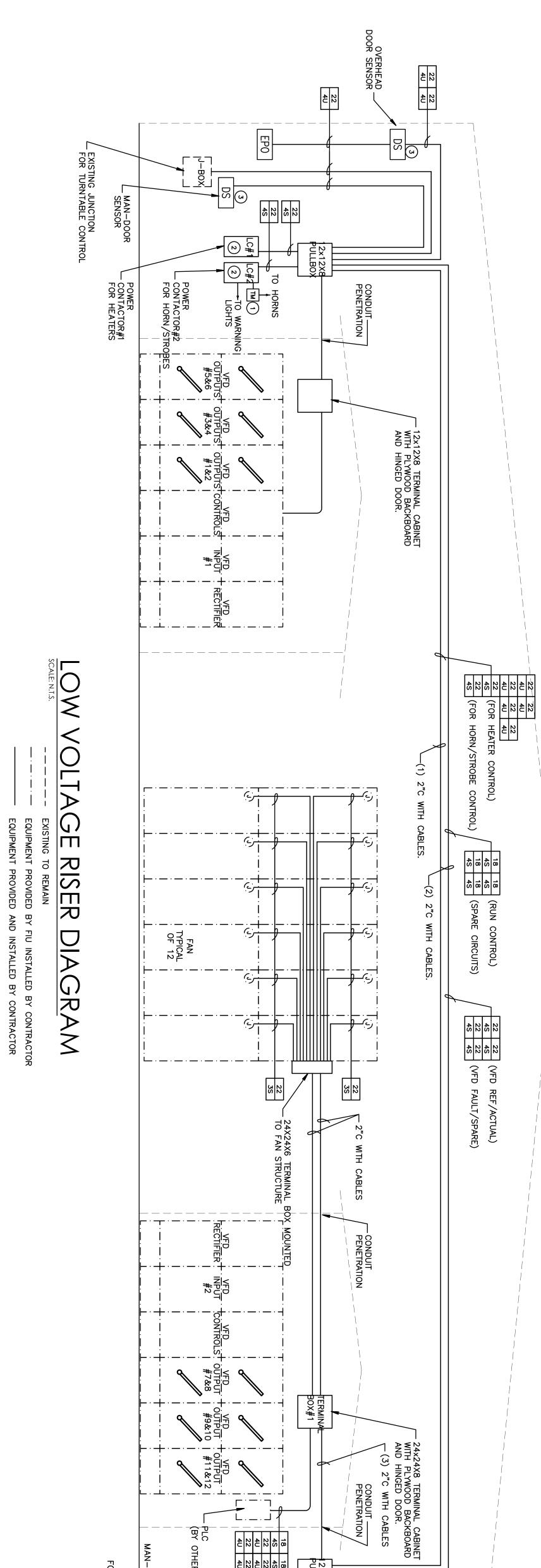


THE ENCLOSURE HANGAR EXTERIOR WALL WALL WALL WALL WALL WALL WALL WAL	KEY NUTLES NO RECEPTACLE WRESAND CONDUTS TO BE REMOVED AS NEEDED. IT TO REMAIN FUNCTIONAL. CAND 324" CONDUIT FOR VED'S CONTROL WRES. PROVIDE PULL STRING. VERIFY EXAMPLE TEMPORATIVE FOR VED'S CONTROL AND FUNC REFERENCE DE 3/4" CONDUIT FAN HEALENES TO SHALL AF FOR POWER OF TEMMAN, BOX FOR CONTROLS. SEE RISER TO PAREL A FOR POWER HORE LUGH. CERTING CONTROLS. SEE RISER TO PAREL A FOR PORTOR SHALL CIRCUIT FAN HEATERS TO CIRCUIT NUICATED WA WORTOR SHALL CIRCUIT FAN HEATERS TO INTI- TOSHIBA AND CORONALL DERING 2/12.1/12.0 IN 1/2"C TO MEAREST GENEFAL WE HORE INFORMATION. TERMINAL BOX DE 2/12.1/12.0 IN 1/2"C TO MEAREST GENEFAL WE TOR WHAT DE 2/12.1/12.0 IN 1/2"C TO MEAREST GENEFAL WE TOR WORE INFORMATION. TERMINAL BOX OR CONTROLS. SEE FLACO FOR WORE INFORMATION. TERMINAL PROVIDE LUGW VOLTAGE TERMINAL BOX OR 1-BOX. SEE FLACO FOR WORE INFORMATION.	IGHTING FIXTURE SCHEDULE
ELECTRICAL FLOOR PLAN PERMIT/BID DOCUMENTS E-2	WALL OF WIND TO DESIGN AT FIU COLLEGE OF ENGINEERING AND COMPUTING 10555 W. FLAGER STREET MIAMI, FL 33174 DATE: 06-12-2008 Note: 06-12-2008 USUED FOR BID 05-28-09 O5-28-09 O5-28-09 O5-28-09 D5	DELTA G CONSULTING ENGINEERS, INC. 707 N.E. SED. AVE., SUITE 200 FORT LAUDERDALE, FL 3304 (954) 527-1112 / (954) 524-7505 FAX DRAWN DS CHECKED MAG CHECKED MAG MAG NCHARE CUTTA, P.E. FORMA LICENSE #00755 DATE: 09/25/09





