



BROWN REYNOLDS WATFORD ARCH
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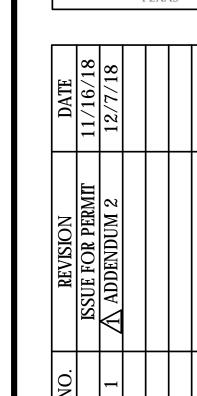
HY OF GEROGETOWN

HEORGETOWN FIRE STATION No. 6

700 R.M. 2338

HORGETOWN, TX, 78626







# CITY OF GEORGETOWN FIRE STATION No. 6

6700 R.M. 2338 GEORGETOWN, TX, 78633 **BRW PROJECT NO.: 217079.00** 11/16/2018



**OWNER** CITY OF GEORGETOWN

> 3500 D B WOOD RD. GEORGETOWN, TX 78628

(512) 930-3621

BROWN REYNOLDS WATFORD ARCHITECTS, INC. **CENTURY SQUARE BUILDING B** 

175 CENTURY SQUARE DRIVE **ARCHITECT** 

ARCHITECT /

LANDSCAPE

**ENGINEER** 

**SUITE 350** 

COLLEGE STATION, TX 77840

(979) 694-1791

STRAND ASSOCIATES, INC. **CIVIL ENGINEER** 

> 203 S JACKSON ST. **BRENHAM, TX 77833** (979) 836-7937

GESSNER ENGINEERING STRUCTURAL **ENGINEER** 

2501 ASHFORD DR. **COLLEGE STATION, TX 77840** 

(979) 680-8840

DAWSON VAN ORDEN, INC. MECHANICAL /

1250 WOOD BRANCH PARK DRIVE **ELECTRICAL** /

**SUITE 210 PLUMBING** 

HOUSTON, TX 77079 (281) 293-7500

BRANDON L. COUCH, R.S. **PROFESSIONAL SANITARIAN** 

2314 ROCK LEDGE DR. GEORGETOWN, TX 78626 (512) 630-8600

#### SYMBOL LEGEND

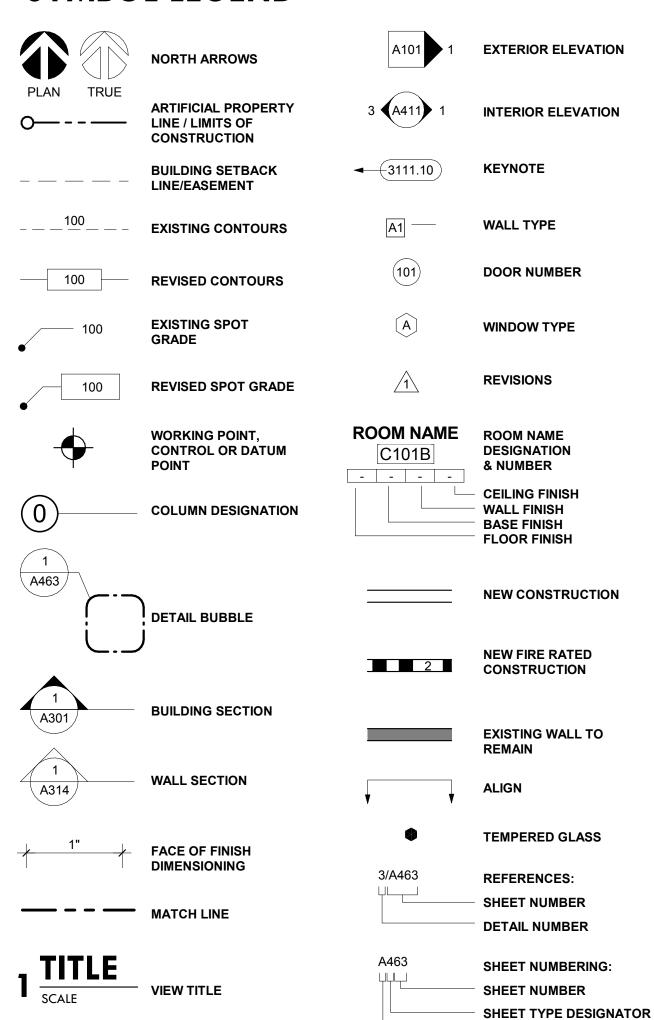
B.O. BOTTOM OF

MIN.

