SEE SHEET

- 2. ALL UTILITY PIPE BEDDING SHALL BE COMPACTED SAND OR FINE GRANULAR MATERIAL, MEETING CITY DESIGN GUIDELINES AND DETAILS. ALL COMPACTION SHALL BE PERFORMED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS.
- 3. ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE PERFORMED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS.
- 4. ALL SANITARY SEWER AND WATER SERVICES SHALL TERMINATE 5' FROM THE BUILDING FACE UNLESS OTHERWISE NOTED.
- 5. A MINIMUM OF 18 INCHES OF VERTICAL SEPARATION AND 10 FEET OF HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATERMAIN AND ALL OTHER UTILITIES UNLESS OTHERWISE NOTED.
- 6. ALL NEW WATERMAIN AND SERVICES MUST HAVE A MINIMUM OF 4.0 FEET AND A MAXIMUM OF 5.0 FEET OF COVER.
- 7. SEPARATION OF PUBLIC WATER AND WASTEWATER MAINS WILL BE CONSISTENT WITH THE CURRENT RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS OF THE TCEQ.
- 8. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO ANY WATER SHUT OFF OR TURN ON THAT WILL AFFECT A PUBLIC WATER SYSTEM. 72 HOURS NOTICE SHALL BE REQUIRED FOR SCHEDULED WATER SHUT-DOWNS.
- 9. THE CONTRACTOR SHALL NOTIFY THE CITY OF BRYAN WATER SERVICES 48 HOURS PRIOR TO CONNECTING TO EXISTING WATERLINES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL EXISTING PAVEMENTS, CURBS, DRIVEWAYS, SIDEWALKS, ROADWAYS, AND MISCELLANEOUS ITEMS WHERE REQUIRED TO COMPLETE CONSTRUCTION.
- 11. ANY DEWATERING OF THE TRENCH FOR UTILITY INSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 12. INSTALLATION OF ANY PIPE WITHIN 4.0 FEET OF THE BACK OF CURB OR EDGE OF PAVEMENT SHALL REQUIRE THE SAME BACKFILL AS INSTALLATION BENEATH PAVEMENTS.
- 13. CLOSED TRENCHES WITHIN THE ROADWAY LIMITS SHALL BE MADE SUITABLE FOR TRAFFIC USE DURING NON-WORKING HOURS. IN THE AREA OF THE TRENCH REMAINING OPEN, THE CONTRACTOR SHALL PROVIDE TWO TRAFFIC LANES (24 FEET), AND TRAFFIC CONTROL DEVICES IN SUCH A MANNER AS TO PROVIDE SAFE TRAFFIC CONDITIONS.
- 14. THE CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING CONNECTIONS AT ALL TIME DURING CONSTRUCTION. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING CONNECTIONS IN THE FIELD.
- 15. ALL DIP FITTINGS SHALL BE NEW AND SHALL BE NORTH AMERICAN FABRICATED.
- 16. THE CONTRACTOR SHALL COORDINATE OPENING OR CLOSING OF WATER VALVES WITH THE CITY OF BRYAN WATER SERVICES AND/OR ENGINEER.
- 17. THE CONTRACTOR SHALL OBTAIN A TEMPORARY CONSTRUCTION WATER METER WITH BACKFLOW PREVENTION FROM THE PUBLIC WATER SERVICE OWNER. THE WATER CONSUMPTION, DEPOSIT, REPAIR, COSTS, ETC. SHALL BE CONSIDERED SUBSIDIARY TO THE CONSTRUCTION OF THE WATERMAIN FOR THE PROJECT.
- 18. CONTRACTOR SHALL HYDROSTATICALLY TEST ALL WATERMAINS IN ACCORDANCE WITH CITY REQUIREMENTS.
- 19. CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE PRIOR TO COMPLETING DISINFECTION, DECHLORINATION, OR PRESSURE TESTING.
- 20. ALL WATER LINES SHALL BE COMPLETE IN PLACE, INCLUDING ALL BENDS, THRUST BLOCKS, FITTINGS, SERVICES AND APPURTENANCES. BEFORE PRESSURE TESTING.
- 21. ALL FIRE HYDRANTS SHALL BE LOCATED A MINIMUM OF 3 FEET AND A MAXIMUM OF 15 FEET BEHIND BACK OF CURB.
- 22. TEMPORARY SERVICE: THE CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE IF SERVICE CANNOT BE RESTORED SAME DAY. MATERIALS:

