FRENCH LEGATION STATE HISTORIC SITE Visitor Center Addition

Landscape Architect: **Studio Balcones**

702 San Antonio Street Austin, Texas 78701 (512) 383-8815

Civil Engineer: Dunaway | UDG

3660 Stoneridge Road, #E101 Austin, Texas 78746 (512) 306-8252

210 Barton Springs Road, #250 Austin, Texas 78704 (512) 474-4001

MEP Engineer: H2MG, LLC.

8000 W. Interstate 10, #1002 San Antonio, Texas 78702 (210) 525-0220

Security Systems: **Combs Consulting Group**

4425 South MoPac Expressway Building IV, #800 Austin, Texas 78735 (512) 773-6580



802 San Marcos Street Austin, Texas

Structural Engineer: **Tsen Engineering**

Architect: Hutson Gallagher, Inc. 1206 Quail Park Drive Austin, Texas 78758

(512) 960-0013

T.J. Rusk Building 208 E. 10th Street, Suite 327 Austin, Texas 78701

Kitchen Designer:

Cosper & Associates, Inc.

13061 #3 Highway 181 San Antonio, Texas 78223 (210) 633-2020

50% Draft Construction Documents December 06, 2019

Owner: **Texas Historical Commission Historic Sites Division**

Funding Provided By: Friends of the **Texas Historical Commission** Contract No. FTHC_HG_10202019

ABBREVIATIONS

FIR FLU

PSI

@ @FF A/C A-V ACCOM ACT ADA ADD'L ADJ ADD'L ADJ ADMIN AFF AHU ALT ALUM ANOD AP APPROX ARCH ASPH ASST ASTM AUTO AV AVG	At At Finished Floor Air Conditioning Audio-Visual Accommodate Acoustical Acoustical Tile Americans w/ Disabilities Act Additional Adjacent Administration Above Finished Floor Authority Having Jurisdiction Air Handling Unit Alternative/Alternate Aluminum Anodized Access Panel Approximate Architect Asphalt Assistant American Society for Testing & Materials Automatic Audio Visual Alarm Average
BB BRD BIT BLDG BLK(G) B.M. BM(S) BOC BOS BTTM BRK BRNZ BSMT BTWN BUR	Ball-Bearing Board Bitumen Building Block(ing) Benchmark Beam(s) Back of Curb Bottom of Structure Bottom Brick Bronze Basement Between Built-up Roofing
C CAB C.B. CF CG CHAN CI CJ CL CLG CLOS CLR CMU CO CON CONC CONN CONST CONT CONT CONT CONT CONT CONT COR COR COR COR COR COR COR COR COR COR	Conduit Cabinet Catch Basin Cubic Feet Corner Guard Channel Cast Iron Control Joint Center Line Ceiling Closet Clear Concrete Masonry Unit Cased Opening Column Communication Concrete Connection Construction Construction Construction Contractor Coordination or Coordinate Corridor Cast Stone Ceramic Tile Center(ed) Copper Cover Cold Water
DBL DED DEMO DET DF DH DIA DIAG DIFF DISC DISP DIM DIV DN DP DPM DP DPM DR DS DW DWG DWLS DWR	Double Dedicated Demolish, Demolition Detail Drinking Fountain Double Hung Diameter Diagonal(ly) Diffuser Disconnect Dispenser Dimension Division Down Deep Damp-proof Membrane Door Downspout Drywall Drawing Dowels Drawer
e ea ej elect elev emer eme eq equip exh exp. ext exp. bt. exst'g ext ewc	East Each Expansion Joint Electrical Elevation Emergency Expanded Metal Lath Equal Spacing, Equivlant to Equipment Exhaust Expansion Expansion Bolt Existing Exterior Electric Water Cooler
FACP FB FD FDN FE FF(E) FH FHC FIN FIXT FL FL FLG	Fire Alarm Control Panel Face Brick Floor Drain Foundation Fire Extinguisher Finished Floor (Elevation) Fire Hydrant Fire Hose Cabinet Finish(ed) Fixture Flow Line Flashing

GA Gauge GALV Galvanized GC General Contractor GFI Ground Fault Interrupt GL Glass GLZ Glazing GPM Gallons Per Minute GR Grade GRND Ground GYP BD Gypsum Wall Board HE Hose Bib HC Hollow Core or Handicap HCW Hot & Cold Water HD Hot Dipped HDR Header HDR Header HDR Header HDR Hardware HM Hollow Metal HORIZ Horizontal HP High Point or Horse Power HR Hour HT Height HTG Heating HVAC Heat/Ventilation/Air Conditic HWD Hardwood HWH Hot Water Heater ID Inside Diameter I.E. Id Est (That Is) IN Inches INAC Inaccessible INCL Including INFO Information INSUL Insulation INT Interior INSUL Insulation INT Interior INV Invert JAN Janitor JNT Joint JST Joist L Length Laft Hand Side LL Live Load LF Lipe POID OR Lightning Pro LT Light Pole OR Lightning Pro LT Light Maufacturer MAS Masonry MATL Material MANUF Manufacturer MAS Masonry MATL Material MANUF Manufacturer MAS Masonry Opening MD Modified/Modify MTD Mounted MTH Manfacturer MAC Not Accessible NIR Mirror MGR Manager MKR Marker MO Masonry Opening MD Modified/Modify MTD Mounted MTL Material NTN North NA Not Applicable NAC Not Accessible NIC Not In Contract NO Number NOM Nominal NTS Not to Scale OC On Center OCEW On Center Each Way OD Overflow Drain/Outside Diar OFG Opening OPP Opposite Hand OPF Page Page PLAT Plater Plater Plater PLAT Plater Oppoing PP Payer Plater PLAT Plater Plater PLAT	FLUOR FO FOF FOS FP FR FS FT FTG FURN FURR FURR FUT FV FXD	Fluorescent Finished Opening Face of Finish Face of Stud Fire Proof Fire Resistant Full Size Feet/Foot Footing Furnished/Furniture Furring Future Field Verify Fixed
HB Hose Bib HC Hollow Core or Handicap HCW Hot & Cold Water HD Hot Dipped HDR Header HDWR Hardware HM Hollow Metal HORIZ Horizontal HP High Point or Horse Power HR Hour HT Heating HVAC Heating HVAC Heating HVAC Heating HWH Hot Water Heater ID Inside Diameter I.E. Id Est (That Is) IN Inches INAC Inaccessible INCL Including INFO Information INSUL Insulation INT Joint JAN Janitor JNT Joint JST Joist L Length LAMIN Laminated LAV Lavatory LBS Pounds LF Linet Hand LH Left Hand	GA GALV GC GFI GL GLZ GPM GR GRND GYP BD	Gauge Galvanized General Contractor Ground Fault Interrupt Glass Glazing Gallons Per Minute Grade Ground Gypsum Wall Board
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JAN Janitor JNT Joint JST Joist L Length LAW Lavatory LBS Pounds LF Linear Foot LH Left Hand LHS Left Hand Side LL Live Load LP Light Pole <i>OR</i> Lightning Pro LT Light Pole <i>OR</i> Lightning Pro LT Light Weight LTWT Light Weight LTWT Light Manufacturer MAS Masonry MATL Material MANUF Manufacturer MAX Maximum MBR Member MDF Medium Density Fiber Board MED Medium MEP Mechanical, Electrical, Plur MFG. Manufactur(er)(ing) MH Manhole MIN Minimum MISC Miscellaneous MIR Marker MO Masonry Opening MOD Modified/Modify MTD Mounted MTL Metal N North NA Not Applicable NAC Not Accessible NIC Not In Contract NOM Nominal NTS Not to Scale OC On Center OCEW On Center Each Way OD Overflow Drain/Outside Diar OH Opposite Hand OP'G Opening OPP Opposite NGB Oriented Strand Board OVHD Overflead Strand Board OVHD Overhead OZ Ounce P & I Provide and Install PC Photo Cell PG Page PK Parking PL Platet or Plateline PLAST Plaster PLUM Plumbing P-LAM Plastic Laminate PM Project Manual PNL Panel PO Plaster Opening PP Ower Pole PR Pair PREFAB Prefabricated PSE Provide and Puster Surer Fust	ID I.E. IN INAC INCL INFO INSUL INT INV	Inside Diameter Id Est (That Is) Inches Inaccessible Including Information Insulation Interior Invert
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MASMasonryMATLMaterialMANUFManufacturerMAXMaximumMBRMemberMDFMedium Density Fiber BoardMECHMechanicalMEDMediumMEPMechanical, Electrical, PlumMFG.Manufactur(er)(ing)MHManholeMINMinimumMISCMiscellaneousMIRMirrorMGRManagerMKRMarkerMOMoontedMTLMetalNNorthNANot ApplicableNACNot AccessibleNICNot In ContractNONumberNOMNominalNTSNot to ScaleOCOn CenterOCEWOn Center Each WayODOverflow Drain/Outside DiarOHOppositeOBOriented Strand BoardOVHDOverflow CallP& 1Provide and InstallPCPlate or PlatelinePLASTPlasterPLUMPlumbingP-LAMPlaster OpeningPPPower PolePRPairPREFABPrefabricatedPSEDower PolePRPairPREFABPrefabricatedPSEPower PolePRPairPREFABPrefabricatedPSEPower PolePRPairPREFABPrefabricatedPSEPower PolePR <t< td=""><td>L LAMIN LAV LBS LF LH LHS LHS LL LT LT LTWT LVR</td><td>Length Laminated Lavatory Pounds Linear Foot Left Hand Left Hand Side Live Load Light Pole <i>OR</i> Lightning Pro Light Light Weight Louver</td></t<>	L LAMIN LAV LBS LF LH LHS LHS LL LT LT LTWT LVR	Length Laminated Lavatory Pounds Linear Foot Left Hand Left Hand Side Live Load Light Pole <i>OR</i> Lightning Pro Light Light Weight Louver
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OCOn CenterOCEWOn Center Each WayODOverflow Drain/Outside DiarOHOpposite HandOP'GOpeningOPPOppositeOSBOriented Strand BoardOVHDOverheadOZOunceP & IProvide and InstallPCPhoto CellPGPagePKParkingPLPlate or PlatelinePLASTPlasterPLUMPlumbingP-LAMPlastic LaminatePMProject ManualPNLPanelPOPlaster OpeningPPPower PolePRPairPREFABPrefabricatedPSPounde per Severe Fact	N NA NAC NIC NO NOM NTS	North Not Applicable Not Accessible Not In Contract Number Nominal Not to Scale
P & IProvide and InstallPCPhoto CellPGPagePKParkingPLPlate or PlatelinePLASTPlasterPLUMPlumbingP-LAMPlastic LaminatePMProject ManualPNLPanelPOPlaster OpeningPPPower PolePRPairPREFABPrefabricatedPSPoundo per Struct	OC OCEW OD OH OP'G OPP OSB OVHD OZ	On Center On Center Each Way Overflow Drain/Outside Diar Opposite Hand Opening Opposite Oriented Strand Board Overhead Ounce
FOF FOUNDS PER SQUARE FOOT	P & I PC PG PK PL PLAST PLUM P-LAM PM PNL PO PP PR PREFAB PSF	Provide and Install Photo Cell Page Parking Plate or Plateline Plaster Plumbing Plastic Laminate Project Manual Panel Plaster Opening Power Pole Pair Prefabricated Pounds per Square Foot

	P.T. PTD PTN PUE PVC PVMT PWD	Pressure Treated Painted Partition Public Utility Easement Polyvinyl Chloride Pavement Plywood
- P	QTR R/A RAD RAG RAP RCP RD RECOM RE/REF REFG REFL REFG REFL REQD RES RESID RET RES RESID RET REV R.F. RFG RHS RM RO ROW RR RSP	Quarter Return Air Radius Return Air Grill Remote Annunciator Panel Reflected Ceiling Plan Roof Drain Recommendation Refer/Reference Refrigerator Reflected Required Brequired Brequired Brequirements Resilient Residual Retaining Revision Roofing Felt Roofing Right Hand Side Room Rough Opening Right Of Way Restroom(s) Rosin-Sized Paper
er lition	S SALV SAU SC SCH'D SD SECT SF SH SHT SHT SHTG SH SHTG SK SL SM SMACNA	South Salvaged Self-Adhering Underlayment Solid Core Scale Scheduled Storm Drain Section Square Feet Single Hung Sheet Similar Sheathing, Sheeting Sink Slope Smooth Sheet Metal & Air Conditionin National Association, Inc.
Protection	SOS SPECS SPEC'D SQ SS STD STIFF STL STO STRUCT SUSP SW SYM T&G	Similar Opposite Side Specifications Specified Square Stainless Steel Standard Stiffener Steel Storage Structural Suspended Switch Symmetrical
oard umbing	TAS T.C. TEL TEMP THC THK TJ T.O.C. TOB(M) T.O.M. T.O.S. TOT T.O.W. TS T-STAT TRANSF TRTD TSL TYP.	Texas Accessibility Standards Top of Curb Telephone Tempered, Temporary Texas Historical Commission Thick(ness) Tooled Joint Top of Concrete or Curb Top of Beam Top of Masonry Top of Steel Total Top of Steel Total Tube Steel Thermostat Transformer Pressure-Treated Top of Slab Typical
Diameter	UL U/S UC UGD UNFIN. UNO UP UR VB VCT VEN VERT VEST VIF VFY VOI	Underwriter's Laboratory Underside Undercut Underground Drain Unfinished Unless Noted Otherwise Utility Pole Urinal Vapor Barrier Vinyl Composition Tile Veneer Vertical Vestibule Verify in Field Verify Volume
	W W/O WC WD WDW WG WH WM WP WT WWM WVF	Width, Wide, West With Without Water Closet Wood Window Wire Glass Water Heater Water Meter Waterproof(ing) Weight Welded Wire Mesh Welded Wire Fabric
	#	Pounds

Metal & Air Conditioning

Accessibility Standards

GENERAL NOTES

INSPECTIONS WITH THE CITY OF EDINBURG AS REQUIRED.

TAX EXEMPTION: THIS PROJECT IS TAX EXEMPT. A TAX EXEMPT CERTIFICATE WILL BE PROVIDED BY OWNER UPON REQUEST

FAMILIARITY WITH CONDITIONS: THE CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK AND FULLY ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS RELATING TO CONSTRUCTION AND LABOR, AND SHALL FULLY INFORM HIMSELF AS TO THE FACILITIES INVOLVED, THE DIFFICULTIES, RESTRICTIONS, AND LOGICAL EXTENSIONS OF SCOPE ATTENDING THE PERFORMANCE OF THE CONTRACT. THE CONTRACTOR SHALL THOROUGHLY EXAMINE AND FAMILIARIZE HIMSELF WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR BY THE EXECUTION OF THE CONTRACT SHALL IN NO WAY BE RELIEVED OF ANY OBLIGATION UNDER THE CONTRACT BECAUSE OF LUE FAMILIARIZE AND FOR ANY FORM OF LEGAL DOCUMENTS. OF HIS FAILURE TO RECEIVE OR EXAMINE ANY FORM OR LEGAL DOCUMENT OR TO VISIT THE SITE AND INFORM HIMSELF THOROUGHLY REGARDING ANY AND ALL CONDITIONS AND REQUIREMENTS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE PERFORMED UNDER THE CONTRACT. LACK OF KNOWLEDGE ON THE PART OF THE CONTRACTOR WILL IN NO WAY RELIEVE HIM OF THE OBLIGATIONS AND RESPONSIBILITIES ASSUMED UNDER THE CONTRACT

WORK IN HISTORICAL BUILDINGS AND SITES: HISTORICAL DESIGNATION OF THIS BUILDING REQUIRES CONTRACTOR TO EXERCISE SPECIAL CAUTION IN EXECUTING ALL STAGES OF WORK TO PREVENT UNNECESSARY DAMAGE TO HISTORICAL FEATURES, CONDITIONS, OR MATERIALS, CONTRACTOR TO APPRISE ALL SUB-CONTRACTORS AND WORKMEN OF SPECIAL PRECAUTIONS REQUIRED WHEN WORKING WITH HISTORIC BUILDINGS. CONTRACTOR TO MONITOR THE WORK OF ALL TRADES TO PREVENT UNNECESSARY OR OTHERWISE AVOIDABLE DAMAGE TO HISTORICAL FEATURES, CONDITIONS, OR MATERIALS. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT AND OWNER AS CONCEALED HISTORICAL CONDITIONS ARE UNCOVERED DURING THE COURSE OF THE WORK AND SHALL ALLOW AND FACILITATE THE DOCUMENTATION OF THOSE CONDITIONS.

THE WORK.

VERIFICATION OF DIMENSIONS: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, BUILDING ELEVATIONS AND CONDITIONS BOTH EXISTING AND NEW. REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT BEFORE BEGINNING ANY PHASE OF WORK. DO NOT SCALE DRAWINGS. ALL NEW PARTITIONS SHALL BE MARKED ON THE EXISTING FLOOR SURFACE FOR REVIEW BY THE ARCHITECT PRIOR TO WALL CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL ACCURATE FIELD DIMENSIONS AND MEASUREMENTS INCLUDING SLOPE.

PROTECTION OF BUILDING AND SITE: CONTRACTOR SHALL PROTECT ALL SURFACES NOT SCHEDULED FOR WORK UNDER THIS CONTRACT. ANY DAMAGE TO THE EXISTING STRUCTURE AND SITE THAT OCCURS FOLLOWING THE NOTICE TO PROCEED SHALL BE CORRECTED TO PRE-CONSTRUCTION CONDITION AT NO EXPENSE TO THE OWNER. CONTRACTOR SHALL KEEP THE BUILDING SECURE AND WEATHER-TIGHT AT ALL TIMES. ALL NEW PENETRATIONS SHALL BE MARKED ON THE EXISTING SURFACES FOR REVIEW BY THE ARCHITECT PRIOR TO THEIR DEMOLITION.

INTERIOR CLIMATE CONTROLS: INTERIOR FINISH WORK SHALL NOT PROCEED UNTIL INTERIOR WALLS ARE SUFFICIENTLY DRIED TO RECEIVE NEW FINISHES. CONTRACTOR SHALL MONITOR WALL MOISTURE CONTENT ON A BI-WEEKLY BASIS AND SHALL REPORT FINDINGS TO ARCHITECT.

INTERIOR TEMPERATURE AND HUMIDITY CONTROLS SHALL BE STABLE FOR A MINIMUM OF 24 HOURS PRIOR TO COMMENCEMENT OF FINISH WORK AS REQUIRED IN APPLICABLE DIVISION 9 SECTIONS, AND REMAIN STABLE THROUGH PROJECT COMPLETION. TEMPORARY HEAT SHALL BE PROVIDED AS NEEDED TO PREVENT CONDENSATION ON THE WALLS AND CEILINGS THROUGHOUT THE COURSE OF THE WORK.

HAZARDOUS MATERIALS ABATEMENT/MANAGEMENT: THE OWNER HAS PERFORMED ASBESTOS ABATEMENT WITHIN THE BUILDING UNDER A SEPERATE CONTRACT. CONTRACTOR'S TREATMENT PROCEDURES MUST PROVIDE OSHA COMPLIANT WORKER PROTECTION AND ENSURE THE PROTECTION OF THE BUILDING'S HISTORIC FABRIC. THE ARCHITECT HAS NO RESPONSIBILITY OR LIABILITY FOR DESIGN, REMOVAL OF, OR TESTING FOR HAZARDOUS MATERIALS, BUT WILL REVIEW MOCK UPS FOR HISTORIC MATERIAL PROTECTION. CONTRACTOR SHALL ASSUME ALL EXISTING PAINT CONTAINS LEAD. CONTRACTOR SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS REGARDING THE PROPER AND SAFE MANAGEMENT, REMOVAL AND DISPOSAL OF LEAD-CONTAINING PAINTS AND WASTE MATERIALS GENERATED BY FINISH REMOVAL

BUILDING MAINTENANCE: MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION. AREAS USED AS PATHWAYS TO TRANSPORT MATERIALS OR TO REMOVE TRASH THAT ARE NOT DIRECTLY UNDER CONSTRUCTION ARE TO BE KEPT CLEAN. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, DUSTING, SWEEPING, AND MOPPING.

DFTAILS.

FIRE PROTECTION: NO SMOKING SHALL BE PERMITTED IN THE BUILDING. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FIRE EXTINGUISHERS AT EACH FLOOR OF THE BUILDING UNTIL SUBSTANTIAL COMPLETION. ACCESSIBILITY: ALL NEW SIDEWALKS, STEPS, RAMPS, RESTROOMS, AND ELEVATORS, ETC. ARE TO COMPLY FULLY

WITH THE TEXAS ACCESSIBILITY STANDARDS AND THE AMERICANS WITH DISABILITIES ACT. **TEMPORARY FACILITIES**: COORDINATE LOCATION AND PLACEMENT OF CONSTRUCTION FENCE, FIELD OFFICE, MATERIAL STORAGE, PORTABLE TOILET, DUMPSTER, ETC. WITH ARCHITECT AND OWNER PRIOR TO CONSTRUCTION. REFER TO SECTION 015000 - TEMPORARY FACILITIES.

SAFETY: PERFORM ALL WORK IN A SAFE AND CONSCIENTIOUS MANNER TO PREVENT INJURIES AND DAMAGE TO THE BUILDING, ITS CONTENTS, OR ITS SURROUNDINGS. CONTRACTOR SHALL MAINTAIN OSHA STANDARDS FOR JOB SAFETY AND WORKER PROTECTION AND COMPLY WITH ALL REQUIREMENTS OF THE HEALTH AND SAFETY CODE OF TEXAS, CHAPTER 756, SUBCHAPTER C FOR ADEQUATE TRENCH PROTECTION, BARRICADES, SIGNS, ETC

STORAGE: ESTABLISH A SECURE STORAGE AREA FOR ALL ITEMS MARKED "REMOVE FOR REINSTALLATION" OR "REMOVE AND SALVAGE". STORAGE IS TO BE A PROTECTED, SECURE, WEATHERPROOF LOCATION TO PREVENT DAMAGE TO MATERIALS. COORD W/ OWNER.

