

**LIST OF STANDARDS**

000001-08	<b>STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS</b>
280001-07	<b>TEMPORARY EROSION CONTROL SYSTEMS</b>
664001-02	<b>CHAIN LINK FENCE</b>
701301-04	<b>LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS</b>
701501-06	<b>URBAN LANE CLOSURE 2L, 2W, UNDIVIDED</b>
701901-08	<b>TRAFFIC CONTROL DEVICES</b>

**GENERAL NOTES**

1. THE PROJECT CONSISTS OF FURNISHING ALL LABOR, MATERIALS, AND EQUIPMENT FOR THE REPLACEMENT OF APPROXIMATELY 40 LINEAL FEET OF 8-INCH DIAMETER SEWER, INCLUDING CLEARING, DEWATERING, CARE OF FLOW, CLEANING & TELEVISION, AND APPROXIMATELY 567 LINEAL FEET OF CURED-IN-PLACE PIPE (CIPP) LINER, TOGETHER WITH REESTABLISHMENT OF SERVICE CONNECTIONS, RESTORATION OF ALL DISTURBED SURFACES, AND ALL OTHER INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PLANS, "I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022, THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, SIXTH EDITION", THE SPECIAL PROVISIONS AND ALL LOCAL AND STATE CODES GOVERNING THE CONSTRUCTION OF THE PROPOSED FACILITIES.
3. RIGHT-OF-WAYS, PROPERTY LINES AND TOPOGRAPHY SHOWN HEREON HAVE BEEN TAKEN FROM THE BEST AVAILABLE RECORDS AND MUST BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION.
4. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOPED DURING CONSTRUCTION THAT WERE UNFORESEEN DURING THE DESIGN STAGE OR, THAT ARE NEEDED TEMPORARILY TO CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PRACTICES.
5. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION BEFORE AND DURING CONSTRUCTION. THE ENGINEER NOR THE OWNERS DO NOT WARRANT OR GUARANTEE THE COMPLETENESS OR THE CORRECTNESS OF THE INFORMATION GIVEN.
6. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ARRANGE TO HAVE ALL UNDERGROUND UTILITIES INCLUDING WATER, GAS, ELECTRIC, STORM SEWER, TELEPHONE AND CABLE TV LOCATED AND SUITABLY MARKED. THE CONTRACTOR SHALL J.U.L.I.E. ☎ 1-800-892-0123 AND ALL UTILITY UTILITY COMPANIES FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO DIGGING. ANY DAMAGES TO UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. SHOULD A UTILITY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED AT ONCE.
7. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS, AND ANY DAMAGE TO THEM DUE TO HIS NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
8. AFTER EXCAVATED AREAS HAVE BEEN BACKFILLED, GROUND SHALL BE RETURNED TO EXISTING OR PROPOSED GRADE AND EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND REPLACING EXISTING ITEMS DAMAGED OR REMOVED DURING CONSTRUCTION, AND SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION. ALL TREES SHALL BE PROTECTED BY THE CONTRACTOR, UNLESS THE TREES LIE DIRECTLY IN THE PATH OF THE PROPOSED FACILITIES.
10. NO ON SITE STORAGE OF EXCAVATED MATERIAL WILL BE PERMITTED, UNLESS APPROVED BY THE ENGINEER. ANY EXCAVATED MATERIAL THAT IS APPROVED TO BE STORED ON SITE SHALL BE PROTECTED AND STABILIZED BY SEEDING OR OTHER APPROVED METHODS TO PREVENT EROSION AND SEDIMENT FROM LEAVING THE SITE.
11. THE CONTRACTOR HAS NO AUTHORITY TO PERMIT THE USE OF ANY PORTION OF THE SITE BY ANYONE EXCEPT FOR BUSINESS CONNECTED WITH THE CONSTRUCTION IN WHICH THIS CONTRACT IS CONCERNED.
12. ANY DAMAGE TO EXISTING ROAD SURFACES BY CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, AND THE REPAIR SHALL BE ACCEPTABLE TO THE OWNER. COST OF SUCH REPAIR SHALL BE INCIDENTAL TO COST OF CONSTRUCTION.
13. DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT CAUSE SEWAGE TO BE DISCHARGED ON THE GROUND, IN WATERWAYS OR INTO THE GROUND NOR SHALL HE CAUSE BACKUP OF SEWAGE INTO BUILDINGS. SEWAGE SHALL BE DIVERTED BY PUMPING AND/OR PIPING AROUND ANY PORTIONS OF THE SEWER SYSTEM WHICH ARE TAKEN OUT OF SERVICE.
14. PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROCESSION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
15. ANY REPAIR REQUIRING REPLACEMENT OF SEWER AT AN EXISTING MANHOLE SHALL INCLUDE A WATER-TIGHT CONNECTION TO THE EXISTING MANHOLE. MAKE CONNECTION WITH NON-SHRINK GROUT OR OTHER MATERIAL APPROVED BY THE ENGINEER.
16. WORK AREAS MAY HAVE LIMITED ACCESS AND INCLUDE FENCES, POWER POLES, OVERHEAD UTILITY LINES, ETC. ALL EXISTING FENCES, POWER POLES, ETC., SHALL BE REMOVED AND RE-INSTALLED AS NECESSARY. PROTECTION AND/OR REMOVAL AND RE-INSTALLATION OF UTILITY SERVICES SHALL BE COORDINATED WITH THE UTILITY COMPANIES. UTILITY COMPANY COSTS FOR PROTECTION AND/OR REMOVAL AND RE-INSTALLATION OF UTILITY SERVICES SHALL BE INCLUDED IN THE COST OF CONSTRUCTION.
17. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 701301, 701501, AND 701901.