WATERMAIN: PVC C900
TYPE K COPPER
SANITARY SEWER: PVC SDR 26

23. ALL UTILITY WORK SHALL BE COORDINATED WITH UTILITIES FOR THE REHABILITATION PROJECT FOR THE PROPERTY.

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LOUCKS FIRM NO. F-20662

PROJECT TITLE
SANDY CREEK
APARTMENTS

ISSUE # DATE DESCRIPTION

1 03/22/2022 SITE PLAN SUBMITTAL

CERTIFICATION

CONSTRUCTION

DRAWN BY	JBT
CHECKED BY	SRT
COMMISSION NUMBER	XXXX-XXX

SHEET TITLE

OVERALL SANITARY
SANITARY &
WATERMAIN PLAN

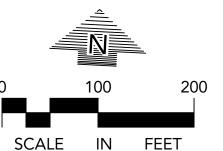
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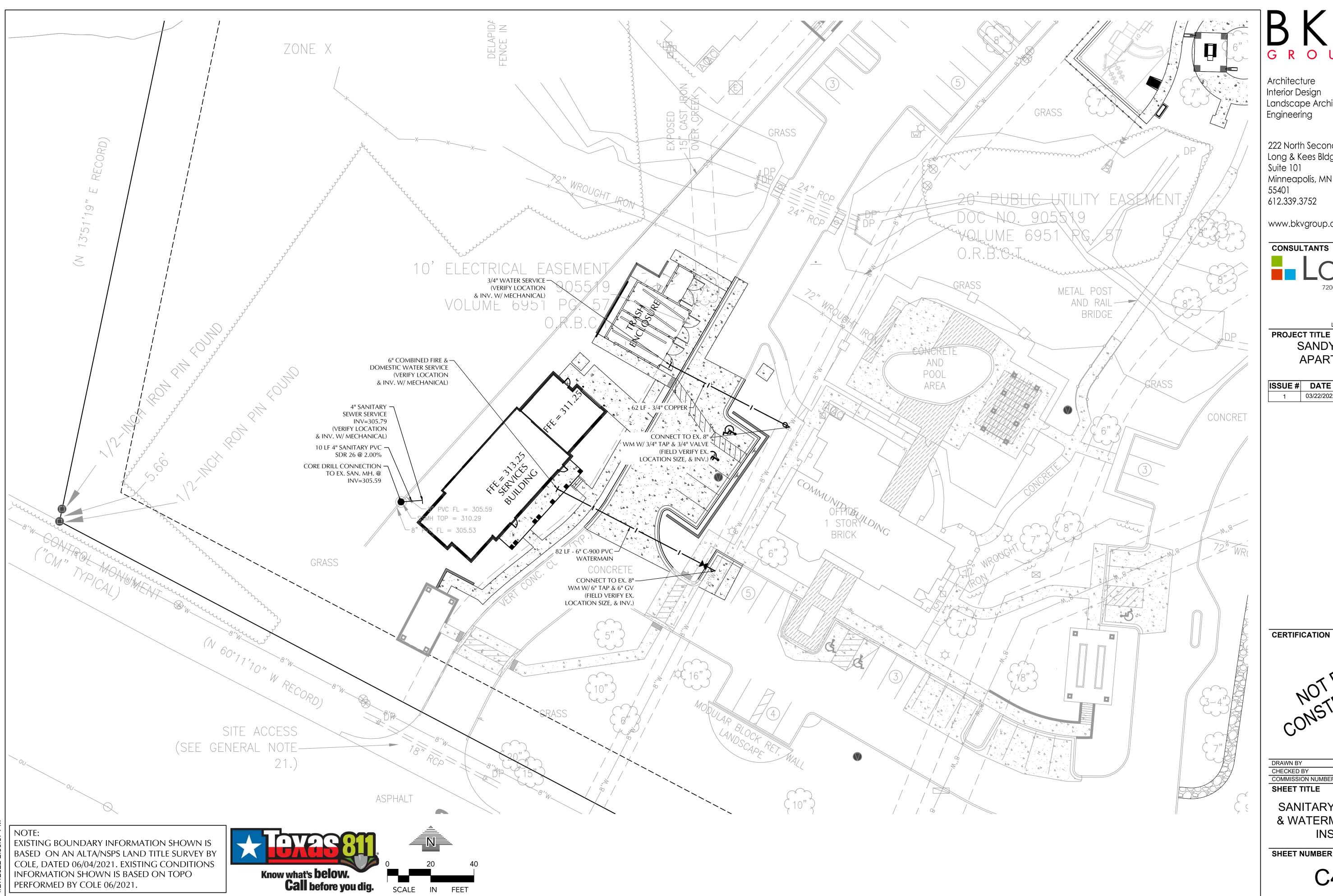
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SANITARY SANITARY & WATERMAIN PLAN -

