FIRE CODE REVIEW PLANS

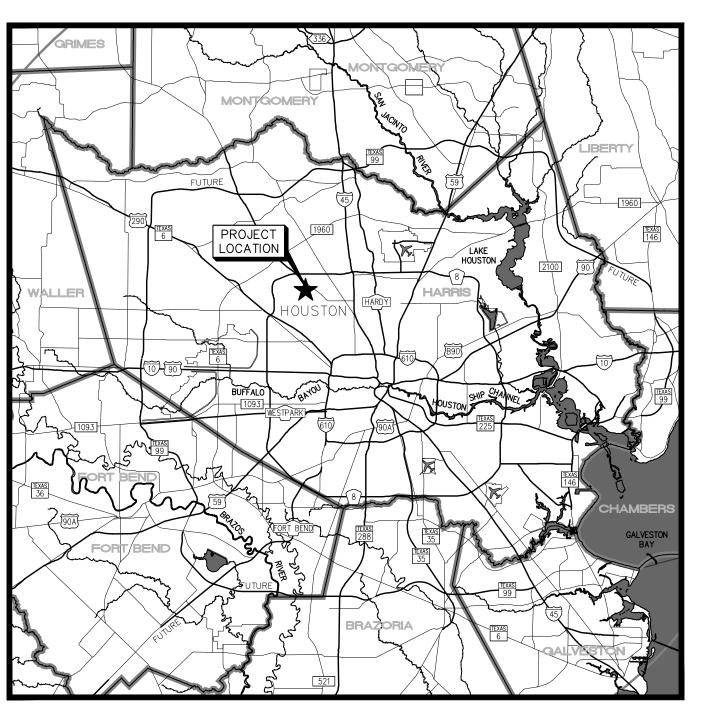
FOR

RC PRECISION, INC.

