

BARLOW RESPIRATORY HOSPITAL

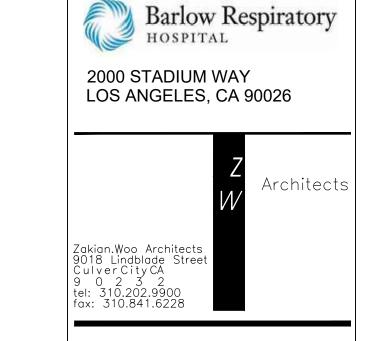
2000 STADIUM WAY, LOS ANGELES, CA 90026

MATERIAL TESTING & CONDITIONS ASSESSMENT PROGRAM (MTCAP)

1902 BUILDING - DINING/KITCHEN BUILDING & ADDITIONS - BLD-00731

FACILITY NUMBER 11417



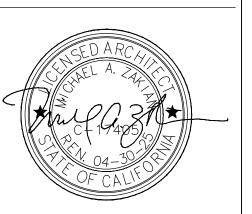


BARLOW RESPIRATORY HOSPITAL Los Angeles, CA 90026 (213) 202-6845 Zakian. Woo Architects 9018 Lindblade Street Culver City, CA 90232

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FACILITY ID No. 11417

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> BACKCHECK 1 OSHPD SUBMITTAL 08/03/24

Name & Location: BARLOW RESPIRATORY HOSPITAL 2000 STADIUM WAY

LOS ANGELES, CA 90026 MATERIAL TESTING & CONDITIONS ASSESSMENT PROGRAM (MTCAP)

> ADDITIONS (1902 Bldg) BLD - 00731

FOR DINING KITCHEN BUILDING AND

Project No: Issued For: MTCAP

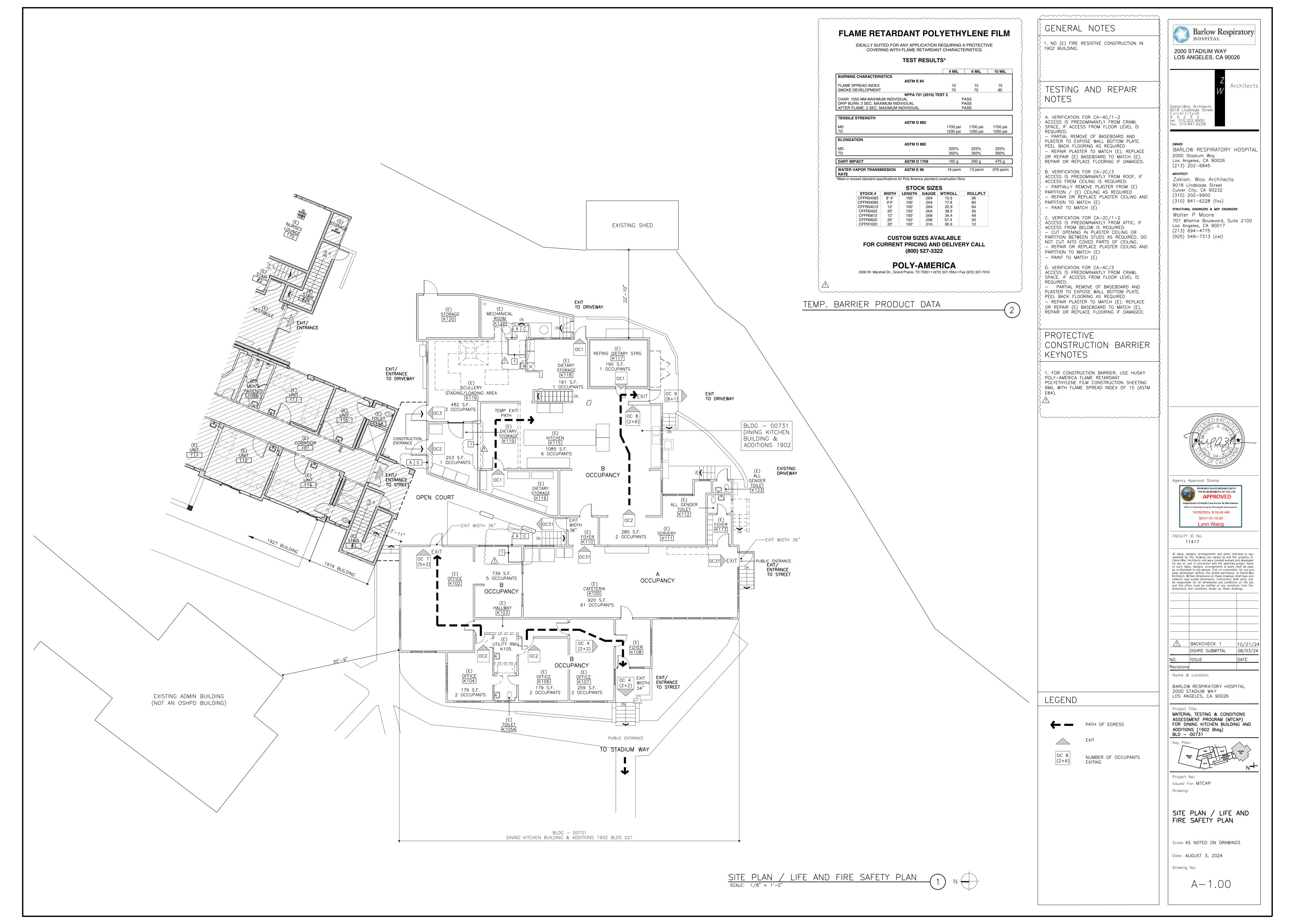
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Scale: AS NOTED ON DRAWINGS Date: AUGUST 3, 2024

