

# McKently Malak

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A PROJECT FOR:

## RED HOT ENTERPRISES

729 MONTANA AVE, SUITE 7 SANTA MONICA, CA 90403 Tel. 310.451.1228



JKL ASSOCIATES

106 WEST LIME AVENUE SUITE 2
MONROVA, CALIFORNIA 91016
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KEYPLAN •

# RETAIL CENTER

15322 VENTURA BLVD SHERMAN OAKS, CA

 No.
 DATE
 DESCRIPTION

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JOB NUMBER:

ISSUES / REVISIONS

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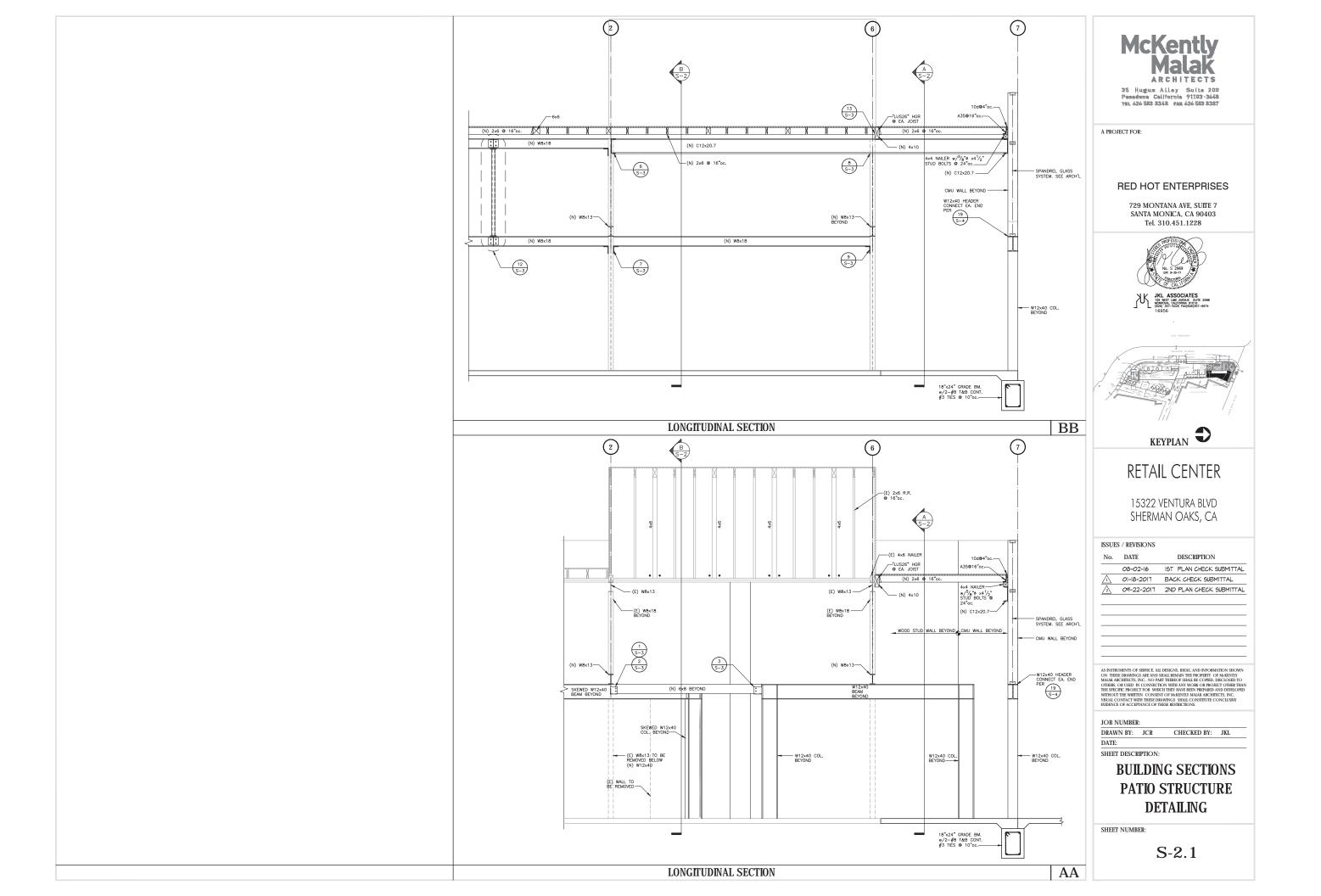
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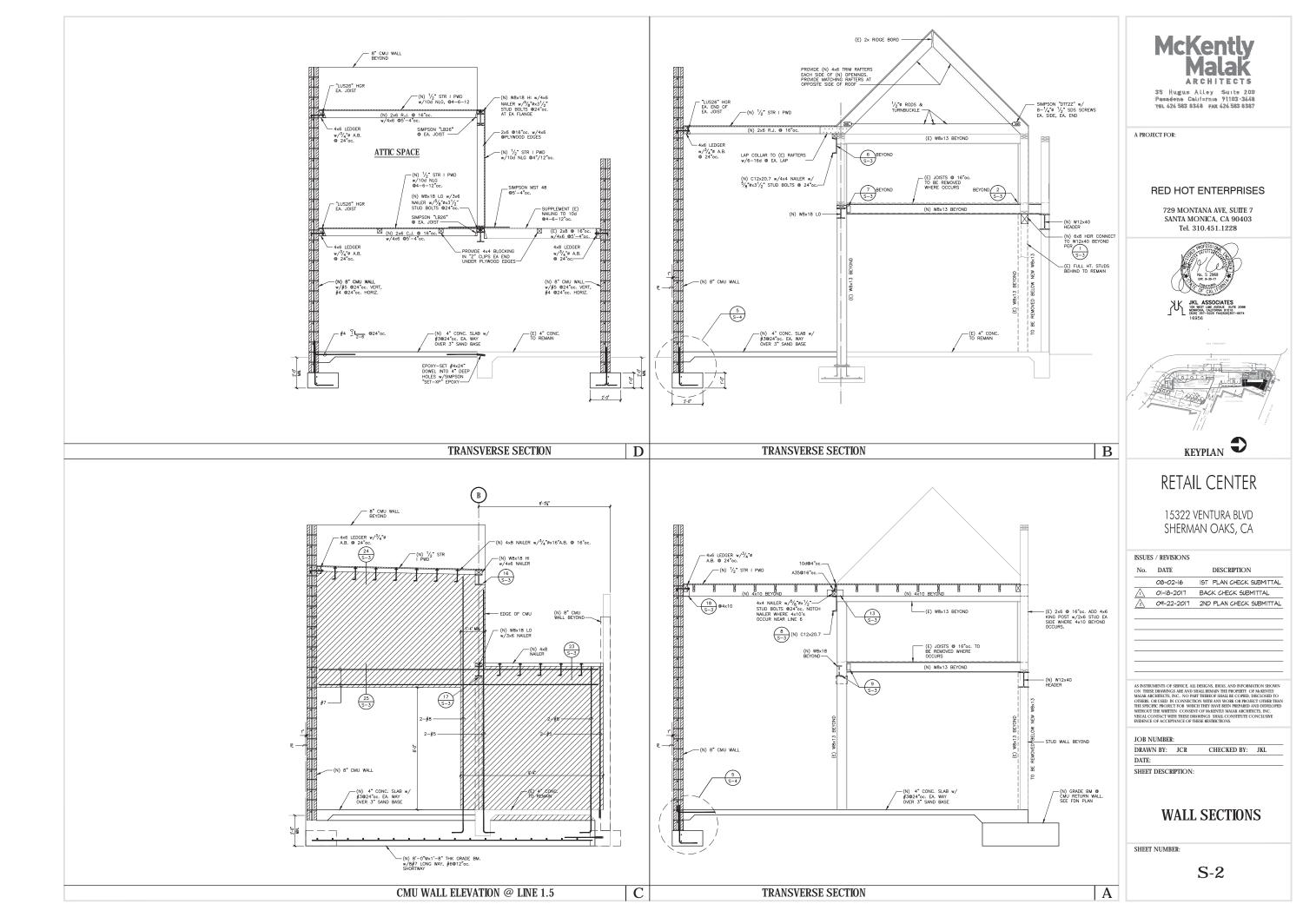
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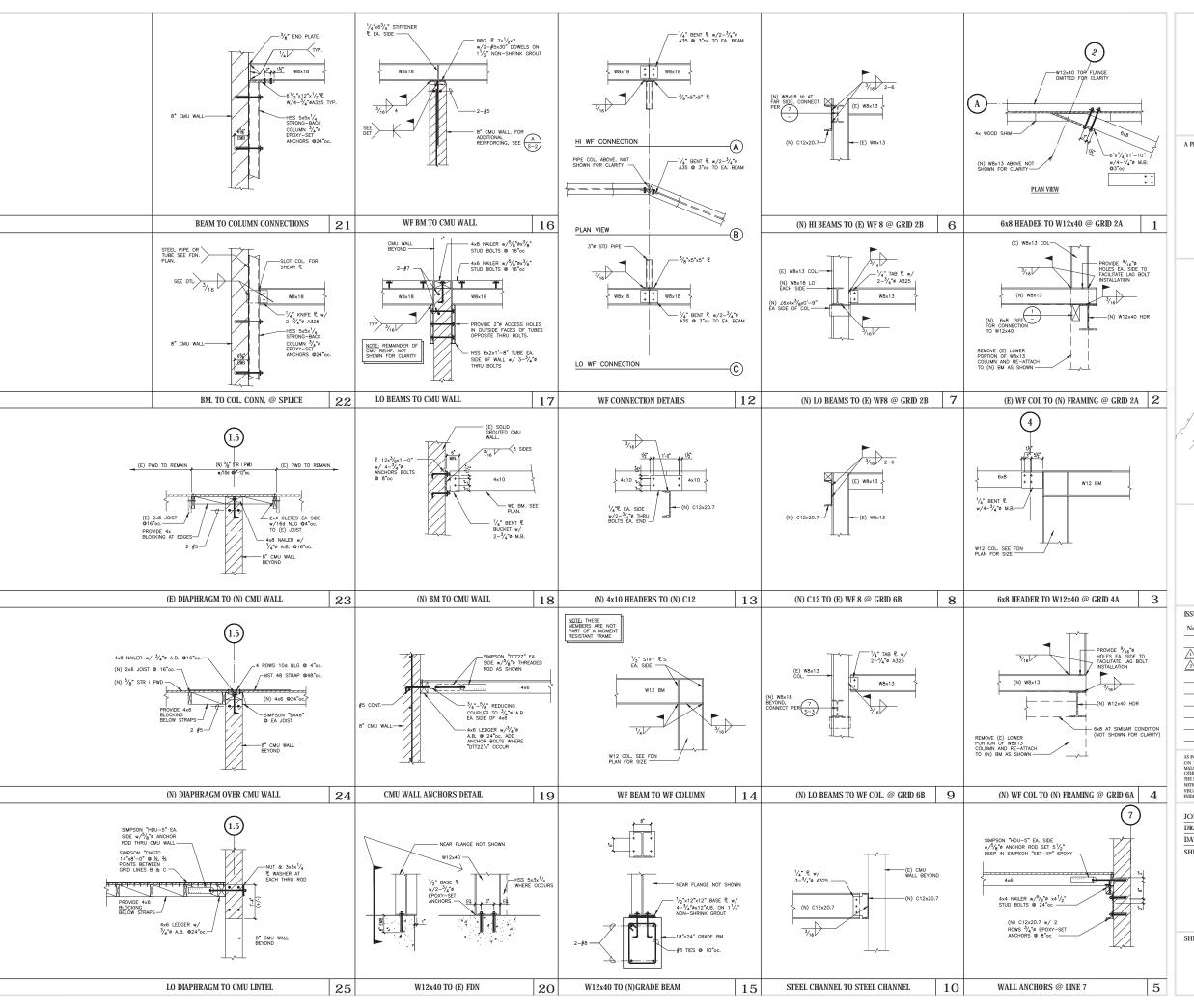
& FRAMING PLANS