SYMBOLS

	BRICK MASONRY
	CONCRETE BLOCK MASONRY
4 4 4	CONCRETE
	FRAMING WOOD
	BLOCKING
	FINISHED WOOD
	EARTH

REFERENCES



TYPICAL MOUNTING HEIGHTS

Pounds per Square Inch



CODE COMPLIANCE: ALL WORK PERFORMED SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE, FEDERAL, AND LOCAL CODES, ORDINANCES, AND LAWS, INCLUDING, AS A MINIMUM STANDARD, THE <u>2012 INTERNATIONAL BUILDING</u>.

PERMITTING: CONTRACTOR SHALL APPLY FOR AND FUND ALL APPLICABLE PERMITS AND COORDINATE ALL

COORDINATION: CONTRACTOR SHALL COORDINATE WORK BETWEEN ALL TRADES IN THIS CONTRACT. ANY CONFLICTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO THE WORK BEING INSTALLED. FAILURE TO DO SO WILL MAKE THE CONTRACTOR RESPONSIBLE FOR THE COST TO CORRECT THE WORK.

ID DOCUMENTS: THE INFORMATION CONTAINED IN THESE CONSTRUCTION DOCUMENTS (DRAWINGS) IS IN ITSELF INCOMPLETE AND VOID UNLESS USED IN CONJUNCTION WITH ALL OF THE CONTRACT DOCUMENTS AND WITH ALL OF THE SPECIFICATIONS, TRADE PRACTICES, OR APPLICABLE STANDARDS, CODES, ETC. INCORPORATED THEREIN BY REFERENCE WHICH THE CONTRACTOR CERTIFIES KNOWLEDGE OF BY SIGNING THE CONTRACT.

IF, DURING THE COURSE OF EXCAVATION, ARTIFACTS ARE DISCOVERED BELOW GRADE, STOP WORK IN THE AREA AND IMMEDIATELY CONTACT THE OWNER AND THE ARCHITECT TO COORDINATE ARCHEOLOGICAL DOCUMENTATION.

THIS PROJECT IS FUNDED, IN PART, BY A GRANT FROM THE TEXAS HISTORICAL COMMISSION (THC) WHICH HAS REVIEWED AND APPROVED THE WORK REPRESENTED IN THE DRAWINGS AND SPECIFICATIONS. THC RETAINS REVIEW AUTHORITY OF ALL CHANGES, MODIFICATIONS, SUBSTITUTIONS, ETC. FROM TIME TO TIME, REPRESENTATIVES OF THC SHALL VISIT THE SITE TO OBSERVE THE PROGRESS OF THE WORK AND THE CONTRACTOR SHALL PROVIDE ACCESS TO

WARRANTY: ALL WORK SHALL BE WARRANTED BY THE CONSTRUCTION MANAGER. REFER TO THE GENERAL CONDITIONS OF THE CONTRACT AND INDIVIDUAL SECTIONS OF DIVISIONS 2 THROUGH 26 FOR SPECIFIC WARRANTY

ONRY	

PLYWOOD

	BATT INSULATION
4 4 4	PLASTER OR STUCCO

STEEL



120 ROOM NUMBER

(203) WINDOW NUMBER

DOOR NUMBER

CENTER LINE Ç

STREET VIEW



SHEET LIST

A-000 SYMBOLS, GEN'L NOTES & ABBREV

SITE IMPROVEMENTS:

A-001	SITE PLAN - DEMOLITION (NOT INCLUDED)
A-002	PARTIAL SITE PLAN - REHABILITATION
C-100	CIVIL - DRAINAGE PLAN (NOT INCLUDED)

LANDSCAPE:

L-100 ADDITION SITE PLAN

VISITOR CENTER ADDITION:

ARCHITECTURAL:

- A-121 FIRST FLOOR PLAN
- A-122 ROOF PLAN A-141 REFLECTED CEILING PLAN
- A-220 SOUTH & EAST ELEVATIONS
- A-221 NORTH & WEST ELEVATIONS A-400 RESTROOMS & MISC. DETAILS
- A-401 MISC. DETAILS
- A-620 SCHEDULES RM /WDW /DOORS

STAGING KITCHEN:

- FS-1 KITCHEN EQUIPMENT FLOOR PLA FS-2 KITCHEN ROUGH-IN FLOOR PLAN
- **STRUCTURAL:**

S-100 STRUCTURAL NOTES

- SPECIAL INSTRUCTIONS S-101
- S-120 FOUNDATION & ROOF FRAMING PLAN S-510 TYPICAL DETAILS
- FOUNDATION DETAILS S-511
- S-512 FRAMING DETAILS

MECHANICAL:

- M-100 MECHANICAL SYMBOLS & SCHEDULES M-111
- DEMOLITION MECHANICAL ADDITION MECHANICAL M-112

ELECTRICAL:

- E-100 ELECTRICAL SYMBOLS & LEGEND
- E-111 VISITOR CENTER ELECTRICAL DEMOLITION
- E-112 VISITOR CENTER ADDITION LIGHTING (SEE A-141)
- E-113 VISITOR CENTER ADDITION PLAN POWER E-400 ELECTRICAL DIAGRAMS

PLUMBING:

- P-111 DEMOLITION PLUMBING ADDITION PLUMBING - UNDER FLOOR P-112
- P-113 ADDITION PLUMBING

SECURITY:

T-001K	SYMBOLS AND LEGENDS
T-122K	VISITOR CENTER ADDITION FLOOR PLAN
T-511K	SECURITY SYSTEM DETAILS

STONE NEW WOOD OR METAL STUD PARTITION OR SHAFT WALL

<u>REGIONAL MAP</u>







REVIEW SET ONLY

NOT FOR REGULATORY

APPROVAL, PERMITTING

OR CONSTRUCTION

CHRISTOPHER E.

PROJECT NO: FTHC HG 10202019 12/06/2019 DATE:

SHEET NAME: SYMBOLS. GEN. NOTES & ABBREVIATIONS SHEET NO:







GENERAL SITE NOTES

- A. THE FRENCH LEGATION STATE HISTORIC SITE IS A STATE ANTIQUITIES LANDMARK (SAL). THIS DESIGNATION PROVIDES LEGAL PROTECTION UNDER THE ANTIQUITIES CODE OF TEXAS AND REQUIRES REVIEW AND PERMITTING FROM THE TEXAS HISTORICAL COMMISSION. IF DURING THE COURSE OF DEMOLITION OR EXCAVATION, ARTIFACTS ARE DISCOVERED BELOW GRADE, STOP WORK IN THE AREA AND IMMEDIATELY CONTACT THE OWNER AND THE ARCHITECT TO COORDINATE DOCUMENTATION ACCORDING TO PERMIT REQUIREMENTS. MARK PLANNED EXCAVATION AREAS PRIOR TO WORK AND REVIEW LOCATIONS WITH OWNER AND ARCHITECT AT LEAST FIVE BUSINESS DAYS BEFORE WORK IS SCHEDULED TO COMMENCE.
- B. LAYOUT NEW RETAINING WALLS AND WALKWAYS ON SITE FOR APPROVAL PRIOR TO EXCAVATION AND CONSTRUCTION. PROVIDE SUB-GRADE CONDUIT THROUGH RETAINING WALL FOOTINGS TO CONNECT UTILITIES AND LAWN SPRINKLER AS NEEDED.
- C. PROTECT EXISTING-TO-REMAIN TREES ADJACENT TO AREAS OF WORK. PROTECT TREE & ROOTS FROM DAMAGE DURING CONSTRUCTION ACTIVITIES. REFER TO LANDSCAPE DWGS FOR TREE AND ROOT PROTECTION.
- D. PROTECT SOD, LANDSCAPING, SITE LIGHTING, SIDEWALKS, STREET PAVING AND SITE FEATURES FROM DAMAGE AS NEEDED. IF DAMAGED, REPAIR TO MATCH PRE-CONSTRUCTION CONDITION PRIOR TO COMPLETION OF CONTRACT.
- E. INSPECT EXISTING LAWN SPRINKLER SYSTEM, AND REPAIR AS REQUIRED TO MAINTAIN FULLY FUNCTIONAL SYSTEM. REFER TO LANDSCAPE DRAWINGS FOR WATERING AT NEW PLANTING BEDS. VERIFY NO NEW OR EXISTING SPRINKLER HEADS DIRECT WATER ONTO
- COORDINATE REMOVAL OF EXISTING UTILITY POLE AND INSTALLATION OF NEW SUB-GRADE ELECTRICAL SERVICE AND METER WITH AUSTIN ENERGY.



allagh utson

a s s ail Park Drive Texas 78758 512) 960-0013 onGallagher.com 1206 Qu Austin, Phone: www.Hut

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PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE:

SHEET NAME: SITE PLAN -VISITOR CENTER ADDITION SHEET NO:

A-002



802 $\boldsymbol{\mathcal{O}}$ PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019 SHEET NAME: KITCHEN ADDITION SITE PLAN SHEET NO:

0 \triangleleft Ξ \mathcal{O} \mathbf{F} \mathbf{H} 2 12 San

k Drive 7875 60-001 3 P × A il e **n** . utson 1206 Q Austin Phone: www.Hu

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strictly prohibited.

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STUDIO LANDSCAPE ARCH

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L100





GENERAL CONSTRUCTION NOTES

- A. REF. GEN SITE NOTES FOR EXCAVATION REQUIREMENTS ON SITE.
- COORDINATE ALL SUBGRADE PLUMBING, SITE DRAINAGE, ELECTRICAL, ALARM AND TELECOM REQUIREMENTS WITH OTHER TRADES AND CITY OF AUSTIN AND APPLICABLE UTILITY PROVIDER STANDARDS. ALL REQUIRED PERMITS FOR UTILITY WORK AND REQUIRED INSPECTIONS TO BE PAID BY THE CONTRACTOR. R
- C. VERIFY FLOOR ELEVATIONS AND SITE GRADING PRIOR TO EXCAVATION. D. ALL EXTERRIOR TRIM AND SIDING AT ADDITION TO BE PAINTED. REFER TO FINISH SCHEDULE NOTES ON SHEET A-XXX FOR ADDITIONAL FINISH INFORMATION.
- E. ALL NEW DOOR AND WINDOW TRIM TO MATCH EXISTING. PROVIDE SAMPLES FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION. NEW WOOD SHALL BE POPLAR, CLEAR WHITE PINE OR APPROVED EQUAL FREE OF KNOTS.
- F. PROVIDE SOLID WOOD BLOCKING IN WALLS AS NEEDED TO INSTALL CABINETS AND MOUNT ACCESSORIES.
- G. SALVAGE AND RE-USE EXISTING WOOD SIDING AT VISITOR CENTER WHERE REMOVED FOR ADDITION.
- H. EXISTING AND NEW LOCATIONS OF SECURITY AND FIRE ALARM DEVICES ARE FOR REFERENCE ONLY CONFIRM EXACT LOCATIONS AND MOUNTING HEIGHTS W/ ARCHITECT DURING CONSTRUCTION.
- PROVIDE \$2,500 ALLOWANCE FOR REPAIR OF ROTTED DECKING AND DORMER SIDING AT ROOF OF VISITOR CENTER.
- G. SIGNAGE: REFER TO SPECIFICATIONS AND DETAILS PROVIDED BY OWNER FOR NEW WAYFINDING AND ROOM IDENTIFICATION SIGNS. ALL SIGNAGE AND MOUNTING LOCATIONS SHALL COMPLY WITH TEXAS ACCESSIBILITY STANDARDS.



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PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

SHEET NAME: FLOOR PLAN -VISITOR CENTER ADDITION SHEET NO:

A-121



DIMENSIONAL ASPHALT SHINGLES OVER SYNTHETIC UNDERLAYMENT (DIAMOND DECK OR APPROVED EQUAL) -----









PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

SHEET NAME: ROOF PLAN -VISITOR CENTER ADDITION SHEET NO:

A-122









PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

SHEET NAME: REFLECTED CEILING PLAN - VISITOR CENTER & ADDITION SHEET NO:

A-141



EXTERIOR SOUTH ELEVATION - VISITOR CENTER ADDITION (B1) SCALE: 1/4" = 1'-0"





GENERAL CONSTRUCTION NOTES

- A. REF. GEN SITE NOTES FOR EXCAVATION REQUIREMENTS ON SITE.
- COORDINATE ALL SUBGRADE PLUMBING, SITE DRAINAGE, ELECTRICAL, ALARM AND TELECOM REQUIREMENTS WITH OTHER TRADES AND CITY OF AUSTIN AND APPLICABLE UTILITY PROVIDER STANDARDS. ALL REQUIRED PERMITS FOR UTILITY WORK AND R REQUIRED INSPECTIONS TO BE PAID BY THE CONTRACTOR.
- C. VERIFY FLOOR ELEVATIONS AND SITE GRADING PRIOR TO EXCAVATION. D. ALL EXTERRIOR TRIM AND SIDING AT ADDITION TO BE PAINTED. REFER TO FINISH SCHEDULE NOTES ON SHEET A-XXX FOR ADDITIONAL FINISH INFORMATION.
- E. ALL NEW DOOR AND WINDOW TRIM TO MATCH EXISTING. PROVIDE SAMPLES FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION. NEW WOOD SHALL BE POPLAR, CLEAR WHITE PINE OR APPROVED EQUAL FREE OF KNOTS.
- PROVIDE SOLID WOOD BLOCKING IN WALLS AS NEEDED TO INSTALL CABINETS AND MOUNT ACCESSORIES.
- SALVAGE AND RE-USE EXISTING WOOD SIDING AT VISITOR CENTER WHERE REMOVED G. FOR ADDITION.
- H. EXISTING AND NEW LOCATIONS OF SECURITY AND FIRE ALARM DEVICES ARE FOR REFERENCE ONLY CONFIRM EXACT LOCATIONS AND MOUNTING HEIGHTS W/ ARCHITECT DURING CONSTRUCTION.
- I. PROVIDE \$2,500 ALLOWANCE FOR REPAIR OF ROTTED DECKING AND DORMER SIDING AT ROOF OF VISITOR CENTER.
- G. SIGNAGE: REFER TO SPECIFICATIONS AND DETAILS PROVIDED BY OWNER FOR NEW WAYFINDING AND ROOM IDENTIFICATION SIGNS. ALL SIGNAGE AND MOUNTING Ι ΟΩΔΤΙΩΝΆ SHALL COMPLY WITH TEXAS ΔΟΩΕSSIBILITY STANDARDS

14'-5" A.F.F. T/ ROOF

8'-8" A.F.F. B/ CEILING BOARDS

7'-9 -3/4" A.F.F. B/ BEAM

18'-11" A.F.F. T/ ROOF (BEYOND)

14'-5" A.F.F. T/ ROOF

-DIMENSIONAL ASPHALT SHINGLES OVER SYNTHETIC UNDERLAYMENT (DIAMOND DECK OR APPROVED EQUAL)

- MATCH EXIST'G CROWN MOULD AT VISITOR CENTER

- 5/16" HARDIPLANK SMOOTH LAP SIDING MATCH EXPOSURE AT **VISITOR CENTER - PAINT COLOR TBD**

APPROXIMATE LINE OF EXCAVATION AT NEW EAST ADDITION WALL

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OR CONSTRUCTION

CHRISTOPHER E. HUTSON

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PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE:

SHEET NAME: EAST/SOUTH ELEV -VISITOR CENTER ADDITION SHEET NO:

A-221







EXTERIOR WEST ELEVATION - VISITOR CENTER ADDITION (A1) $\frac{EXTENTO}{SCALE: 1/4'' = 1'-0''}$

GENERAL CONSTRUCTION NOTES

- A. REF. GEN SITE NOTES FOR EXCAVATION REQUIREMENTS ON SITE.
- COORDINATE ALL SUBGRADE PLUMBING, SITE DRAINAGE, ELECTRICAL, ALARM AND TELECOM REQUIREMENTS WITH OTHER TRADES AND CITY OF AUSTIN AND APPLICABLE UTILITY PROVIDER STANDARDS. ALL REQUIRED PERMITS FOR UTILITY WORK AND R REQUIRED INSPECTIONS TO BE PAID BY THE CONTRACTOR.
- C. VERIFY FLOOR ELEVATIONS AND SITE GRADING PRIOR TO EXCAVATION. D. ALL EXTERRIOR TRIM AND SIDING AT ADDITION TO BE PAINTED. REFER TO FINISH
- SCHEDULE NOTES ON SHEET A-XXX FOR ADDITIONAL FINISH INFORMATION. E. ALL NEW DOOR AND WINDOW TRIM TO MATCH EXISTING. PROVIDE SAMPLES FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION. NEW WOOD SHALL BE POPLAR, CLEAR WHITE PINE OR APPROVED EQUAL FREE OF KNOTS.
- F. PROVIDE SOLID WOOD BLOCKING IN WALLS AS NEEDED TO INSTALL CABINETS AND MOUNT ACCESSORIES.
- G. SALVAGE AND RE-USE EXISTING WOOD SIDING AT VISITOR CENTER WHERE REMOVED FOR ADDITION.
- H. EXISTING AND NEW LOCATIONS OF SECURITY AND FIRE ALARM DEVICES ARE FOR REFERENCE ONLY CONFIRM EXACT LOCATIONS AND MOUNTING HEIGHTS W/ ARCHITECT DURING CONSTRUCTION.
- I. PROVIDE \$2,500 ALLOWANCE FOR REPAIR OF ROTTED DECKING AND DORMER SIDING AT ROOF OF VISITOR CENTER.
- G. SIGNAGE: REFER TO SPECIFICATIONS AND DETAILS PROVIDED BY OWNER FOR NEW WAYFINDING AND ROOM IDENTIFICATION SIGNS. ALL SIGNAGE AND MOUNTING Ι ΟΩΔΤΙΩΝΆ SHALL COMPLY WITH TEXAS ΔΟΩΕSSIBILITY STANDARDS

APPROXIMATE LINE OF EXCAVATION NEAR NORTH PROPERTY LINE (STONE WALL)

+ 8'-9" A.F.F. SECOND FLR. 8'-8" A.F.F. B/ CLG. BOARDS <u>7'-9 -3/4" A.F.F.</u> B/ BEAM

> 0'-0" (539.0' MSL) @ F.

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PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE:

SHEET NAME: WEST/NORTH ELEV -VISITOR CENTER ADDITION SHEET NO:

A-222

TOI	TOILET ACCESSORIES SCHEDULE								
MARK	ТҮРЕ	MANUF/MODEL							
Α	SOAP DISPENSER	BOBRICK B-2111 OR APPROVED EQUAL							
В	PAPER TOWEL DISP. & WASTE RECEPT.	BOBRICK B-3944 (SEMI-RECESSED) OR APPROVED EQUAL							
С	MIRROR	BOBRICK B-165 (18" x 36") OR APPROVED EQUAL							
D	GRAB BAR - 36"	BOBRICK B-6806X36 (CONCEALED MOUNTING)							
Е	GRAB BAR - 42"	BOBRICK B-6806X42 (CONCEALED MOUNTING)							
F	TOILET PAPER DISP.	BOBRICK B-3944 OR APPROVED EQUAL							
G	TOILET SEAT COVER DISP.	BOBRICK B-221 OR APPROVED EQUAL (VERIFY LOCATION)							
Н	DIAPER CHANGE	BOBRICK KB-200-SS OR APPROVED EQUAL							

I. PROVIDE SOLID BLOCKING BEHIND ALL WALLS TO ALLOW MOUNTING OF TOILET ACCESSORIES. 2. LOCATIONS AND HEIGHTS FOR ALL ACCESSORIES SHALL COMPLY WITH TEXAS ACCESSIBILITY STANDARDS 2012 EDITION.





PLUMBING WALL (RESTROOM #2 & #3 REVERSED)

SIDE WALL **OPPOSITE WALL** (RESTROOM #2 & #3 REVERSED) (RESTROOM #2 & #3 REVERSED)









B1

SCALE: 1/2" = 1'-0"

50% CONSTRUCTION DOCUMENTS

A-400

SHEET NO:

SHEET NAME: Enlarged plans, elevation & details

PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

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/ REVIEW SET ONLY NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION CHRISTOPHER E. HUTSON allagh e s c E Driv 7875 1-001

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NOT USED **SCALE:** 3'' = 1'-0''



REF. FINISH SCHED. FOR FLOOR & BASE -





SECTION - NOT USED

 $B1 \frac{SLC1101}{SCALE: 3/4'' = 1'-0''}$





NEW WINDOW - T.B.D.

- REF. STRUCT FOR CONNECTION

- MATCH EXIST'G CROWN MOULD AT VISITOR CENTER

- 2 x 6 STUDS @ 16" O.C. W/ R-21 UN-FACED FIBERGLASS INSULATION

5/16" HARDIPLANK SMOOTH LAP SIDING MATCH

EXPOSURE AT VISITOR CENTER

EQUAL)

INSUL.

WATER RESISTIVE BARRIER (TYVEK

COMMERCIAL WRAP OR APPROVED

NEW 15/32" PLYWOOD SHEATHING.

R-30 UN-FACED FIBERGLASS

APPLY SELF-ADHERED "MOISTOP" MEMBRANE AT ALL WINDOW SILL/ JAMB/ HEAD LOCATIONS. OVERLAP TYVEK 9" MIN. INSTALL PER MANUFACTURER'S INSTALLATION RECOMMENDATION, TYP.

SLOPED WD. WINDOW SILL W/ DRIP

EDGE TYP.