INSET 1

SHEET NUMBER

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SHEET TITLE

SANITARY SANITARY & WATERMAIN PLAN -INSET 2

SHEET NUMBER

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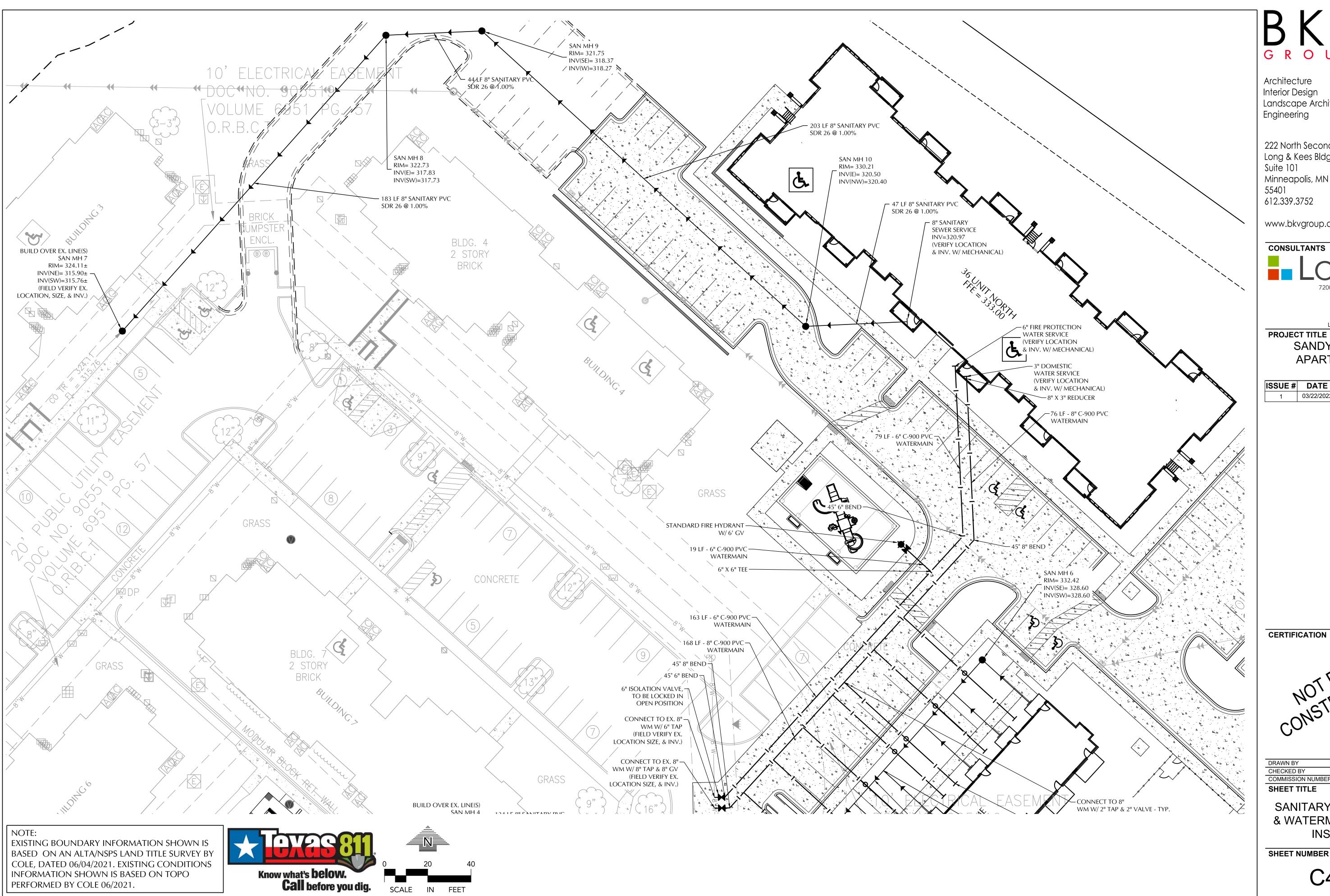
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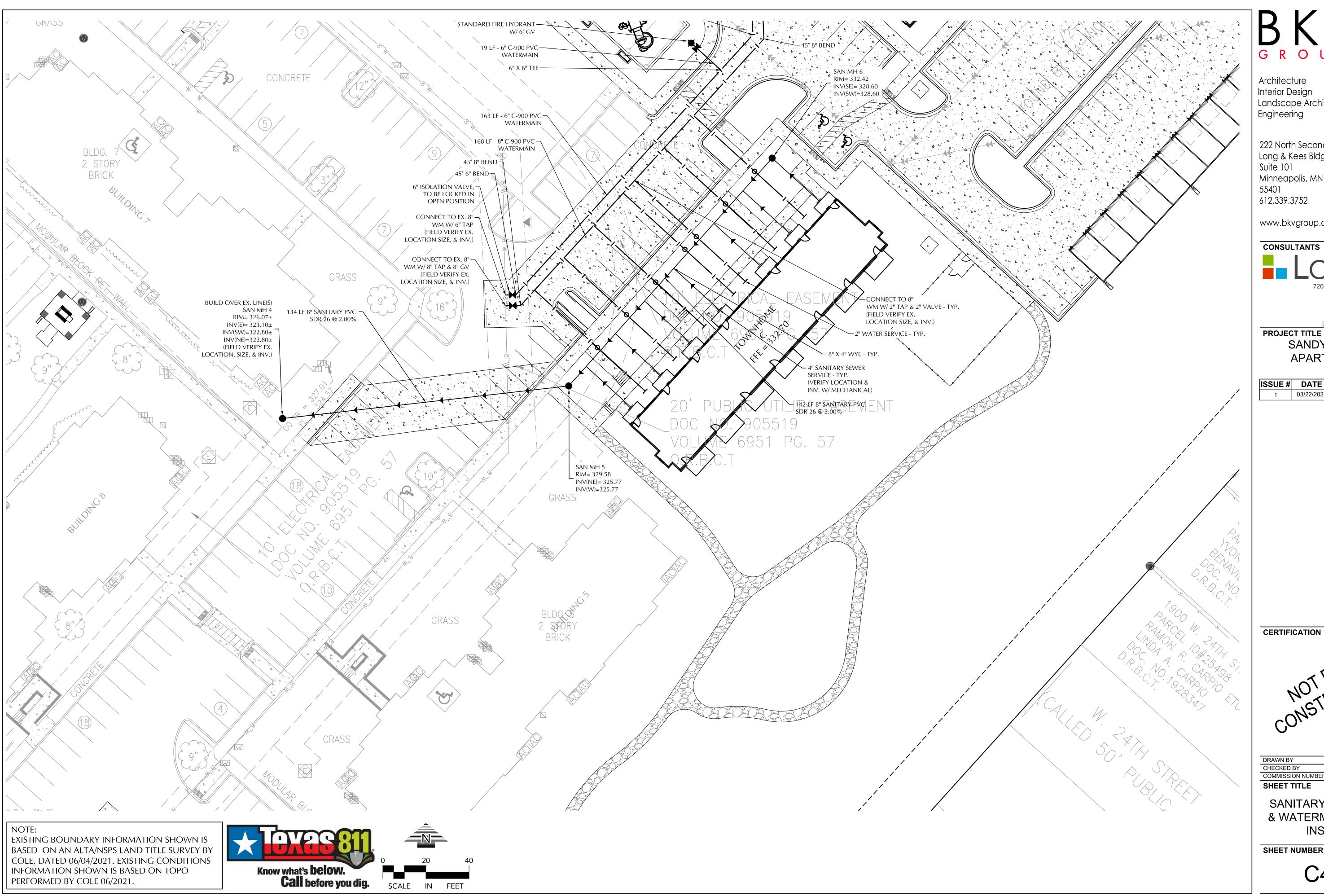
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SHEET TITLE