MNTD. MOUNTED

CLEAR

CONTROL JOINT



#### 2015 INTERNATIONAL BUILDING CODE STORM SHELTER: 2014 ICC 500 2015 INTERNATIONAL MECHANICAL CODE

**CODE INFORMATION** 

2015 INTERNATIONAL PLUMBING CODE PLUMBING: **ELECTRICAL:** 2017 NATIONAL ELECTRIC CODE 2015 INTERNATIONAL FIRE CODE LIFE SAFETY: 2015 INTERNATIONAL BUILDING CODE **ACCESSIBILITY** TEXAS ARCHITECTURAL BARRIER STANDARDS 2015 INTERNATIONAL ENERGY CONSERVATION CODE ENERGY: OCCUPANCY CLASSIFICATION: B, S-1 SPRINKLERED: NFPA 13 - FULLY SPRINKLERED CONSTRUCTION TYPE: TYPE V-B NUMBER OF STORIES (ABOVE GRADE PLANE): 2 ALLOWED NUMBER OF STORIES (ABOVE GRADE PLANE): 3 BUILDING AREA (FIRST STORY): 9,466 SF BUILDING AREA (SECOND STORY): 1,659 SF TOTAL BUILDING AREA: 11,125 SF ALLOWED BUILDING AREA (PER STORY): 18,000 SF BUILDING HIGH POINT: 37'-4" ALLOWED BUILDING HEIGHT: 60' - 0" TOTAL LOT AREA: 93,218 SF IMPERVIOUS SITE COVERAGE: 48,701 SF SUBDIVISION: FIRE STATION NO. 6 REPLAT LEGAL DESCRIPTION: 2.14 ACRES FREDERICK FOY SURVEY ABSTRACT 229 MINIMUM FIRE FLOW RATE PER 2012 IFC, APPENDIX B:  $2,750 - (2,750 \times 0.75) = 688 \text{ GPM}, \text{ MIN. 1,500 GPM REQUIRED, 2 HOUR DURATION}$ OCCUPANT LOAD/EGRESS: **REFER TO SHEET LS1.1 - LIFE SAFEY PLAN** NOTE: AREA TABULATION IS FOR CITY USE ONLY. CONTRACTOR SHALL COMPLETE HIS/HER OWN TAKE-OFFS AND CALCULATIONS.

#### **TYPICAL INSULATION VALUES**

TYPICAL ROOF INSULATION: TYPICAL WINDOW GLAZING: U-FACTOR (FIXED): U-FACTOR (OPERABLE): 0.50 VISIBILE TRANSMITTANCE:

#### **UTILITY PROVIDERS**

PEDERNALES ELECTRIC COOPERATIVE, INC. ENGINEERING/PLANNING: 877.372.0391 WATER: CITY OF GEORGETOWN SANITARY SEWER: SEPTIC (ON-SITE RE: CIVIL DRAWINGS, SPECIFICATIONS) LIQUID PETROLEUM (ON-SITE RE: SITE PLAN) CABLE: SUDDENLINK: 512.931.2964

#### ARCHITECTURAL ABBREVIATIONS A.F.F. ABOVE FINISH FLOOR

O.C.(E.W.) ON CENTER (EACH WAY)

NOT IN CONTRACT

OPPOSITE HAND

**WORKING POINT** 

N DOWN RE: REFERENCE	ACCESS C
	CCTV
J. EXPANSION JOINT REQ./REQD REQUIRED	OO 1 V.
Q. EQUAL R.O. ROUGH OPENING	
F. FINISH FLOOR SIM. SIMILAR	DATA/CAB
V. FIELD VERIFY T.O. TOP OF	
A. GAUGE TYP. TYPICAL	
O. MASONRY OPENING W/ WITH	ALERTING
AX. MAXIMUM W.B. WIND BRACE	

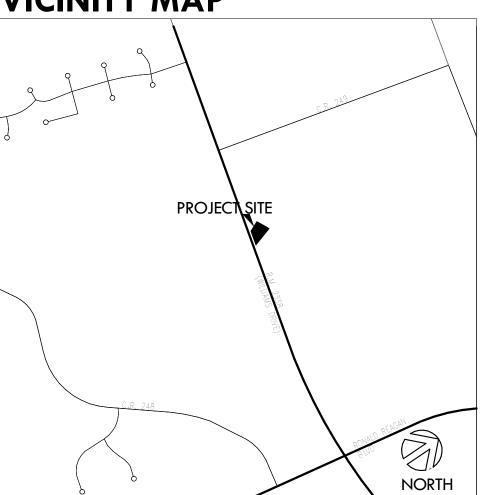
**DISCIPLINE DESIGNATOR** 

#### **TELEPHONE:** VERIZON: DANNY FORTENE 512.869.2217

OWNER PROVIDED CONTRACTS

CONVERGINT TECHNOLOGIES: 512.351.4042 ABLING & A/V: ERIC JOHNSON, CITY OF GEORGETOWN ERIC.JOHNSON@GEORGETOWN.ORG NG SYSTEM: US DIGITAL DESIGNS: JAMES AMOS 602.687.1730