SECTIONS & DETAILS SHEET NO:

A-401

SHEET NAME:

PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

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/NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION CHRISTOPHER E. HUTSON TX #15635 fallagher 1206 Quail Park Drive A ustin, Texas 78758 Phone: (512) 960-0013 www.HutsonGallagher.com

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R	ROOM FINISH SCHEDULE • NEW MATERIAL FINISH O EXISTING MATERIAL																		
		FLO	OR			BASE				CRC					WALLS				REMARKS
ROOM NUMBER	ROOM NAME	STAINED CONC.	SEALED CONC.	TILE	ЕРОХҮ	MOOD	RUBBER	TILE	ЕРОХҮ	aoom	NONE	aoow	GYP. BD.	NONE	WOOD	GYP. BD.	FRP ?	TILE	
VISIT																			
Х	UNISEX RESTROOM #1							\bullet			-		\bullet						TILE WAINSCOT TO 4'-0" AFF OVER W.R. GYP
Х	UNISEX RESTROOM #2							\bullet			-								TILE WAINSCOT TO 4'-0" AFF OVER W.R. GYP
Х	UNISEX RESTROOM #3							\bullet			1		\bullet			\bullet			TILE WAINSCOT TO 4'-0" AFF OVER W.R. GYP
х	PROGRAM STORAGE						\bullet				I								
Х	SITE MAINT. OFFICE						\bullet				l		\bullet			\bullet			
Х	JAN. CLOSET						\bullet				Ι		\bullet			\bullet			
Х	VENDOR STORAGE						\bullet				-								
Х	KITCHEN - STAGING										١		\bullet						WALL MATERIAL - TBD
Х	KITCHEN - SCULLERY										-								WALL MATERIAL - TBD
Х	KITCHEN - PREP										-								WALL MATERIAL - TBD
Х	MECH. CLOSET						lacksquare				-		\bullet						NEW 3/4" PLYWOOD AT PANEL LOCATION
Х	SERVING	0				0					-		ullet		0				EXIST'G FINISHES SPECIFIED PREVIOUSLY

WIN	WINDOW SCHEDULE										
VISITOF	R CEN	TER		FILM	OPERABLE / FIXED	REMARKS	1.				
WINDOW NUMBER	ELEV	TYPE	SIZE				2				
101	Е	С	3'-2 3/4"x 4'-0"	CLEAR UV / IR	T.B.D.	T.B.D.	_ .				
102	E	С	3'-2 3/4"x 4'-0"	CLEAR UV / IR	T.B.D.	T.B.D.	3.				
		•									



<u>TYPE C</u> T.B.D.

DOC	DR	SC	HEDU	LE				
VISITOR CENTER FILM REMARKS								
DOOR NUMBER	ROOM	TYPE	SIZE	тніск			2.	
101	Uni #1	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
102	Uni #2	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR	3.	
103	Uni #3	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
104	Program	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
105	SiteMnt	F	6'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR	4.	
106	DryStr	F	3'-0"x 7'-0"		NONE	NEW 2-PANEL INSULATED METAL DOOR	5.	
107	Jan	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
107a	Jan	F	2'-6"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
108	Staging	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR	6.	
109	Staging	F	3'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		
110	Mech	F	6'-0"x 6'-8"		NONE	NEW 2-PANEL INSULATED METAL DOOR		



<u>TYPE F</u>

FINISH NOTES

1. REFER TO SHEET A-001 REGARDING HAZARDOUS MATERIALS AT EXISTING BUILDING, INCLUDING LEAD AND ASBESTOS. ASSUME ALL HISTORIC BUILDING MATERAILS CONTAIN LEAD PAINT AND TAKE APPROPRIATE PRECAUTIONS TO PROTECT WORKERS AND BUILDING OCCUPANTS DURING DEMOLITION AND CONSTRUCTION.

2. EXTERIOR PAINTING: ALL EXTERIOR TRIM AND HARDIE PLANK SIDING TO BE PRIMED AND PAINTED PER SPECIFICATIONS. SEAL ALL OPEN JOINTS AND CLEAN SIDING TO REMOVE DIRT PRIOR TO PAINTING.

INTERIOR PAINTING: ALL INTERIOR WALLS AND CEILINGS TO BE PRIMED AND PAINTED UNLESS NOTED OTHERWISE. TEXTURE TO BE 'ORANGE-PEEL' OR APPROVED EQUAL.

4. ALL PAINT COLORS TO BE SELECTED BY ARCHITECT BASD ON SHERWIN WILLIAMS PRODUCTS. PROVIDE PAINT COLOR MOCK-UP FOR OWNER AND ARCHITECT REVIEW.

ALL ELECTRICAL, TELEPHONE, FIRE ALARM AND SECURITY CONDUIT SHALL BE RUN CONCEALED EXCEPT IN MECHANICAL/ELECTRICAL CLOSET

 ALL A/C SUPPLY AND RETURN DUCTS AND GRILLES TO BE FIELD PAINTED. COLOR TO BE SELECTED BY ARCHITECT. REFER TO SPECIFICATION SECTION "COATINGS" FOR DETAILS. 7. COORDINATE LOCATIONS OF ACCESS PANELS WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.

STAINED CONCRETE FINISH TO MATCH VISITOR CENTER BASED ON APPROVED MOCK-UP.

EPOXY FLOOR SYSTEM IN KITCHEN TO BE EVERLAST EPOXY OR APPROVED EQUAL SEAMLESS SLIP-RESISTANT FINISH. PROVIDE COLOR SAMPLES FOR SELECTION.

WINDOW NOTES

WINDOW FILM: AFTER COMPLETION OF ALL REPAIRS AND PAINTING, INSTALL CLEAR PROTECTIVE UV FILM AT EACH WDW PER SPECS.

. T.B.D.

3. T.B.D.

4. T.B.D.

OOR NOTES

REFER TO SPECIFICATIONS FOR NEW STEEL DOORS AT RESTROOMS.

.B.D.

.B.D.

.B.D.

.B.D.

T.B.D.



/ REVIEW SET ONLY

Jallagher utson 1206 Qu Austin, Phone: www.Hut

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PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

SHEET NAME: ROOM, WINDOW & DOOR SCHEDULES



SHEET NO:



							KITC	HEN	EQ	UIPN	IENT	LIS	stin	G										
	EQUIPMENT SPECIFICATIONS		ELECTRICAL DATA									RQUGH-IN												
	DESCRIPTION		DIMENSI	DNS	ž	SPE	CIFICATIC	NS	POWER REQ'D.		?'D.	ELECTRICAL CONNECTIONS		IS	UTILITY ROUGH-IN LOCATION	REMARKS	PLUMBING/GAS/STEAM CONNECTIONS					LOCATION		
		MANUFACTURER	W. D.	<u>н.</u>	AMPS	WATT	KW C	FM HF	> VOLT	CYC.	PH. W	N ST ALL U	UB		∅ \$	A.F.F.		см нм	D H.D.	FS GA	S CFH ST	EAM P.S.	3.1. WA	
K1 L1	SHELVING UNIT	NOT IN CONTRACT	AS PER P	LANS 1	I –	-	-	- -	-	-		- -	- -	· _		-	FIELD MEASURE PRIOR TO ORDERING / FOUR TIERS						-	
К2 3	CATERING TRANSPORT CART	NOT IN CONTRACT	31" 36"	58" 2	2 13,7	-	-	- -	120	60	1 `	Y -	- -	· _	Y –	18"	VERIFY FINAL ELECTRICAL REQUIREMENTS WITH TENANT NEMA 5-20P				_		-	
КЗ 2	AIR CURTAIN	NOT IN CONTRACT	51" 15"	15" 3	3 6.5	_	-	- -	120	60	1 `	Y -	- -	. Y		ABOVE CEILING	DOOR ACTIVATION SWITCH				_		-	
K4 1	MOP SINK CABINET	NOT IN CONTRACT	51" 23"	84" 4	+ –	_	-		-	-				· _		_		1/2"1/2	"2" –		-		- 3	52" 3"
K5 1	WORK TABLE	NOT IN CONTRACT	60" 30"	42" 5	5 –	_	-	- -	-	-				· _		-	=				_		-	
K6 L1	STAINLESS STEEL CORNER GUARD	NOT IN CONTRACT	2" 2"	60" 6	5 –	-	-	- -	-	-		- -	- -	· _		-	FIELD VERIFY QUANTITIES REQUIRED				-		-	
К7 2	HAND SINK	NOT IN CONTRACT	18" 16"	13" 7	7 –	-	-	- -	-	-			- -	· _		_	WING HANDLE FAUCET ASSEMBLY/PAPER TOWEL AND SOAP DISPENSERS TO BE VENDOR SUPPLIED	1/2"1/2	"2" –		_		- 1	2" 24"
K8 1	COOK-N-HOLD OVEN	NOT IN CONTRACT	23" 33"	74" 8	3 29	6000	-	- -	208	60	1	Y -	- Y	′ _		24"	NEMA 6-30P -				_		-	
К9 1	RAPID COOK OVEN	NOT IN CONTRACT	24" 32"	22" 9	9 40	8300	-	- -	208	60	1	Y -	- Y	′ _		24"	NEMA 6-50P -				_		-	
K10 1	WORK TABLE WITH PREP SINK	NOT IN CONTRACT	AS PER P	LANS 1	0 –	_	-		-	-				· _		_	SPLASH MOUNTED FAUCET ASSEMBLY/LEVER DRAIN	1/2"1/2	"2" –	12" –	_		- 1	2" BTC
K11 1	TRASH CAN	NOT IN CONTRACT	22" 24"	32" 1	1 –	-	-	- -	-	-		- -	- -	· _		-	DOLLY AND LID				-		-	
K12 1	POT WASH SINK	NOT IN CONTRACT	AS PER I	PLAN 1	2 –	-	-		-	-				· _		_	PRERINSE ASSEMBLY / TWO (2) BIG FLO FAUCETS/LEVER DRAINS/REMOVABLE SCRAP BASKET	(1)1/2 [*] (1)1/ (2)3/4 [*] (2)3/	2" –	12" –	_		- 1	2" BTC
K13 1	WALL MOUNTED POT RACK	NOT IN CONTRACT	AS PER I	PLAN 1	3 –	_	-	- -	-	-			- -	· _		_	GENERAL CONTRACTOR IS TO PROVIDE CONCEALED WALL BLOCKING AS REQUIRED FOR MOUNTING				_		-	
K14 1	UNDERCOUNTER DISHWASHER	NOT IN CONTRACT	24" 27"	33" 1.	4 30.5	_	-		208	60	1 `	Y -		. Y		6"	=	3/4" –	5/8" –	12" –	_		-	8" BTC
K15 1	POT / PAN DRYING SHELF	NOT IN CONTRACT	48" 24"	76" 1	5 –	_	-		-	-				· _		-	LCOKING CASTERS				_		-	
K16 1	SINGLE SECTION REACH-IN FREEZER	NOT IN CONTRACT	28" 36"	84" 1	6 6.8	-	-	- -	120	60	1 `	Y -	- -	· _	Y –	90"H	NEMA 5-15P / LOCKING CASTERS -				-		-	
K17 1	THREE SECTION REACH-IN REFRIGERATOR	NOT IN CONTRACT	78" 36"	84" 1	7 9.1	_	-	- -	120	60	1	Y -	- -	· _	Y –	90"H	NEMA 5-15P / LOCKING CASTERS				_		-	
K18 1	ICE MACHINE	NOT IN CONTRACT	22" 34"	67" 18	8 12.7	_	-		120	60	1 `	Y -	- -	· _	Y –	36"	WATER FILTRATION SYSTEM/SOFTENDED COLD WATER SUPPLY RECOMMENDED	3/8" –	1" –	12" –	_		- F	ن0" BTC
K19 1	BAKERY AND REFRIGERATED MERCHANDISER	NOT IN CONTRACT	37" 39"	70" 1	9 13.8	-	-	- -	120 120	60 60	1 -	- ``	r –	· _		6"	TWO (2) ELECTRICAL CONNECTIONS REQUIRED			4" –	_		-	
K20 1	SERVICE COUNTER	NOT IN CONTRACT	AS PER P	PLANS 2	0 –	-	-	- -	_	-			- -	· _		_	-				_		-	
K21 1	SYRUP RACK	NOT IN CONTRACT	AS PER F	LANS 2	.1 —	_	_		_	_		- -	- -	· _		_	VENDOR SUPPLIED				_		-	
K22 1	UNDERCOUNTER REFRIGERATOR	NOT IN CONTRACT	28" 28"	30" 2	2 3.9	_	_		120	60	1	Y -	- -	·	Y –	_	NEMA 5-15P/LOW PROFILE HEIGHT/CASTERS				_		-	
K23 1	POINT OF SALE REGISTER	NOT IN CONTRACT	VERIF	Y 2	3 7.3	_	_		120	60	1 -	- ``	r –	. Y	Y –	6"	DEDICATED ISOLATED GROUND CIRCUIT REQUIRED/PROVIDE DATA CONNECTION, CONDUIT AND CABLING BELOW SLAB				_		-	
K24 1	ESPRESSO MACHINE	NOT IN CONTRACT	31" 24"	31" 2	4 <u>30</u> 1	6200 78	_	- -	208 120	60 60	1 -	- \`	r Y	· _	Y –	6"	TWO (2) ELECTRICAL CONNECTIONS REQUIRED/MILK REFRIG./ WATER FILTRATION SYSTEM/SOFTENED WATER RECOMMENDED	3/8" –	1/2" –	12" –		- -	- 1	2" BTC
K25 1	CONDIMENT COUNTER	NOT IN CONTRACT	AS PER F	LANS 2	5 –	-	_	_ _			_	_ _	- -		_ _	_		_ _					- 1	

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50% CONSTRUCTION DOCUMENTS

FS-1

SHEET NAME: KITCHEN EQUIPMENT FLOOR PLAN SHEET NO:

PROJECT NO: FTHC_HG_10202019 DATE: 12/06/2019

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ELECTRICAL ROUGH-IN NOTES

- (1) "H" DENOTES RECEPTACLE TO BE MOUNTED HORIZONTALLY.
- ALL ELECTRICAL ROUGH-INS ARE TO BE LOCATED IN ACCORDANCE WITH THE APPROVED DIMENSIONED SHOP DRAWINGS AS SUBMITTED BY DIVISION 11 KITCHEN EQUIPMENT CONTRACTOR.
- ELECTRICAL CONTRACTOR IS TO STUB-UP (1) 3/4" ELECTRICAL CONDUITS WITH PULL WIRES FOR ITEMS KE23. CONDUIT IS TO BE ROUTED BELOW AND RISE IN NEAREST WALL TO CEILING FOR DATA CABLING.
- ALL ELECTRICAL RECEPTACLES IN KITCHEN AREA ARE TO INCLUDE GROUND FAULT INTERCEPTORS IN ACCORDANCE WITH THE GOVERNING ELECTRICAL CODE REQUIREMENTS.

	LEGEND
SYM.	DESCRIPTION
φ	SINGLE PLEX RECEPTACLE (MOUNT HORIZONTAL)
¢	DUPLEX RECEPTACLE (MOUNT HORIZONTAL)
т Ф СО	CONVENIENCE DUPLEX ELECTRICAL OUTLET (18"A.F.F. UNLESS NOTED OTHERV
Ð	FLOOR MOUNTED RECEPTACLE ON PEDESTAL
0	JUNCTION BOX
۲	TWIST LOCK QUICK-DISCONNECT or SPECIAL RECEPTACLE
◀	TELEPHONE OUTLET
٩	DATA LINE FOR INTERNET CONNECTION

WISE)

50% CONSTRUCTION DOCUMENTS

PLANS SHEET NO:

KITCHEN ROUGH-IN

FS-2

SHEET NAME:

FTHC_HG_10202019 DATE: 12/06/2019

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COORDINATION

- A. THE CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER SERIES DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS PRIOR TO FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
- B. ONLY LARGER SLEEVE OPENINGS AND FRAMED OPENINGS IN STRUCTURAL FRAMING COMPONENT MEMBERS ARE INDICATED ON THE STRUCTURAL DRAWINGS. HOWEVER, ALL SLEEVES, INSERTS AND OPENINGS. INCLUDING FRAMES AND/OR SLEEVES SHALL BE PROVIDED FOR PASSAGE, PROVISION AND/OR INCORPORATION OF THE WORK OF THE CONTRACT, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING WORK. THIS WORK SHALL INCLUDE THE COORDINATION OF SIZES, ALIGNMENT, DIMENSIONS, POSITION, LOCATIONS, ELEVATIONS AND GRADES AS REQUIRED TO SERVE THE INTENDED PURPOSE. OPENINGS NOT INDICATED ON THE STRUCTURAL DRAWINGS, BUT REQUIRED AS NOTED ABOVE, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- C. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR FLOOR ELEVATIONS, SLOPES, DRAINS AND LOCATION OF DEPRESSED AND ELEVATED FLOOR AREAS.
- D. COMPATIBILITY OF THE STRUCTURE AND PROVISIONS FOR BUILDING EQUIPMENT SUPPORTED ON OR FROM STRUCTURAL COMPONENTS SHALL BE VERIFIED AS TO SIZE, DIMENSIONS, CLEARANCES, ACCESSIBILITY, WEIGHTS AND REACTION WITH THE EQUIPMENT FOR WHICH THE STRUCTURE HAS BEEN DESIGNED PRIOR TO SUBMISSION OF SHOP DRAWINGS AND DATA FOR EACH PIECE OF EQUIPMENT AND FOR STRUCTURAL COMPONENTS. DIFFERENCES SHALL BE NOTED ON THE SUBMITTALS.
- E. SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED FOR REVIEW BY THE ENGINEER. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED AND USED AS SHOP DRAWINGS. ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED.
- F. THE DETAILS DESIGNATED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE STRUCTURAL DRAWINGS IN ALL AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS.
- G. ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION SHALL BE VERIFIED AT THE JOB SITE PRIOR TO THE PREPARATION OF SHOP DRAWINGS. DIFFERENCES BETWEEN EXISTING CONSTRUCTION AND THAT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE REFERRED TO THE ARCHITECT. DIFFERENCES SHALL ALSO BE CLOUDED ON THE SHOP DRAWINGS.
- H. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE LATERAL-LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER. TEMPORARY SUPPORTS SHALL NOT RESULT IN THE OVERSTRESS OR DAMAGE OF THE ELEMENTS TO BE BRACED NOR ANY ELEMENTS USED AS BRACE SUPPORTS.
- I. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. AND EXCEPT WHERE SPECIFICALLY SHOWN DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR AND THEIR SUB-CONTRACTORS SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES AND SAFETY MEASURES INCLUDING, BUT NOT LIMITED TO, ADHERENCES TO ALL OSHA GUIDELINES. THE ENGINEER SHALL NOT HAVE CONTROL OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSON PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THESE PERSONS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS.
- J. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
- K. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF TSEN ENGINEERING IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION IS NOT INTENDED TO BE A CHECK OF THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER A PERIODIC CHECK IN AN EFFORT TO INFORM THE OWNER AGAINST DEFECTS AND DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

SUBSTITUTIONS

- A. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD.
- B. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS OR DURATION TO BE DEDUCTED FROM THE CONTRACT AND/OR SCHEDULE IMPACT. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.

