

LEGEND

- ⊙ Electrical Manhole
- ⊕ Fire Hydrant
- ⊙ Gas Manhole
- ⊙ Gas Meter
- ⊙ Guy Anchor
- Iron Pipe Found
- ⊙ Iron Rod Found
- ⊙ Iron Rod Set
- ⊙ Light Pole
- ⊕ Power Pole
- ⊕ Sewer Clean-Out
- ⊙ Sewer Manhole
- ⊕ Sprinkler Head
- ⊙ Storm Drain Manhole
- ▲ Street Sign
- ⊕ TBM
- ⊙ Telephone Manhole
- ⊙ Telephone Pedestal
- ▲ Traverse Point
- ⊕ Water Meter
- ⊕ Water Valve
- ⊙ Blackjack Tree
- ⊙ Cedar Tree
- ⊙ Elm Tree
- ⊙ Mesquite
- ⊕ Pine Tree
- ⊙ Post Oak
- ⊕ Water Oak Tree
- ⊙ Station
- Top of Curb Elevation
- SD1.01 Proposed Drainage Structure No.
- WA1.01 Indicates Proposed Water Structure Identifier
- WS1.01 Indicates Proposed Water Service Line Number
- SE1.01 Indicates Proposed Sewer Structure Identifier
- SS1.01 Indicates Proposed Sewer Service Line Number
- ⊕ Ambulatory Ramp
- ▲ Prop. Handicapped Parking Sign
- ▭ Straw Bale Barrier
- ⊕ Inlet Protection
- ⊕ Prop. Drainage Structure w/Culvert Inlet Protection
- 14 Prop. Inlet / Storm Drain
- Drainage Flow
- → → → → Drainage Ditch
- → → → → Indicated Drainage Flow w/Straw Bale Barrier
- ⊕ Prop. Hose Bib
- P — Pipeline
- G — Gas Line
- T — Telephone Cable
- FO — Fiber Optics Cable
- OE — Overhead Electrical Line
- UE — Underground Electric Line
- UU — Underground Utilities
- 8S — Ex. Sewer Line w/ size
- BS — Prop. Sewer Line w/ size
- 8W — Ex. Water Line w/ size
- 8W — Prop. Waterline & Fire Hydrant
- SF — Prop. Silt Fence
- - - 224 - - - Ex. Ground Contour Line
- (224) — Prop. Finish Grade Contour
- X — Wire Fence
- ◇ ◇ ◇ Chain Link Fence
- ○ ○ Pipe Fence w/ Cable
- — — — — Subdivision Boundary
- — — — — Prop. R.O.W. Line
- - - - - Easement Lines

ABBREVIATIONS

- | | | | |
|--------|-----------------------|--------|--------------------------------|
| BC | BUILDING CORNER | ± | PLUS OR MINUS |
| BM | BENCHMARK | PC | POINT OF CURVATURE |
| CFS | CUBIC FEET PER SECOND | PRC | POINT OF REVERSE CURVATURE |
| CL | CENTERLINE | POC | POINT OF COMPOUND CURVATURE |
| CMP | CORRUGATED METAL PIPE | ± | PROPERTY LINE |
| CONC. | CONCRETE | PROP. | PROPOSED |
| Δ | DELTA | PT | POINT OF TANGENCY |
| Ø | DIAMETER | P.D.E. | PUBLIC DRAINAGE EASEMENT |
| DIA | DIAMETER | P.U.E. | PUBLIC UTILITY EASEMENT |
| DIP | DUCTILE IRON PIPE | PVC | POLYVINYL CHLORIDE |
| ELEV. | ELEVATION | R | RADIUS |
| E.O.P. | EDGE OF PAVEMENT | R.O.W. | RIGHT OF WAY |
| EX | EXISTING | SD | STORM DRAIN |
| F.F | FINISHED FLOOR | SF | SQUARE FEET |
| F.H. | FIRE HYDRANT | SS | SEWER SERVICE |
| FL | FLOW LINE | S.Y. | SQUARE YARD |
| FT. | FOOT (FEET) | STA. | STATION |
| GALV. | GALVANIZED | STD. | STANDARD |
| H.P. | HIGH POINT | SW | SIDEWALK |
| HGL | HYDRAULIC GRADE LINE | TBM. | TEMPORARY BENCHMARK |
| IN. | INCH | TC | TOP OF CURB |
| L.F. | LINEAR FEET | TG | TOP OF GRATE |
| L.P. | LOW POINT | TI | TOP OF INLET |
| MH | MANHOLE | TMH | TOP OF MANHOLE |
| MIN. | MINIMUM | TP | TOP OF PAVEMENT |
| MISC. | MISCELLANEOUS | TS | TOP OF SIDEWALK |
| NG | NATURAL GROUND | TEL. | TELEPHONE |
| N.T.S. | NOT TO SCALE | VPC | VERTICAL POINT OF CURVATURE |
| OC | ON CENTER | VPI | VERTICAL POINT OF INTERSECTION |
| OCEW | ON CENTER EACH WAY | VPT | VERTICAL POINT OF TANGENCY |
| O.D. | OUTSIDE DIAMETER | WS | WATER SERVICE |

