

GARAGE AND FOUNDATION PLAN
SCALE: 1/8"=1'-0"

WALL MATL.	THICKNESS	REBAR	COMMENTS
1	CONC.	8" THICK	#5@12"C.C. V&H
2	CONC.	10" THICK	#5@12"C.C. V&H
3	CONC.	12" THICK	#5@12"C.C. V&H, 2C
4	CONC.	14" THICK	#5@12"C.C. V&H, 2C
5	CMU	8" THICK	#5@16"C.C. V&H
6	CMU	10" THICK	#5@16"C.C. V&H
7	CMU	12" THICK	#5@16"C.C. V&H, 2C
8	NON-BEARING, NON-SHEAR METAL STUDWALL, SEE S12		
9	CONC.	12" THICK	#5@6"C.C. VERT. @ 6"C.C. HORIZ. @ 12"C.C., 2C
10	CONC.	18" THICK	#5@12"C.C. V&H, 2C
11	CONC.	24" THICK	#5@12"C.C. V&H, 2C

V&H = VERTICAL & HORIZONTAL REBAR, SAME SIZE AND SPACING.
2C = 2 CURTAINS
NOTE: FOR INFORMATION REGARDING CONCRETE WALLS, SEE DETAILS 8 S10, 8 S11, 8 S12, 8 S13, 8 S14

PNEUMATICALLY PLACED CONCRETE (SHOTCRETE) NOTES

- ALL CONCRETE WALLS MAY BE SHOTCRETED @ CONTRACTOR'S OPTION.
- ALL SHOTCRETE SHALL CONFORM TO THE REQUIREMENTS OF ACI 308.2, WHICH IS AVAILABLE FOR REVIEW AT THE ENGINEER'S OFFICE.
- ALL SHOTCRETE SHALL TEST NOT LESS THAN 4000 PSI AT 28 DAYS.
- MAXIMUM AGGREGATE SIZE SHALL BE 3/8" INCH.
- LAP ALL REINFORCING BARS 40 DIAMETERS AT SPLICES. SPLICE BARS BY THE NONCONTACT LAP SPLICE METHOD WITH 2 INCHES CLEAR BETWEEN BARS.
- ANY REBOUND SHALL BE REMOVED PRIOR TO PLACING OF CONCRETE.
- IN PLACE SHOTCRETE WHICH SHOWS SADS OR SLOUGHS, SEGREGATION, HONEY COMBING, SAND POCKETS OR OTHER OBVIOUS DEFECTS SHALL BE REMOVED AND REPLACED.
- CURE SHOTCRETE BY KEEPING CONTINUOUSLY MOIST FOR A MINIMUM OF 7 DAYS UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER.
- TEST PANELS: SHOOT ONE TEST PANEL, 18 INCHES SQUARE, FOR EACH 50 CUBIC YARDS OF SHOTCRETE PLACED, BUT NOT LESS THAN ONE PANEL PER SHIFT. CURE PANELS UNDER SAME CONDITIONS AS THE WORK. TESTING AGENCY SHALL TAKE A MINIMUM OF THREE 2" DIAMETER CORES FROM EACH PANEL. WATER SOAK SPECIMENS 24 HOURS BEFORE TESTING. TEST IN ACCORDANCE WITH UNIFORM BUILDING CODE STANDARD NO. 28-10.
- A MINIMUM OF THREE 3" DIAMETER CORES SHALL BE TAKEN FROM THE WORK AT LOCATIONS SPECIFIED BY THE STRUCTURAL ENGINEER. THE SPECIAL INSPECTOR SHALL VISUALLY EXAMINE CORES FOR STRUCTURAL SOUNDNESS AND SUBMIT A REPORT TO THE STRUCTURAL ENGINEER AND THE BUILDING INSPECTION DEPARTMENT.
- INSPECTION: PROVIDE CONTINUOUS SPECIAL INSPECTION OF SHOTCRETING OPERATION.

FOUNDATION NOTES

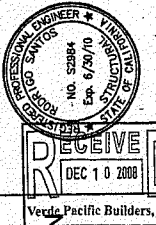
- FOUNDATION CRITERIA IS BASED ON INFORMATION & TESTING PROVIDED BY LB KARP CONSULTING ENGINEER.
- SYMBOL (E) DENOTES EXISTING CONSTRUCTION AND SYMBOL (N) DENOTES NEW CONSTRUCTION.
- ALL DIMENSIONS SHOWN ARE APPROXIMATE AND MUST BE FIELD VERIFIED PRIOR TO PROCEEDING WITH ANY WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
- IF CONDITIONS IN THE FIELD DEViate FROM THE ABOVE DETAILS, CONTACT STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH ANY WORK.
- FOR WATERPROOFING, FIREPROOFING, ETC. REFER TO DRAWINGS OTHER THAN STRUCTURAL.
- FOUNDATION PLAN IS TAKEN ABOVE GRADE LEVEL.
- WHEREVER PRACTICABLE, EXCAVATIONS SHALL BE MADE AS NEAR AS POSSIBLE TO THE NEAT LINES REQUIRED BY THE SIZE AND SHAPE OF THE STRUCTURE. NO MATERIAL IS TO BE EXCAVATED UNNECESSARILY.
- FOR DRAINAGE DETAILS, SUMPS, EXTERIOR WALKS, STEPS, ETC. SEE DRAWINGS OTHER THAN STRUCTURAL.
- PROVIDE CONT. WATER STOP ACROSS ALL CONSTRUCTION JOINTS EXPOSED TO THE EXTERIOR.
- FOR TOP OF MAT SLAB ELEVATIONS, SEE ARCHITECTURAL DRAWINGS.
- MUD SLAB SHALL BE PLACED IF REQUIRED BY THE PROJECT GEOTECHNICAL ENGINEERING BASED ON HIS FIELD REVIEW.

SYMBOL

+42.00 TOS ELEVATION OF TOP OF MAT SLAB

REVISIONS	BY
1 05/17/07	MC
2 GENERAL	
REVISION	
06/27/08	
3 12/02/08	T.T.
FOR CONSTRUCTION	

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Vercia Pacific Builders, Inc.

MIXED-USE BUILDING
1122 UNIVERSITY AVENUE
BERKELEY, CALIFORNIA

Date:	11/18/08
Scale:	1/8"=1'-0"
Drawn By:	M.C.
Job No:	6025
Sheet	S2
Of 11 Sheets	