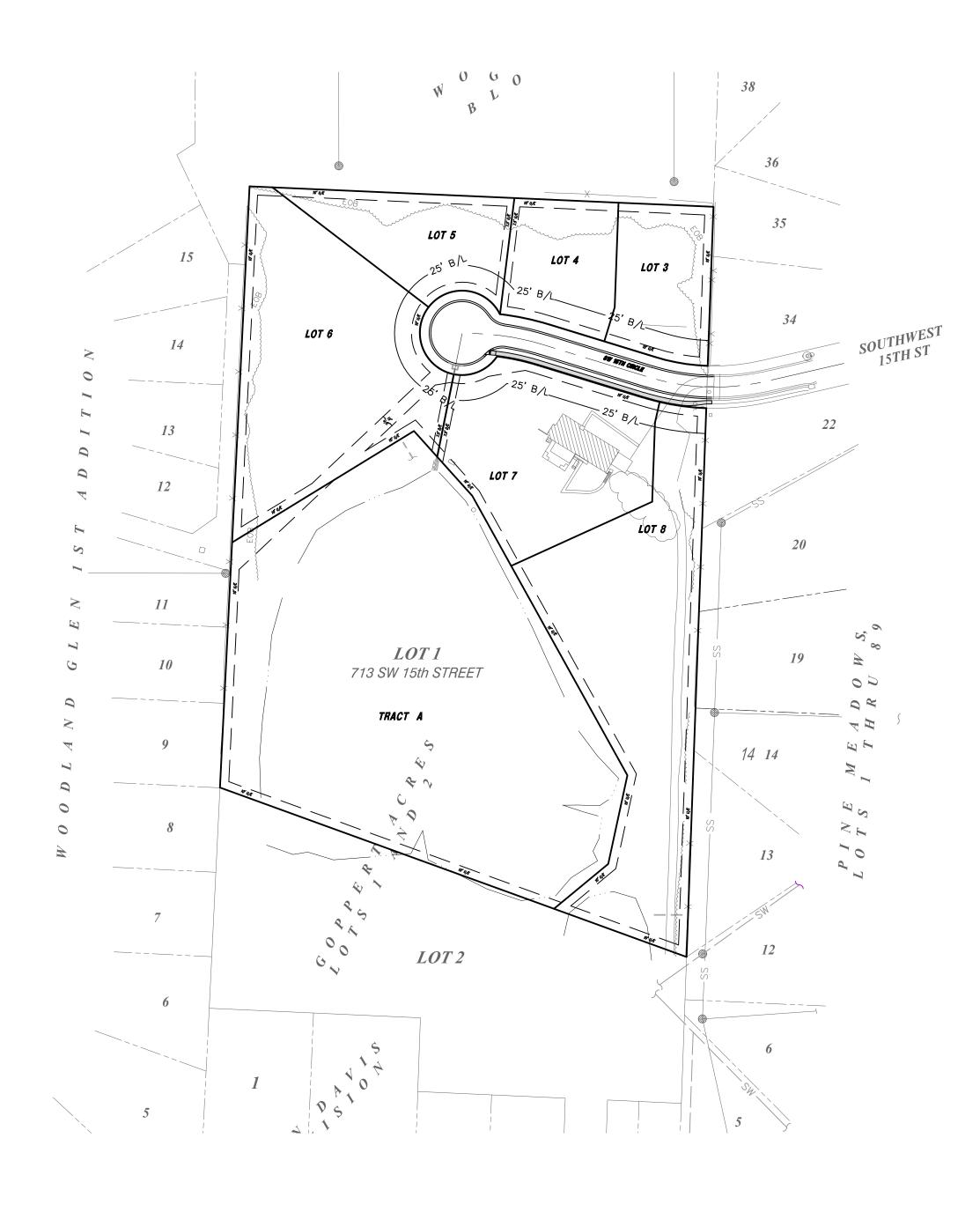
INDEX CIVIL SUBMITTAL

- EAST 15TH STREET STA. 1+57.10 STA. 5+02.12

- 6" WATER LINE STA. 0+00 STA. 3+66

GOPPERT ACRES, 2ND PLAT

LOTS 3 thru 8 and TRACT A LEE'S SUMMIT, JACKSON COUNTY, MISSOURI





UTILITIES

City of Lee's Summit Department of Public Works 220 SE Green Lee's Summit, Mo.

130 SE Hamblen Road Lee's Summit, Mo.

Spire (formerly MGE) 3025 SE Clover Road

500 E. 8th Street Kansas City, MO 64106

New Construction Hotline 866-771-2281

> Missouri One Call 1-800-344-7483

PROJECT BENCHMARK: Steel rod and cap stamped "ET ARCHER" on North West property corner. Elev. = 1020.29

GENERAL NOTES

- 1. The underground utilities shown herein have been plotted from available information and do not necessarily reflect the actual existence, or nonexistence, size, type, number, or locations of these or other utilities. The contractor shall be responsible for verifying the actual locations of all underground utilities, shown or not shown, and said utilities shall be located in the field prior to any grading, excavation, or construction of improvements. These provisions shall in now way absolve any party from complying with the "UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT", Chapter 319, RSMO.
- 2. Gas, Water, and other Utilities shall not conflict with the depth or horizontal location of existing and proposed sanitary and storm sewers, including building laterals.
- 3. The Contractor shall secure all required permits and notify the Development Engineering Inspections of the City of Lee's Summit (816-969-1200) at least 48 hours prior to any construction. 4. Prior to submittal of construction bids, the Contractor shall be required to visit the site to verify existing
- conditions and proposed improvements. 5. All construction materials and methods used shall comply with the latest editions of the City of Lee's Summit
- 8. "Compacted Fill" indicates fill to be placed in accordance with APWA Section 2100 for grading and site preparation, with APWA Section 2200 for street construction (paving), with APWA Section 2500 for sanitary
- sewer construction and with APWA Section 2600 for storm sewer construction unless otherwise noted. 9. The City Standard Drawings are hereby incorporated into and made part of these plans by reference, unless
- 10. Sidewalk in front of all lots installed by Lot Owner unless otherwise noted.
- "DESIGN AND CONSTRUCTION MANUAL" as adopted by City Ordinance NO. 5813. See said Manual for standard 6. The Contractor shall be responsible for notification and coordination with all Utility Companies. 7. The Contractor shall notify the Engineer immediately of any discrepancies in the plans.
- otherwise provided.
- 11. All disturbed areas to be seeded upon completion of construction. 12. ADA sidewalk ramp shall be constructed with the public infrastructure.