SHEET NUMBER:

S-1







# McKently Malak

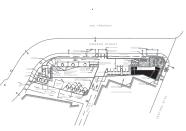
75 Hugus Alley Suite 200 Pasadena California 71107-7664 YEL 626567 4364 FAN 626567 4367

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15322 VENTURA BLVD SHERMAN OAKS, CA

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	08-02-16	IST PLAN CHECK SUBMIT
Δ	01-18-2017	BACK CHECK SUBMITTAL
2	09-22-2017	2ND PLAN CHECK SUBMIT

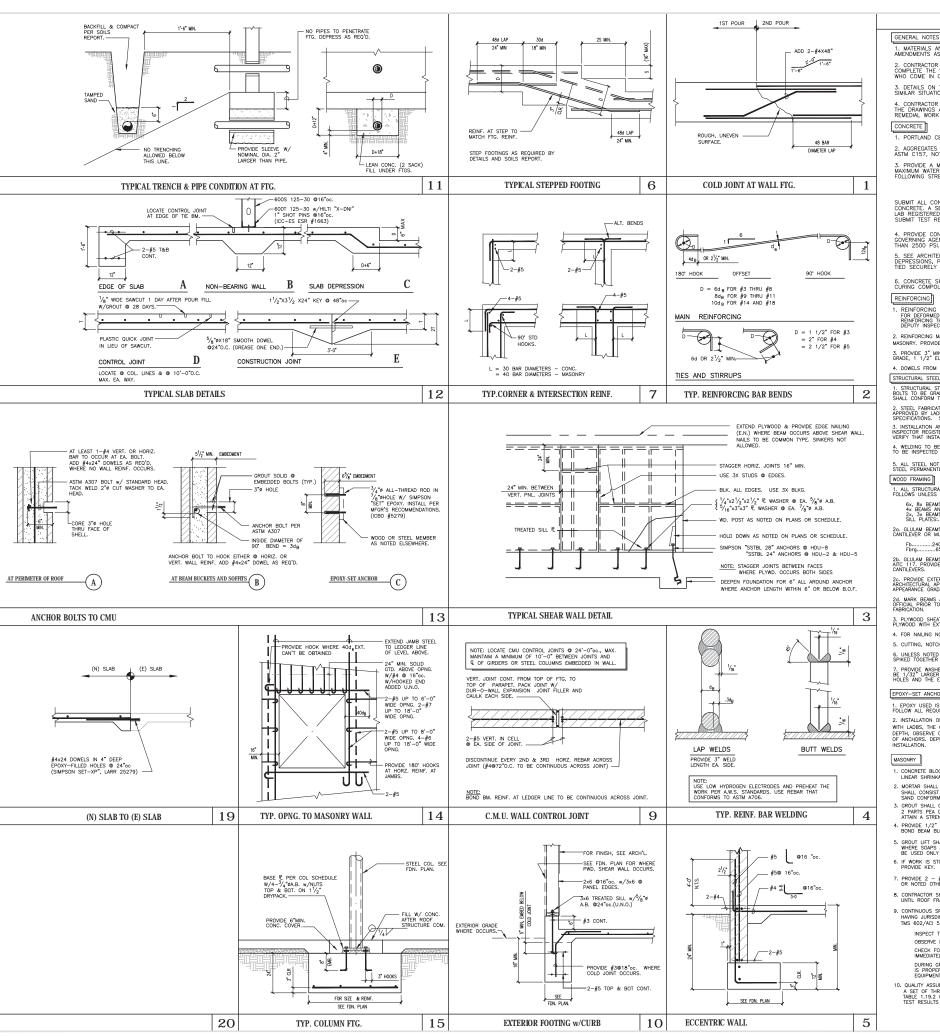
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**ROOF FRAMING DETAILS** 

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### **GENERAL NOTES**

1. MATERIALS AND WORKMANSHIP TO CONFORM TO THE 2016 EDITION OF THE CBC WITH AMENDMENTS AS ADOPTED BY THE CITY OF LOS ANGELES.

CONTRACTOR TO PROVIDE ALL MATERIALS, EQUIPMENT, SHORING, BRACING, ETC., NEEDED TO COMPLETE THE WORK SAFELY AND SHALL BE FULLY RESPONSIBLE FOR THE SAFETY OF ALL PERSONS WHO COME IN CONTACT WITH THE WORK.

3. DETAILS ON THE DRAWINGS ARE MEANT TO SHOW TYPICAL CONDITIONS AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS NOTED OTHERWISE.

4. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOBSITE. CONFLICTS BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION SO THAT REMEDIAL MORN CAN BE PROVIDED.

