INSPECTION / TESTING

5. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIL WIND OR SEISMIC FORCE RESISTING SYSTEM ELEMENT SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND TO THE OWNER'S REPRESENTATIVE, PRIOR TO THE COMMENCEMENT OF THE WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING INFORMATION:
   A. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
   B. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
   C. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND DISTRIBUTION OF THE REPORTS.
   D. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.

6. SPECIAL INSPECTIONS FOR THE STRUCTURAL STEEL PORTIONS OF THE LATERAL FORCE RESISTING SYSTEM SHALL ALSO COMPLY WITH THE REQUIREMENTS OF AISC 341.

7. NON-DESTRUCTIVE WELD TESTING: ULTRASONIC TESTING IS REQUIRED FOR ALL (100%) PARTIAL AND COMPLETE PENETRATION WELDS. TESTING SHALL BE PERFORMED 24 HOURS OR MORE AFTER COMPLETION OF WELDING. WELD BACKING REMOVAL AREAS AND FILLET WELDS SHALL BE SUBJECTED TO MAGNETIC PARTICLE EXAMINATION.

8. TEST BY CALIBRATED TORQUE WRENCH A MINIMUM OF ONE (1) HIGH STRENGTH BOLT AT EACH SHEAR CONNECTION. A MINIMUM OF TWO (2) BOLTS PER CONNECTION FOR CONNECTION WITH 8 BOLTS OR MORE.

9. TEST A MINIMUM OF 10% OF FILLET WELDS BY MAGNETIC PARTICLE (ASTM 109 METHOD).

10. APPROVAL BY THE INSPECTOR OF MATTERS NOT SPECIFICALLY CONSTRUCTED PER THE APPROVED DRAWINGS DOES NOT MEAN THE FAILURE TO COMPLY WITH THE CONSTRUCTION DOCUMENTS HAS BEEN ACCEPTED. ANY DETAIL THAT FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE STRUCTURAL ENGINEER FOR INTERPRETATION OR CLARIFICATION.

11. INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER WITHIN SEVEN DAYS OF WHEN THE INSPECTION WAS MADE OR WHEN THE TESTING WAS PERFORMED.

12. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY INSPECTION OR TESTING WHICH DOES NOT COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

FOUNDATIONS AND SITE WORK

1. THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL INVESTIGATION REPORT ENTITLED GEOTECHNICAL INVESTIGATION REPORTS BY AMERICAN GEOTECHNICAL INC., DATED AUGUST 27, 2008 AND JULY 7, 2009 PLUS ALL SUBSEQUENT ADDENDA. COPIES ARE AVAILABLE FOR REVIEW AT THE ARCHITECT'S OFFICE.

2. THE GEOTECHNICAL INVESTIGATION REPORT AND ITS RECOMMENDATIONS SHALL BE FOLLOWED AND SHALL BE CONSIDERED MINIMUM REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE PRESENTED IN THE CONSTRUCTION DOCUMENTS.

3. A MINIMUM OVER EXCAVATION AND RE-COMPACTION OF 5 FEET IS REQUIRED PER GEOTECH REPORT. SEE CIVIL DRAWINGS FOR EXTENT. PRESATURATE SUB-GRADE AS REQUIRED BY GEOTECH REPORT.

4. FOOTING DESIGN BASED ON ALLOWABLE SOIL PRESSURE OF 1500 PSF. BOTTOM OF FOOTINGS TO BE A MINIMUM OF 2'-0" FEET BELOW LOWEST ADJACENT FINISHED FLOOR OR GRADE, AND 3'-0" FEET OF NEWLY COMPACTED FILL BELOW BOTTOM OF FOOTING.

5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION.

6. CONTRACTOR SHALL PROVIDE DE-WATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER OR SEEPAGE. REMOVE LOOSE SOIL AND STANDING WATER FROM FOUNDATION EXCAVATIONS PRIOR TO PLACING CONCRETE.

7. EXCAVATION AND COMPACTING IF REQUIRED SHALL BE APPROVED BY THE GOVERNING AGENCY AND THE GEOTECHNICAL ENGINEER PRIOR TO PLACING THE CONCRETE AND REINFORCING. THE GEOTECHNICAL ENGINEER SHALL SUBMIT LETTER OF COMPLIANCE TO THE OWNER'S REPRESENTATIVE.

8. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE WALLS HAVE ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH. CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS AND INSTALLATION OF SUCH BRACING.

9. FOOTINGS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE FOUNDATION ENGINEER, FOOTING ELEVATIONS SHALL BE ALTERED AS REQUIRED.

10. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH SOIL REPORT. FLOODING IS NOT BE PERMITTED.

11. LOCATE AND PROTECT EXISTING UTILITIES TO REMAIN DURING AND/OR AFTER CONSTRUCTION.

12. ALL ABANDONED FOOTINGS, UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.

13. ALL EARTHWORK SHALL BE DONE IN ACCORDANCE WITH SOILS REPORT RECOMMENDATIONS.

INSPECTION / TESTING

1. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTORS SHALL BE RETAINED BY THE OWNER TO PERFORM THE TESTS AND INSPECTION AS REQUIRED BY SECTION 1704 OF THE CALIFORNIA BUILDING CODE. THE CONTRACTOR SHALL PROVIDE ACCESS TO THE SPECIAL INSPECTOR TO THE SITE OR FABRICATION SHOPS AND SHALL FURNISH SAMPLES OF MATERIALS FOR TESTING AS REQUESTED BY THE TESTING AGENCY AND THE GOVERNING CODE.

2. IF INITIAL TESTS OR INSPECTIONS MADE BY THE OWNER'S TESTING AGENCY REVEAL THAT ANY PORTION OF THE WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, ADDITIONAL TESTS, INSPECTIONS, AND NECESSARY REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.

3. PROVIDE CONTINUOUS OR PERIODIC SPECIAL INSPECTION FOR ITEMS NOTED IN THE LIST BELOW, AS REQUIRED PER THE CHAPTER 17 OF THE CALIFORNIA BUILDING CODE AND ALL APPLICABLE AMENDMENTS:

STRUCTURAL STEEL					
X	REVIEW MILL CERTIFICATE, TEST REPORTS AND MATERIAL IDENTIFICATION DELIVERED TO THE SITE				
C	REVIEW WELDING PROCEDURE SPECIFICATION & WELDER CERTIFICATION				
P	INSTALLATION OF NON-SLIP CRITICAL HIGH-STRENGTH BOLTS & WASHERS (PROVIDE CONTINUOUS INSPECTION IF INSTALLATION IS PERFORMED WITH CALIBRATED WRENCH)				
C	INSTALLATION OF SLIP CRITICAL HIGH-STRENGTH BOLTS & WASHERS				
P	FIELD ERECTION INSPECTION				
X	FABRICATION INSPECTION	P	SHOP	P	FIELD
X	WELDING INSPECTION	C	SHOP	C	FIELD
X	NON-DESTRUCTIVE WELD TEST	X	SHOP	X	FIELD
X	BOLTING INSPECTION	X	SHOP	X	FIELD
C	INSTALLATION OF ANCHOR BOLTS BEFORE & DURING CONCRETE POUR				

METAL DECK	
X	REVIEW MILL CERTIFICATES & TEST REPORTS
P	PLACEMENT INSPECTION
P	WELDING & FASTENING INSPECTION

REINFORCING STEEL					
X	REVIEW MILL CERTIFICATES & TEST REPORTS				
X	SAMPLE & TEST	X	REINFORCING BARS	X	WELDED WIRE FABRIC
P	PLACEMENT INSPECTION				
C	WELDING INSPECTION				
P	TEST REINFORCING FOR WELDABILITY OTHER THAN ASTM A706				

CONCRETE, SHOTCRETE, CMU, GROUT & MORTAR					
CONCRETE		CMU	GROUT	MORTAR	
X			X	X	MIX DESIGN REVIEW
X			X	X	VERIFICATION OF CORRECT MIX DESIGN USED DURING POUR
X		C	C		PREPARATION OF SAMPLES FOR TESTING PURPOSES
X					BATCH PLANT INSPECTIONS
C		C	X		CAST, PICK-UP, AND COMPRESSION TEST SAMPLES
C					SLUMP, ENTRAINED AIR, & TEMPERATURE TEST
X					SHRINKAGE TEST
C		C	C	P	PLACEMENT INSPECTION
P					CURING TEMPERATURE AND TECHNIQUES
P					FORMWORK INSPECTION

MISCELLANEOUS	
C	BOLTS CAST IN CONCRETE OR MASONRY

NOTES:
C: INDICATES CONTINUOUS INSPECTION
P: INDICATES PERIODIC INSPECTION
X: INDICATES REQUIRED INSPECTION

4. SPECIAL INSPECTIONS MAY NOT BE REQUIRED WHEN THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED BY THE BUILDING OFFICIAL OR GOVERNING AGENCY HAVING JURISDICTION OVER THE PROJECT TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION.