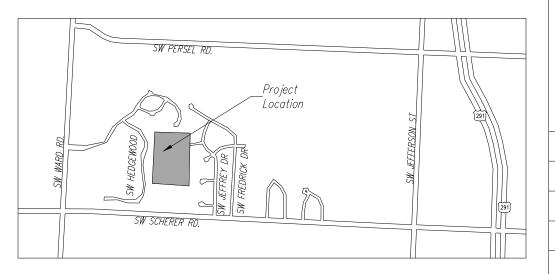
PLANS PREPARED BY HG CONSULT

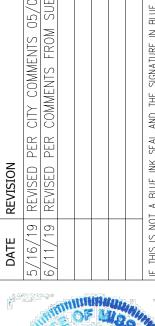
11010 HASKELL ST. #210, KANSAS CITY, KS 66109 CONTACT: KEVIN STERRETT 816-703-7098

PLANS PREPARED FOR DUSTY GOPPERT

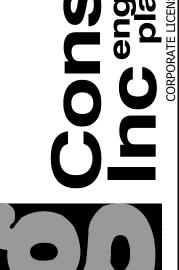
708 SW SCHERER ROAD LEE'S SUMMIT, MO 64081 CONTACT: DUSTY GOPPERT 816-808-8383

VICINITY MAP





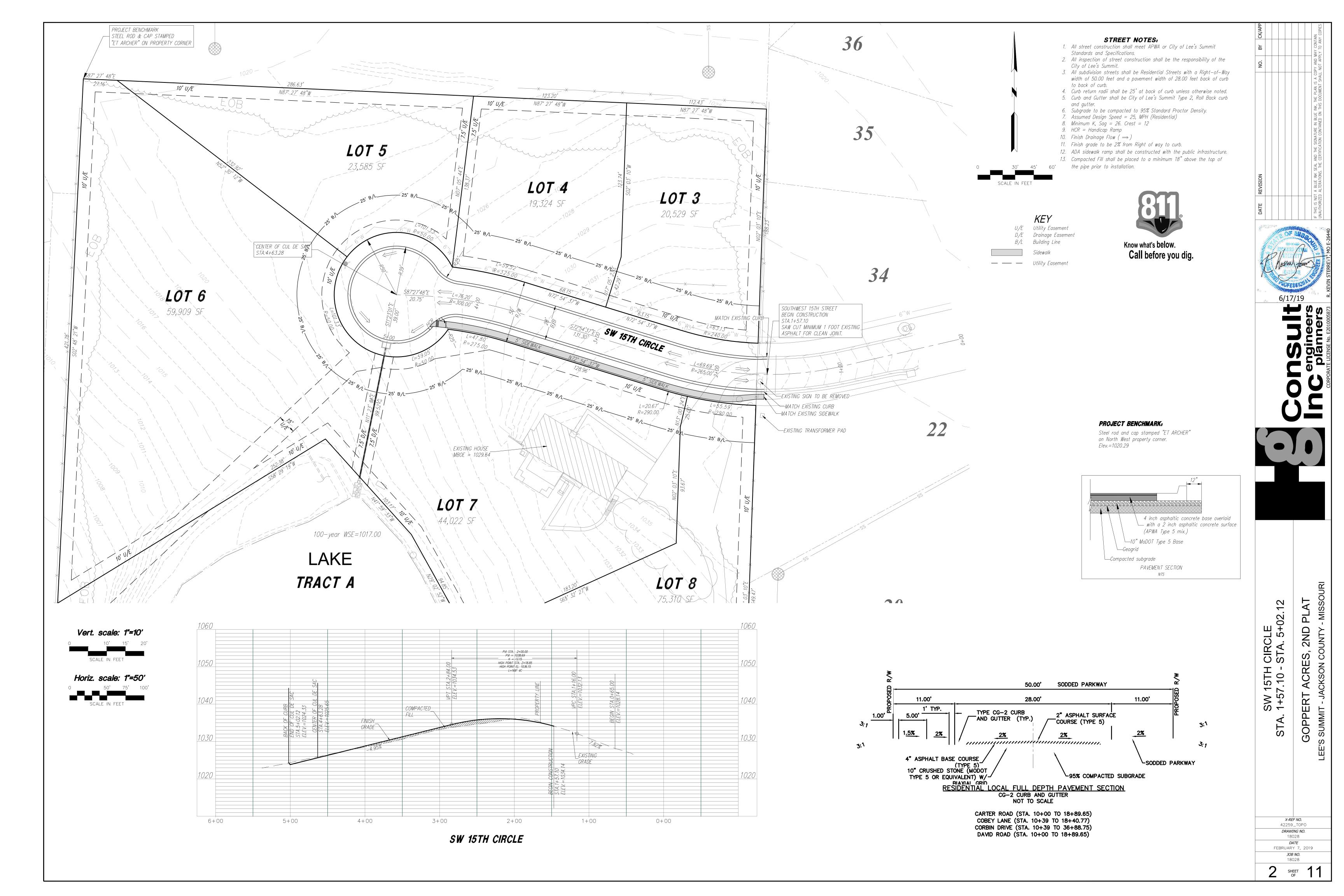


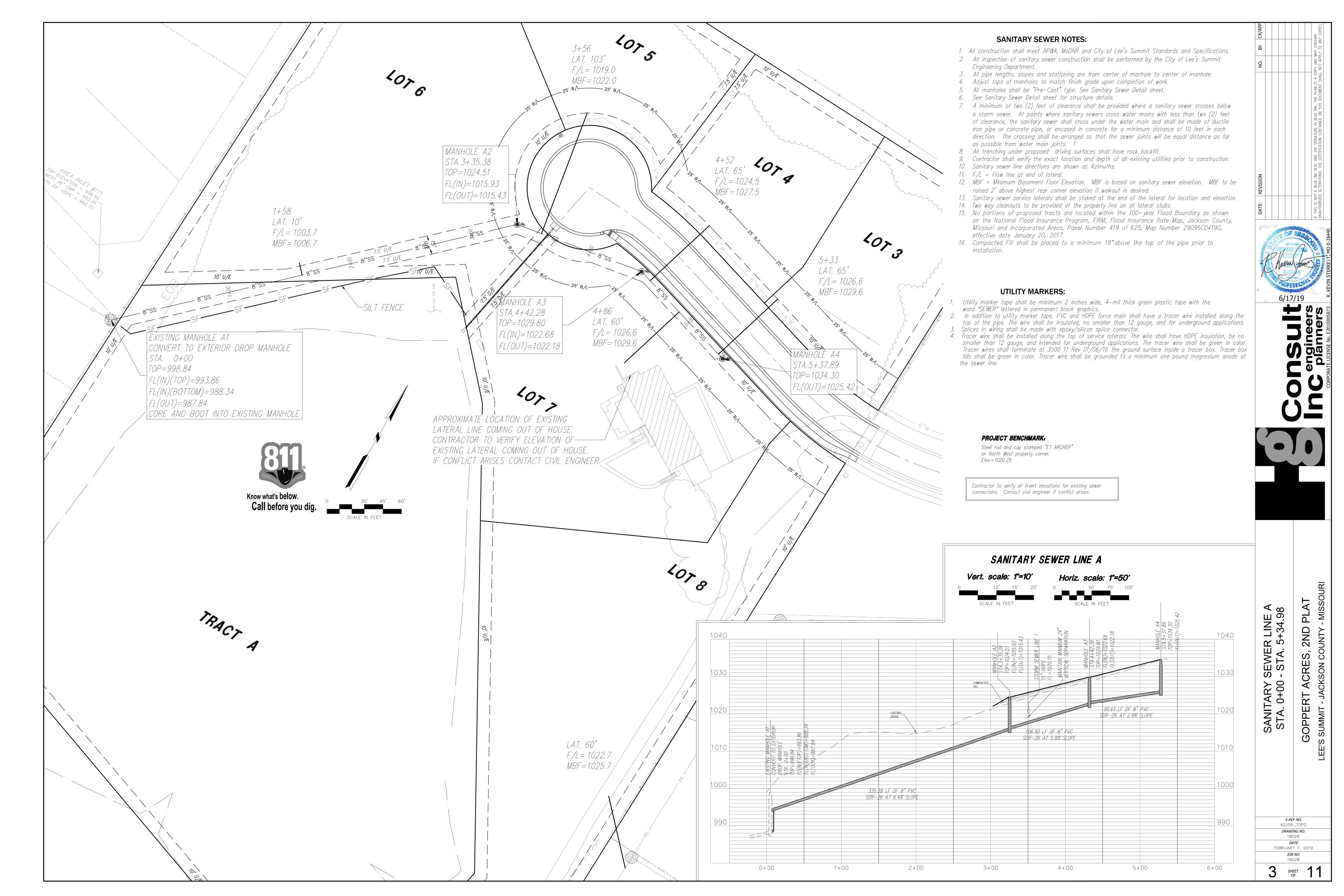


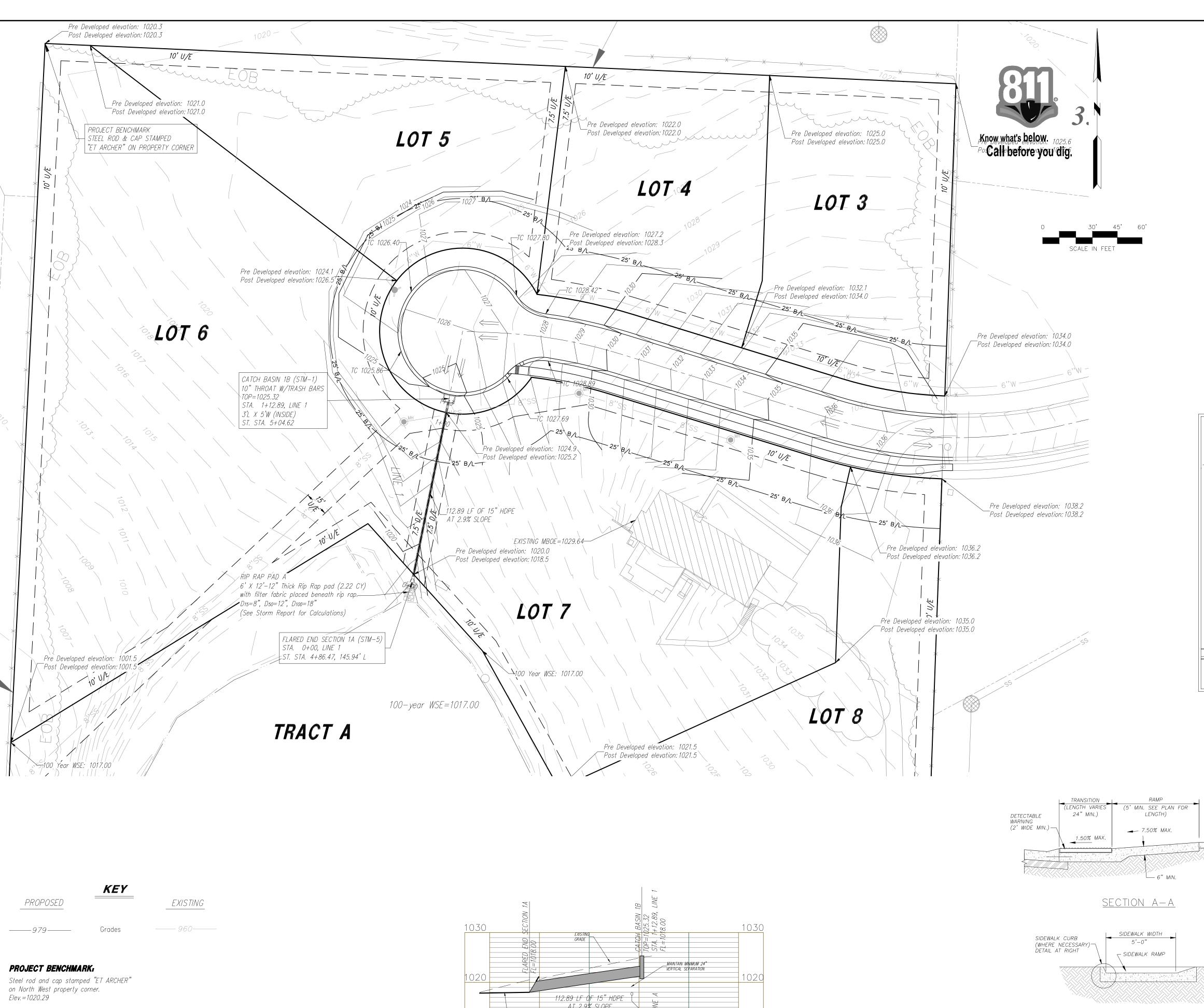


DRAWING NO.

FEBRUARY 7, 2019







0+00

STORM SEWER LINE 1

2+00

Lot Corner Elevations and MBOEs

1025.0 1025.6

-MBOE is based on being 2' minimum above the highest back corner or 2' above the

1027.0 | 1021.0 | 1022.0

8 | 1038.1 | 1036.1 | 1024.0 | 1021.8 | 1019.0

No. | LEFT COR | RIGHT COR | LEFT COR | RIGHT COR |

4 | 1027.0 | 1032.0 | 1022.0 | 1025.0

1025.3 | 1026.5 | 1001.5 | 1021.0

1036.1 1025.3 1021.5 1019.1

-Left and Right is based on facing the lot from the street.

-Lot 7 has an existing house with walkout basement

1034.5

maximum WSE for a walkout basement

1026.5

BASEMENT TYPE

WALKOUT

WALKOUT

WALKOUT

WALKOUT

WALKOUT

WALKOUT

M.B.O.E.

