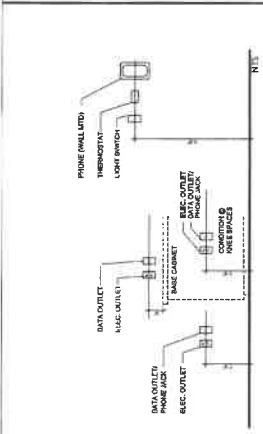
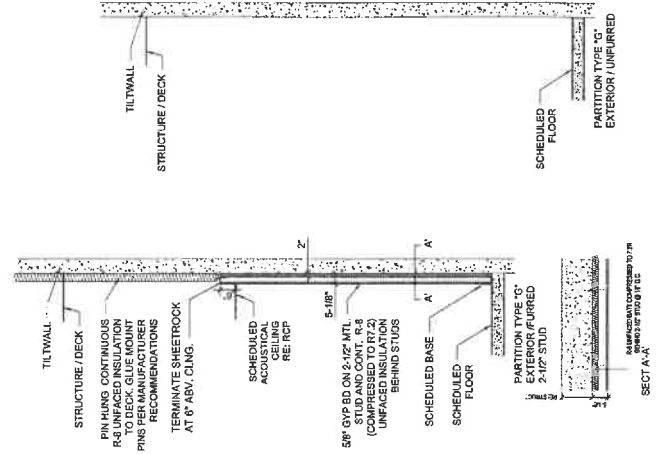


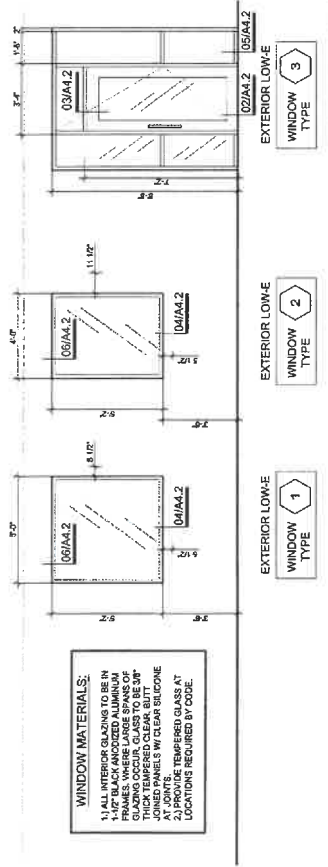
Copyright © 2019 Urban Construction Services, Inc. All Rights Reserved. Urban Construction Services, Inc. is a registered trademark of Urban Construction Services, Inc. All other trademarks are the property of their respective owners. This document is for informational purposes only and does not constitute an offer of any financial product or service. It is not intended to be used as a basis for any investment decision. It is not a contract. It is not a recommendation. It is not a solicitation of an offer. It is not a guarantee. It is not a promise. It is not a statement of fact. It is not a statement of opinion. It is not a statement of intent. It is not a statement of belief. It is not a statement of knowledge. It is not a statement of understanding. It is not a statement of feeling. It is not a statement of attitude. It is not a statement of behavior. It is not a statement of character. It is not a statement of personality. It is not a statement of identity. It is not a statement of status. It is not a statement of position. It is not a statement of power. It is not a statement of influence. It is not a statement of authority. It is not a statement of responsibility. It is not a statement of accountability. It is not a statement of transparency. It is not a statement of integrity. It is not a statement of honesty. It is not a statement of truth. It is not a statement of justice. It is not a statement of equity. It is not a statement of fairness. It is not a statement of balance. It is not a statement of harmony. It is not a statement of peace. It is not a statement of love. It is not a statement of compassion. It is not a statement of empathy. It is not a statement of sympathy. It is not a statement of understanding. It is not a statement of connection. It is not a statement of relationship. It is not a statement of community. It is not a statement of society. It is not a statement of humanity. It is not a statement of world. It is not a statement of universe. It is not a statement of everything. It is not a statement of nothing. It is not a statement of anything. It is not a statement of everything. It is not a statement of nothing. It is not a statement of anything.



04 | TYP. OUTLET MOUNTING HEIGHTS



02 | WALL TYPES



03 | WINDOW TYPES

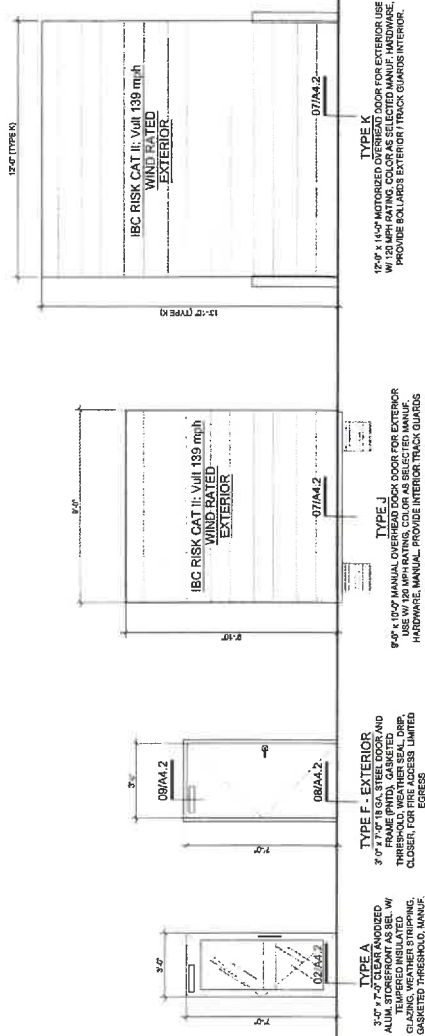
HUMBLE COMMERCE CENTER

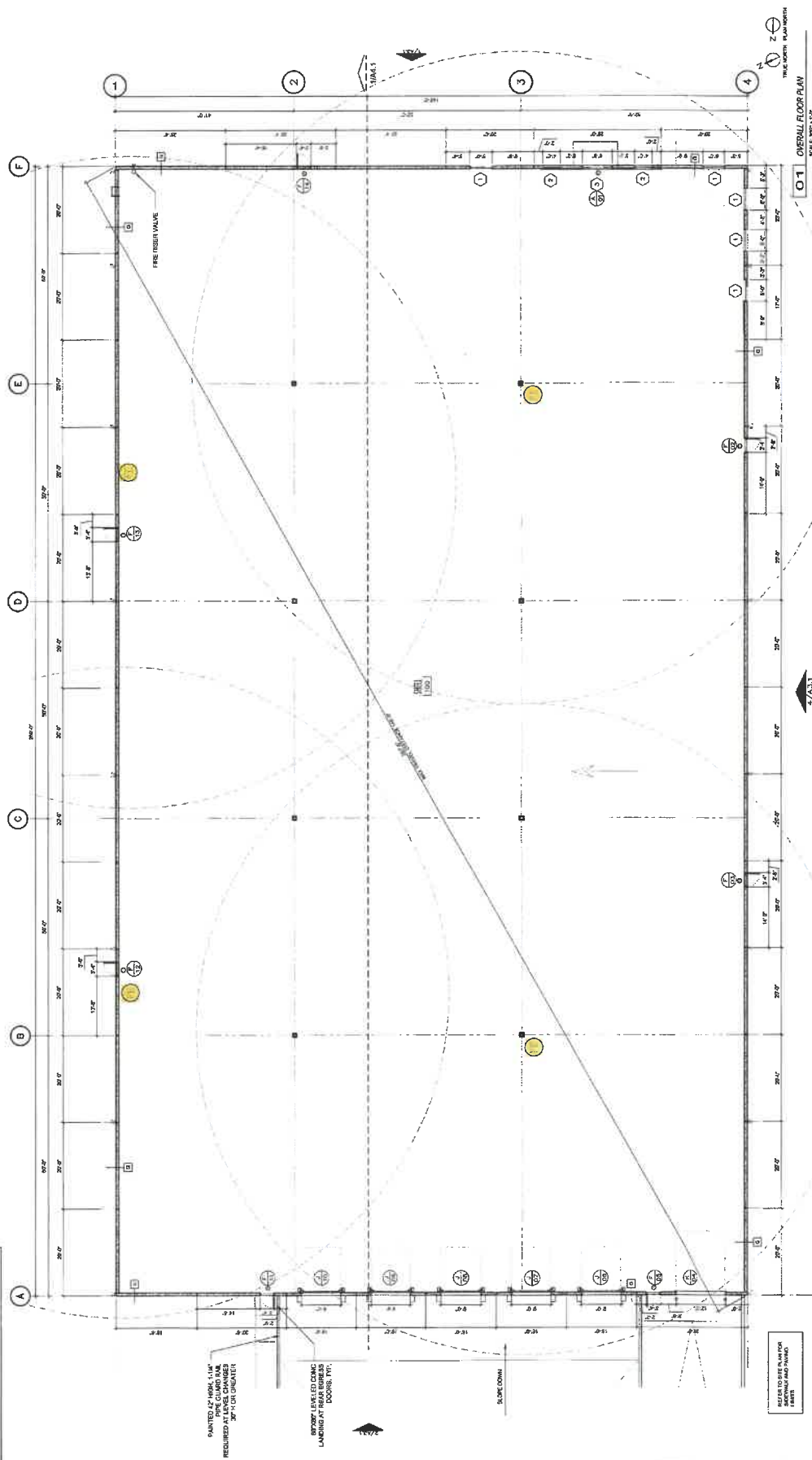
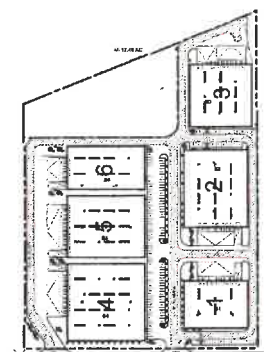
BUILDINGS 1 - 6
HUMBLE TX 77396



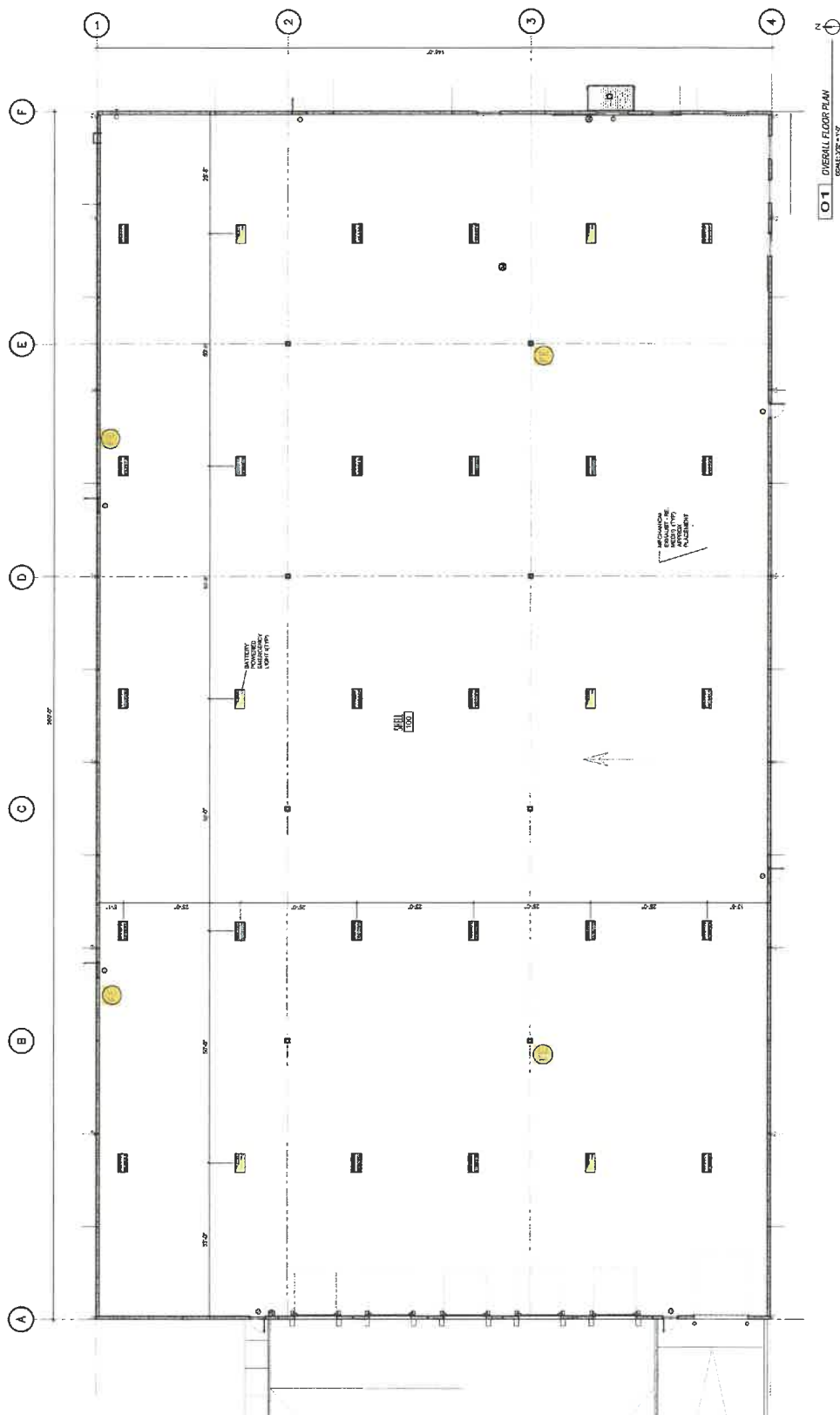
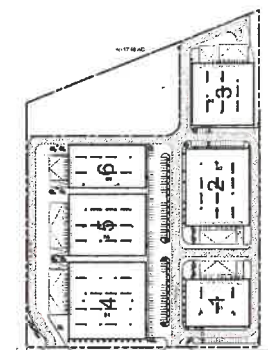
WALL, DOOR & WINDOW TYPES
SCALE: AS SHOWN

