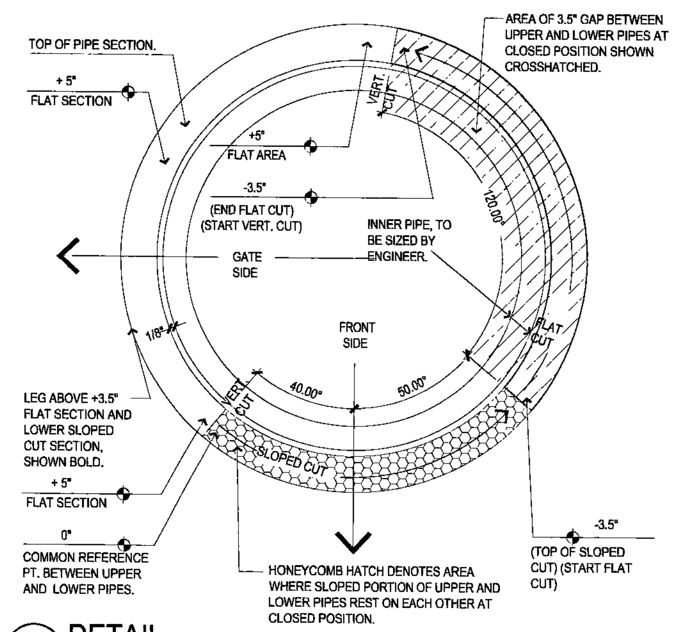
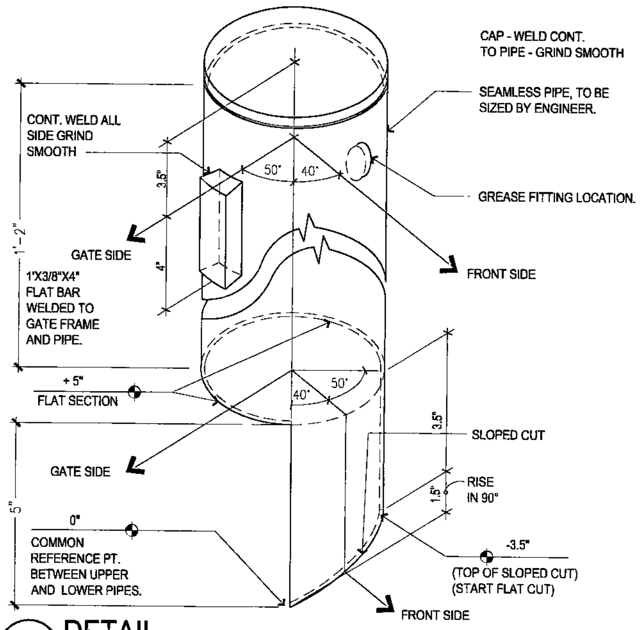
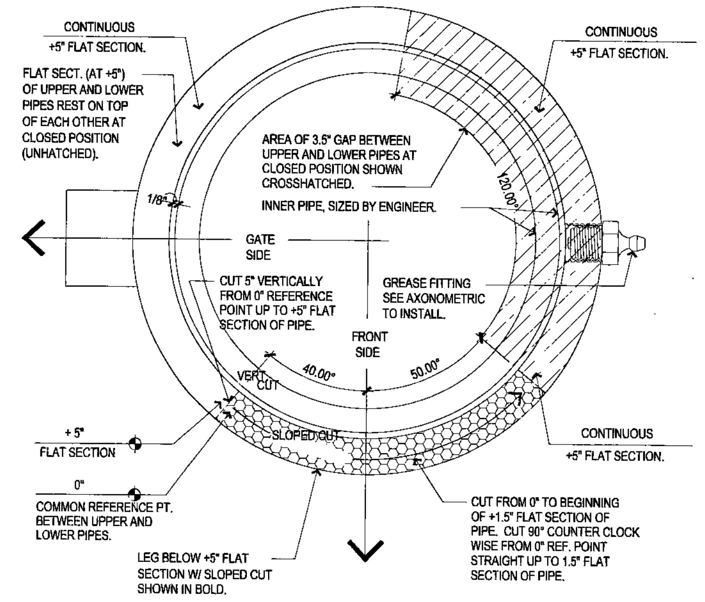