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	GENERAL STRUCTURAL NOTES	
PART I - BUILDING CODES & REGULATIONS	PART IV - EXISTING CONDITIONS	Barlow Respiratory
2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) 2022 CALIFORNIA BUILDING CODE PART 2, TITLE 24, CCR	1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.	2000 STADIUM WAY LOS ANGELES, CA 90026
2022 CALIFORNIA ELECTRICAL CODE PART 3, TITLE 24, CCR	2. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION DOCUMENTS AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONSTRUCTION AS A CONSTRUCT	
BASED ON 2020 NATIONAL ELECTRICAL CODE (NEC) 2022 CALIFORNIA MECHANICAL CODE PART 4, TITLE 24, CCR	OF EXISTING CONSTRUCTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION. 3. DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT	Project :
BASED ON 2021 UNIFORM MECHANICAL CODE (UMC) 2022 CALIFORNIA PLUMBING CODE PART 5, TITLE 24, CCR	CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.	BARLOW
BASED ON 2021 UNIFORM PLUMBING CODE (UPC) 2022 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR	4. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE	RESPIRATORY
BASED ON 2021 INTERNATIONAL FIRE CODE (IFC)	CONTRACTOR AND HIS ENGINEER. 5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF	HOSPITAL MATERIAL TESTING AND CONDITION
	CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE. 6. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR	MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP) Client:
PART II - CONCRETE	MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT. 7. CONTRACTOR SHALL COMPLY WITH THE FACILITIES REQUIREMENTS FOR DUST AND INFECTION	
 ALL CEMENT SHALL CONFORM TO ASTM C-150, TYPE I OR II. FINE AND COARSE AGGREGATE SHALL CONFORM TO ASTM C-33. 	CONTROL AND PROVIDE BARRIERS AND NEGATIVE AIR PRESSURE AS NEEDED BUT NOT LIMITED TO FOR CONTROL FOR ALL WORK TO BE PERFORMED.	
3. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM 28 DAY STRENGTH: A. STONE CONCRETE U.N.O 4,000 PSI		
 CONCRETE DESIGN MIXES SHALL BE PREPARED BY THE APPROVED TESTING LAB PER ACI 318-19, SECTION 26.4.2 AND APPROVED BY THE STRUCTURAL ENGINEER. PLACING OF ALL CONCRETE SHALL BE INSPECTED BY THE JOB INSPECTOR. INSPECTOR TO 	PART V - CONTRACTOR SUBSTITUTIONS	Consultants /
VERIFY THAT REINFORCING STEEL IS SECURELY SUPPORTED IN PLACE DURING THE POUR. 6. NOTIFY THE STRUCTURAL ENGINEER 48 HOURS MINIMUM PRIOR TO ALL POURS.	1. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE	Walter P Moore and Associates, Inc. 633 West 5th St, Suite 7200 Los Angeles, CA 90071
 ALL CONCRETE SHALL BE VIBRATED IN PLACE DURING PLACING OF CONCRETE. NO STAKES, STEEL OR WOOD, SHALL BE PERMITTED IN ANY CONCRETE POUR. SUSPEND FORMS 	APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED: A. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST. B. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST.	
9. DRYPACK SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI.	THE ICC ESR THAT IS SUBMITTED MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT IS PERMITTED. ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED.	walter p moore 310.254.1900 S09-23014-00
 10. GROUT SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI. 11. NON SHRINK GROUT SHALL BE MASTER BUILDER MASTER FLOW 928, OR APPROVED EQUIVALENT. 	2. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.	
12. VOIDS DEEPER THAN 1" SHALL HAVE 3/8" AGGREGATE ADDED TO THE GROUT PER MANUFACTURES RECOMMENDATIONS.		
	PART VI - QUALITY CONTROL AND THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION	
	1. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR	
	OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.	
PART III - REINFORCING	2. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF WALTER P. MOORE AND ASSOCIATES IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN	
ALL REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60 UNLESS NOTED OTHERWISE ON THE DRAWINGS OR IN THESE NOTES.	FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO KEEP THE OWNER REASONABLY INFORMED ABOUT THE PROGRESS AND QUALITY OF THE	Kayalan i
2. PROVIDE REINFORCING STEEL CONFORMING TO ASTM A 706 GRADE 60 FOR ALL REINFORCING STEEL REQUIRED TO BE WELDED AND WHERE NOTED ON THE DRAWINGS. FIELD WELDING OR BENDING OF REINFORCING IS NOT PERMITTED EXCEPT AS NOTED ON THE DRAWINGS. A. FIELD WELDING TO BE DONE BY WELDERS CERTIFIED BY THE AWS/CWI FOR	PORTION OF THE STRUCTURE COMPLETED. 3. UNLESS NOTED OTHERWISE, MATERIALS SHALL CONFORM AND TESTS AND INSPECTIONS SHALL	Keyplan :
REINFORCING STEEL. CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED. B. SHOP WELDS MUST BE PERFORMED IN AN AISC-LICENSED FABRICATION SHOP. 3. NO KINKS ALLOWED IN THE REINFORCING BARS. SPLICES AND BENT OF BARS ARE IN	BE PERFORMED BY THE APPROVED TESTING AGENCY AND/OR THE JOB INSPECTOR WHO IS APPROVED BY HCAI, THE AOR AND THE SEOR.	
ACCORDANCE WITH THE DRAWINGS AND DETAILS AND C.R.S.I. PUBLICATIONS. 4. REINFORCING BARS SHALL BE CLEANED PRIOR TO CONCRETE POUR.		
5. ALL REINFORCING BAR COUPLERS SHALL BE BAR LOCK MBT SERIES L TYPE 2 COUPLER SYSTEM PER UES ER-319 OR APPROVED EQUIVALENT.		REVIEWED IN ACCORDANCE WITH THERE QUIREMENTS DE 124 COR SAPPROVED 9-00
	PART VII - HCAI REQUIREMENT	Department of Health Care Access & Information Office of Statewide Hospital Planning & Development Iss ues/Revision2024, 8:16:49 AM
	HCAI APPROVAL IS REQUIRED FOR ALL CHANGES TO THE CONSTRUCTION DOCUMENTS PRIOR TO FABRICATION OR CONSTRUCTION (MATERIAL CHANGE) CAC 7-153	S241175-19-00 Synn Wang, Status
		No. Date Descriptio
	PART VIII - SCOPE OF WORK	
	WORK SHALL SATISFY THE HCAI APPROVED MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP) FOR DINING/KITCHEN & ADDITION (1902) - BLDG-02.1 (BLD-00731) UNDER HCAI PROJECT # SER-2023-00253.	
	WORK SHALL INCLUDE: 1. VERIFICATION OF EXISTING CONDITIONS OR CONDITION ASSESSMENT TO SATISFY MTCAP.	
	2. REPAIR THE AREAS ALTERED FOR EXTRACTING SAMPLES OR CONDITION ASSESSMENT BACK TO ORIGINAL STATE AS INDICATED ON THESE DOCUMENTS AND MTCAP.	
	3. PROVIDE MEANS AND METHOD DURING CONDITION ASSESSMENTS TO SATISFY THESE DOCUMENTS AND MTCAP.	Project Drawn Project Number Author Approved Checked By :
		Approver Checker Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
		THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES. Seal and Signature / / / / / / / / / / / / / / / / / / /
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		STRUCTURAL TOPPING
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		Drawing Title:
		GENERAL NOTES
		Filename : Sheet No. :
		S0.1