01 | DOOR TYPES





LEGEND WINDOW TYPE, RE, A/D WALL TYPE, RE, A/D DOOR TYPE, RE, A/D TRENCH, RE, DIA, I MAIL LOCK OR DATA BY TENANT AIR DROP AS DEF. FINISHED PARTITION TO BECK 1-HL RE, A/D DATA OUTLET POWER CONDUIT DATA TO EQUIPMENT UNDER SLAB EXIT MAIN FIRE EXTINGUISHER EYE WASH ONLY FIRE WASH POWER FLOOR DRAIN	NOTES 1. SUSPECT AIRPORT RESTROOM ACCESSORY AND 2. INCUBATORS CONDUIT TO BE DETERMINED BY TRENCH - RECORD AS BUILT CONDITION. COORD AIR CONTRACT TO SHAPE POWER CONDUIT TRENCH
--	--

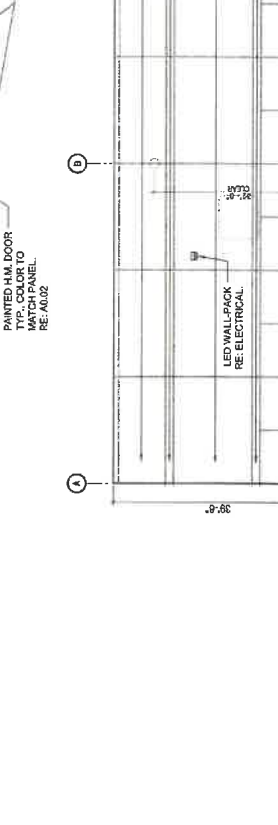
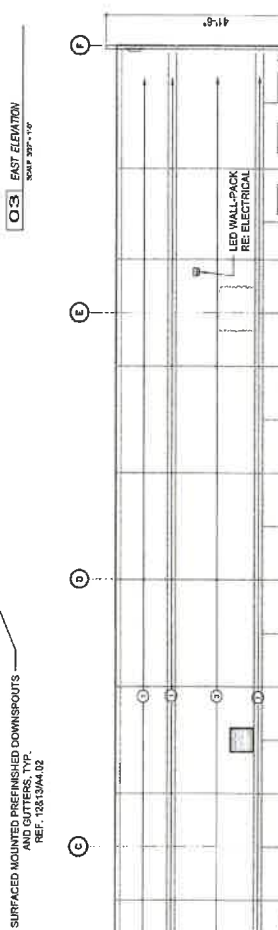
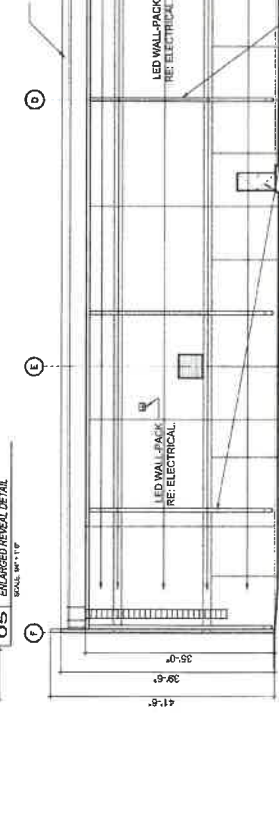
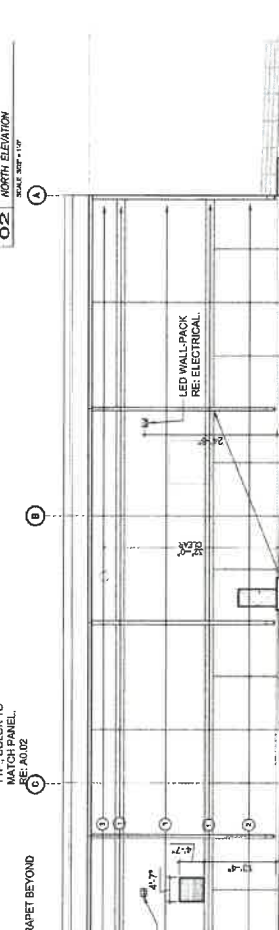
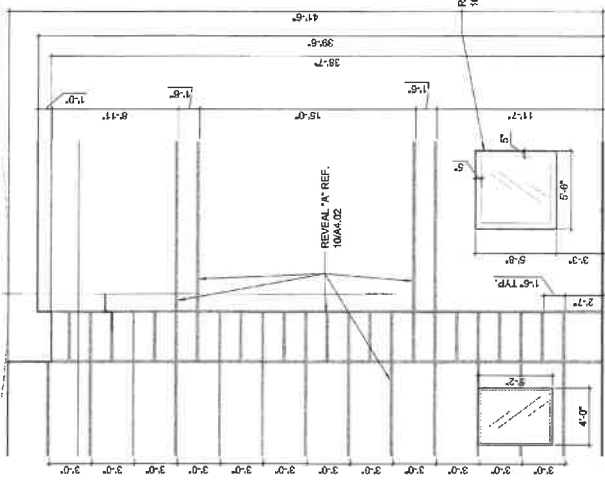
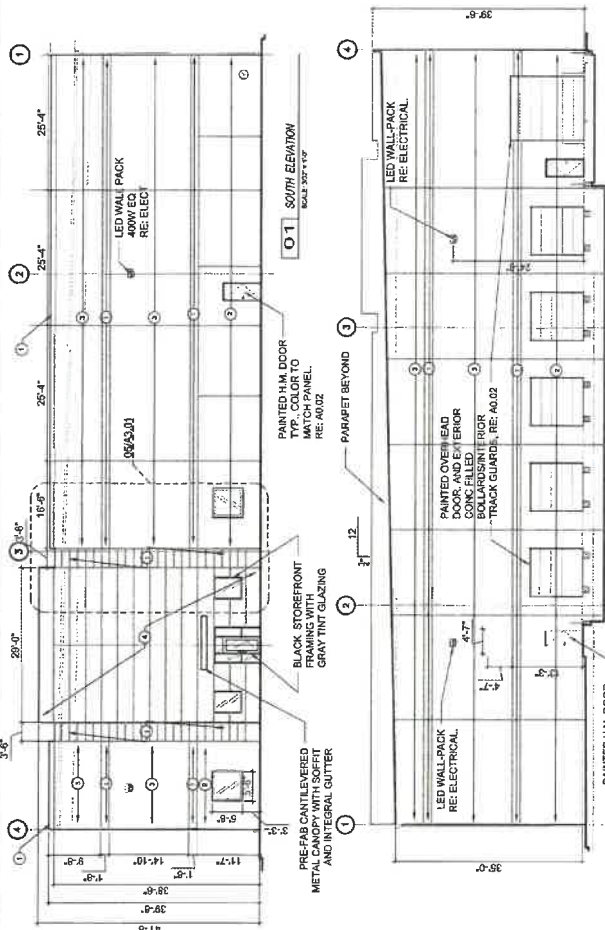
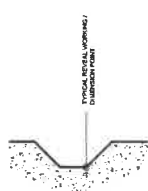


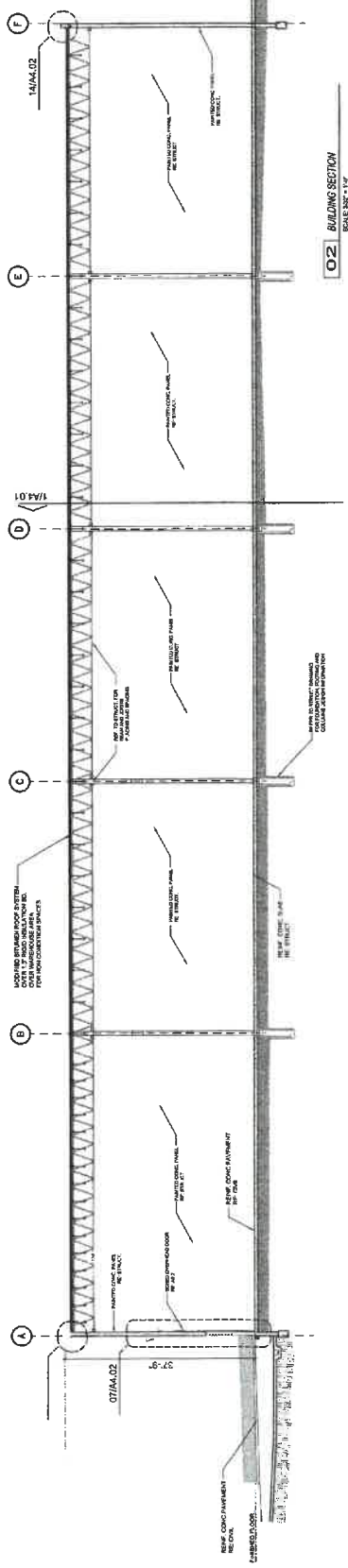
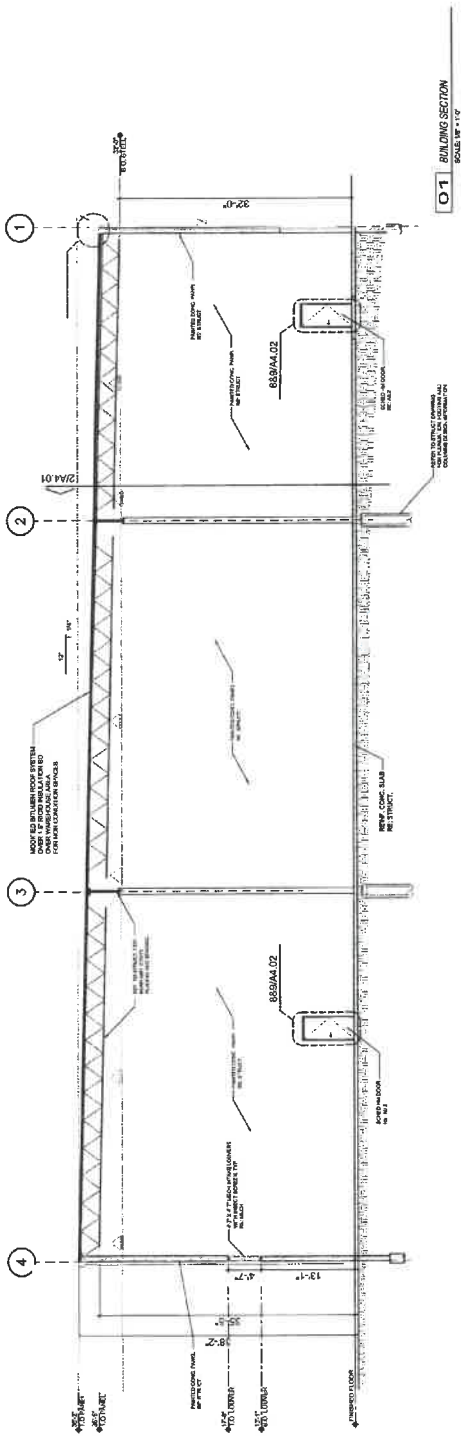
O1 OVERALL FLOOR PLAN
SCALE: 1/8" = 1'-0"

 $\ominus z$

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON, TEXAS, AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON, TEXAS, AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON, TEXAS, AND THE STATE OF TEXAS.