**NOTE:**

SEE SPECIFICATION SECTION 01031 FOR PIEZOMETER INFORMATION

# SANITARY SEWER REPAIR - 2 LOCATIONS

## 327 N. 63RD STREET & 310 N. 73RD STREET

### CITY OF CAHOKIA HEIGHTS

### ST. CLAIR COUNTY, ILLINOIS

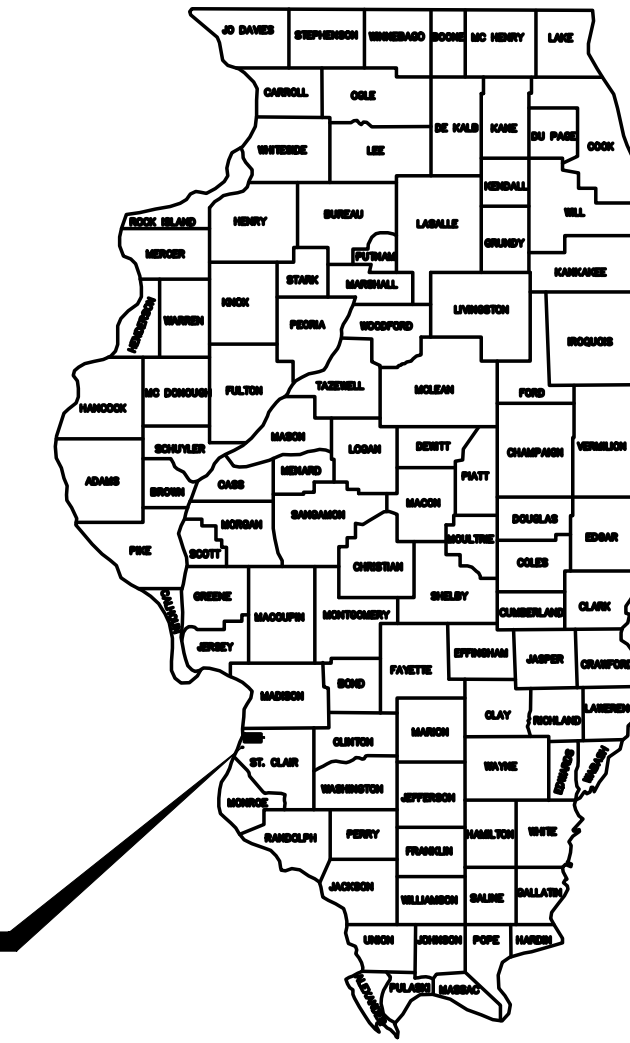
PREPARED FOR:

CITY OF CAHOKIA HEIGHTS

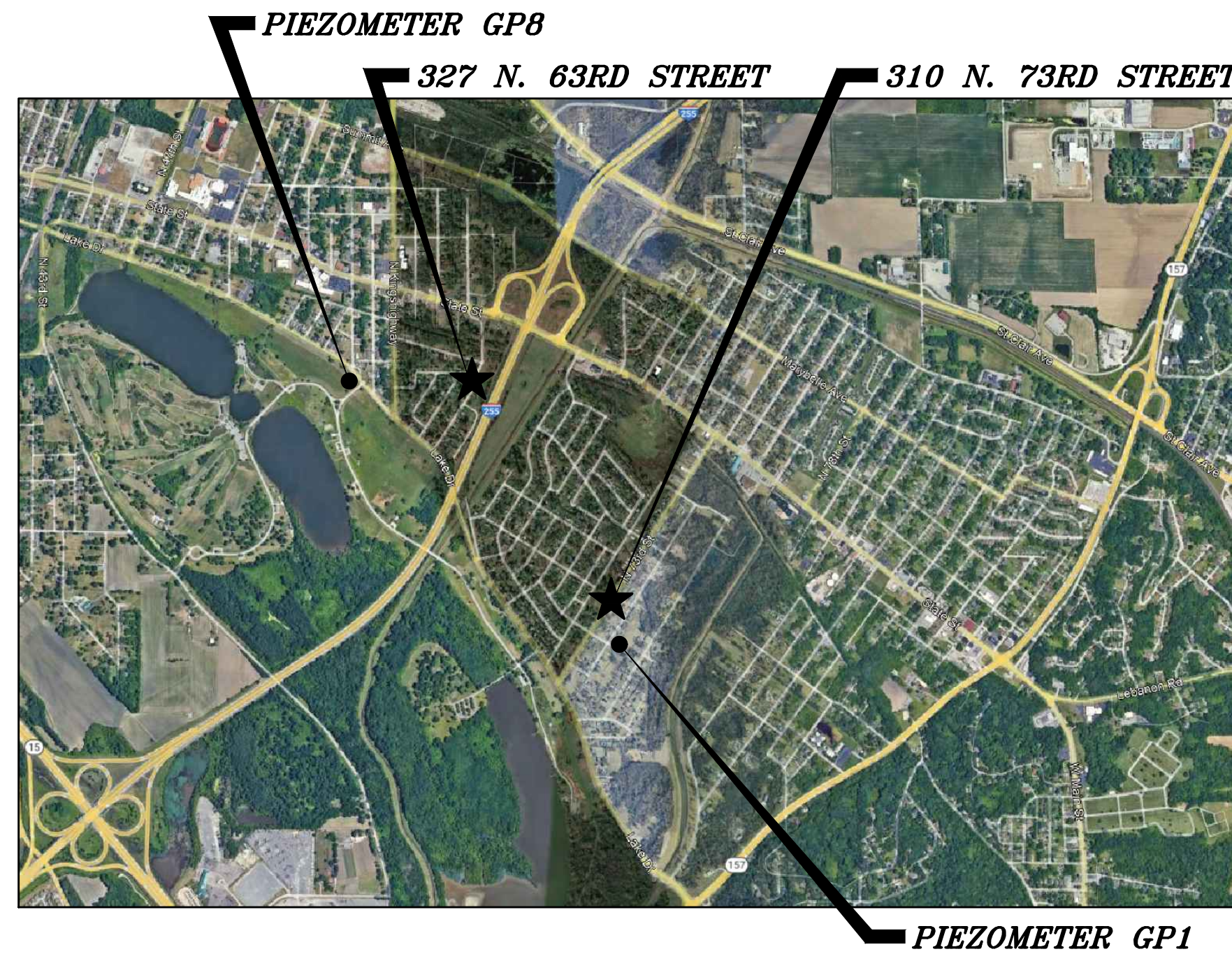
PREPARED BY:

HURST-ROSCHE, INC.

PROJECT LOCATION



ST. CLAIR COUNTY  
LOCATION OF SECTION INDICATED THUS - -



**LOCATION MAP**

NO SCALE

T2N, R9W, 3RD P.M., SECTION 27  
CITY OF CAHOKIA HEIGHTS  
CENTREVILLE TOWNSHIP

**INDEX OF SHEETS**

- |   |                                   |
|---|-----------------------------------|
| 1 | COVER SHEET & GENERAL NOTES       |
| 2 | 327 N. 63RD STREET PLAN & PROFILE |
| 3 | 310 N. 73RD STREET PLAN & PROFILE |
| 4 | MISCELLANEOUS DETAILS             |

**UTILITY OWNERS**

- J.U.L.I.E.  
(800) 892-0123
- AMEREN ILLINOIS  
(618) 301-5305
- ATT/DISTRIBUTION  
(630) 573-5450
- CHARTER/SPECTRUM  
(636) 232-1398
- CITY OF CAHOKIA HEIGHTS  
(618) 410-7808
- ETC MISSISSIPPI RIVER GAS TRANS  
(713) 989-7079
- ILLINOIS AMERICAN WATER  
(859) 321-8235



Hurst-Rosche, Inc.  
PROFESSIONAL DESIGN NUMBER: 184-00209

NO. 5 BANK SQUARE  
EAST ST. LOUIS, IL  
PH: 618.398.0890  
www.hurst-rosche.com  
HILLSBORO, IL  
MARION, IL  
SPRINGFIELD, IL  
ARNOLD, MO  
NASHVILLE, TN

SIGNATURE

DATE

LICENSE EXPIRES

SANITARY SEWER REPAIR - 2 LOCATIONS  
327 N. 63RD STREET & 310 N. 73RD STREET  
CITY OF CAHOKIA HEIGHTS  
ST. CLAIR COUNTY, ILLINOIS 62206

MK.	DATE	DESCRIPTION
	08/2023	

PROJECT NO: 860-0683  
DESIGN: TAS | DRAWN: JJD | CHECK: SMS

COVER SHEET  
& GENERAL  
NOTES

1

SHEET 1 OF 4

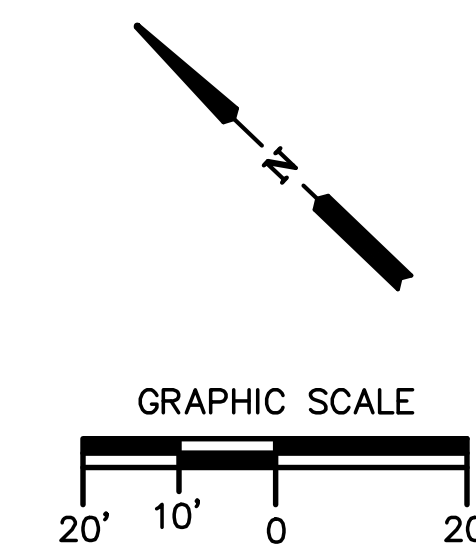
TERRY SUDHOLT  
ILLINOIS P.E. NO. 062-062371  
EXPIRES: 11-30-23

DATE



NOTES:

- CONTRACTOR SHALL REPLACE EXISTING SIDEWALK, CURB AND GUTTER, PAVEMENT, FENCING, ETC. DAMAGED OR REMOVED DURING CONSTRUCTION.
- PVC GRAVITY SEWER PIPE AND FITTINGS SHALL CONFORM TO ASTM D-3034 (MINIMUM SDR 26), SEE SPECIFICATION SECTION 02610.
- REPLACE ADJUSTMENT RINGS AND RESTORE TOP OF MANHOLE 9.