8904 TAUB RD HOUSTON, TX APR 2013



HARRIS COUNTY KEY MAP: 410B ZIP CODE: 77040

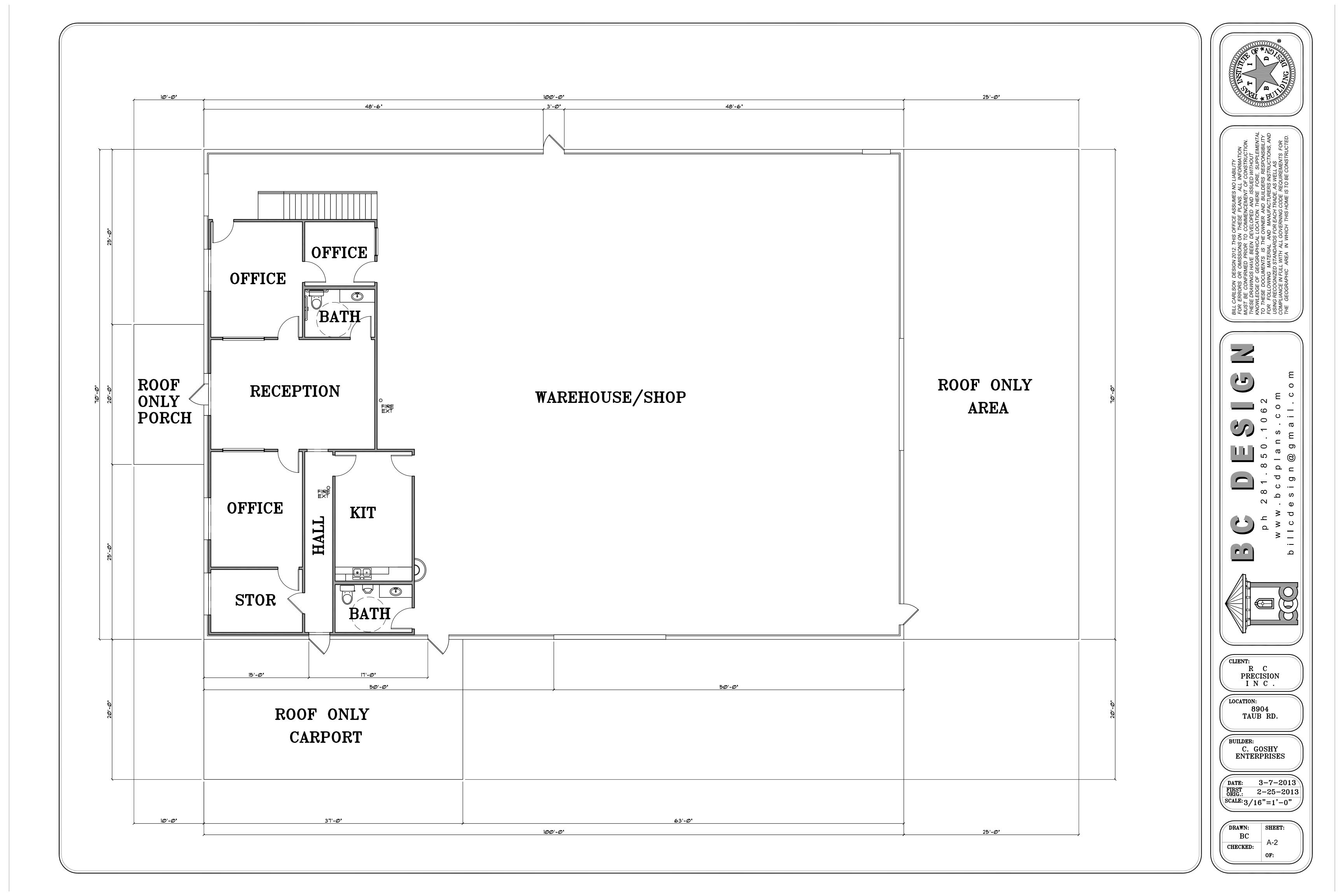


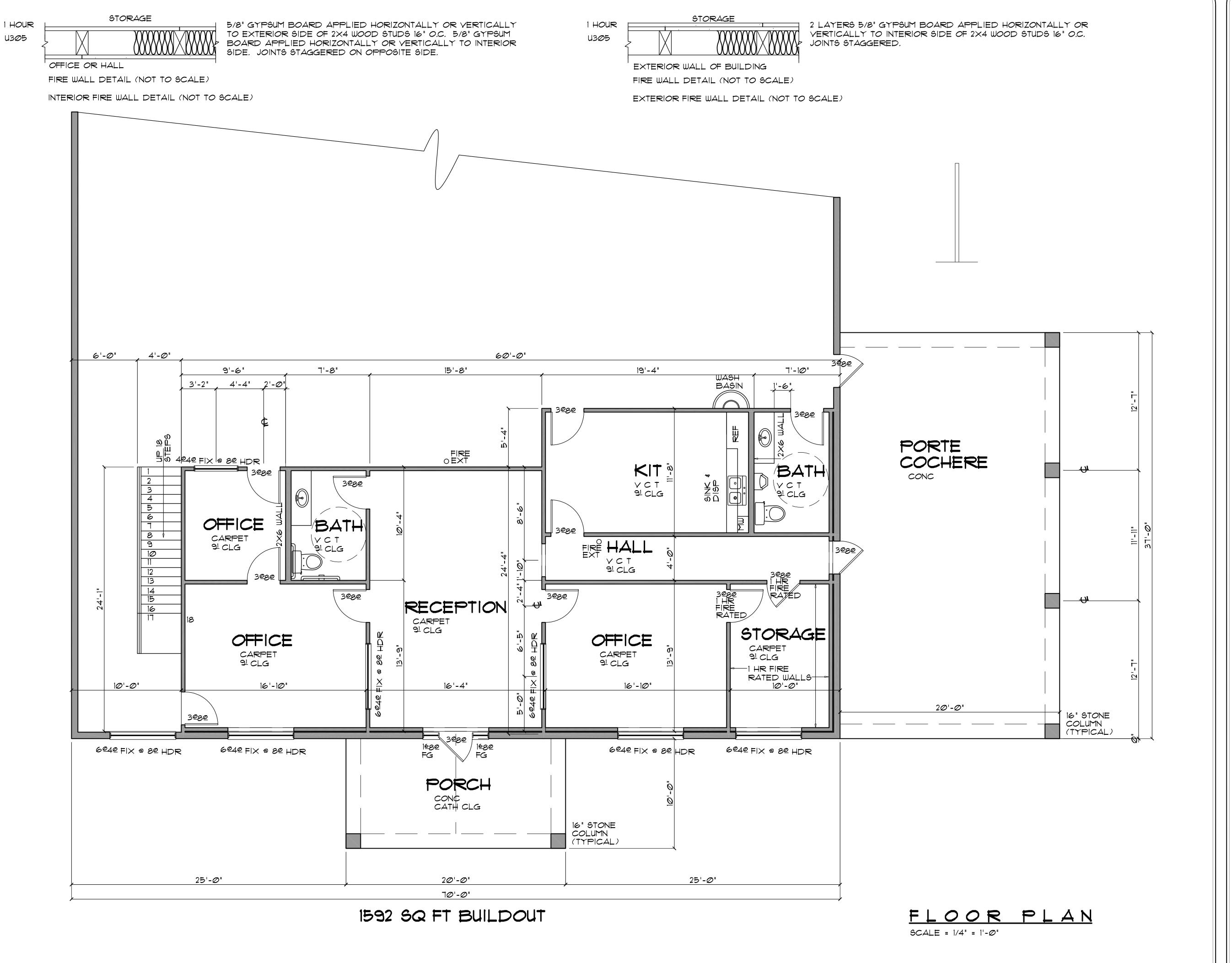
LOCATION MAP

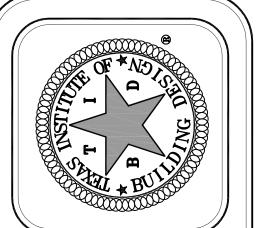
SHEET INDEX

- A-1 COVER SHEET
- A-2 FULL BUILDING FLOOR PLAN
- A-3 OFFICE AREA FLOOR PLAN
- A-4 ELECTRICAL PLAN
- A-5 DETAILS
- A-6 HARRIS COUNTY FIRE CODE DESIGN & COMPLIANCE REVIEW SHEET
- C-3 SITE PLAN



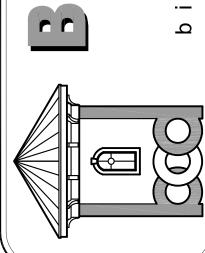






BILL CARLSON DESIGN 2012. THIS OFFICE ASSUMES NO LIABILITY
FOR ERRORS OR OMISSIONS ON THESE PLANS. ALL INFORMATION
MUST BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
THESE DRAWINGS HAVE BEEN DEVELOPED AND ISSUED WITHOUT
KNOWLEDGE OF GEOGRAPHICAL LOCATION. THERE FORE, SUPPLEMENTAL
TO THESE DOCUMENTS IS THE OWNER AND BUILDERS RESPONSIBILITY
FOR FOLLOWING MATERIAL AND MANUFACTURERS INSTRUCTIONS, AND
USING RECOGNIZED STANDARDS FOR EACH TRADE, AS WELL AS
COMPLIANCE IN FULL WITH ALL GOVERNING CODE REQUIREMENTS FOR
THE GEOGRAPHIC AREA IN WHICH THIS HOME IS TO BE CONSTRUCTED.