SANITARY SANITARY & WATERMAIN PLAN -INSET 3

SHEET NUMBER



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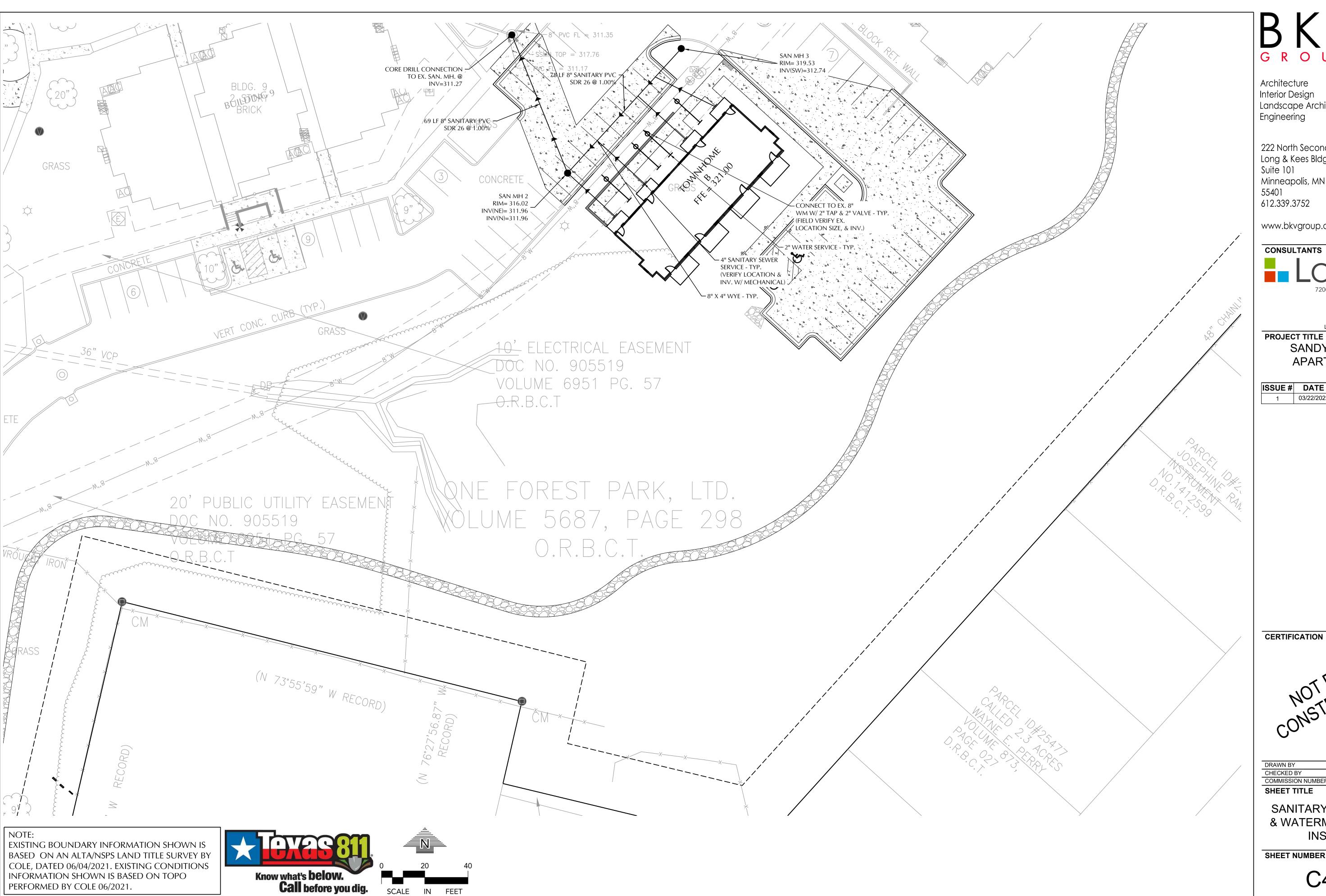
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SHEET TITLE

SANITARY SANITARY & WATERMAIN PLAN -INSET 4

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SHEET TITLE

SANITARY SANITARY & WATERMAIN PLAN -INSET 5

SHEET NUMBER

SURVEY LEGEND **LEGEND** PROPOSED BENCHMARK • UTILITY POLE CATCH BASIN (L=LIGHT T=TRANSFORMER) FOUND IRON PIPE STORM MANHOLE FOUND IRON ROD - GUY WIRE FLARED END SECTION O CURB INLET FOUND CROSS SANITARY MANHOLE FOUND ANCHOR GRATED INLET HYDRANT FOUND COTTON PICKER SPINDLE (O) | STORM MANHOLE GATE VALVE AREA INLET POST INDICATOR VALVE GRATE MANHOLE X | CURB CUTS WATER MANHOLE / WELL LIGHT POLE CM | CONTROLLING MONUMENT FLARED END SECTION POWER POLE DP DRAINAGE PIPE ELECTRIC METER SCB SPRINKLER CONTROL BOX ODS DOWN SPOUT GAS METER (S) | SANITARY MANHOLE (W) WATER MANHOLE TELEPHONE PEDESTAL CLEANOUT FIRE HYDRANT SIGN X) WATER VALVE UNKNOWN MANHOLE BENCHMARK WATER METER YARD DRAIN SOIL BORING FCT WATER FAUCET POLYVINYL CHLORIDE PIPE PARKING STALL COUNT ACCESSIBLE PARKING STALL CMP | CORRUGATED METAL PIPE STORM SEWER HANDICAP STRIPING DRAINTILE PARKING STALLS SANITARY SEWER CABLE SPLICE BOX PULL BOX: EPB=ELECTRIC FOPB=FIBEROPTIC FORCEMAIN COMMUNICATION MANHOLE TSPB=TRAFFIC WATERMAIN TPB=COMMUNICATION COMMUNICATION SPLICE BOX SANITARY SEWER SERVICE TRAFFIC SIGNAL POLE WATER SERVICE TRAFFIC MANHOLE UNDERGROUND ELECTRIC TRAFFIC CONTROL BOX UNDERGROUND FIBER OPTIC PM PARKING METER UNDERGROUND GAS UNDERGROUND TELEPHONE GCB GATE CONTROL BOX OVERHEAD UTILITY DOUBLE POST SIGN PROPERTY BOUNDARY FENCE MAILBOX ---X--- FENCE LINE CHAIN LINK FENCE X | LIGHT STANDARD === | SANITARY SEWER CONCRETE CURB YARD LIGHT === STORM SEWER RETAINING WALL ELECTRIC METER CONCRETE ELECTRIC BOX - UE ---- | ELECTRIC LINE (UNDERGROUND) NO PARKING ELECTRIC MANHOLE BUILDING CONTOUR ELECTRIC TRANSFORMER -ou---- OVERHEAD UTILITY $\times^{972.5}$ SPOT ELEVATION ■ ELECTRIC OUTLET G - GAS LINE (UNDERGROUND) DIRECTION OF FLOW AC AIR CONDITIONING UNIT — UT — | TELEPHONE LINE (UNDERGROUND)