- 1. DARK GRAY - SHOWN VOLUME BY THE EXTERIOR SURF
- 2. MEDIUM GRAY - SHOWN VOLUME BY THE INTERIOR SURF
- 3. LIGHT GRAY - SHOWN VOLUME BY THE INTERIOR SURF
- 4. WHITE - AS INDICATED





- NOTES
- ① DENOTES STEEL COLUMN.
SEE SHEET S-1 FOR STEEL COLUMN SCHEDULE.
S.C.J. INDICATES LOCATIONS OF SLAB CONTRACTION JOINTS. SEE SECTIONS 04/32 AND 04/33. SAW CUT CONTROL JOINTS AS SOON AS POSSIBLE AFTER FINISHING CONCRETE - MAXIMUM DELAY IS 6 HOURS.
FOOTINGS ARE LABELED THIS (16/44)-SEE DETAIL 01/33.
FTG. FROM SHEET DA. → FTG. DIMENSION

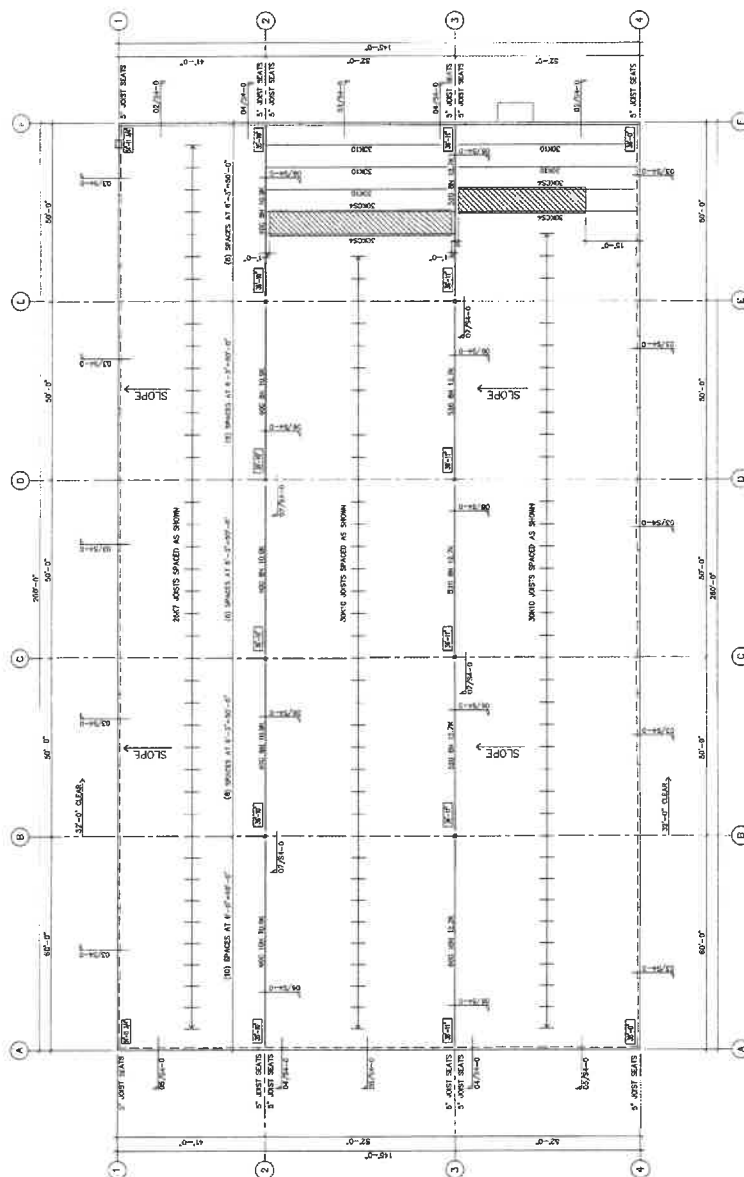
[illegible]

HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77396



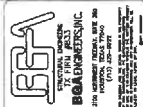
**BUILDING 6
ROOF FRAMING
PLAN**

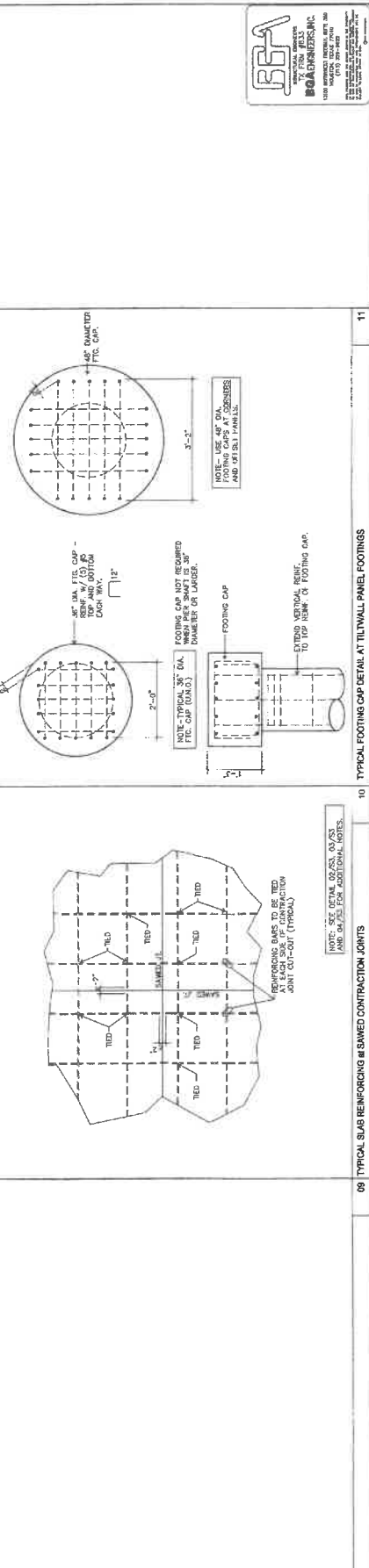
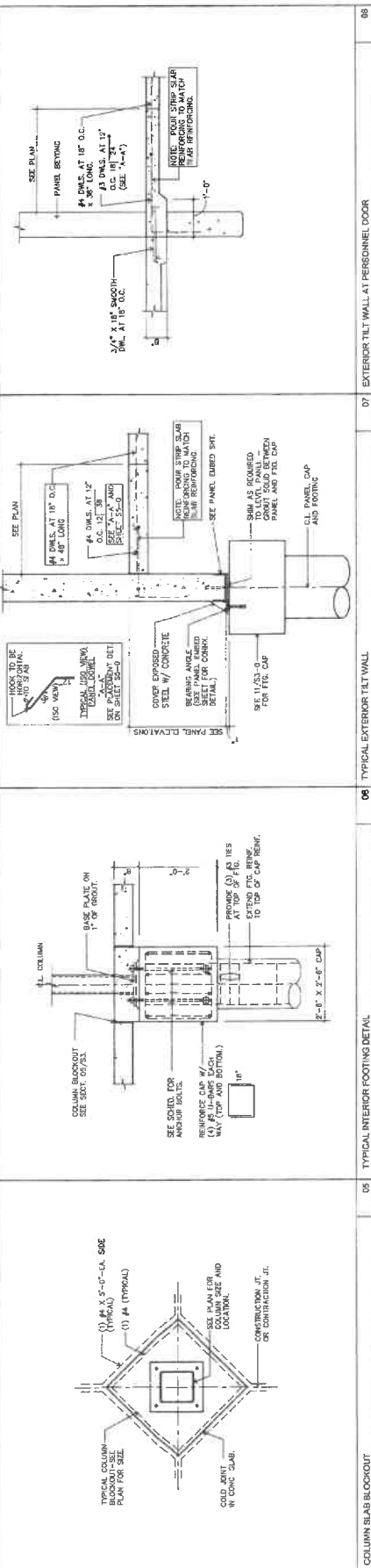
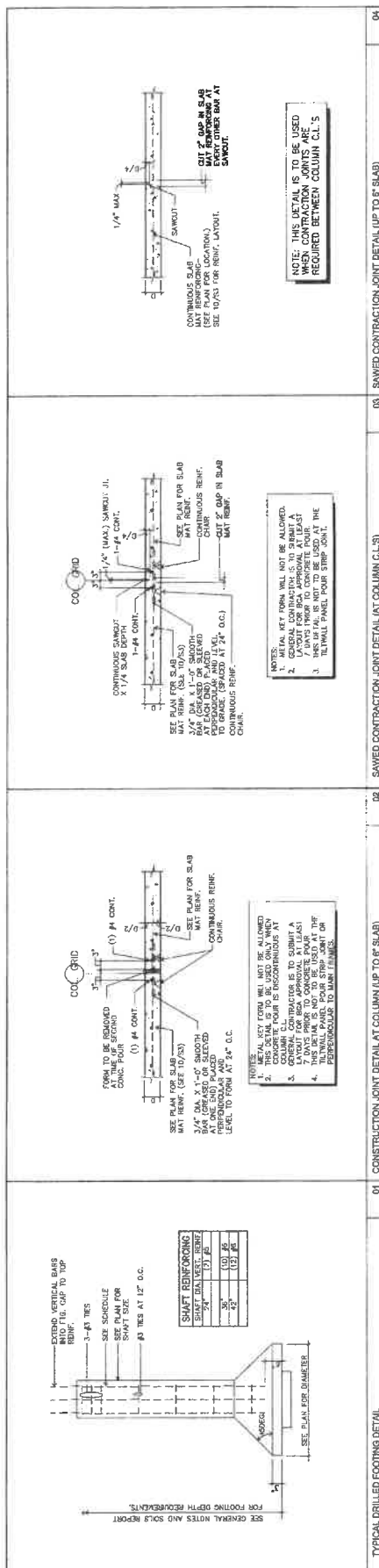
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-10-2001 BY 60322 UCBAW