281.850.1062 w.bcdplans.com



CLIENT:

R C

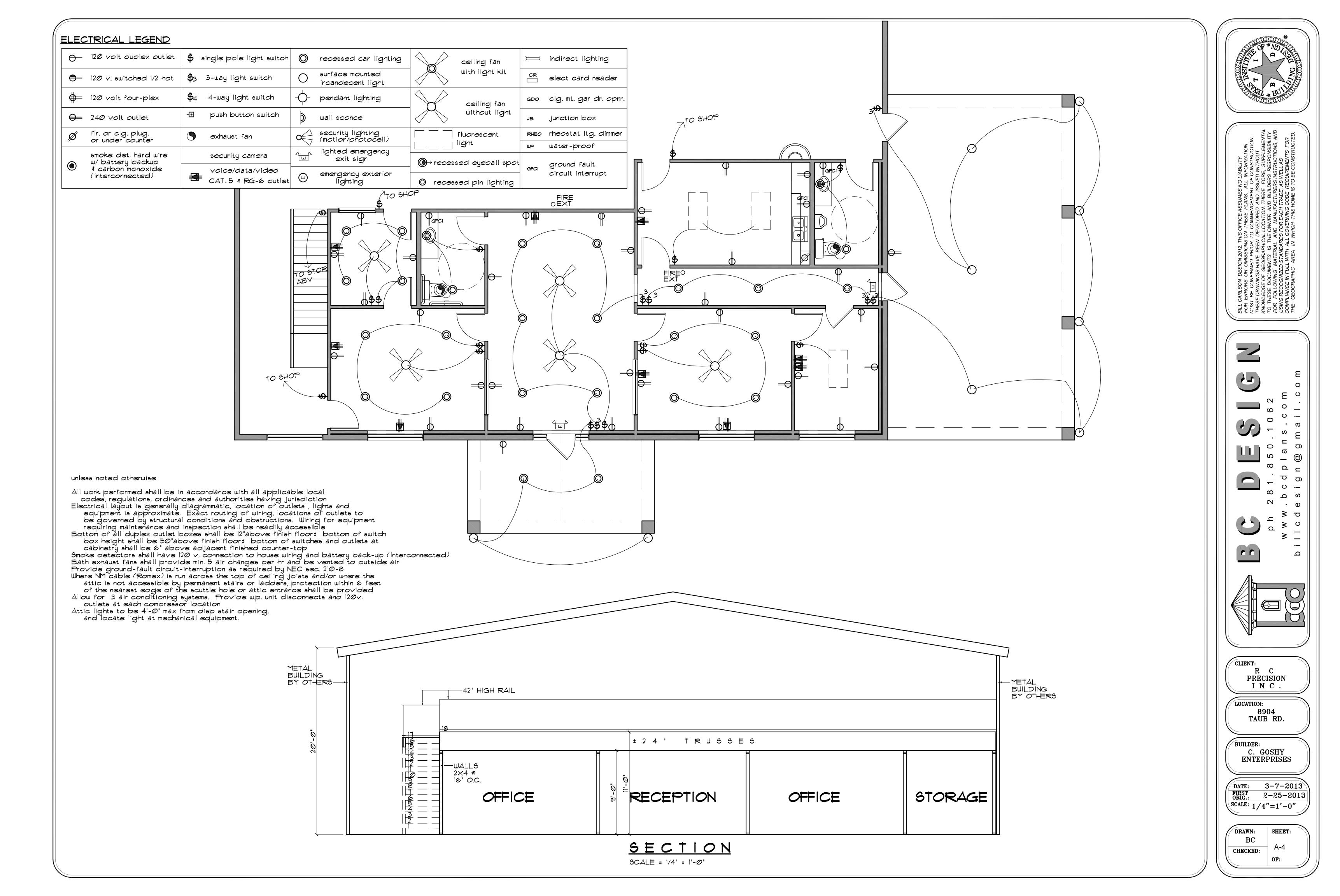
PRECISION
I N C .

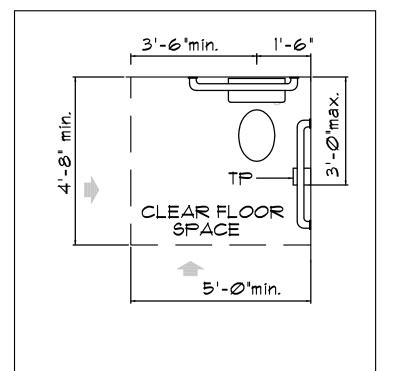
LOCATION:
8904
TAUB RD.

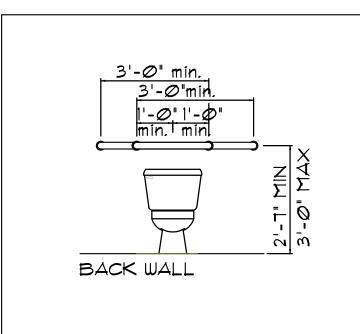
BUILDER:
C. GOSHY
ENTERPRISES

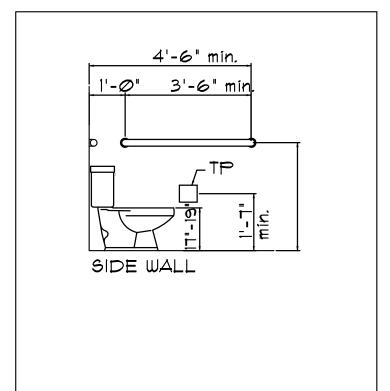
DATE: 3-7-2013 FIRST 2-25-2013 SCALE: 1/4"=1'-0"