CONDITION ASSESSMENT SUMMARY							
TEST	INVESTIGATION TYPE	INVESTIGATION LOCATION	OBSERVATION AND VERIFICATION	QUANTITY	DETAIL REFERENCE		
CA-1¢	CONDITION OF WOOD DIAPHRAGM	ROOF (PLYWOOD AND RAFTER)	CONDITION, SIZE/ THICKNESS AND MARKINGS OF PLYWOOD AND RAFTER, PLYWOOD/ SHEATHING NAILING AND NAILING PATTERN	6 (3@ GABLE ROOF; 3@ FLAT ROOF)	1/S.5		
CA-2c	CONDITION OF WOOD DIAPHRAGM TO WOOD SHEAR WALLS CONNECTIONS	CONNECTION OF DIAPHRAGM TO WALL	EXPOSED RIM BLOCKING/JOIST TO WALL TOP PLATE CONNECTION OR LEDGER CONNECTION	3 (VERIFY DETAIL AND FASTENERS)	3/S.5 4/S.5		
CA-3c	CONDITION OF WOOD DIAPHRAGM	FLOOR (SHEATHING AND JOIST)	CONDITION, SIZE/THICKNESS OF DIAGONAL LUMBER SHEATHING AND FLOOR JOIST, NAILING AND NAILING PATTERN	3 (MINIMUM OF 1 AT BOUNDARY NAILING AND 1 AT FIELD NAILING)	2/\$.5		
CA-4¢	CONDITION OF WOOD DIAPHRAGM TO WOOD SHEAR WALLS CONNECTIONS	CONNECTION OF DIAPHRAGM TO PLYWOOD WALL	EXPOSED WALL BOTTOM PLATE TO SHEATHING TO RIM BLOCKING/JOIST BELOW CONNECTION	3 (VERIFY DETAIL AND FASTENERS)	5/S.5 6/S.5		
CA-5c	CONDITION ASSESSMENT OF SEISMIC SEPARATION	SUBSIDING BUILDING CONNECTIONS	AS-BUILT CONDITION OF THE CONNECTION BETWEEN TWO BUILDINGS (1902 AND 1927 BUILDINGS)	2	-		

NOTES:

1. LETTER "c" AFTER THE TEST NUMBER SIGNIFIES AN INVESTIGATION LOCATION FOR THE CONDITION ASSESSMENT PROGRAM, FOR EXAMPLE "1c"



2000 STADIUM WAY LOS ANGELES, CA 90026

BARLOW RESPIRATORY HOSPITAL

MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP)



310.254.1900 S09-23014-00

HCAI # \$241175-19-00





S241175-19-00 Project Status

No. | Date | Descriptio

Project Project Number Approved Approver

Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES.