PROPOSED UTILITY IMPROVEMENTS

COUNTY CLUB UTILITIES -

PHASE 2

COUNTRY CLUB ESTATES LOTS

AUGUST, 2024



VICINITY MAP

SCALE: Hor: 1" = 5000'

Developer:
RAUL DURAN
 P.O. BOX 1535
 BRECKENRIDGE, TX 76424

Prepared By:
Centerline
 8312 Upland Ave.
 Lubbock, TX 79424
 (806) 470-8686

Sheet List Table	
Sheet Number	Sheet Title
C100	Cover Sheet
C200	Utility Mains
C201	Utility Services
C300	Standard Construction Detail

THESE PLANS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
 NOTE: LOCATION OF EXISTING BURIED UTILITIES, WHERE SHOWN, IS APPROXIMATE ONLY. THERE MAY EXIST UTILITIES WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL BURIED UTILITIES.

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ISSUED FOR REVIEW AND COMMENT.

DATE: 8/13/2024	DRAWN BY: LTM	DESIGNED BY: LTM	CHECKED BY: DRW	
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R E V I S I O N S				
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CENTERLINE

TBPE Reg. No. F-16713
 TBPLS Reg. No. 10194378
 8312 Upland Ave.
 Lubbock, TX 79424 (806) 470 - 8686

Cover Sheet
 County Club Utilities - Phase 2
 CACTUS COVE & MEDINA
 BRECKENRIDGE, STEPHENS COUNTY, TX

SHEET NO.

C100

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Utility Mains
 County Club Utilities - Phase 2
 CACTUS COVE & MEDINA
 BRECKENRIDGE, STEPHENS COUNTY, TX

SHEET NO.

C200

OF 4 SHEETS

GENERAL UTILITY 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. Texas 811: 1-800-344-8377
 - B. City of Breckenridge: 254-559-2398
- Sewer services line shall be installed as per the current City of Breckenridge Standards
- Water service line shall be installed as per the current City of Breckenridge standards
- All work shall be performed in accordance with the current version of the City of Breckenridge Public Works Engineering Minimum design standards, applicable codes, and project specifications. The more prohibitive standard shall apply in the event of a conflict.

APPLICABLE CODES

City of Breckenridge Ordinance
 International Building Code
 National Electric Code
 International Plumbing Code
 International Mechanical Code

- Existing line locations are shown for the convenience of the contractor in accordance with the best information available, but is not guaranteed to be correct or complete. Contractor is responsible for verifying the exact size, type, and location of all utilities and protecting/repairing the same at no additional cost to the owner.
- Trench safety shall be conducted in accordance with O.S.H.A. standard 29 CFR part 1926 Subpart P.
- All taps on existing lines to be done by City Forces.

