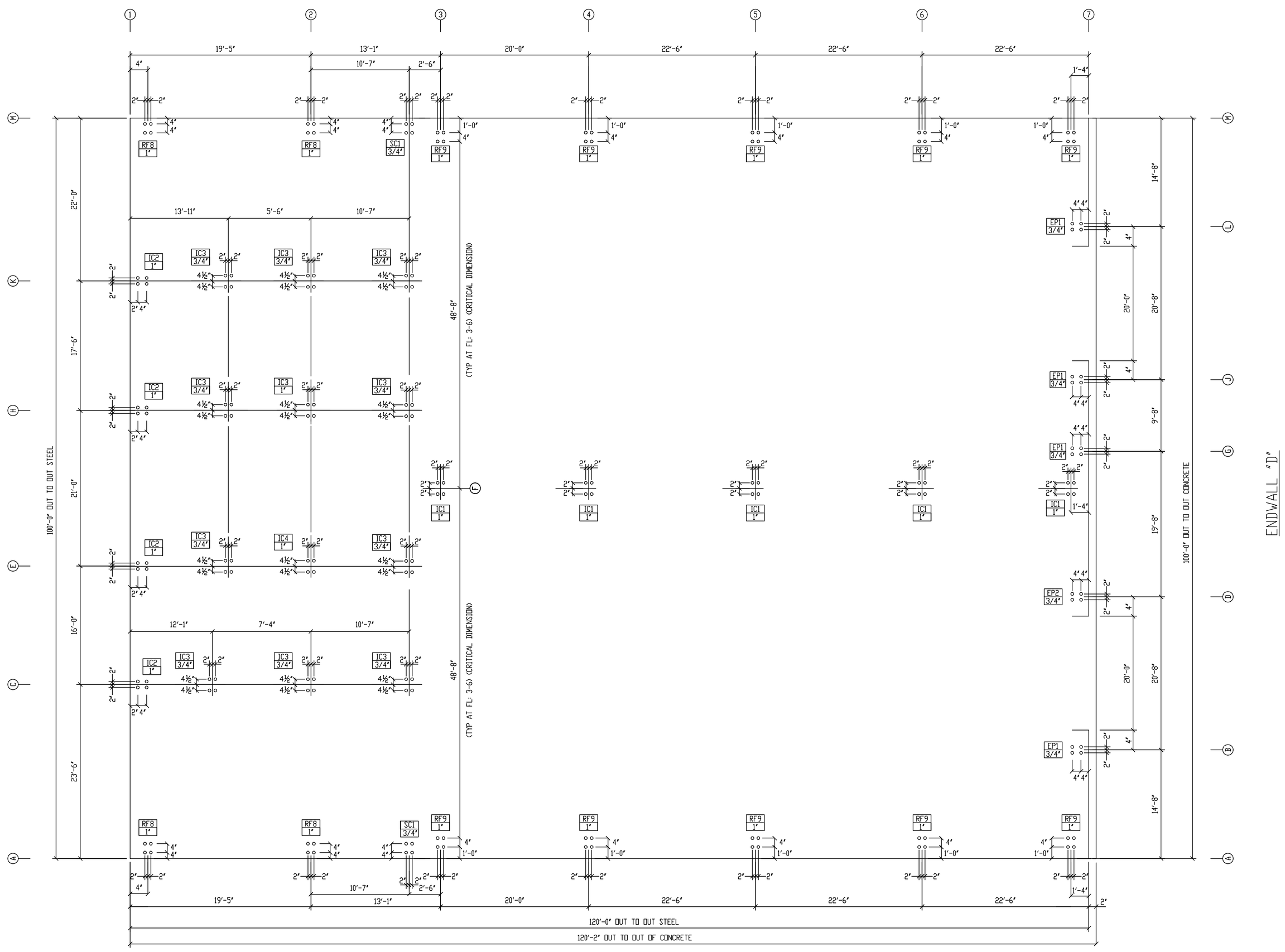
SIDEWALL "B"



SIDEWALL "A"

ANCHOR BOLT PLAN

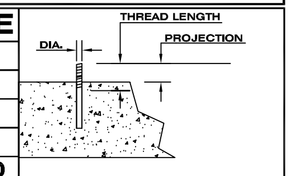
FINISHED FLOOR ELEVATION = 100'-0" (UNLESS NOTED)

BASE PLATE ELEVATION = 100-'0" UNLESS OTHERWISE NOTED

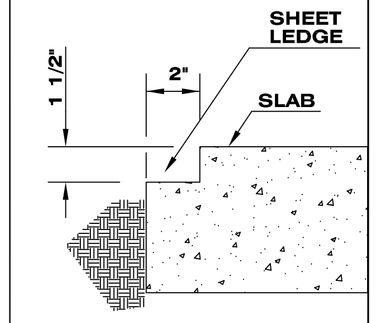
NOTE:
1) ANCHOR BOLT DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC (FY = 36 KSI)
2) ANCHOR BOLT LENGTH AND METHOD OF TRANSFERRING FORCES FROM ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.