#### **VICINITY MAP**



#### **BID ALTERNATES**

REFERENCE SPECIFICATION SECTION 01 23 00 - ALTERNATES:
DEDUCT ALTERNATE 1: PROVIDE A COMPOSITION SHINGLE ROOF IN LIEU OF STANDING SEAM METAL ROOF SYSTEM. **DEDUCT ALTERNATE 2:** PROVIDE HORIZONTAL CEDAR SCREEN WALLS IN LIEU OF CONCRETE UNIT MASONRY AND STONE VENEER SCREEN WALLS. RE: AS1.1 AND AS1.2 FOR SCREEN WALL LOCATIONS AND DIMENSIONS. RE: SPECIFICATION SECTION 32 31 29 **DEDUCT ALTERNATE 3:** PROVIDE CONVENTIONAL A/C SPLIT SYSTEM IN LIEU OF VARIABLE-REFRIGERANT-FLOW CASSETTE CEILING UNITS IN SLEEPING ROOMS. RE: MECHANICAL AND ELECTRICAL DRAWINGS AND **DEDUCT ALTERNATE 4:** DELETE ONE (1) PULL-THROUGH APPARATUS BAY. ADD ALTERNATE 5: PROVIDE DIRECT CAPTURE EXHAUST SYSTEM IN APPARATUS BAYS. RE: MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS. ADD ALTERNATE 6: PROVIDE OPEN-CELL SPRAY POLYURETHANE FOAM INSULATION IN LIEU OF BATT INSULATION, PROVIDE SOLID BLOCKING IN LIEU OF VENTED BLOCKING BETWEEN ROOF TRUSSES (RE: STRUCTURAL DRAWINGS). SPRAY FOAM INSULATION SHALL BE INSTALLED AT A REQUIRED THICKNESS TO ACHIEVE SPECIFIED R-VALUE. RE: SPECIFICATION SECTION 07 21 29. SEE ADDITIONAL NOTES ON ROOF ADD ALTERNATE 7: PROVIDE ADDITIONAL IRRIGATION COVERAGE AS INDICATED ON 1/L1.2. ADD ALTERNATE 8: PROVIDE SLIDING CANTILEVERED VEHICLE GATES, OPERATORS, POST MOUNTED STANCHION WITH BACK BOX HOUSING, SENSOR LOOPS, AND SAFETY DEVICES FOR FULLY FUNCTIONAL SYSTEM. PROVIDE NECESSARY CONDUIT AND PULL-STRING AS PART OF THE BASE-BID. RE: SITE PLANS AND DETAILS, AND SPECIFICATION SECTION 32 31 19.

#### NIDEN OF DD VANINGE

FOUNDATION DETAILS

FOUNDATION DETAILS

CMU DETAILS

FRAMING DETAILS

FRAMING DETAILS

FRAMING DETAILS

LATERAL DETAILS

S5.3

S5.4

S5.5

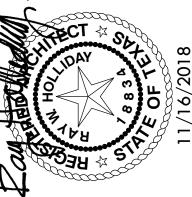
S5.6

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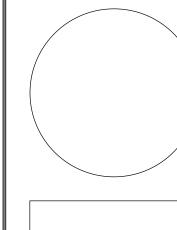
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E1.5 E1.6	ALERTING SYSTEM FLOOR PLANS
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E3.1	ELECTRICAL SCHEDULES & DETAILS ELECTRICAL SCHEDULES & DETAILS
LJ. I	LLLOTRICAL SCHEDULES & DETAILS