WATER MAIN LINES

- Water lines to be 6" PVC AWWA C900 CL200
- Use field bends if required

TRENCHING AND BACKFILLING

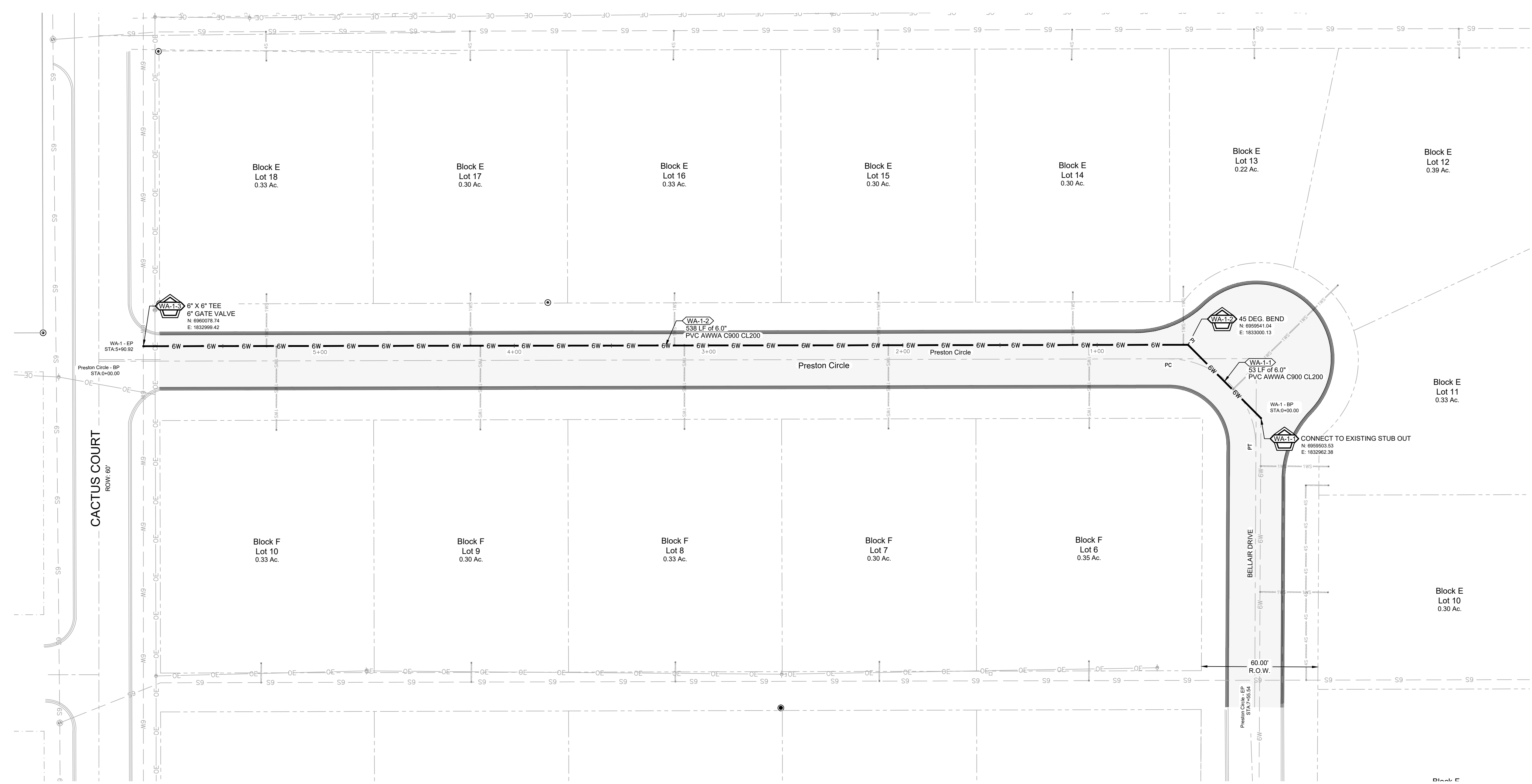
- The backfilling of all trenches within structural areas shall be accomplished with cement stabilized sand and placed to within 6" of street subgrade. The backfilling of all trenches outside of structural areas shall be placed so as to achieve 95% modified proctor density. All backfilling shall be between optimum and 4 percent (4%) above optimum moisture content
- It is the responsibility of the contractor to comply with all state and federal regulations regarding construction activities near energized overhead power lines.
- Trenches may be left open overnight if properly covered or barricaded to prevent pedestrian and vehicular access.