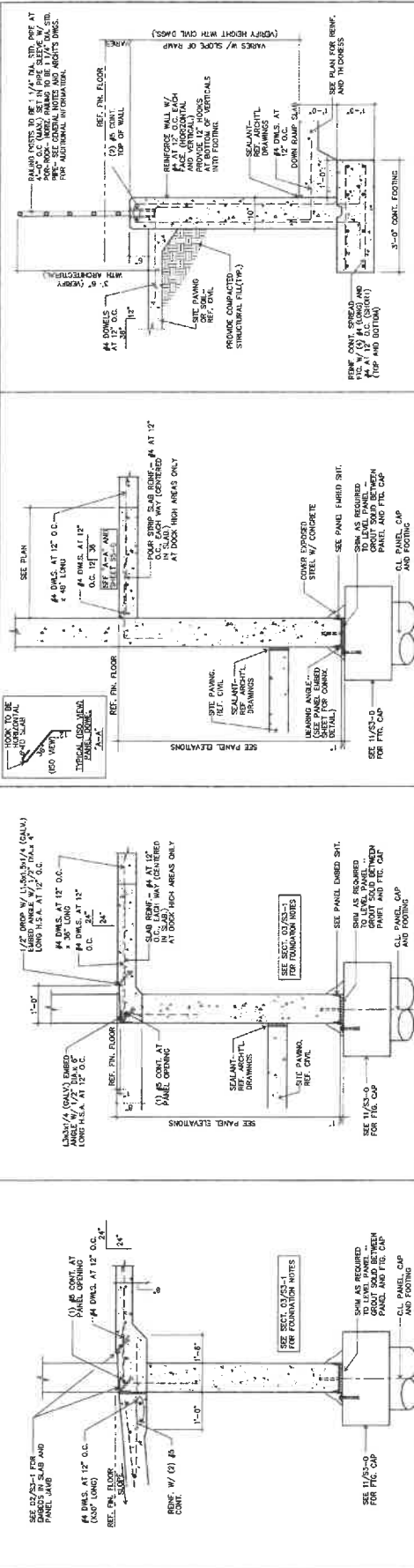


- NOTES**
- ELEVATIONS OF SURFACE SHALL BE FINISHED CONCRETE FORMATION.
- ALL SOIL BRIDGING TO BE REMOVED.
- SEE DETAIL 9076-0 FOR STEEL FRAMING TO COLUMN CONNECTION DETAILS.
- SEE DETAIL 9076-0 FOR STEEL FRAMING TO COLUMN CONNECTION DETAILS.
- BUILDING IS DESIGNED FOR 30'-0" CLEAR HEIGHT PLUS THE SPEED BAY.
- (FORWARD AT ALL WORK COMPARTMENT LOCATIONS)
- F. MECHANICAL ZONE:
FOR EACH JOIST HAS BEEN DESIGNED
FOR A MAXIMUM LOAD OF 1,500 LBS/LOCATED ANYWHERE
(MULTIPLE UNITS ARE ALLOWED).
- G. C. TO VERIFY WITH MECHANICAL CONTRACTOR MECHANICAL UNIT DATA FOR WEIGHTS FOR UNIT AND JOIST FRAME THIS.
- H. SEE DETAIL 1754-0 FOR TYPICAL SECTION THROUGH WALL AND ROOF (FORWARD AT ALL WORK COMPARTMENT LOCATIONS)

BUILDING 6 ROOF FRAMING PLAN
SCALE 1/8"=1'-0"







HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77396

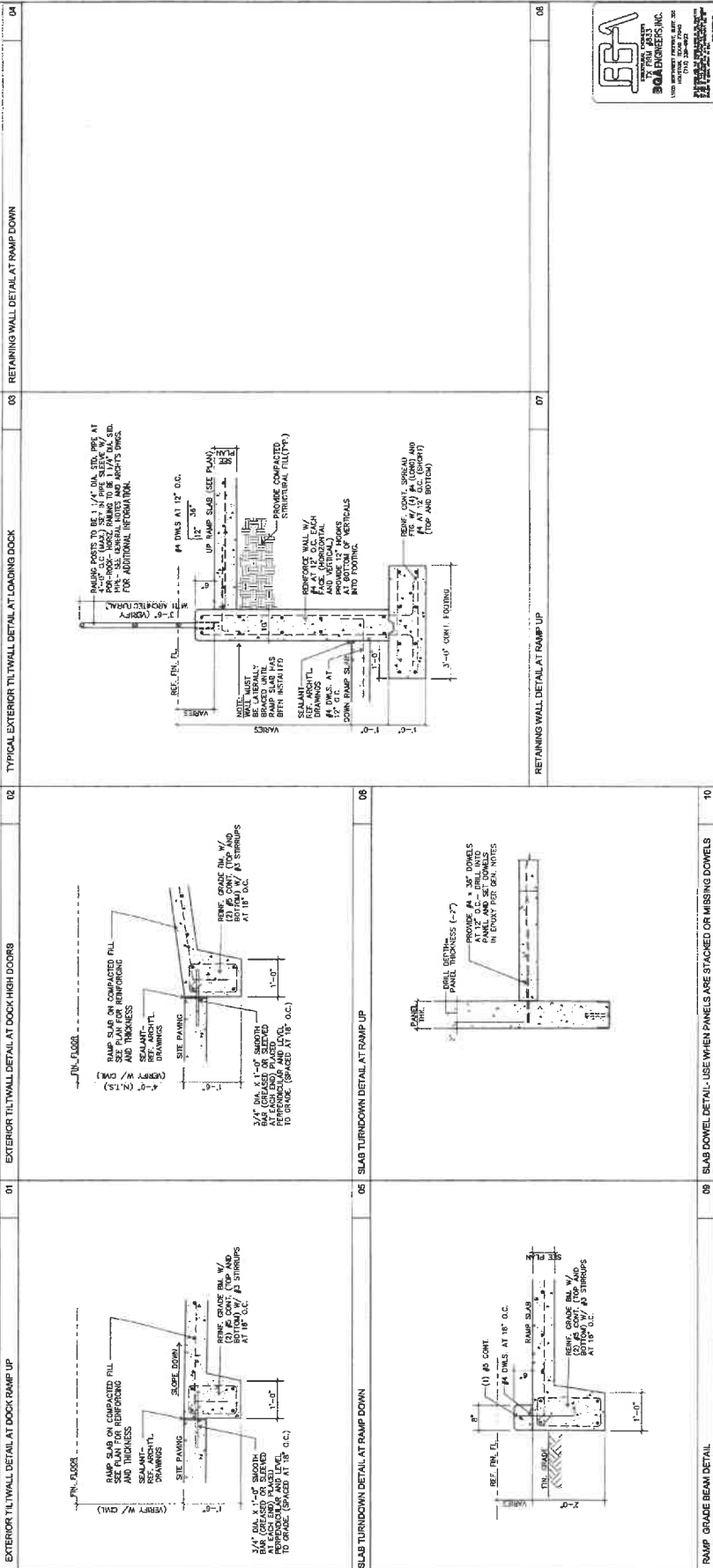


3GA 423038-86

BUILDING 6
SECTIONS

2016-11-10

S3-1



DATE	REVISION
07/20/21	PERMIT SET

HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77396



BUILDING 6
SECTIONS

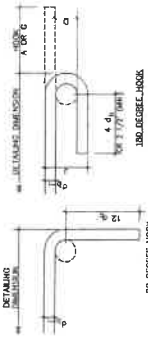
S3-2



TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS - NORMAL WEIGHT CONCRETE

BAR SIZE	F _y = 5000		F _y = 6000		BAR SIZE
	1.0 Ld	1.3 Ld	1.0 Ld	1.3 Ld	
#3	18"	24"	18"	24"	#3
#4	24"	32"	24"	32"	#4
#5	30"	40"	30"	40"	#5
#6	36"	48"	36"	48"	#6
#7	42"	54"	42"	54"	#7
#8	48"	60"	48"	60"	#8
#9	54"	66"	54"	66"	#9
#10	60"	72"	60"	72"	#10
#11	66"	78"	66"	78"	#11

- NOTES:**
1. THE ABOVE DEVELOPMENT LENGTH AND LAP SPICE LENGTH TABLE IS FOR NORMAL WEIGHT CONCRETE (14.5 KSI) WITH A MINIMUM OF 4% STEEL RATIO.
 2. ALL TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS ARE IN INCHES.
 3. ALL TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS ARE IN INCHES.
 4. FOR TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS IN FEET, DIVIDE THE INCH VALUE BY 12.
 5. FOR TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS IN FEET, DIVIDE THE INCH VALUE BY 12.
 6. FOR TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS IN FEET, DIVIDE THE INCH VALUE BY 12.
 7. THIS TABLE APPLIES TO GRADE 60 REINFORCING ONLY.



RECOMMENDED END HOOKS - ALL GRADES

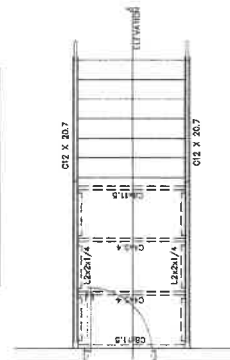
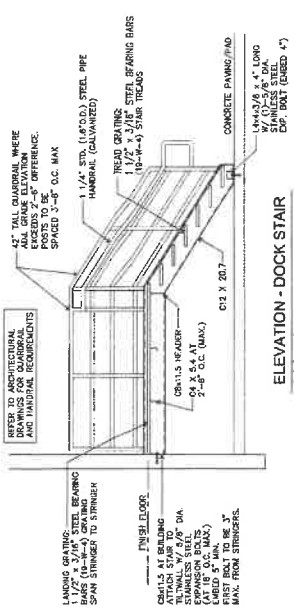
BAR SIZE	180° HOOK	90° HOOK	135° HOOK
#3	3"	3"	3"
#4	4"	4"	4"
#5	5"	5"	5"
#6	6"	6"	6"
#7	7"	7"	7"
#8	8"	8"	8"
#9	9"	9"	9"
#10	10"	10"	10"
#11	11"	11"	11"

D = INSIDE DIAMETER OF BEND
D_B = BAR DIAMETER

TENSION DEVELOPMENT/SPICE LENGTHS-NW CONC

TYPICAL END HOOK TYPES

TYPICAL STRUT AND TIE HOOK TYPES



PLAN - DOCK STAIR

- NOTES:**
1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
 2. REINFORCEMENT SHALL BE PLACED AS SHOWN, UNLESS OTHERWISE NOTED.
 3. DESIGN IS BASED ON A MAXIMUM TREAD WIDTH OF 36" CLEAR.
 4. SEE "TYPICAL LAYOUT" SECTION OF GENERAL NOTES FOR ADDITIONAL STAIR AND RAILING DESIGN CRITERIA.

STEEL DOCK STAIR (GRATING TREAD AND LANDING)

DATE	ACTIVITY
07/20/21	PERMIT SET

HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77396



BCA #23038-B6

BUILDING 6
SECTIONS

SCALE: AS NOTED

S4-0

JOIST PARALLEL TO PANEL CORNER (NO PARAPET)	JOIST PARALLEL TO PANEL CORNER	TYPICAL JOIST PERPENDICULAR TO TILT WALL	GRIDER POCKET DETAIL	JOIST TO GRIDER CONNECTION DETAIL	JOIST TO COLUMN CONNECTION DETAIL	JOIST TO GRIDER CONNECTION AT COLUMN DETAIL	JOIST STIFFENING DETAIL	TYPICAL ROOF OPENING DETAIL AT MECHANICAL	TYPICAL ROOF OPENING DETAIL	JOIST TO COLUMN CONNECTION DETAIL	JOIST TO GRIDER CONNECTION AT COLUMN DETAIL
--	---------------------------------------	---	-----------------------------	--	--	--	--------------------------------	--	------------------------------------	--	--



- NOTES:
- DIAGONAL BRACE IS NOT REQUIRED FOR "A" LESS THAN THREE INCHES
 - UNLESS NOTED ON SECTION
 - PROVIDE DIAGONAL BRACE AT LOCATION OF CONCENTRATED LOADS
 - PROVIDE DIAGONAL BRACE AT LOCATION OF CONCENTRATED LOADS AND ANY OTHER CONCENTRATED LOADS AS DIRECTED BY ENGINEER.
 - P = CONCENTRATED LOAD.