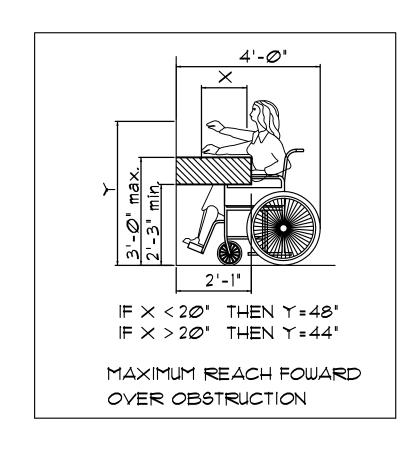
DRAWN: SHEET:
BC
CHECKED: A-3
OF:

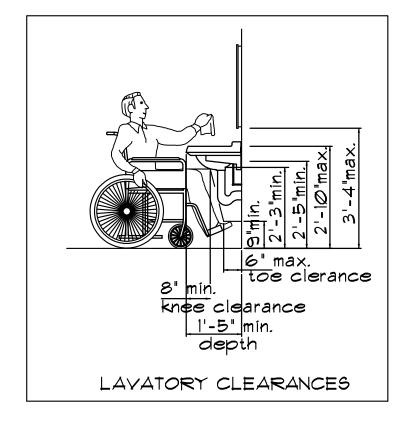


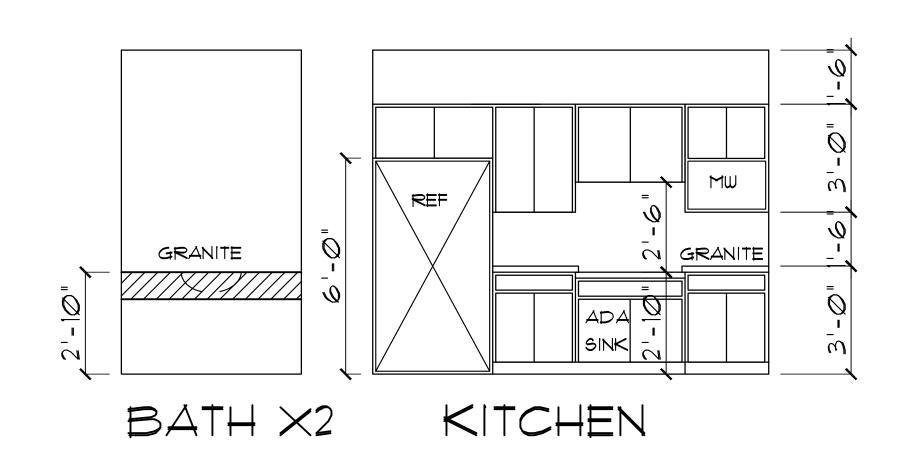


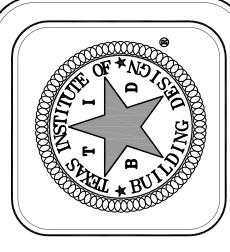








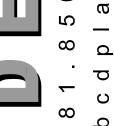


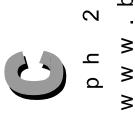




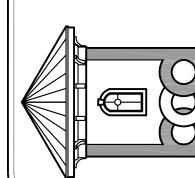














LOCATION: 8904 TAUB RD.

BUILDER: C. GOSHY ENTERPRISES

DATE: 3-7-2013 FIRST 2-25-2013 ORIG.: 2-25-2013 SCALE: 3/8"=1'-0"

CHECKED:

1 BUILDING PLANNING & DESCRIPTION					TION	2 MEANS OF EGRESS 1BC 2006, CHAPTER 10 4 FIRE-RESISTANCE RATED CONSTRUCTION 1BC 2006, CHAPTER 6, 7 and 10							ΓΙΟΝ			
■ NEW CONSTRUCTION □ SHELL BUILDING □ CHANGE OF OCCUPANCY □ LEASE SPACE BUILD-OUT □ SUBSTANTIAL IMPROVEMENT ■ SINGLE OCCUPANCY						MEANS OF EGRESS #0F REQUIRED EXITS #0F EXITS PROVIDED SHEET # Stairways (per floor)										
MIXED	OCCUPANCY	☐ SEPARATED U		NON-SEPARAT	TED	Egress @ grade level	2	5	A-2	,		·			CELAND ADD	
(IBC2006, SECTION 508 MIXED OCCUPANCY PLEASE REFERENCE 508.3.2 OR 508.3.2.3) TYPE OF CONSTRUCTION: V B						(TABLE 1005.1 IBC-200	(TABLE 1005.1 IBC-2006ED) STAIRWAYS (IBC-2006 SEC. 1009) NORTH FOR EACH STAIRWELL)				ING ELEMENTS EDANGE	REC	QUIRED PROVIDED :		STANDARD	
											ARING WALLS		0 0	N/A A-3	N/A U404	
						MINIMUM CLEAR WIDTH PROVIDED (EACH STAIRWELL)36" EGRESS WIDTHS ARE SHOWN ON SHEET:A-3					ARING WALLS		0 0	N/A	N/A	
·	E APPLYING FRONTAGE IN ING VALUATIO		ITION ON COVER	SHEET OR CODE ANAI	LYSIS SHEET.)	ACCESSIBLE AREAS OF REFUGE & 2-WAY COMMUNICATIONS(IBC-2006 SEC. 1007.3 TO 1007.6) EXIT SIGNS / EGRESS ILLUMINATION (IBC-2006 SEC. 1006 & 1011)				EXTERIOR NO	ON-BEARING WALLS		0 0	N/A	N/A	
	SQUARE FOOTA										N-BEARING WALLS		0 0	N/A	N/A	
ESTIMA	ATED COST OF CO	ONSTRUCTION: \$420,000)			REQUIRED AND SHO		FLOOR CONST			0 0	N/A	N/A			
		TRUCTION: \$ 650,475 onstruction use the square footage	ge and multipi	ly by \$75.00.)		EXTERIOR EMERGEN		 `		ROOF CONST			N/A N/A	N/A	N/A	
	R.# EABPRJ381003		AFFIONG			EXIT ACCESS TRA	VEL DISTANCE (HAFTS (Section 707)		N/A N/A	N/A	N/A			
		F LICENSING AND REGUI / (hyperlink) hold Ctrl + clic				OCCUPANCY TYPE	MAX, TRAVEL DISTAL	NCE PROVIDED TRAV	EL SHEET#	CORRIDORS (Section 1017)		1 1	A-3	U404	
_	ne: (512) 463-6599 2) 475-2871	Toll-Free (in Texas): 800-86 Relay Texas-TDD: (800) 73				A-3	200	30	A-2	FIRE RATED I	OOORS (Table 715.4)		1 1	A-3	UL10C	
•	NG NUMBER: 1	` ` `				S-1	200	110	A-2		RTITION WALL (Sect. 70	8)	0 0	N/A	N/A	
	NG NAME: RC PI					В	200	30	A-2	FIRE BARRIE	•		N/A N/A	N/A	N/A	
CAI	LL CENTERPOIN	T ENERGY, AT 713-207-	4460, TO O	BTAIN AN AI	DDRESS	CORRIDOR FIRE R	FSISTANCE RATI	NG (IRC-2006 TARI)	7 1017 1)	FIRE WALL (S	ection 705) DRAFTSTOPS		N/A N/A	N/A	N/A	
PHYSIC	CAL ADDRESS:	8904 TAUB RD, JERSEY VILLAGE	T, TX 77040				CORRIDOR FIRE RESISTANCE RATING (IBC-2006 TABLE 1017.1) OCC. LOAD SERVED BY REQUIRED FIRE SHEET #				YES NO HAVE YOU CHECKED WIDTH OF OPENINGS IN FIRE BARRIER PER IBC 706.7?					
						OCCUPANCY TYPE	CORRIDOR	RESISTANCE RAT	ING STILLET #		FIRE EXTINGUISHING S			es	No	
LEASE	SPACE/SUITE NO	N/A			(12 Di-i4-)	A-3 S-1	2	1	A-3		DUCTION ALLOWED,					
		x#: 027 - 256	000	0042	(13 Digits) —	S-1	5	1	A-3	FIRE SEPARA	TION DISTANCE (FEE	T) * 258	80 44		44	
SHELL	BUILDING PERM	IIT NUMBER: N/A								(REF. SECTI	ON 602 IBC-2006)	NORTH	SOUTH EA	4ST	WEST	
PRIMARY RESPONDING FIRE DEPTARTMENT STATION NUMBER: CYPRESS CREEK VFD, ADDRESS: STA No 24, 11900 CYPRESS N HOUSTON RD, CYPRESS TX 77429						ELEVATORS NEW EXISTING	YES NO	ELEVATOR KEYBOX L	OCATED IN LORBV9		LING CLASSIFICATION	I: PROVIDED	ABC			
	·	urisdictionsearch.aspx	STERLES TA T	, 120						(REF. TABLE	Z 1505. 1, IBC2006)	*ALL FYISTING ST	TRUCTURES TO BE REMOVED) FROM SITE		
		PRO	VIDE A BRIEF D	ESCRIPTION OF THE	E USE AND/OR	3 FIRE PI	ROTECTIO	N SYSTEM	S IBC & IFC 2006 CHAPTER 9	5 XX/A	TED CLIDDI V					
BR	IEF DES	CRIPTION PROFFACI	CESS, PRODUCT	T AND MATERIALS U	JSED IN THIS	A TURON A THE EXPE CORD.	ATEC ED ONOTES (OF OFFICE)		T3/WG 002 ()	5 WA	TER SUPPLY	<u> </u>	1.1	-C 2000 CF	HAPTER 5	
EARRIC/	ATION OFFICES & SHOW	P, FABRICATING OIL DRILLING EQ	LIIDMENT AND	DEDAID		* AUTOMATIC FIRE SPRII		903 & HC FIRE CODE AMENDMI		9.490	GROSS SIZE OF BUILDI	NG IN SO. FT (IA	ICLUDE ALL OVERHA	NGS UNDE	ER ROOF)	
