

- SITE PLAN NOTES:**
- This property is zoned Planned Development-Mixed Use (PD-M) per ordinance 1636
  - Owner & Applicant: CapRock Emergency LLC.
  - Proposed Use: Hospital
  - The total site area as recorded in deed records is 2.2 acres.
  - BUILDING USAGE DETAILS:**  
Hospital = 20,363sf
  - PARKING ANALYSIS:**  
Hospital: 1 parking space per 250sf  
(20,363/250) = 82 Required Parking Spaces  
Total Required Parking Spaces: 82 spaces  
Parking Spaces Provided: 97 spaces  
Total Parking Lot Spaces: 97 spaces  
Handicap Spaces Required: 4 spaces  
Total Handicap Spaces Provided: 10 spaces
  - WATER AND SANITARY SEWER DEMANDS:**  
Average Daily Use = 31 GPM  
Peak Hourly Flow = 126 GPM  
Wastewater Flow (Rate of Return = 75%): = 23 GPM
  - FIRE FLOW REQUIREMENTS**  
Type IIB Building  
Largest Area Separated by Fire Walls (Large Service Area) = 19,142 SF  
Required Fire Flow = 3,000 GPM for 3 HRS  
Note = Isolation gate valve to be used for the fire line shall be AmPro with a LL562 lockable lid.
  - BASIS OF BEARINGS:**  
The bearing system and actual measured distances to the Iron Rod monuments are consistent with the BRYAN TOWNE CENTER SUBDIVISION final plat recorded in Volume 8366, Page 58 of the Official Records of Brazos County, Texas
  - According to the Flood Insurance Rate Maps for Brazos County, Texas and Incorporated Areas, Map Number 4804100215F, Map Revised April 2, 2014, this property is not located in a Special Hazard Area.
  - See Site Civil drawings for additional grading, layout information, Utility layout and Stormwater Pollution Prevention Plan.
  - See Landscape Architect's Plans for landscaping plan/details, security gate/fencing details, dumpster screening, transformer screening, and fuel tank screening details.  
Building Setbacks shall comply with the City of Bryan Standards  
Front Setback = 25'  
Side Setback = 7.5'  
Rear Setback = 15'
  - Backflow preventers shall be installed on all firelines and located in the water closets of each building.
  - See Sheet C2.1-C2.2 for dimensions and details.
  - Irrigation system to be installed by others. Irrigation system must be protected by either a Pressure Vacuum Breaker, a Reduced Pressure Principle Back Flow Device, or a Double-Check Back Flow Device.
  - All Backflow devices must be installed and tested upon installation.
  - The City shall not be responsible for repairs to parking lot lights or retaining walls that are located in existing utility easements should maintenance/replacement of their associated utilities be deemed necessary.
  - Contractor shall provide one (1) week advance notice to City prior to connecting to existing waterlines and shall coordinate the water line connections with the Utility Dept. and City Inspector. Signage will be permitted separately.