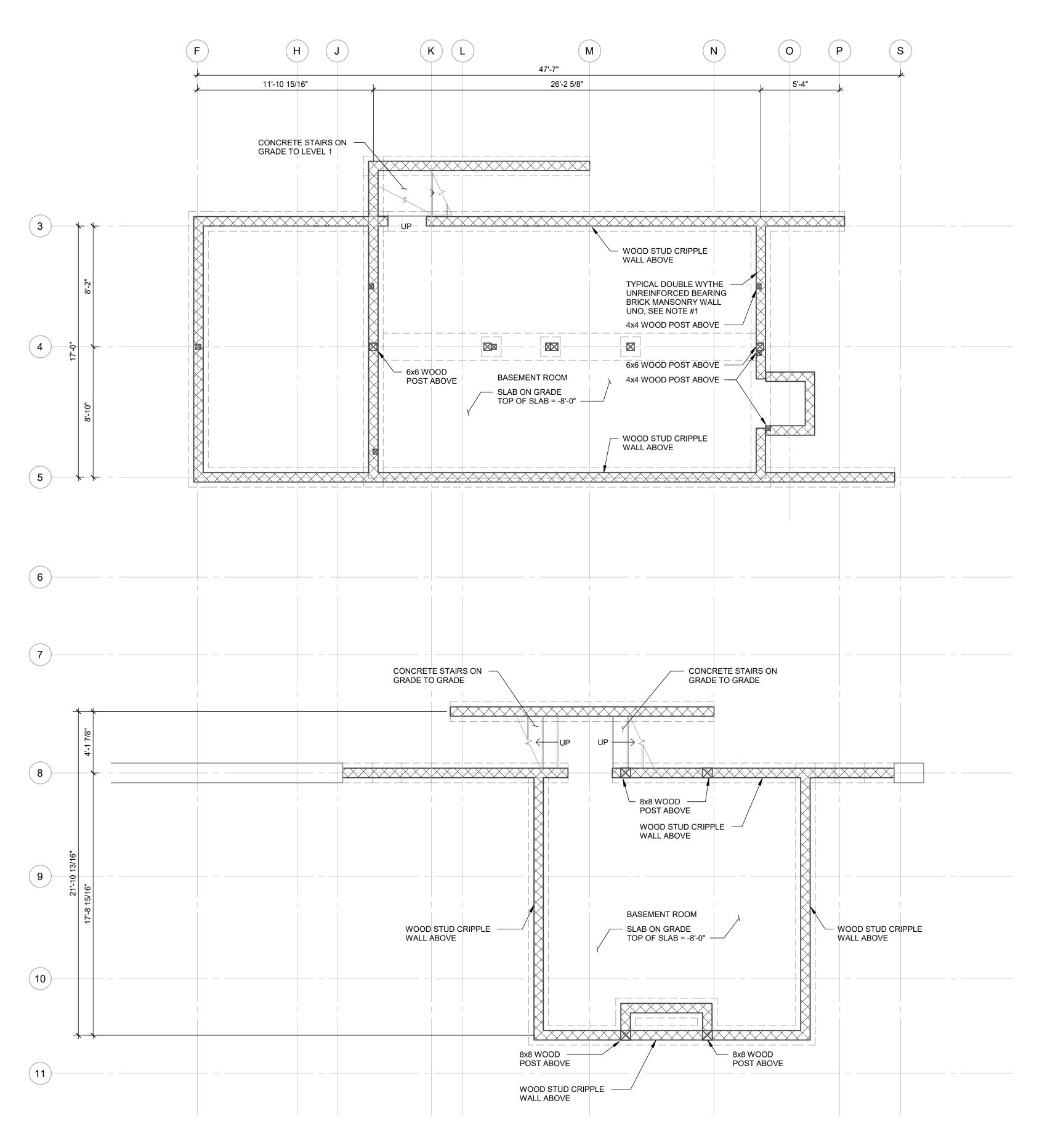
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ASSESSMENT
Filename: SUMMARY
Sheet No.:



KITCHEN BUILDING BASEMENT



2000 STADIUM WAY LOS ANGELES, CA 90026

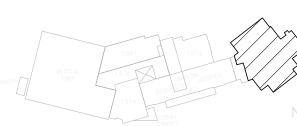
BARLOW RESPIRATORY HOSPITAL

MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP)



310.254.1900 S09-23014-00

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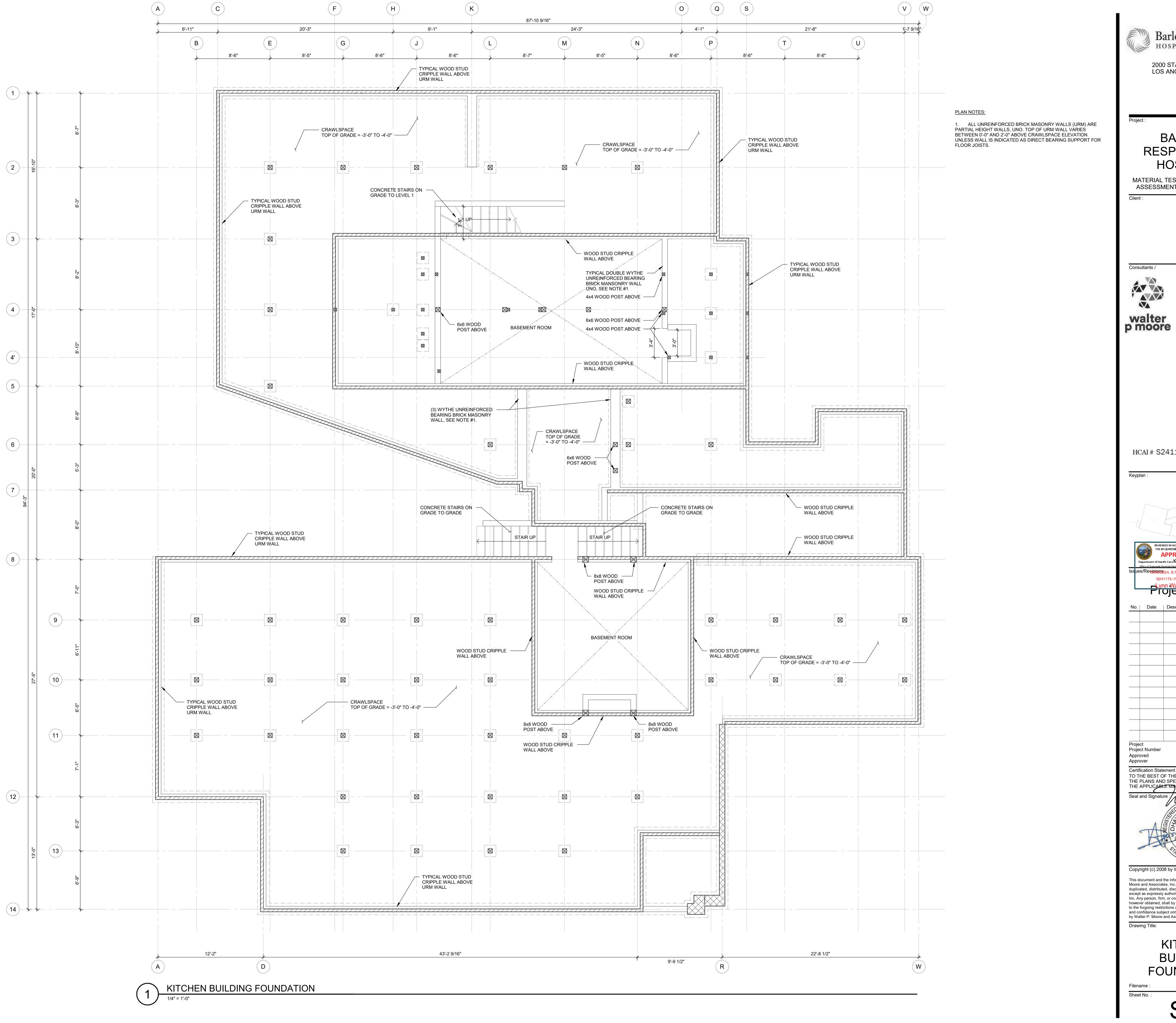
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KITCHEN