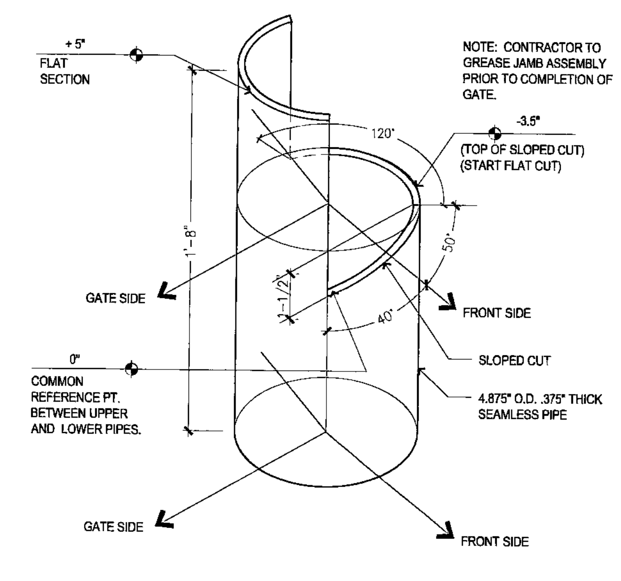
A1 DETAIL
TUBE "C" PLAN (ENCLOSED POSITION) 1'-0" = 1'-0"



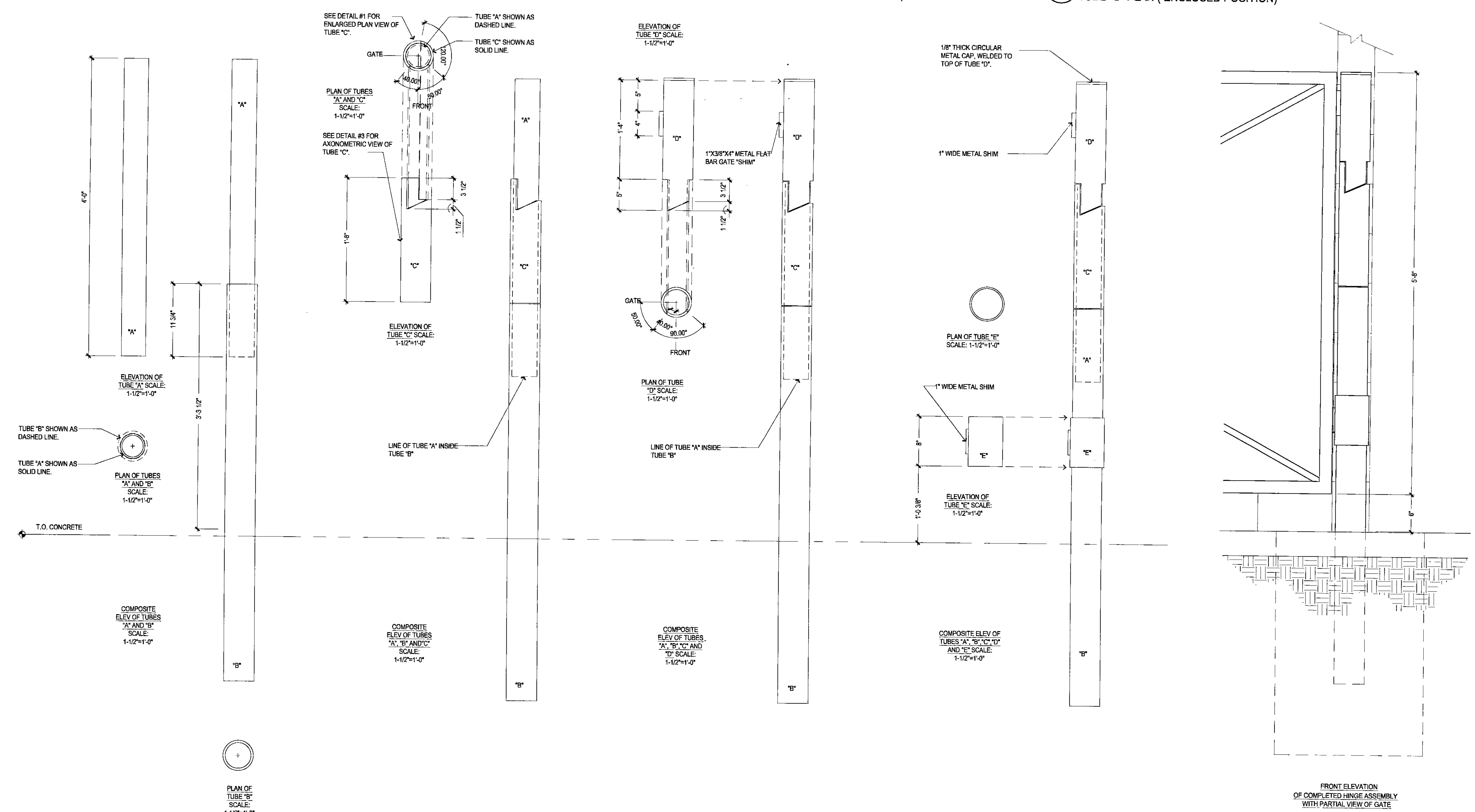
A2 DETAIL
TUBE "C" PLAN (ENCLOSED POSITION) 1'-0" = 1'-0"