CITY PROJECT NO.: SWP-2018-009

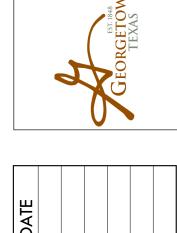


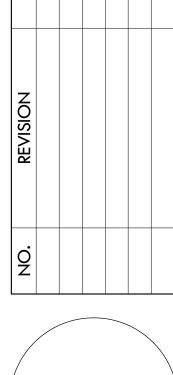






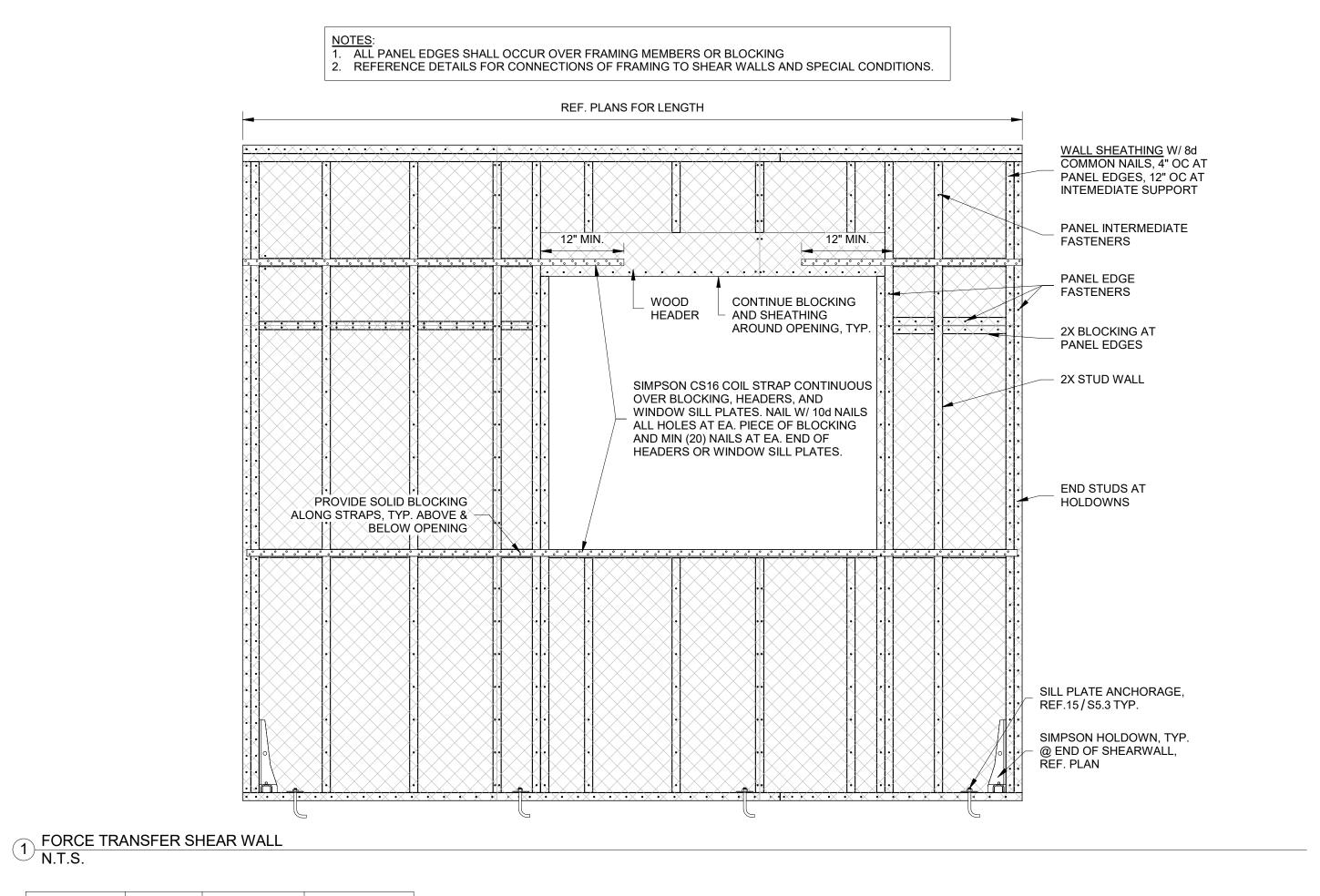
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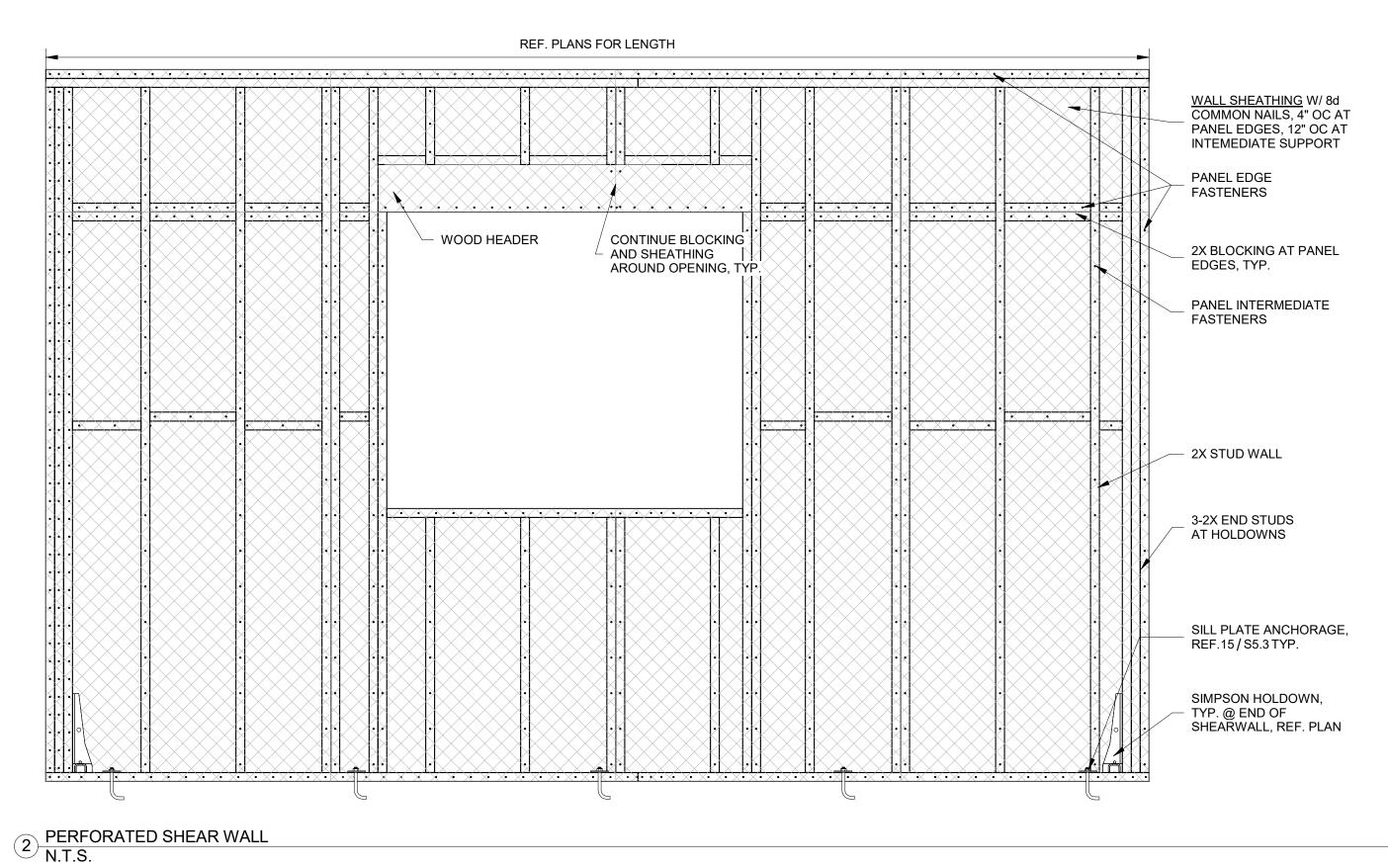