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ES & REFERENCED REPORTS		<u>SUBMITTALS</u>	CAST-IN-PLACE CONCRETE
 THE GENERAL BUILDING CODE(S) USED AS THE BAS STRUCTURAL DESIGN ARE AS FOLLOWS: 1. INTERNATIONAL BUILDING CODE, 2015 EDITION 2. INTERNATIONAL EXISTING BUILDING CODE, 2015 NOTES: a. SEE "DESIGN LOADS" ON THIS SHEET FOR VPROVISIONS FOR EACH CODE. WHERE PROVISIONS FOR EACH CODE. WHERE PROVISIONS ARE REQUIRED AND SHALL BE HEREIN. 	IS FOR THE 5 EDITION WIND DESIGN OVISIONS CONFLICT MORE STRINGENT E INCORPORATED	 A. SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED FOR REVIEW BY THE ENGINEER. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED AND USED AS SHOP DRAWINGS. ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED. B. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SHALL CERTIFY THAT THEY HAVE DONE SO BY A STAMP NOTING THAT THE DRAWINGS HAVE BEEN "APPROVED" AND WHICH BEARS THE SIGNATURE (OR INITIALS) OF AN AUTHORIZED REPRESENTATIVE OF THE CONTRACTOR AND THE DATE 	A. CLASSES OF CONCRETE ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS AS A IN THE TABLE BELOW, UNLESS NOTED OTHERWISE ON THE ST DRAWINGS: CONCRETE MIX SCHEDULE: CONC. STRENGTH AGG. AGG. SLUMP MAX CLASS PSI TYPE SIZE INCHES W/C A 4000 NWT 1" 3-5 0.45 a. "NWT" REFERS TO NORMAL CONCRETE HAVING A
STRUCTURAL CONCRETE: BUILDING CODE REQUIRE REINFORCED CONCRETE, AMERICAN CONCRETE INS REFERENCED BY THE GENERAL BUILDING CODE.	MENTS FOR STITUTE, ACI 318, AS	SUBMITTALS WHICH DO NOT REFLECT THE CONTRACTOR'S APPROVAL, SIGNATURE AND DATE WILL BE RETURNED WITHOUT REVIEW.	b. WHERE W/C RATIO IS NOT INDICATED IN THE CO MIX SCHEDULE IT SHALL BE AS NECESSARY TO
WOOD FRAMING: NATIONAL DESIGN SPECIFICATION CONSTRUCTION WITH SUPPLEMENT, NATIONAL FOR PRODUCTS ASSOCIATION, AS REFERENCED BY THE CODE. STRUCTURAL PLYWOOD: PLYWOOD DESIGN SPECIF PLYWOOD ASSOCIATION, AS REFERENCED BY THE C CODE. PREFABRICATED METAL PLATE CONNECTED WOOD STANDARD FOR METAL PLATE CONNECTED WOOD T CONSTRUCTION, ANSI/TPI 1. GEOTECHNICAL : FORTHCOMING REPORT IGN LOADS	S FOR WOOD EST AND PAPER GENERAL BUILDING ICATION, AMERICAN GENERAL BUILDING TRUSSES: DESIGN RUSS	 C. CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTION OF INADEQUATE SHOP DRAWINGS. D. WHERE REVIEW AND RETURN OF SHOP DRAWINGS IS REQUIRED OR REQUESTED, THE ENGINEER WILL REVIEW EACH SUBMITTAL AND, WHERE POSSIBLE, RETURN WITHIN TWO (2) WEEKS OF RECEIPT. E. CORRECTIONS OR COMMENTS ON SHOP DRAWINGS OR MANUFACTURER'S DATA SHEETS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. ENGINEER'S REVIEW IS FOR GENERAL CONFORMANCE WITH THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, AND COORDINATING THE WORK WITH THAT OF ALL OTHER CONTRACTORS. 	 STRENGTH REQUIREMENTS. c. WHERE THE W/C RATIO IS SHOWN, IT SHALL BE A TO REGARDLESS OF STRENGTH REQUIREMENTS d. "STRENGTH" IS REQUIRED COMPRESSIVE CYLINI STRENGTH AT AN AGE OF 28 DAYS. MIX USAGE SCHEDULE, AUSTIN, TEXAS: CONCRETE EXPOSURE DESCRIPTION OF USE CLASS CLASS GRADE BEAMS AND SLAB A F0/S0/W0/C1 C. A MAXIMUM OF 20% OF THE CEMENTITIOUS MATERIALS USED DESIGNS MAY BE REPLACED WITH CLASS C OR E FLY ASH
DEAD LOADS INCLUDE THE SELF-WEIGHT OF THE ST ELEMENTS AND THE FOLLOWING SUPERIMPOSED LO	RUCTURAL DADS:	F. REFER TO INDIVIDUAL SECTIONS FOR SPECIFIC SUBMITTAL REQUIREMENTS.	 E. PROVIDE 5 PERCENT PLUS OR MINUS 1 1/2 PERCENT OF ENTR IN CONCRETE PERMANENTLY EXPOSED TO THE WEATHER ANI ELSEWHERE AT THE CONTRACTOR'S OPTION.
 CEILING AND MECHANICAL AT ROOF CEILING AND MECHANICAL AT FLOORS ROOFING AND RIGID INSULATION LIVE LOADS 	10 PSF 5 PSF 8 PSF	G. CONTRACTOR SHALL PROVIDE SUBMITTALS ELECTRONICALLY TO ARCHITECT. ARCHITECT WILL PROVIDE TO ENGINEER FOR REVIEW AND COMMENT. ENGINEER WILL RETURN REVIEWED SUBMITTAL TO ARCHITECT FOR DISTRIBUTION TO THE ARCHITECT, OWNER, AND CONTRACTOR. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND DISTRIBUTING ENGINEER'S COMMENTS TO THEIR SUBCONTRACTORS.	G. HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE PLACEME BE PERMITTED ONLY WHERE INDICATED ON THE STRUCTURAL DRAWINGS. ALL VERTICAL CONSTRUCTION JOINTS SHALL BE THE CENTER OF SPANS IN ACCORDANCE WITH THE TYPICAL D CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS FOR CONSTRUCTION JOINTS NOT SHOWN ON THE STRUCTURAL DF EOR REVIEW BY THE ARCHITECT AND ENGINEER ADDITIONAL
OCCUPANCY OR USE UNIFOR (psf) 1. "PARTITIONS AT AREAS WITH LIVE 15 LOAD OF 80 PSF OR LESS"	M CONCENTRATED (lbs.) N/A		CONSTRUCTION JOINTS MAY REQUIRE ADDITIONAL REINFORC SPECIFIED BY THE ENGINEER WHICH SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
2.DINING AREA1003.OFFICE BUILDINGS504.RESTROOMS605.ROOF - REDUCED (SEE LIVE LOAD REDUCTION NOTES)166.STAIRS AND EXITS100	N/A 2000 2000 N/A 300	 A. STRUCTURAL FILL MATERIAL SHALL HAVE A PLASTICITY INDEX BETWEEN 5 AND 20, AND A LIQUID LIMIT LESS THAN 15. GRADATION OF MATERIAL SHALL BE AS FOLLOWS: 1. RETAINED ON 2 1/2" SCREEN 0% 2. RETAINED ON 1 1/2" SCREEN 0% 25% 	 H. EMBEDDED CONDUITS, PIPES, AND SLEEVES SHALL MEET THE REQUIREMENTS OF ACI 318, SECTION 26.8, INCLUDING THE FO 1. CONDUITS AND PIPES EMBEDDED WITHIN A SLAB, WALL, O (OTHER THAN THOSE PASSING THROUGH) SHALL NOT BE OUTSIDE DIMENSION THAN 1/3 THE OVERALL THICKNESS SLAP, WALL, O PREAM IN MULLIPIES AND FOR PARTY AND FOR PA
SNOW LOADS 1. GROUND SNOW LOAD, Pg	5 PSF	3. RETAINED ON 3/4" SCREEN 25% 55% 4. RETAINED ON 1/4" SCREEN 45% 75% 5. RETAINED ON NO. 40 SIEVE 60% 90%	2. CONDUITS, PIPES AND SLEEVES SHALL NOT BE SPACED O
 WIND LOADS 1. WIND LATERAL LOAD ON STRUCTURAL FRAME I 7-10 USING THE FOLLOWING: a. BASIC WIND SPEED (ULTIMATE) b. EXPOSURE c. INTERNAL PRESSURE COEFFICIENT, Gcpi d. RISK CATEGORY 	S BASED ON ASCE 115 MPH C +/-0.18 II	B. PRIOR TO PLACING FILL MATERIAL, REMOVE ALL ORGANIC AND OTHER DELETERIOUS MATERIAL FROM THE EXISTING SUBGRADE FOR A DISTANCE OF 3' 0" BEYOND BUILDING LINE, TO A DEPTH OF 2 FEET BELOW FINAL SUBGRADE ELEVATION. ALL EXPOSED SURFACES SHALL THEN BE SCARIFIED TO A DEPTH OF 6 INCHES, WATERED AS REQUIRED AND RECOMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DEFINED BY ASTM D 698 (STANDARD PROCTOR TEST) AT A MOISTURE CONTENT WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.	 THAN THREE DIAMETERS OR WIDTHS ON CENTER. K. SUBMITTAL: SUBMIT PROPOSED MIX DESIGNS IN ACCORDANCI 301, CHAPTER 3.9. EACH PROPOSED MIX DESIGN SHALL BE ACCOMPANIED BY A RECORD OF PAST PERFORMANCE BASED LEAST 30 CONSECUTIVE STRENGTH TESTS, OR BY THREE LAB TRIAL MIXTURES WITH CONFIRMATION TESTS. N. CONCRETE SAMPLING FOR QUALITY ASSURANCE SHALL BE A^T
SURFACE (PSF) ZONE	AREA At (ft2)		CHUTE AFTER 10 TO 15 PERCENT OF THE LOAD HAS BEEN DIS
EXTERIOR +30.5 INTERIOR AND EDGE WALLS -33.1 INTERIOR -40.7 EDGE	E 10 OR LESS 10 OR LESS 10 OR LESS	D. STRUCTURAL FILL SHALL BE PLACED IN 8 INCH LOUSE LIFTS TO FINAL SUBGRADE ELEVATION, WATERED AS REQUIRED AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DEFINED IN ASTM D 698 AT A MOISTURE CONTENT WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.	TIMBER FRAMING A. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS
-25.4 INTERI -25.4 EDGE	500 OR GREATER 500 OR GREATER 500 OR GREATER	E. COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF STRUCTURAL FILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.	STALE FRAMMING LOWIDER SHALL BE CLEARLY MARKED SOUTHERN YELLOW PINE OR DOUGLAS FIR, EXCEPT THAT NO BEARING INTERIOR WALLS MAY BE STUD GRADE SOUTHERN Y PINE, DOUGLAS FIR, OR SPRUCE-PINE-FIR.
ROOF -33.4 INTERIOR -56.0 EDGES -84.2 CORNERS -30.5 INTERIOR -36.2 EDGES -36.2 CORNERS	10 OR LESS 10 OR LESS 10 OR LESS 100 OR GREATER 100 OR GREATER 100 OR GREATER	 F. STRUCTURAL FILL SHALL NOT BE PLACED BEYOND THE LIMITS OF THE EXTERIOR BUILDING STRUCTURE. G. PROVIDE A VAPOR RETARDER THAT CONFORMS TO ASTM E1745, CLASS A OR BETTER WITH A MAXIMUM WATER VAPOR PERMEANCE OF 0.03 PERMS PER ASTM E96. VAPOR RETARDER SHALL BE NO LESS THAN 10 MILS THICK. 	 B. STUDS SHALL BE 2 X 4'S AT 16 INCHES ON CENTER, TYPICAL, UNOTED OTHERWISE ON THE STRUCTURAL DRAWINGS. C. WOOD PRESERVATIVE TREATED LUMBER (PRESSURE TREATED 1. PRESERVATIVE TREATED LUMBER SHALL BE SOUTHERN PINE AND SHALL BE TREATED AS DESCRIBED BELOW. 2. PRESERVATIVE TREATMENT BY PRESSURE PROCESS SHOP
		H. THE ABOVE RECOMMENDATIONS HAVE BEEN PREPARED IN	PERFORMED ACCORDING TO THE AWPA METHODS DESCI BELOW. THE PRESERVATIVE CHEMICALS SHALL BE WATE

& REFERENCE	ED REPORTS			<u>SU</u>	BMITTALS	CAS	ST-IN-PLACE CONCRETE
E GENERAL BUILDING CODE(S) USED AS THE BASIS FOR THE RUCTURAL DESIGN ARE AS FOLLOWS: INTERNATIONAL BUILDING CODE, 2015 EDITION INTERNATIONAL EXISTING BUILDING CODE, 2015 EDITION TES: a. SEE "DESIGN LOADS" ON THIS SHEET FOR WIND DESIGN PROVISIONS FOR EACH CODE. WHERE PROVISIONS CONFLICT BETWEEN THE CODES LISTED ABOVE, THE MORE STRINGENT PROVISIONS ARE REQUIRED AND SHALL BE INCORPORATED HEREIN.			FOR THE DITION ND DESIGN VISIONS CONFLICT ORE STRINGENT NCORPORATED	A. B.	SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED FOR REVIEW BY THE ENGINEER. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED AND USED AS SHOP DRAWINGS. ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SHALL CERTIFY THAT THEY HAVE DONE SO BY A STAMP NOTING THAT THE DRAWINGS HAVE BEEN "APPROVED" AND WHICH BEARS THE SIGNATURE (OR INITIALS) OF AN	A.	CLASSES OF CONCRETE ALL CONCRETE SHALL CONF IN THE TABLE BELOW, UNLES DRAWINGS: CONCRETE MIX SCHEDULE: CONC. STRENGTH AGG CLASS PSI TYP A 4000 NWT
RUCTURAL CO INFORCED CO FERENCED BY	NCRETE: BU NCRETE, AM (THE GENER	ILDING CODE REQUIREME ERICAN CONCRETE INSTI AL BUILDING CODE.	ENTS FOR TUTE, ACI 318, AS		AUTHORIZED REPRESENTATIVE OF THE CONTRACTOR AND THE DATE. SUBMITTALS WHICH DO NOT REFLECT THE CONTRACTOR'S APPROVAL, SIGNATURE AND DATE WILL BE RETURNED WITHOUT REVIEW.		UNIT WEIGHT (AGGREGATE). b. WHERE W/C RA
OOD FRAMING NSTRUCTION ODUCTS ASSO DE. RUCTURAL PL YWOOD ASSO DE. EFABRICATED ANDARD FOR NSTRUCTION, OTECHNICAL	: NATIONAL D WITH SUPPLI DCIATION, AS YWOOD: PLY CIATION, AS I METAL PLAT METAL PLATE ANSI/TPI 1. : FORTHCOMI	ESIGN SPECIFICATIONS F EMENT, NATIONAL FORES REFERENCED BY THE GE WOOD DESIGN SPECIFIC/ REFERENCED BY THE GE TE CONNECTED WOOD TRUE CONNECTED WOOD TRUE NG REPORT	FOR WOOD ST AND PAPER ENERAL BUILDING ATION, AMERICAN NERAL BUILDING RUSSES: DESIGN JSS	C. D. E.	CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTION OF INADEQUATE SHOP DRAWINGS. WHERE REVIEW AND RETURN OF SHOP DRAWINGS IS REQUIRED OR REQUESTED, THE ENGINEER WILL REVIEW EACH SUBMITTAL AND, WHERE POSSIBLE, RETURN WITHIN TWO (2) WEEKS OF RECEIPT. CORRECTIONS OR COMMENTS ON SHOP DRAWINGS OR MANUFACTURER'S DATA SHEETS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. ENGINEER'S REVIEW IS FOR GENERAL CONFORMANCE WITH THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, AND COORDINATING THE WORK WITH THAT OF ALL OTHER CONTRACTORS.	C.	d. "STRENGTH REG d. "STRENGTH" IS STRENGTH AT MIX USAGE SCHEDULE, AUS" DESCRIPTION OF USE GRADE BEAMS AND SLAB A MAXIMUM OF 20% OF THE O DESIGNS MAY BE REPLACED
AD LOADS INC EMENTS AND	CLUDE THE SE THE FOLLOW	ELF-WEIGHT OF THE STRI ING SUPERIMPOSED LOA	JCTURAL DS:	F.	REFER TO INDIVIDUAL SECTIONS FOR SPECIFIC SUBMITTAL REQUIREMENTS.	E.	PROVIDE 5 PERCENT PLUS C IN CONCRETE PERMANENTLY ELSEWHERE AT THE CONTRA
CEILING ANI CEILING ANI ROOFING AN E LOADS	D MECHANICA D MECHANICA ND RIGID INSU	AL AT ROOF AL AT FLOORS JLATION	10 PSF 5 PSF 8 PSF	G.	CONTRACTOR SHALL PROVIDE SUBMITTALS ELECTRONICALLY TO ARCHITECT. ARCHITECT WILL PROVIDE TO ENGINEER FOR REVIEW AND COMMENT. ENGINEER WILL RETURN REVIEWED SUBMITTAL TO ARCHITECT FOR DISTRIBUTION TO THE ARCHITECT, OWNER, AND CONTRACTOR. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND DISTRIBUTING ENGINEER'S COMMENTS TO THEIR SUBCONTRACTORS.	G.	HORIZONTAL CONSTRUCTION BE PERMITTED ONLY WHERE DRAWINGS. ALL VERTICAL C THE CENTER OF SPANS IN AC CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINTS NOT FOR REVIEW BY THE ARCHIT
"PARTITIONS LOAD OF 80 DINING ARE OFFICE BUIL	S AT AREAS V PSF OR LESS A _DINGS	VITH LIVE 15	N/A N/A 000 000 000	<u>BU</u> A.	ILDING PAD PREPARATION (AT RESTROOM ADDITION) STRUCTURAL FILL MATERIAL SHALL HAVE A PLASTICITY INDEX	H.	SPECIFIED BY THE ENGINEER CONTRACTOR AT NO ADDITIO EMBEDDED CONDUITS, PIPES REQUIREMENTS OF ACI 318,
RESTROOM ROOF - RED REDUCTION STAIRS AND OW LOADS GROUND SN	S UCED (SEE LI NOTES) EXITS IOW LOAD, Pg	VE LOAD 16 100	300 5 PSF		BE TWEEN 5 AND 20, AND A LIQUID LIMIT LESS THAN 15. GRADATION OF MATERIAL SHALL BE AS FOLLOWS:1. RETAINED ON 2 1/2" SCREEN0%2. RETAINED ON 1 1/2" SCREEN0% 25%3. RETAINED ON 3/4" SCREEN25% 55%4. RETAINED ON 1/4" SCREEN45% 75%5. RETAINED ON NO. 40 SIEVE60% 90%		1. CONDUITS AND PIPES EI (OTHER THAN THOSE PA OUTSIDE DIMENSION TH SLAB, WALL OR BEAM IN
ND LOADS WIND LATEF 7-10 USING T a. BASIC V b. EXPOSI c. INTERN d. RISK CA	RAL LOAD ON THE FOLLOW VIND SPEED JRE AL PRESSUR ATEGORY	STRUCTURAL FRAME IS I ING: (ULTIMATE) E COEFFICIENT, Gcpi DING WIND PRESSURES:	BASED ON ASCE 115 MPH C +/-0.18 II	B.	PRIOR TO PLACING FILL MATERIAL, REMOVE ALL ORGANIC AND OTHER DELETERIOUS MATERIAL FROM THE EXISTING SUBGRADE FOR A DISTANCE OF 3' 0" BEYOND BUILDING LINE, TO A DEPTH OF 2 FEET BELOW FINAL SUBGRADE ELEVATION. ALL EXPOSED SURFACES SHALL THEN BE SCARIFIED TO A DEPTH OF 6 INCHES, WATERED AS REQUIRED AND RECOMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DEFINED BY ASTM D 698 (STANDARD PROCTOR TEST) AT A MOISTURE CONTENT WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.	K. N.	 CONDUITS, PIPES AND S THAN THREE DIAMETER SUBMITTAL: SUBMIT PROPOS 301, CHAPTER 3.9. EACH PRO ACCOMPANIED BY A RECORD LEAST 30 CONSECUTIVE STR TRIAL MIXTURES WITH CONF CONCRETE SAMPLING FOR CONCRETE SAMPLING FOR CONCRET SAMPL
SURFACE	(PSF)	ZONE	AREA At (ft2)				CHUTE AFTER 10 TO 15 PERC
EXTERIOR WALLS	+30.5 -33.1 -40.7	INTERIOR AND EDGE INTERIOR EDGE	10 OR LESS 10 OR LESS 10 OR LESS	D.	STRUCTURAL FILL SHALL BE PLACED IN 8 INCH LOOSE LIFTS TO FINAL SUBGRADE ELEVATION, WATERED AS REQUIRED AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DEFINED IN ASTM D 698 AT A MOISTURE CONTENT WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.	<u>TIM</u>	BER FRAMING
	+22.9 -25.4 -25.4	INTERIOR AND EDGE INTERI EDGE	500 OR GREATER 500 OR GREATER 500 OR GREATER	E.	COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF STRUCTURAL FILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.	π.	STRUCTURAL FRAMING LUMI SOUTHERN YELLOW PINE OF BEARING INTERIOR WALLS M PINE, DOUGLAS FIR, OR SPR
ROOF	-33.4 -56.0 -84 2	INTERIOR EDGES CORNERS	10 OR LESS 10 OR LESS 10 OR LESS	F.	STRUCTURAL FILL SHALL NOT BE PLACED BEYOND THE LIMITS OF THE EXTERIOR BUILDING STRUCTURE.	В.	STUDS SHALL BE 2 X 4'S AT 1 NOTED OTHERWISE ON THE
	-04.2 -30.5 -36.2	INTERIOR EDGES	100 OR GREATER 100 OR GREATER	G.	PROVIDE A VAPOR RETARDER THAT CONFORMS TO ASTM E1745, CLASS A OR BETTER WITH A MAXIMUM WATER VAPOR PERMEANCE OF 0.03 PERMS PER ASTM E96. VAPOR RETARDER SHALL BE NO LESS THAN 10 MUSTHICK	C.	WOOD PRESERVATIVE TREA1. PRESERVATIVE TREATEPINE AND SHALL BE TRE
	-36.2	CORNERS	100 OR GREATER	н	THE ABOVE RECOMMENDATIONS HAVE BEEN PREPARED IN		2. PRESERVATIVE TREATM PERFORMED ACCORDIN

- PRESSURES FOR TRIBUTARY AREAS IN BETWEEN THE LISTED
- VALUES MAY BE LINEARLY INTERPOLATED. NEGATIVE VALUE SIGNIFIES PRESSURE ACTING AWAY FROM THE SURFACE (SUCTION).
- EDGE AND CORNER ZONE DISTANCES SHALL BE DETERMINED IN ACCORDANCE WITH REFERENCED STANDARD.
- PRESSURES ON PARAPETS SHALL BE DETERMINED BY COMBINING POSITIVE AND NEGATIVE WALL PRESSURES OR WALL AND ROOF PRESSURES LISTED ABOVE IN ACCORDANCE WITH THE REFERENCED STANDARD.
- PRESSURES ARE FOR GROSS UPLIFT CONDITIONS. REFER TO ROOF PLAN(S) FOR NET UPLIFT VALUES FOR DESIGN OF JOISTS, JOIST GIRDERS, AND BRIDGING.
- G. MECHANICAL/KITCHEN EQUIPMENT LOADS
 - LOADING FOR MECHANICAL ROOMS AND KITCHENS ARE BASED ON THE WEIGHTS OF EQUIPMENT AND CONCRETE PADS AS INDICATED ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST THREE WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE. ANY REVISIONS IN EQUIPMENT TYPE, SIZE, OR QUANTITY SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY FOR VERIFICATION OF THE STRUCTURAL DESIGN.

LIVE LOAD REDUCTION

ROOF LIVE LOAD HAS BEEN REDUCED USING THE FORMULA 20 X R1 X R2 ACCORDING TO THE GENERAL BUILDING CODE.

ACCORDANCE WITH REASONABLE JUDGEMENT BASED ON STANDARD PRACTICES AND EXISTING CONDITIONS. RECOMMENDATIONS WILL BE AMENDED WHEN FORTHCOMING GEOTECHNICAL REPORT IS AVAILABLE.

