147930

DIV. 1 GENERAL PROJECT REQUIREMENTS

A. GENERAL SUPPLEMENTARY REQUIREMENTS

1. SPECIFICATIONS: These specifications are of the abbreviated or "streamlined" type, and include incomplete sentences. Omission of words or phrases such as "the contractor shall", "in conformity therewith", "shall be", "as noted on the drawings", "according to the plans", "a", "an", "the", and "all" are intentional. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the drawings.
2. SCOPE OF WORK: The contractor provides items, articles, materials, operations or methods listed, mentioned or scheduled on the drawings and/or herein, including labor, materials, equipment and incidentals necessary and required for their completion.
3. CODES: Work shall conform to the requirements of the Uniform Building Code, 1988 Edition and local and national applicable codes and authorities.
4. CONSTRUCTION DOCUMENT DISCREPANCIES: Omissions or conflicts between various elements of the drawings, notes, details or specifications shall be brought to the attention of the Architect before proceeding with the work.
5. DIMENSIONS: Do not use scaled dimensions, use written dimensions or where no dimension is provided, consult the Architect before proceeding with the work.
6. DETAIL APPLICABILITY: Typical details are not cut on drawings but apply unless noted otherwise. Details shown shall be incorporated into the project at appropriate locations. Where no specific details are shown, construction shall conform to similar work on project.
7. VERIFICATION: Contractor shall verify dimensions and conditions at job site and report any discrepancies to the Architect before commencing with the work.
8. ARCHITECTURAL AND ENGINEERING SERVICES: It is understood that normal architectural and engineering liaison for the purpose of interpretation of the Contract Documents is provided for by the Owner. Should any services of the Architect be required to assist in the correction of errors or omissions in construction by the Contractor, or services of the Architect be required because of changes in structure or equipment where the Contractor has requested approval of substitute methods or materials, these services will be provided by the Architect at his standard hourly rates, and shall be paid for by the Contractor.
9. SPECIAL INSPECTION SERVICES: When required by the governing authority, special inspections will be done and shall be paid for by the contractor. Inspections normally performed by municipal authorities will not be performed by Architect.
10. EXTRA WORK: In accordance with the General Conditions and when authorized in writing by the Owner, extra work may be ordered. Claims for additional compension, on account of extra work done, will not be recognized unless such extra work has been authorized in advance and in writing by the Architect and Owner.
11. OPTIONS: If indicated, are for the contractor's convenience. He shall be responsible for all necessary changes, if he chooses an option and he shall coordinate all details.
12. PROTECTION OF WORK: Work shall be adequately protected throughout duration of the contract. Repair and/or replace any work or materials that are broken, chipped, cracked, abraded or damaged in any other way, including natural causes and vandalism, at no loss to the owner.
13. AS BUILT DRAWINGS: Any phases of construction that differ from the original approved Construction Documents shall be recorded in detail in red on a special set of Construction Documents specifically set aside for this use and shall be held by General Contractor. It shall be the responsibility of the Sub contractor performing the work to carefully and accurately log changes daily.
    a. Prior to and as a condition of final payment, plumbing, mechanical and electrical as-builts with accurately drawn changes must be completed and submitted to Architect as an integral part of job records.
14. SHOP DRAWINGS AND SAMPLES: Contractor furnish one (1) set of blueline prints and one (1) set of sepias of original drawings for checking. Samples submitted when required by Architect or Owner.
    a. REVIEW TIME: Submit shop drawings, material lists, manufacturer's literature, samples, and other required information in sufficient time to permit proper consideration and action on same before any materials or items, which such shop drawings, information and samples represent, are ordered. Allow sufficient time so that no delay occurs due to required lead time in ordering or delivery to the job site.
    b. APPROVAL: Shop drawing review will be general. It shall not relieve the Contractor of responsibility for accuracy of such shop drawings, nor proper fitting, construction of work, furnishing of materials, or work required by Contract documents and not indicated on shop drawings. Shop drawing approval shall not be construed as approving departures from Contract Documents.
15. SITE CLEAN UP: During course of project, keep areas of project free from accumulations of waste and rubbish. Areas of work kept clean as suited to requirements of items being installed or items built within work. Keep off-site property, public and private, and on-site property beyond limits of work clean of construction droppings and debris. Waste or rubbish intended for disposal suitable stored to prevent wind dispersal. Tools, sheds or other items no longer in use removed. Existing conditions restored, where affected, to original condition prior to construction.
    a. FINAL CLEANING: Finish surfaces and areas clean and fit for occupancy. Interiors and grounds, free from debris, temporary or construction items and other unsightly materials.
16. WORKMANSHIP: Where not more specifically described in any of the various Sections of these Specifications, workmanship shall conform to the methods and operations of best standards and accepted practices of the trade or trades involved, and shall include items of fabrication, construction or installation regularly furnished or required for completion including any finish, of a successful first class operation as intended.
17. WATERTIGHT - WEATHERTIGHT: Anything in the Contract Documents not withstanding, the Contractor accepts the responsibility of constructing a watertight, weathertight project.
18. Establish and verify the size and location of blockouts, inserts openings, curbs, bases and pads for architectural, mechanical, electrical and plumbing with appropriate trades, drawings and subcontractors prior to construction.
19. Drawings and applicable sections of the Uniform Standard Specifications for Public Work's Construction, Off-Site Improvement, Clark County Area, Nevada, 1986 apply to work of this Contract.

