

**Fire Lane Striping:**

All curbs and curb ends designated as firelanes on plans shall be painted red with 4" white lettering stating "FIRE LANE-NO PARKING-TOW AWAY ZONE". Wording may not be spaced more than 15' apart.

■ FIRE LANE ■ NO PARKING ■ TOW AWAY ZONE ■

**Parking Analysis:**

**Proposed Improvements:**

20,000 SF Limestone Gravel Yard  
6,000 SF Building

**New Required Parking:**

10...1 Space per 2000 SF Yard Area  
6...1 Space per 1000 SF Building Area

**New Provided Parking:**

15...Straight in Parking  
1...ADA Parking w/Van Accessible  
16...Total Provided

**Legend:**

---	Existing Conditions
---	Proposed Construction
---	Easements
S-B	Sewer Lines
S	Sewer Service Lines
W-B	Water Lines
W	Water Service Lines
AE	Overhead Electrical
UE	Underground Electrical
SILT	Silt Fence
X	Chain Link Fence
T	Telephone
360	Proposed Contour
360	Existing Contour
WM	Water Meter
▲	Pipeline Riser
⊙	Hydrant
⊕	Valve



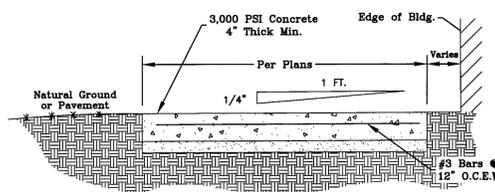
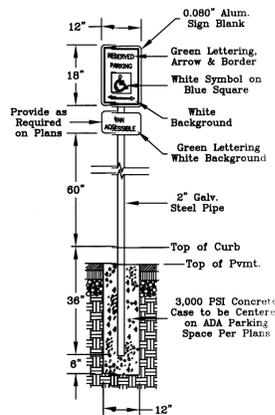
- Notes:**
- The sign shall be 12" wide by 18" in height and be mounted in the location shown.
  - Sign shall be painted on white background with symbols, letters, and border in red.
  - Sign shall comply with the cob fire service standards.

**Fire Lane Sign Detail**

N.T.S.

**ADA Parking Sign**

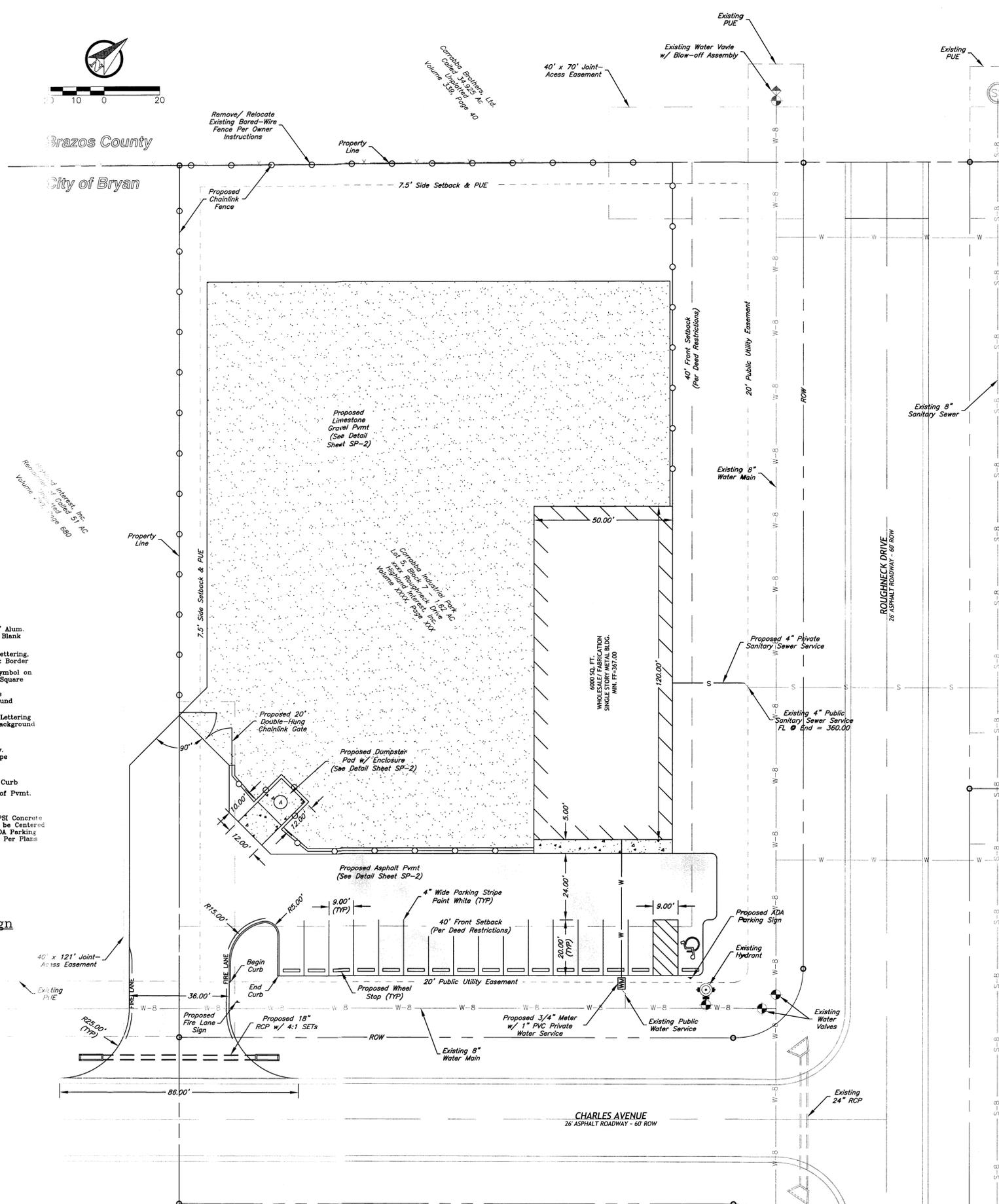
N.T.S.