[illegible]

07	06	05	04	03	02	01
JAMB ANCHORAGE CONNECTIONS 1. 1/2" HOLE IN JAMB 2. 1/4" HOLE IN JAMB 3. 1/2" HOLE IN JAMB 4. 1/4" HOLE IN JAMB 5. 1/2" HOLE IN JAMB 6. 1/4" HOLE IN JAMB 7. 1/2" HOLE IN JAMB 8. 1/4" HOLE IN JAMB 9. 1/2" HOLE IN JAMB 10. 1/4" HOLE IN JAMB	STUD TO TRACK DETAIL 1. 1/2" HOLE IN STUD 2. 1/4" HOLE IN STUD 3. 1/2" HOLE IN STUD 4. 1/4" HOLE IN STUD 5. 1/2" HOLE IN STUD 6. 1/4" HOLE IN STUD 7. 1/2" HOLE IN STUD 8. 1/4" HOLE IN STUD 9. 1/2" HOLE IN STUD 10. 1/4" HOLE IN STUD	BOTTOM TRACK SPACE DETAIL 1. 1/2" HOLE IN TRACK 2. 1/4" HOLE IN TRACK 3. 1/2" HOLE IN TRACK 4. 1/4" HOLE IN TRACK 5. 1/2" HOLE IN TRACK 6. 1/4" HOLE IN TRACK 7. 1/2" HOLE IN TRACK 8. 1/4" HOLE IN TRACK 9. 1/2" HOLE IN TRACK 10. 1/4" HOLE IN TRACK	HEAD TRACK DETAIL (AT SINGLE TRACK) 1. 1/2" HOLE IN TRACK 2. 1/4" HOLE IN TRACK 3. 1/2" HOLE IN TRACK 4. 1/4" HOLE IN TRACK 5. 1/2" HOLE IN TRACK 6. 1/4" HOLE IN TRACK 7. 1/2" HOLE IN TRACK 8. 1/4" HOLE IN TRACK 9. 1/2" HOLE IN TRACK 10. 1/4" HOLE IN TRACK	INTERSECTION FRAMING - METAL STUD WALLS 1. 1/2" HOLE IN CORNER 2. 1/4" HOLE IN CORNER 3. 1/2" HOLE IN CORNER 4. 1/4" HOLE IN CORNER 5. 1/2" HOLE IN CORNER 6. 1/4" HOLE IN CORNER 7. 1/2" HOLE IN CORNER 8. 1/4" HOLE IN CORNER 9. 1/2" HOLE IN CORNER 10. 1/4" HOLE IN CORNER	STUD WALL BRACING DETAIL (USING SCREWED JOIST) 1. 1/2" HOLE IN WALL 2. 1/4" HOLE IN WALL 3. 1/2" HOLE IN WALL 4. 1/4" HOLE IN WALL 5. 1/2" HOLE IN WALL 6. 1/4" HOLE IN WALL 7. 1/2" HOLE IN WALL 8. 1/4" HOLE IN WALL 9. 1/2" HOLE IN WALL 10. 1/4" HOLE IN WALL	TYPICAL SILL TO JAMB CONNECTIONS 1. 1/2" HOLE IN SILL 2. 1/4" HOLE IN SILL 3. 1/2" HOLE IN SILL 4. 1/4" HOLE IN SILL 5. 1/2" HOLE IN SILL 6. 1/4" HOLE IN SILL 7. 1/2" HOLE IN SILL 8. 1/4" HOLE IN SILL 9. 1/2" HOLE IN SILL 10. 1/4" HOLE IN SILL

[illegible]

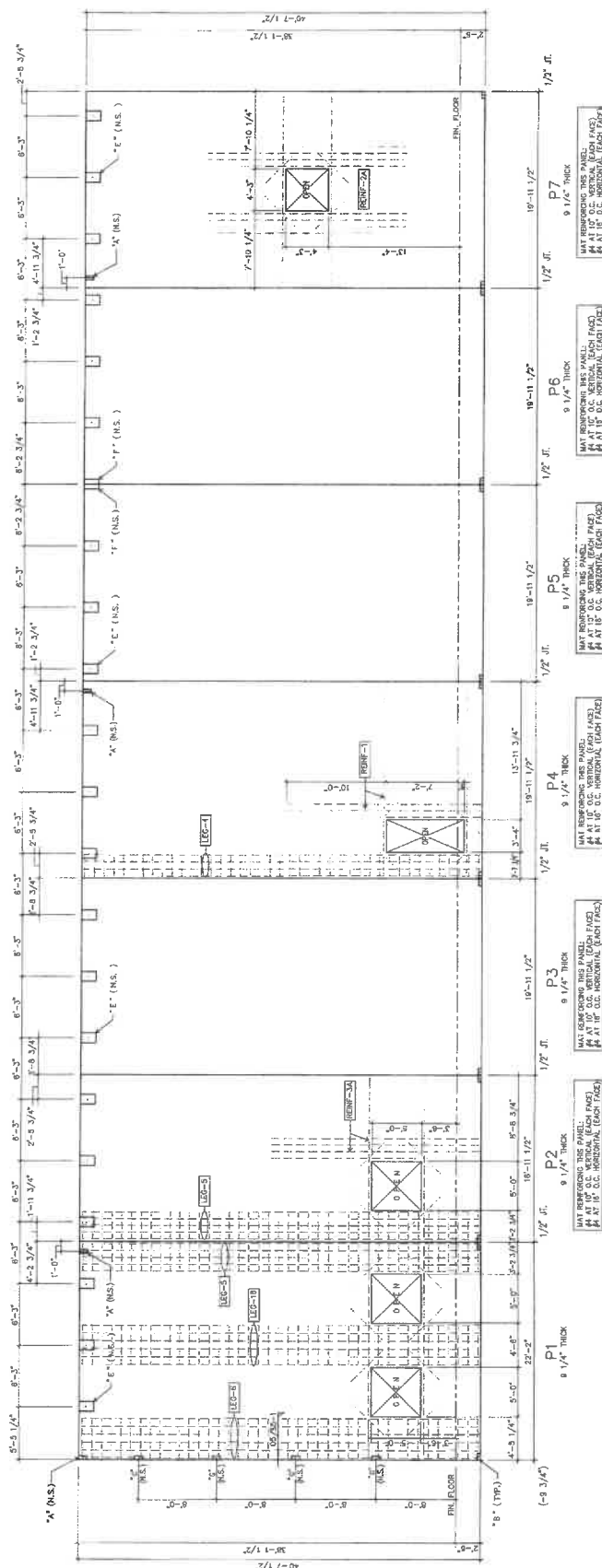
[illegible]

BGA #23038~B6

TILT WALL PANEL ELEVATIONS

CALL: AS NOTED

5-6-0



BUILDING #6 -- KEYED REINFORCING NOTES:

SEE PANEL ELEVATIONS FOR KEYS NOTE LOCATIONS.

- [illegible]

BEA
STRUCTURAL ENGINEERS
P.O. BOX 1633
HOUSTON, TEXAS 77250
(713) 339-0912

NOTE- SEE SHEET S5-0 FOR
PANEL REIN. REQUIREMENTS
AND SHEET S5-1 FOR
ALL EMBEDS. SEE SHEET
S8-0 FOR KEYED NOTES
(TYPICAL AT ALL PANELS)

[illegible]

HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77396



BGA #23038-B8

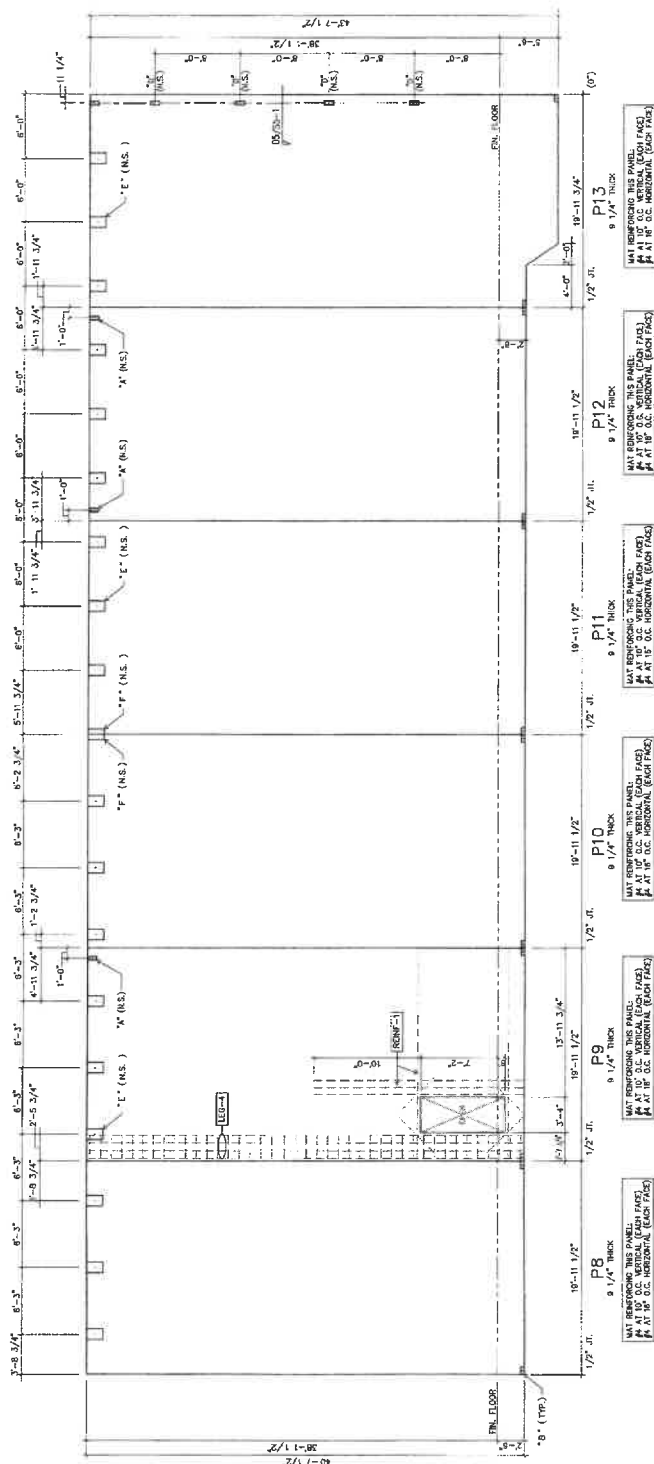
**FILTWALL
PANEL
ELEVATIONS**

SCALE: 15 NOTED

S6-1



NOTE- SEE SHEET S5-0 FOR
PANEL REINF. REQUIREMENTS
AND SHEET S6-1 FOR
ALL EMBEDS. SEE SHEET
S8-0 FOR KEYED NOTES
(TYPICAL AT ALL PANELS)

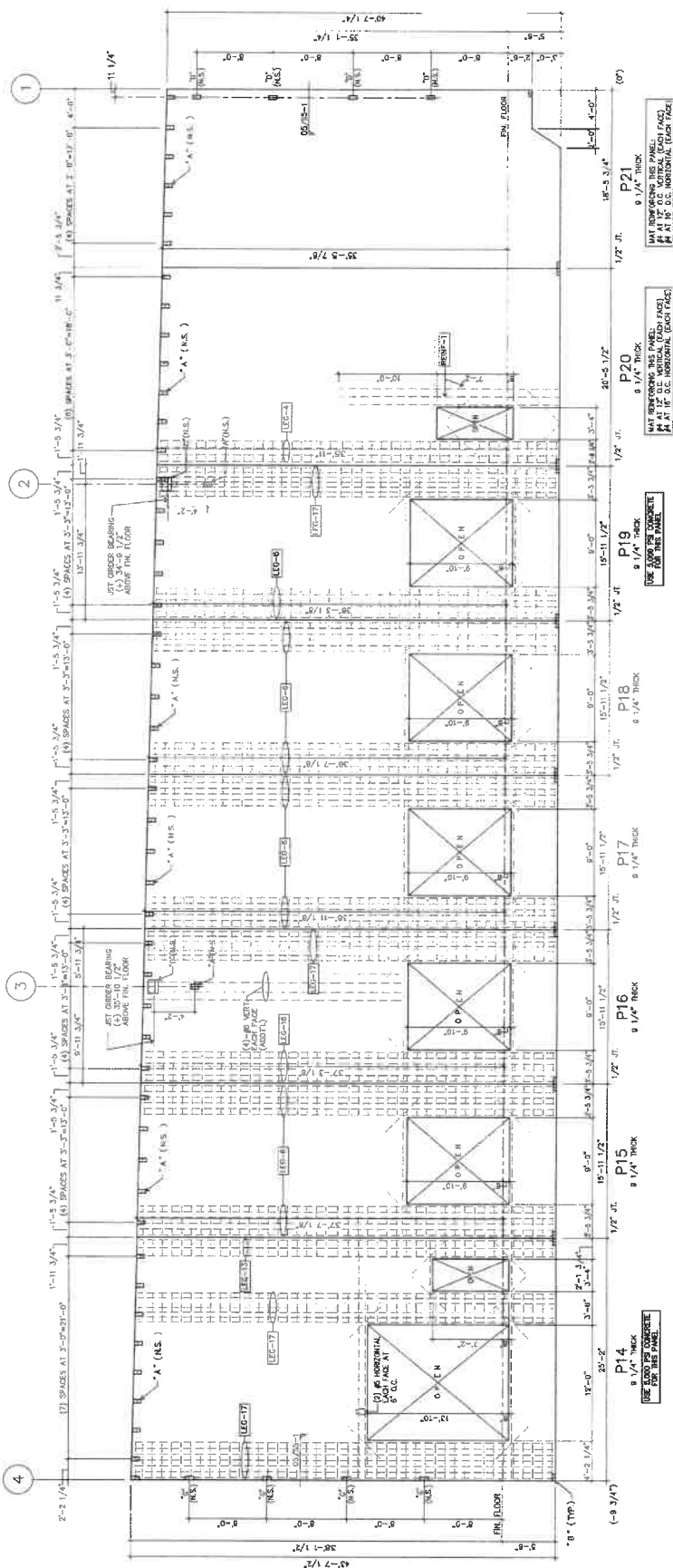


[illegible]