Barlow Respiratory

2000 STADIUM WAY LOS ANGELES, CA 90026

BARLOW RESPIRATORY HOSPITAL

MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP)

> Walter P Moore and Associates, Inc. 633 West 5th St, Suite 7200 Los Angeles, CA 90071

> > 310.254.1900 S09-23014-00

HCAI # S241175-19-00



REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR Department of Health Care Access & Information ssues/Revisions_{024, 8:16:49} AM

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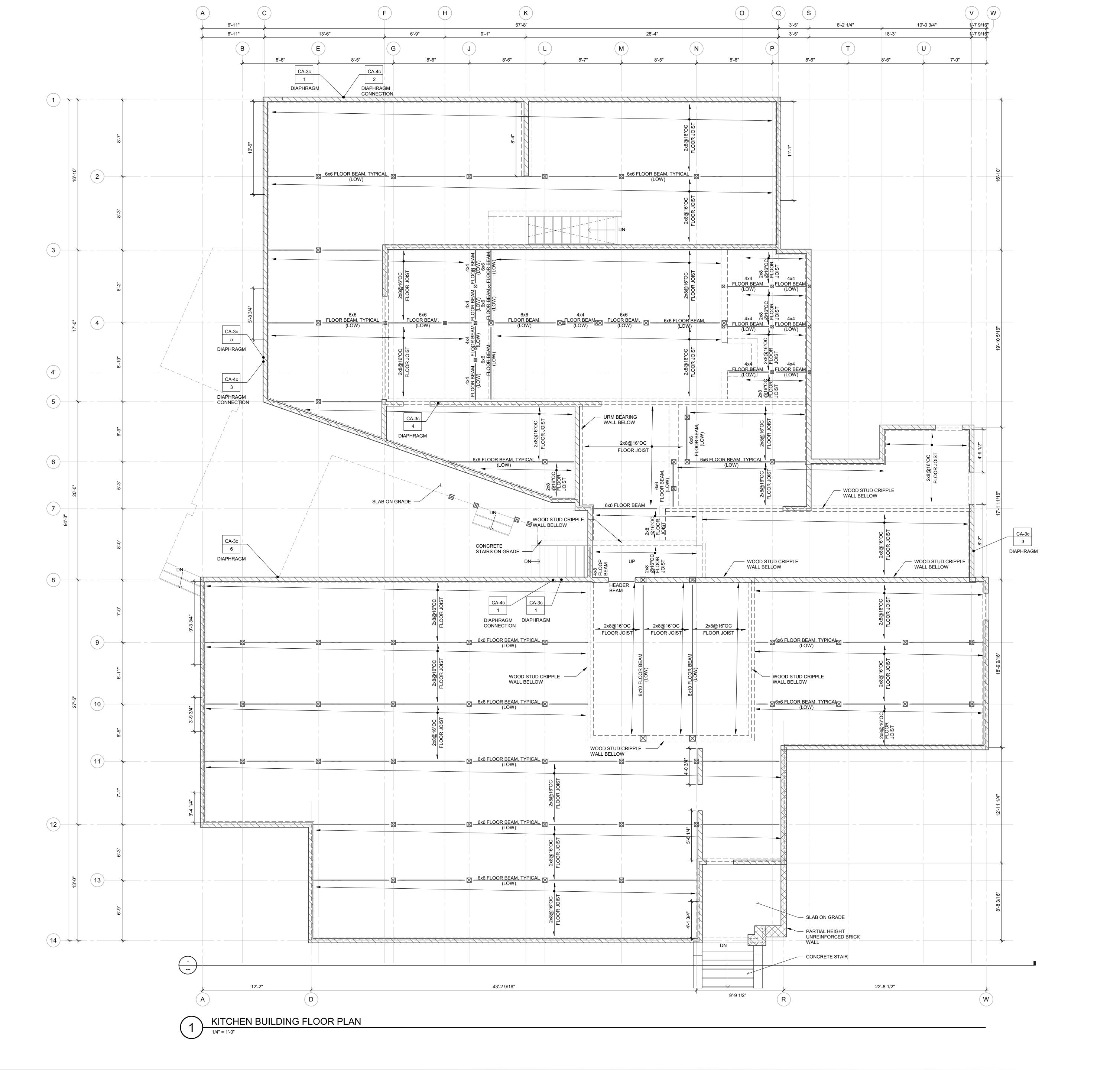
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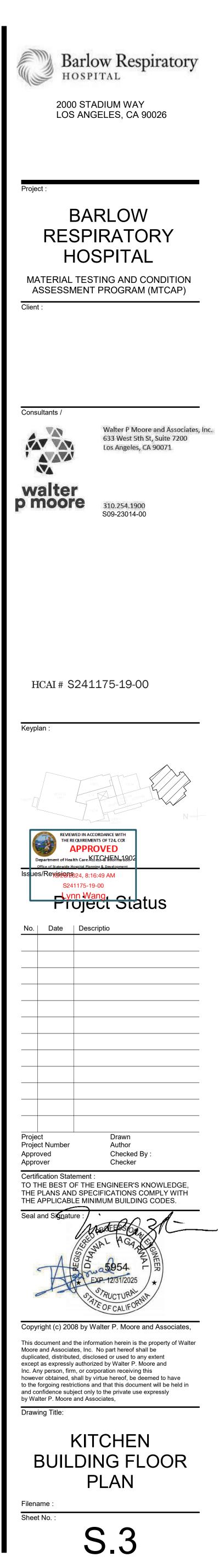
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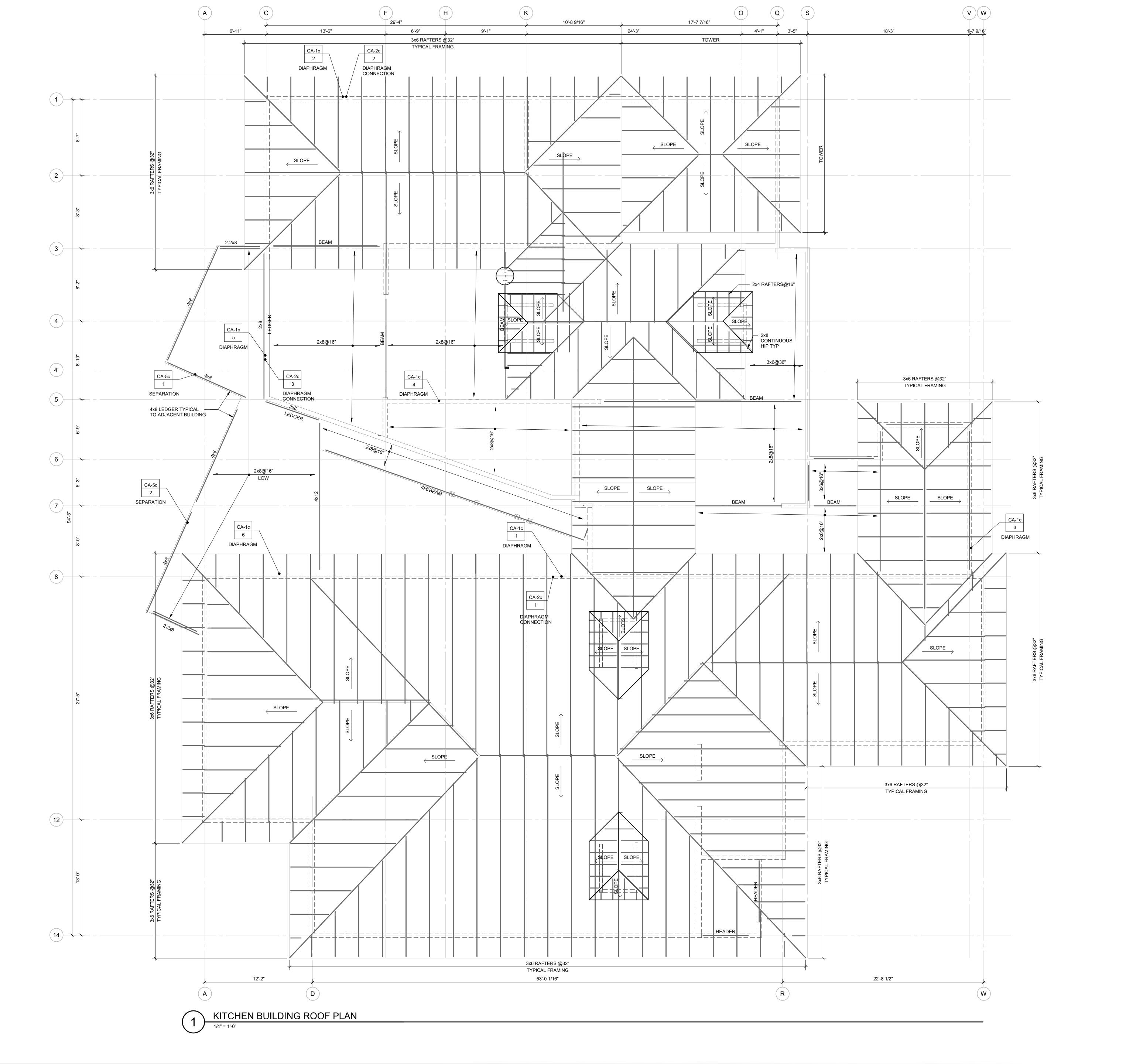
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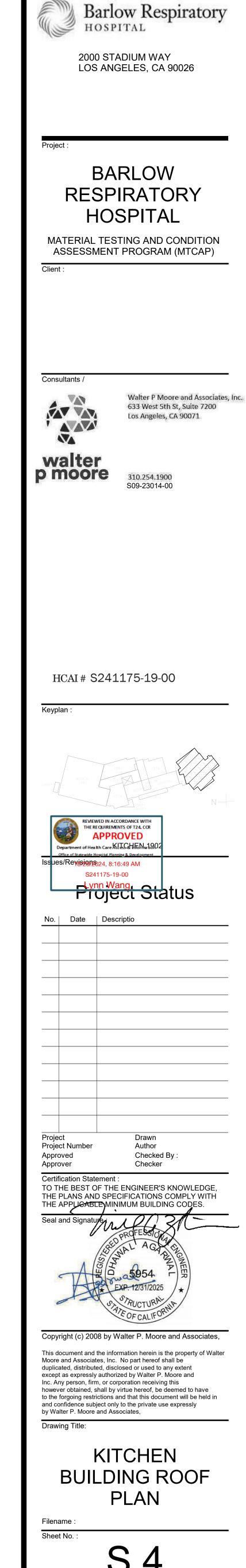
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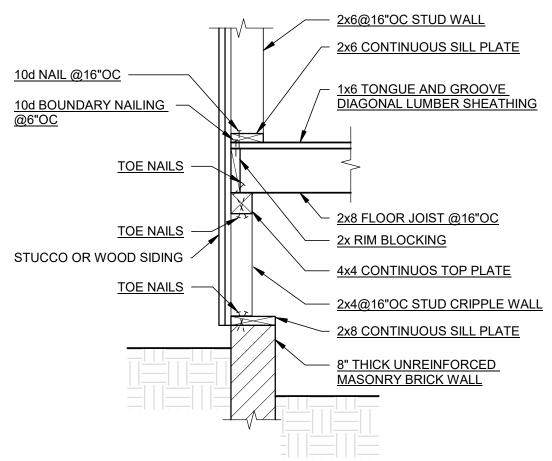
> KITCHEN FOUNDATION