A3 DETAIL
TUBE "C" PLAN (ENCLOSED POSITION) 1'-0" = 1'-0"



A4 DETAIL
TUBE "C" PLAN (ENCLOSED POSITION) 1'-0" = 1'-0"



FRONT ELEVATION OF COMPLETED HINGE ASSEMBLY WITH PARTIAL VIEW OF GATE

SCALE: 1-1/2"=1'-0"

STEP 1 FABRICATE TUBE "A" AT LENGTH SHOWN. DIAMETER OF TUBE TO BE DETERMINED BY THE CONSULTANT'S STRUCTURAL ENGINEER. TUBE SIZING SHALL BE SUPPORTED BY STRUCTURAL CALCULATIONS.

NEXT, FABRICATE TUBE "B" AT LENGTH SHOWN ABOVE AND INSERT TUBE "A" INTO TUBE "B". WELD TUB "A" TO TUBE "B" AS PER ENGINEER'S RECOMMENDATIONS, (PRIOR TO INSTALLING TUBE "C" OVER TUBE "A".)

LEAVE 1/16" GAP BETWEEN OUTSIDE WALL OF TUBE "A" AND INSIDE WALL OF TUBE "B" (GAP SHALL BE CONTINUOUS ALL AROUND TUBE.)

NOTES: * ALL WELDS SHALL BE GROUND SMOOTH AND GALVANIZED PAINT SHALL BE APPLIED AFTER WELDING IS COMPLETE AT ALL WELDED AREAS.

NOTES: * ALL PIPES SHOWN ON THIS PAGE SHALL BE CARBON MECHANICAL TUBING AS MFR.'D BY "MARMON/KEYSTONE", PHONE# (724)-283-3000 OR APPROVED EQUAL.

STEP 2: FABRICATE TUBE "C" AT LENGTH SHOWN. DIAMETER OF TUBE SHALL BE DETERMINED BY CLV CONSULTANT'S STRUCTURAL ENGINEER. CALCULATIONS. CUT TOP OF TUBE "C" WITH STEPPED AND SLOPED PROFILE, TUBE "C" IS THE STATIONARY BOTTOM HALF OF HINGE DESIGN.

TUBE "C" AND "B" SHALL HAVE IDENTICAL INNER AND OUTER DIAMETERS.

NEXT, SLIDE TUBE "C" OVER TUBE "A". WELD TUBE "C" TO TUBE "A" AT LOCATION SHOWN ABOVE, AND AS PER ENGINEER'S RECOMMENDATIONS.

IMPORTANT NOTE!!!: * DO NOT WELD ALONG ANY POINT AT TOP OF TUBE "C". TOP OF "C" MUST BE FREE OF ALL OBSTRUCTIONS, SO TUBE "D" CAN SLIDE OVER TUBE "C" EFFECTIVELY ALONG SLOPED AND FLAT INTERFACES FOR BOTH TUBES.

STEP 3: FABRICATE TUBE "D" AT LENGTH SHOWN. DIAMETER OF TUBE SHALL BE DETERMINED BY CLV CONSULTANT'S STRUCTURAL ENGINEER. CALCULATIONS. CUT BOTTOM OF TUBE "D" WITH STEPPED AND SLOPED PROFILE AS SHOWN IN TUBE "D" PLAN VIEW (DETAIL #2) AND TUBE "D" AXONOMETRIC (DETAIL #4).

NEXT, DRILL THREADED HOLE FOR "GREASE FITTING" AS SHOWN IN DETAILS #2 AND #4 AND INSERT THREADED GREASE FITTING. TUBE "D" IS THE ROTATING "UPPER HALF" OF THE HINGE DESIGN.

NEXT, WELD THE METAL FLAT BAR GATE "SHIM" TO TUBE "D" AT LOCATION SHOWN IN TUBE "D" AXONOMETRIC (DETAIL #4).

TUBE "C" AND "D" SHALL HAVE IDENTICAL INNER AND OUTER DIAMETERS.

