECTION
	-	EYE WASH
	-	BV BALL VALVE
	-	FCO FLOOR CLEANOUT
	-	CO CLEANOUT
	-	HWR HOT WATER RETURN
	-	(E) EXISTING PIPE

- GENERAL NOTES**
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Renovate Dental to Ambulatory Care (Phase 2)

Canopy Plumbing Floor and Roof Plan (Phase 2)

Department of Veterans Affairs
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San Diego, California 92161

Desert Pacific Healthcare Network

USING SERVICE:
FACILITIES MGMT:
CHIEF OF STAFF:
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SHEET NO. 66 OF 117
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