> 3. WOOD INSTALLED FOR ABOVE GROUND USE SHALL BE PRESERVATIVE TREATED USING WATER-BORNE PRESERV ACCORDANCE WITH AWPA U2, USE CATEGORY UC3B. THE LOCATIONS TO BE TREATED ARE AS FOLLOWS:

- WOOD FRAMING MEMBERS INCLUDING WOOD SHEAT WHICH REST ON EXTERIOR FOUNDATION WALLS AND THAN 8INCHES FROM THE EXPOSED EARTH.
- WOOD FRAMING MEMBERS OR FURRING STRIPS ATT DIRECTLY TO THE INTERIOR OF EXTERIOR OR CONCH WALLS BELOW GRADE.
- WOOD SLEEPERS AND SILL PLATES ON CONCRETE O MASONRY SLAB THAT IS IN DIRECT CONTACT WITH E

		1
PLACE CONCRETE	 WOOD GIRDER ENDS SUPPORTED BY EXTERIOR MASONRY OR CONCRETE WALLS UNLESS 1/2 INCH AIRSPACE IS PROVIDED ON TOP, SIDES, AND END. 	INTERIM REVIEW DOCUMENTS
CONCRETE SHALL CONFORM TO THE REQUIREMENTS AS SPECIFIED HE TABLE BELOW, UNLESS NOTED OTHERWISE ON THE STRUCTURAL	f. WOOD SIDING CLOSER THAN 6 INCHES TO EARTH.	(NOT INTENDED FOR BIDDING, PERMIT OR CONSTRUCTION PURPOSES)
AWINGS: NCRETE MIX SCHEDULE:	UNLESS SEPARATED BY AN IMPERVIOUS MOISTURE BARRIER AND A MINIMUM 6 INCHES ABOVE GRADE AND 1 INCH ABOVE	JAMIE BUCHANAN, P.E. TEXAS REGISTRATION No: 92680 DATE: 12-06-2019
NC. STRENGTH AGG. AGG. SLUMP MAX ASS PSI TYPE SIZE INCHES W/C	CONCRETE PIER WHERE NO SLAB EXISTS.	
A 4000 NWT 1" 3-5 0.45	h. PORTIONS OF GLUED-LAMINATED TIMBERS EXPOSED TO	
UNIT WEIGHT OF APPROXIMATELY 145 PCF (ASTM C33 AGGREGATE).	 WOOD IN CONTACT WITH GROUND (EXPOSED EARTH) OR FRESH WATER SHALL BE PRESERVATIVE TREATED USING WATER-BORNE PRESERVATIVES IN ACCORDANCE WITH AWPA U1, WITH USE 	
 WHERE W/C RATIO IS NOT INDICATED IN THE CONCRETE MIX SCHEDULE, IT SHALL BE AS NECESSARY TO MEET 	CATEGORY UC4C.	
STRENGTH REQUIREMENTS. c. WHERE THE W/C RATIO IS SHOWN, IT SHALL BE ADHERED TO REGARDLESS OF STRENGTH REQUIREMENTS.	PORCHES, OR SIMILAR PERMANENT BUILDING APPURTENANCES WHERE SUCH MEMBERS ARE EXPOSED TO THE WEATHER WITHOUT ADEQUATE PROTECTION FROM THE ROOF, EAVE, OVERHANG, ETC. TO PREVENT WATER ACCUMULATION ON THE SURFACE OR	JQ + TSEN, LLC 210 BARTON SPRINGS RD., SUITE 250 AUSTIN, TEXAS 78704 512.474.4001 JQT PROJECT NO: 9180011.100 TBPE FIRM F-12778
d. "STRENGTH" IS REQUIRED COMPRESSIVE CYLINDER STRENGTH AT AN AGE OF 28 DAYS.	BETWEEN JOINTS SHALL BE PRESERVATIVE TREATED USING WATER-BORNE PRESERVATIVES IN ACCORDANCE WITH AWPA U1 WITH USE CATEGORY UC3A.	
USAGE SCHEDULE, AUSTIN, TEXAS: CONCRETE EXPOSURE AIR		
CRIPTION OF USE CLASS CLASSES CONTENT	 OTHER WOOD MEMBERS NOTED IN THE DRAWINGS SHALL BE PRESERVATIVE TREATED USING WATER-BORNE PRESERVATIVES IN ACCORDANCE WITH AWPA U1 WITH USE CATEGORY UC3A. 	
ADE BEAMS AND SLAB A F0/S0/W0/C1 3 - 6%	D ALL WOOD HEADERS BEAMS AND TOP PLATES SHALL BE NO 2	
AXIMUM OF 20% OF THE CEMENTITIOUS MATERIALS USED IN MIX SIGNS MAY BE REPLACED WITH CLASS C OR F FLY ASH.	SOUTHERN YELLOW PINE OR DOUGLAS FIR.	a h
OVIDE 5 PERCENT PLUS OR MINUS 1 1/2 PERCENT OF ENTRAINED AIR ONCRETE PERMANENTLY EXPOSED TO THE WEATHER AND EWHERE AT THE CONTRACTOR'S OPTION.	INTERMEDIATE PLATE LINE UNLESS DETAILED OTHERWISE. F. ALL LOAD BEARING WALLS SHALL HAVE SOLID 2X BLOCKING AT 4' 0" ON	258 013 er.cc
RIZONTAL CONSTRUCTION JOINTS IN CONCRETE PLACEMENTS SHALL	CENTER MAXIMUM VERTICALLY. END NAIL WITH 2-16D NAILS OR SIDE TOE NAIL WITH 2-16D NAILS.	-01 187 187 50-00 aghé
WINGS. ALL VERTICAL CONSTRUCTION JOINTS SHALL BE MADE IN CENTER OF SPANS IN ACCORDANCE WITH THE TYPICAL DETAILS.	G. PROVIDE DOUBLE STUDS AT ALL WALL CORNERS AND ON EACH SIDE OF ALL OPENINGS, UNLESS NOTED OR DETAILED OTHERWISE.	(Contraction) (C
NTRACTOR SHALL SUBMIT PROPOSED LOCATIONS FOR NSTRUCTION JOINTS NOT SHOWN ON THE STRUCTURAL DRAWINGS REVIEW BY THE ARCHITECT AND ENGINEER ADDITIONAL	H. FLOOR SHEATHING: 3/4" APA RATED TONGUE AND GROOVE SHEATHING WITH AN EXPOSURE 1 RATING (OR) 3/4" GRADE C-D TONGUE AND	ر العالي (51، ر
NSTRUCTION JOINTS MAY REQUIRE ADDITIONAL REINFORCING AS CIFIED BY THE ENGINEER WHICH SHALL BE PROVIDED BY THE	GROOVE PLYWOOD WITH EXTERIOR GLUE. FLOOR SHEATHING SHALL BE GLUED TO THE WOOD SUPPORT MEMBERS WITH A WET USE ADHESIVE, IN ADDITION TO BEING NAILED TO THE SUPPORTS WITH 10D RING SHANK	ODD ODE Control ODD ODD ODE Control ODE CO
TRACTOR AT NO ADDITIONAL COST TO THE OWNER.	NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. STAGGER JOINTS IN SHEATHING.	Au Pho Www
BEDDED CONDUITS, PIPES, AND SLEEVES SHALL MEET THE QUIREMENTS OF ACI 318, SECTION 26.8, INCLUDING THE FOLLOWING:		
CONDUITS AND PIPES EMBEDDED WITHIN A SLAB, WALL, OR BEAM	I. ROOF SHEATHING: 1/2" APA RATED SHEATHING WITH AN EXPOSURE 1 RATING (OR) 1/2" GRADE C-D PLYWOOD WITH EXTERIOR GLUE. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS WITH THE LONG	
(OTHER THAN THOSE PASSING THROUGH) SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, WALL OR BEAM IN WHICH THEY ARE EMBEDDED	DIMENSION ORIENTED PERPENDICULAR TO THE FRAMING MEMBERS. NAIL WITH 8D COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES	
OLAD, WALL ON DEAMING WHICH THE FARE LINDEDDED.	AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. STAGGER JOINTS IN SHEATHING.	
CONDUITS, PIPES AND SLEEVES SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.	J. ALL CORNERS OF WALL FRAMING SHALL BE BRACED BY A 4' 0" WIDE X 1/2" PANEL OF APA RATED SHEATHING WITH AN EXPOSURE 1 RATING	as
MITTAL: SUBMIT PROPOSED MIX DESIGNS IN ACCORDANCE WITH ACI	EXTENDING FROM THE TOP PLATE TO THE SILL PLATE. ALSO PROVIDE PANELS AT 25'-0" ON CENTER MAXIMUM, BUT NOT LESS THAN 16% OF	ex ex
CHAPTER 3.9. EACH PROPOSED MIX DESIGN SHALL BE COMPANIED BY A RECORD OF PAST PERFORMANCE BASED ON AT ST 30 CONSECUTIVE STRENGTH TESTS, OR BY THREE LABORATORY	8'-0", PROVIDE MULTIPLE PANELS AS REQUIRED TO EXTEND FROM SILL PLATE TO TOP PLATE. PROVIDE 2X BLOCKING AS REQUIRED TO	
AL MIXTURES WITH CONFIRMATION TESTS.	SUPPORT ALL PANEL EDGES. NAIL WITH 8D COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS	O O O I O I O I O I O I O I O I O I O I
JTE AFTER 10 TO 15 PERCENT OF THE LOAD HAS BEEN DISCHARGED.		T I C ust
	K. SOLID 2X BLOCKING OR BANDBOARD SHALL BE PROVIDED AT SUPPORTS AND CANTILEVER ENDS OF ALL WOOD JOISTS, AND BETWEEN SUPPORTS IN ROWS NOT EXCEEDING 8'-0" APART.	G A R I C AD A1
ESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, ALL	L. ALL FRAMING MEMBERS FRAMING INTO THE SIDE OF A HEADER SHALL BE ATTACHED USING METAL JOIST HANGERS OF TYPE "LU" AS MANUFACTURED BY THE SIMPSON COMPANY OR FOUND THE HANGER	
CUCTURAL FRAMING LUMBER SHALL BE CLEARLY MARKED NO. 2 JTHERN YELLOW PINE OR DOUGLAS FIR, EXCEPT THAT NON-LOAD RING INTERIOR WALLS MAY BE STUD GRADE SOUTHERN YELLOW E. DOUGLAS FIR, OR SPRUCE-PINE-FIR.	SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SIZE OF JOIST SUPPORTED.	L I S T VTEH reet
IDS SHALL BE 2 X 4'S AT 16 INCHES ON CENTER, TYPICAL, UNLESS	M. NAILING AND ATTACHMENT OF ALL FRAMING MEMBERS AND SHEATHING SHALL BE AS SPECIFIED IN THE INTERNATIONAL BUILDING CODE	St CEI
OD PRESERVATIVE TREATED LUMBER (PRESSURE TREATED):	NAILING SCHEDULE UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS. COMMON WIRE NAILS OR SPIKES, OR GALVANIZED BOX NAILS SHALL BE USED FOR ALL FRAMING UNLESS NOTED OTHERWISE	L C E E C I C I C I C I C I C I C I C I C
PRESERVATIVE TREATED LUMBER SHALL BE SOUTHERN YELLOW PINE AND SHALL BE TREATED AS DESCRIBED BELOW.	ON THE STRUCTURAL DRAWINGS.	TO TO arc
PERFORMED ACCORDING TO THE AWPA METHODS DESCRIBED BELOW. THE PRESERVATIVE CHEMICALS SHALL BE WATERBORNE	N. PLACE A SINGLE PLATE AT THE BOTTOM AND A DOUBLE PLATE AT THE TOP OF ALL STUD WALLS.	R I T A TSI
AND CAN INCLUDE ALKALINE COPPER QUAT (ACQ-C, ACQ-D) AND COPPER AZOLE (CBA-C & CA-B) FOR INTERIOR OR EXTERIOR USES AND INORGANIC BORON (SBX) FOR INTERIOR USE ONLY	O. SIMPSON STRONG TIE STEEL CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL THE FOLLOWING COMPOSITION/ FINISH:	н S Н
PRESERVATIVE SHALL NOT CONTAIN ARSENIC OR CHROMIUM AND SHALL NOT CONTAIN AMMONIA CARRIERS.		Sa
WOOD INSTALLED FOR ABOVE GROUND USE SHALL BE	INTERIOR SBX/DOT G90	302
PRESERVATIVE TREATED USING WATER-BORNE PRESERVATIVES IN ACCORDANCE WITH AWPA U2, USE CATEGORY UC3B. THE	INTERIOR/EXTERIOR CBA-A / 0.41 PCF (MAX) HDG / ZMAX INTERIOR/EXTERIOR CA-B / 0.21 PCF (MAX) HDG / ZMAX	∞
	UNCERTAIN OR RETENTION LEVELS GREATER THAN NOTED ABOVE WILL REQUIRE TYPE 304 OR 316 STAINLESS STEEL CONNECTORS AND	
a. WOOD JOISTS OR WOOD FLOOR WITHOUT JOISTS ARE CLOSER THAN 18 INCHES OR WOOD GIRDERS ARE CLOSER THAN 12 INCHES TO THE EXPOSED GROUND IN CRAWL SPACE	P. PROVIDE DOUBLE JOISTS UNDER ALL INTERIOR PARTITION WALLS	
	Q. ALL BOLTS AND LAG SCREWS SHALL HAVE STANDARD WASHERS. ALL	PROJECT NO:
 WOOD FRAMING MEMBERS INCLUDING WOOD SHEATHING WHICH REST ON EXTERIOR FOUNDATION WALLS AND ARE LESS THAN 8INCHES FROM THE EXPOSED FARTH 	CONNECTIONS IN CRAWLSPACE AREAS SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL.	FTHC_HG_10202019
c. WOOD FRAMING MEMBERS OR FURRING STRIPS ATTACHED	R. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL WOOD FRAMING MEMBERS, PROVIDE ADDITIONAL WOOD FRAMING MEMBERS	DATE: 12/06/19
WOOD SI FEPERS AND SILL PLATES ON CONCRETE OP	SHOWN ON THE ARCHITECTURAL DRAWINGS EVEN THOUGH THEY MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.	
MASONRY SLAB THAT IS IN DIRECT CONTACT WITH EARTH.		SHEET NAME:

50% CONSTRUCTION DOCUMENTS

S-100

SHEET NO:

STRUCTURAL NOTES

CONCRETE REINFORCING

- A. CONCRETE REINFORCEMENT FOR THE PROJECT SHALL CONFORM TO THE FOLLOWING:
- 1. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL IN ACCORDANCE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE IN THE STRUCTURAL DRAWINGS OR THESE NOTES.
- 2. WELDED WIRE REINFORCEMENT. WELDED SMOOTH WIRE REINFORCEMENT, ASTM A185, YIELD STRENGTH 65,000 PSI WHERE NOTED ON THE STRUCTURAL DRAWINGS. WELDED DEFORMED WIRE REINFORCEMENT, ASTM A497, YIELD STRENGTH 70,000 PSI WHERE NOTED ON THE STRUCTURAL DRAWINGS. WELDED WIRE REINFORCEMENT TO BE PROVIDED IN FLAT SHEETS.
- B. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE 315 DETAILING MANUAL AND ALL HOOKS AND BENDS IN REINFORCING BARS SHALL CONFORM TO ACI DETAILING STANDARDS, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
- C. WELDED WIRE REINFORCEMENT SHALL BE CONTINUOUS ACROSS THE ENTIRE CONCRETE SURFACE AND NOT INTERRUPTED BY BEAMS OR GIRDERS AND PROPERLY LAPPED ONE CROSS WIRE SPACING PLUS 2".
- D. REINFORCEMENT IN TOPPING SLABS SHALL BE WELDED SMOOTH WIRE REINFORCEMENT MINIMUM 6 X 6 W2.9 X W2.9 IN ALL TOPPING SLABS UNLESS SPECIFIED OTHERWISE ON THE STRUCTURAL DRAWINGS.
- E. IN UNSCHEDULED GRADE BEAMS, WALLS, AND SLABS, DETAIL REINFORCING AS FOLLOWS:
- CLASS A LAP BEAM TOP REINFORCING BARS AT MID SPAN.
 CLASS A LAP BEAM BOTTOM REINFORCING BARS AT THE
- SUPPORTS.
- 3. PROVIDE CLASS B LAP AT OTHER LOCATION PENDING ENGINEER'S APPROVAL.
- 4. PROVIDE STANDARD HOOKS IN TOP BARS AT CANTILEVER AND
- DISCONTINUOUS ENDS OF BEAMS, WALLS AND SLABS.
 5. PROVIDE CORNER BARS FOR ALL HORIZONTAL BARS AT THE INSIDE AND OUTSIDE FACES OF INTERSECTING BEAMS OR WALLS. CORNER BARS ARE NOT REQUIRED IF HORIZONTAL BARS ARE HOOKED.
- 6. PROVIDE 2-#4 DIAGONAL BARS AT ALL SLAB RE-ENTRANT CORNERS PLACED UNDER THE TOP MAT OF STEEL.
- F. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS.
- G. HEAT SHALL NOT BE USED IN THE FABRICATION OR INSTALLATION OF REINFORCEMENT.
- H. REINFORCING STEEL CLEAR COVER SHALL BE AS FOLLOWS:
 1. EARTH-FORMED GRADE 1 1/2" TOP, 3" SIDES, 3" BOTTOM BEAMS
- FORMED GRADE BEAMS 1 1/2" TOP, 2" SIDES, 3" BOTTOM
 SLAB-ON-GRADE 3/4" TOP
- a. "EXTERIOR EXPOSURE" REFERS TO CONCRETE EXPOSED TO EARTH OR WEATHER.
- I. SUBMITTAL: SUBMIT SHOP DRAWINGS FOR FABRICATION, BENDING, AND PLACEMENT OF CONCRETE REINFORCEMENT. COMPLY WITH ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT". DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS.

COMPOSITE WOOD MEMBERS

- A. WHERE NOTED ON THE STRUCTURAL DRAWINGS, JOISTS SHALL BE EITHER LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) AS SPECIFIED ON THE DRAWINGS WITH THE FOLLOWING PROPERTIES.
- LAMINATED VENEER LUMBER (LVL):

 a. ELASTIC MODULUS:
 b. ALLOWABLE BENDING STRESS:
 2,600 PSF

 PARALLEL STRAND LUMBER (PSL):
- a.ELASTIC MODULUS:2,000,000 PSIb.ALLOWABLE BENDING STRESS:2,900 PSF
- B. DO NOT NOTCH JOISTS OR BEAMS. DRILL HOLES THROUGH WEBS OF ENGINEERED WOOD MEMBERS FOR MECHANICAL, ELECTRICAL OR PLUMBING SERVICES IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ENGINEERED WOOD PRODUCT MANUFACTURER.
- C. MULTIPLE WOOD BEAMS UP TO THREE MEMBERS THICK SHALL BE NAILED TOGETHER WITH THREE ROWS OF 12D NAILS AT 12" ON CENTER. FOUR OR MORE MULTIPLE WOOD BEAMS AND ANY MULTIPLE WOOD BEAMS UTILIZING BEAMS THICKER THAN 1 3/4" SHALL BE BOLTED TOGETHER WITH 1/2" DIAMETER BOLTS TOP AND BOTTOM AT SUPPORTS AND ENDS OF THE BEAM, THEN 2 ROWS AT 24" ON CENTER, STAGGERED TOP AND BOTTOM FOR THE FULL LENGTH OF THE BEAM.
- D. WHERE MULTIPLES OF TWO 1 3/4" MICRO-LAM BEAMS ARE NOTED ON THE STRUCTURAL DRAWINGS, THE CONTRACTOR MAY PROVIDE SINGLE 3 1/2" BEAMS IN LIEU OF DOUBLE 1 3/4" BEAMS.
- E. PROVIDE WEB STIFFENERS WHERE REQUIRED BY THE MANUFACTURER FOR THE SPECIFIED SUPPORT CONDITION.
- F. CONNECTORS FOR DOUBLE 1 3/4" BEAMS OR SINGLE 3 1/2" BEAMS SHALL BE SIMPSON HHUS410 FACE MOUNTED HANGERS, TYPICAL UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

DESIGN BY OTHERS

- A. IN ACCORDANCE WITH THE SPECIFICATIONS THE ITEMS LISTED BELOW ARE NOT INCLUDED IN THE CONTRACT DOCUMENTS. DESIGN OF THESE ELEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE.
- 1. GUARDRAIL AND HANDRAIL SYSTEMS
- 2. PRE-ENGINEERED ROOF TRUSSES
- B. DESIGN OF THE ITEMS LISTED ABOVE SHALL BE IN ACCORDANCE WITH THE GENERAL BUILDING CODE, AND SHALL INCLUDE ALL ATTACHMENTS TO THE STRUCTURE.

PREFABRICATED METAL PLATE CONNECTED WOOD TRUSSES

- A. TRUSSES SHALL BE DESIGNED BY THE CONTRACTOR IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION" (ANSI/TPI 1).
- B. TRUSS MEMBERS SHALL BE CLAMPED IN A MECHANICAL OR HYDRAULIC JIG WITH SUFFICIENT PRESSURE TO BRING MEMBERS INTO REASONABLE CONTACT AT ALL JOINTS DURING APPLICATION OF CONNECTOR PLATES.
- C. PROVIDE ADEQUATE ERECTION BRACING IN ACCORDANCE WITH TRUSS PLATE INSTITUTE PUBLICATION BCSI-1-06.
- D. TRUSS MANUFACTURER SHALL PROVIDE PERMANENT BRACING AS REQUIRED BY THE DESIGN OF THE TRUSSES. ERECTION BRACING MAY REMAIN IN PLACE AS PERMANENT BRACING WHERE IT DOES NOT INTERFERE WITH THE ARCHITECTURAL FINISHES.
- E. ALL TIMBER TRUSS MEMBERS SHALL BE SOUTHERN YELLOW PINE WITH A MAXIMUM MOISTURE CONTENT OF 19%. CHORD MEMBERS SHALL BE NO. 2 OR BETTER AND WEB MEMBERS SHALL BE NO. 3 OR BETTER.
- F. CONNECTION PLATES SHALL BE MANUFACTURED BY A WTCA MEMBER PLATE MANUFACTURER. PLATES SHALL BE 20 GAUGE MINIMUM, ASTM A653 GRADE 33 STEEL, WITH A G60 GALVANIZED COATING.
- G. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
- 1. TOP CHORDS SHALL BE DESIGNED TO RESIST THE LOCAL BENDING INDUCED BY THE FLOOR OR ROOF UNIFORM LOAD ON THE TOP CHORD.
- 2. LIMIT LIVE LOAD DEFLECTION OF TRUSSES TO L/360. TOTAL LOAD DEFLECTIONS SHALL BE LIMITED TO L/240.
- 3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR DURATION OF LOAD AS FOLLOWS:
- a.ROOF LOADS25 PERCENTb.WIND LOADS33 PERCENT
- c. SEISMIC... 33 PERCENT
- 4. TRUSSES SHALL BE DESIGNED FOR THE SUPERIMPOSED DEAD, LIVE AND SNOW LOADS AS NOTED IN THE STRUCTURAL NOTES AND AS INDICATED ON THE STRUCTURAL DRAWINGS. SUPERIMPOSED...
- a. ROOF TRUSSES:

1	DEAD LOAD	
	i. TOP CHORD	15 PSF
	ii. BOTTOM CHORD	5 PSF
2	LIVE LOAD	
		16 PSF

- ii. BOTTOM CHORD 4 PSF
- 5. TRUSSES SHALL BE DESIGNED FOR THE SUPERIMPOSED WIND LOADS IN ACCORDANCE WITH THE SPECIFIED GENERAL BUILDING CODE AND THE SPECIFIED BASIC WIND SPEED, EXPOSURE, AND IMPORTANCE FACTOR. INCREASE MEMBER SIZES OR PROVIDE ADDITIONAL BRIDGING AS REQUIRED TO RESIST UPLIFT FORCES.
- H. CONNECT ROOF TRUSSES TO BEARING WALL OR BEAM SUPPORT AT EACH END WITH A TYPE H2.5 FRAMING ANCHOR AS MANUFACTURED BY THE SIMPSON COMPANY OR ACCEPTED EQUAL.
- I. FOR SIZE AND LOCATION OF MECHANICAL OPENINGS, SEE MECHANICAL DRAWINGS.
- J. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR REVIEW. SHOP DRAWINGS SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE.
- K. FLOOR JOISTS SHALL BE PROVEN BY TESTING AS DEMONSTRATED EITHER BY ICBO AND NRB ACCEPTANCE.
- L. TAG ALL CONNECTION POINTS ON WEB MEMBERS WHERE PERMANENT LATERAL BRACING IS REQUIRED BY DESIGN.
- M. AT ROOF RIDGES AND VALLEYS NOT FRAMED WITH HIP TRUSSES, PROVIDE BLOCKING BETWEEN TRUSSES AS REQUIRED TO PROVIDE CONTINUOUS SUPPORT FOR ROOF SHEATHING.
- N. ALL TRUSS-TO-TRUSS, TRUSS-TO-BEAM AND TRUSS-TO-WALL CONNECTIONS SHALL BE DESIGNED AND SUPPLIED BY THE TRUSS MANUFACTURER. ALL BEAM-TO-TRUSS CONNECTIONS SHALL BE PROVIDE BY THE ENGINEER OF RECORD.