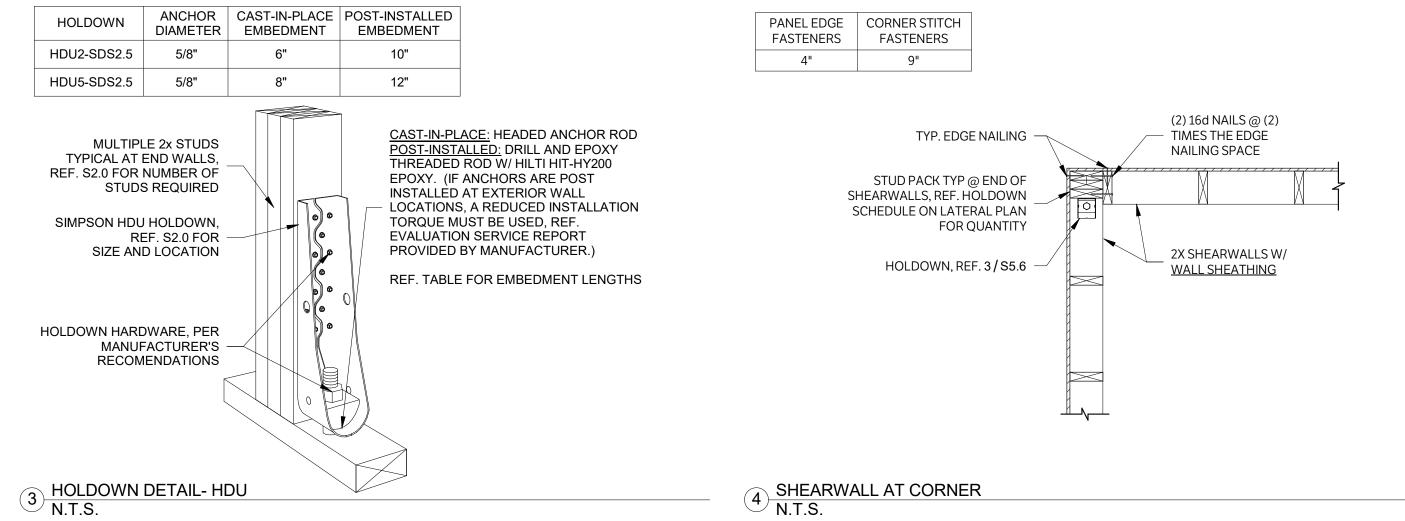


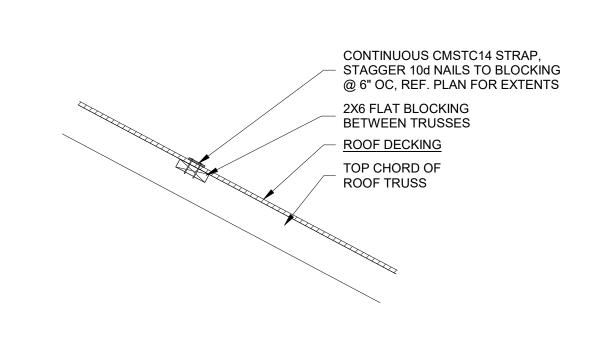


DRAWING INDEX









5 STRAPPING LINE AT ROOF N.T.S.

COR 2501 2501 COLLEGE 9 1-877-G www.ges FIRM REGI

> 11.16.18 11.16.18 EH

DATE DRAWN BY

ORGETOWN FIRE STATION No. 6

GEORGETOWN GTOOR!

DESCRIPTION DATE

**S5.6** 

LATERAL DETAILS



# CITY OF GEORGETOWN FIRE STATION No. 7

2711 EAST UNIVERSITY AVENUE GEORGETOWN, TX 78626

BRW PROJECT NO.: 218044.00 11/16/2018



OWNER CITY OF GEORGETOWN

3500 D B WOOD RD. GEORGETOWN, TX 78628

(512) 930-3621

ARCHITECT / LANDSCAPE ARCHITECT BROWN REYNOLDS WATFORD ARCHITECTS, INC.