STORM SEWER NOTESI

TREE LINE

PARKING SETBACK LINE **BUILDING SETBACK LINE**

HANDRAIL

1. ALL STORM SEWER SHALL BE FURNISHED AND INSTALLED PER THE REQUIREMENTS OF THE BRYAN/COLLEGE STATION UNIFIED DESIGN

—FO—— FIBER OPTIC LINE (UNDERGROUND)

2. ALL UTILITY PIPE BEDDING SHALL BE COMPACTED SAND OR FINE GRANULAR MATERIAL, MEETING CITY DESIGN GUIDELINES AND DETAILS. ALL COMPACTION SHALL BE PERFORMED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS.

LANDSCAPING

- 3. ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE PERFORMED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO ANY WORK WITHIN THE PUBLIC RIGHT OF WAY, OR WORK IMPACTING PUBLIC UTILITIES.
- 4. ALL STORM SEWER SERVICES SHALL TERMINATE 5' FROM THE BUILDING FACE UNLESS OTHERWISE NOTED.
- 5. A MINIMUM OF 6 INCHES CLEARANCE SHALL BE PROVIDED AT ALL WATERMAIN CROSSINGS.

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----BSBL-----

- 6. THE CONTRACTOR SHALL PROTECT ALL EXISTING DRAINAGE PATTERNS, STORM STRUCTURES, AND STORM PIPE, UNLESS OTHERWISE
- 7. THE CONTRACTOR SHALL PROPERLY BACKFILL AND COMPACT ALL OUTFALLS AND REGRADE, RESEED, AND FERTILIZE ALL DISTURBED AREAS WITHIN 10 DAYS OF EACH OCCURRENCE.
- 8. STORM SEWER MATERIALS: REINFORCED CONCRETE PIPE PERFORATED PVC
- 9. ALL STORM SEWER WORK SHALL BE COORDINATED WITH STORM SEWER FOR THE REHABILITATION PROJECT FOR THE PROPERTY.

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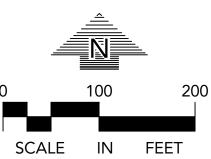
SHEET TITLE