DEFERRED SUBMITTALS

- A. IN ACCORDANCE WITH THE GENERAL BUILDING CODE, SECTION 107.3.4.2, THE FOLLOWING SUBMITTALS WILL NOT BE ISSUED AT THE TIME OF PERMIT APPLICATION, AND WILL BE "DEFERRED" TO A LATER DATE. DEFERRED SUBMITTALS ARE REQUIRED TO BE SUBMITTED TO THE BUILDING OFFICIAL. HOWEVER, THESE SUBMITTALS SHALL BE SUBMITTED AND APPROVED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (RDPIRC) PRIOR TO SUBMITTING TO THE BUILDING OFFICIAL. DEFERRED SUBMITTALS ARE DESIGN ITEMS BEING DELEGATED TO THE CONTRACTOR WHICH SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE HAVING JURISDICTION AT THE PROJECT SITE.
- B. THE FOLLOWING STRUCTURAL COMPONENTS SHALL BE TREATED AS DEFERRED SUBMITTALS:
- GUARDRAIL AND HANDRAIL SYSTEMS
 PRE-ENGINEERED ROOF TRUSSES
- C. DESIGN OF THE ITEMS LISTED ABOVE SHALL BE IN ACCORDANCE WITH THE GENERAL BUILDING CODE, AND SHALL INCLUDE ALL ATTACHMENTS TO THE STRUCTURE.
- D. WORK ASSOCIATED WITH DEFERRED SUBMITTALS SHALL NOT BE PERFORMED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
- E. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL DEFERRED SUBMITTAL ITEMS.

ABBREVIATIONS

A.F.F.

ADD'L

ADJ.

A/C

AHU

A.C.I.

A.I.S.C.

A.B.

APPROX.

ARCH

ARCH'L

@

B.F.

BM

BSMT

BRG.

B.F.F.

BTWN

BLKG.

B.O.

B.O.S.

BLDG.

C.I.P.

CLG.

C.G.

C.G.S.

CLR.

CFS

COL.

CONC

CMU

CONN.

CONST.

CONT. CONTR.

C.J.

DL

D.B.A.

DIAG.

DIM.

DBL

DWL

DWG

EΑ

E.F.

E.W.

ELEC.

ELEV.

ENGR.

EQUIP.

EXIST.

(E)

EXP.

EJ

EXT.

FAB.

FS

F.V.

FF

FN

FD

FT

FDN

GA.

GALV

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KLF

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EL.

DIA. OR Ø

COORD.

CONST. JT.

CL

B.L.

BOT. OR BOTT.

ALT

ABOVE FINISHED FLOOR ADDITIONAL ADJACENT AIR CONDITIONER AIR HANDLING UNIT ALTERNATE AMERICAN CONCRETE INSTITUTE AMERICAN INSTITUTE OF STEEL CONSTRUCTION ANCHOR BOLT ANGLE APPROXIMATE ARCHITECT ARCHITECTURAL AT BACK FACE BASEMENT BEAM BEARING **BELOW FINISH FLOOR** BETWEEN BLOCKING BOTTOM BOTTOM OF BOTTOM OF STEEL **BRICK LEDGE** BUILDING CAST-IN-PLACE CEILING CENTER OF GRAVITY CENTER OF GRAVITY OR STRAND CENTERLINE CLEAR OR CLEARANCE COLD FORMED STEEL COLUMN COMPRESSION CONCRETE CONCRETE MASONRY UNIT CONNECTION CONSTRUCTION CONSTRUCTION JOINT CONTINUOUS CONTRACTOR CONTROL JOINT COORDINATE DEAD LOAD DEFORMED BAR ANCHOR DIAGONAL DIAMETER DIMENSION DOUBLE DOWEL DRAWING EACH EACH FACE EACH WAY ELECTRICA ELEVATION ELEVATOR ENGINEER EQUAL EQUIPMENT EXISTING EXISTING EXPANSION EXPANSION JOINT EXTERIOR FABRICATE FAR SIDE FIELD VERIFY FINISH FLOOR FIXED NUMBER FLOOR DRAIN FOOT (OR) FEET FOUNDATION GAGE OR GAUGE GALVANIZED GENERAL CONTRACTOR HEADED STUD ANCHOR HEADER HEIGHT HIGH POINT HOLLOW STRUCTURAL SECTION HORIZONTAL HORIZONTAL BRACE INFORMATION **INSIDE DIAMETER** INSIDE FACE INTERIOR INTERMEDIATE JOINT JOIST JOIST GIRDER **KIP PER LINEAR FOOT KIP PER SQUARE FOOT KIP PER SQUARE INCH** KIPS (1000 LBS) LIGHTWEIGHT

ABBREVIATIONS

LIGHTWEIGHT CONCRETE	LWC.
LIVE LOAD	LL
LOCATION	LOC.
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LONG SIDE HORIZONTAL	LSH
LONG SIDE VERTICAL	LSV
LONGITUDINAL	LONG
LOW POINT	L.P.
MANUFACTURER	MANUF.
MATERIAL	MAT.
MAXIMUM	MAX.
MECHANICAL	MECH.
MECHANICAL, ELECTRICAL, PLUMBING	MEP
METAL	MTL
MEZZANINE	MEZZ.
MIDDLE	MID.
MINIMUM	MIN.
MISCELLANEOUS	MISC.
MOMENT CONNECTION	MC
NEAR SIDE	NS
NEW	(N)
NOMINAL	NOM.
NON-SHRINK	N.S.
NOT IN CONTRACT	N.I.C.
NOT TO SCALE	N.T.S.
NUMBER	NO.
ON CENTER	0.C.
OPENING	OPNG.
OPPOSITE	OPP.
OPPOSITE HAND	O.H.
OUTSIDE DIAMETER	O.D.
OUTSIDE FACE	O.F.
PAN	P
PANEL JOINT	P.J.
PERPENDICULAR	PERP.
PLATE	PL
POST-TENSION(ED)	P-T
POUNDS	# OR LBS.
POUNDS PER CUBIC FOOT	PCF
POUNDS PER LINEAR FOOT	PLF
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PRE-ENGINEERED METAL BUILDING	PEMB
PRECAST CONCRETE	P/C
PREFABRICATED	PREFAB.
PRELIMINARY	PRELIM.
PROJECTION	PROJ.
QUANTITY	QTY.
REINFORCE(ING)(ED)(MENT)	REINF.
REMAINDER	R
REQUIRE (D)	REQ.('D)
RETENTION SYSTEM	RET. SYS.
ROOF TOP UNIT	RTU
ROUGH OPENING	R.O.
SCHEDULE	SCHED.
SIMILAR	SIM.
SLAB-ON-GRADE	S.O.G.
SPECIFICATION	SPECS.
SPECIFIED	SPEC'D.
SQUARE	SQ
SQUARE FOOT	SF
STAINLESS STEEL	S.S.
STANDARD	STD
STEEL	STL
STEEL JOIST INSTITUTE	S.J.I.
STIFFENER	STIFF.
STIRRUP	STIR.
STRUCTURAL	STIR.
STRUCTURAL	STRUCT'L
STRUCTURE	STRUCT.
SUBCONTRACTOR	SUBCONTR.
TEMPORARY	TEMP.
TENSION	T
THICK	THK
TONGUE AND GROOVE	T&G
TOP AND BOTTOM	T&B
TOP OF	T.O.
TOP OF BEAM	T.O.B.
TOP OF CONCRETE	T.O.C.
TOP OF EQOTING	T.O.F
TOP OF JOIST	T.O.J.
TOP OF PIER	T.O.P.
TOP OF STEEL	T.O.S.
TOP OF WALL	T.O.W.
TYPICAL	TYP.
VERTICAL	VERT.
WATER STOP	WS
WELDED WIRE FABRIC	W.W.F.
WIDE FLANGE	WF
WIND BRACE	WB
WIND LOAD	WL
WITH	W/
WITHOUT	W/O
WORK POINT	WP

STRUCTURAL LEGEND							
EXAMPLE	DESCRIPTION						
BEAM SIZE NUMBER OF HEADED STUDS W21X55 (22) c=3/4" CAMBER	STEEL BEAM						
XK < SHEAR XK-FT < MOMENT	BEAM REACTIONS (SAME EACH END)						
XK XK SHEAR XK-FT XK-FT MOMENT	BEAM REACTIONS (UNIQUE EACH END)						
MOMENT CONNECTION	STEEL BEAM MOMENT CONNECTION						
COLUMN SIZE	STEEL COLUMN						
C1 CONCRETE COLUMN TYPE MARK	CONCRETE COLUMN						
BELL P36/48 ← PIER TYPE MARK T.O.PIER EL.	CONCRETE PIER						
F1 ← FOOTING -3'-0" TYPE MARK T.O.FTG EL.	CONCRETE FOOTING						
	STEEL BEAM SPLICE						
ELEVATION CALLOUT (OPTIONAL)	VERTICAL BRACE TAG						
ELEVATION CALLOUT (OPTIONAL) MF-1	MOMENT FRAME TAG						
	WELDED METAL BAR GRATING						
	ROOF TOP UNIT (RTU)						
	LOAD BEARING MASONRY WALL						
	CONCRETE WALL						
	WOOD SHEARWALL						
	WOOD LOAD BEARING WALL						
	EXISTING CONSTRUCTION (HALFTONE)						

	15 MEET LIST
SHEET NO.	SHEET NAME
S-100	STRUCTURAL NOTES
S-101	STRUCTURAL NOTES
S-102	SPECIAL INSPECTION
S-120	FOUNDATION & ROOF FRAMING PLAN
S-510	TYPICAL DETAILS
S-511	FOUNDATION DETAILS
S-512	ROOF FRAMING DETAILS

I Pur Jam Tex Dat JQ + TSEN 210 BARTON SF 512.474.4001 JQT PROJECT NO	INT RE DOCU I INTENDEE MIT OR COP POSES: IE BUCHAN, AS REGISTA E: 12-06-20 IE BUCHAN, AS REGISTA E: 12-06-20 IE BUCHAN, AS REGISTA DE DE D	CERIM VIEW JMENTS PFOR BIDDING, NSTRUCTION AN, P.E. RATION NO: 92680 119	TIN, TEXAS 78704 PE FIRM F-12778
Hutson Gallagher		1206 Quail Park Drive Austin, Texas 78758 Phone: (512) 960-0013	www.HutsonGallagher.com
FRENCH LEGATION	STATE HISTORIC SITE	VISITOR CENTER - ADDITION	802 San Marcos Street • Austin, Texas
PROJI FTHC DATE	ECT _HC	' NO: G_1020/ 1	2019 2/06/19

SHEET NO: **S-101**

SPECIAL INSPECTIONS

- WORK WITHOUT SPECIAL INSPECTION.

	VERIFICATION AND INSPECTION TASKS OF CONCRETE C	CONSTRUCTION	I (IBC TABLE	1705.3)	
SPECIAL INSPECTION	VERIFICATION AND INSPECTION	INSPECTION	FREQUENCY	REFERENCED STANDARD	IBC REFERENCE
REQUIRED		CONTINUOUS	PERIODIC		
YES	 INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT. 		х	ACI 318: CH. 20, 25.2, 25.3, 26.5.1-26.5.3	1908.4
	2. REINFORCING BAR WELDING:				
NO	A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706		Х	AWS D1.4 ACI 318: 26 5 4	
NO	B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"		Х	010.20.0.1	
NO	C. INSPECT ALL OTHER WELDS.	Х			
YES	3. INSPECTION OF ANCHORS CAST IN CONCRETE.		Х	ACI 318:17.8.2	
NO	4. INSPECTION OF POST-INSTALLED ANCHORS HARDENED CONCRETE.				
NO	A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED	х		ACI 318: 17.8.2.4	
NO	 B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A. 		Х	ACI 318: 17.8.2	
NO	SPECIAL INSPECTOR MUST BE CERTIFIED BY ACI/CRSI "ADHESIVE ANCHOR INSTALLER". A REPORT MUST BE SUBMITTED TO THE LICENSED DESIGN PROFESSIONAL AND BUILDING OFFICIAL DOCUMENTING, STATING HOW EACH ANCHOR WAS INSTALLED, INCLUDING THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS PER ACI 318.			ACI 318: 17.8.2.2 17.8.2.4	
YES	5. VERIFY REQUIRED DESIGN MIX.		х	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
YES	 PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. 	х		ASTM C 172 ASTM C 31 ACI 318: 26.4.5, 26.12	1908.1
YES	7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	х		ACI 318: 26.4.5	1908.6, 1908.7, 1908.8
YES	8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		Х	ACI 318: 26.4.7-26.4.9	1908.9
	9. INSPECTION OF PRESTRESSED CONCRETE:				
NO	A. APPLICATION OF PRESTRESSING FORCES:	Х		ACI 318: 26.9.2.1	
NO	B. GROUTING OF BONDED PRESTRESSING TENDONS.	Х		ACI 318: 26.9.2.3	
NO	10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.		Х	ACI 318: 26.8	
YES	11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		х	ACI 318: 26.10.2	
YES	12. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		Х	ACI 318: 26.10.1(B)	

1. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE 2015 INTERNATIONAL BUILDING CODE (IBC) BY A SPECIAL INSPECTOR HIRED BY THE OWNER TO PERFORM THE SPECIAL INSPECTIONS LISTED BELOW. THE SPECIAL INSPECTOR SHALL BE QUALIFIED BY AN APPROVED AGENCY ACCORDING TO THE CITY'S BUILDING OFFICIAL TO PERFORM THE SPECIAL INSPECTIONS FOR WHICH THEY WILL BE UNDERTAKING. THE CONTRACTOR SHALL COORDINATE WITH AND NOTIFY THE SPECIAL INSPECTOR OF ALL TESTS. THE SPECIAL INSPECTOR SHALL BE RESPONSIBLE TO VERIFY THAT THE ITEMS DETAILED IN THE CONSTRUCTION DOCUMENTS WERE BUILT ACCORDINGLY AND SHALL PREPARE, SIGN, AND FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE ARCHITECT FOR ALL TIME SPENT AT THE SITE. THE INSPECTOR SHALL BRING DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE GENERAL CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE ARCHITECT PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. THESE SPECIAL INSPECTIONS ARE IN ADDITION TO THE OTHER INSPECTIONS LISTED IN THESE STRUCTURAL NOTES OR PROJECT SPECIFICATIONS.

2. WHERE STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES ARE SHOP FABRICATED, THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO THE CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS, UNLESS THE FABRICATOR IS REGISTERED AND APPROVED TO PERFORM SUCH

	VERIFICATION AND INSPECTION OF WOOD (IBC 1705.5)					
SPECIAL INSPECTION	VERIFICATION, INSPECTION AND TESTING	INSPECTION FREQUENCY				
REQUIRED		CONTINUOUS	PERIODIC			
YES	1. FABRICATION PROCESS OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH IBC 1704.2.5 AND LOCAL AMENDMENTS		х			
	2. INSPECT LATERAL RESISTING ELEMENTS, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS), AND HOLD-DOWNS FOR THE FOLLOWING:					
NO	A. GRADE AND THICKNESS OF FRAMING MEMBERS ON BUILDING PLANS, INCLUDING WOOD STRUCTURAL PANEL SHEATHING.		х			
NO	B. NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES FOR DIAPHRAGMS AND SHEAR WALLS.		х			
NO	C. NAIL OR STAPLE DIAMETER AND LENGTH FOR DIAPHRAGMS AND SHEAR WALLS.		Х			
NO	D. NUMBER OF FASTENER LINES AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS		х			
NO	E. BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS.		Х			
	3. TRUSSES WITH CLEAR SPAN OF 60'-0" OR GREATER, INSPECTOR SHALL VERIFY THE FOLLOWING:					
NO	A. TEMPORARY INSTALLATION RESTRAINT/BRACING INSTALLED PER APPROVED TRUSS SUBMITTAL.	х				
NO	B. PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING INSTALLED PER APPROVED TRUSS SUBMITTAL.	х				

	VERIFICATION AND INSPECTION OF SOILS (IBC TABLE 1705.6)			
SPECIAL NSPECTION	VERIFICATION, INSPECTION AND TESTING	INSPECTION	FREQUENCY	
REQUIRED		CONTINUOUS	PERIODIC	
YES	 VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. 		х	
YES	 VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL. 		Х	
YES	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		Х	
YES	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	х		
YES	 PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY. 		x	

1 FOUNDATION PLAN - KITCHEN ADDITION SCALE: 1/4" = 1'-0"

PLAN NOTES:

- 1. FINISH FLOOR ELEVATION = 0'-0", UNLESS NOTED OTHERWISE.
- 2. TOP OF CONCRETE ELEVATION (T.O.C. EL.) = FINISH FLOOR. UNLESS RECESSED TO RECEIVE FLOORING MATERIALS.
- 3. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FLOOR RECESSES, DROPS AND SLOPES NOT DIMENSIONED ON PLAN.

2 ROOF FRAMING PLAN - KITCHEN ADDITION SCALE: 1/4" = 1'-0"

PLAN NOTES:

- SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ROOF SLOPES, HIPS, VALLEYS, AND RIDGES NOT SPECIFICALLY DIMENSIONED.
- 2. VERIFY AND COORDINATE ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS.
- 3. SEE STRUCTURAL NOTES FOR WALL FRAMING SIZES, SPACING, AND SPECIES.
- 4. SUPPORT COLUMNS IN WOOD FRAMED WALLS AT HEADERS AND BEAMS, SHALL BE 2-2x4, UNLESS NOTED OTHERWISE.
- 5. TRUSSES ARE SHOWN ON PLAN TO INDICATE DIRECTION OF FRAMING
- LAYOUT TO BE DETERMINED BY TRUSS SUPPLIER.
 6. ALL STICK FRAMING FOR CANOPIES, PORCHES, AND OVERHANGS ARE 2x6 @ 24"O.C., UNLESS NOTED OTHERWISE.
- ALL OVERBUILD FRAMING MEMBERS ARE 2x6 @ 24"O.C., UNLESS NOTED OTHERWISE.
- 8. ROOF DIAPHRAGM SHALL BE INSTALLED AS DIAPHRAGM AS DEFINED BY BUILDING CODE.

SHEET NO: S-511

50% CONSTRUCTION DOCUMENTS

SHEET NAME: FOUNDATION DETAILS

PROJECT NO: FTHC_HG_10202019 DATE: 12/06/19

Marcos Б П E \triangleleft F R S T / San 802

[O N S I T E **ADDITION** n, Austi Π E A Γ \mathbf{N} \mathcal{O} \bigcirc Ц TER Ē Street Г S EN Γ Η Τ \bigcirc \bigcirc VISITOR Ц

Gallagher Hutson

1206 Quail Park Drive Austin, Texas 78758 Phone: (512) 960-0013 www.HutsonGallagher.co

Texas

JQ#TSEN JQ + TSEN, LLC 210 BARTON SPRINGS RD., SUITE 250 AUSTIN, TEXAS 78704 512.474.4001 JQT PROJECT NO: 9180011.100 TBPE FIRM F-12778

INTERIM REVIEW DOCUMENTS

(NOT INTENDED FOR BIDDING, PERMIT OR CONSTRUCTION PURPOSES)

JAMIE BUCHANAN, P.E. TEXAS REGISTRATION No: 92680 DATE: 12-06-2019

INT REDOCT (NOT INTENDE PERMIT OR CO PURPOSES) JAMIE BUCHAS REGIST DATE: 12-06-2 JATE: 12-06-2 JATE: 12-06-2 JATE: 12-06-2	DERIM EVIEW UMENTS D FOR BIDDING, INSTRUCTION AAN, P.E. RATION NO: 92680 019	EN I, TEXAS 78704 E FIRM F-12778
Hutson Gallagher	1206 Quail Park Drive Austin, Texas 78758 Phone: (512) 960-0013	www.HutsonGallagher.com
FRENCH LEGATION State Historic Site	VISITOR CENTER - ADDITION	802 San Marcos Street • Austin, Texas
PROJECT FTHC_HO DATE: SHEET N ROOF FR DETAILS	TNO: G_10202 12 AME: AMING	019 2/06/19

S-512

MECHANICAL LEGEND

(NOTE: ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON DRAWINGS)

		SYMBOL	LEGEN
<u></u>	DUCTWORK		
	DUCTWORK SIZE (FIRST NUMBER IS VISIBLE DIMENSION)		
	DUCTWORK TURNING VANES		
	BRANCH DUCT TAKEOFF		
	DUCT TEE		
	TRANSITION (RECTANCI II AR)		
	TRANSITION (RECTANGULAR TO ROUND)		
	FLEXIBLE CONNECTION		
	VOLUME DAMPER		
	FIRE DAMPER OR SMOKE DAMPER		
	SUPPLY DUCT SECTION RECTANGULAR, FLAT, OVAL, ROUND		
	RETURN / EXHAUST / OUTSIDE AIR DUCT SECTION		
	SIDEWALL GRILLE OR REGISTER (SUPPLY)		
	SIDEWALL GRILLE OR REGISTER (RETURN OR EXHAUST)		
\square	CEILING GRILLE OR REGISTER (SUPPLY)		
	CEILING GRILLE OR REGISTER (EXHAUST OR RETURN)		
SD	SMOKE DETECTOR (DIVISION 16)		
\bigcirc	THERMOSTAT		
	CHANGE IN ELEVATION (R), (F)		

EGEND

		GEN	ERAL NOTE	IS		
1. 2.	THESE GENE	RAL NOTES APPLY	TO ALL SHEETS R DUCT SHOWN ON A PLAN	SHEET DIFFERS		C
	FROM THAT TWO SIZES S	SHOWN IN A SCHE SHOWN.	MATIC OR DETAIL, USE THE L	ARGER OF THE		Ē
3.	PIPING SHOW WHERE IT IS	WN ON EACH PLAN S SHOWN UNLESS (IS RUN ABOVE THE CEILING DTHERWISE NOTED.	ON THE FLOOR		
4.	Mount ther Above the Unless oth	RMOSTATS 48 INCHI LIGHT SWITCHES W IERWISE NOTED.	es above finished floor a Here both occur in the s	ND CENTERED SAME LOCATION,		
5.	NORMAL DES	SIGN CONDITIONS:	OUTSIDE	INSIDE		F
		SUMMER: WINTER:	98 °F DB, 78 °F WB 20 °F DB	75 °F DB, 50% 75 °F DB	RH	
6.	ALL DUCT D	IMENSIONS SHOWN	ARE CLEAR AIRSTREAM DIME	NSIONS.		Ľ
7.	do not run and painti assemblies responsibil	N AIR HANDLERS O ING IS COMPLETE. DUE TO PAINT O ITY OF THE HVAC	R EXHAUST FANS UNTIL ALL THE CLEANING OF FOULED CO R CONSTRUCTION DEBRIS WIL CONTRACTOR.	INTERIOR CLEANING OILS OR FAN L BE THE		R
						T

condensate drain Cubic feet per minute

ENTERING AIR TEMPERATURE

ENERGY EFFICIENCY RATIO

DEGREES FAHRENHEIT

LEAVING AIR TEMPERATURE

FEET PER MINUTE

RETURN AIR

SUPPLY FAN

TYPICAL

STATIC PRESSURE

TEST AND BALNCE

EXHAUST AIR

EXHAUST FAN ENTERING WET BULB

EXHAUST

KITCHENDEMOLITIONPLAN–MECHANICALSCALE:1/4" = 1'-0"

50% CONSTRUCTION DOCUMENTS

POINT.