CENTURY SQUARE BUILDING B 175 CENTURY SQUARE DRIVE

SUITE 350

COLLEGE STATION, TX 77840

(979) 694-1791

MECHANICAL / ELECTRICAL /

DAWSON VAN ORDEN, INC.

1250 WOOD BRANCH PARK DRIVE, SUITE 210 HOUSTON, TEXAS 77079

PLUMBING HOUSTON, TEXA

ENGINEER

STRUCTURAL ENGINEER

GESSNER ENGINEERING

2501 ASHFORD DR.
COLLEGE STATION, TX 7840

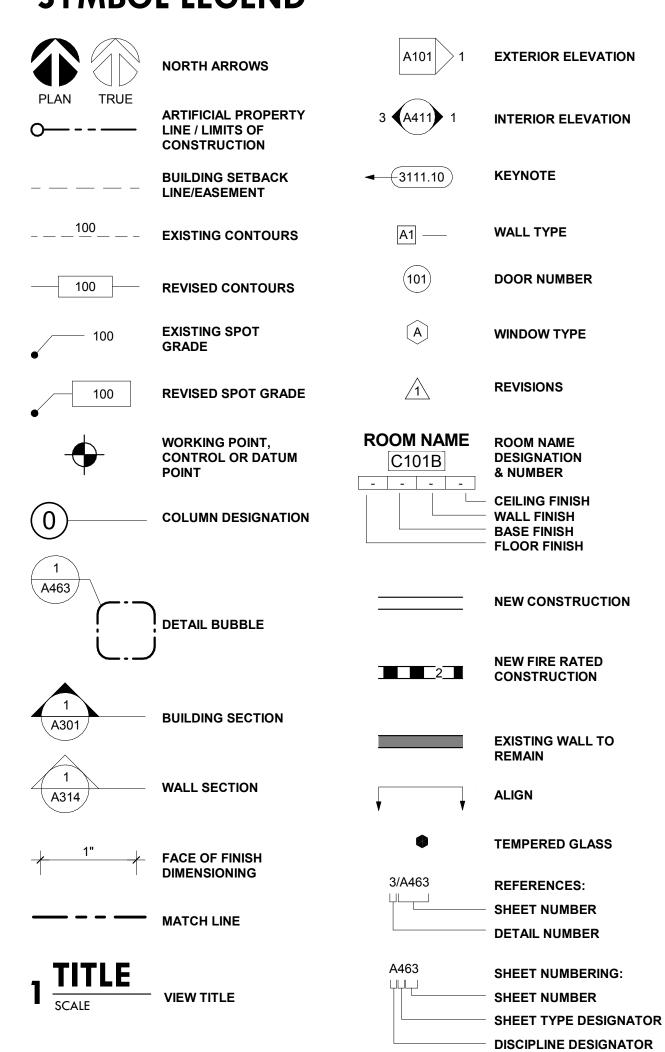
(979) 680-8840

**CIVIL ENGINEER** 

STRAND ASSOCIATES, INC.

203 S JACKSON ST. BRENHAM, TX 77833 (979) 836-7937

#### SYMBOL LEGEND



ARCHITECTURAL ABBREVIATIONS

O.C.(E.W.)

MOUNTED

NOT IN CONTRACT

OPPOSITE HAND

**ROUGH OPENING** 

REFERENCE

SIMILAR

TOP OF

WITH

**TYPICAL** 

WIND BRACE

**WORKING POINT** 

REQ./REQD REQUIRED

ON CENTER (EACH WAY)

**NOMINAL** 

A.F.F. ABOVE FINISH FLOOR

CONTROL JOINT

**EXPANSION JOINT** 

FINISH FLOOR

M.O. MASONRY OPENING

B.O. BOTTOM OF

DIA. DIAMETER

F.V. FIELD VERIFY

MAX. MAXIMUM

MIN. MINIMUM

GAUGE

CLR CLEAR

#### **CODE INFORMATION**

BUILDING:	2015 INTERNATIONAL BUILDING CODE
MECHANICAL:	2015 INTERNATIONAL MECHANICAL CODE
PLUMBING:	2015 INTERNATIONAL PLUMBING CODE
ELECTRICAL:	2017 NATIONAL ELECTRIC CODE
FIRE:	2015 INTERNATIONAL FIRE CODE
LIFE SAFETY:	2015 INTERNATIONAL BUILDING CODE
ACCESSIBILITY:	TEXAS ARCHITECTURAL BARRIER STANDARDS
ENERGY:	2015 INTERNATIONAL ENERGY CONSERVATION CODE

NUMBER OF FLOORS: 2
ALLOWED NUMBER OF FLOORS: 3
CONSTRUCTION TYPE: TYPE V-B
OCCUPANCY CLASSIFICATION: B, S-1
SPRINKLERED NFPA 13 - FULLY SPRINKLERED