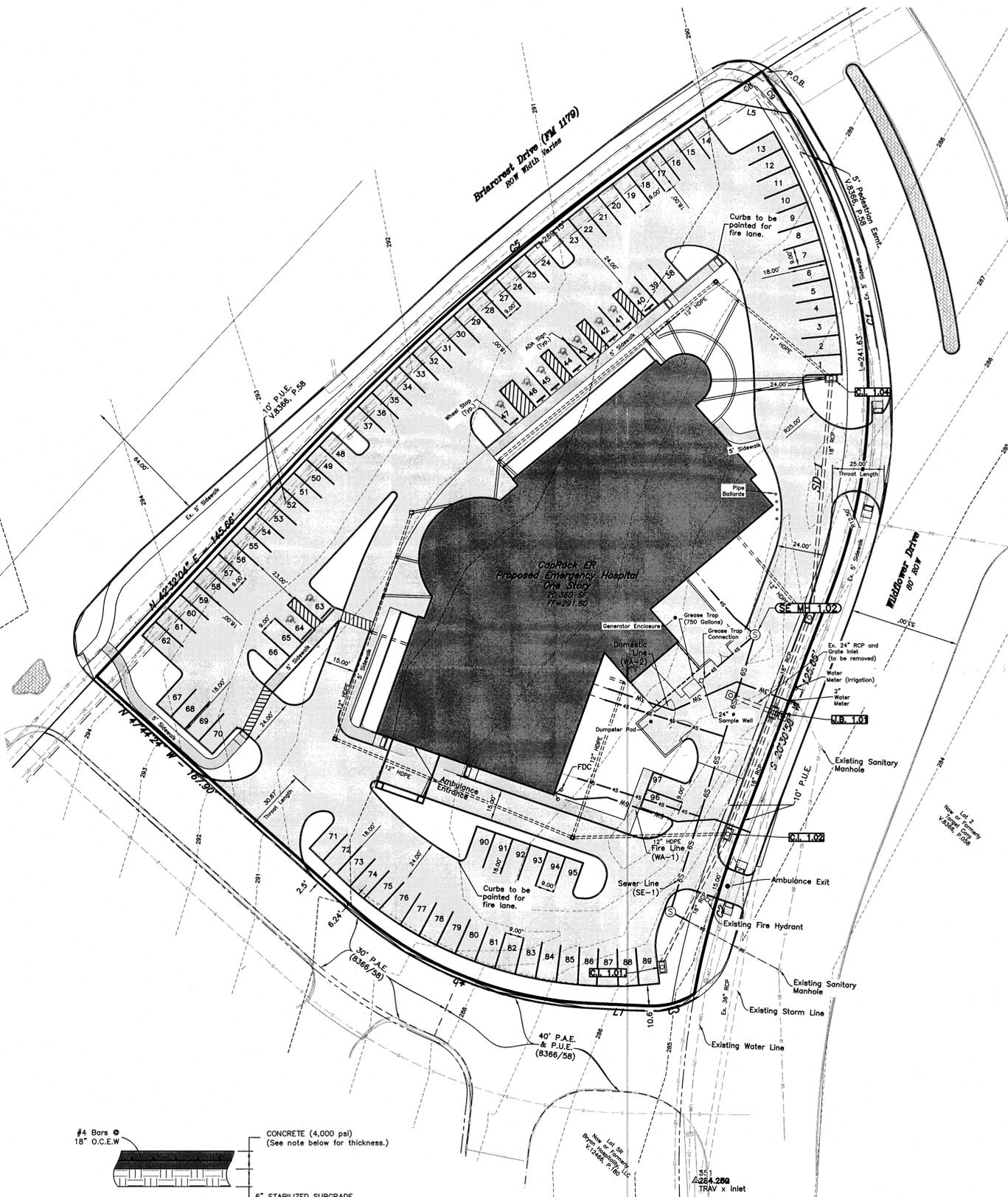
- GENERAL CONSTRUCTION NOTES:**
- It shall be the responsibility of the Contractor to verify the exact location of all existing underground utilities. Furthermore, the Contractor shall contact all utility company representatives a minimum of 48 hours in advance of any excavation.  
A. Contact Texas811 @ 811  
C. Contact TxDOT @ 979-778-2165
  - Construction within Public Right-of-Ways and easements must equal or exceed the BCS Unified Technical Specification and Standard Construction Details. All inspections shall be coordinated with the staff of the City Engineer of Bryan.
  - In lieu of using the construction materials indicated in these plans, the Contractor shall obtain written approval from the Engineer for any substitution.
  - Trench Safety Requirements shall be in accordance with O.S.H.A. Standard 29 CFR Part 1926 Subpart P.
  - TRENCHING AND BACKFILLING:** The backfilling of all trenches within structural areas shall be accomplished with cement stabilized sand placed to within 6" of paving sub-grade. The backfilling of all trenches outside of structural areas shall be placed so as to achieve 85 percent Modified Proctor Density. All backfilling shall be between optimum and 4 percent (4%) above optimum moisture content. Testing shall be provided by a certified laboratory at the Owner's expense to verify these standards. Any retesting due to substandard work shall be at the expense of the Contractor. Structural areas shall include all sidewalks and paved areas. For streets, alleys and parking areas, the limits of the structural areas shall extend 5' beyond the curb lines or other paved areas.
  - It is the responsibility of the contractor to comply with all State and Federal Regulations regarding construction activities near energized overhead power lines. Additionally, the contractor shall coordinate all proposed work and procedures with the Bryan Texas Utilities (BTU). Where a contradiction between plans and specifications occur, the plans shall be ruled as superior.
  - Trenches may be left open overnight if properly barricaded to prevent pedestrian access.
  - It shall be the responsibility of the Contractor to file a NOI with the TCEQ and coordinate with City staff.
  - Contractor shall adjust all existing manholes and valve boxes to final grades. There will be no separate pay item for this work.
  - Refer to Architectural Plans for top of finished light pole foundation elevations.