1. PORTLAND CEMENT SHALL CONFORM TO ASTM C150. TYPE V. TURN IN MIX TICKET TO CITY INSPECTOR 2. AGGREGATES SHALL CONFORM TO ASTM C33 WITH SHRINKAGE CHARACTERISTICS CONFORMING TO ASTM C157, NOT MORE THAN 0.04% @ 28 DAYS.

3. PROVIDE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.
MAXIMUM WATER: CEMENT RATIO FOR INTERIOR SLABS SHALL BE 0.52". CONCRETE SHALL ATTAIN THE
FOLLOWING STEPSICTES AT 28 DAYS.

## 

SUBMIT ALL CONCRETE DESIGN MIXES TO THE ARCHITECT FOR REVIEW PRIOR TO PLACING CONCRETE. A SET OF 3 CYLINDERS SHALL BE CAST AND TESTED BY A CERTIFIED TESTING LAB REGISTERED WITH GOVERNING AGENCY HAVING JURISDICTION FOR EACH BATCH. SUBMIT TEST RESULTS TO THE ARCHITECT FOLLOWING THE 7 DAY AND 28 DAY BREAKS.

4. PROVIDE CONTINUOUS SPECIAL INSPECTION BY A DEPUTY INSPECTOR REGISTERED WITH LADBS, THE GOVERNING AGENCY HAVING JURISDICTION, FOR ALL CONCRETE WITH A DESIGN STRENGTH HIGHER THAN 2500 PSI.

5. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR FLOOR DEPRESSIONS, PITS, AND ITEMS TO BE CAST INTO THE CONCRETE. IMBEDDED ITEMS ARE TO BE TIED SECURELY PRIOR TO POURING CONCRETE.

6. CONCRETE SHALL BE MAINTAINED IN MOIST STATE FOR 10 DAYS AFTER POURING OR AN APPROVED CURING COMPOUND SHALL BE USED.

REINFORCING SHALL BE A615 GRADE 40 KSI STEEL FOR DEFORMED BARS #4 AND SMALLER, 60 KSI FOR DEFORMED BARS #5 AND LARGER MESH REINFORCING SHALL CONFORM TO ASTM A-185, REINFORCING THAT IS TO BE WELDED SHALL CONFORM TO ASTM A706 AND SHALL BE INSPECTED BY A DEPUTY INSPECTOR REGISTERED WITH THE GOVERNING AGENCY HAVING JURISDICTION.

2. REINFORCING MAY BE SPLICED BY LAPPING BARS 48 DIAMETERS IN CONCRETE, 40 DIAMETERS I MASONRY, PROVIDE A 24" MIN LAP AT ALL SPLICES, CORNERS, AND INTERSECTIONS. 3. PROVIDE 3" MINIMUM CONCRETE COVER FOR REINFORCING AT CONCRETE CAST AGAINST OR BELOW GRADE, 1 1/2" ELSEWHERE.

4. DOWELS FROM FOOTINGS SHALL MATCH WALL REINFORCING SIZE & SPACING.

## STRUCTURAL STEEL

1. STRUCTURAL STEEL TO BE ASTM GRADE A572-50. ANCHOR BOLTS TO BE GRADE A307. MACHINE BOLTS TO BE GRADE A325. STEEL TUBES SHALL CONFORM TO ASTM A-500 GRADE B. STEEL PIPES SHALL CONFORM TO ASTM A-53 GRADE A-53 GRADE B.

3. INSTALLATION AND TORQUING OF HIGH STRENGTH BOLTS SHALL BE INSPECTED BY A DEPUTY INSPECTOR REGISTERED WITH LABBS, THE GOVERNING AGENCY HAVING JURISDICTION. DEPUTY SHALL VERIEY THAT INSTALLATION. COMPLIES WITH ALSC REFUNIERWENTS.