HUMBLE COMMERCE CENTER
BUILDING 6
HUMBLE TX 77398

TILT WALL
PANEL
ELEVATIONS

56-2



NOTE- SEE SHEET S5-0 FOR
PANEL REIN. REQUIREMENTS
AND SHEET S5-1 FOR
ALL EMBEDS. SEE SHEET
S8-0 FOR KEYED NOTES
(TYPICAL AT ALL PANELS)

urban

URBAN
CONSTRUCTION
SOUTHWEST, Inc.
11111 West 111th Street, Suite 100
Overland Park, KS 66213
TEL: 913.241.1111 FAX: 913.241.1112

DATE AND REVISION LOG

DATE ACTIVITY

07/10/21 POINT SET

HUMBLE COMMERCE CENTER

BUILDING 6
HUMBLE TX 77396



06A #23036-B6

TILT WALL
PANEL
ELEVATIONS

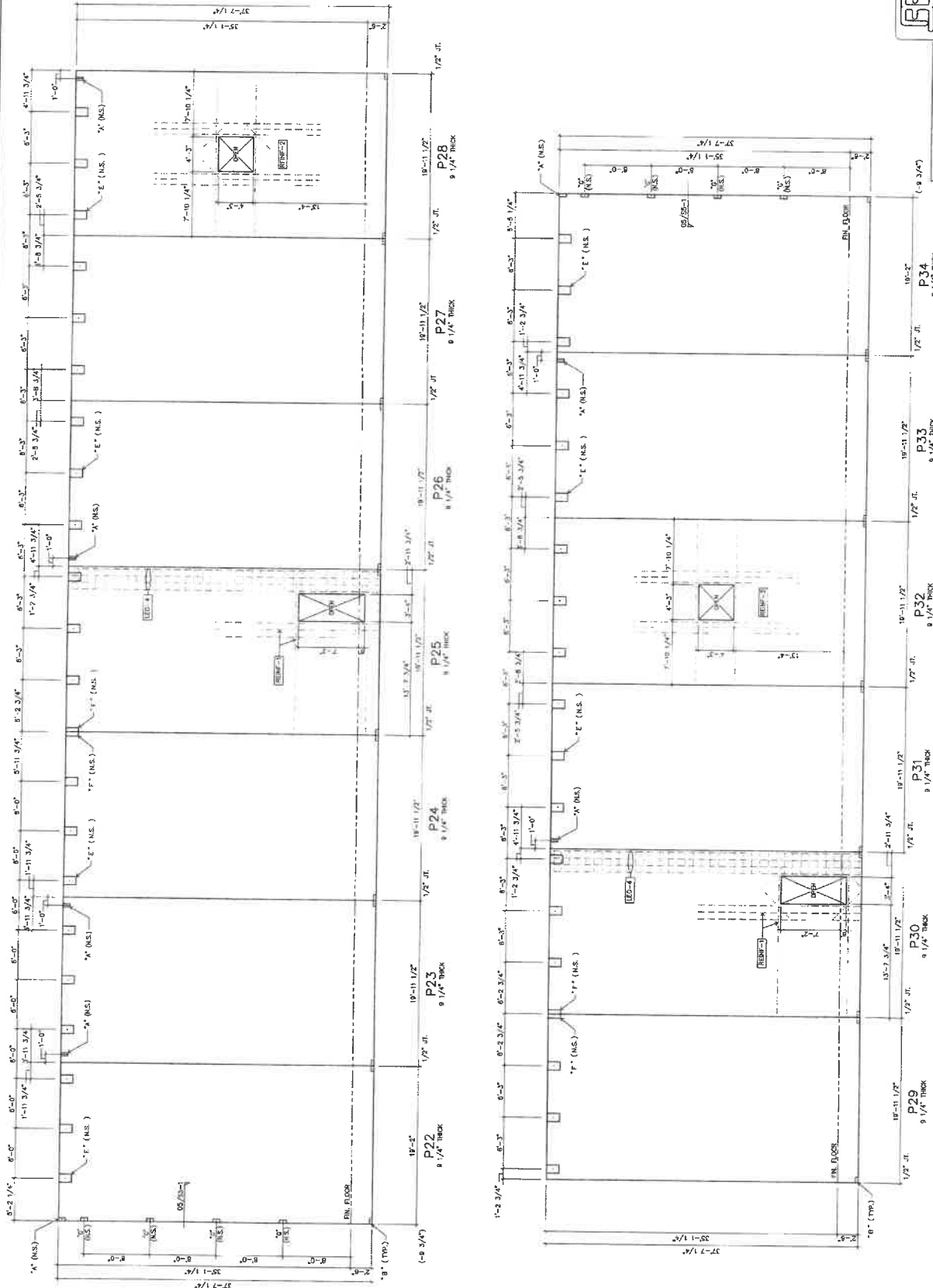
SCALE: AS SHOWN

S6-3



REINFORCING SPECIALISTS
RFA ENGINEERS, INC.
1100 WEST 19TH STREET, SUITE 200
DALLAS, TEXAS 75202
TEL: 214.343.8800
FAX: 214.343.8801
WWW.RFAENGINEERS.COM

NOTE: SEE SHEET S6-1 FOR
PANEL REINFORCEMENT
AND SHEET S6-1 FOR
ALL EMBEDS. SEE SHEET
S6-1 FOR REINFORCEMENT
(TYPICAL AT ALL PANELS)



[illegible]

HUMBLE COMMERCE CENTER

BUILDING 6
HUMBLE TX 77396

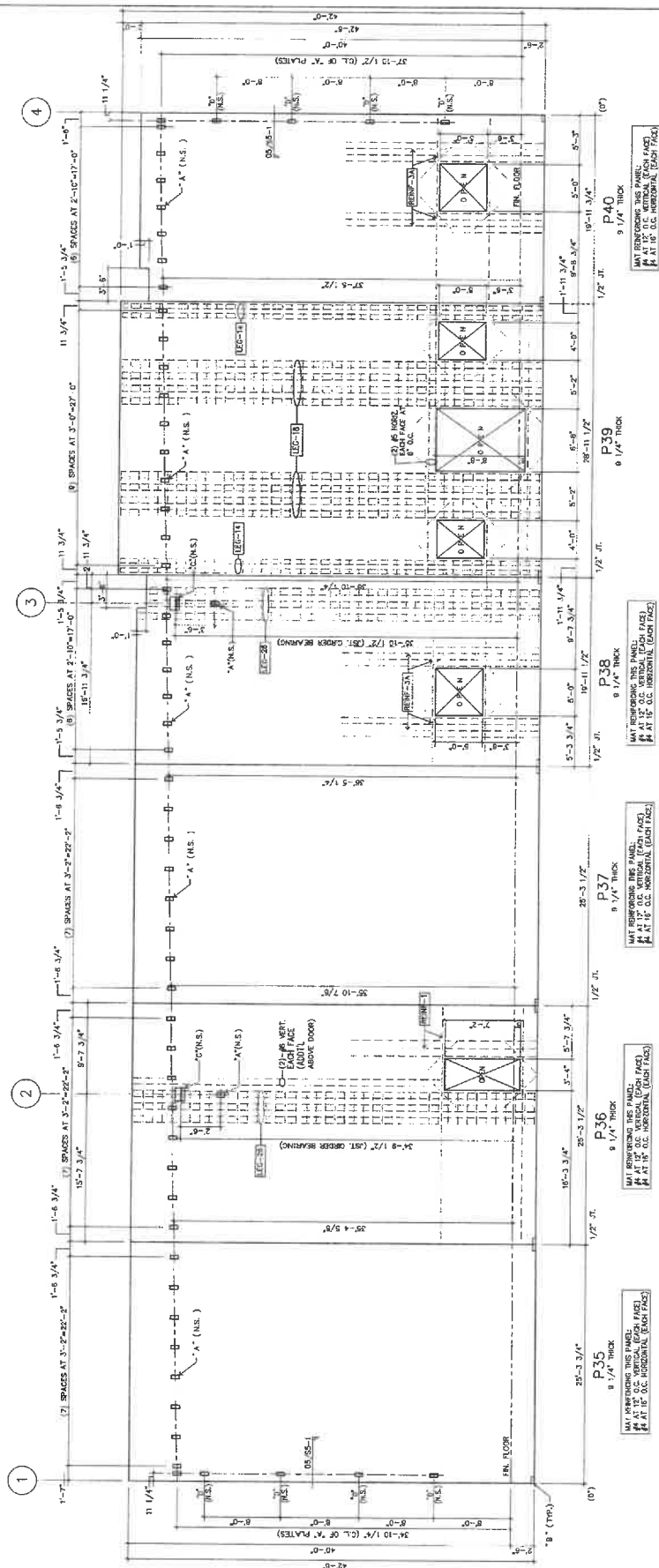


BGA #23038-B6

TILT WALL
PANEL
ELEVATIONS

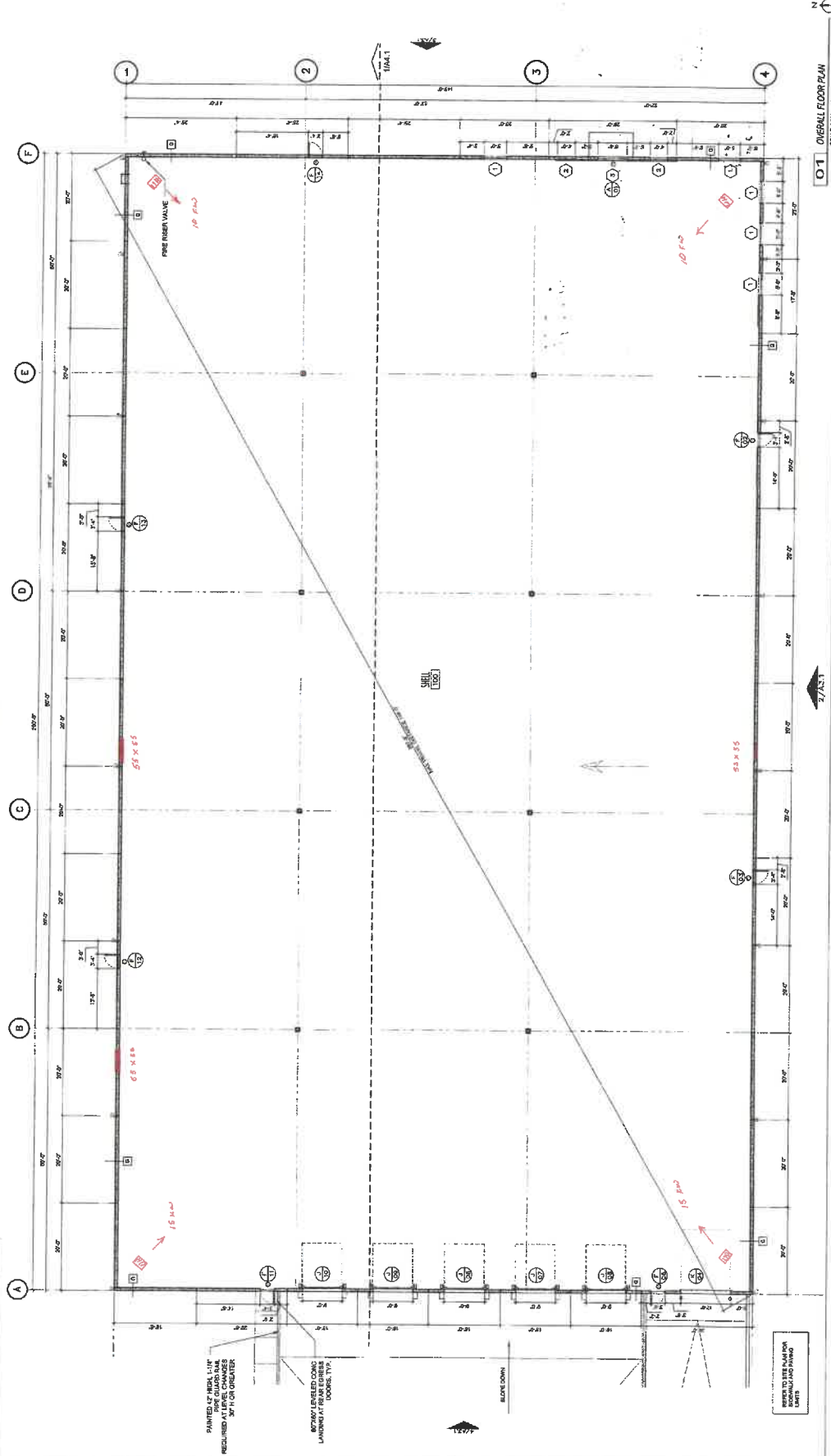
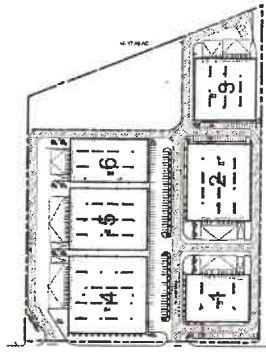
CALL: 800-867-8677