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MECHANICAL DEMO LEGEND:

EXISTING DUCTWORK, EQUIPMENT AND PIPING TO BE DEMOLISHED. (WORK SHOWN IN DARK DASHED LINES)

EXISTING DUCTWORK, EQUIPMENT AND PIPING TO REMAIN. (WORK SHOWN IN HALF-TONE SOLID LINES)

POINT OF DISCONNECTION. DUCTWORK, EQUIPMENT AND PIPING TO BE DISCONNECTED FROM EXISTING AND DEMOLISHED AS SHOWN PAST THIS

PROJECT NO: FTHC_HG_10202019 DATE:

12/06/2019

REV:

SHEET NAME: Mechanical kitchen -

SHEET NO:

DEMOLITION FLOOR PLAN

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ИМС Consulting Mechanical • Electrical Engineers 9606 N. Mopac, Suite 350 (512)794–8234 Austin, Texas 78759 FAX (512)794–8239 Texas Firm Registration #F–2597 **Copylet • 2017**

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& ASSOCIATES INC.

- - -

R/A

(406)

D.S.

NEW STAIRCASE

KITCHEN ADDITION – MECHANICAL SCALE: 1/4" = 1'-0"

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF WILLIAM E. HARRIS, JR., P.E., REG. #43754 ON 12/6/19. IT IS NOT TO BE USED FOR BIDDING, PERMIT OR CONSTRUCTION.

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PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE: REV:

SHEET NAME: **MECHANICAL KITCHEN -**FLOOR PLAN

SHEET NO:

M-112

NEW MECHANICAL LEGEND:

NEW DUCTWORK, EQUIPMENT AND PIPING TO BE INSTALLED. (WORK SHOWN IN DARK SOLID LINES)

EXISTING DUCTWORK, EQUIPMENT AND PIPING OUTSIDE OF SCOPE. (WORK SHOWN IN HALF-TONE SOLID LINES)

POINT OF CONNECTION. NEW DUCTWORK, EQUIPMENT AND PIPING TO BE CONNECTED TO EXISTING AS SHOWN PAST THIS POINT. $\mathbf{\mathbf{O}}$

ELECTRICAL LEGEND

(NOTE: ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON DRAWINGS)

LIGHTING ALL LIGHT FIXTURES IN THE ROOM ARE THE TYPE INDICATED AС CONTACTOR, RATING AND POLES AS INDICATED. UNLESS OTHERWISE NOTED. TC TIME CLOCK, RATING AS INDICATED. FLUORESCENT LIGHTING FIXTURE. LETTER INDICATES TYPE. ΡE PHOTO-ELECTRIC CONTROL. INCANDESCENT, COMPACT FLUORESCENT OR HIGH INTENSITY $O \square A$ • DISCHARGE LIGHTING FIXTURE. EMERGENCY POWER OFF "EPO" SWITCH. WALL MOUNTED INCANDESCENT, COMPACT FLUORESCENT OR HIGH Τ DRY TYPE TRANSFORMER. ЮША INTENSITY DISCHARGE LIGHTING FIXTURE. ELECTRICAL METER EXIT LIGHTING FIXTURE. ARROW, WHEN USED, INDICATES DIRECTION. (BRACKET WHEN USED INDICATES WALL MOUNTED). SHADED AREA(S) INDICATE FACE(S). GROUNDING \mathbf{H} EMERGENCY BATTERY POWERED LIGHTING UNIT. \odot GROUND ROD. FLUORESCENT EMERGENCY. "NL" DESIGNATION DEPICTS NIGHT LIGHTING FIXTURE. — G — GROUND CONDUCTOR. SINGLE POLE SWITCH .. (3 INDICATES A THREE-WAY SWITCH) GROUND CONNECTION. 4 INDICATES A FOUR-WAY SWITCH) P INDICATES A SWITCH WITH PILOT LIGHT) **—**•— GROUND CONNECTION (EXOTHERMIC WELD) T INDICATES AN INTERVAL TIMER SWITCH) (WP INDICATES A WEATHERPROOF SWITCH) (D INDICATES A DIMMER SWITCH. 600 WATT MINIMUM) CORRIDOR OCCUPANCY SENSOR. CEILING MOUNTED -- OS ---FIRE ALARM SYSTEM ROOM OCCUPANCY SENSOR. WALL MOUNT AT SWITCH HEIGHT. 0S FACP FIRE ALARM CONTROL PANEL. 0S ROOM OCCUPANCY SENSOR. CEILING MOUNT. ANN FIRE ALARM SYSTEM REMOTE ANNUNCIATOR. OSP OCCUPANCY SENSOR POWER PACK. F FIRE ALARM MANUAL PULL STATION. WIRING DEVICES S FIRE ALARM SYSTEM SMOKE DETECTOR. MOUNT ON CEILING U SUBSCRIPT "F", WHEN USED, INDICATES DETECTOR UNDER RAIS ⊖-_{CLK} FLOOR. SIMPLEX RECEPTACLE (CLK INDICATES CLOCK HANGER RECEPTACLE) \bigcirc DUCT MOUNTED SMOKE DETECTOR. (M)DUPLEX RECEPTACLE. € MAGNETIC DOOR HOLDER. (I.G. INDICATES ISOLATED GROUND) I.G. F₫ (G.F.C.I. INDICATES INTERNAL GROUND FAULT PROTECTION) GFCI FIRE ALARM HORN. (W.P. INDICATES WEATHERPROOF) WP Ĭ REMOTE FIRE ALARM SYSTEM TROUBLE BELL (OR BUZZER). WR (W.R. INDICATES WEATHER RESISTANT) WF SPRINKLER SYSTEM FLOW SWITCH. DUPLEX RECEPTACLE. MOUNT 48" A.F.F. OR 6" ABOVE COUNTER Œ SS SPRINKLER SYSTEM SUPERVISERY SWITCH. TOP WHERE COUNTER IS INDICATED. ALL DUPLEX RECEPTACLES ABOVE COUNTERTOPS TO BE MOUNTED HORIZONTALLY. $\langle P \rangle$ SPRINKLER SYSTEM PRESSURE SWITCH. K ⊕ QUADRAPLEX RECEPTACLE. KITCHEN HOOD FIRE EXTINGUISHING SYSTEM SWITCH Ð FLUSH FLOOR DUPLEX RECEPTACLE. (H)FIRE ALARM SYSTEM HEAT DETECTOR AV Θ FLUSH WITH FLOOR COMBINATION DUPLEX RECEPTACLE FIRE ALARM SYSTEM AUDIO/VISUAL DEVICES. AND TELEPHONE RECEPTACLE. V FIRE ALARM SYSTEM VISUAL DEVICE. $\Theta \blacksquare \nabla$ FLUSH WITH FLOOR COMBINATION DUPLEX RECEPTACLE TELEPHONE AND DATA RECEPTACLES. CLOCK & BELL SYSTEM \bigcirc SPECIAL PURPOSE RECEPTACLE. SIZE AND NEMA CONFIGURATION AS INDICATED ON DRAWING. DOUBLE FACE CLOCK, WALL MOUNTED @ 78" A.F.F. CONDUIT AND WIRE Ю 4" BELL, WALL MOUNTED @ 78" A.F.F. CLOCK MASTER CONTROLLER CONCEALED BRANCH CIRCUIT 1/2"C - 2#12 & 1#12 GROUND U.O.N.. Ю CONDUIT OTHER THAN 1/2" AND CONDUCTORS OTHER THAN HOSE SINGLE FACE CLOCK, WALL MOUNTED @ 78" A.F.F. 2#12 & 1#12 GROUND SHALL BE PER THE MORE STRINGENT REQUIREMENTS OF THE DRAWINGS OR SPECIFICATIONS. _____ SWITCH LEG. PROVIDE ADDITIONAL BRANCH CIRCUITRY AS REQUIRED TO ACCOMPLISH THE SWITCHING INIDICATED.. SECURITY SYSTEM ____ INDICATES AN EXPOSED CONDUIT RUN. \bigcirc MAGNETIC DOOR CONTACTS ES ELECTRIC DOOR STRIKE SWITCH ∠L1A - 1,3,5 ΕX HOMERUN TO PANEL. NUMBER OF ARROWS INDICATES NUMBER OF REQUEST TO EXIT MOTION DETECTOR POLE CONNECTIONS. EXCLUDING NEUTRALS AND GROUNDS. Κ KEYPAD ACCESS/ CARD READER CAPPED CONDUIT DS DURESS ALARM SWITCH CONDUIT TURNED UP. INTRUSION DETECTOR MI MAGNETIC INTRUSION SWITCH CONDUIT TURNED DOWN. _____ CLOSED CIRCUIT T.V. CAMERA CONDUIT TRANSITION FROM CONCEALED TO EXPOSED CLOSED CIRCUIT T.V. MONITOR ∇_{M} EMPTY CONDUIT RUN. SIZE AS INDICATED. PROVIDE WITH —— EC —— PULLWIRE. CABLE TRAY. SOUND AND PUBLIC ADDRESS SYSTEM SURFACE METAL RACEWAY. S SPEAKER CEILING нS DISTRIBUTION & CONTROLS SPEAKER WALL MOUNTED, 7' A.F.F. S LOCAL INTERCOM SPEAKER \bigcirc JUNCTION BOX WITH COVER PLATE โร _M LOCAL INTERCOM MASTER E EQUIPMENT CONNECTION. (PROVIDE ALL BRANCH CIRCUITRY REQUIRED TO CONNECT TO EQUIPMENT) (M)MICROPHONE VOLUME CONTROL MOUNT 48" A.F.F. 1/2 MOTOR CONNECTION, HP INDICATED. AMP SOUND SYSTEM AMPLIFIER AND PROGRAM EQUIPMENT PANELBOARD (480/277 VOLT). —S— VOLUME CONTROL MOUNT 48" A.F.F. PANELBOARD (208/120 VOLT). TELEPHONE AND DATA CÞ ENCLOSED CIRCUIT BREAKER MOUNT 54" A.F.F. Ъ 4'X8'X3/4" GRADE A/B FIRE TREATED PLYWOOD FUSED DISCONNECT SWITCH. IN NEMA 1 ENCLOSURE U.O.N. 3P = NO. OF POLES, 60 = SWITCH RATING, 40 = FUSE RATING 3P/60/40/3R TELEPHONE TERMINAL BACKBOARD. 3R = NEMA 3R.FLUSH FLOOR TELEPHONE OUTLET. Ъ NON-FUSED DISCONNECT SWITCH. IN NEMA 1 ENCLOSURE U.O.N. 3P = NO. OF POLES, 60 = SWITCH RATING, 3P/60/3R TELEPHONE OUTLET. MOUNT 15" A.F.F. UNLESS U.O.N. 3R = NEMA 3R.BY DWG'S OR SPECIFICATIONS PROVIDE A 4" SQ. BOX W/ SINGLE DEVICE PLASTER RING, 3/4" \boxtimes MAGNETIC MOTOR STARTER. MINIMUM NEMA SIZE 1.

COMBINATION MAGNETIC STARTER AND DISCONNECT. MANUAL MOTOR STARTER WITH THERMAL OVERLOADS.

 \boxtimes

E.C. WITH PULLSTRING STUBBED INTO NEAREST ACCESSIBLE. CEILING. SUBSCRIPT "W" WHEN USED INDICATES WALL MOUNTED DEVICE. MOUNT 48" A.F.F.

SYMBOL LEGEND

			$ \dashv \downarrow$			ABBRE
	● _P	PAY TELEPHONE OUTLET MOUNT 15" A.F.F. UNLESS U.O.N. BY DWG'S OR SPECIFICATIONS PROVIDE A 4" SQ. BOX W/ SINGLE DEVICE PLASTER RING, 3/4" E.C. WITH PULLSTRING STUBBED INTO NEAREST ACCESSIBLE. CEILING.		A	A.F.F. A.F.G. AF A	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMP FRAME AMPERE
	٩	DATA OUTLET MOUNT 15" A.F.F. UNLESS DIRECTED OTHERWISE BY DWG'S OR SPECIFICATIONS PROVIDE A 4" SQ. BOX W/ SINGLE DEVICE PLASTER RING, 3/4" E.C. WITH PULLSTRING STUBBED INTO NEAREST ACCESSIBLE. CEILING.			AHU AT ATS AWG	AIR HANDLING UNIT AMP TRIP AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE
	◀ 2V/2D	COMBINATION VOICE AND DATA OUTLET MOUNT 15" A.F.F. UNLESS OTHERWISE DIRECTED BY DWG'S OR SPECIFICATIONS. PROVIDE A 4" SQ. BOX W/ SINGLE DEVICE PLASTER RING, 1" E.C. WITH PULLSTRING STUBBED INTO NEAREST ACCESSIBLE. CEILING. THE SUBSCRIPT 2V/2D INDICATES THAT THE QUANTITY OF VOICE JACKS IS TWO AND THE QUANTITY OF DATA JACKS IN TWO MINIMUM.		C	C.B. C.C.T.V. C CLK C.T.'S C.U.	CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION CONDUIT CLOCK CURRENT TRANSFORMERS CONDENSING UNIT
		GENERAL		E	ELEC.	ELECTRICAL
	$\langle 1 \rangle$	NOTE REFERENCE NUMBER.			E.D.F. E.W.H.	ELECTRIC DRINKING FOUNTAIN ELECTRIC WATER HEATER
	168	ROOM NUMBER INDICATION			E.C.	EMPTY CONDUIT W/PULLWIRE
ISED		DEMOLITION			EF EXP	EXHAUST FAN EXPLOSION PROOF
		HATCHING INDICATES REMOVAL OF EXISTING EQUIPMENT OR ITEM.		F	FCU FLA	FAN COIL UNIT FULL LOAD AMPS
		REMOVE EXISTING TO THIS POINT.			FLUOR	FLUORESCENT
		POINT OF CONNECTION. NEW TO EXISTING.		G	FACP GEN. SET GFCI GND.	FIRE ALARM CONTROL PANEL GENERATOR SET GROUND FAULT CIRCUIT INTERRUPTER GROUND
				H	HID H.P.S.	HIGH INTENSITY DISCHARGE HIGH PRESSURE SODIUM

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KVA

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THOUSAND VOLT AMPERE

THOUSAND AMP INTERRUPTING

CAPACITY RMS SYMMETRICAL

THOUSAND CIRCULAR MILS

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EVIATIONS				
	M	M.C.B.	MAIN CIRCUIT BREAKER	
		M.L.O.	MAIN LUGS ONLY	
		М.Н.	METAL HALIDE	
		MTD.	MOUNTED	
	L	MV	MERCURY VAPOR	
	N	N.E.C.	NATIONAL ELECTRICAL CODE	
		N.I.C.	NOT IN CONTRACT	
		NL	NIGHT LIGHT	
		N.T.S.	NOT TO SCALE	
	Ĺ	N.E.M.A.	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	
	P	PL	COMPACT FLOURESCENT	
	L	PNLBD.	PANELBOARD	
	R	RECEPT.	RECEPTACLE	
		R.T.U.	ROOF TOP UNIT	
		REQ'D.	REQUIRED	
	S	S.C	SPLIT BRANCH CIRCUIT INDICATES REFERENCED BRANCH CIRCUIT HAS MORE THAN ONE HOME RUN DESIGNATION. MAKE REQUIRED SPLICES IN A SEPARATE SPLICE BOX, OUTSIDE THE PANELBOARD ENCLOSURE.	
	L	SQ.	SQUARE	
	T	T.V. TRT	TELEVISION TRIPLE TUBE COMPACT FLUORESCENT	
	U	UH	UNIT HEATER	
		U.O.N.	UNLESS OTHERWISE NOTED	
ER		UPS	UNINTERRUPTABLE POWER SYSTEM.	
	$\overline{\mathbf{V}}$	VA	VOLTS AMPERE	
		V	VOLT	
	L	VFD	VARIABLE FREQUENCY DRIVE	
	W	WP	WEATHERPROOF	
	X	XFMR	TRANSFORMER	

E-100

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PROJECT NO: FTHC HG 10202019 12/06/2019 DATE:

REV: SHEET NAME: ELECTRICAL SYMBOL LEGEND

SHEET NO:

KITCHEN DEMOLITION PLAN – ELECTRICAL SCALE: 1/4" = 1'-0"

50% CONSTRUCTION DOCUMENTS

E-111

SHEET NO:

SHEET NAME: ELECTRICAL KITCHEN -DEMOLITION FLOOR PLAN

12/06/2019

REV:

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KEYED NOTES

NEW VANITY LIGHT FIXTURES, EQUIVALENT TO OXYGEN #3-590-3524. MOUNT LIGHT FIXTURES ABOVE MIRROR. COORDINATE LOCATION WITH ARCHITECT. FINISH COLOR TO BE SELECTED BY ARCHITECT.

2 NEW LED STRIP LIGHT, EQUIVALENT TO LITHONIA #CLX-L48-5000LM-SEF-FDL-MVOLT-GZ10-35K-80CRI.

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PROJECT NO:

FTHC_HG_10202019 12/06/2019 DATE:

REV:

SHEET NAME: Electrical kitchen -Floor plan

SHEET NO:

KITCHEN ADDITION – POWER SCALE: 1/4" = 1'-0" TRUE E-113

E-113

50% CONSTRUCTION DOCUMENTS

SHEET NO:

SHEET NAME: Electrical kitchen -Floor plan

REV:

FTHC_HG_10202019 12/06/2019 DATE:

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VISITOR CENTER ELECTRICAL SERVICE NO.1 <u>___</u> E-400 RISER DIAGRAM - DEMOLITION SCALE: 1/8" = 1'-0"

ELECTRICAL SERVICE NO.1 RISER DIAGRAM DETAILS 2 & 3 - KEYED NOTES

 $\langle 2 \rangle$ existing electrical service entrance feeder to be removed. EXISTING AUSTIN ENERGY ELECTRICAL SERVICE METER TO BE REMOVED. AUSTIN

- ENERGY METER NO. A2100370. ACCORDING TO AUSTIN ENERGY UTILITY BILLS THE HEIGHTS DEMAND LOAD FOR THIS SERVICE WAS 9.05KW@ 0.97PF (38.9AMPS) RECEIVED FROM OWNER.
- $\langle 4 \rangle$ EXISTING G.E. 200AMP, 22KAIC, 120/240VOLT, 1–PHASE, 3–WIRE NEMA 3R ENCLOSED PANELBOARD TO REMAIN. REFER TO DWG. ES1.01, KEYED NOTE 1 FOR LOCATION. THIS PANEL CURRENTLY HAVE ELEVEN (11) SINGLE POLE SPACES.
- 5 EXISTING 200AMP, 120/240 VOLT, 1-PHASE, 3-WIRE, 22KAIC, NEMA 1 G.E. ENCLOUSURE ELECTRICAL PANELBOARD TO REMAIN. REFER TO DWG E-121 V-P, KEYED NOTE 8 FOR LOCATIONS. THE EXISTING TYPE G.E. TRPE TLM 2020 SERIES PANELBOARD HAS SIX (6), 1-POLE AVAILABLE SPACES.

 $\langle 6 \rangle$ existing austin energy riser pole to be removed.

- EXISTING AUSTIN ENERGY RISER POLE.
- $\langle 8 \rangle$ ENERGY STANDARDS.

10> 30"X30"X12" NEMA 3R CT ENCLOSURE.

- $\langle 11 \rangle$ meter per austin energy standards.

18"X18"X18" PULLBOX INSTALLED FLUSH WITH GRADE ADJACENT TO THE POLE. EXACT LOCATION AND DISTANCE OFF OF THE POLE SHALL BE PER AUSTIN

<17)

 $\langle 12 \rangle$ 3 #3/0 and 1 #3 ground in 2" conduit. 2 sets required.

(13) 2" CONDUIT. 3 #3/0 AND 1 #6 GROUND.

 $\langle 14 \rangle$ 1 1/4" CONDUIT. 3 #2 AND 1 #8 GROUND.

9 3 #3/0 AND 1 #3 GROUND IN 2" CONDUIT. 2 SETS REQUIRED. AUSTIN ENERGY 16 PROVIDE AN APPROVED FAULT CURRENT LABEL ON THE DISCONNECT INDICATING MAXIMUM AVAILABLE FAULT CURRENT OF 22,000 AMPS THE DATE ON THE FAULT CURRENT OF 22,000 AMPS. THE DATE ON THE LABEL SHALL BE MAY 8, 2019.