Hurst-Rosche, Inc.  
PROFESSIONAL DESIGN NUMBER: 184-000298

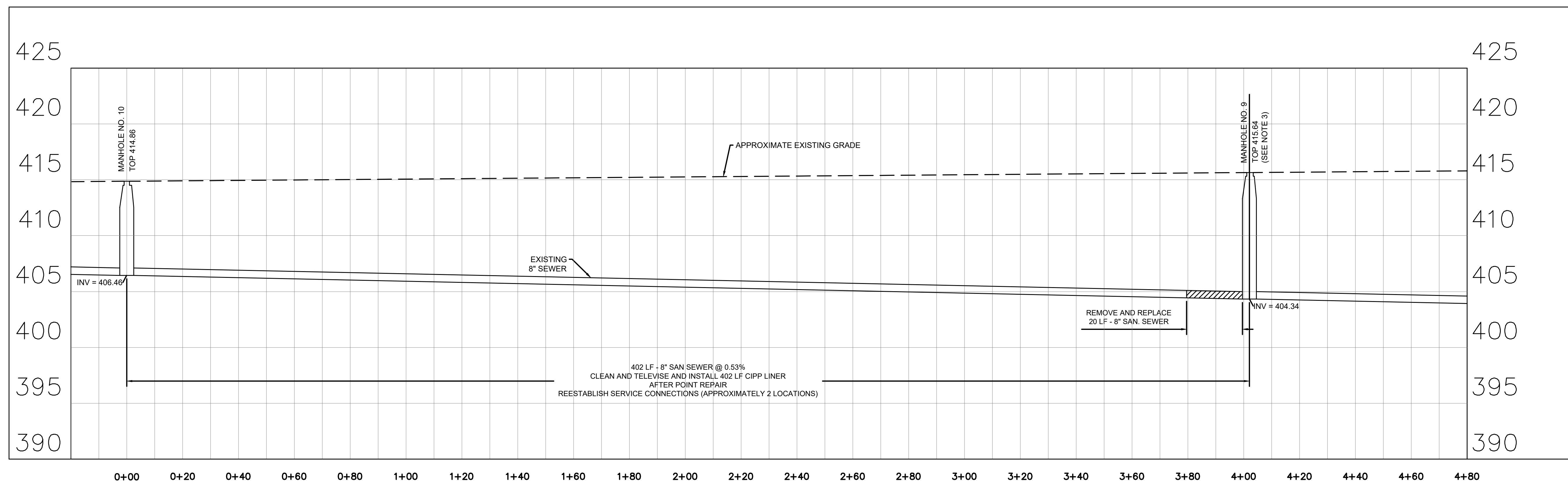
NO. 5 BANK SQUARE  
EAST ST. LOUIS, IL  
PH: 618.398.0890

www.hurst-rosche.com

HILLSBORO, IL  
MARION, IL  
SPRINGFIELD, IL  
ARNOLD, MO  
NASHVILLE, TN



PLAN  
SCALE 1"=20'



PROFILE  
SCALE: V 1"=5'  
H 1"=20'

SIGNATURE

DATE

LICENSE EXPIRES

SANITARY SEWER REPAIR - 2 LOCATIONS  
327 N. 63RD STREET & 310 N. 73RD STREET  
CITY OF CAHOKIA HEIGHTS  
ST. CLAIR COUNTY, ILLINOIS 62206

MK.	DATE	DESCRIPTION
	08/2023	

PROJECT NO: 860-0683  
DESIGN: TAS DRAWN: JJD CHECK: SMS

310 N. 73RD STREET  
PLAN AND PROFILE

3

SHEET 3 OF 4



SIGNATURE \_\_\_\_\_  
DATE \_\_\_\_\_  
LICENSE EXPIRES \_\_\_\_\_

**SANITARY SEWER REPAIR - 2 LOCATIONS**  
**327 N. 63RD STREET & 310 N. 73RD STREET**  
**CITY OF CAHOKIA HEIGHTS**  
**ST. CLAIR COUNTY, ILLINOIS 62206**

