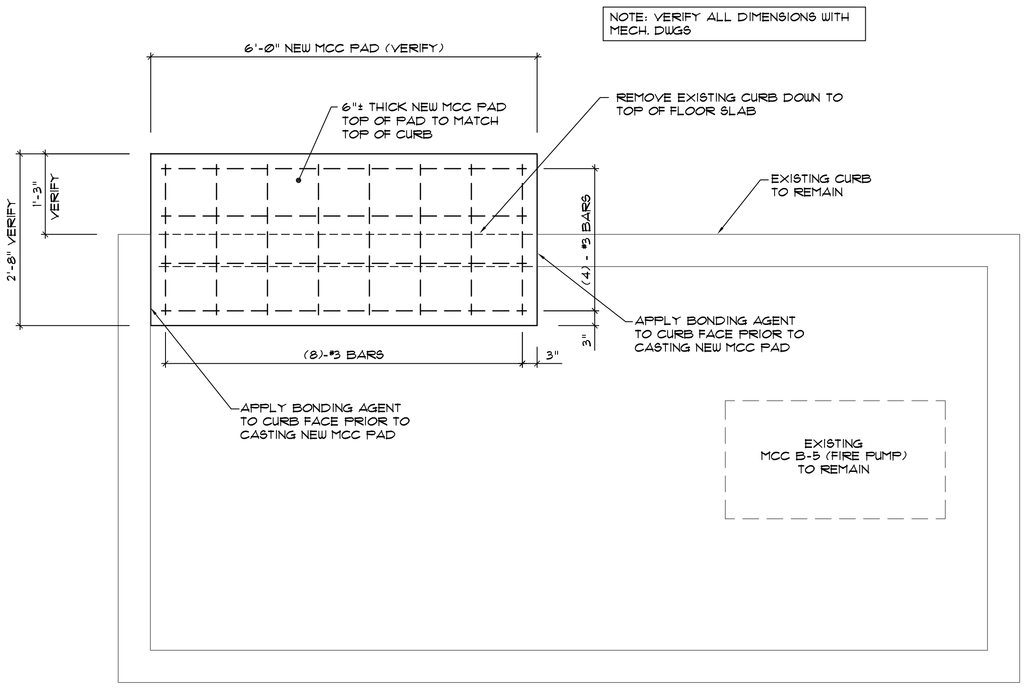
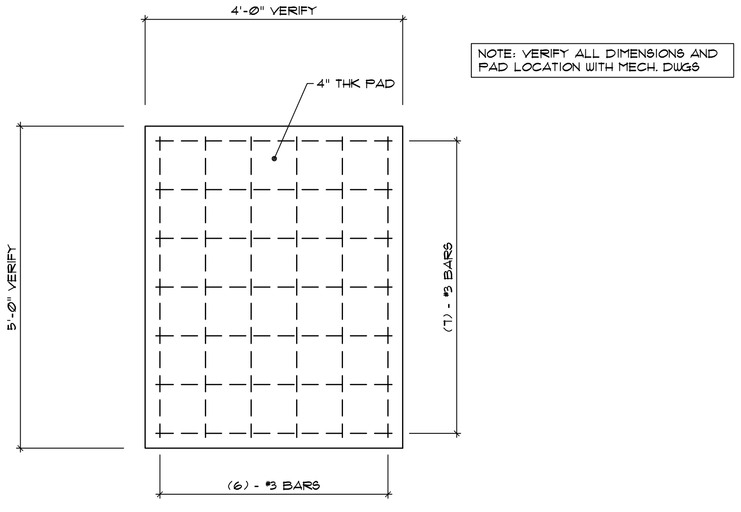


PARTIAL FLOOR PLAN - PUMP ROOM M003
NEW MCC EQUIPMENT PAD

A / S-101

SCALE: 3/4 = 1'-0"



PARTIAL FLOOR PLAN - PUMP ROOM M003
NEW PAD FOR SWITCHBOARD CDP-2

B / S-101

SCALE: 3/4 = 1'-0"

GENERAL NOTES

GN-1 DEFINITIONS:

PROJECT: AUDIE L. MURPHY VETERANS MEMORIAL HOSPITAL - MCC and SWITCHGEAR REPLACEMENT
ARCHITECT: WEST EAST DESIGN GROUP
ENGINEER: CUTLER - GALLAWAY SERVICES, INC.

GN-2 APPLICATION:

NOTES AND DETAILS ON THIS SHEET SHALL APPLY UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.

GN-3 CODES AND REGULATIONS:

CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS, AND GENERAL CONDITIONS OF THE CONTRACT DOCUMENTS. THE PROJECT HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

A. INTERNATIONAL BUILDING CODE (IBC) 2012.
B. "STEEL CONSTRUCTION MANUAL", LATEST EDITION AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
C. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318-11, AMERICAN CONCRETE INSTITUTE (ACI).