1027.0

1024.0

1019.0

1019.0

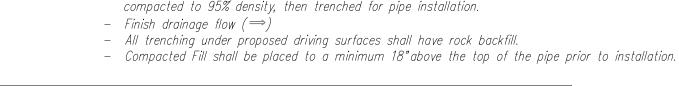
GENERAL NOTES

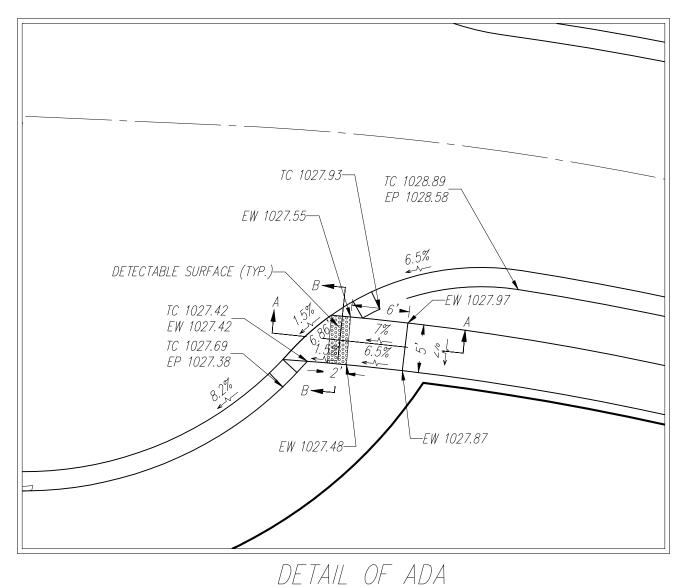
- 1. This sheet is for informational purposes only. See individual sheets for exact utility locations. 2. See Sanitary Sewer sheets and Utility Map for Minimum Basement Floor elevations (MBF) and Minimum Low Opening elevations (MLO).
- 3. Grading plan represents general site grading prior to the development of lots. 4. Existing grades aquired from topographic survey provided by Anderson Surveying. Existing street grades to be verified in field.
- 5. All excess dirt or deficiencies of dirt to be handled on site.
- 6. Tract A shall be "Common Area" to be owned and maintained by the Homeowner's Association. 7. The swales located on or near the lots designated Lots 6 and 7 are to carry excess storm water runoff and shall be maintained by the Owners of said lots. Minimum Low Openings (MLO) of said lots on the swale side of said lots shall be a minimum of one (1) foot above the adjacent top of finish swale elevation unless a higher MLO elevation is required by other restrictions.
- 8. The Minimum Low Opening (MLO) for the front of all lots shall be a minimum of one (1) foot above the top of corresponding curb elevation.

STORM SEWER NOTES:

Alternate" is specified.

- All construction shall meet APWA and City of Lee's Summit Standards and Specifications. - All inspections of storm sewer construction shall be performed by the City of Lee's Summit Development Engineering Inspection (816-969-1200).
- All pipe lengths, slopes and stationing are from center of structure to center of structure.
- Storm Sewer stationing is shown at centerline of inlets. - Curb inlet location point is the centerline of the center of the inlet.
- Seeding, sodding and rip rap shall conform to Kansas City Chapter of APWA, Standard Design Criteria and Specifications.
- Contractor shall verify exact location and depth of all utilities prior to construction. - See Storm Sewer Detail Sheet for structure details.
- HDPE shall be smooth interior, corrugated exterior, high density polyethelyne storm sewer pipe with a minimum Manning's "n" value of 0.011. Alternate shall be any other storm sewer piping with a minimum Manning's value of 0.011 as approved by the City, unless "No
- Areas with less than eighteen (18) inches of depth from the proposed top of pipe to finish grade shall be filled to an elevation of eighteen (18) inches above the proposed top of pipe, compacted to 95% density, then trenched for pipe installation.





SIDEWALK RAMP

1"=10' **GRADING AND DRAINAGE NOTES:**

Information pertaining to under ground utilities was obtained from available records and field locations when possible, but the contractor must determine the exact location and elevation of all existing utilities by digging test pits by hand at all utility crossings in advance of machine trenching. If clearances are less than specified on these plans or 24", which ever is less, contact the Engineer and the Owner/ Developer prior to proceeding with construction. All structures located within Right Of Way or otherwise noted on the these plans shall be constructed per City Standards If structure(s) are not prototypical or construction cannot be achieved contractor shall submit shop drawing to HG Consult, for review and approval. Contractor shall be responsible for relocation or removal of existing underground utilities shown or not shown at no additional cost to the owner.

Contractor shall coordinate with utility companies on adjusting existing utility line as required by cut and fill at no additional cost to the owner. Contractor shall be held responsible for the design and implementation of sheeting, shoring, bracing and special excavation measures required to meet OSHA, Federal, State and Local regulations pursuant to the installation of the work indicated on these drawings. All disturbed areas and slopes shall be graded smooth and (4") of top soil applied. The area shall be seeded and watered until hardy grass growth has been established.

Storm drain pipe bedding shall be installed per APWA, section 2100. Elevations are called out to top of curb, top of pavement, or top of structure, unless otherwise noted. All curb shall be CG-1.

Clear and grub areas to be filled, remove trees, vegetation, roots, or other debris, and other materials that would affect the stability of the fill. Ensure that fill material is free of brush, rubbish, rocks, logs, stumps, building debris, and other materials inappropriate for constructing stable fills.

Permanently stabilize all graded areas after final grading is completed on each area of the grading plan. apply temporary stabilization measures on all graded areas when work is to be interrupted or delayed (see Erosion Control Plan(s).

Do not incorporate frozen material or soft, muck, or highly compressible materials into fill

Contractor shall match top of proposed drainage structures with proposed grades. if a discrepancy occurs between proposed grades and proposed structure tops, the grading shall govern. if the discrepancy is more than 4 inches the contractor shall contact the Engineer

All utilities, including storm sewer, shown within public easements or right of ways shall be constructed to the governing agency's specifications. All other utilities shall be constructed to the client's or the governing agency's specifications, whichever is more stringent, if there is a question as to which specifications should apply the contractor shall contact the

Engineer of Record. All existing structures, unless otherwise noted to remain. all fencing, trees, & etc., within construction area shall be removed & disposed of off site. unless otherwise noted. any burning on site shall be subject to local ordinances and/or the owner/developers standards and specifications.

All drainage structures shall be pre-cast. All drainage structures and storm sewer pipes shall meet heavy duty traffic (H20) loading and be installed accordingly. Contractor shall notify all utility companies having underground utilities on site or in

right-of-way prior to excavation. Contractor shall contact utility locating company (STATE ONE CALL system) and locate all utilities prior to grading start. Site grading shall not proceed until Erosion Control measures have been installed. After permits have been obtained and Erosion Control measures installed, the contractor

42259_TOPO DRAWING NO. 18028 FEBRUARY 7, 2019 JOB NO.