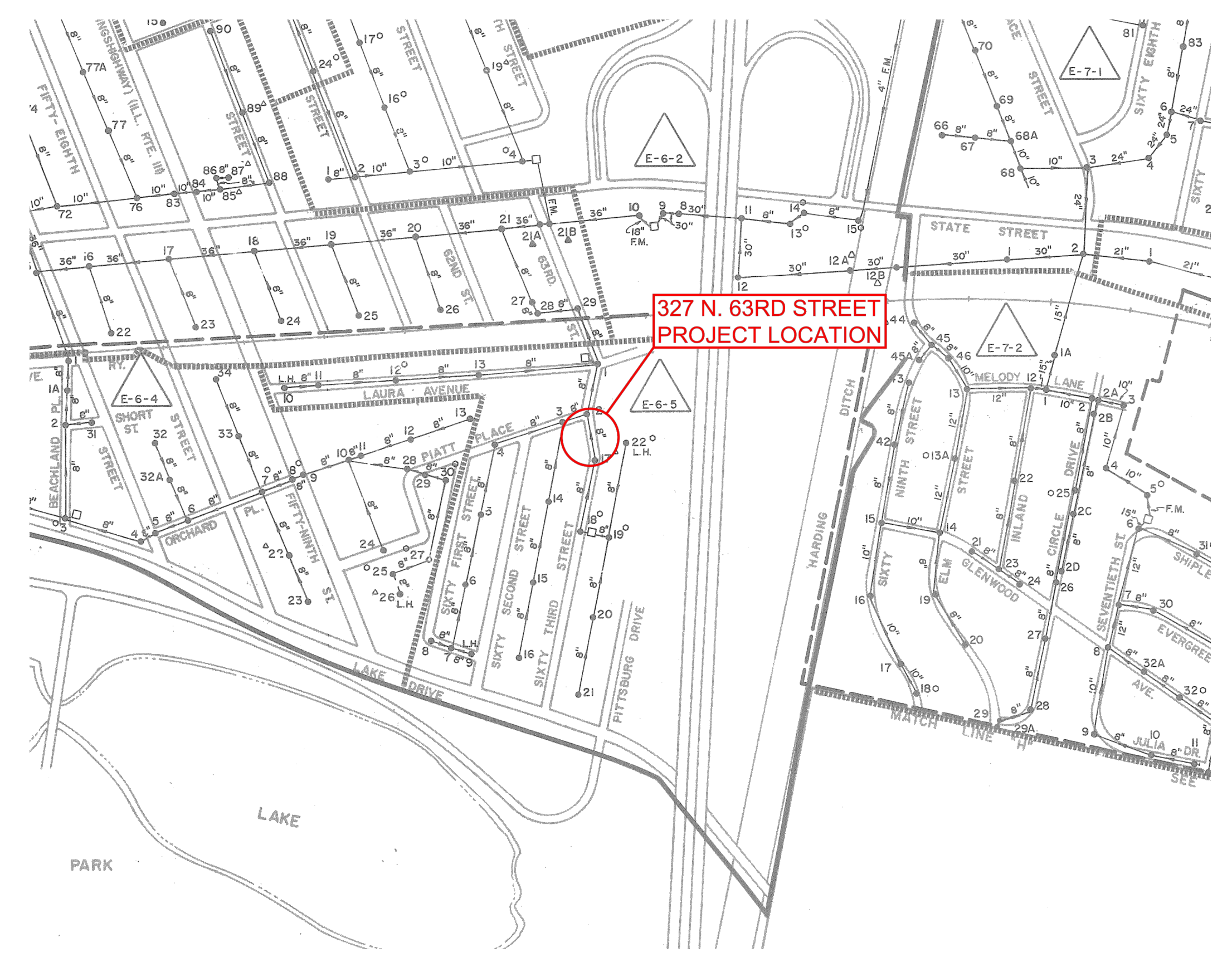
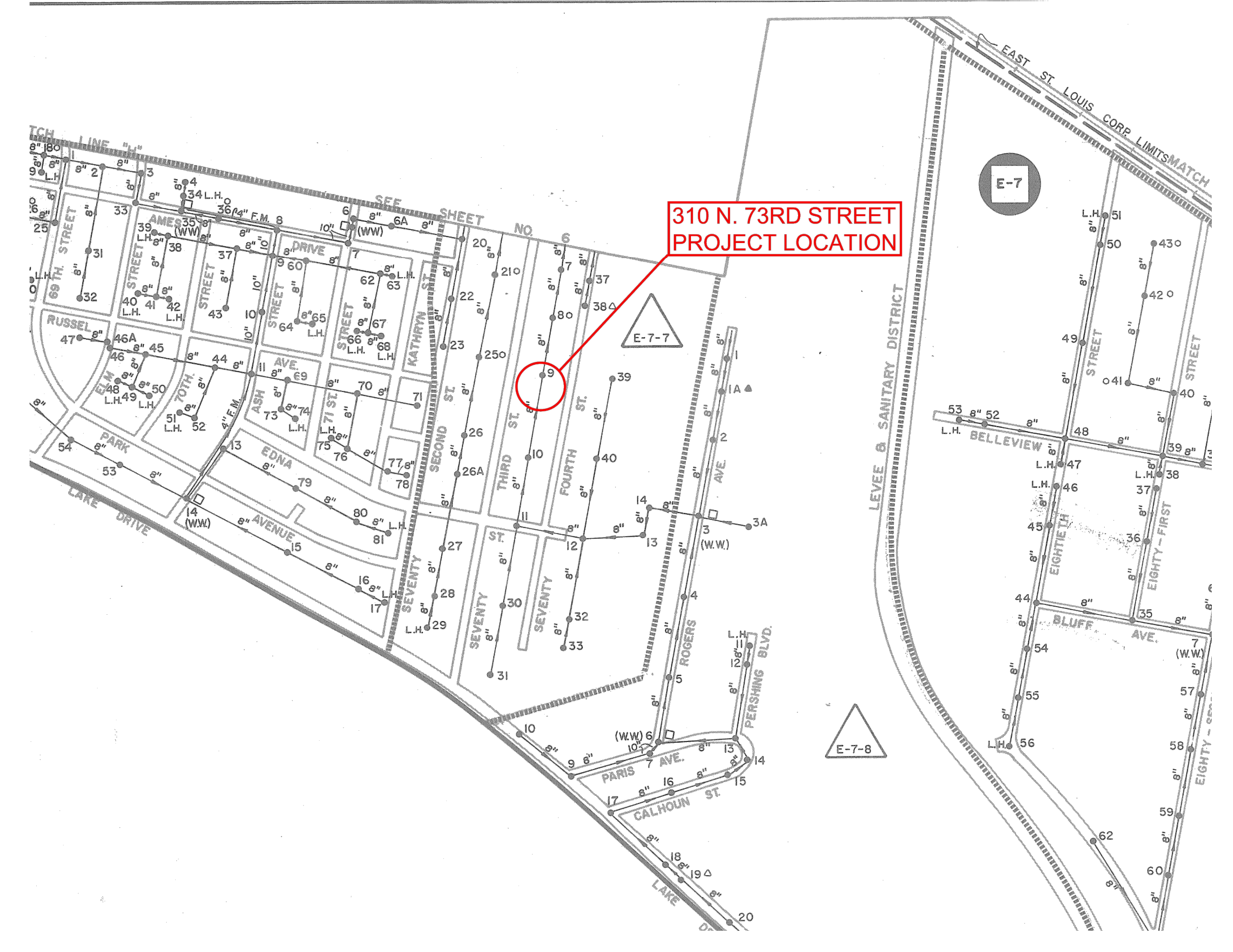