OVERALL STORM SEWER PLAN

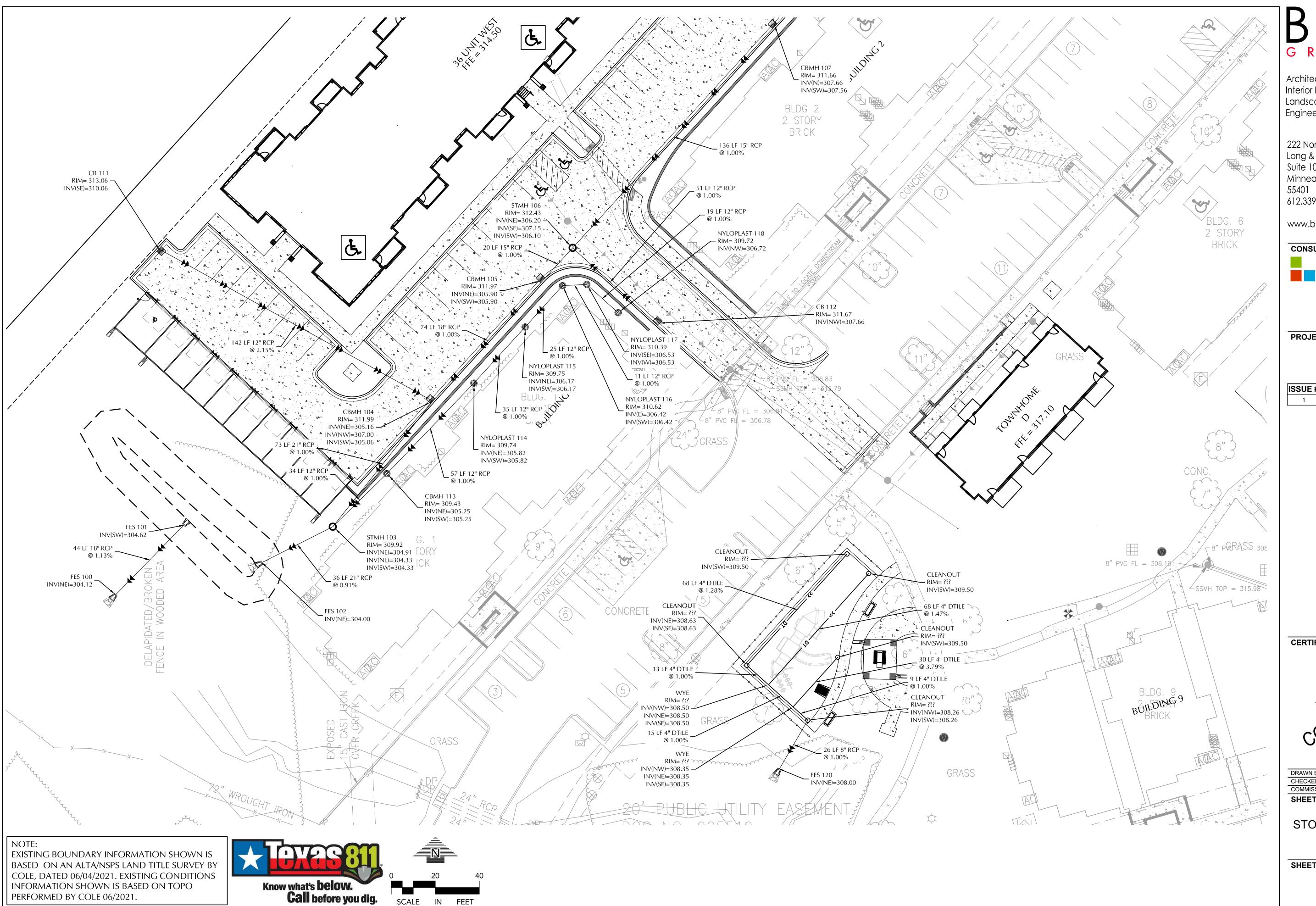
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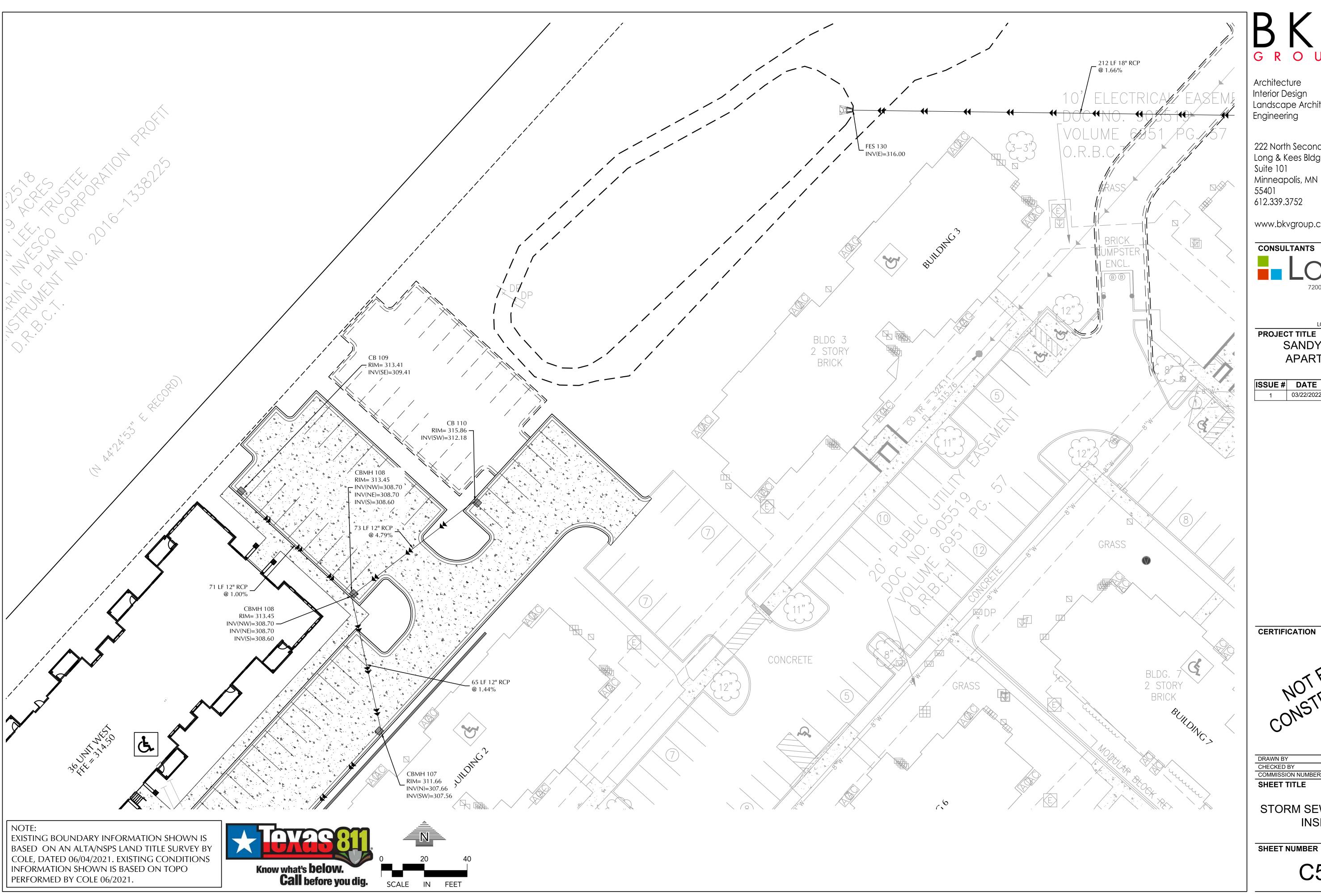
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STORM SEWER PLAN - INSET 1