					•	re so vfd	RN CONTROL ONTROLLED BY	
CAT	22 3U	22 3S	22 4∪	22 4S	18 4∪	18 4S	DESIG.	
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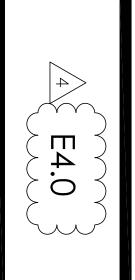
ତ	ΞŊ	EPO	DS	
RED WARNING	WARNING HORN	EMERGENCY PO	DOOR SENSOR	

	KEY
	NOTES

PROVIDE TIMER 1-30 SEC RANGE FOR HOI

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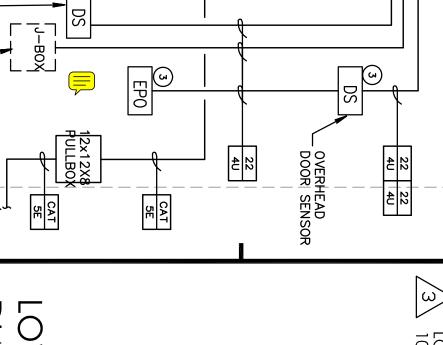
PROVIDE 24VOLT COIL WITH CONTACTOR. CO PLC. PROVIDE SET OF DOOR CONTACTS AND WIR CANNOT OPERATOR UNLESS DOOR IS SHUT.



A NEW SHEET ADDED

PERMIT/BID DOCUMENTS

LOW VOLTAGE RISER DIAGRAM



12x12X8 PULLBOX

CONDUIT ______

 \mathbb{N}

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MAN-DOOR SENSOR

FLOOR

FOR TURNTABLE CONTROL

EXTEND TO REMOTE CONTROL TRAILER FOR VFD CONTROL

- PLC (BY OTHERS).

3 2 1ISSUED FOR BID 05-28-09 FIU PERMIT COMMENTS REV. 08-13-09 LOW VOLTAGE REV. 10-09-09 ADDENDA #1 VE REV. 09-15-09

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DATE: 06-12-2008

College of Engineering and Computing 10555 W. Flagler Street MIAMI, FL 33174

DESIGN AT FIU б

WALL OF WIND

22 22 Т 22 22 18 NO NO YES YES YES NO I 3/4"IMC 3/4"IMC 3/4"IMC 3/4"IMC 3/4"IMC 3/4"IMC 3/4"IMC PROVIDE TERMINATIONS

NOTE 1: ALL CABLES SHALL BE 300 VOLT RATED. NOTE 2: ALL CABLE SHALL BE STRANDED TINNED COPPER. NOTE 3: ACCEPTABLE MANUFACTURERS ARE WEST PENN WIRE AND BELDEN. NOTE 4: CONTRACTOR SHALL CONFIRM CABLE TYPE AND TERMINATIONS WITH VFD INSTALLATION COMPANY PRIOR TO ORDERING. NOTE 5: CONTRACTOR MAY COMBINE CABLES INSIDE LARGER CONDUIT WHERE INDICATED.

WARNING HORN 110 DB RED WARNING LIGHT. EMERGENCY POWER OFF BUTTON

LEGEND



(954) DELTA G CONSULTING ENGINEERS, INC. 707 N.E. 3RD. AVE., SUITE 200 FORT LAUDERDALE, FL 33304 954) 527-1112 / (954) 524-7505 FAX