WA-1 - Water Pipe Table

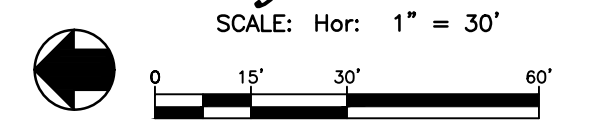
Pipe Name	Size	Length	Pipe Description
WA-1-1	6.00	53.22	PVC AWWA C900 CL200
WA-1-2	6.00	537.70	PVC AWWA C900 CL200

WA-1 - Water Structure Table

Structure Name	Northing & Easting	Structure Description
WA-1-1	N:6959503.5267 E:1832962.3795	CONNECT TO EXISTING STUB OUT
WA-1-2	N:6959541.0430 E:1833000.1263	45 DEG. BEND
WA-1-3	N:6960078.7423 E:1832999.4174	6" X 6" TEE 6" GATE VALVE



Utility Mains



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Utility Services
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 CACTUS COVE & MEDINA
 BRECKENRIDGE, STEPHENS COUNTY, TX

SHEET NO.

G201

OF 4 SHEETS

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- Trench safety shall be conducted in accordance with O.S.H.A. standard 29 CFR part 1926 Subpart P.
- All taps on existing lines to be done by City Forces.
- All sewer and water service lines are shown schematically only, actual install to vary based on individual lot needs. All variations must conform to City of Breckenridge requirements.

WATER SERVICE LINES

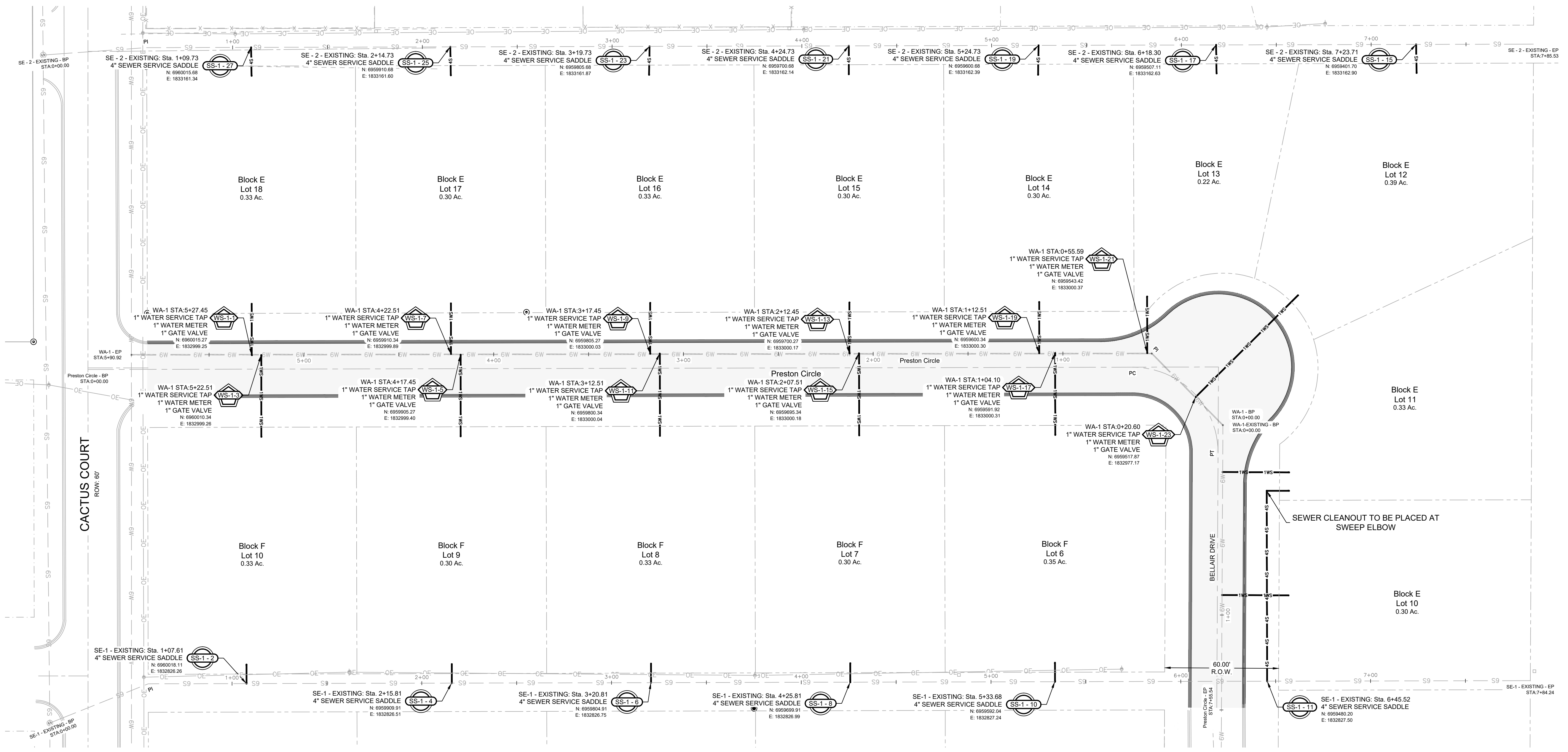
- Water service lines to be 1" SCH 80 PVC or approved equal.
- Use field bends if required.