GENERAL (CONT)

17. ANY DEVIATION FROM THE APPROVED SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW/APPROVAL BEFORE PROCEEDING WITH THE WORK. SUBSTITUTIONS OF PRODUCTS OR MATERIALS SPECIFIED ON THE CONSTRUCTION DOCUMENTS ARE NOT ALLOWED.

18. THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE MEANS, METHOD, TECHNIQUES, SEQUENCE AND PROCEDURE OF CONSTRUCTION AS REQUIRED. SITE VISITS PERFORMED BY THE OWNER'S REPRESENTATIVE DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PERFORMED BY CONTRACTOR.

19. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORES, BRACES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURE AND COMPONENTS, SOILS, OTHER STRUCTURES AND UTILITIES MAY BE SUBJECTED DURING CONSTRUCTION. SHORING SYSTEMS SHALL BE DESIGNED AND STAMPED BY A CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. VISITS TO THE SITE BY THE OWNER'S REPRESENTATIVE WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.

20. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOFS. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT SPECIFIED ON THIS SET OF DRAWINGS. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH OR WHERE OVERLOAD IS ANTICIPATED.

21. STRUCTURAL OBSERVATIONS PERFORMED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR OR THE DEPUTY INSPECTOR. OBSERVATIONS ALSO DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

22. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS AND SHALL STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO THE OWNER'S REPRESENTATIVE.

23. ARCHITECT'S / ENGINEER'S REVIEW OF THE SHOP DRAWINGS SHALL NOT BE CONSTRUED AS AN AUTHORIZATION TO DEVIATE FROM CONTRACT DOCUMENTS.

24. SHOP DRAWINGS WILL NOT BE PROCESSED DUE TO INCOMPLETENESS, LACK OF COORDINATION WITH RELEVANT PORTION OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS IF REQUIRED AND WHERE DEVIATIONS, MODIFICATIONS AND SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE.

25. ALLOW SEVEN WORKING DAYS FOR PROCESSING SHOP DRAWINGS OTHER THAN STRUCTURAL STEEL & DESIGN-BUILD ITEMS AFTER RECEIPT BY THE STRUCTURAL ENGINEER. ALLOW FOURTEEN WORKING DAYS FOR PROCESSING STRUCTURAL STEEL & DESIGN-BUILD ITEMS SHOP DRAWINGS. SHOP DRAWINGS AND SUBMITTALS WILL BE REVIEWED A MAXIMUM OF TWO TIMES.

26. THE LATERAL SYSTEM OF THE STRUCTURE IS DESIGNED WITH LATERAL RESTRAINT AT THE GROUND FLOOR. STRUCTURAL FRAMES ARE NOT LATERALLY SELF SUPPORTING UNTIL THE ENTIRE DESIGN LATERAL RESTRAINT FLOOR AND STRUCTURAL WALLS BELOW ARE IN PLACE.

27. DO NOT SPLICE STRUCTURAL MEMBERS UNLESS SPECIFICALLY DETAILED AN INDICATED IN THIS SET OF DRAWINGS. DO NOT PLACE OPENINGS, POCKETS, ETC. IN STRUCTURAL MEMBERS UNLESS SPECIFICALLY DETAILED AND INDICATED IN THIS SET OF STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER IF DRAWINGS BY OTHERS REQUIRE MODIFICATIONS TO STRUCTURAL MEMBERS AS SHOWN IN THIS SET OF STRUCTURAL DRAWINGS PRIOR TO PROCEEDING WITH THE WORK.

28. DESIGN LOADS:
   A. DEAD LOADS: CONSIST OF BUILDING SELF-WEIGHT PLUS SUPERIMPOSED DEAD LOADS. REFER TO COMPLETE SET OF DRAWINGS FOR DETERMINING DEAD LOADS.

   B. LIVE LOADS:

AREA	DESIGN LIVE LOAD	REMARK
FLOOR	50 PSF	REDUCIBLE
STAIRS, LOBBIES	100 PSF	UNREDUCED
ROOF	20 PSF	REDUCIBLE
MECH AREAS	50 PSF	REDUCIBLE

   C. SEISMIC DESIGN LOADS:

SEISMIC IMPORTANCE FACTOR I	= 1.0
OCCUPANCY CATEGORY	= I/II
S_S	= 1.397
S_1	= 0.504
SITE CLASS	= D
S_{DS}	= 0.93
SD1	= 0.50
SEISMIC DESIGN CATEGORY	= D
C_S (ALLOWABLE)	= 0.121 CMU SHEAR WALLS 0.266 CANTILEVERED COLUMNS
R	= 5.5 CMU SHEAR WALLS 2.5 CANTILEVERED COLUMNS
SEISMIC DESIGN BASE SHEAR ANALYSIS PROCEDURE	= EQUIVALENT LATERAL FORCE