S MG

CHECKED DRAWN DESIGNED

CA#00009181 PJT. MGR: MICHAEL GUIDA PROJECT #: 080302

MAG

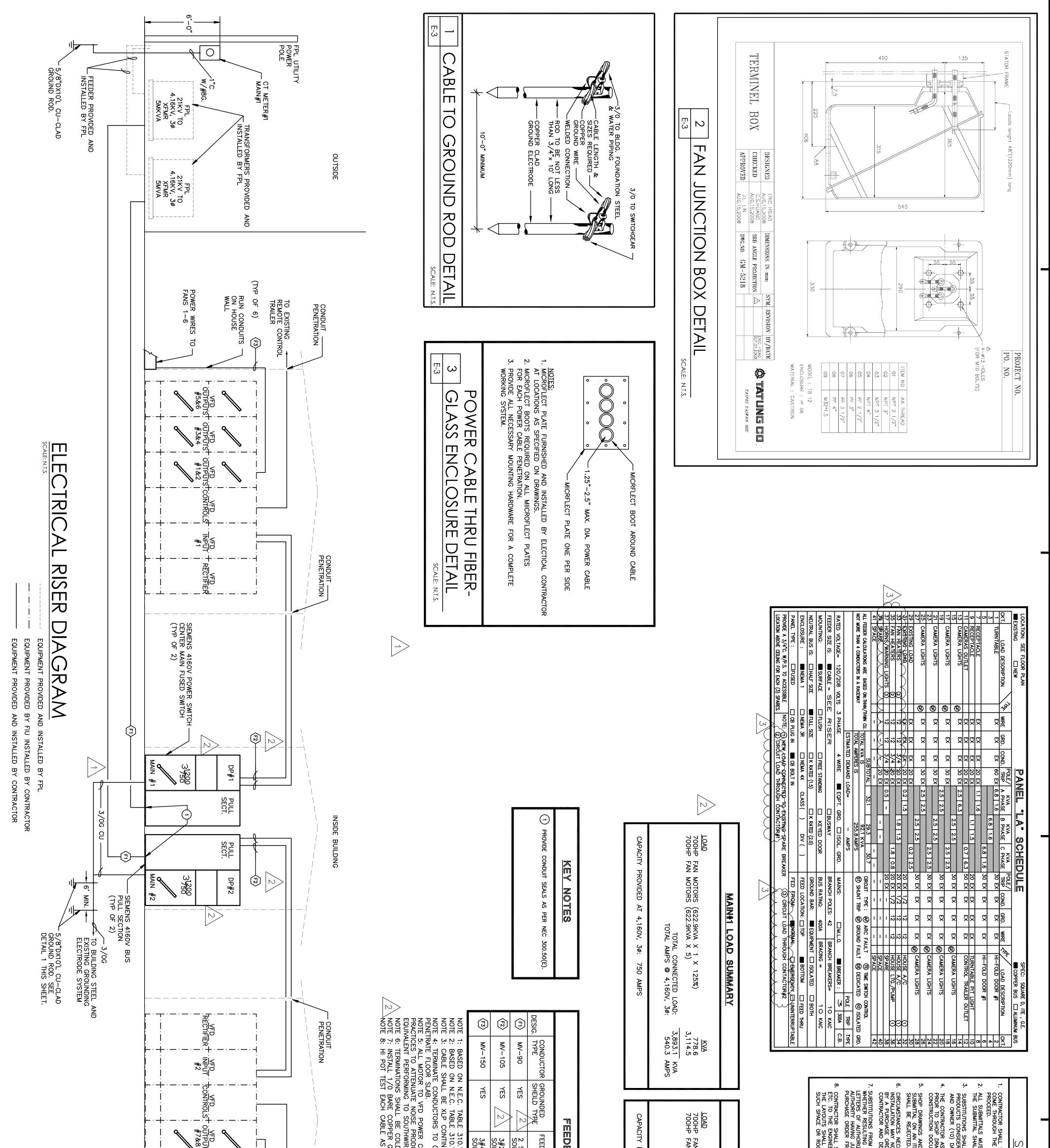
MICHAEL FLORIDA DATE: , GOIDA, P.E. LICENSE #60 09/25/09