2. STRUCTURAL SUPPLEMENTARY INSTRUCTIONS
1. METHOD OF CONSTRUCTION: The contract structural drawings and specifications represent the finished structure. They do not indicate the method of construction. The contractor shall provide necessary measures to protect the structure during construction. Such measures shall include, but not be limited to bracing, shoring of loads due to construction equipment etc. Observation visits, unless specifically requested, shall not include the inspection of above items.
2. DESIGN LOADS:
   Live Load (reducible per UBC):
   Roof 20 psf
   Dead Load
   Roof 17 psf
   Lateral Load
   a. Basic wind velocity 75 mph, exposure B,15 psf lateral on structure.
   b. Seismic zone IIB.
3. SUPPLEMENTARY ENGINEERING DESIGNS: Any engineering design provided by others and submitted for review shall bear the seal of a structural engineer registered in Nevada.
4. CONSTRUCTION LIVE LOADS: Construction material shall be spread out if placed on framed roof. Load shall not exceed the design live load per square foot.

DIV. 2 SITE WORK

A. GENERAL
1. SITE CONDITIONS: Visit site and become aware of conditions under which work is to be performed and obstacles which may be met. Report discrepancies concerning work to be performed to the Architect prior to proposal. For all site preparation refer to Geotechnical Exploration Report: Proposed City of Las Vegas Park; Gowan Road between Torrey Pines Dr. and Rainbow Blvd.; Las Vegas, Nevada prepared by Western Technologies, Inc., 3611 West Tompkins Ave; Las Vegas, Nevada, 89103; (702) 798-8050; project no. 4122JK081, dated April 7, 1992 for recommendations.
2. UTILITIES: Coordinate utility work with appropriate trades.
3. Call "1-800-227-2600 before you dig".
4. Treat soil under slabs for protection against termites. Provide 5 year written guarantee against infestation.
5. Confirm new work to contract areas.

B. DEMOLITION
1. Remove any existing foundations, paving, concrete, walls or other objects - or sections of, specified or not, as required for execution of site work this contract.

C. STRUCTURE EXCAVATION AND BACKFILLING
1. Footings shall bear on engineer controlled fill and/or undisturbed native soils at depths shown but not less than 1'-6" below lowest adjacent finished grade or below floor slab whichever is lowest except that footings shall be carried to a greater depth if necessary to gain suitable material for a design bearing pressure of 1500 PSF, (or as specified).
2. Footings shall be carried a minimum of 12" beyond the end of non continuous walls unless otherwise noted.
3. A soils testing laboratory shall be retained to make necessary tests of native materials to certify that they are satisfactory to support the design bearing pressure. The Soils Laboratory shall furnish in writing this certification of adequacy of bearing. Testing shall be done at owner's option.
4. Shape footing trenches as close as practicable to exact size of concrete.
5. Excavate bottom of footings and other pits and trenches level and true.
6. Contractor shall retain the services of a Geotechnical Engineer for the observation and testing of the earth work and foundation preparation. Copies of test reports to be filed with the owner and Architect.

D. DRAINAGE
1. Due to the adverse effect of increasing moisture, good site drainage shall be provided during construction. Infiltration of surface runoff into foundation excavations must be prevented during construction. Backfill against footings and in utility line trenches shall be compacted as recommended herein to minimize the possibility of moisture infiltration through loosely backfilled areas.