   D. WIND DESIGN LOADS:

BASIC WIND SPEED (3 SEC. GUST)	= 85 MPH
WIND IMPORTANCE FACTOR	= 1.0
OCCUPANCY CATEGORY	= I/II
WIND EXPOSURE	= C

STRUCTURAL OBSERVATION

1. PERIODIC STRUCTURAL OBSERVATION WILL BE PROVIDED BY JOHN A. MARTIN & ASSOCIATES INC., STRUCTURAL ENGINEERS, PER SECTION 1709 OF THE CALIFORNIA BUILDING CODE AND ALL APPLICABLE AMENDMENTS, FOR THE WORK INDICATED BELOW. CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS BEFORE REQUIRED OBSERVATIONS. DELINQUENT NOTIFICATION MAY REQUIRE DEMOLITION OF COVERING MATERIAL TO FACILITATE OBSERVATION.

   PLACING OF CONCRETE
   PLACING OF REINFORCING
   PLACING OF STRUCTURAL STEEL
   PLACING OF METAL DECK
   PLACING OF MASONRY
   PLACING OF ANCHOR BOLTS

2. STRUCTURAL OBSERVATIONS PERFORMED BY JOHN A. MARTIN & ASSOCIATES CONSIST ON THE VISUAL OBSERVATION OF THE MAJOR ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETED STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE REQUIREMENT/RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR OR THE SPECIAL INSPECTOR.

3. THE ENGINEER OF RECORD SHALL DEVELOP ALL CHANGES RELATING TO THE STRUCTURAL SYSTEMS. THE BUILDING DEPARTMENT SHALL REVIEW AND APPROVE ALL CHANGES TO THE APPROVED PLANS AND SPECIFICATIONS.

STRUCTURAL DRAWING LIST

S-1.1 GENERAL NOTES
S-1.2 GENERAL NOTES
S-1.2a GENERAL NOTES
S-1.3 TYPICAL FOUNDATION DETAILS
S-1.4 TYPICAL MASONRY DETAILS
S-1.5 TYPICAL STEEL DETAILS
S-1.6 TYPICAL STEEL DECK DETAILS
S-1.7 TYPICAL STEEL DECK DETAILS

S-2.1.1 BUILDING 1 – FOUNDATION PLAN
S-2.1.2 BUILDING 1 – LOW ROOF FRAMING PLAN
S-2.1.3 BUILDING 1 – HIGH ROOF FRAMING PLAN

S-2.2.1 BUILDING 2 – FOUNDATION PLAN
S-2.2.2 BUILDING 2 – LOW & HIGH ROOF FRAMING PLANS

S-2.3.1 BUILDING 3 – FOUNDATION & SECOND FLOOR FRAMING PLANS
S-2.3.2 BUILDING 3 – LOW & HIGH ROOF FRAMING PLANS

S-2.4.1 BUILDING 4 AND TRASH ENCLOSURE PLANS

S-3.1.1 BUILDING 1 – SHEAR WALL ELEVATIONS
S-3.1.2 BUILDING 1 – SHEAR WALL ELEVATIONS
S-3.2 BUILDING 2 – SHEAR WALL ELEVATIONS
S-3.3 BUILDING 3 – SHEAR WALL ELEVATIONS
S-3.4 BUILDING 4 – SHEAR WALL ELEVATIONS
S-3.5 BUILDING 1 & 2 – STEEL FRAMING ELEVATIONS AT CLERESTORIES
S-3.6 BUILDING 3 – STEEL FRAMING ELEVATIONS AT CLERESTORIES
S-4.1 FOUNDATION SCHEDULE & DETAILS

S-5.1 MISCELLANEOUS DETAILS

GENERAL

1. THE PROJECT SPECIFICATIONS FORM A PART OF THESE GENERAL NOTES.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.

3. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.

4. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS. DRAWINGS SHALL NOT BE SCALED.

5. DETAILS IN SHEETS TITLED 'TYPICAL DETAILS', TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK, EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS NOTED OTHERWISE. THESE DETAILS ARE NOT SPECIFICALLY REFERENCED WHERE THEY OCCUR.

6. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NOTES AND DETAILS ON DRAWINGS AND THESE GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE PROJECT SPECIFICATIONS THE MOST STRINGENT SHALL APPLY. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED AS SHOWN FOR SIMILAR WORK.