SITE COVERAGE: N/A
1.806 ACRES (RE: CIVIL)

BUILDING AREA (FIRST STORY): 11,107 SF BUILDING AREA (SECOND STORY): 2,466 SF TOTAL BUILDING AREA: 13,573 SF ALLOWED BUILDING AREA (PER STORY): 18,000 SF

BUILDING HEIGHT: **34' - 11"** ALLOWED BUILDING HEIGHT: **60' - 0"** 

MINIMUM FIRE FLOW RATE PER 2012 IFC, APPENDIX B: 3,250 - (3,250 x 0.75) = 813 GPM, **MIN. 1,500 GPM, 3 HOUR DURATION**NOTE: AREA TABULATION IS FOR CITY USE ONLY. CONTRACTOR SHALL

COMPLETE HIS/HER OWN TAKE-OFFS AND CALCULATIONS.

#### **TYPICAL INSULATION VALUES**

TYPICAL WALL INSULATION: R-20
TYPICAL ROOF INSULATION: R-20
TYPICAL WINDOW GLAZING:
U-FACTOR: 0.50
SHGC: 0.25
VISIBILE TRANSMITTANCE: 0.35 MIN

#### PROJECT INFORMATION:

ATMOS ENERGY, 3110 N. IH 35, ROUND ROCK, TX 78681, (512) 310-3885

PROPOSED USE: EMERGENCY SERVICES STATION ZONING DISTRICT(S): PF (PUBLIC FACILITY)
OVERLAY DISTRICT(S): SCENIC OVERLAY DISTRICT ACERAGE: 6.041

PROPOSED TOTAL IMPERVIOUS COVERAGE: 1.806 ACRES
LEGAL DESCRIPTION: 6.041 ACRE TRACT OF LAND LOCATED IN THE WILLIAM ADDISON SURVEY,
ABSTRACT 21, WILLIAMSON COUNTY ,TX
UTILITY PROVIDERS:

GEORGETOWN UTILITY SYSTEMS, 300 INDUSTRIAL AVE, GEORGETOWN, TX 78626, (512) 930-3640

#### **GENERAL SITE DEVELOPMENT PLAN NOTES:**

1. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER, AND SUCCESSORS TO THE CURRENT PROPERTY OWNER, TO ENSURE THE SUBJECT PROPERTY AND ANY IMPROVEMENTS ARE MAINTAINED IN CONFORMANCE WITH THIS SITE DEVELOPMENT PLAN.

THIS DEVELOPMENT SHALL COMPLY WITH ALL STANDARDS OF THE UNIFIED DEVELOPMENT CODE (UDC), THE CITY OF GEORGETOWN CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL, THE DEVELOPMENT MANUAL AND ALL OTHER APPLICABLE CITY STANDARDS.
 THIS SITE DEVELOPMENT PLAN SHALL MEET THE UDC STORMWATER REQUIREMENTS.

4. ALL SIGNAGE REQUIRES A SEPARATE APPLICATION AND APPROVAL FROM THE INSPECTION SERVICES DEPARTMENT. NO SIGNAGE IS APPROVED WITH THE SITE DEVELOPMENT PLAN.5. SIDEWALKS SHALL BE PROVIDED IN ACCORDANCE WITH THE UDC.

6. DRIVEWAYS WILL REQUIRE APPROVAL BY THE DEVELOPMENT ENGINEER OF THE CITY OF GEORGETOWN.7. OUTDOOR LIGHTING SHALL COMPLY WITH SECTION 7.05 OF THE UDC.

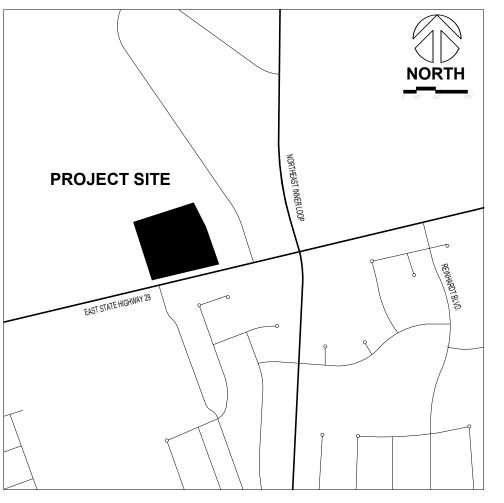
**8.** SCREENING OF MECHANICAL EQUIPMENT, DUMPSTERS AND PARKING SHALL COMPLY WITH CHAPTER 8 OF THE UDC. THE SCREENING IS SHOWN ON THE LANDSCAPE AND ARCHITECTURAL PLANS, AS APPLICABLE.

INSTALLED TO MEET ALL REQUIREMENTS OF THE UDC.