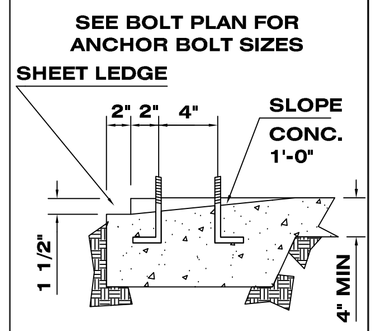
ANCHOR BOLT SCHEDULE

DIAMETER	THREAD	PROJECTION	QTY.
1/2"	2"	1 1/2"	4
5/8"	2"	1 1/2"	
3/4"	2"	1 1/2"	68
1"	2 1/2"	2"	100

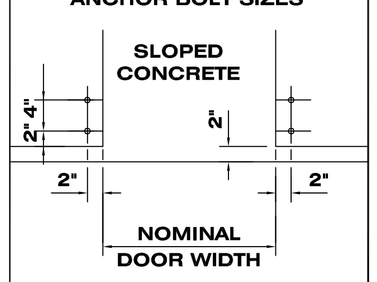


ANCHOR BOLT DETAIL

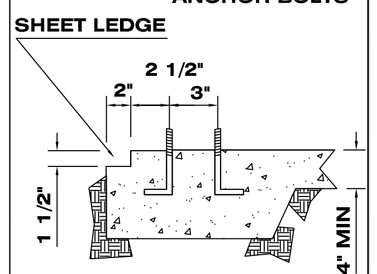




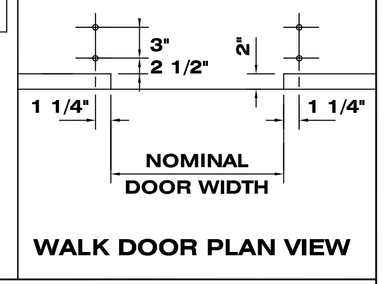
OVERHEAD DOOR CROSS SECTION



OVERHEAD DOOR PLAN VIEW



WALK DOOR CROSS SECTION



WALK DOOR PLAN VIEW

FOR APPROVAL ONLY
DO NOT USE TO SET FORMS OR POUR FOUNDATION

GOVERNING CODE (CODE/YEAR):IBC00
ROOF LIVE LOAD:20 (psf)
LIVE LOAD REDUCTION: YES
COLLATERAL LOADS:3 (psf)
FLAT ROOF SNOW,Pf :3.5 (psf)
SNOW EXPOSURE FACTOR,C_e :1.0
SNOW IMPORTANCE FACTOR,I :1.0
THERMAL FACTOR,C_t :1.0
GROUND SNOW,Pg :5.00 (psf)
SEISMIC IMPORTANCE FACTOR,I :1.0
MAPPED SPECTRAL ACCELERATIONS: Ss = 14.4 S1 = 6.2

BASIC WIND SPEED:130 (mph)
WIND IMPORTANCE FACTOR,I :1.0
WIND EXPOSURE:C
INTERNAL PRESSURE COEF. :±0.55
SEISMIC USE GROUP:1
S_{DS}: 0.154 (g) S_{D1}: 0.099 (g)
SIGHT CLASS:D (UNKNOWN)
SEISMIC DESIGN CATEGORY :B

BASIC SEISMIC-FORCE RESISTING SYSTEM:
ORDINARY STEEL MOMENT FRAMES
– SEISMIC RESPONSE COEFFICIENT, Cs = 0.0384
– RESPONSE MODIFICATION FACTOR, R = 4.0
ORDINARY STEEL CONCENTRICALLY BRACES FRAMES
– SEISMIC RESPONSE COEFFICIENT, Cs = 0.0307
– RESPONSE MODIFICATION FACTOR, R = 5.0

DESIGN BASE SHEAR 2.5 KIPS/FRAME @ LINE 1
DESIGN BASE SHEAR 4.9 KIPS/FRAME @ LINE 2
DESIGN BASE SHEAR 1.3 KIPS/FRAME @ LINES 3–6
DESIGN BASE SHEAR 1.1 KIPS/FRAME @ LINE 7

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

AUXILLARY LOADS:
(2) 10 TON TOP RUNNING CRANES (CRANE WT. 10,200# MAX)
(1) AC UNIT – 750# (MAX) – LOCATION AS PER DWGS. (PLATFORM AND PLATFORM SUPPORTING BEAMS ARE BY OTHERS)

MEZZANINE: 80 PSF LIVE LOAD, 40 PSF DL

BOLT MATERIAL-ASTM A36
CONCRETE STRENGTH-3000 PSI.
HOOK OR BEND PER A.I.S.C. BLD'G CODE OR GOVERNING CODE

NOTE:
1. DESIGNED WITHOUT VISITING THE SITE OF INSTALLATION.
2. SEALING OF THESE DRAWINGS DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE RUFFIN BUILDING SYSTEMS ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. FURTHERMORE, SEALING OF THESE DRAWINGS DOES NOT IMPLY RESPONSIBILITY OF ANY AREA, EXCEPT THE STRUCTURAL STEEL DESIGN SPECIFICALLY SHOWN ON THESE SIGNED DRAWINGS.
3. QUALITY CONTROL AND ASSURANCE FOR SITE ADAPTION, COMPETENT FOUNDATION, ERECTION, MATERIALS, AND COMPLIANCE WITH APPLICABLE CODES TO BE ACCOMPLISHED BY OTHERS.
4. HARDWARE SUCH AS WINDOWS, OVERHEAD DOORS, AND ASSOCIATED ATTACHMENTS THAT ARE SUPPLIED BY OTHERS MUST HAVE THE SAME LEVEL OF WIND RESISTANCE AS WALL PANELS.

APPROVED

PROFESSIONAL ENGINEER

NO.	REVISION	DWN.	CKD.	DATE

DRAWN BY JA | DATE 7-20-06 | SCALE N.T.S.
CHECKED BY JA | DATE 7-20-06
PERMIT/APP. BY | DATE | CHECKED BY | DATE

RUFFIN BUILDING SYSTEMS
Hwy. 2 West -- Oak Grove, La. -- (318)428-2305

FACADAISC.BMP
FACADMEMA.BMP

JOB NAME: PLATFORM CRANE
JOB LOCATION: SLIDELL, LA

TITLE: **ANCHOR BOLT PLAN**

JOB	SHEET	REV.
R-2150	A1 OF 3	0