DIV. 3 CONCRETE

A. GENERAL
1. See Div. 1, General Supplementary Instructions.
2. The following latest editions of ACI Standards of recommended practice shall apply to concrete work.
   a. ACI 318 Building code requirements for reinforced concrete.
   b. ACI 304 Practice for measuring, mixing, transporting concrete.
   c. ACI 306 Practice for cold weather concreting.
   d. ACI 305 Practice for hot weather concreting.
   e. ACI 211.1 Practice for selecting concrete.
   f. ACI 315 Practice for detailing concrete.
   g. ACI 347 Practice for formwork.
   h. ACI 301 Specifications for structural concrete for building.
3. Concrete testing will be done by an approved independent laboratory at the direction of the Owner. Approximately one (1) test will be made for each 50 cubic yards. Tests shall be made for 7 day and 28 day test, one for 28 day test, one for hold.
4. Replace or repair damage to concrete from construction operations, freezing, etc., as directed.

B. PRODUCT
1. All concrete shall be ready-mixed conforming with ASTM C-94. Type V Portland Cement shall be used for all concrete in contact with soil. Type I or Type II Portland cement shall be used for all other concrete. Following minimum strengths at 28 days shall be attained:

Foundations	3000 psi
Slabs on grade	3000 psi
Stem walls	3000 psi

2. Concrete shall have a minimum cement content of 5 sack per cubic yard, and not more than 6 gallons of water per sack of cement. Slump shall not be more than 4 inches. Any deviations from these requirements shall be made only with the approval of the engineer.
3. Reinforcing steel shall be deformed bars, sizes as shown on drawings, see Div. 5.

C. EXECUTION
1. Coordinate this work with other Divisions so inserts, sleeves, anchor bolts, weld plates, pipes, conduits, and other embedded items are installed before concrete is placed.
2. Concrete footings and pads may be poured against neat excavations, provided plan dimensions are adhered to. Where not practicable, use forms (2 x 8 Min.).
3. Concrete shall be placed in approximately horizontal layers, not to exceed 12" in depth, and carried on in a continuous operation until the placing in the section or monolith is completed. Deposit concrete at or near to its final position to avoid segregation caused by rehandling or flowing. No concrete shall be dropped freely into place from a greater height than 4'-0". Use tremies for placing concrete where the drop is in excess of such height.
4. Place concrete with the aid of approved mechanical vibrators. Transmit vibrations directly to the concrete and not through forms. Vibrators shall not be used to transport concrete or force concrete to flow horizontally. Supplement by manual forking or spading adjacent to the forms or exposed faces to secure smooth, dense surfaces.
5. Separate slabs from vertical surfaces with 1/2" joint filler and bond breaker. Extend joint filler from bottom of slab to within 1/2" of finished slab surface.
6. Placing of concrete in which initial set has occurred or placing of retempered concrete will not be permitted. Concrete which has contained water for more than one hour will not be accepted.
7. Provide dowels from footings to match vertical reinforcing above. Dowels shall be continuous vertical through stems and project into masonry above. Lap reinforcing at splices as follows:
   40 bar diameters in masonry
   30 bar diameters in concrete
8. Run horizontal reinforcing in concrete and masonry continuous around corners, or provide corner bars to match in accordance with ACI 315-74.
9. No construction joints (other than those shown on drawings) shall be installed without approval of the engineer.
10. For all concrete slabs on grade, the area enclosed by construction joints, either keyed or saw cut, shall not exceed 600 square feet. Keyed construction joints need only be provided at the exposed edges during construction. All other joints may be provided as saw cut.
11. Exposed vertical concrete surfaces shall be finished smooth by filling voids, pockets, form tie holes, etc., with a grout (sand and cement).
12. CONCRETE FINISH: Interior slab - floor finish; exterior sidewalks, aprons, and concrete pads - broom finish, unless otherwise noted.

DIV. 4 MASONRY

A. GENERAL
1. See DIV. 1, General Supplementary Instructions.
2. All masonry in accordance with Uniform Building Code Chapt. 24, Masonry, 1988 Edition special.