SEWER SERVICE LINES

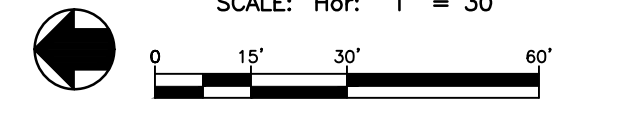
- Sewer service lines to be 4" PVC ASTM D3034 SDR 35 or equivalent.
- Minimum slope for 4" sewer service is 1.00%.

TRENCHING AND BACKFILLING

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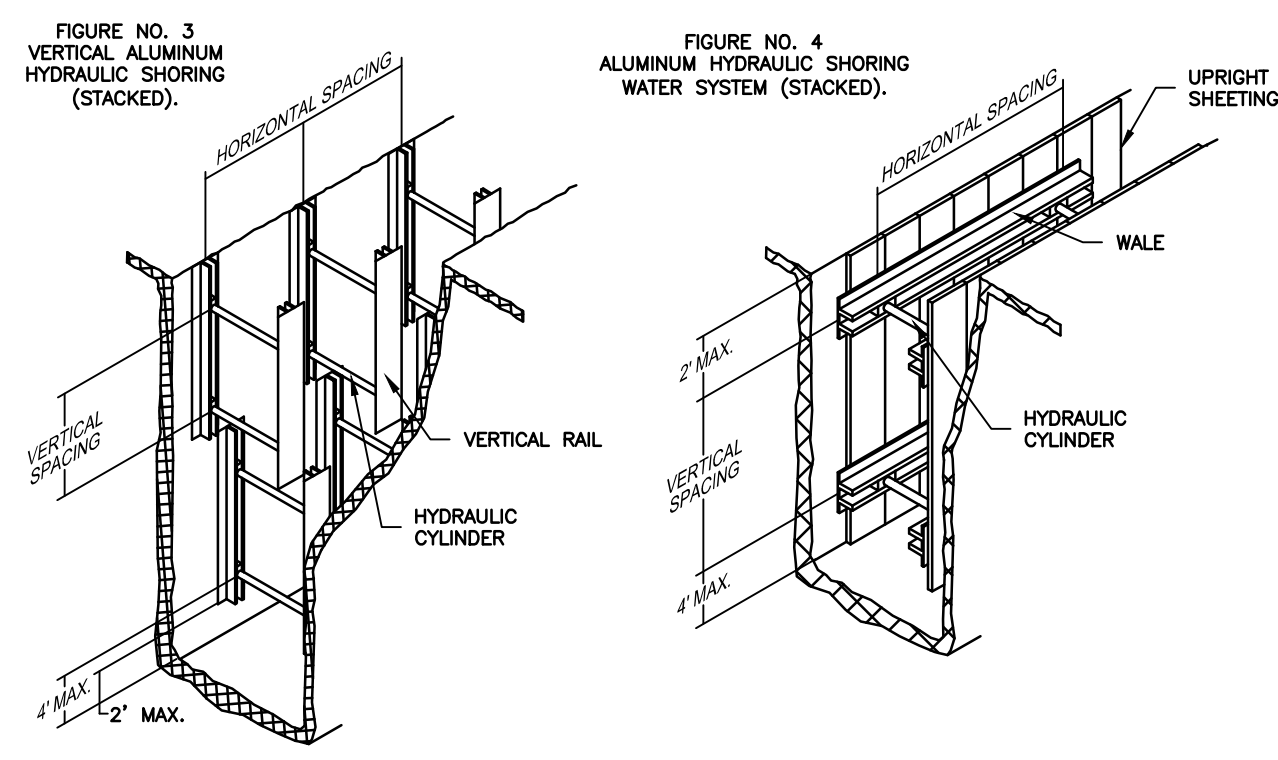
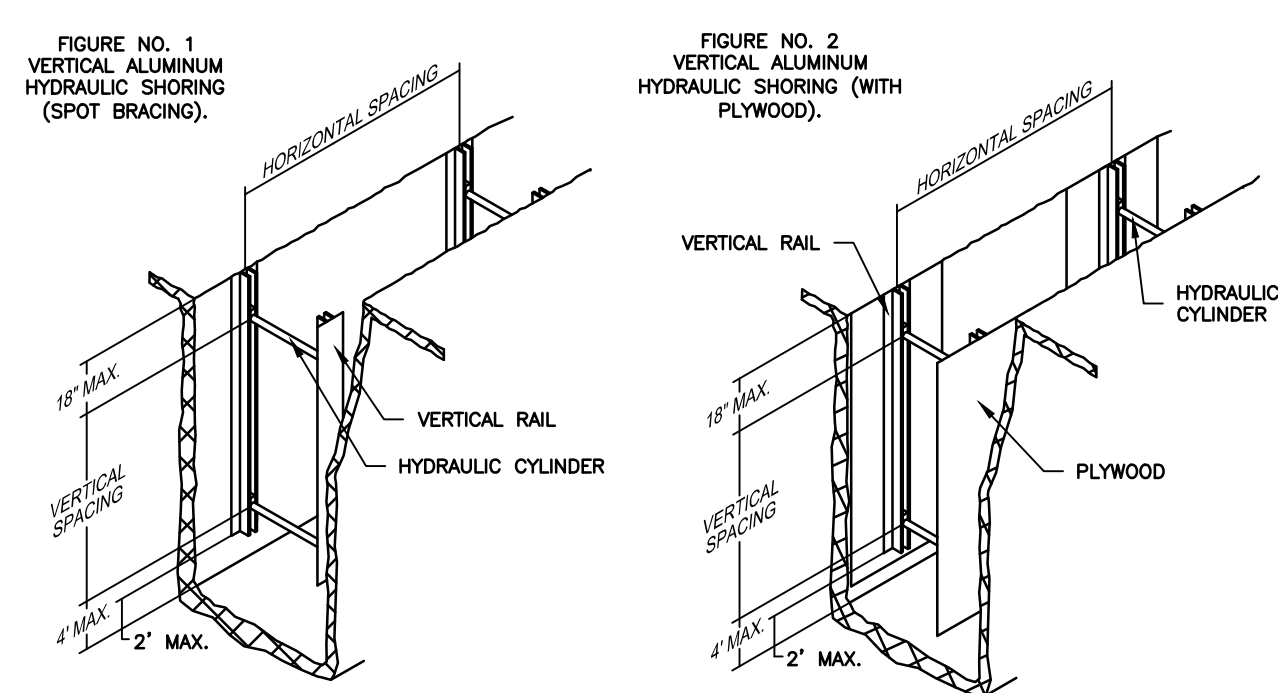
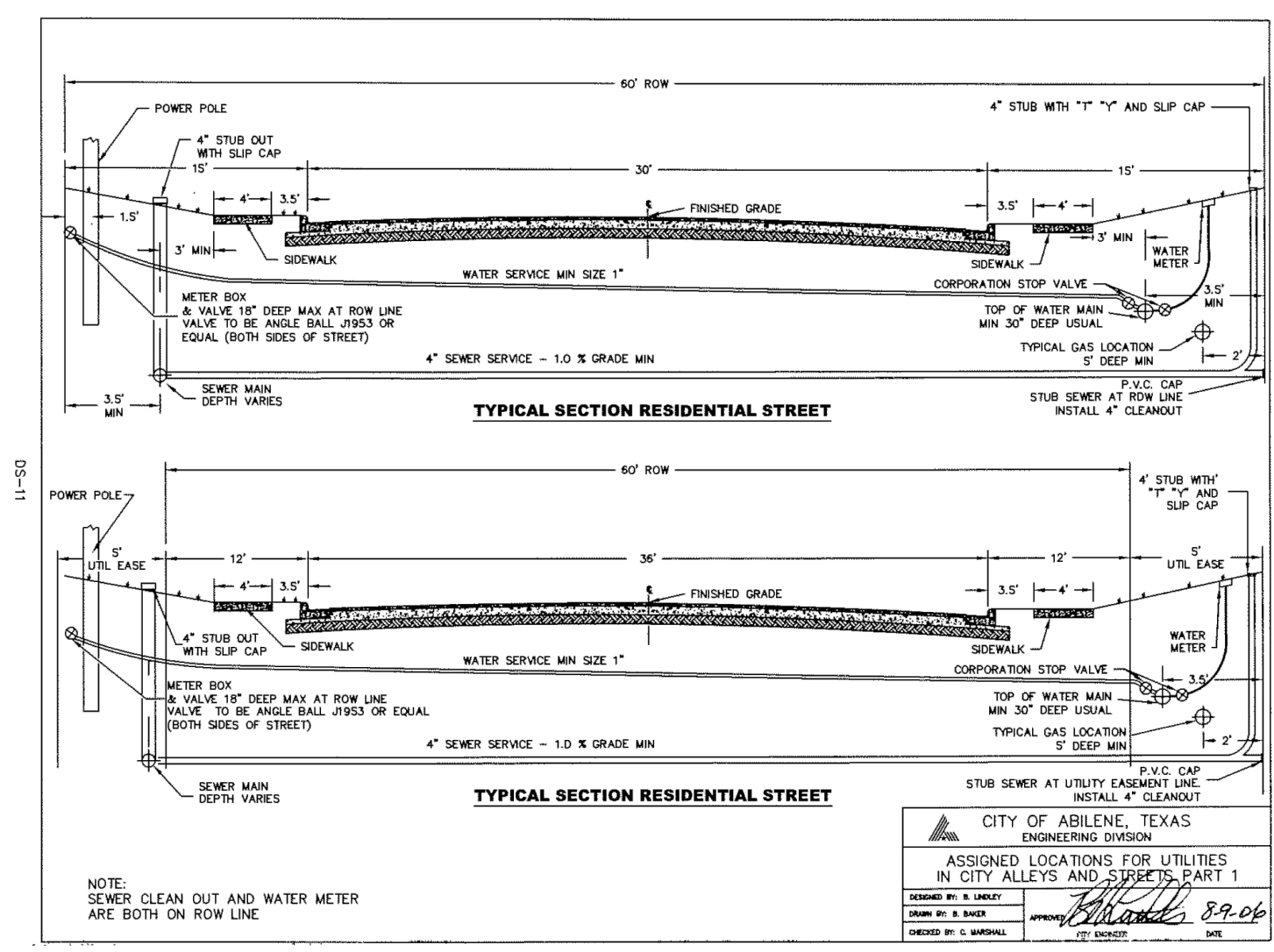
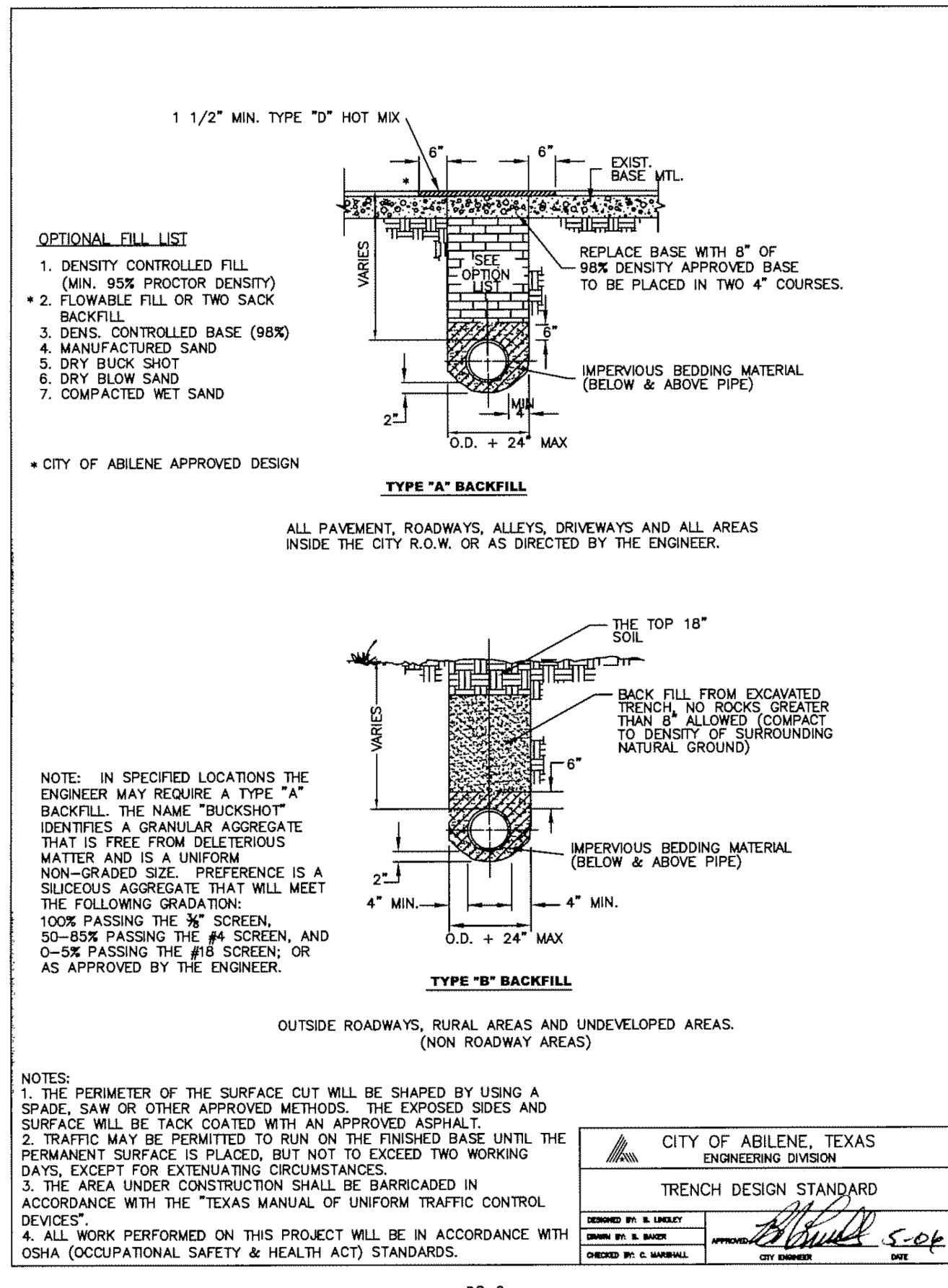


Utility Services
 SCALE: Hor: 1" = 30'



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1. FOR SPACING & SIZING OF COMPONENTS CONSULT OSHA 29 CFR PART 1926 SUBPART P.

3 TYPICAL SHORING DETAIL
SCALE: N.T.S.

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Standard Construction Detail
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SHEET NO.

C300

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DS-9