S6-4

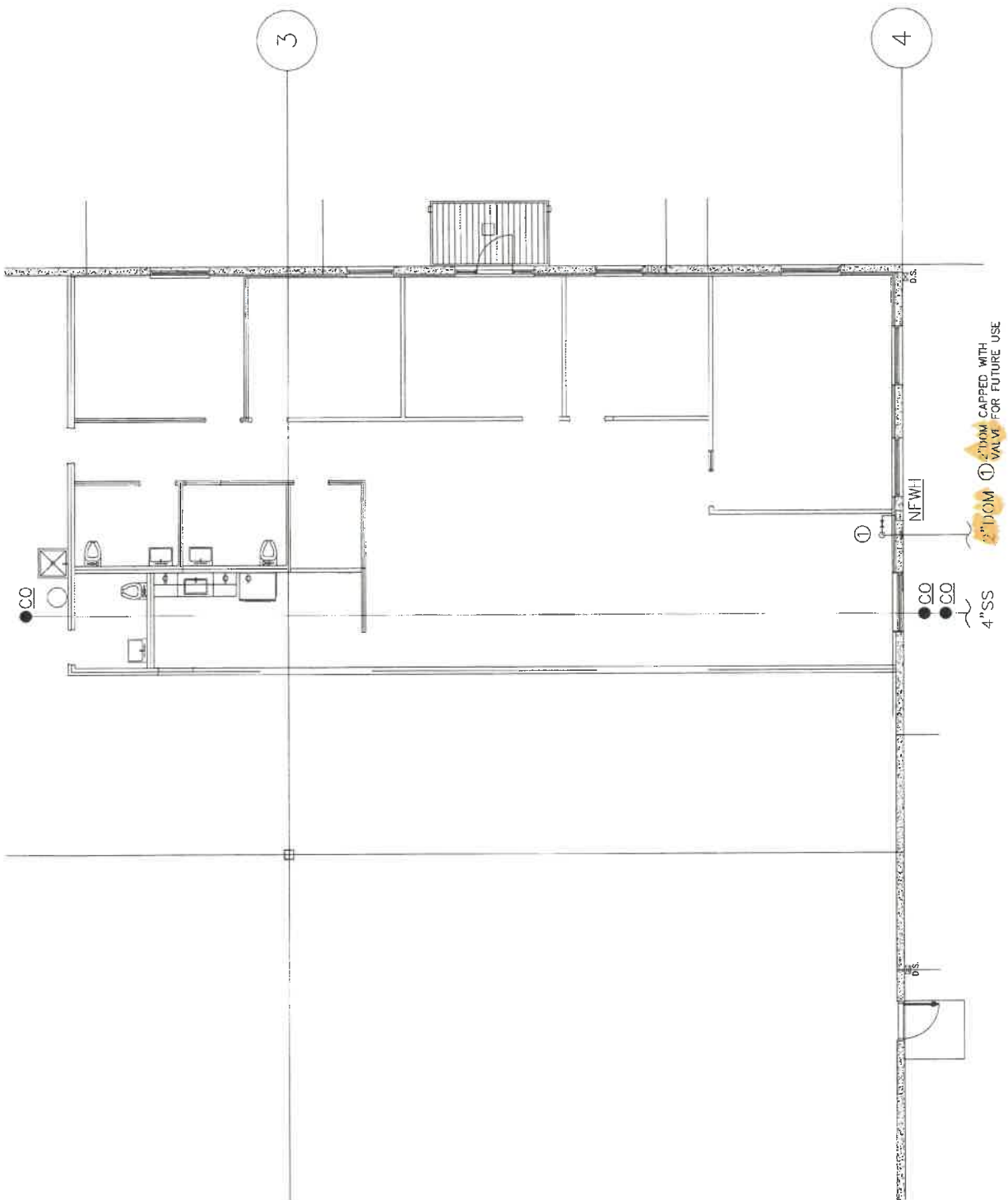


BEA
STRUCTURAL ENGINEERS
TX FIRM #033
BEA ENGINEERS, INC.
100 HOFMEIER FREEMAN, SUITE 300
HOUSTON, TEXAS 77060
(713) 232-8612

NOTE: SEE SHEET S5-0 FOR
PANEL REINF. REQUIREMENTS
AND SHEET S5-1 FOR
ALL EMBEDS. SEE SHEET
S6-0 FOR KEYED NOTES
(TYPICAL AT ALL PANELS)



LEGEND	
	PARTITION TO DECK
	WINDOW TYPE RE-A2
	WALL TYPE RE-A2
	DOOR TYPE RE-A2
	POWER CONDUIT
	UNDERLAB
	FIRE EXTINGUISHER
	EYE WASH ONLY
	EYE WASH SHOWER
	FLOOR DRAIN
NOTES	
1. SEE PLAN FOR THE REVISIONS, ACCESSORY AND MODIFICATIONS.	
2. UNDERLAB CONDUIT ROUTING TO BE DETERMINED BY TRADE - RECORD AS-BUILT CONDITION. COORD AIR CONDUIT TO SERVICE POWER CONDUIT TRENCH.	



01 BUILDING 6 PLUMBING FLOOR PLAN

9/18/2023
MPL 38678

Date: 9/18/2023
Sheet: P6.0

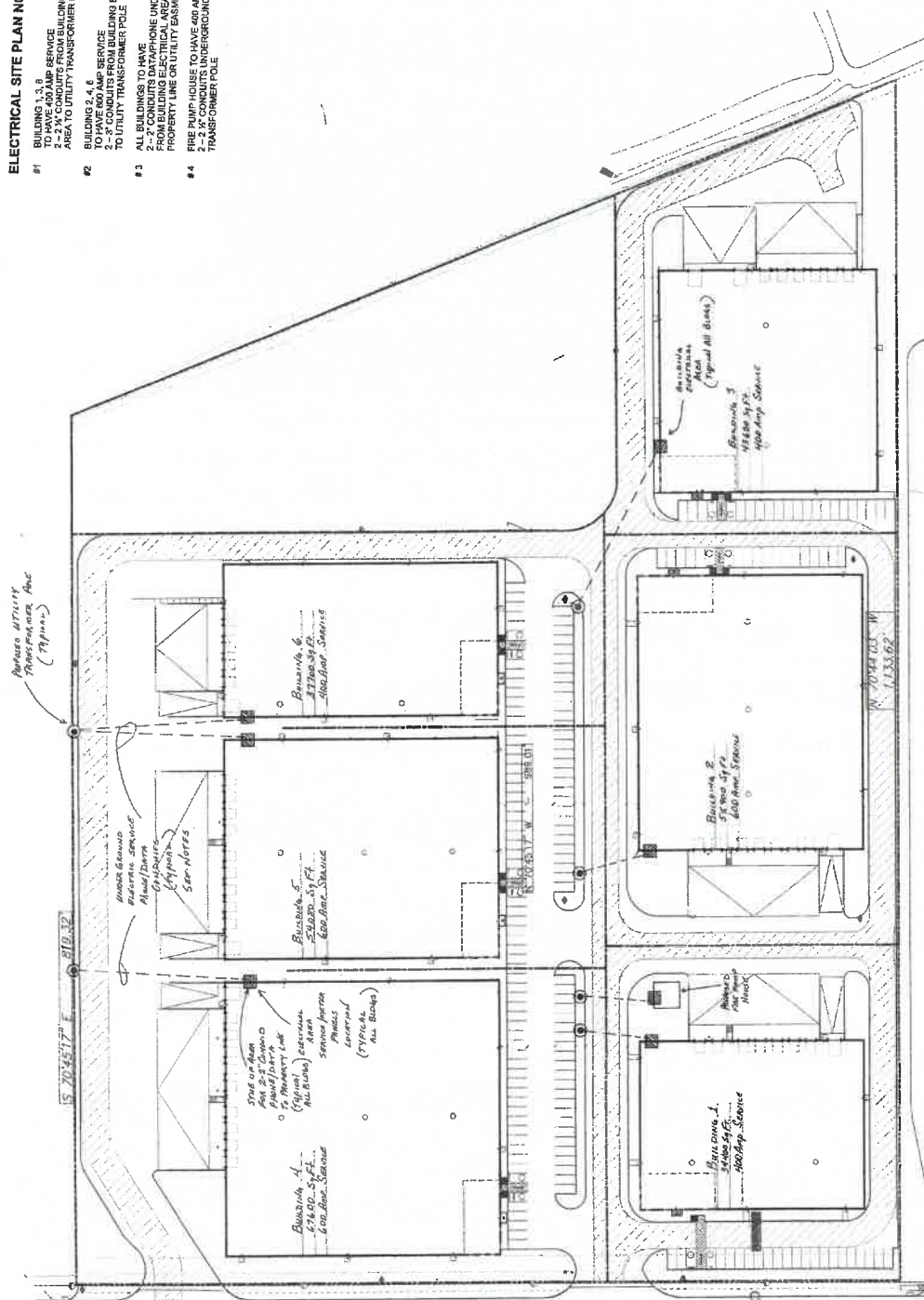
REVISIONS

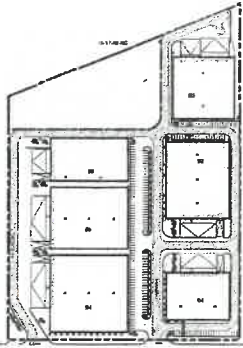
SHEET: PLUMBING PLAN

EASTEX COMMERCE
17570 & 17600 HIGHWAY 59 NORTH,
HUMBLE, TEXAS, 77396

DRAWN BY: CKW PLUMBING INC.
PO BOX 1433
CYPRESS, TX 77410
MPL 38678

- ELECTRICAL SITE PLAN NOTES:**
- #1 BUILDING 1, 3, 6
TO HAVE 600 AMP SERVICE
2-2" CONDUITS FROM BUILDING ELECTRICAL
AREA TO UTILITY TRANSFORMER POLE
 - #2 BUILDING 2, 4, 6
TO HAVE 600 AMP SERVICE
2-2" CONDUITS FROM BUILDING ELECTRICAL AREA
TO UTILITY TRANSFORMER POLE
 - #3 ALL BUILDINGS TO HAVE
UNDERGROUND ELECTRICAL SERVICE
FROM BUILDING ELECTRICAL EQUIPMENT
TO PROPERTY LINE OR UTILITY EASMENT
 - #4 FIRE PUMP HOUSE TO HAVE 400 AMP SERVICE
2-2" CONDUITS UNDERGROUND TO UTILITY
TRANSFORMER POLE