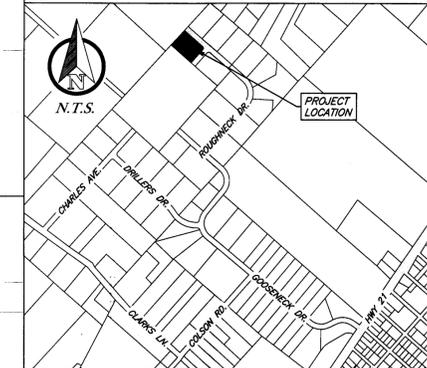
- Note:**
- Install expansion joints at 40' max. longitudinal spacing and install control joints at 5' longitudinal spacing

**Typical Sidewalk**

N.T.S.



**Vicinity Map:**



**Site Specific Notes:**

- Current owner of Lot 5, Block 7 of Carraba Industrial Park, Phase 7B, is Highland Interest, Inc., PO Box 863, Bryan, Texas 77806, (979) 778-8850, Mark Carraba - Vice President.
- Current Zoning is I - Industrial.
- Current use - Vacant.
- Proposed use and improvements: wholesale/fabrication facility including assorted parking, utilities, & landscaping.
- This lot is not within the 100-YR floodplain according to the DFIRM for Brazos County, Texas and incorporated areas, Map No. 48041C0205E, effective May 16, 2012.
- Total lot acreage is 1.62 Acres.
- Standard side and rear building setback line of 7.5' apply to this lot.
- Developer/ Tenant to submit electrical load information when requesting electrical service from BTU. Contact Line Design @ 821-5770.
- Access gates shall be manually operated and secured with a chain and pad lock.
- There are no paint spraying operations anticipated for this development.

**Construction Notes:**

- 12'x12' dumpster pad w/ 10' apron, 8" thick reinforced concrete w/ #5 rebar 12" OCEW and w/ 6" tall wooden fence screen. See detail.
- All proposed sewer cleanouts that are to be placed within a concrete sidewalk shall be set at the same grade as the sidewalk and utilize a flush mount, brass cap, so that there are no tripping hazards.
- All fill subgrade and base material shall be compacted to 98% STD in areas to be paved and 95% STD in all other areas.
- All concrete to be constructed with 3000 psi (Min) - 28 day strength portland cement concrete.
- All items to be removed during clearing and grubbing. Remove not only the above ground elements, but all underground elements as well. All excavated material shall become the property of the contractor unless otherwise directed by the Owner. All debris must be disposed off site.
- Prior to grading operations, contractor is to strip the first 6" of soil. Contractor shall proof roll the entire site and remove any unstable materials according to TxDOT Specifications. Select fill is to be used in replacing objectionable material.
- Assure positive drainage across project site to the storm water structures.
- The proposed limestone gravel pavement area shall follow the same detail and specifications as the asphalt parking lot, omitting the prime coat and asphalt-cement wearing surface. Limestone gravel surface shall be rolled smooth to finish grade.
- Each utility contractor is responsible for positioning and trenching of service lines. Mark all lines with utility tape. Utility contractors are responsible for coordinating with paving contractor in placement and installation of any necessary utility conduit prior to subgrade preparation. Lines requiring slope control are to be installed first. All other lines not requiring slope control or elevation shall be installed deepest first. Each contractor is responsible for knowing final determination of installation order.
- Materials and methods for pavement markings shall conform to TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges (current edition), with the following exceptions: 1) Type II marking materials need not be purchased from the Department, and 2) Glass beads may be omitted, but marking material shall be Type II paint-type material.

**Site Plan**

**General Notes:**

- The topography shown is from field survey data.
- Refer to Final Plat for all lot dimensions and bearings.
- All utilities shown are taken from the best available information based on construction utility documents obtained by J4 Engineering from City and Independent agencies and/or above ground field evidence. Shown positions may not represent as-built conditions.
- The contractor shall be responsible for verifying the exact location of all existing underground utilities, whether shown on these plans or not. Notification of the utility companies 48 hours in advance of construction is required.
- Contractor is responsible for field verifying existing and proposed grades prior to any construction and reporting any inconsistencies to the Owner.
- All construction shall be in accordance with the current BCS Standard Specifications, Details, and Design Guidelines for Water, Sewer, Streets, and Drainage, unless otherwise noted.
- All signage will need to meet the requirements of the City of Bryan Sign Ordinance.
- Normal Domestic Wastewater is anticipated to be discharged from this development.
- It is the intent of these plans to comply with all City of Bryan guidelines, details, and specifications.

Professional Engineer Seal for Glenn Jones, State of Texas, License No. 97600.

2	Released for Construction	01/08/13
1	City Comment Revisions	01/08/13
No.	Revision/Issue	Date

**J4 Engineering**  
PO Box 5192 - Bryan, Texas - 77805  
979-739-0567 www.J4Engineering.com  
TBPE Firm # 9951

**Site Plan**  
4191 Charles Avenue  
Lot 5, Block 7  
Carraba Industrial Park Phase 7B  
Bryan, Brazos County, Texas

Date: Jan 2013  
Scale: As Noted  
Sheet: SP-1

RECEIVED

JAN 08 2013

Development & Engineering Services

LG