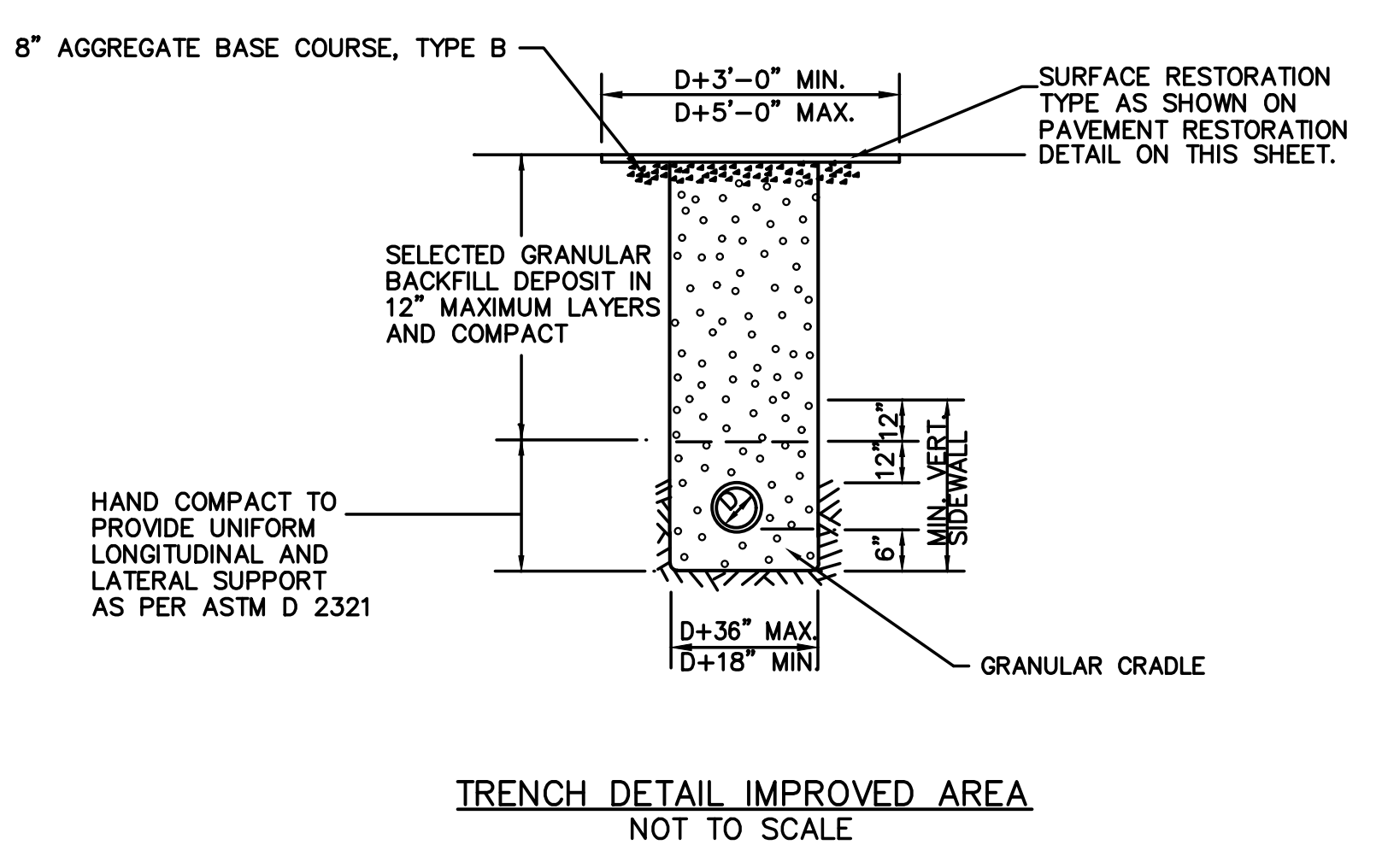
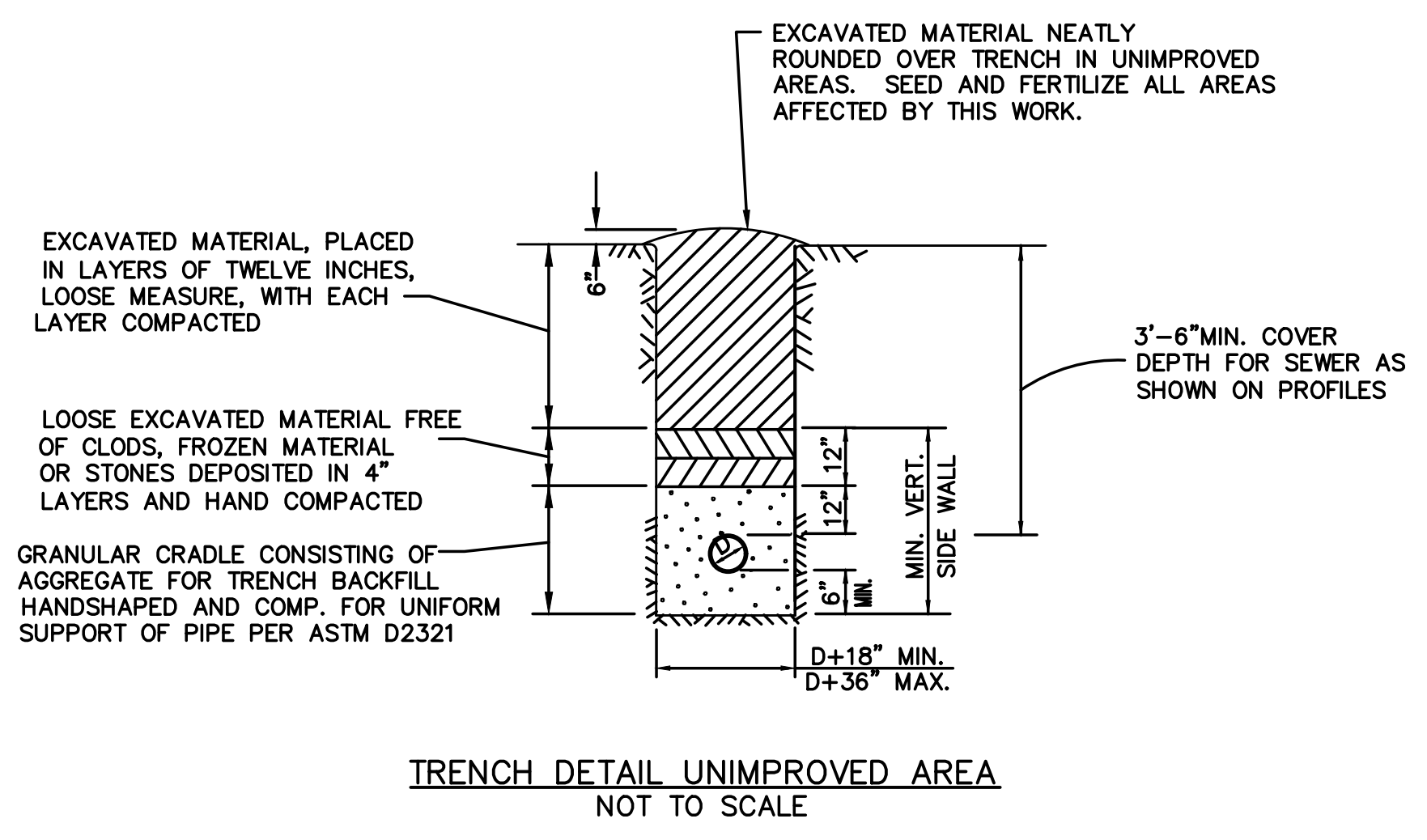