		COMPLETED PRODUCT WILL BE			I BYCKS	PROVIDED AS NOTED ON SHEET 9,490 GROSS SIZE OF BUILDING IN SQ. FT., (INCLUDE ALL OVERHANGS UNDER ROOM TYPE OF SYSTEM PROVIDED: DURATION							,			
		COMPLETED PRODUCT WILL BE	ETTHER IN SHO	P ON LOW HEIGIF	1 RACKS	NFPA 13 ELO OTHER				(REF. IFC-2006 APPENDIX B105.2, APPENDIX D, D105.1 THRU D105.3) 75% REDUCTION YES NO (MUST MAINTAIN MINIMUM OF 1,500 GPM)						
<u> </u>	SIDE THE FACILITY.					NFPA 13R NFPA 13D	ESFR QUICK RESPONSE	NOT REQUIRED PER CO. FIRE CODE (IBC&				•	SI MAINTAIN MINIM	UM OF 1,5	500 GPM)	
								JISHING SYSTEM (SECTION	ON 904)		WATER SUPPLY WITH IT THE MUNICIPAL UTILITY		F			
						(I. E KITCHEN HOOD SYS	STEM, CLEAN AGENT SYSTI	EM, FOAM SYSTEM, etc.)								
		TI TINE AND	T O 4 I	CHAD 2 (TE	C 2006)	PROVIDED AS NOT NOT REQUIRED PE		TYPE OF SYSTEM PROVI	DED		NUMBER OF EXISTING I	HYDRANTS WITHII	N 1000 FEET OF PROJI	ECT		
OC	CUPANC	Y TYPE AND	LOAI	CHAP. 3 & 1	0 (IBC 2006)		& HOSE CONNECTIONS	S (SECTION 005)			SOURCE FOR RURAL A					
OCCUPANCY CLASSIFICATION	OCCUPANCY		^					S (SECTION 903) FYPE OF SYSTEM PROVI	DED		HYDRANT ** EGROUND STORAGE	UNDERGRO OTHER	OUND STORAGE			
TYPES A-1	CLASSIFICATION	SPECIFIC USE		(2)	3	NOT REQUIRED PE	ER SECTION 905				SPECIFICATIONS AND LO		MEET MINIMI IM DEG	ALIIDED W	/ATED	
A-2	A-3	KITCHEN	226 568	200	2	PORTABLE FIRE EXT	INGUISHERS (SECTION S	906)		SUPPLY F	ROM THE FIRE FLOW C	ALCULATOR		SOUCED M		
A-3	S-1	STORAGE	140	300	1		-	UMBER PROVIDED 2 (HIGHLIGHT ON PLANS)		W CALCULATOR NFPA 1 d.org/permits/fc_welcome.ht		Strl + click here			
A-4 A-5	F-2	SHOP AREA	5,149	300	17	* FIRE ALARM AND DETE	CTION SYSTEMS (SECTION	N 907 & HC FIRE CODE AMENDA	(ENTS)		RY HYDRANT DESIGN PL					
В	S-1	MEZZANINE STORAGE	1,673	300	5	PROVIDED AS NOTED					& APPROVAL.			-		
F-1						TYPE OF SYSTEM PROV		MANUAL WITH NOTIF		5.1 FIR	E LANE ACC	CESS	A	PPENDIX	B, C & D	
F-2						COMPLYING WITH H.	C. AMENDMENTS-907.2	ELEVATOR RECALL - S	UPERVISORY	PROVIDED A	AS NOTED ON SHEET NUM	/BER C-3 FO	OR "FIRE LANE LAYOU	IT PLAN" V	WHICH	
H-1 $H-2$						SPRINKLER MONITOR NOTIFICATION COMP		■ NOT REQUIRED PER SI	ECTION 907	SHALL INCI	LUDE THE FOLLOWING: S TIONS HIGH LIGHTED ON	ITE PLAN, FIRE LAN		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
H-3						AMENDMENTS-903.4									_	
H-4						HVAC & AIR DISTRIB (Smoke/fire dampers, duct		ROLS (SECTION 907.12 IF	C 2006)		WILL BE APPROVED <u>COI</u> THE FIRE CODE PLAN REV					
H-5							ED ON SHEET	•		THE BUILD	NG SPECIFICATIONS.					
1-2							VER 2,000 CFM USED IN			PROVID	ING DRY STANDPIPE / W	VALL HYDRANT TO	O COMPLY WITH FIRI	E LANE CO	OVERAGE.	
1-3						NO FIRE/ SMOKE D	AMPERS IN THE BUILD	ING			HEIGHT OVER 20 G AF	DIAL ACCESSIA		OTTEET		
M						SMOKE CONTROL SY					HEIGHT OVER 30 ft., AE <i>(FIRE LANE LAYOUT,GEN</i>					
R-1						PROVIDED AS NOT	TED ON SHEET RR SECTON 909				hcpid.org/permits/fc_welcome					
R-2 R-3													2004 CITA DUDIN 0			
R-4						* REFER TO REGULATIONS AND CODE WORDS: SPRINKLER RISER/FIRE ALARM ROOMS SMOKE AND HEAT VENTILATION (SECTION 910 & TABLE 910.3)				4S 6 INTERIOR FINISH IBC 2006, CHAPTER 8 (PER SECTION 803 AND TABLE 803.5, IBC 2006)					, IBC 2006)	
S-1 S-2						OCCUPANCY GROUP DESIGNATE	D MINIMUM DRAFT MAX. AREA	VENT-AREA- MAX. SPACING MAX	DISTANCE TO VENTS SHOWN	OCCUPANCY	EXITS ENCLOSURES,		ROOMS AND			
U	TOTAL		7,756		30	AND COMMODITY CLASSIFICATION STORAGE HEIGHT (feet)	CURTAIN DEPTH FORMED BY		OM WALL OR DRAFT ON SHEET#	GROUP	EXITS ENCLOSURES, EXIT PASSAGEWAYS	CORRIDORS	ENCLOSED SPACES	SHOW	/N ON SHEET	
	REF. IRC 2006	, TABLE 1004.1.1			_					A-3	В	В	С		A-5	
2	^	FOOTAGE IN EACH OCCUPA	NCY CLASSIF	FICATION.		NOTE: WHERE ARE	EAS OF BUILDINGS ARE	E EQUIPPED WITH EARLY	SUPPRESSION	S-1	В	В	С		A-5	
((2) LIST FLOOR A	REA IN SQUARE FOOT PER	OCCUPANT	FROM IBC TAB	LE 1004.1.1			MATIC SMOKE AND HE		В	R	R	С		A-5	

