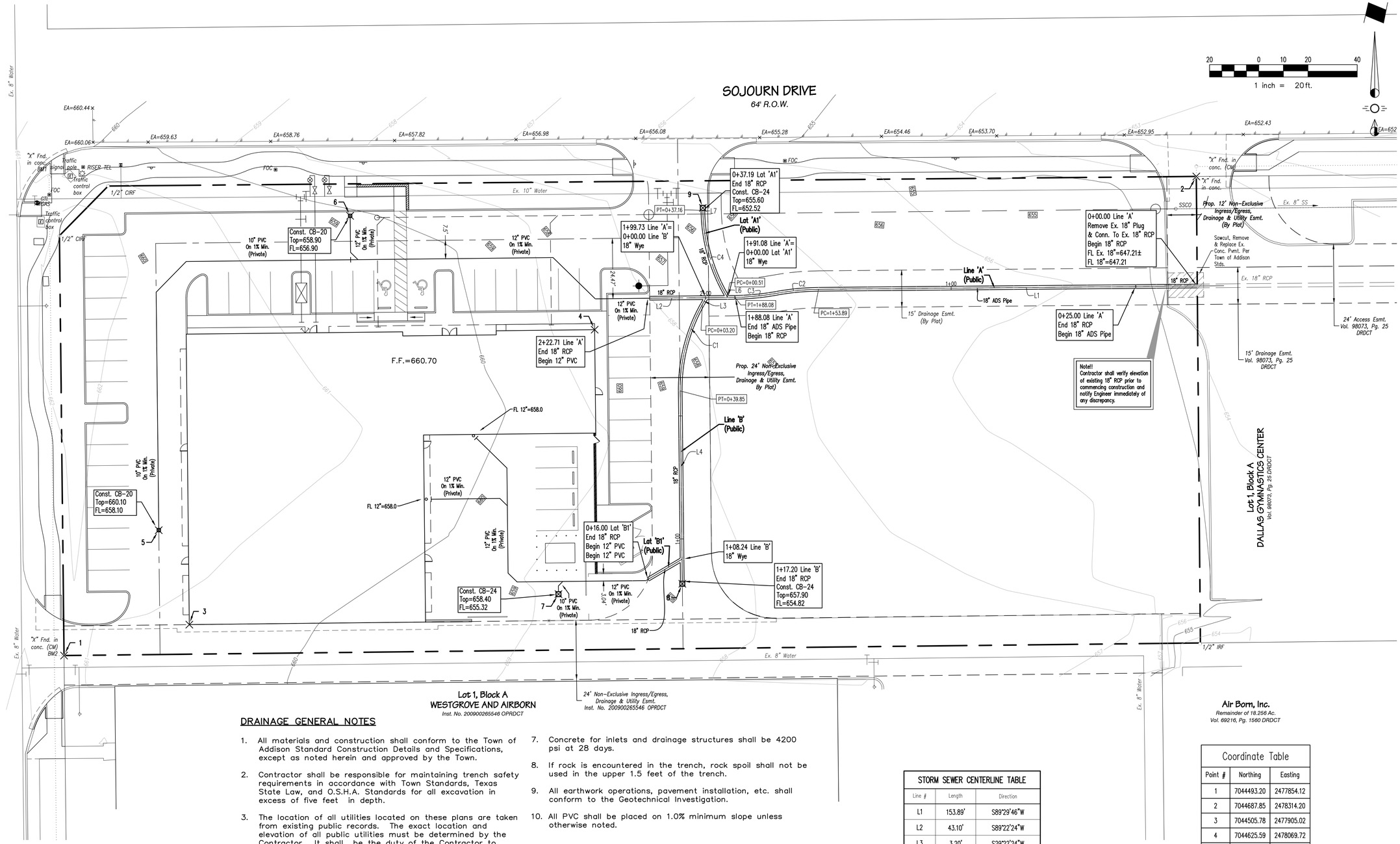

CAUTION !!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

CALL 1-800-344-8377 (DIG-TESS) OR OTHER UTILITY LOCATION SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SPIARS ENGINEERING, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS OF UTILITIES ON DRAWINGS.

DRAINAGE GENERAL NOTES

1. All materials and construction shall conform to the Town of Addison Standard Construction Details and Specifications, except as noted herein and approved by the Town.
2. Contractor shall be responsible for maintaining trench safety requirements in accordance with Town Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
3. The location of all utilities located on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
4. It shall be the responsibility of the Contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the Contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this development.
5. Drainage should be maintained away from the foundations, both during and after construction.
6. Backfill for utility lines should be carefully placed so that they will be stable. Where utility lines pass through the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to ensure that undesirable fill is not used.
7. Concrete for inlets and drainage structures shall be 4200 psi at 28 days.
8. If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench.
9. All earthwork operations, pavement installation, etc. shall conform to the Geotechnical Investigation.
10. All PVC shall be placed on 1.0% minimum slope unless otherwise noted.

RECORD DRAWINGS

NOTE:
THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY THE CONTRACTOR.

STORM SEWER CENTERLINE TABLE		
Line #	Length	Direction
L1	153.89'	S89°29'46"W
L2	43.10'	S89°22'24"W
L3	3.20'	S29°22'24"W
L4	77.35'	S00°37'36"E
L6	0.51'	N30°37'36"W
L7	0.03'	N00°37'36"W

STORM SEWER CENTERLINE CURVE TABLE						
Curve #	Radius	Delta	Tangent	Length	Chord Bearing	Chord Length
C1	70.00'	30°00'00"	18.76'	36.65'	S14°22'24"W	36.23'
C2	100.00'	9°51'16"	8.62'	17.20'	S84°34'08"W	17.18'
C3	100.00'	9°43'54"	8.51'	16.98'	S84°30'27"W	16.96'
C4	70.00'	30°00'00"	18.76'	36.65'	N15°37'36"W	36.23'

Coordinate Table		
Point #	Northing	Easting
1	7044493.20	2477854.12
2	7044687.85	2478314.20
3	7044505.78	2477905.02
4	7044625.59	2478069.72
5	7044544.15	2477892.60
6	7044671.85	2477970.37
7	7044518.16	2478055.03
8	7044522.38	2478105.35
9	7044675.07	2478113.68

BENCHMARKS:

1: "X" cut found in concrete ramp at southeast corner of the intersection of Westgrove and Sojourn. Elev.=661.09'

2: "X" cut found for southwest property corner. Elev.=661.15'

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DAVID J. BOND
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LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
4/5/18

KNIGHT RENOVATIONS
LOT 2R, BLOCK A
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

DRAINAGE PLAN

Issue Dates:
September 16, 2016

Revisions | Date

Scale: As Shown
Drawn By: BLM
Checked By: JWS

Sheet C 4 of 10

SEI No. 16-036

Drawing: G:\2016_JOBS\16-036 4200 Sojourn\16-036 Drainage Plan.dwg Saved By: Thornett Save Time: 1/26/2018 11:46:46 AM
Plotted by: thornett Plot Date: 4/4/2018 8:04 AM