7. ALL WORK SHALL CONFORM TO THE STANDARDS OF THE FOLLOWING:
   CALIFORNIA BUILDING CODE, 2007 EDITION WITH COUNTY OF ORANGE AMENDMENTS
   AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING BUT NOT LIMITED TO THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (DIRDOSH), AND THOSE CODES AND STANDARDS LISTED IN THE CONTRACT DOCUMENTS.

8. SPECIFICATIONS, CODES, AND STANDARDS NOTED IN THE CONTRACT DOCUMENTS SHALL BE OF THE LATEST APPROVED ISSUE, INCLUDING SUPPLEMENTS, UNLESS OTHERWISE NOTED. MATERIAL SPECIFICATIONS SHALL COMPLY WITH ASTM REFERENCED STANDARDS LATEST EDITION.

9. MANUFACTURED MATERIALS SHALL BE APPROVED BY THE CHECKING AGENCY PRIOR TO THEIR USE. ALL REQUIREMENTS OF THOSE APPROVALS SHALL BE FOLLOWED.

10. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
   A. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS.
   B. SIZE AND LOCATION OF ALL NON-BEARING PARTITIONS.
   C. SIZE AND LOCATION OF ALL CONCRETE CURBS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGES IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC.
   D. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS.
   E. STAIR FRAMING AND DETAILS.
   F. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

11. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
   A. PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL, ROOF AND FLOOR OPENINGS, ETC., NOT SHOWN OR NOTED.
   B. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS.
   C. ANCHORAGE AND BRACING FOR ELECTRICAL, MECHANICAL OR PLUMBING EQUIPMENT TO THE STRUCTURE.
   D. ANCHOR BOLTS FOR EQUIPMENT MOUNTS.
   E. SIZE, WEIGHT, AND LOCATION OF MACHINE AND EQUIPMENT BASES.

12. OPENINGS, POCKETS, ETC. SHALL NOT BE PLACED IN STRUCTURAL MEMBERS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER OF RECORD WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.

13. STAIR FRAMING, HANDRAILS, CLADDING SYSTEMS, METAL STUD FRAMING, MEP EQUIPMENT AND PIPING, ANCHORAGE/BRACING AND ANY OTHER DESIGN-BUILD ELEMENTS, WHEN NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, SHALL BE THE DESIGN RESPONSIBILITY OF THE CONTRACTOR AND MAY BE SUPPORTED BY THE PRIMARY STRUCTURE. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ANCILLARY MEMBERS INCLUDING BUT NOT LIMITED TO BEAMS, COLUMNS, POSTS, FOOTINGS, STIFFENERS, GUSSETS, KICKERS, BRACES, ETC., AND THE ATTENDANT CONNECTIONS, AS REQUIRED BY THE STRUCTURAL ENGINEER OF RECORD, TO SUPPORT LOADS IMPOSED BY THE STAIR FRAMING AND DESIGN-BUILD ELEMENTS ON THE PRIMARY STRUCTURE. DESIGN AND DETAILING OF THESE ELEMENTS SHALL BE DEVELOPED AND STAMPED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF CALIFORNIA. CONTRACTOR SHALL SUBMIT THE CALCULATIONS, DRAWINGS AND DESIGN TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND TO THE GOVERNING AGENCY FOR PERMITTING AND APPROVAL PRIOR TO START FABRICATION. CONTRACTOR SHALL OBTAIN ALL PERTINENT PERMITS PRIOR TO START FABRICATION. STAIR FRAMING AND DESIGN-BUILD ELEMENTS SHALL BE DESIGNED TO AVOID TORSIONAL LOADS INTO THE PRIMARY STRUCTURE. ENGINEER RESPONSIBLE FOR THE DESIGN OF STAIRS IS ALSO RESPONSIBLE FOR PROVIDING STRUCTURAL OBSERVATIONS FOR THE DESIGN-BUILD ITEMS.

14. CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE EXTENT OF THE SCOPE OF WORK. VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS AND DETERMINE THE EXTENT TO WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

15. THE CONTRACTOR SHALL RESOLVE ANY CONFLICTS ON THE CONSTRUCTION DOCUMENTS WITH THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

16. UNLESS NOTED OTHERWISE, COLUMNS, WALLS, BEAMS, FOOTINGS, ETC, ARE CENTERED AT GRID LINES. WHERE BEAM TO BEAM SPACING IS NOT SHOWN, BEAM SHALL BE EQUALLY SPACED BETWEEN GRID LINES.

County of Orange
OC PUBLIC WORKS
Architecture & Engineering

Revisions
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Sht Title GENERAL NOTES
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PROJ. NO. 100-042-P210-4200

Plan No. 52333-03608

Sheet S-1.1