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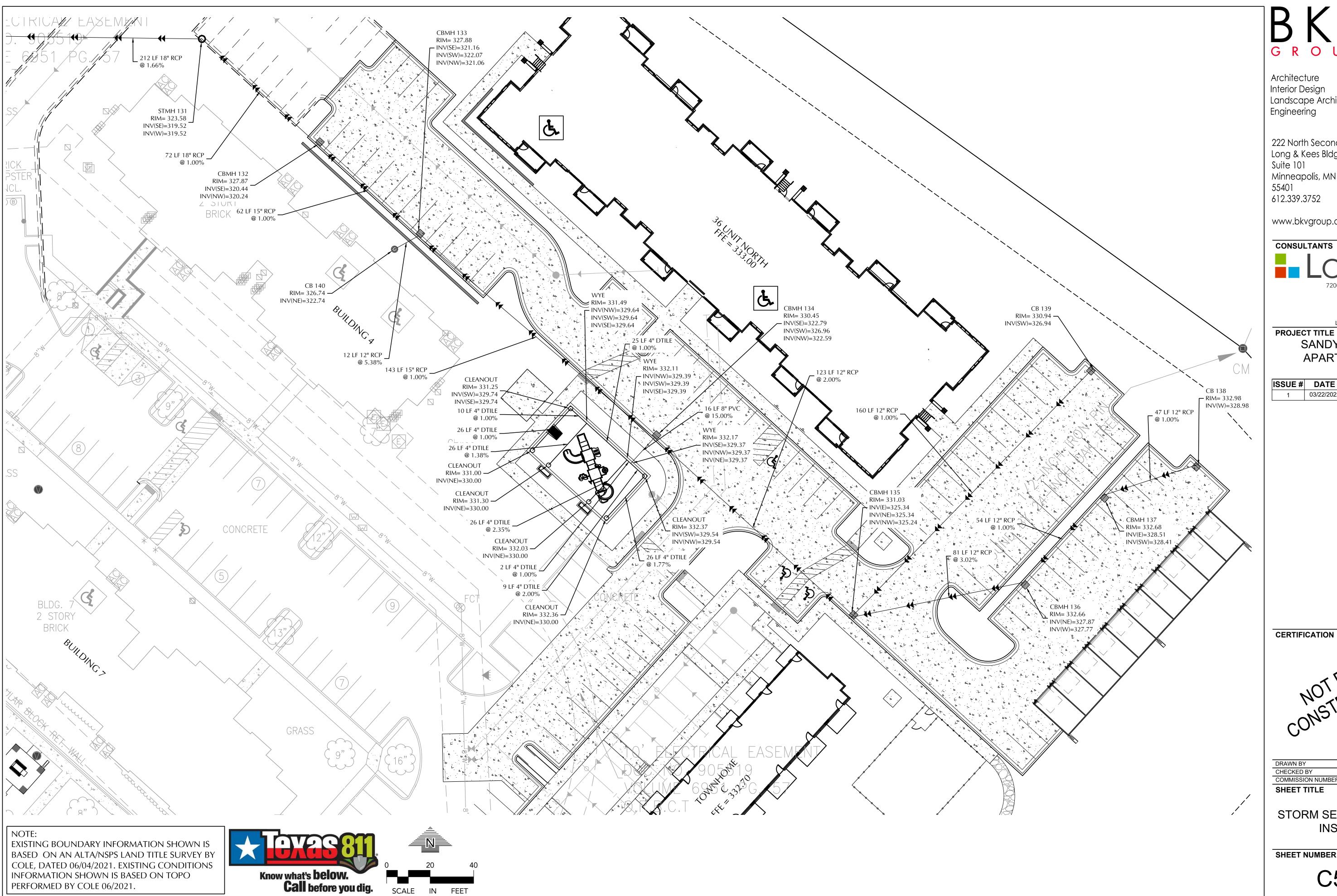
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STORM SEWER PLAN -

C5-2

INSET 2



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STORM SEWER PLAN -INSET 3

SHEET NUMBER

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