PLAT

2ND

ACRES,

GOPPERT

AND

GRADING I

SECTION C-C

<u>SECTION B-B</u>

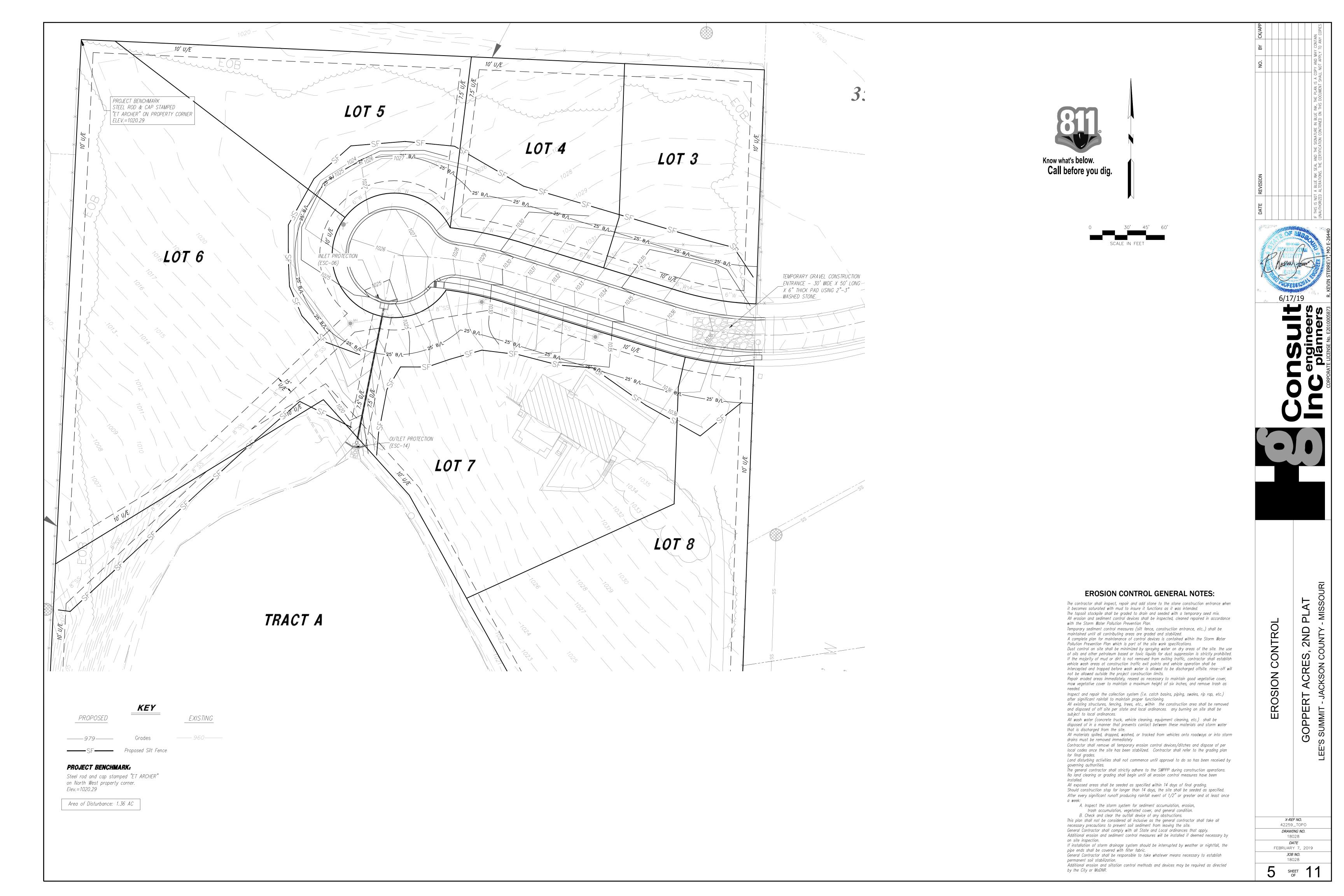
TRANSITION OPENING

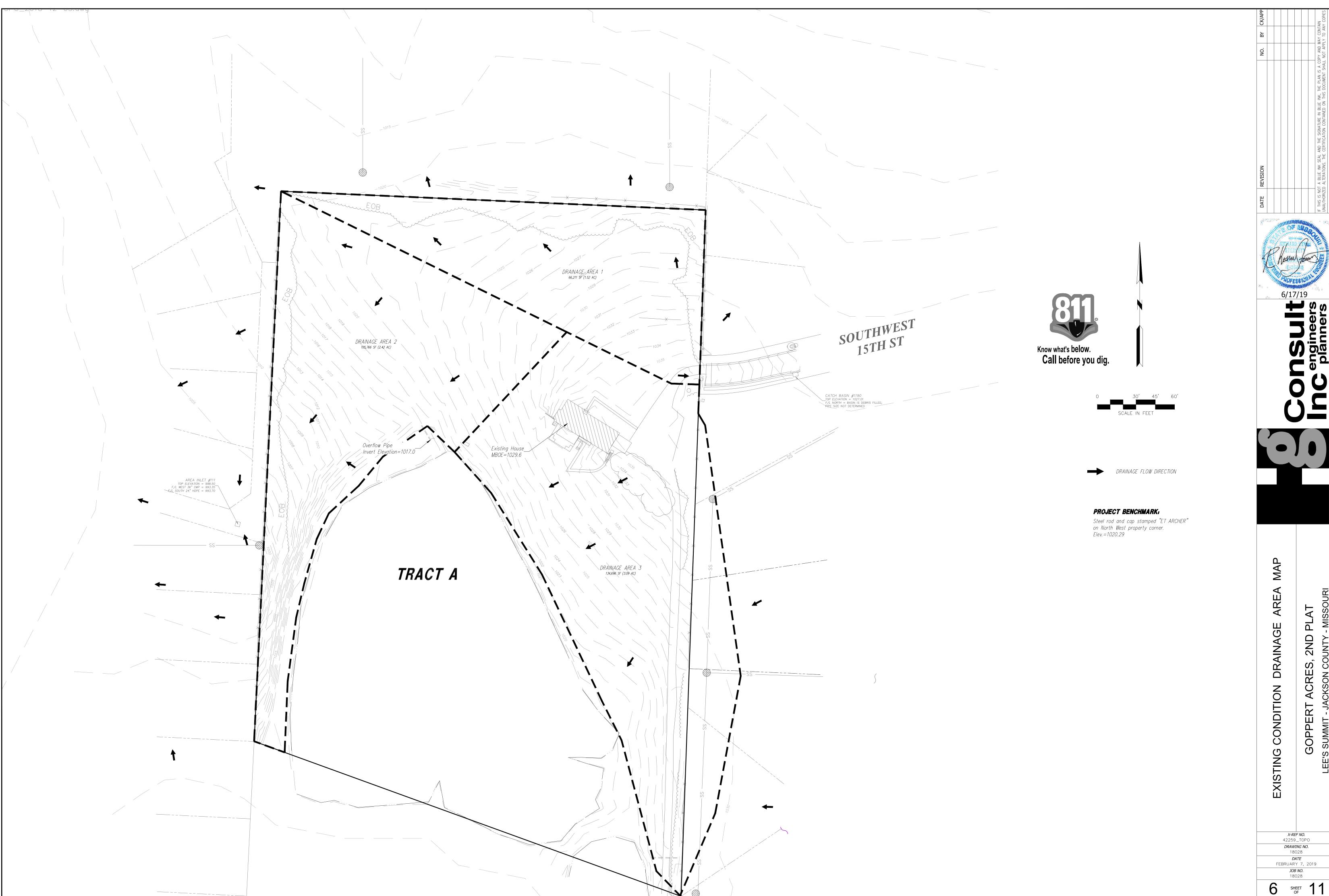
- SIDEWALK TRANSITION

SIDEWALK CURB

Shall grade building pad & aprons to 0" to -1/2" of subgrade.