FAST-RESPONSE (ESFR) SPRINKLERS, AUTOMATIC SMOKE AND HEAT VENTS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS, MEETING LOCAL

JURISDICTION REQUIREMENTS.

ES NO I	F YES, THEN PROVIDE HIGH PILE STO FIRE DEPARTMENT ACCESS DOORS				STORAGE	PD							
ES NO I	TRE DEPARTMENT ACCESS DOORS	DRAGE FORW	I PROV	IDED ON	OOK WEBSI	I.E.							
	FIRE DEPARTMENT ACCESS DOORS												
7 1 ゼメクル	HIGH PILED RACK LAYOUT & CODE A	NALYSIS - SI	HOWN	ON SHE	ET								
	RDOUS MATERL	ALS			IFC 2006, C	HAPTER 27							
ES NO .	*** THIS BUILDING IS DESIGNED FOR	R THE INTEN	Г OF Н.	AZARDO	US MATERIA	L STORAGE							
	IF YES, THEN PROVIDE ALL HMIS SUN	•		S AND MS	SDS'S								
	EMERGENCY ALARM SYSTEM REQUIRED PER IFC 2006												
	BATTERY BACK UP GENERATOR												
	VENTILATION												
ES NO S	SECONDARY CONTAINMENT												
** REFER TO RE	GULATIONS AND CODE WORDS: RI	EQUIREMEN	T FOR	CONSUI	LTANT ENGI	NEER							
8 SPEC	IAL CONDITIONS												
ES NO I	ATRIUM(S)?	YES N	10	SMOKE	CONTROL PE	ER IBC 404.4							
ES NO S	SEPARATION - PER IBC 404.5	YES N	10	ASSEMI	BLY SEATING	; ?							
ES NO 🔳 1	S THIS A HIGH RISE BLDG?	YES N	10	IS THIS	A COVERED I	MALL?							
ES NO 🔳	ANY FUEL STORAGE TANKS?	YES N	10	IS THIS	AN UNDERGE	ROUND BLDG?							
	S THIS AN AIRCRAFT RELATED BLDG ?	YES N	10	IS THIS	A SPECIAL AI	MUSEMENT BLDO							
3.1 COM	MENTS												
A COPY OF	THESE APPROVED C	ONSTRI	JCT	ION I	PLANS N	MUST BE K							
	THESE APPROVED CO												

IFC 2006, CHAPTER 23

7 HIGH PILED STORAGE

WAS ACCEPTED BY HARRIS COUNTY FOR THE PURPOSES LISTED BELOW: REVIEWER'S SIGNATURE BLOCK

PERMIT OFFICE

AS TO COMPLIANCE WITH COUNTY FIRE CODE

THE PROJECT KNOWN AS

RC PRECISION

8904 TAUB RD

THE PROJECT WAS REVIEWED, HOWEVER, THIS DOES NOT MEAN THE ENTIRE PROJECT, INCLUDING ALL SUPPORTING DATA AND CALCULATIONS HAVE BEEN COMPLETELY CHECKED AND VERIFIED. THESE DRAWINGS ARE SIGNED, DATED AND SEALED BY A PROFESSIONAL ENGINEER / ARCHITECT LICENSED TO PRACTICE IN THE STATE OF TEXAS, WHICH THEREFORE CONVEYS THE PROFESSIONAL'S RESPONSIBILITY AND ACCOUNTABILITY. THIS ACCEPTANCE DOES NOT RELIEVE ANY PARTY FROM COMPLYING WITH ANY OTHER LEGALLY ADOPTED REGULATION OR ORDINANCE RELATED TO LAND DEVELOPMENT.

Construction Code

CERTIFICATION

__, A LICENSED PROFESSIONAL ENGINEER/ARCHITECT IN THE STATE OF TEXAS DO HEREBY CERTIFY THAT THE INFORMATION PRESENTED ON THIS SHEET IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I AM/AM NOT A DESIGNER OF RECORD FOR THIS PROJECT. THE PROJECT CONSISTS OF DRAWING SHEETS ____A-1__ THROUGH _A-6 & C-3 . ENGINEERING FIRM <u>DTS ENGINEERING, INC</u> FIRM# <u>F7539</u>



Fire Code Inspection Code

HARRIS COUNTY

3 LIST ALLOWABLE OCCUPANTS PER OCCUPANT CLASSIFICATION.

NOTE EXTRA COLUMNS MAY BE ADDED FOR MULTIPLE STORY BUILDINGS

http://hcpid.org/permits/fc_welcome.html

FIRE CODE DESIGN AND COMPLIANCE REVIEW SHEET VERSION 5.0 (MAY 2011)

(crown molding, chair rail, baseboard, door, window trim, etc.)