- Legend**
- - 1/2" Iron Rod Set
  - ⊙ - 1/2" Iron Rod Found
  - ⊙ - 5/8" Iron Rod Found
  - Existing Sewer Line w/ size
  - Existing Water Line w/ size
  - Proposed Sewer Line w/ size
  - Proposed Water Line w/ size
  - Existing Gas Line w/ size
  - Existing Overhead Electric Line
  - Guy Anchor
- Abbreviations**
- D.E. Drainage Easement
  - D.D.F.E. Drainage Detention Facility Easement
  - D.R. Brazos County Deed Records
  - E.A.E. Emergency Access Easement
  - F.H. Fire Hydrant
  - O.R. Brazos County Official Records
  - P.A.E. Public Access Easement
  - P.R. Brazos County Plat Records
  - P.R.A. Public Utility Easement
  - R.O.W. Right-of-Way
  - U.E. Utility Easement
  - Pr.A.E. Private Access Easement
  - S.D. Storm Drain
  - Pr.L.E. Private Landscape Easement
  - F.D.C. Fire Department Connection



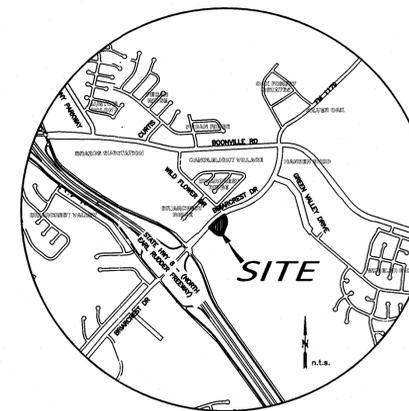
Note: Concrete thickness shall be as follows:  
 A. Main Drives = 7"  
 B. Parking Spaces = 5"  
 C. Sidewalk = 4"  
 D. Pavement sections shall be constructed in accordance with the BCS Unified Technical Specifications.  
 E. Subgrade shall be compacted to 95% of Standard Proctor Density as per ASTM D968 at moisture contents in the range of the optimum moisture content to 4% above the optimum moisture content.

**PAVEMENT SECTION**



**SITE PLAN**

SCALE: Hor: 1" = 30'



**VICINITY MAP**

**CURVE TABLE**

| CURVE | DELTA     | RADIUS   | LENGTH  | TANGENT | CHORD BRG.    | CHORD DIST. |
|-------|-----------|----------|---------|---------|---------------|-------------|
| C1    | 56°34'54" | 270.00'  | 266.63' | 145.32' | S 7°46'28" E  | 255.93'     |
| C2    | 10°20'57" | 470.00'  | 84.89'  | 42.56'  | S 15°20'29" W | 84.78'      |
| C3    | 35°46'42" | 37.51'   | 23.42'  | 12.11'  | S 74°41'29" W | 23.05'      |
| C4    | 39°40'35" | 182.50'  | 126.38' | 65.84'  | N 67°34'42" W | 123.87'     |
| C5    | 13°53'27" | 1213.29' | 294.15' | 147.80' | N 49°34'07" E | 293.43'     |
| C6    | 21°54'13" | 265.00'  | 101.31' | 51.28'  | S 20°39'44" E | 100.69'     |
| C7    | 21°02'59" | 270.00'  | 99.19'  | 50.16'  | S 20°14'07" E | 98.64'      |
| C8    | 1°10'50"  | 1213.29' | 25.00'  | 12.50'  | S 55°55'25" W | 25.00'      |
| C9    | 5°18'19"  | 270.00'  | 25.00'  | 12.51'  | N 33°24'45" W | 24.99'      |