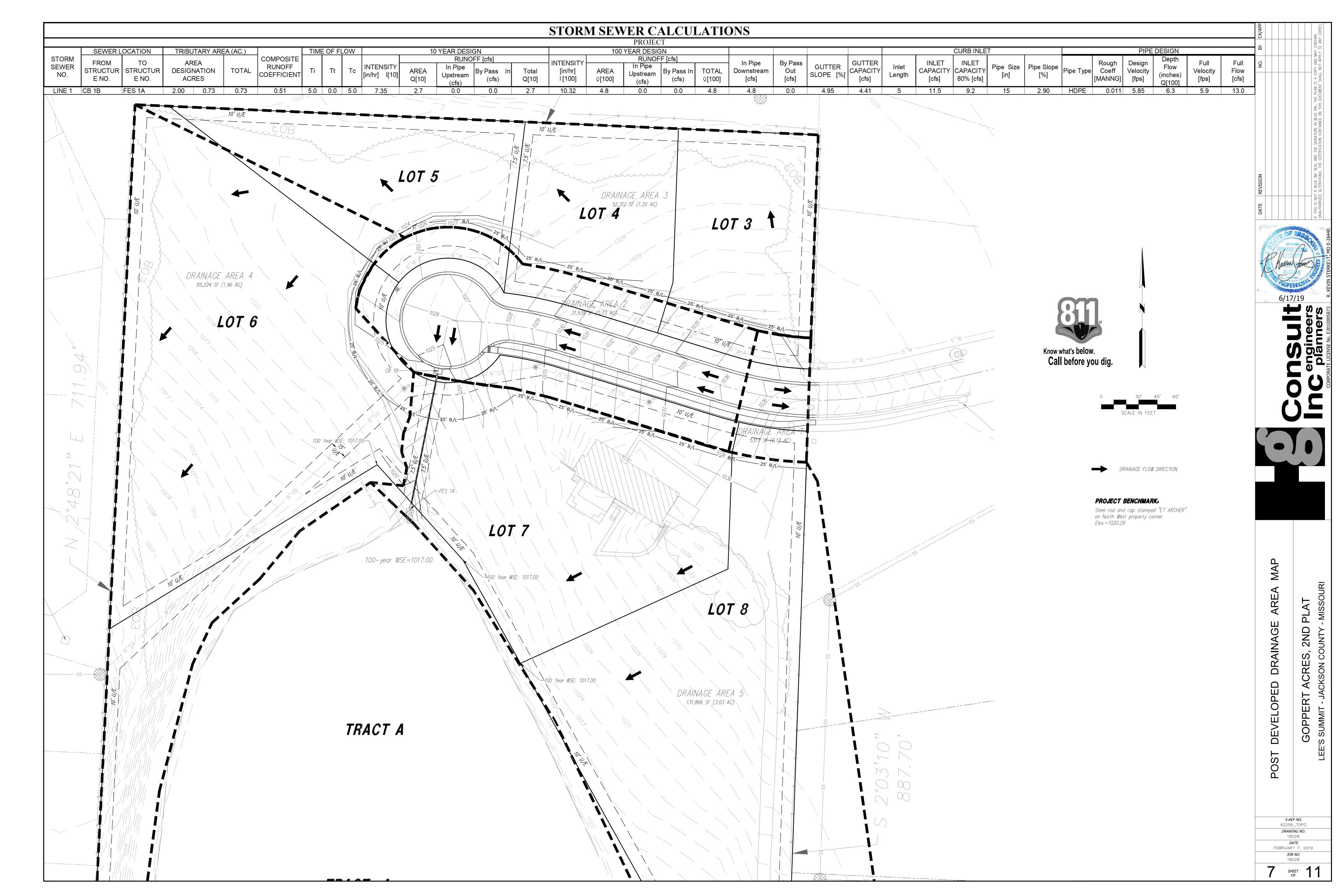
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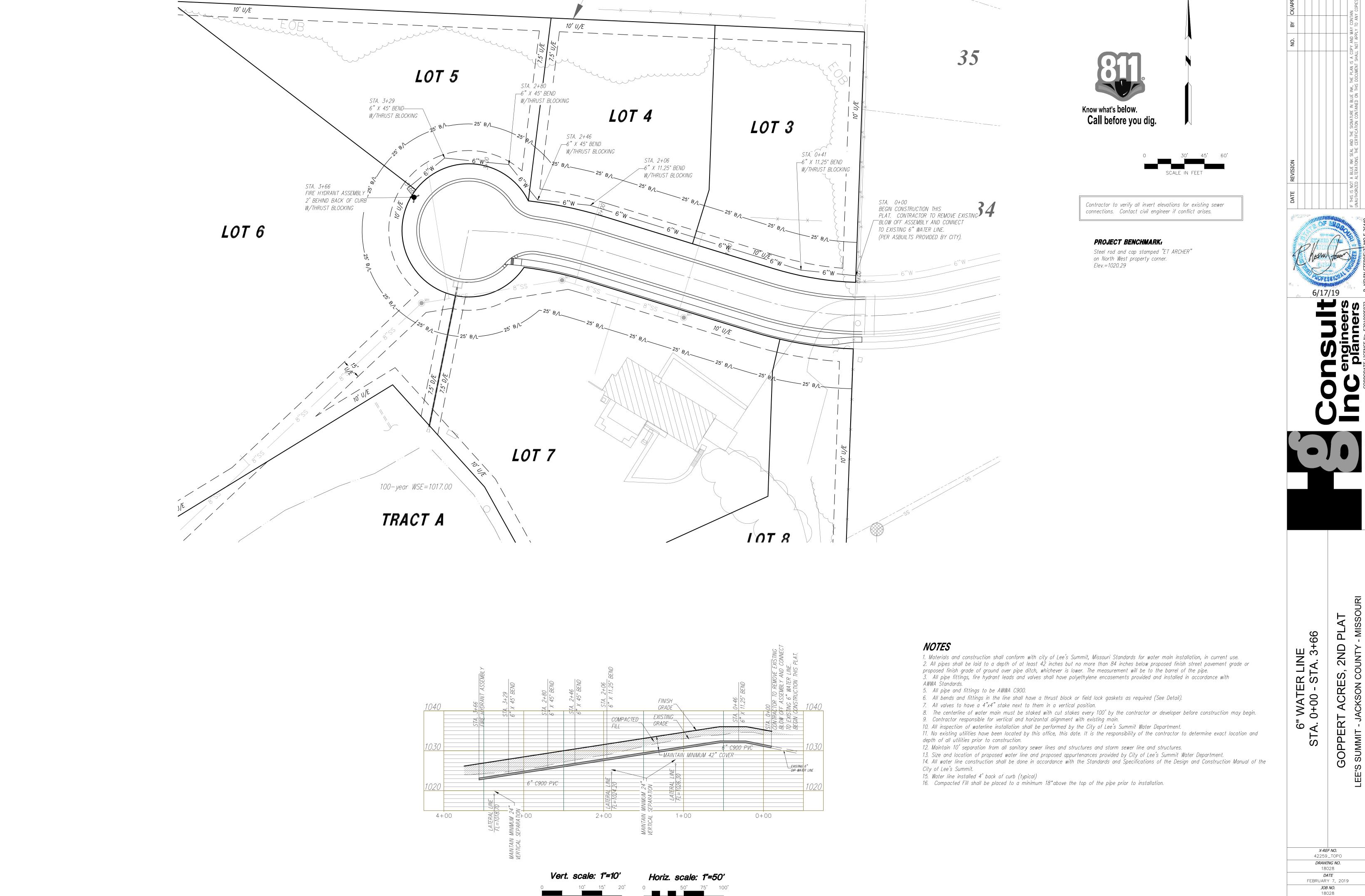