4. WELDING TO BE PERFORMED PER AWS SPECIFICATIONS USING 70 KSI ELECTRODES. ALL WELDING TO BE INSPECTED BY A DEPUTY REGISTERED WITH LADBS, THE GOVERNING AGENCY HAVING JURISDICTION

5. ALL STEEL NOT EMBEDDED IN CONCRETE OR MASONRY IS TO RECEIVE SHOP COAT OF PRIMER. ALL

1. ALL STRUCTURAL FRAMING SHALL BE GRADE-MARKED DOC PS20 DOUGLAS FIR (MOISTURE 19% MAX) AS FOLLOWS UNLESS NOTED OTHERWISE:

2a. GLULAM BEAMS TO BE COMBINATION 24F-V4 FOR SIMPLE SPAN BEAMS AND 24F-V8 FOR CANTILEVER OR MULTIPLE SPAN BEAMS WITH THE FOLLOWING PROPERTIES:

Fb.......2400 psi Fv........165 psi Fbrg.......650 psi F.......1800.000 psi MOISTURE......14% max 2b. GLULAM BEAMS TO BE CONSTRUCTED OF DOUGLAS FIR AND FABRICATED IN CONFORMANCE WITH ATC 117. PROVIDE TENSION LAMINATIONS TOP AND BOTTOM FOR FULL LENGTH OF BEAMS WITH CANTILLEVERS.

2c. PROVIDE EXTERIOR GLUE AND PRESSURE TREAT GLULAM BEAMS EXPOSED TO WEATHER. PROVIDE ARCHITECTURAL APPEARANCE GRADE FOR EXPOSED BEAMS, INDIVIDUALLY WRAP ARCHITECTURAL APPEARANCE GRADE BEAMS.

2d. MARK BEAMS AND PROVIDE ATC OR AWS CERTIFICATES OF COMPLIANCE TO THE BUILDING OFFICIAL PRIOR TO INSTALLATION. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO EARPHOLATION.

3. PLYWOOD SHEATHING AT ROOF, FLOORS, AND SHEAR WALLS SHALL BE INTERIOR GRADE PLYWOOD WITH EXTERIOR GLUE, STRUCTURAL I, CONFORMING TO DOC PS 1-07.

4. FOR NAILING NOT CALLED OUT ON PLANS, SEE TABLE 2304.9.1 OF THE CBC. 5. CUTTING, NOTCHING, & BORING OF WOOD SHALL CONFORM TO CBC ROMNTS.

6. UNLESS NOTED OTHERWISE, DOUBLE TOP PLATES SHALL BE LAPPED A MINIMUM OF 4'-0" AND SPIKED TOGETHER WITH 12 - 16d NAILS.

7. PROVIDE WASHERS WHEREVER BOLT HEADS OR NUTS BEAR ON WOOD. HOLES FOR BOLTS SHAL BE 1/32" LARGER THAN THE NOMINAL BOLT DIAMETER. MAINTAIN 7. BOLT DIAMETERS BETWEEN HOLES AND THE ENDS OF WOOD MEMBERS AND 4. DIAMETERS AT THE EDGES OF WOOD MEMBERS.

1. EPOXY USED IS TO BE SIMPSON STRONG-TIE "SET-XP" EPOXY-TIE ADHESIVE, ICC-ES ESR #2508. FOLLOW ALL REQUIREMENTS OF THE REPORT AND MANUFACTRER'S RECOMMENDATIONS.

2. INSTALLATION OF EPOXY-SET ANCHORS TO BE INSPECTED BY A DEPUTY INSPECTOR REGISTERED WITH LADBS. THE COVERNING AGENCY HAVING AND BRUSHING OF HOLES, AND OBSERVE INSTALLATION

PER MICH DESERVE CLEANING BY BLOWING AND BRUSHING OF HOLES, AND OBSERVE INSTALLATION

OF ANCHORS. DEPTHY TO SUBMIT REPORT TO THE OWNER UPON COMPLETION OF ANCHORS.

. CONCRETE BLOCKS SHALL CONFORM TO ASTM C-90, GRADE 'N' MEDIUM WEIGHT UNITS WITH MAXIMUM LINEAR SHRINKAGE OF 0.06. F'M= 1500 PSI.

EMBERY STRUMENES OF VOICE FM = 1500 F3.1

2. MORTER SHALL BE TYPE S FOR WALLS ABOVE GRADE AND TYPE M FOR RETAINING WALLS. MORTAR SHALL CONSIST OF 1 PART PORTLAND CEMENT, 1/4 PART LIME PUTTY, AND 3 PARTS MAX OF DAMP LOOSE SAND CONFORMING TO ASTM. C-144. X. Fm = 1500 F91.