**LINE TABLE**

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| L1   | N 87°24'59" W | 29.01'   |
| L2   | S 56°19'29" W | 8.01'    |
| L3   | S 42°05'31" E | 21.02'   |
| L4   | N 80°17'18" E | 5.00'    |
| L5   | S 78°45'15" E | 35.14'   |

- TRAFFIC/HANDICAP SIGN INSTALLATION NOTES:**
- All signs shall be posted on 8"-6", 2-1/2" outside diameter Galvanized Steel Signposts that weigh two (2) pounds per linear foot. These signposts shall be placed a minimum of 2.5 to 3.0 feet into the ground in a dug or drilled one-foot diameter hole. The sign-post shall be placed vertically plumb in the center of the hole and secured with a minimum of two (2) sockets of sockets. The concrete mix shall be hand tamped as necessary.
  - All traffic signs shall be installed so that the bottom of each sign shall be at least seven (7) feet above the ground at the base of the signpost or above an adjacent travelway. All traffic signposts shall be installed 24" inches from the travelway. Handicapped Parking Signs and Fire Lane Signs shall be installed a minimum of five (5) feet above the ground at the base of the sign, and 12" from the travelway or sidewalk.
  - The hardware used to attach the signs to the signposts shall be the same as that currently used by the City of Bryan.

- STRIPING NOTES:**
- Contractor shall be responsible for the layout of the Parking Area striping plan in the field and stripe as shown on this sheet. All markings shall be white.
  - All paint, glass beads and application rates shall conform to TxDOT Item 686, ReflectORIZED Pavement Markings, Type II Marking Materials.
  - All Parking Space Limit Lines shall be solid white lines 6" wide.
  - All marking/striping shall conform to current specifications of the Texas Manual on Uniform Traffic Control Devices, the TEXAS ACCESSIBILITY STANDARDS (TAS) of the Architectural Barriers Act [Article 9102, Texas Civil Statutes] from the Texas Department of Licensing and Regulation and that this document will be held in trust and confidence subject only to the statute use expressed by PhiloWilke Partnership.
  - Fire Lane curbs shall be marked "Fire Lane, No Parking, Tow Away Zone" with minimum of 4" letters on curbs only.

- BENCHMARK INFORMATION:**
- TBM A: 1/2" Iron Rod  
N: 51700.56  
E: 100077.43  
Elev: 292.423
  - TBM B: 1/2" Iron Rod  
N: 51407.88  
E: 100223.90  
Elev: 284.804
  - TBM C: 1/2" Iron Rod  
N: 51407.88  
E: 100223.90  
Elev: 285.244

**Philo Wilke**

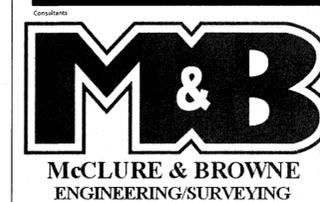
**Partnership**

11275 S. Sam Houston Parkway W.  
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Houston, Texas 77031  
(832) 554-1130  
www.pwarch.com

**Interim Review Only**

Not for regulatory approval, permit or construction.

By: Steven C. Schultz  
 Tx. Reg. No. 12564  
 Date: 06/28/16



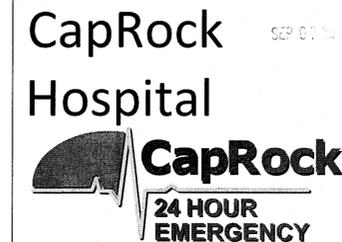
1008 Woodcreek Drive, Suite 103  
College Station, TX 77845  
(979) 693-3838  
www.mcclurebrowne.com

**Revisions**

| No. | Date       | Description               |
|-----|------------|---------------------------|
| 1   | 07/18/2016 | Design Development Review |

**Legal Description:** Lot 1-R, Block 2 Bryan Towne Center Subdivision  
 Acres: 2.2565 Acres  
 Address: 3134 Briarcrest Drive, Bryan, TX 77802

**Owner:** CapRock Emergency LLC  
 948 William D. Fitch Pkwy  
 College Station, TX 77845  
**Engineer:** McClure & Browne Engineering/Surveying Inc.  
 1008 Woodcreek Dr.  
 College Station, TX 77845



3134 Briarcrest Dr  
Bryan, TX 77802

Civil Site Plan

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PLW Commission Number Sheet Number

216-012

C1.1