> 2-2" CONDUITS STUBBED OUT OF THE PULL BOX. COORDINATE REQUIREMENTS WITH AUSTIN ENERGY.

DATE: 12/06/2019 REV: SHEET NAME: **ELECTRICAL ONE-LINE** DIAGRAM SHEET NO:

E-400

PROJECT NO: FTHC_HG_10202019

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SIDE VIEW

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P-111

SHEET NO:

SHEET NAME: Plumbing kitchen -demolition floor plan

DATE: REV:

PROJECT NO: FTHC_HG_10202019 12/06/2019

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UNDERFLOOR KITCHEN ADDITION – PLUMBING SCALE: 1/4" = 1'-0"

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P-112

SHEET NO:

REV: SHEET NAME: Plumbing kitchen -underfloor

PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE:

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NEW STAIRCASE

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P-113

SHEET NO:

REV: SHEET NAME: Plumbing kitchen -Floor plan

PROJECT NO: FTHC_HG_10202019 12/06/2019 DATE:

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SECURITY SYMBOLS & LEGEND

	ACCESS CONTROL SYMBOLS		ACCESS CONTROL SYMBOLS
ACMW	ACCESS CONTROL MONITORING CLIENT WORKSTATION.	REX	REQUEST-TO-EXIT IS INTEGRAL WITH ELECTRIFIED LOCKING HARDWARE.
AD	INTERFACE TO AUTOMATIC DOOR CONTROL AND MONITORING.	\bigotimes	PROVIDE REQUEST-TO-EXIT MOTION SENSOR MOUNTED IN CEILING.
BI	INTERFACE TO RETRACTABLE VEHICLE BOLLARD.	RX	PROVIDE REQUEST-TO-EXIT MOTION SENSOR MOUNTED TO DOOR HEADER.
BR	PROVIDE BIOMETRIC READER MOUNTED 42" A.F.F.	SD	INTERFACE TO SLIDING DOOR CONTROL/MONITORING.
СН	PROVIDE DOOR BELL ANNUNCIATOR MOUNTED 96" A.F.F.	SR	SECURITY SYSTEM RISER, DATA GATHERING PANEL AND LOW VOLTAGE POWER SUPPLY DISTRIBUTION LOCATION.
CR	PROVIDE CARD READER MOUNTED 42" A.F.F.	VI	PROVIDE VIDEO INTERCOM SUBSTATION MOUNTED 54" A.F.F.
CR1	PROVIDE CARD READER MOUNTED TO MULLION 42" A.F.F.	VM	PROVIDE DESKTOP VIDEO INTERCOM MASTER STATION.
CR2	FURNISH ELEVATOR CARD READER MOUNTED IN ELEVATOR.	WD	PROVIDE WIRELESS DURESS BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE, OR COUNTER.
CR3	PROVIDE CARD READER/INTERCOM UNIT MOUNTED 42" A.F.F.	WR	PROVIDE WIRELESS DURESS BUTTON RECEIVER ABOVE SUSPENDED CEILING.
CR4	PROVIDE CARD READER/INTERCOM PEDESTRIAN PEDESTAL.		PROVIDE PRE-WIRE AND BLANK COVER PLATE FOR FUTURE DEVICE.
D	PROVIDE DURESS BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER PROVIDE ARMORED CABLE FROM DURESS BUTTON TO JUNCTION BOX.		
D	PROVIDE WALL MOUNTED DURESS BUTTON 48" A.F.F.		
0B	PROVIDE DOOR BELL MOUNTED 48" A.F.F		
DC	PROVIDE CONCEALED DOOR POSITION SWITCH FLUSH MOUNTED IN HEAD OF DOOR FRAME 6" FROM STRIKE SIDE OF FRAME.		
DC1	PROVIDE OVERHEAD DOOR POSITION SWITCH. PROVIDE ARMORED CABLE FROM SWITCH TO JUNCTION BOX.		
DMA	PROVIDE DOOR MANAGEMENT UNIT MOUNTED 48" A.F.F.		
DR	PROVIDE SINGLE DOOR RELEASE PUSHBUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX.		
DR1			
	TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX.		INTRUSION DETECTION SYMBOLS
EI	INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER.	AL	PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F.
E	INTERFACE TO ELEVATOR CONTROL/MONITORING.	AL AP	INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS.
EL	INTERFACE TO ELEVATOR CONTROL/MONITORING.	AL AP AV	INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F.
EL ES FA	INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM.	AL AP AV EC	INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED.
EI EL FA GC	INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING.
EI EI ES FA GC	PROVIDE MOLTIPLE DOOR RELEASE ONLY, AS INDICATED IN DETAILS, MOUNTED IN NEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F.	AL AP AV GB GB	INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F.
EI EL ES FA GC IC	PROVIDE NUCLIFICE DOOR RELEASE ON IT, AS INDICATED IN DETAILS, MODINTED IN NIVES SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS.	AL A₽ AV € GB GB KP	INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F.
EL EL FA GC IC KS	INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING.
EL EL FA GC IC IC KS L1	PROVIDE INTERCOM MASTER STATION AS INDICATED IN DEFAILS, MODIFIED IN KNEE SPACE OF DESK, TABLE OR COUNTER, PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING.
EI EI ES FA GC IC IM KS L1 L2	PROVIDE NOTITER PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED 96" A.F.F.
EL ES FA GC IC IM KS L1 L2 (D)	PROVIDE INTER-PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION ROLE SPACE OF DESN, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48° A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48° A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON ROUTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON DUTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON DUTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON DUTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON DUTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMON DUTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMONCED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED TO CEILING. PROVIDE IONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F.
E E E F A G C C M K S L 1 L 1 L 2 L D	PROVIDE INCLIPTE DUOCK RELEASE ONT, AS INDICATED IN DE IALS, INCOMED IN INCE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO PARKING GATE CONTROL/MONITORING. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48° A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48° A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS ANDIOR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING. PROVIDE LIGHT SURFACE MOUNTED TO CEILING.
E E E E F A GC C C E S C C C C C C C C C C C C C C C	PROVIDE INCLINER PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED 18 NEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK.		PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE ALARM ANNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS AND/OR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT SURFACE MOUNTED TO CEILING. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F.
E E E E F A C C C C C C C C C C C C C	PROVIDE INCLINE PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO FIRE ALARM SYSTEM. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48° A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48° A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED AS A.F.F. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK WITH INTEGRAL DOOR POSITION SWITCH.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED 50" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 50" A.F.F. PROVIDE STROBE LIGHT SURFACE MOUNTED TO CEILING. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F.
E	PROVIDE INCLINER, PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO 24VDC FAIL SECURE ELECTRIC STRIKE. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK INTERFACE TO 24VDC ELECTROMAGNETIC LOCK INTERFACE TO 24VDC ELECTROMAGNETIC LOCK INTERFACE TO 24VDC ELECTROMAGNETIC LOCK WITH INTEGRAL DOOR POSITION SWITCH. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK WITH INTEGRAL DOOR POSITION SWITCH.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE AUNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS ANDIOR DETAILS. PROVIDE AUNUNCIATOR PANEL AS INDICATED IN BLOCK DIAGRAMS ANDIOR DETAILS. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE PERSONAL IDENTIFICATION NUMBER KEYPAD MOUNTED 48" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 380" MOTION SENSOR MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED TO CEILING. PROVIDE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT SURFACE MOUNTED TO CEILING. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F.
	TABLE OR COUNTER PROVIDE ARMORED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO ELEVATOR CONTROL/MONITORING. INTERFACE TO PARKING GATE CONTROL/MONITORING. INTERFACE TO PARKING GATE CONTROL/MONITORING. INTERFACE TO PARKING GATE CONTROL/MONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK, TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED AS A.F.F. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE SOUND DETECTION MURDEPHONE MOUNTED TO CEILING. PROVIDE 380" MOTION SENSOR MOUNTED TO CEILING. PROVIDE 380" MOTION SENSOR MOUNTED TO CEILING. PROVIDE STROBE LIGHT SURFACE MOUNTED TO CEILING. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F.
E. E. E. E. E. E. E. E. E. E.	TRUE DR COUNTER PROVIDE ARRIGRED CABLE FROM PUSHBUTTON TO JUNCTION BOX. INTERFACE TO EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AND POWER TRANSFER. INTERFACE TO ELEVATOR CONTROLMONITORING. INTERFACE TO PARKING GATE CONTROLMONITORING. INTERFACE TO PARKING GATE CONTROLMONITORING. PROVIDE INTERCOM SUBSTATION MOUNTED 48" A.F.F. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE INTERCOM MASTER STATION AS INDICATED BLOCK DIAGRAM AND/OR DETAILS. PROVIDE KEYSWITCH MOUNTED 48" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET AND POWER TRANSFER HINGE. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. PROVIDE LOCKDOWN BUTTON MOUNTED IN KNEE SPACE OF DESK. TABLE OR COUNTER. PROVIDE ARMORED CABLE FROM LOCKDOWN BUTTON TO JUNCTION BOX. PROVIDE LOCKDOWN BUTTON MOUNTED A8" A.F.F. INTERFACE TO 24VDC ELECTROMECHANICAL MORTISE LOCKSET WITH INTEGRAL DOOR POSITION SWITCH. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK. INTERFACE TO 24VDC ELECTROMAGNETIC LOCK WITH INTEGRAL DOOR POSITION SWITCH. INTERFACE TO 24VDC MAGNETIC DOOR HOLD-OPEN. INTERFACE TO 0VERHEAD DOOR CONTROLMONITORING.		INTRUSION DETECTION SYMBOLS PROVIDE ALARM ANNUNCIATOR LIGHT MOUNTED 96" A.F.F. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. PROVIDE AUDIO VISUAL ANNUNCIATOR MOUNTED 96" A.F.F. FUTURE CABLE AS SPECIFIED. PROVIDE GLASS BREAK SENSOR MOUNTED TO CEILING. PROVIDE GLASS BREAK SENSOR WALL MOUNTED 96" A.F.F. PROVIDE SUND DETECTION MICROPHONE MOUNTED 49" A.F.F. PROVIDE SOUND DETECTION MICROPHONE MOUNTED TO CEILING. PROVIDE 360" MOTION SENSOR MOUNTED 50" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE LONG RANGE MOTION SENSOR MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT SURFACE MOUNTED TO CEILING. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE STROBE LIGHT MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F. PROVIDE VIBRATION DETECTOR MOUNTED 96" A.F.F.

	ELECTRONIC SURVEILLANCE SYMBOLS
□¤	WALL-MOUNTED FIXED SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
	CEILING-MOUNTED FIXED SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
Ē	WALL-MOUNTED 180° SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
	CEILING-MOUNTED 180° SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
Ţ.	WALL-MOUNTED 360° SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
	CEILING-MOUNTED 360° SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
□∳	WALL-MOUNTED PAN, TILT & ZOOM SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
CLG	CEILING-MOUNTED PAN, TILT & ZOOM SURVEILLANCE CAMERA, CAMERA MODEL AND MOUNTING HEIGHT AS SPECIFIED.
VMW	VIDEO MONITORING CLIENT WORKSTATION.

GENERAL	SYMBOLS
# DRAWING TITLE SHEET SCALE: SCALE	DRAWING TITLE CALLOUT, # = DETAIL NUMBER.
# SHEET	DETAIL CALLOUT, # = DETAIL NUMBER.
# SHEET	SECTION CALLOUT, # = DETAIL NUMBER.
SHEET #	ELEVATION CALLOUT, # = DETAIL NUMBER.
#	KEYED NOTE.
	REVISION TRIANGLE, # = REVISION NUMBER (PER SHEET).
TR (IDF XXX)	INDICATES TELECOMMUNICATIONS REGION

В	ALERTUS BEACON MOUNTED AT 60" A.F.F. UNLESS OTHERWISE NOTED
EAS	PROVIDE MEDICAL ALERT DEVICE MOUNTED 42" A.F.F.
EP	PROVIDE EMERGENCY PHONE.
GT	PROVIDE GUARD TOUR STATION MOUNTED 48" A.F.F.
LS	PROVIDE FLOOR MOUNTED LIQUID SENSOR. PROVIDE ARMORED CABLE FROM SENSOR TO JUNCTION BOX.
\$	PROVIDE INTERCOM SPEAKER FLUSH MOUNTED IN CEILING.
•	ALERTUS LED MARQUEE (SINGLE SIDED)
▲	ALERTUS LED MARQUEE (DOUBLE SIDED)

MISCELLANEOUS SECURITY SYMBOLS

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
AER	AERIAL
В	BURIED
CAT.3/5	CATEGORY 3/5
CATV	COMMUNITY ANTENNA TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLT	CLOSET
CO	CENTRAL OFFICE
DEMARC	DEMARCATION POINT
DPDT	DOUBLE PULL DOUBLE THROW
EMT	ELECTRIC METALLIC TUBE
F.O.C.	FIBER OPTIC CABLE
GIP	GALVANIZED IRON PIPE
HE	PA/INTERCOM HEAD-END
IRC	INTERMEDIATE RIGID CONDUIT
ISP	INSIDE CABLE PLANT
IDF	INTERMEDIATE DISTRIBUTION FRAME
MDF	MAIN DISTRIBUTION FRAME
MH	MANHOLE
MM	MULTIMODE
OSP	OUTSIDE CABLE PLANT
PB	PULLBOX
PR	PAIR
PBX	PRIVATE BRANCH EXCHANGE
PVC	POLYVINYL CHLORIDE
SM	SINGLE MODE
SP	SERVICE PROVIDER
STP	SHIELDED TWISTED PAIR
ТВ	TERMINAL BLOCK
UTP	UNSHIELDED TWISTED PAIR

NOTES

- 1. CONTRACTOR SHALL REVIEW DRAWINGS AND SPECIFICATIONS THAT MAKE UP THE CONTRACT DOCUMENTS AND COMPLETE ALL WORK INCLUDED THEREIN.
- SCALE OF SECURITY DRAWINGS IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER CABLE LENGTHS, SIZE OF PATHWAYS, DIMENSIONS, ETC.
 SECURITY DRAWINGS SHALL BE USED TO COMPLEMENT THE WRITTEN.
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INDEX OF DRAWINGS

T-001K T-122K T-511K	SYMBOLS AND LEGEND KITCHEN BUILDING SECURITY DETAILS

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COMBS	10 yearsconsulting Group10 yearstechnology & securitySAN ANTONIOAUSTINSAN ANTONIOAUSTIN8200 IH-10 West, Ste. 1034425 S. Mopac, Bldg. 4, Ste. 800San Antonio, Texas 78230Austin, Texas 78735Phone : 210-698-7887
Hutson Gallagher	1206 Quail Park Drive Austin, Texas 78758 Phone: (512) 960-0013 www.HutsonGallagher.com
FRENCH LEGATION STATE HISTORIC SITE	PRESERVATION & REHABILIATION 802 San Marcos Street • Austin, Texas
THC CONTRACT NO: 808-18-0652 DATE: 11/21/2018 REV: SHEET NAME: SYMBOLS AND LEGEND SHEET NO:	

T-001

STONE WALL ------

KITCHEN FLOOR PLAN - SECURITY T-122K SCALE: 1/4" = 1'-0"

GENERAL NOTES

- 1. CONTRACTOR SHALL REVIEW DRAWINGS AND SPECIFICATIONS THAT MAKE UP THE CONTRACT DOCUMENTS AND COMPLETE ALL WORK INCLUDED THEREIN.
- 2. SCALE OF SECURITY DRAWINGS IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER CABLE LENGTHS, SIZE OF PATHWAYS, DIMENSIONS, ETC.
- 3. SECURITY DRAWINGS SHALL BE USED TO COMPLEMENT THE WRITTEN SPECIFICATIONS.
- 4. ANY DISCREPANCY OR CONFLICT WITHIN OR BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. DISCREPANCIES OR CONFLICTS NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER AND SUBSEQUENTLY CLARIFIED DURING THE BIDDING OF THE PROJECT WILL BE DEEMED TO HAVE BEEN BID OR PROPOSED IN THE MORE COSTLY OR DIFFICULT MANNER, AND THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED BY THE CONTRACTOR IN ACCORDANCE WITH THE ARCHITECT'S/ENGINEER'S INTERPRETATION.
- 5. CONTRACTOR SHALL RESTORE ALL PENETRATIONS PROVIDED THROUGH FIRE RATED WALLS/STRUCTURES FOR SECURITY CABLING BACK TO THE ORIGINAL RATING.
- 6. CONTRACTOR SHALL RESTORE ALL PENETRATIONS PROVIDED THROUGH NON-RATED WALLS/STRUCTURES FOR SECURITY CABLING FOR SOUND TO REDUCE NOISE TRAVELING THROUGH PENETRATIONS.
- 7. ROUTE SHOWN ON DRAWINGS ARE DIAGRAMMATIC ONLY. CONDUIT PATHWAYS SHALL TAKE THE SHORTEST ROUTE TOWARDS THE TERMINATION ROOM LOCATED ON EACH FLOOR TO MINIMIZE THE CABLE LENGTH.
- 8. CONDUIT SEGMENTS SHALL BE NO MORE THAN 100-FEET IN LENGTH WITH NO MORE THAN THE EQUIVALENT OF (2) 90 DEGREE BENDS BETWEEN PULLING POINTS.
- 9. CONDUITS SHALL MAINTAIN A BEND RADIUS OF 6 TIMES THE DIAMETER OF THE CONDUIT FOR CONDUITS 2-INCHES OR SMALLER AND 10 TIMES THE DIAMETER OF THE CONDUIT FOR CONDUITS GREATER THAN 2-INCHES.
- 10. ALL SECURITY DEVICE CABLING SHALL BE ROUTED/CONCEALED WITHIN WALLS WHERE POSSIBLE. IN LOCATIONS WHERE CABLING CAN'T BE CONCEALED WITHIN WALLS, SURFACE MOUNTED EMT CONDUIT PAINTED TO MATCH EXISTING WALL FINISH SHALL BE USED. VERIFY LOCATIONS REQUIRING EMT WITH ARCHITECT PRIOR TO INSTALLATION.
- 11. ALL CONDUITS SHALL HAVE A PULL STRING INSTALLED FOR PULLING OF CABLE.
- 12. ALL SPARE CONDUITS OR CONDUITS FILLED WITH LESS THAN THE MAXIMUM ALLOWED FILL RATIO SHALL HAVE A PULL STRING INSTALLED AND LEFT FOR FUTURE PULLING OF CABLE. CLEARLY LABEL AS "PULL STRING" INDICATING OPPOSITE END LOCATION.

KEYED NOTES

1 4-INCH FINGERDUCT RACEWAY WITH COVER. (BY DIV. 28)

(2) INTRUSION DETECTION CONTROL PANEL. (BY DIV. 28)

3 120VAC CIRCUIT, DEDICATED 20AMP. (BY DIV. 26)

4 TELEPHONE/NETWORK OUTLET. (BY DIV. 27)

5 8-FEET H X 4-FEET W X 1/2-INCH FIRE RATED PLYWOOD BACKBOARD. (BY DIV. 28) 6 ALL NEW INTRUSION DETECTION CABLING SHALL ORIGINATE FROM THIS ROOM.

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11/21/2018 DATE: REV:

SHEET NAME: FLOOR PLANS -TECHNOLOGY SHEET NO:

T-122K

- KEYED NOTES: 1 SCHEDULED PARTITION.
- 2 HEAD OF DOOR FRAME. PROVIDE TAB AT DOOR FRAME TO SECURE CONDUIT DIRECTLY ABOVE DOOR POSITION SWITCH.
- 3 SCHEDULED DOOR. 3 15/16" DIAMETER HOLE IN THE HEAD OF FRAME FOR CONCEALED 4 DOOR CONTACT.
- 5 15/16" DIAMETER X 1 5/8" DEEP HOLE IN TOP OF DOOR FOR CONCEALED DOOR CONTACT MAGNET.
- 6 1/2" CONDUIT FROM 6" X 6" X 4" JUNCTION BOX ABOVE DOOR (BY DIV 26).
- DOOR CONTACT (REFERENCE SPECIFICATION).

- KEYED NOTES:
- (1) CEILING DECK AS SCHEDULED. 2 CEILING AS SCHEDULED.
- 3 CEILING MOUNTED MOTION DETECTOR (REFERENCE DIV 28 SPECIFICATIONS FOR EXACT MODEL).
- 4 20 FOOT SERVICE LOOP ABOVE ACCESSIBLE CEILING NEATLY COILED AND SECURED TO J-HOOK (BY DIV 28). 5 J-HOOK ABOVE ACCESSIBLE CEILING (BY DIV 28).
- 6 SECURITY CABLE ABOVE ACCESSIBLE CEILING (BY DIV 28).

TYPICAL INTERIOR CEILING MOUNTED MOTION DETECTOR T-511K SCALE: N.T.S.

SINGLE GANG PLASTER RING (BY DIV 26). 3 SCHEDULED MOTION DETECTOR (BY DIV. 28).

KEYED NOTES: (1) 4 1/16-INCH x 4 1/16-INCH x 2 1/8-INCH RECESSED DOUBLE GANG BOX (BY DIV 26).

C

6 1/2" CONDUIT FROM 6" X 6" X 4" JUNCTION BOX ABOVE DOOR (BY DIV 26). ODOR CONTACT (REFERENCE SPECIFICATION).

5 15/16" DIAMETER X 1 5/8" DEEP HOLE IN TOP OF DOOR FOR CONCEALED DOOR CONTACT MAGNET.

4 15/16" DIAMETER HOLE IN THE HEAD OF FRAME FOR CONCEALED DOOR CONTACT.

3 SCHEDULED DOOR.

(2) HEAD OF DOOR FRAME. PROVIDE TAB AT DOOR FRAME TO SECURE CONDUIT DIRECTLY ABOVE DOOR POSITION SWITCH.

KEYED NOTES: (1) SCHEDULED PARTITION.

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THC CONTRACT NO: 808-18-0652

11/21/2018 DATE: REV:

SHEET NAME: SECURITY SYSTEM DETAILS SHEET NO:

T-511K