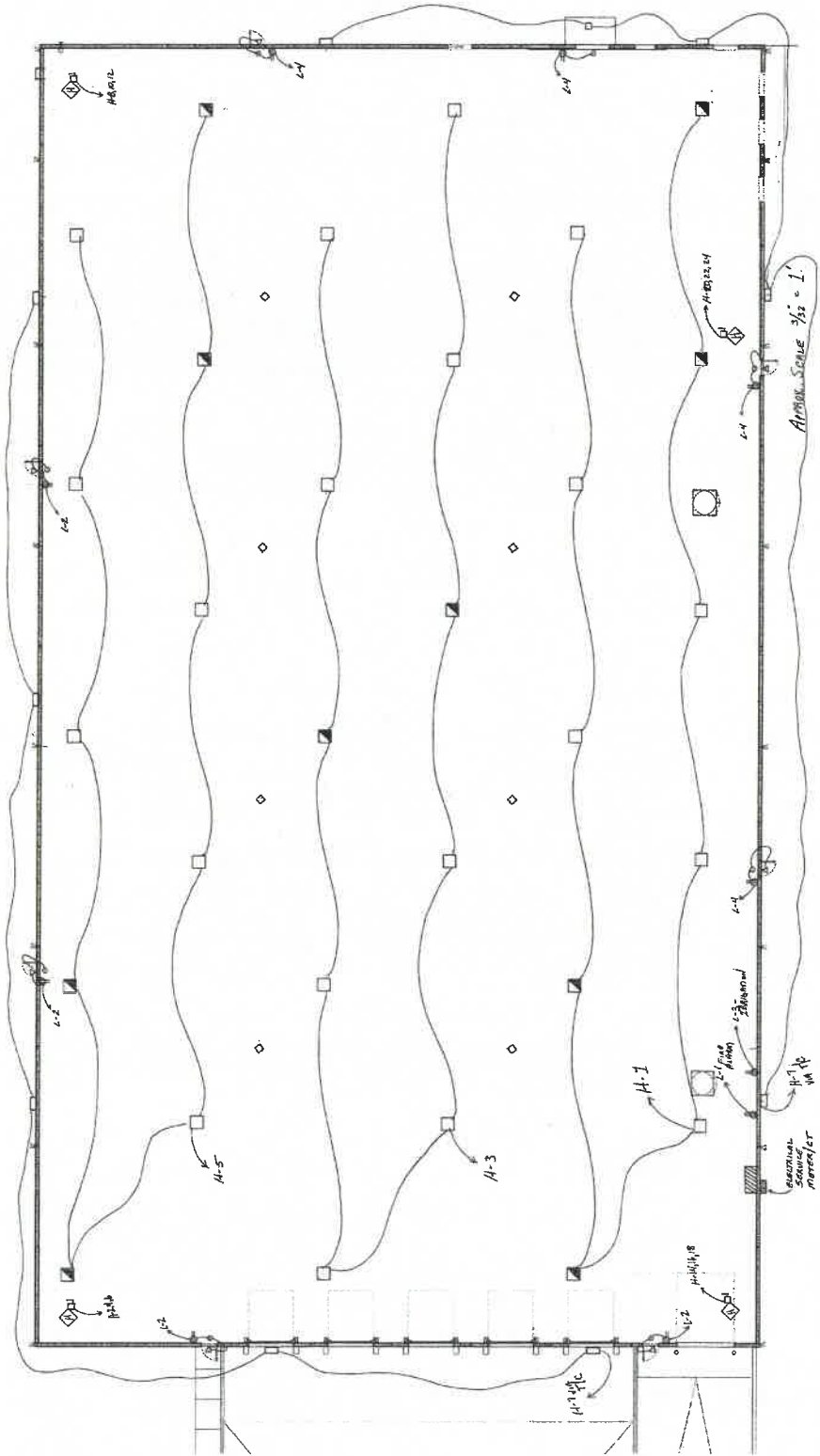


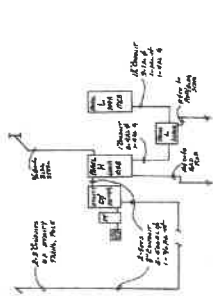


NO.	DESCRIPTION	DATE	BY	CHKD	APP'D	REV.	DATE	DESCRIPTION
1	TRANSFORMER 1							
2	TRANSFORMER 2							
3	TRANSFORMER 3							
4	TRANSFORMER 4							
5	TRANSFORMER 5							
6	TRANSFORMER 6							
7	TRANSFORMER 7							
8	TRANSFORMER 8							
9	TRANSFORMER 9							
10	TRANSFORMER 10							
11	TRANSFORMER 11							
12	TRANSFORMER 12							
13	TRANSFORMER 13							
14	TRANSFORMER 14							
15	TRANSFORMER 15							
16	TRANSFORMER 16							
17	TRANSFORMER 17							
18	TRANSFORMER 18							
19	TRANSFORMER 19							
20	TRANSFORMER 20							

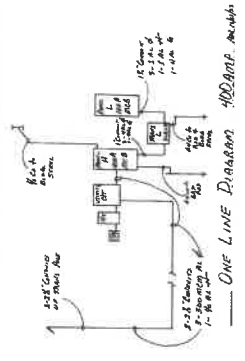
NO.	DESCRIPTION	DATE	BY	CHKD	APP'D	REV.	DATE	DESCRIPTION
1	TRANSFORMER 1							
2	TRANSFORMER 2							
3	TRANSFORMER 3							
4	TRANSFORMER 4							
5	TRANSFORMER 5							
6	TRANSFORMER 6							
7	TRANSFORMER 7							
8	TRANSFORMER 8							
9	TRANSFORMER 9							
10	TRANSFORMER 10							
11	TRANSFORMER 11							
12	TRANSFORMER 12							
13	TRANSFORMER 13							
14	TRANSFORMER 14							
15	TRANSFORMER 15							
16	TRANSFORMER 16							
17	TRANSFORMER 17							
18	TRANSFORMER 18							
19	TRANSFORMER 19							
20	TRANSFORMER 20							

- ENTER 20'W
- A - HIGHWAY
- AX - HIGHWAY ENERGY
- W - WALL/PAVE
- C - CHURCH LT. ENERGY
- ELECTRICAL PANELS/NEAR AREA
- ELECT SERVICE C/TERMINAL
- XE - EXTERIOR ENDS OF
- XM - EXTERIOR ENDS OF
- OR - OR (Not Drawn)





ONE LINE DIAGRAM - 600amp

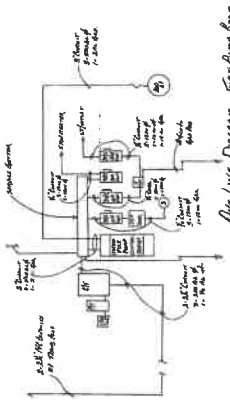


ONE LINE DIAGRAM - 400amp

TABLE 1: ELECTRICAL LOADS (600AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	600	173.2
PHASE 1 LOADS	1	240	200	48.0
PHASE 2 LOADS	2	240	200	48.0
PHASE 3 LOADS	3	240	200	48.0
NEUTRAL LOADS	N	120	100	12.0
TOTAL LOADS			600	173.2

ALL LOADS ARE BASED ON 100% DIVERSITY FACTOR. IF A DIFFERENT FACTOR IS REQUIRED, THE TOTAL LOADS SHALL BE ADJUSTED ACCORDINGLY.



ONE LINE DIAGRAM - 400amp

ONE LINE DIAGRAM NOTES

Service voltage to be 480/277 three phase four wire.
CU = THHN Conductors to be sized per NEC.
All grounds and bonds to be installed per NEC 250.
All fuses to be rated 200 MAIC, panel to be series rated.

TABLE 2: ELECTRICAL LOADS (400AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	400	115.5
PHASE 1 LOADS	1	240	133	32.0
PHASE 2 LOADS	2	240	133	32.0
PHASE 3 LOADS	3	240	133	32.0
NEUTRAL LOADS	N	120	67	8.0
TOTAL LOADS			400	115.5

ALL LOADS ARE BASED ON 100% DIVERSITY FACTOR. IF A DIFFERENT FACTOR IS REQUIRED, THE TOTAL LOADS SHALL BE ADJUSTED ACCORDINGLY.

TABLE 3: ELECTRICAL LOADS (200AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	200	57.7
PHASE 1 LOADS	1	240	67	16.0
PHASE 2 LOADS	2	240	67	16.0
PHASE 3 LOADS	3	240	67	16.0
NEUTRAL LOADS	N	120	33	4.0
TOTAL LOADS			200	57.7

ALL LOADS ARE BASED ON 100% DIVERSITY FACTOR. IF A DIFFERENT FACTOR IS REQUIRED, THE TOTAL LOADS SHALL BE ADJUSTED ACCORDINGLY.

TABLE 4: ELECTRICAL LOADS (100AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	100	28.9
PHASE 1 LOADS	1	240	33	8.0
PHASE 2 LOADS	2	240	33	8.0
PHASE 3 LOADS	3	240	33	8.0
NEUTRAL LOADS	N	120	17	2.0
TOTAL LOADS			100	28.9

ALL LOADS ARE BASED ON 100% DIVERSITY FACTOR. IF A DIFFERENT FACTOR IS REQUIRED, THE TOTAL LOADS SHALL BE ADJUSTED ACCORDINGLY.

TABLE 5: ELECTRICAL LOADS (50AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	50	14.4
PHASE 1 LOADS	1	240	17	4.0
PHASE 2 LOADS	2	240	17	4.0
PHASE 3 LOADS	3	240	17	4.0
NEUTRAL LOADS	N	120	8	1.0
TOTAL LOADS			50	14.4

ALL LOADS ARE BASED ON 100% DIVERSITY FACTOR. IF A DIFFERENT FACTOR IS REQUIRED, THE TOTAL LOADS SHALL BE ADJUSTED ACCORDINGLY.

TABLE 6: ELECTRICAL LOADS (250AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	250	70.7
PHASE 1 LOADS	1	240	83	20.0
PHASE 2 LOADS	2	240	83	20.0
PHASE 3 LOADS	3	240	83	20.0
NEUTRAL LOADS	N	120	42	5.0
TOTAL LOADS			250	70.7

TABLE 7: ELECTRICAL LOADS (150AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	150	42.4
PHASE 1 LOADS	1	240	50	12.0
PHASE 2 LOADS	2	240	50	12.0
PHASE 3 LOADS	3	240	50	12.0
NEUTRAL LOADS	N	120	25	3.0
TOTAL LOADS			150	42.4

TABLE 8: ELECTRICAL LOADS (75AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	75	21.2
PHASE 1 LOADS	1	240	25	6.0
PHASE 2 LOADS	2	240	25	6.0
PHASE 3 LOADS	3	240	25	6.0
NEUTRAL LOADS	N	120	12	1.5
TOTAL LOADS			75	21.2

TABLE 9: ELECTRICAL LOADS (37.5AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	37.5	10.6
PHASE 1 LOADS	1	240	12.5	3.0
PHASE 2 LOADS	2	240	12.5	3.0
PHASE 3 LOADS	3	240	12.5	3.0
NEUTRAL LOADS	N	120	6	0.7
TOTAL LOADS			37.5	10.6

TABLE 10: ELECTRICAL LOADS (18.75AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	18.75	5.3
PHASE 1 LOADS	1	240	6.25	1.5
PHASE 2 LOADS	2	240	6.25	1.5
PHASE 3 LOADS	3	240	6.25	1.5
NEUTRAL LOADS	N	120	3	0.4
TOTAL LOADS			18.75	5.3

TABLE 11: ELECTRICAL LOADS (9.375AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	9.375	2.6
PHASE 1 LOADS	1	240	3.125	0.8
PHASE 2 LOADS	2	240	3.125	0.8
PHASE 3 LOADS	3	240	3.125	0.8
NEUTRAL LOADS	N	120	1.5	0.2
TOTAL LOADS			9.375	2.6

TABLE 12: ELECTRICAL LOADS (4.6875AMP)

LOAD DESCRIPTION	PHASE	VOLTS	AMPS	KVA
MAIN POWER PANEL	3	480	4.6875	1.3
PHASE 1 LOADS	1	240	1.5625	0.4
PHASE 2 LOADS	2	240	1.5625	0.4
PHASE 3 LOADS	3	240	1.5625	0.4
NEUTRAL LOADS	N	120	0.75	0.1
TOTAL LOADS			4.6875	1.3