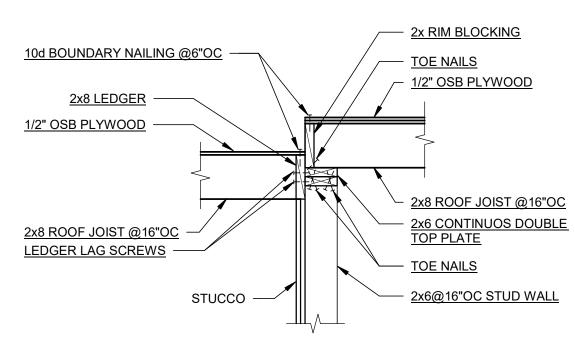


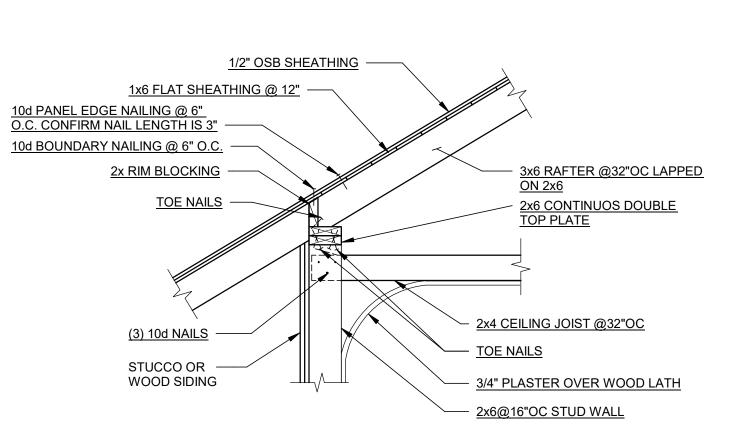


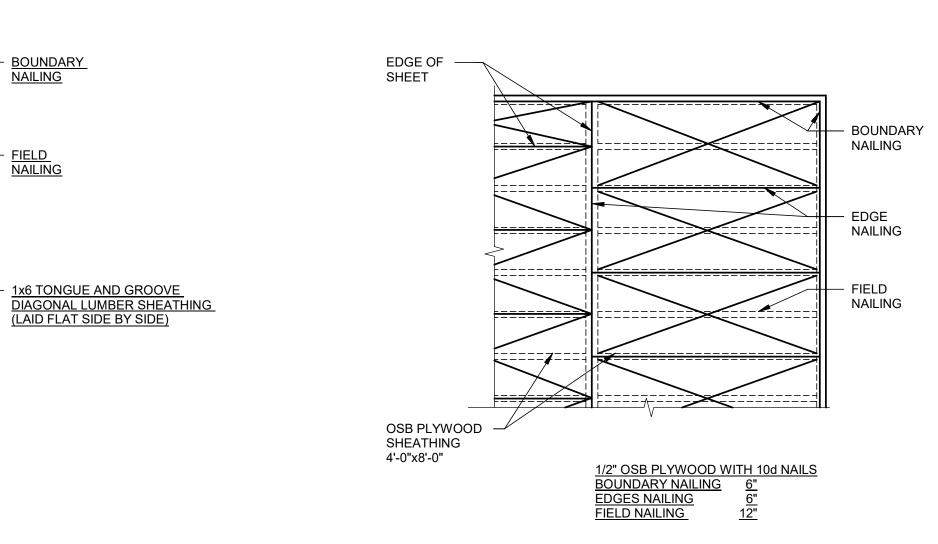












NOTES:

1. VERIFY ALL THE <u>UNDERLINED</u> INFORMATION.

2. REMOVE EXISTING FLOORING TO EXPOSE DIAGONAL LUMBER SHEATHING AND REPLACE TO MATCH WITH EXISTING WHEN THE WORK IS COMPLETED.