FIRE CODE REVISIONS (DO NOT USE THIS BLOCK UNTIL AFTER PERMIT IS ISSUED) REVIEWER'S MANAGER'S REVIEW

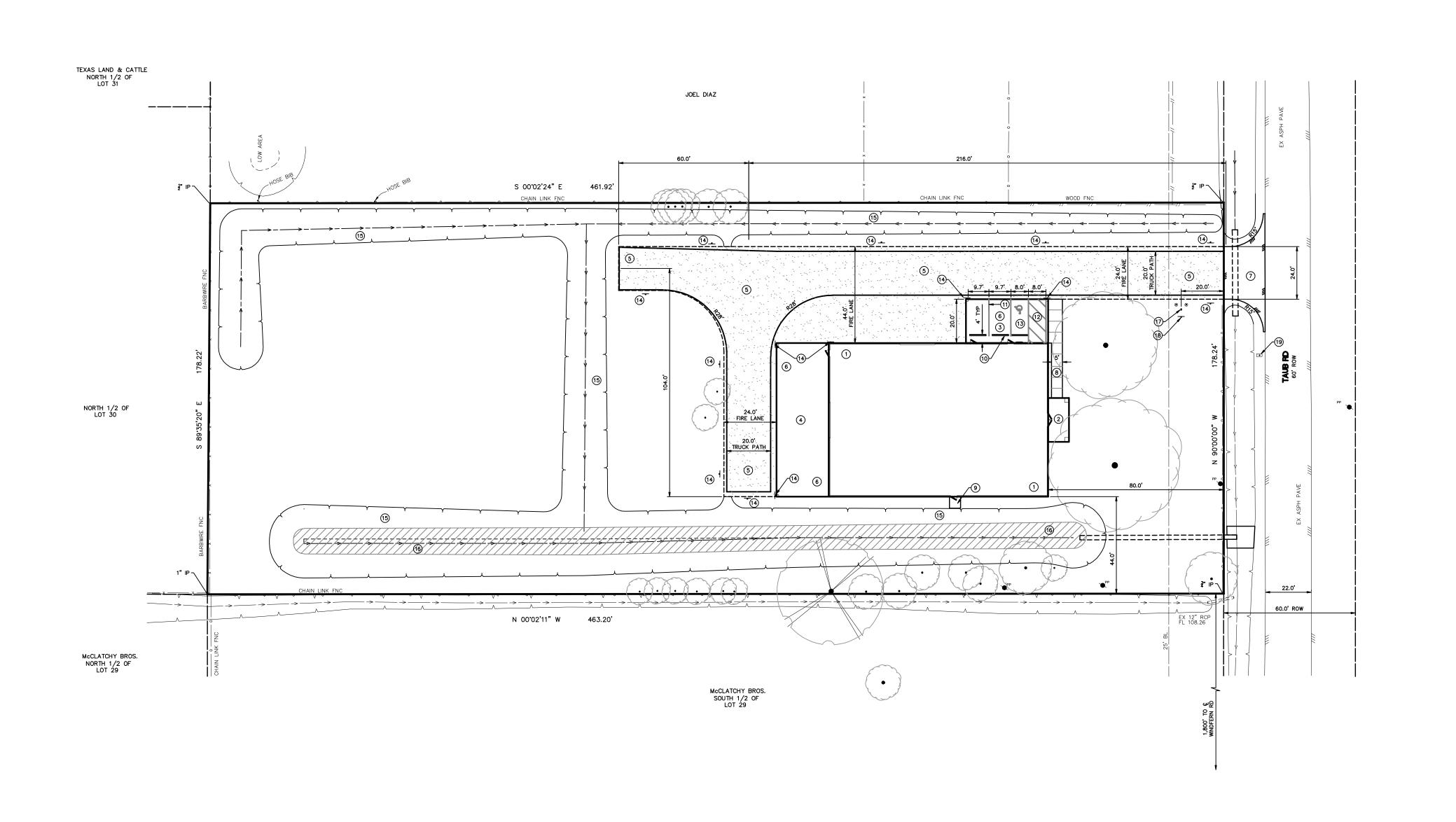
A-6

FIRE CODE

IFC 2006

PROJECT NUMBER

2024272





SCALE: 1"=20'

KEY NOTES

1) PROP FACILITY, 1-STORY, 7,000 SF 2 PROP 10'X20' ENTRY 3 PROP 37'X20' CAR PORT W/ REINFORCED CONCRETE PAVEMENT 4) PROP 70'X24' CAR PORT W/ REINFORCED CONCRETE PAVEMENT 5 PROP 8" CRUSHED CONCRETE/AGGREGATE SURFACE 6 PROP 6" CONCRETE PAVEMENT 7 PROP 2" ASPHALT COMMERCIAL DRIVEWAY 8 PROP 4" REINFORCED CONCRETE SIDEWALK, MAX CROSS SLOPE 1:20 9 PROP 4" CONCRETE LANDING, 5'X5', MAX CROSS SLOPE 1:20 (10) PROP REINFORCED CONCRETE PARKING BLOCK (7'-6"X10"X6" MIN) PINNED TO PAVEMENT 11) PROP 4" PAVEMENT STRIPING, WHITE 12) PROP 4" PAVEMENT STRIPING CROSS HATCH, WHITE @ 45' 4' (3) PROP VAN ACCESSIBLE HANDICAPPED PARKING W/ SYMBOL, WHITE, SIGN (R7-8, 12"X18") AND PANEL (6"X12"), WALL MOUNTED 5' ABOVE FINISHED SURFACE PROP FIRE LANE, SIGN (12"X18"), POST OR WALL MOUNTED 5' ABOVE FINISHED SURFACE, MAX SPACING 75' PROP DETENTION, DRAINAGE & FIRE FIGHTING WATER STORAGE SWALE (6) PROP FIRE FIGHTING WATER STORAGE, APP 28,890 GAL 17 PROP DRY HYDRANT W/ BOLLARDS

NOTE:

 ALL DIMENSIONS MEASURED FROM FACE OF CURB OR EDGE OF PAVEMENT.
 STRUCTURE PARALLEL TO SOUTH PROPERTY LINE.
 PROJECT SITUATED ON 1.8926 AC TRACT BEING WEST PORTION OF SOUTH 1/2 OF LOT 30, NORTH HOUSTON GARDENS No 2.

(B) PROP DRY HYDRANT SIGN (12"X18"), MOUNTED 5' ABOVE FINISHED SURFACE

19 PROP RELOCATION OF EXIST MAIL BOX





PROJECT:		ITE: SITE PLAN					
DESCRIPTION							
DATE							
ISSUE							
REV						L	
CHKD							١.
DWN E	3Y				04	1 /17/	/1
PRJ N	0				U+,	131	_
SHEET							
		<u>`</u>	- (3			