B. PRODUCT
1. CONCRETE MASONRY UNITS: ASTM C90, Grade N Type 1 manufactured using normal weight aggregate, with a minimum 28 day net compressive strength of 1350 psi and a minimum 28 day gross compressive strength of 1000 psi and of the nominal sizes as indicated on the drawings, and shall include all special shapes and sizes required to complete the work indicated. Integrally colored units shall be as selected by Architect.
   a. Size: Manufacture hard units with nominal face dimensions of 16" long x 6", unless otherwise indicated.
   b. Special Shapes: Provide where required for lintels, corners, jambs, sash, control joints, headers, building and other special conditions.
   c. Exposed Faces: Provide manufacturer's standard gray color texture. Smooth face behind fixtures in toilet rooms; slump face all other areas.
2. REINFORCING:
   a. Typical horizontal reinforcement provide 2-#4 in 8" minimum deep grouted continuous bond beam at ledger levels and at top of wall. To maintain horizontal bond beam continuity, provide bent bars at corners and wall intersections to match the horizontal bond beam reinforcement. Provide 1-#5 in 8" deep grouted bond beam above and below all openings, extending 25" minimum past jamb.
   b. All masonry shall be reinforced with #9 gauge truss type dur-o-wall horizontally at 16" O.C. Dur-o-wall shall be lapped a minimum of 6".
   c. For typical vertical reinforcement, provide 1-#5 vertical for 8" CMU full height of wall @ 48" O.C. and at ends, jambs, beam bearings, and each side of control joints.
   d. Provide 40 bar dia. lap splices.
   e. Control joints in masonry shall be spaced at 24' maximum or as noted. Locate all control joints 24" minimum from any opening in the masonry.
3. Mortar: ASTM C-270, type S, 1800 psi (min.) and shall conform to UBC 24-21-81.
   Color: Natural U.O.N.
4. Masonry grout shall conform to ASTM C476 course grout with a minimum 28 day compressive strength of 2000 PSI. Cells and courses of hollow unit masonry with reinforcing bars shall be filled solid with grout as noted on the drawing.

C. EXECUTION
1. All block laid with full head and bed joints, running bond with rodded joints where exposed. Laid true to dimensions, square, plumb, properly anchored.
2. Grout in maximum 8'-0" lifts. If grout lift exceeds 4'-0", provide cleanouts in block walls. Grout all cells with reinforcing solid.
3. Vertical reinforcing shall be matched with dowels from foundation place reinforcing before grouting.
4. Construction joints in masonry: 24' O.C. maximum or as noted on drawings.
5. Provide form work and shores as required for temporary support of reinforced masonry elements.

DIV. 5 METALS

A. REINFORCING/STRUCTURAL STEEL
1. GENERAL:
   a. See DIV. 1, General Supplementary Instructions.
   b. Structural steel shall conform to the latest AISC specification for the design, fabrication, and erection of structural steel for buildings.
   c. Welding shall be done as per American Welding Society Standards, by experienced welders.
2. PRODUCT:
   a. Reinforcing steel shall conform to ASTM specification A615, Grade 40 for #5 rebar and smaller unless noted otherwise.
   b. All reinforcing steel to be welded shall conform to ASTM specification A706.
   c. Structural shapes and plates: ASTM A-36.
   d. Unfinished bolts and nuts: ASTM A-307, Grade A, sizes as shown on Drawings.
   e. Welding electrodes: ASTM A233 and AWS A5.1, Grade E-70XX.
   f. Anchor bolts: Plain and threaded bars and anchors, ASTM 36 or A307-84.
3. EXECUTION
   a. Reinforcing in concrete continuous or lapped per ACI 318. If splicing of the bars is required, no more than 50 percent of the bars shall be spliced at one location. Bar splice locations and details are subject to the approval of the engineer.
   b. Reinforcing steel accurately placed, anchored, and supported by galvanized metal chairs, spacers or hangers.
   c. Place anchor bolts in all locations required or as shown on drawings. 7" minimum embedment, 8" from jambs and ends of walls, 2" diameter minimum washer under each nut.
   d. Unless noted otherwise on the drawings, the minimum clear cover for reinforcement for "cast in place concrete" shall be as follows:
      Concrete cast against earth - 3"
      Concrete exposed to earth or weather:
      Bars greater than #5 - 2"
      Bars #5 or less - 1-1/2"
   e. Bent corner bars to match and lap with horizontal bars at corners and intersections of stem walls.

DIV. 6 WOOD

A. ROUGH CARPENTRY/GLU-LAM BEAMS
1. GENERAL
   a. Wood construction shall conform to chapter 25, UBC, 1988 Edition.
   b. Contractor shall furnish all materials, connectors, fasteners or articles mentioned specified, implied or required for a complete job.
2. PRODUCT
   a. All sawn lumber used in the work shall be Douglas Fir-larch No. 2 or better. Structural lumber values as specified by 1988 UTC, Table No. 25-A-1-Allowable Unit Stresses-Structural lumber. Consult for additional values.
   b. Sheathing: All sheathing shall be oriented-strand-board or C-D plywood with exterior glue and shall bear the stamp of and approved testing agency. Face grain for plywood shall be perpendicular to supports. Center sheet edges accurately over supporting members and provide two span minimum continuous. Stagger all joints. Provide one ply-clip per span for all roofs. All nails shall be common nails. Provide the following sheathing and nailing unless noted otherwise.