3. GROUT SHALL CONSIST OF 1 PART PORTLAND CEMENT, 3 PARTS SAND, AND 1/10 MAX PART LIME. ADD 2 PARTS PEA GRAVEL FOR GROUT SPACES EXCEEDING 4" IN BOTH HORIZONTAL DIRECTIONS. GROUT SHALL ATMIN A STRENCHT OF ZOOD PSI 0 28 DAYS.

4. PROVIDE 1/2" MIN CLEARANCE BETWEEN REINFORCING AND BLOCK. GROUT ALL CELLS SOLID. PROVIDE BOND BEAM BLOCKS FOR ALL HORIZONTAL REINFORCING. CONSTRUCTION SHALL COMPLY WITH CBC 2104

. GROUT LIFT SHALL BE LIMITED TO 4'-0" WITHOUT INSPECTION BLOCK-OUTS. LIMIT GROUT LIFT TO 16" WHERE SOAPS AND CROSS TIES ARE USED, BRACE AS REQUIRED TO PREVENT BLOWOUTS. SOAPS ARE TO BE USED ONLY WHERE SPECIFICALLY DETAILED ON THE DRAWINGS.

6. IF WORK IS STOPPED FOR 1 HOUR OR LONGER, STOP GROUT 1-1/2" BELOW TOP OF BLOCK TO

7. PROVIDE 2 - #5 @ ALL CORNERS, JAMBS, INTERSECTIONS, ENDS, AND TOPS OF WALLS UNLESS SHOWN OR NOTED OTHERWISE.

8. CONTRACTOR SHALL BRACE ALL WALLS AS REQUIRED FOR STABILITY AGAINST WIND AND OTHER LOADS UNTIL ROOF FRAMING AND BRACING IS INSTALLED AND NAILING OF ROOF DIAPHRAGM IS COMPLETE.

CONTINUOUS SPECIAL INSPECTION BY A DEPUTY INSPECTOR REGISTERED WITH LADBS, THE GOVERNING AGENCY HAVING JURISDICTION, SHALL BE PROVIDED IN ACCORDANCE WITH TMS 402/ACI530/ASCE 5/ AND, TMS 602/ACI 330-/ASCE 6

INSPECT TOPS OF FOOTINGS FOR PROPER ELEVATIONS AND DOWEL LOCATION OBSERVE PLACEMENT OF INDIVIDUAL UNITS FOR EACH GROUT LIFT. CHECK FOR PROPER REBAR PLACEMENT AND INSPECT GROUT SPACES AND CLOSURE OF CLEANOUTS IMMEDIATELY PRIOR TO GROUTING.

DURING GROUTING OFFRATIONS. DEPUTY INSPECTOR TO VERIFY THAT ALL GROUT IS PROPERLY CONSOLDATED USING MECHANICAL VIBRATION. CONTRACTOR TO HAVE BACKUP VIBRATION EQUIPMENT ON HAND IN CASE OF EQUIPMENT BREAKDOWN.

10. QUALITY ASSURANCE MEASURES SHALL COMPLY WITH CBC SECTION 2105. F<sup>M</sup>m 1500 PSI.
A SET OF THREE PRISMS SHALL BE BUILT AND TISTED DURING CONSTRUCTION IN ACCORDANCE WITH TABLE 1.19.2 OF ACI 530—11 FOR LEVEL B. QUALITY ASSURANCE. FOR EACH 5000 sq ft OF WALL. SUBMIT TEST RESULTS TO THE BUILDING OFFICIAL AND THE ARCHITECTS.

# ARCHITECTS

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MALAK ARCHITECTS, NO. NO PART HEREOF SHALL BE COPED, DISCLOSED TOTHERS, OR USED BY CONNECTION WITH ANY WORK OF PROJECT OTHER HAN
HIS SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PEPARED AND DEVICED.
WITHOUT THE WRITTEN CONSENT OF MERVITY MALAK ARCHITECTS, INC. TSUAL CONTACT WITH THESE DRAWINGS SHALL CONSTITUTE CONCLUSIVE WIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS

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**GENERAL NOTES** TYPICAL DETAILS

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S-4