VERIFICATION FOR CA-4c/1-2

NOTES:

1. VERIFY ALL THE <u>UNDERLINED</u> INFORMATION.

2. REMOVE EXISTING ROOFING TO EXPOSE OSB PLYWOOD AND REPLACE TO MATCH WITH EXISTING WHEN THE WORK IS COMPLETED.

NOTES:

1. VERIFY ALL THE <u>UNDERLINED</u> INFORMATION.

2. REMOVE EXISTING FLOORING TO EXPOSE DIAGONAL LUMBER NOTES:

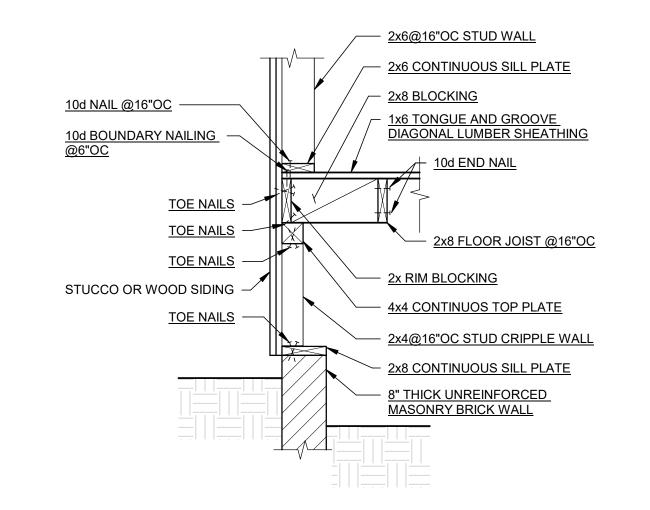
1. VERIFY ALL THE <u>UNDERLINED</u> INFORMATION.

2. REMOVE EXISTING ROOFING TO EXPOSED OSB PLYWOOD AND SHEATHING AND REPLACE TO MATCH WITH EXISTING WHEN THE WORK IS COMPLETED. REPLACE TO MATCH WITH EXISTING WHEN THE WORK IS COMPLETED.

VERIFICATION FOR CA-2c/1 & CA-2c/2

VERIFICATION FOR CA-3c/1-3

VERIFICATION FOR CA-1c/1-3



NOTES:

1. VERIFY ALL THE <u>UNDERLINED</u> INFORMATION.

2. REMOVE EXISTING FLOORING TO EXPOSE DIAGONAL LUMBER SHEATHING AND REPLACE TO MATCH WITH EXISTING WHEN THE WORK IS COMPLETED.

VERIFICATION FOR CA-4c/3



BARLOW RESPIRATORY HOSPITAL

MATERIAL TESTING AND CONDITION ASSESSMENT PROGRAM (MTCAP)

Consultants /

Walter P Moore and Associates, Inc. 633 West 5th St, Suite 7200 Los Angeles, CA 90071 walter p moore

310.254.1900 S09-23014-00

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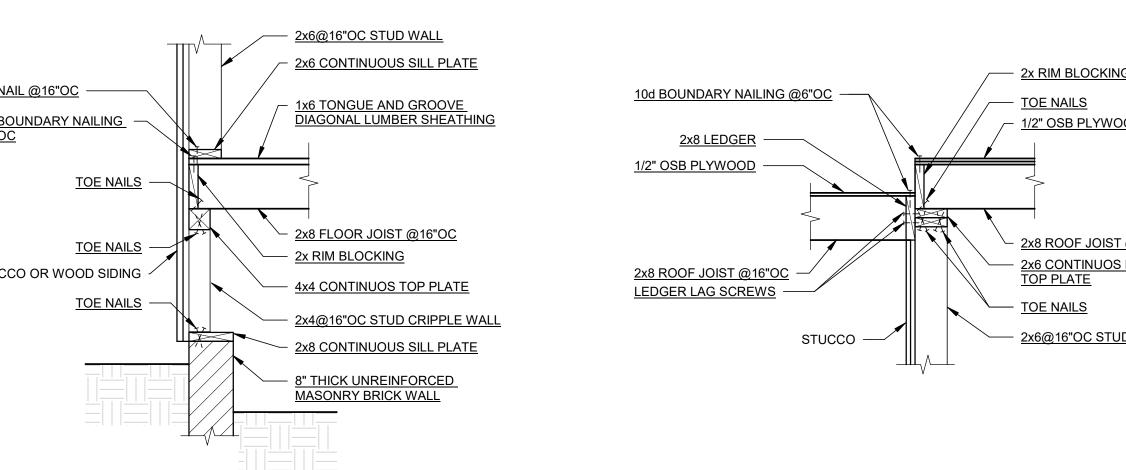
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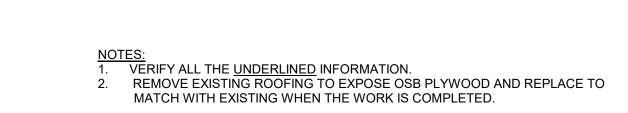
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> CONDITION **ASSESSMENT**

Drawing Title:









BOUNDARY NAILING

FIELD NAILING