NOTES

MIN. CONDUIT

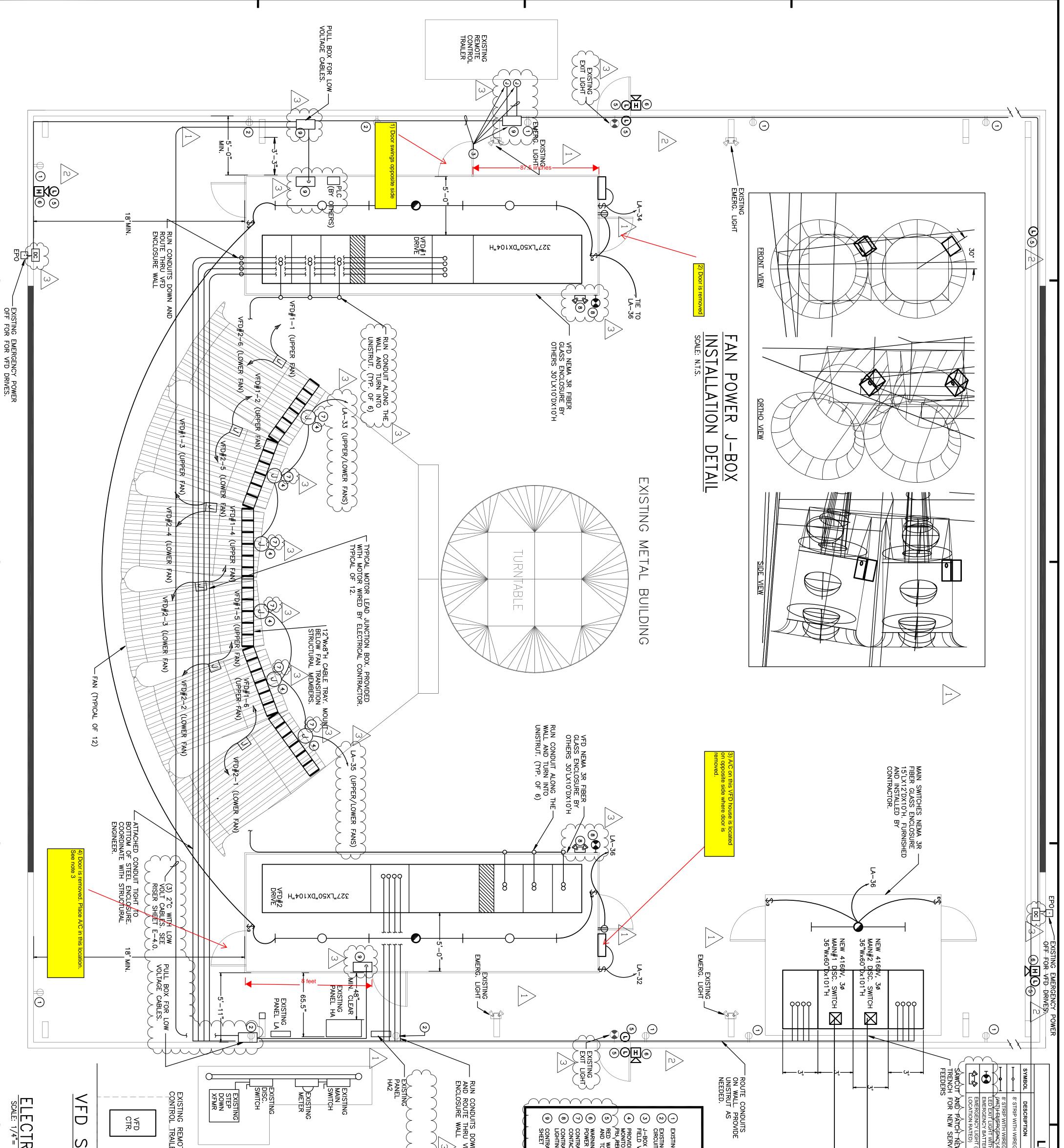
CABLE GAGE (AWG) 18 TWISTED SHIELDED PAIR SCHEDULE