	THICKNESS	PANEL SPAN INDEX	EDGE NAILS	FIELD NAILS
Roof	1/2"	32/16	8d at 6"	8d at 12"

   c. All exposed members and trim to be clear grade.
   d. Nailing shall be of common wire nails conforming to the UBC 1988 schedule No. 25Q, or unless otherwise noted on drawings.
   e. Lumber shall bear the stamp of an approved grading agency. Grade stamps shall be legible with mark indicating stress rating and/or grade, method of grading, species moisture content and mill identification.
   f. Framing lumber shall be S4S, U.O.N., sound and free from warp that cannot be corrected by bridging, blocking or nailing.
   g. Metal framing devices shall be as manufactured by Simpson Company or other approved.
3. EXECUTION
   a. Framing, sheathing, bridging, blocking, all items of trim, and all other carpentry items laid out as called for by Drawings; cut and fitted, plumbed, leveled and braced with sufficient rough hardware to ensure stability.
   b. Plywood roof sheathing: Center sheet edges accurately over supporting members. Lay edge grain perpendicular to supports on roofs and stagger end joints.
   c. Roof framing and sheathing shall be inspected prior to placing of roof materials.
   d. Install panel edge clips at all unsupported edges of sheathing.
   e. Provide metal washers for all bolts and nuts bearing on wood.
   f. Provide all required nailers for gypsum board and back up for all plumbing fixtures and accessories.
   g. Reject any piece of wood or other carpentry material with defects that prevent it from serving its intended purpose.
   h. Beams made up of more than 2- 2x's bolted together with 1/2" diameter M.B.'s at 16 o.c., U.O.N.
   i. Joist at the same level shall be connected with joist hangers; "U" type.

B. TRUSSES
1. GENERAL
   a. See DIV. 1, General Supplementary Instructions.
   b. Sizes indicated on drawings are preliminary only.
   c. Design calculations and shop drawings, including connections for gravity and lateral loads, for all fabricated items shall be submitted to the Architect/Engineer for approval prior to fabrication and shall bear the stamp of a Structural Engineer registered in the State of Nevada.
2. PRODUCTS
   a. Prefabricated Trusses: Preapproved for the proposed application, by the building department. All necessary appurtenances and materials for anchorages, bridging cross-bracing and splices to be in accordance with manufacturer's typical details when not shown otherwise on the drawings. All materials as outlined above to be furnished by the manufacturer.
   b. The truss system shall include, but not be limited to, all trusses, wood or metal bridging, blocking panels, web stiffeners and other items shown on drawings, specified herein, or as required to complete the work. Materials shall be new, unused and free from defects.
3. EXECUTION
   a. Install trusses in strict accordance with manufacturers specifications, typical details.
   b. See drawings for concentrated roof loads and other special loading conditions. Provide special joists or extra joists to carry the superimposed loads.

C. FINISH CARPENTRY
1. GENERAL
   a. Trim materials stored indoors.
2. PRODUCT
   a. Interior Trim: Paint grade as approved by owner.
3. EXECUTION
   a. Apply interior trim with long lengths, tight joints, securely nailed with non-corrosive finishing nails, sized in accordance with thickness of material. Miter all corners. Back prime work set in contact with masonry. Coordinate this work with other trades.
   b. Final installation completely free of any tool marks.

DIV. 7 THERMAL/MOISTURE PROTECTION

A. ROOFING
1. GENERAL
   a. Roofing weather and water tight. Guaranteed in writing against leaks due to defects in material and workmanship for a period of two years.
   b. Submit drawings and/or manufacturers standard details showing profiles, joining, weather proofing at edges, termination and penetrations.
   c. Provide 20 year finish guarantee from manufacturer and 2 year weathertightness guarantee from application.
2. PRODUCT
   a. STANDING SEAM METAL ROOFING: 24 gage galvanized steel panels with snap-on seams containing weather seal inserts. Kynar 500 finish. Color as selected by Owner. Berridge, REP-SPAN, ECI, Architectural Building Components, Inc. or other approved.
3. EXECUTION
   a. Commencement of installation indicates acceptance of subsurface.
   b. Roofing installation in strict accordance with manufacturers recommendations.
   c. Provide and install all required flashing for a complete job.
   d. Provide for proper flashing and drainage at all curbs, mechanical equipment and other projections.
   e. Paint all metal vents, flashings, crickets, projections etc. to match adjacent surfaces.
   f. Panels installed true, level and plumb.
   g. Leave work clean, free of marks or stains. Remove scrap and debris from area.