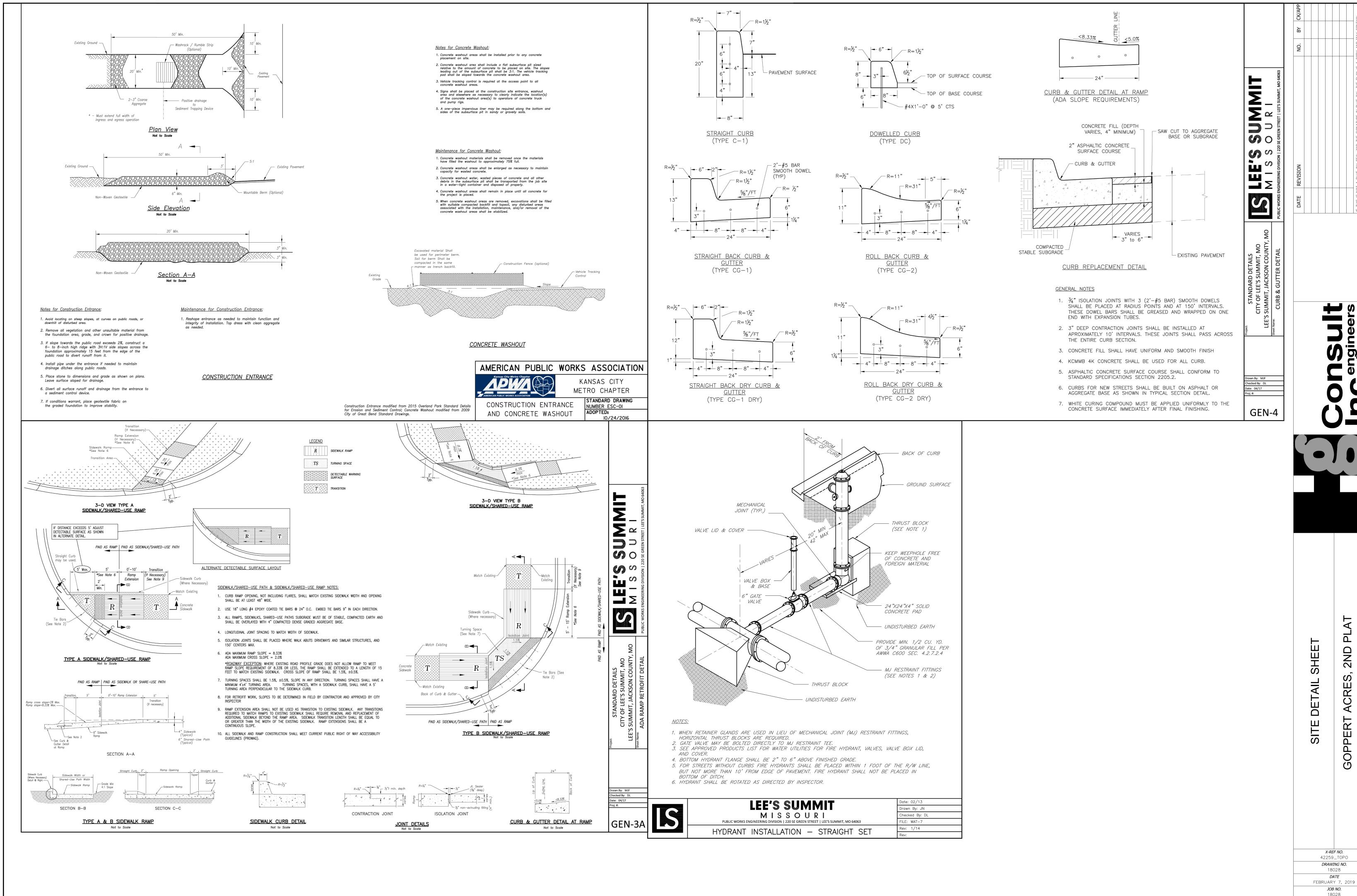




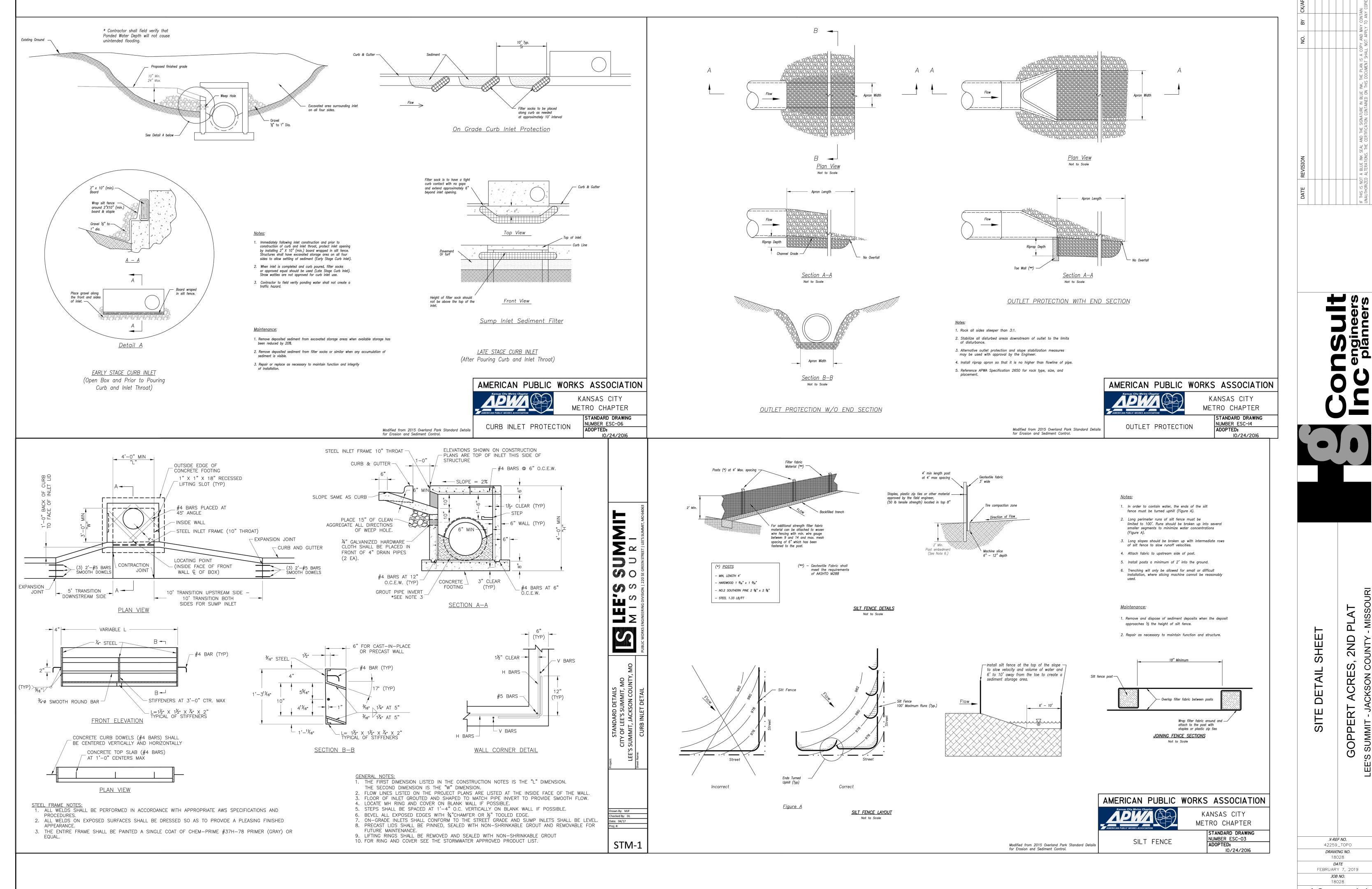
ACRES, 2 GOPPERT,

42259_TOPO DRAWING NO. 18028 FEBRUARY 7, 2019

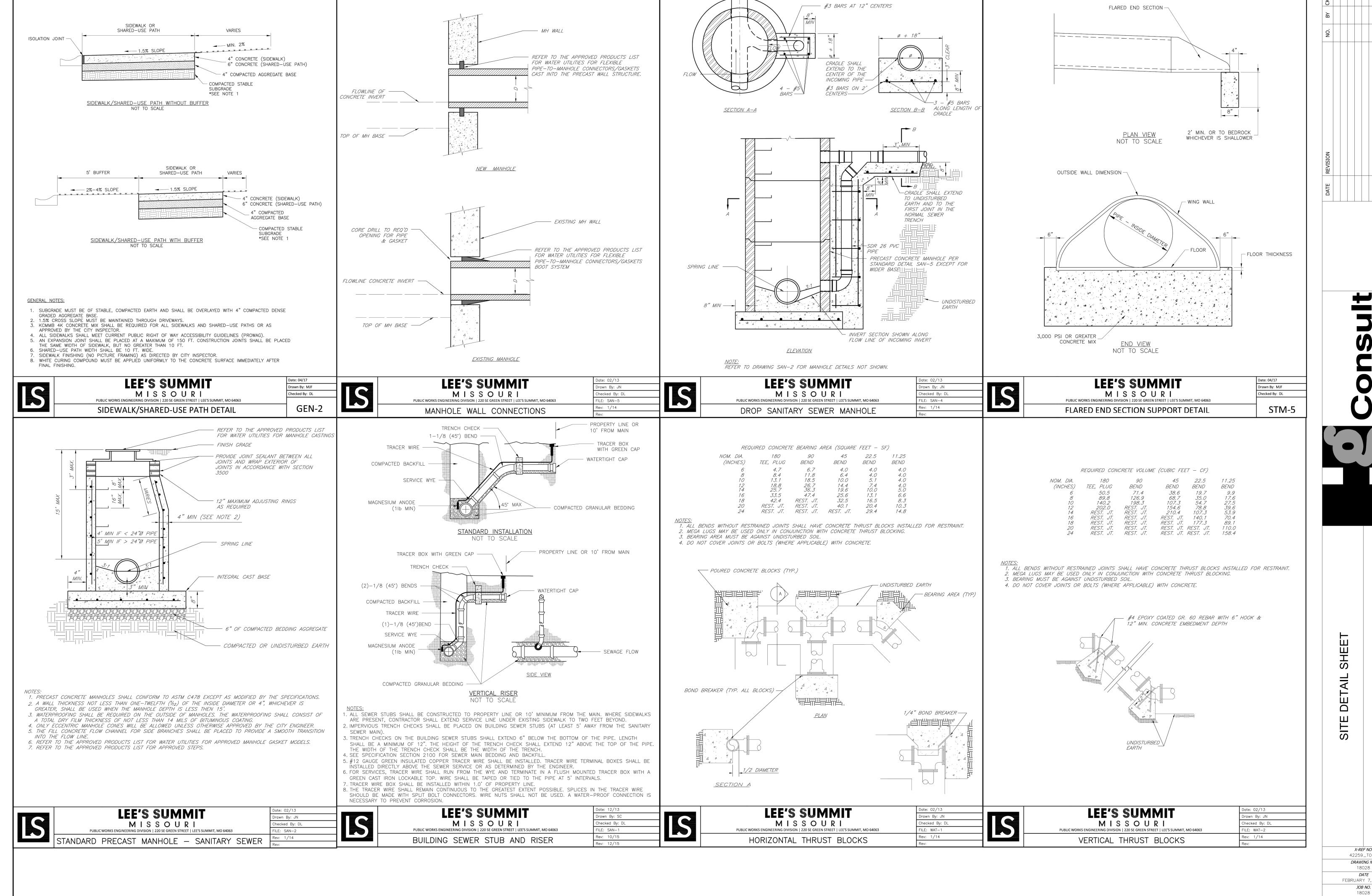
8 SHEET 11

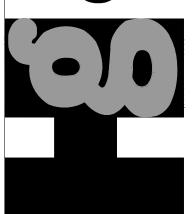


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10 SHEET OF





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42259_TOPO DRAWING NO. 18028 FEBRUARY 7, 2019

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