GN-4 SAFETY:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS OF THE CITY OF SAN ANTONIO, TEXAS AND ALL APPLICABLE OSHA REQUIREMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUATE DESIGN OF ALL FORMS, BRACING, AND SAFE CONSTRUCTION PROCEDURES.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR ARCHITECT WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. ORDERING OF MATERIAL OR CONSTRUCTION OF ANY PORTION OF THE STRUCTURE THAT IS IN CONFLICT, PRIOR TO RESOLUTION OF THAT CONFLICT SHALL BE AT THE FULL RISK OF THE CONTRACTOR

GN-5 DESIGN CRITERIA:

A. DEAD LOAD SHALL BE THE TOTAL WEIGHT OF THE MATERIALS FORMING THE PERMANENT PART OF THE BUILDING INCLUDING WALLS, FLOORS, ROOFS, CEILINGS, STAIRWAYS, AND FIXED SERVICE EQUIPMENT.
B. LIVE LOADS:
   1. FLOOR LOADS_____ 100 PSF (MECH. EQUIP.)
C. WIND CRITERIA PER IBC-2012 EDITION: NOT APPLICABLE (ALL WORK IS INTERIOR)
D. SEISMIC DESIGN CRITERIA: NOT APPLICABLE
E. SNOW LOAD CRITERIA: NOT APPLICABLE

GN-7 SITE OBSERVATION BY THE STRUCTURAL ENGINEER:

THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, AND SEQUENCING.

PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF CUTLER-GALLAWAY SERVICES, INC. IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK IS PROCEEDING IN GENERAL CONFORMANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK. IT SHOULD BE NOTED THAT CUTLER-GALLAWAY SERVICES, INC. WILL BE REQUIRED TO PROVIDE A LETTER TO THE CITY OF SAN ANTONIO REGARDING GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. AS SUCH, IT WILL BE INCUMBENT UPON THE CONTRACTOR TO REQUEST SITE OBSERVATIONS AT THE APPROPRIATE TIME SUCH THAT THE WORK CAN BE REVIEWED PRIOR TO BEING COVERED UP.

CONCRETE NOTES

C-1 CONCRETE MATERIALS SHALL BE AS FOLLOWS.
MIN. COMP. STRENGTH AT 28 DAYS: 3000 PSI
SLUMP RANGE: 3"-5"
PORTLAND CEMENT ASTM C150, TYPE I/II
FLY ASH ASTM C618, 20% MAXIMUM BY WEIGHT
WATER/CEMENT-FLY ASH = .045 MAXIMUM
NO ENTRAINED AIR PERMITTED
3/4" NORMAL WEIGHT AGGREGATE
REINFORCING PER PLANS AND SCHEDULE

C-2 PERFORM CONCRETE WORK IN ACCORDANCE WITH ACI 301 (LATEST EDITION) "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE" UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.

C-3 MINIMUM REINFORCING BAR COVER FOR CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:
1" FOR SLABS OR WALLS NOT EXPOSED TO EARTH OR WEATHER

C-4 DO NOT SPLICE REINFORCING BARS.

C-5 SECURE ALL REINFORCING, INCLUDING WWF, IN POSITION WITH CHAIRS BEFORE CONCRETE PLACEMENT.

C-6 FREE WATER ON THE SLAB SURFACE DURING FINISHING OPERATIONS IS PROHIBITED.

C-7 PROTECT AND CURE ALL CONCRETE SURFACES. BEGIN CURING SLABS IMMEDIATELY AFTER FINISHING.

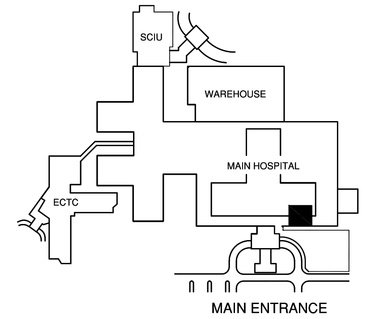
C-8 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 40 OR 60.

C-9 CHAMFER EXPOSED EDGES OF CONCRETE 3/4-INCH, UNLESS NOTED OTHERWISE.

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS ARE NOT REQUIRED BECAUSE WORK IS OF A MINOR NATURE.
(REF. IBC 2012, SEC. 1704.2, EXCEPTIONS.)

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THOMAS M. GALLAWAY, P.E. 35387, ON 02 JULY 2014.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.



Revisions:	Date

CONSULTANTS:

cutler-gallaway services, inc.

Structural Engineers
12001 Network Blvd, Ste 310
San Antonio, Texas 78249
Ph. 210/496-3326
CGS PROJ. NO. 14230

Concur M & O	Approved: Service Chief	
Concur Bio-Med	Approved: Service Chief	
Concur Safety	Approved: Service Chief	
Approved: Service Chief	Approved: Service Chief	
Approved: Service Chief	Approved: Chief of Staff	

ARCHITECT:

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200 E. GRAYSON ST., SUITE 207, SAN ANTONIO, TEXAS 78215 USA
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Drawing Title:

Approved Project Director:

Project Title: DESIGN REPLACEMENT FOR MCC AND SWITCHGEAR

Location: Audie L. Murphy Memorial Veterans Hospital, San Antonio, Texas

Date: 02 July 2014 | Checked: TG | Drawn: AC

Project Number: 671-14-106
Building Number: 1
Drawing Number: S-101
Dwg. of

Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978