B. INSULATION
1. GENERAL
   a. See DIV. 1, General Supplementary Instructions.
   b. Part 1 - General: Furnish labor, materials, and equipment necessary to perform the insulation work indicated on the drawings and described in the specifications.
   c. Deliver materials to the job site in original unopened packages, clearly marked with product brand name and manufacturer's labels. Store under cover and protect from weather and construction activities.
2. PRODUCT
   a. Fiberglass or rockwool batts as follows:
      1. Ceilings: R = 22 Foil faced; ASTM C 665 Type II Class B.
3. EXECUTION
   a. Thermal Batts or Blankets
      1. Install insulation in strict conformance with manufacturer's printed instructions.
      2. Fit insulation between framing members behind electrical receptacles, piping, and shim spaces to form a completely insulated area.
      3. Insulation with stapling tabs shall be stapled to the wood stud framing at 8 inch to 12 inch centers.
      4. Insulations faced with kraft, standard foil, or (FRK) foil reinforced kraft vapor barriers shall be installed with facing to the warm-in-winter side.
      5. Do not install fiberglas insulation on top of or within 3 inches of recessed light fixtures.
   b. Insulation on masonry walls: Impale on stick pins or other similar attachments.

C. SHEET METAL
1. GENERAL
   a. Sheet metal installed where shown or required to perform appropriate functions.
   b. Conform to the quality, procedures and methods recommended by the National Association of Sheetmetal Contractors.
2. PRODUCT
   a. Metal flashings, and edgings: 26 gauge galvanized.
3. EXECUTION
   a. Install in manner to make watertight.
   b. Install with adequate expansion joints.
   c. Anchor with non corrosive nails or other appropriate devices to hold securely against wind damage or accidental removal.

D. SEALANTS
1. GENERAL
   a. See DIV 1, General Supplementary Instructions.
   b. Provide an effectively sealed joint at all locations that require caulking.
2. PRODUCT
   a. Exterior: 2 component Poly Sulfide Base, including inside surface of exterior joints.
   b. Primer: Where required, shall be used as recommended, by the manufacturer. The primer shall have been tested for non-staining characteristics and durability on samples of actual surfaces to be sealed.
   c. Back-up materials and preformed joint fillers: Non-staining, compatible with sealant and primer, and of a resilient nature, such as closed cell polyethylene rod, closed cell urethane, Neoprene rod, elastomeric tubing or rod (Neoprene, butyl, or EPDM). Materials impregnated with oil, bitumen or similar materials shall not be used. Size and shape shall be as indicated by joint details on drawings and shall be as recommended by sealant manufacturer in writing.
   d. Interior: Latex, white at gypsum board to be painted. Dap, Pecora or equal.
3. EXECUTION
   a. Surfaces: Smooth, dry, firm and free from all loose materials, oils or other foreign matter.
   b. Joints or cracks to be caulked larger than 1/8" filled with rope or other filler to provide solid base of caulk.
   c. Provide caulking at the following locations: (This schedule is not to be construed to be complete. Provide caulking at other areas as required for a weather tight project.)
      1. Caulk around door frames.
      2. Control joints in masonry surfaces, interior and exterior.
      3. Control joints in concrete surfaces, interior and exterior.
      4. At joints between dissimilar materials.
      5. Threesolds
   d. Apply all sealants in strict accordance with manufacturer's written directions.

AS BUILT

PROFESSIONAL ENGINEER - STATE OF NEVADA - JAMES S TRIBOLET - 5/AL - CIVIL - No. 8920

JACK A. COHEN - REGISTERED ARCHITECT - No. 2307 - STATE OF NEVADA

18-13-37

REV.	DATE	BY	REVISION

DRAWN BY
DESIGNED BY
APPROVED BY

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TITLE SPECIFICATIONS

PROJECT 4 - I - 001 PARK SITE
GOWAN & TORREY PINES
LAS VEGAS, NEVADA
CHILDRENS MEMORIAL PARK

PROJECT NO.
DATE : 11 MAY 92
SCALE : NONE
JCA # 83892

SHEET A5
15 OF 38 SHEETS

650.35-VI