**10.** ALL MAINTENANCE OF REQUIRED LANDSCAPE SHALL COMPLY WITH THE MAINTENANCE STANDARDS OF CHAPTER 8 OF THE UDC.

9. THE COMPANION LANDSCAPE PLAN HAS BEEN DESIGNED AND PLANT MATERIALS SHALL BE

## VICINITY MAP



#### **UTILITY PROVIDERS**

ELECTRIC:	CITY OF GEORETOWN (GUS)
WATER/SANITARY SEWER:	CITY OF GEORGETOWN
GAS:	ATMOS ENERGY: ALIDA PAINE 512.310.3855
CABLE:	SUDDENLINK: 512.931.2964
TELEPHONE:	VERIZON: DANNY FORTENE 512.869.2217

#### OWNER PROVIDED CONTRACTS

CCTV: CONVERGINT TECHNOLOGIES: 512.351.4042

DATA/CABLING & A/V: ERIC JOHNSON, CITY OF GEORGETOWN ERIC.JOHNSON@GEORGETOWN.ORG

ALERTING SYSTEM: US DIGITAL DESIGNS: JAMES AMOS 602.687.1730

#### NT PLAN NOTES:

12. FIRE FLOW REQUIREMENTS OF 1,500 PER MINUTE ARE BEING MET BY THIS PLAN.13. ANY HERITAGE TREE NOTED ON THIS SITE DEVELOPMENT PLAN IS SUBJECT, IN PERPETUITY, TO THE MAINTENANCE, CARE, PRUNING AND REMOVAL REQUIREMENTS OF THE UNIFIED DEVELOPMENT CODE.

14. THE CONSTRUCTION PORTION OF THESE PLANS WERE PREPARED, SEALED, SIGNED AND DATED BY A TEXAS LICENSED PROFESSIONAL ENGINEER. THEREFORE, BASED ON THE ENGINEER'S CONCURRENCE OF COMPLIANCE, THE CONSTRUCTION PLANS FOR CONSTRUCTION OF THE PROPOSED PROJECT ARE HEREBY APPROVED SUBJECT TO THE STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS MANUAL AND ALL OTHER APPLICABLE CITY, STATE AND FEDERAL REQUIREMENTS AND CODES.

11. A SEPARATE IRRIGATION PLAN SHALL BE REQUIRED AT THE TIME OF THE BUILDING PERMIT

15. THIS PROJECT IS SUBJECT TO ALL CITY STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS IN EFFECT AT THE TIME OF SUBMITTAL OF THE PROJECT TO THE CITY.

ADDITIONAL SITE DEVELOPMENT PLAN NOTES:

AN ADMINISTRATIVE EXCEPTION FOR AN ALTERNATIVE BUILDING PLAN HAS BEEN SUBMITTED FOR APPROVAL BY THE PLANNING DIRECTOR WITH THE SITE DEVELOPMENT PLAN SUBMITTAL.
 THE PROPERTY SUBJECT TO THIS APPLICATION IS SUBJECT TO THE WATER QUALITY REGULATIONS OF THE CITY OF GEORGETOWN.

**3.** A GEOLOGIC ASSESSMENT, IN ACCORDANCE WITH THE CITY OF GEORGETOWN WATER QUALITY REGULATIONS, WAS COMPLETED ON 10/27/17. ANY SPRINGS AND STREAMS AS IDENTIFIED IN THE GEOLOGIC ASSESSMENT ARE SHOWN HERIN.

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#### BID ALTERNATES

S1.1

S1.2

S1.3

REFERENCE SPECIFICATION SECTION 01 23 00 - ALTERNATES:
ADD ALTERNATE 1: PROVIDE ADDITIONAL IRRIGATION COVERAGE AS INDICATED ON 1/L1.3.

DIMENSION CONTROL PLAN

1ST FLOOR CLG FRAMING PLAN

FOUNDATION PLAN

ROOF FRAMING PLAN

LATERAL FRAMING PLAN

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**ELECTRICAL SYMBOLS & ABBREVIATIONS** 

MECHANICAL POWER FLOOR PLANS

**ELECTRICAL SCHEDULES & DETAILS** 

ALERTING SYSTEM FLOOR PLANS

LIGHTING FLOOR PLANS

FIRE ALARM FLOOR PLANS

POWER FLOOR PLANS

ELECTRICAL DETAILS

E1.1

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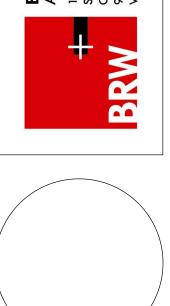
E2.1

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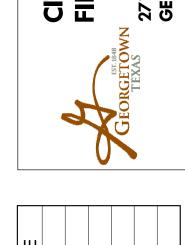
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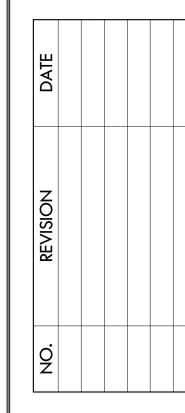
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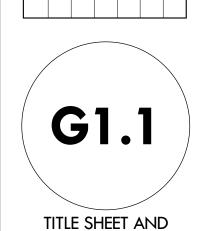
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DRAWING INDEX