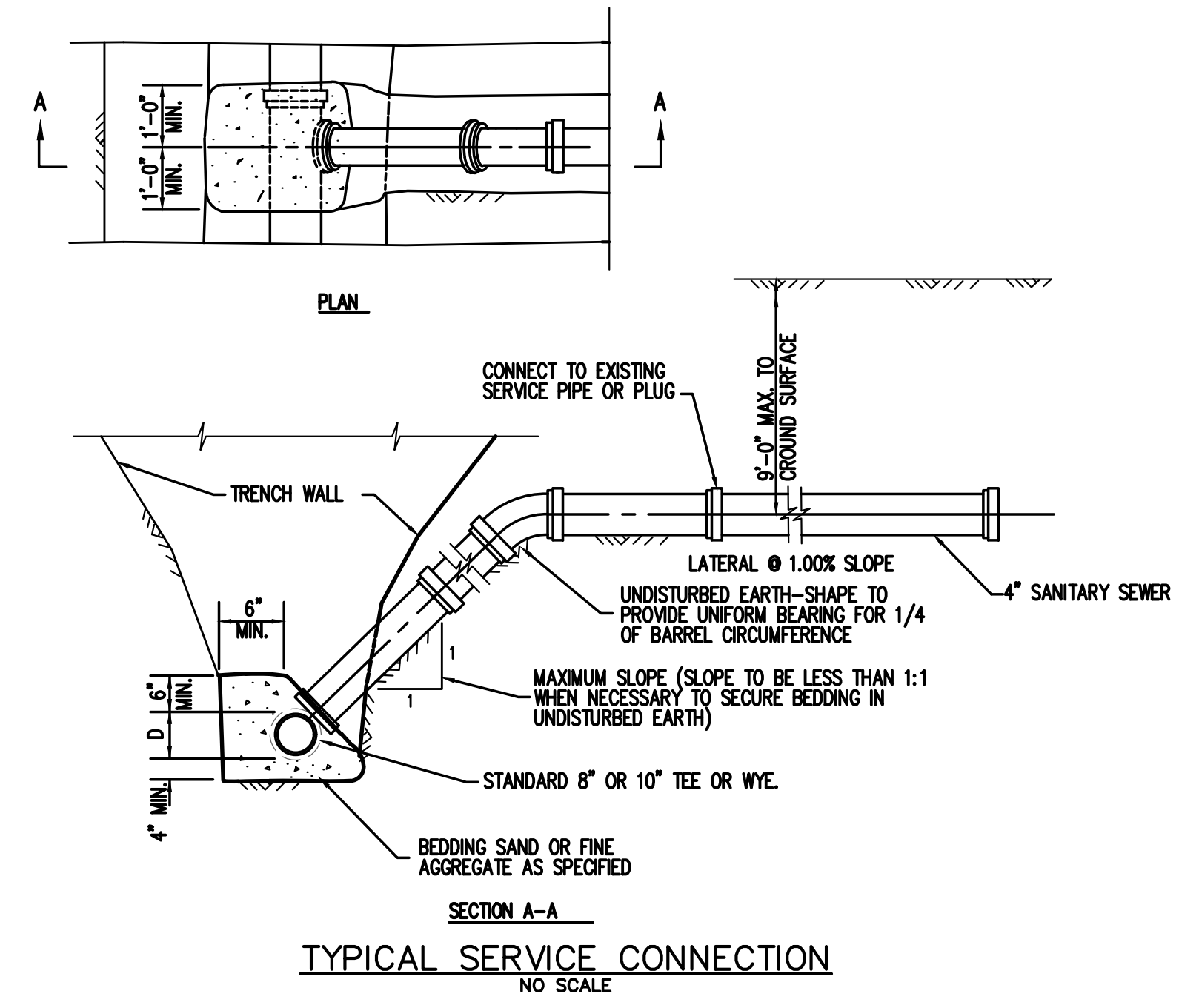
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	08/2023	

PROJECT NO: 860-0683  
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MISCELLANEOUS  
DETAILS

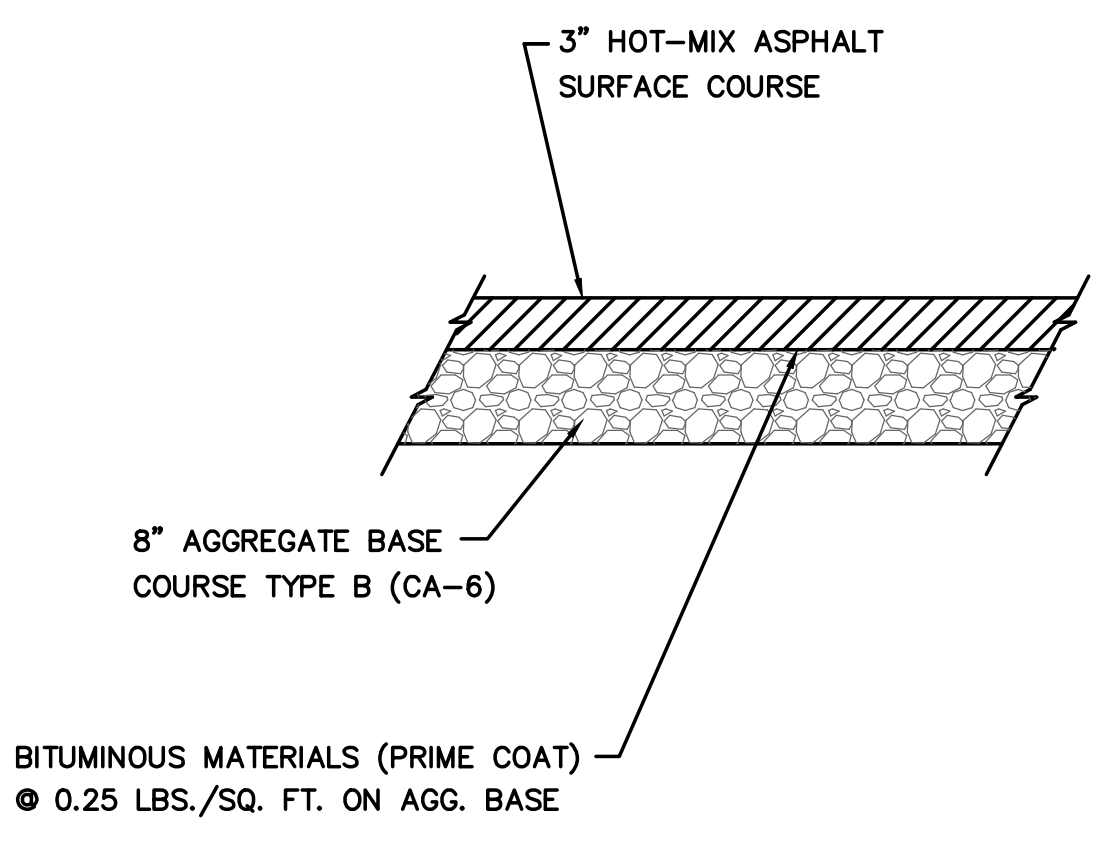
**LEGEND**

- ⊙ EXISTING MANHOLE
- ⊙ EXISTING INLET
- ⊙ EXISTING WATER METER
- ⊙ EXISTING WATER VALVE BOX
- ⊙ EXISTING GAS VALVE BOX
- ⊙ EXISTING LIGHT POLE
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING SIGN
- ⊙ GUY WIRE
- ⊙ GUY POLE
- ⊙ VALVE (MISCELLANEOUS)
- x — x — EXISTING FENCE
- DE — DE — EXISTING OVERHEAD ELECTRIC LINE
- E — E — E — EXISTING UNDERGROUND ELECTRIC LINE
- V — V — V — WATER LINE
- T — T — T — UNDERGROUND TELEPHONE LINE
- GAS — GAS — UNDERGROUND GAS LINE
- ⊙ CF-501  
60 SPX SURVEY CONTROL POINT



**MIXTURE TABLE**

LOCATION	VARIES
MIXTURE USE	SURFACE COURSE
PG	PG 64-22
RAP % (MAX)	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5
FRICTION AGGREGATE	MIXTURE "C"
MIXTURE WEIGHT	112 LBS/SQ. YD./IN.



**PAVEMENT RESTORATION DETAIL**  
NOT TO SCALE