BER OF DUCTORS



E3.0

	TO EXISTING REMOTE CONTROL TRAILER (F3) (TVP OF 6) (NH HOUSE WALL POWER WIRES TO FANS 7-12 FLOOR	0.77 0.73 INUOUS SHIELDED CABLE FOR VFD DRIVES. COMPLY WITH NEC 310.60 AND SEAL CONDUITS WHERE THEY CABLES AND TERMINATION SHALL BE INSTALLED WITH BEST DDUCED BY PWM INVERTER IN VFD DRIVE. CABLES SHALL BE IRE ARMOR-X-HLO9ET 5KV RATED. LD SHRINK TYPE EQUAL TO 3M MV TERMINATION KIT 5701. GROUNDING CONDUCTOR SIZED PER NEC 250-122. (S PER SPEC. SECTION 16085. CONDUIT PENETRATION	EDER SETS OF 3"RGS EACH WITH 3#250KCMIL OUTHWIRE MODEL#07XT W143G IN TRIPLEX ARMOR-X CABLE OUTHWIRE MODEL#HLX09ET OUTHWIRE MODEL#HLX09ET OUTHWIRE MODEL#HLX09ET	DER SCHEDULE	MAIN#2 LOAD SUMMARY AN MOTORS (622.9KVA X 1 X 125%) KVA TOTAL CONNECTED LOAD: 778.6 TOTAL AMPS @ 4,160V, 30: 3,893.1 KVA 540.3 Y PROVIDED AT 4,160V, 30: 750 AMPS	SPDER ORDER FROM THE CONTRACTOR. THE REVISION SHALL BE CHARGED TO THE DELIVERED TO HIM ON A C.O.D. BASIS. M THE BASE DESIGN OR VARIATIONS TO THE PERMITTED CONTRACT DOCUMENTS, G FROM PROCESSED SHOP DRAWINGS OR NOT, THAT RESULT IN REQUIREMENTS IN RIZATION AND/OR PERMIT CONTRACT DOCUMENT CHANGES MANDATED BY THE JURISDICTION WILL NOT BE MADE BY THIS OFFICE UNLESS ACCOMPANIED BY A FROM THE CONTRACTOR, AND RELEASED ON A C.O.D. BASIS. L SUBMIT 5 COPIES OF EQUIPMENT LAYOUTS OF ALL ELECTRICAL SPACES, ROOMS, WEER FOR APPROVAL PRIOR TO ORDERING EQUIPMENT OR INSTALLING CONDUITS, ETC. L CONSIST OF PLAN VIEWS AT A SCALE OF 1/2" = 1'0" AND ELEVATIONS FOR EACH ROOM, ETC.	ALL BE LIMITED TO ONE OF THE ALTERNATES LISTED IN THE CONSTRUCTION DOCUMENTS. DERED TO BE EQUAL SHALL BE REVIEWED AND ACCEPTED BY THE ENGINEER, ARCHITECT DAYS PRIOR TO BID DATE. ASSUMES ALL DESIGN RESPONSIBILITY AND ALL FINANCIAL RISKS FOR PROCEEDING RAWINGS PROCESSING, AND ON ANY ITEM OR WORK THAT IS AT VARIANCE TO THE CUMENTS. THE SUBMITTALS FOR EACH ITEM SHALL BE REVIEWED NO MORE THAN TWICE. A THIRD ITEM MUST BE ACCOMPANIED BY A PURCHASE ORDER FROM THE CONTRACTOR OR IT D. NOT BE ACCEPTED. IF ACCEPTED IT MUST BE LEGIBLE, ACCURATE AND ACCOMPANIED	SHOP DRAWING REQUIREMENTS L SUBMIT 6 COPIES OF COMPLETED SHOP DRAWINGS, TOGETHER AT ONE TIME AND MUST HE ARCHITECT. ALL SUBMITTALS SHALL BE MADE WITHIN 30 DAYS OF NOTICE TO IUST CLEARLY INDICATE EXACTLY WHICH ITEMS ARE BEING PROPOSED FOR USE. IF NOT, MALL BE REJECTED.
PERMIT/BID DOCUMENTS	ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULE	DATE: 06-12-2008 R E V V V V V V ISSUED FOR BID 05-28-09 05-28-09 V <td< th=""><th>DESIGN AT FU COLLEGE OF ENGINEERING AND COMPUTING 10555 W. FLAGLER STREET MIAMI, FL 33174</th><th>WALL OF WIND TO</th><th>MICHAEL GUDA, P.E. FLORDA LICENSE #60755 DATE: 09/25/09</th><th></th><th>DELITA G CONSULTING ENGINEERS, INC. 707 N.E. 3RD. AVE., SUITE 200 FORT LAUDERDALE, FL 33304 (954) 527-1112 / (954) 524-7505 FAX</th><th>DELTA G CONSULTING ENGINEERS, INC.</th></td<>	DESIGN AT FU COLLEGE OF ENGINEERING AND COMPUTING 10555 W. FLAGLER STREET MIAMI, FL 33174	WALL OF WIND TO	MICHAEL GUDA, P.E. FLORDA LICENSE #60755 DATE: 09/25/09		DELITA G CONSULTING ENGINEERS, INC. 707 N.E. 3RD. AVE., SUITE 200 FORT LAUDERDALE, FL 33304 (954) 527-1112 / (954) 524-7505 FAX	DELTA G CONSULTING ENGINEERS, INC.



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