NEXT, SLIDE TUBE "D" OVER TUBE "A". ALIGN SLOPED SECTION OF TUBE "D" WITH MATCHING SLOPED SECTION OF TUBE "C" AS SHOWN IN THE ABOVE DRAWING. TUBE "D" WILL ROTATE AROUND TUBE "A". IN THE ABOVE DRAWING. ALLOW CONT'S 1/16" GAP BETWEEN TUBE "D" AND "A".

STEP 4: FABRICATE 1/8" THK. CIRCULAR METAL CAP FOR TUBE "D" AND WELD CAP TO TOP OF TUBE "D" AS SHOWN ABOVE, SEE DETAIL #4.

NEXT, FABRICATE TUBE "E" (COLLAR HINGE) AT LENGTH SHOWN. THERE SHALL BE A CONTINUOUS 1/16" GAP BETWEEN THE INSIDE WALL OF TUBE "E" AND THE OUTSIDE WALL OF TUBE "A" TO ALLOW FOR TUBE "E" TO ROTATE AROUND TUBE "A".

NEXT, WELD THE METAL FLAT BAR GATE "SHIM" TO TUBE "E" AT LOCATION SHOWN ABOVE, CENTERED ON TUBE "E" (TOP TO BOTTOM).

NEXT, SLIDE TUBE "E" OVER BOTTOM OF TUBE "A" AND WELD FLAT BAR GATE "SHIM" TO THE TUBE STEEL PERIMETER FRAME OF TRASH GATE. SEE "COMPLETE ASSEMBLY" SHOWN AT ABOVE RIGHT. ENSURE TOP OF TUBE "C" IS FLUSH WITH TOP OF GATE FRAME AS SHOWN IN "COMPLETE ASSEMBLY", THEN WELD METAL FLAT BAR GATE SHIM ON TUBE"C" TO GATE FRAME. CONSULTANT'S ENGINEER IS TO PROVIDE ALL REQUIRED WELDS FOR GATE SHIMS.

IMPORTANT !!! READ !!! PRIOR TO WELDING GATE SHIMS TO GATE FRAME, FRAME UP FORM WORK FOR TRASH ENCLOSURE WALL FOOTING. THEN, FRAME UP FORM WORK FOR "GATE HINGE" FOOTING. SHORE UP "GATE HINGES" IN PRECISE LOCATIONS AS SHOWN IN TRASH ENCLOSURE PLAN (DETAIL #5). THE GATE HINGES ARE TO BE SHORED UP IN PLACE PRIOR TO FOOTING FOR TRASH ENCLOSURE WALL BEING POURED. THE FOOTING FOR THE "GATE HINGES" IS TO BE POURED AT SAME TIME AS THE TRASH ENCLOSURE WALL FOOTINGS. MAKE SURE TO SHORE UP THE GATE HINGES WITH THE "GATE SIDE", OF THE HINGE AT A 90° ANGLE TO THE SHORT WALLS OF THE TRASH ENCLOSURE (SEE DETAIL #5) AND (DETAILS #1 AND #2) TO LOCATE THE "GATE SIDE" OF THE HINGE IN PLAN VIEW. ENSURE HINGE SHIMS OF OPPOSING "GATE HINGES" ARE FACING EACH OTHER WHEN SHORED UP AND PRIOR TO POURING FOOTINGS.

IMPORTANT !!! READ !!! PRIOR TO WELDING GATE SHIMS TO GATE FRAME, FILL TUBES "A" AND "B" WITH CONCRETE AND CONSOLIDATE CONCRETE BY MECHANICAL VIBRATION. DO THIS AFTER FOOTINGS FOR WALL AND HINGES HAVE BEEN POURED.

E1 DETAIL
GATE HINGE COMPLETE ASSEMBLY 1/8" = 1'-0"

119795

PLANS APPROVED
ARCHITECTURAL
Building & Safety Dept.

GEC JAN 09 2008

Does Not Include Electrical, Plumbing, Mechanical, Structural or Off-Site Improvements Make No Change Without Approval Plan is Not a Permit to Violate Any Ordinance

REVISIONS

CONSULTANT

architecture
interiors
planning
engineering

Dekker Perich Sabatini

6850 Bermuda Road, Suite 100
Las Vegas, Nevada 89119
702.436.1006
fax 436.1050
info@dpsdesign.org

STUPAK COMMUNITY CENTER
250 WEST BOSTON AVENUE
LAS VEGAS, NEVADA 89102
SITE DETAILS

STAMP

REGISTERED ARCHITECT No. 3534 STATE OF NEVADA

9.3.07

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	DPS
FILE	
DATE	09.03.07
SCALE	
BID NO	06.15341.25
CLV DWG NO	650.39-2
SHEET NO	A093

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS. ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED. COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT.