

EROSION CONTROL NOTES:

- 1. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ANY DAMAGE TO STORM WATER POLLUTION CONTROL DEVICES AS SOON AS PRACTICAL AFTER THE DISCOVERY OF THE DAMAGE.
2. THE CONTRACTOR SHALL USE WHATEVER MEASURES NECESSARY TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES...
3. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL EROSION, CONSERVATION, AND SILTRATION REQUIREMENTS.
4. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED...
5. THE CONTRACTOR SHALL KEEP PAVEMENT AREAS FREE OF ANY MUD OR EXCAVATION WASTE...
6. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF CONSTRUCTION...
7. THE CONTRACTOR SHALL INSTALL SOLID SLAB SOD, UNLESS OTHERWISE NOTED...
8. THE CONSTRUCTION AND PLACEMENT OF EROSION AND SEDIMENT CONTROL DEVICES SHALL BE TIMED IN CONJUNCTION WITH THE PROGRESS OF GENERAL CONSTRUCTION...
9. THE CONTRACTOR SHALL BEGIN PERMANENT STABILIZATION OF COMPLETED AREAS OF CONSTRUCTION AS SOON AS IS PRACTICAL.
10. STABILIZED CONSTRUCTION ENTRANCES SHALL BE REQUIRED AT ALL POINTS WHERE CONSTRUCTION OR EMPLOYEE VEHICLES ENTER OR LEAVE THE CONSTRUCTION OR STAGING AREAS...
11. THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED OF TWO INCH (2") STONE, OR RECLAIMED/RECYCLED CONCRETE OF SIMILAR SIZE...
12. THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE A MINIMUM OF TWENTY FEET (20') IN WIDTH...
13. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD STABILIZED CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE...
14. THE WHEELS OF VEHICLES LEAVING THE CONSTRUCTION AREAS SHALL BE CLEANED OF MUD PRIOR TO LEAVING THE CONSTRUCTION OR STAGING AREAS...
15. ANY MUD, SEDIMENT, EXCAVATION WASTE, ETC., DROPPED, WASHED, SPILLED, OR TRACKED FROM THE CONSTRUCTION OR STAGING AREAS ONTO STREETS OUTSIDE OF THE CONSTRUCTION AREAS SHALL BE REMOVED IMMEDIATELY.
16. PERIODIC REPAIR AND INSPECTION AFTER SIGNIFICANT RAINFALL SHALL BE MADE OF THE CONSTRUCTION ENTRANCES AS PREVIOUSLY SET FORTH HEREIN.
17. SILT FENCE SHALL BE USED TO CONTROL SEDIMENTATION FROM SURFACE RUNOFF AROUND THE PERIMETER OF THE WORK AREA AS NECESSARY.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER AROUND THE LIMITS OF CONSTRUCTION AND AS SHOWN ON THE EROSION PLAN...
19. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL BE STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARILY SEEDED, SODDED, OR OTHERWISE STABILIZED UNTIL CONSTRUCTION RECOMMENCES.
20. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SODDED, UNLESS OTHERWISE NOTED. THESE AREAS SHALL BE SODDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING.
21. ONSITE AND OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMP'S.

SITE DEMOLITION NOTES:

- 1. SCOPE OF WORK SHALL INCLUDE REMOVAL OF ALL EXISTING OBJECTS REQUIRED FOR PROJECT CONSTRUCTION. REMOVED ITEMS THAT ARE NOT DENOTED FOR SALVAGE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN AN APPROVED MANNER...
2. UNLESS NOTED FOR REMOVAL, EXISTING TREES SHALL NOT BE DISTURBED. ALL TREE REMOVALS SHALL BE APPROVED BY THE OWNER PRIOR TO DEMOLITION.
3. EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATED BASED ON RECORD DRAWINGS OR HORIZONTAL LOCATIONS FLAGGED IN THE FIELD...
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING THE SITE. UNSUITABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OFF-SITE.
5. THE REMOVAL OF ANY UTILITY LINE, SERVICE, APPURTENANCE, AND STRUCTURE SHALL BE COORDINATED WITH THE OWNER OF THE RESPECTIVE UTILITY.
6. ALL PAVEMENT REMOVAL SHALL BE FULL DEPTH. PAVEMENT REMOVAL ADJACENT TO EXISTING PAVEMENT, TO REMAIN, SHALL BE SAW-CUT IN STRAIGHT LINES, FULL DEPTH.
7. ALL SOIL FROM REMOVAL OPERATIONS SHALL BE DISPERSED ON SITE AT THE TIME OF EXCAVATION...
8. CONTRACTOR SHALL BACKFILL ANY VOIDS RESULTING FROM STRUCTURES, VEGETATION, AND OBJECTS REMOVED...
9. ALL EXISTING STRUCTURES, PAVEMENTS AND UTILITIES DESIGNATED TO REMAIN SHALL BE ADEQUATELY PROTECTED FROM DAMAGE THAT MIGHT OTHERWISE OCCUR DUE TO CONSTRUCTION OPERATIONS...
10. DURING CONSTRUCTION, ALL FIRE HYDRANTS, VALVE BOXES, FIRE OR POLICE CALL BOXES AND OTHER EXISTING UTILITY CONTROLS SHALL BE LEFT INTACT...
11. THE CONTRACTOR MUST FILE A "NOTICE OF INTENT" WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY...
12. ABIDE BY ALL FEDERAL, STATE AND LOCAL CODES FOR THE DEMOLITION AND DISPOSAL OF ALL MATERIALS...
13. THE SAFETY OF THE PROJECT SITE IS THE RESPONSIBILITY OF THE CONTRACTOR...

SITE CONSTRUCTION NOTES:

- 1. ALL WORK PERFORMED AND MATERIALS SUPPLIED SHALL CONFORM TO THE AUTHORITY HAVING JURISDICTION'S STANDARD AND SPECIFICATIONS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CONSTRUCTION STAKING. CONTRACTOR TO OBTAIN CAD DRAWINGS FILE FROM ENGINEER FOR SITE CONSTRUCTION STAKING.
4. ALL CURB RADIUS CALLOUTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES...
6. ALL PAVEMENT STRIPING SHALL BE APPLIED IN TWO COATS...
7. ASSURE A SMOOTH FIT AND CONTINUOUS GRADE WITH EXISTING PAVEMENT...
8. UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING...
9. UNLESS OTHERWISE DIRECTED THE CONTRACTOR SHALL PROVIDE A MEDIUM TO FINE BROOM FINISH ON ALL CONCRETE WALKS, RAMPS, STAIRS AND PAVED SURFACES...
10. REFER TO ARCHITECTURAL PLANS AND SPECS. FOR CONSTRUCTION INFORMATION AND DETAILS FOR BUILDING ERECTION.
11. CONTRACTOR TO NOTIFY DESIGN ENGINEER IF ANY PLAN DISCREPANCIES ARISE...
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY WORK ORDERS AND PERMITS FROM THE LOCAL AHJ...
13. THE PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING PUBLIC OR PRIVATE ROADWAYS...
14. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED PAVED SURFACES (INCLUDING CURBS) SHALL BE CLEANED...
15. CONTRACTOR IS RESPONSIBLE FOR ALL FIRE LANE STRIPING & SIGNAGE...
16. SIDEWALK RAMPS AND HANDICAPPED PARKING AREAS SHALL BE CONSTRUCTED TO MEET THE ADA ACCESSIBILITY GUIDELINES...

SITE CONSTRUCTION NOTES (CONT'D):

- 17. CONDUCT AS-BUILT MEASUREMENTS AND SUBMIT DOCUMENTATION TO THE OWNER PRIOR TO FINAL ACCEPTANCE.
18. EXISTING DRAINAGE STRUCTURES & PIPES, TO REMAIN, SHALL BE CLEANED OF SILT & DEBRIS AND OBSERVED FOR ANY STRUCTURAL DEFICIENCIES.
1. PROPOSED CONTOURS DEPICT FINAL PAVING ELEVATION. ADJUST SUBGRADE AS NECESSARY FOR PAVEMENT THICKNESS.
2. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL ENGINEERING REPORT PROVIDED BY AIMRIGHT TESTING AND ENGINEERING DATED 12/08/2021...
3. AFTER PERFORMING ANY REQUIRED CUTS AND PRIOR TO PLACEMENT OF FILL, THE SITE SHALL BE PROOFROLLED WITH A 20 TO 25 TON PNEUMATIC-TIRED VEHICLE...
4. THE BUILDING AREA SUBGRADE SOILS AND ANY AREA THAT WILL RECEIVE FILL SHALL BE SCARIFIED AND COMPACTED TO A DEPTH OF 8 INCHES...
5. STRUCTURAL FILL SHALL BE FREE OF ORGANIC MATTER AND DEBRIS...
6. UNLESS OTHERWISE STATED, THE CONTRACTOR SHALL COORDINATE AND ORDER ALL TESTING...
7. CONTRACTOR SHALL TAKE ALL PREVENTIVE MEASURES NECESSARY TO ELIMINATE, REDUCE, OR ALLEVIATE ANY DUST NUISANCE...
8. EXISTING CONTOURS AND SPOT ELEVATIONS ARE CORRECT PER SURVEY DATED 3/28/2022...
9. CONTRACTOR SHALL ADJUST THE GRADES OF ALL EXISTING VALVE BOXES AND COVERS...
10. ALL TOPSOIL SHALL BE REMOVED AND STOCKPILED IN AN AREA DESIGNATED BY OWNER...
11. CUT OR FILL SLOPES SHALL BE 4:1 MAX UNLESS NOTED OTHERWISE.

SITE GRADING NOTES (CONT'D):

- 12. ENSURE POSITIVE DRAINAGE AWAY FROM ALL SIDES OF ALL BUILDINGS (EXISTING & PROPOSED) THROUGHOUT ALL PHASES OF CONSTRUCTION.
1. THOSE UTILITIES WHICH ARE PUBLIC SHALL BE INSTALLED BY A PROPERLY LICENSED CONTRACTOR...
2. CONTRACTOR SHALL CONTACT OKIE (1-800-522-6543) FOR LOCATING EXISTING UTILITIES...
3. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING AND COMPACTING ALL TRENCHES...
4. ALL UTILITIES SHALL TERMINATE FIVE (5) FEET OUTSIDE THE BUILDING...
5. ALL VALVES, MANHOLE LIDS, AND SEWER CLEAN-OUTS LOCATED IN PAVED AREAS...
6. CONTRACTOR SHALL PROVIDE ELECTRICAL CONDUIT AS NEEDED...
7. UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING...
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTING AND MAINTAINING BARRICADES...
9. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH STATE LAWS AND FEDERAL REGULATIONS...
10. CONTRACTOR SHALL FULLY COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS...
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY UTILITIES REQUIRED FOR CONSTRUCTION.
12. CONTRACTOR SHALL KEEP OPEN TRENCH DRAINED AT ALL TIMES.
13. CONTRACTOR TO PROVIDE AS-BUILT FIELD DRAWINGS FOR ALL EXISTING AND PROPOSED UTILITIES ON SITE...

SITE UTILITY NOTES:

- 1. THOSE UTILITIES WHICH ARE PUBLIC SHALL BE INSTALLED BY A PROPERLY LICENSED CONTRACTOR...
2. CONTRACTOR SHALL CONTACT OKIE (1-800-522-6543) FOR LOCATING EXISTING UTILITIES...
3. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING AND COMPACTING ALL TRENCHES...
4. ALL UTILITIES SHALL TERMINATE FIVE (5) FEET OUTSIDE THE BUILDING...
5. ALL VALVES, MANHOLE LIDS, AND SEWER CLEAN-OUTS LOCATED IN PAVED AREAS...
6. CONTRACTOR SHALL PROVIDE ELECTRICAL CONDUIT AS NEEDED...
7. UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING...
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11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY UTILITIES REQUIRED FOR CONSTRUCTION.
12. CONTRACTOR SHALL KEEP OPEN TRENCH DRAINED AT ALL TIMES.
13. CONTRACTOR TO PROVIDE AS-BUILT FIELD DRAWINGS FOR ALL EXISTING AND PROPOSED UTILITIES ON SITE...

SITE DETAIL NOTES:

- 1. DETAILS SHOWN ARE DESIGNED BASED ON INFORMATION FROM THE GEOTECHNICAL REPORT COMPLETED FOR THIS SITE...
2. DETAILS SHOWN SHALL SUPERCEDE SPECIFICATIONS UNLESS OTHERWISE NOTED BY ENGINEER.
3. NO REVISIONS SHALL BE MADE TO DETAILS UNLESS AUTHORIZED BY ENGINEER...



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CEC CORPORATION WWW.CONNECTCEC.COM OK CAF: 32 EXP: 2022-06-30

BID SET - FINAL 08/26/2022

EVERGREEN BAPTIST CHURCH - PHASE 4

10301 EAST 111th ST. S. BROKEN ARROW, OKLAHOMA 74011

REVISIONS 08/12/2022 08/29/2022 REVISION #3 REVISION #4

NOTES & LEGEND



JOB 220119 ISSUE 08.26.2022 DRAWN BY: DAG CHKD BY: LJB C001 AS SHOWN



LEGEND

Table with columns for EXISTING and PROPOSED symbols for various elements: PROPERTY LINE, WATER SPIGOT, POWER POLE, BOTTOM OF DIKE, etc.

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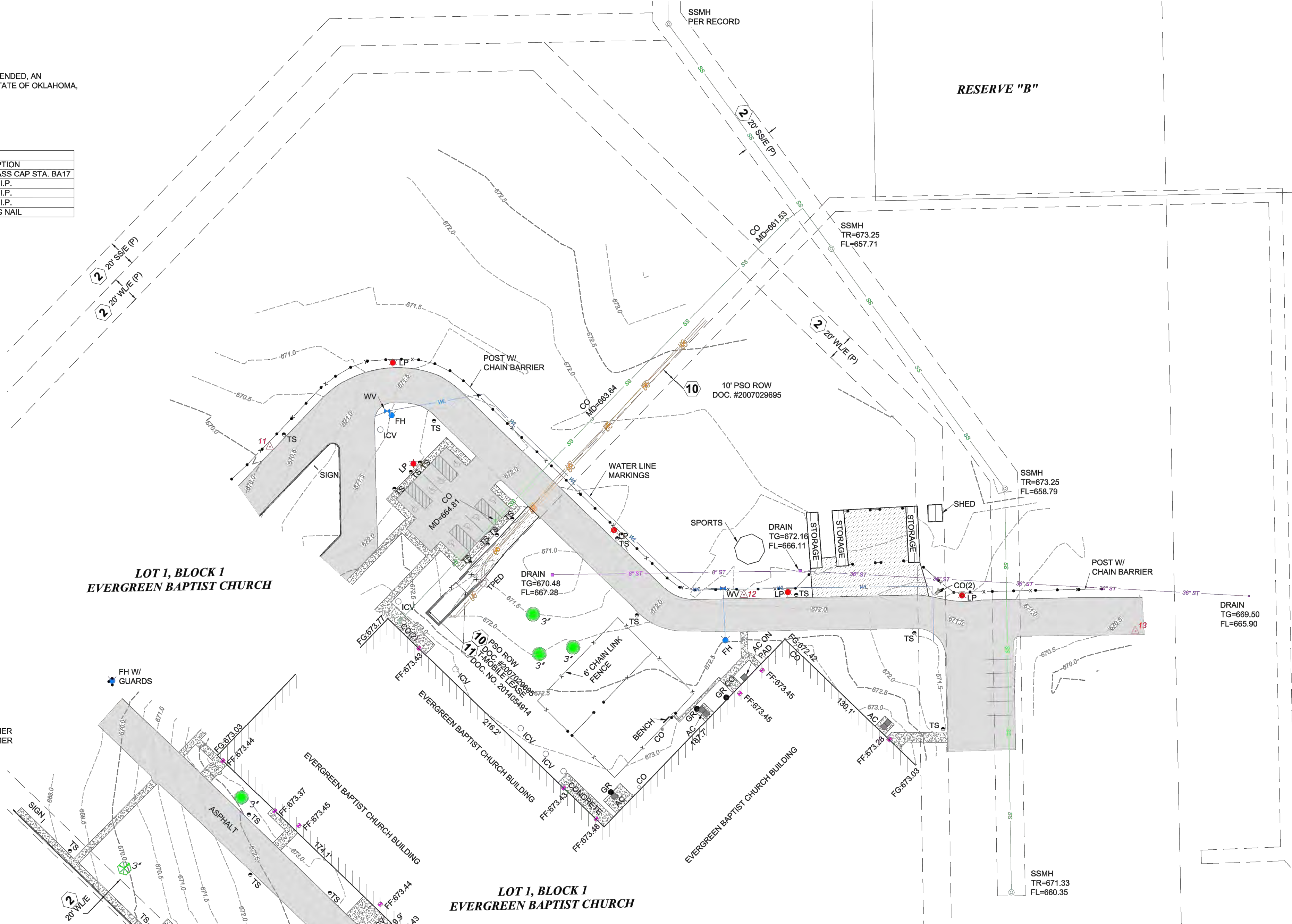
**LEGAL DESCRIPTION - AS PROVIDED**

LOT ONE (1), BLOCK ONE (1), EVERGREEN BAPTIST CHURCH AMENDED, AN ADDITION TO THE CITY OF BROKEN ARROW, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE RECORDED PLAT THEREOF.

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	372017.210	2604133.738	645.08	ADS BRASS CAP STA. BA17
10	372461.200	2600517.453	669.16	SET 3/8" I.P.
11	372833.049	2600640.704	670.09	SET 3/8" I.P.
12	372726.215	2600982.157	671.98	SET 3/8" I.P.
13	372700.318	2601264.126	670.85	SET MAG NAIL

**LEGEND**

- AC = AIR CONDITIONER
- AD = AREA INLET
- ASP = AUTO SPRINKLER
- BC = BOTTOM OF CURB
- BL = BUILDING LINE
- BM = BENCHMARK
- BWF = BARBED WIRE FENCE
- CATV = CABLE TV PEDESTAL
- CL = CENTERLINE
- CLB = CLIMB BARRIER
- CLF = CHAIN LINK FENCE
- CO = CLEAN OUT
- CPS = COX POWER SUPPLY
- CMP = CORRUGATED METAL PIPE
- CPP = CORRUGATED PLASTIC PIPE
- DGDI = DOUBLE GRATE DROP INLET
- DIP = DUCTILE IRON PIPE
- EM = ELECTRIC METER
- EO = ELECTRIC OUTLET
- EPED = ELECTRIC PEDESTAL
- ET = ELECTRIC TRANSFORMER
- FF = FINISH FLOOR
- FG = FINISH GRADE
- FH = FIRE HYDRANT
- FP = FLAG POLE
- FL = FLOWLINE
- GM = GAS METER
- GR = GAS REGULATOR
- GV = GAS VALVE
- GL = GROUND LIGHT
- GP = GUARD POST
- GUY = GUY ANCHOR
- HDWL = HEADWALL
- HPP = HIGH POWER POLE
- HPS = HANDICAP PARKING SIGN
- HWF = HOG WIRE FENCE
- ICV = IRRIGATION CONTROL VALVE
- LP = LIGHT POLE
- (M) = MEASURED DATA
- MB = MAILBOX
- MD = MEASURE DOWN FROM TOP OF CAP
- MW = MONITORING WELL
- (P) = PER PLAT
- PLF = PLASTIC FENCE
- PM = PARKING METER
- PP = POWER POLE
- PPD = POWER POLE W/ DROP
- PPDT = POWER POLE W/ DROP & TRANSFORMER
- PPLT = POWER POLE W/ LIGHT & TRANSFORMER
- PPM = POWER POLE W/ ELECTRIC METER
- PPNS = POWER POLE / NO SERVICE
- PPT = POWER POLE W/ TRANSFORMER
- RCP = REINFORCED CONCRETE PIPE
- RD = ROOF INLET
- SS/E = SANITARY SEWER EASEMENT
- SSLH = SANITARY SEWER LAMP HOLE
- SSMH = SANITARY SEWER MANHOLE
- S/B = SETBACK
- SGDI = SINGLE GRATE DROP INLET
- SH = SPRINKLER HEAD
- SP = SIGN POST
- STMH = STORM SEWER MANHOLE
- STJB = STORM SEWER JUNCTION BOX
- TM = TELEPHONE MANHOLE
- TPED = TELEPHONE PEDESTAL
- TC = TOP OF CURB
- TD = TOP OF DECK
- TG = TOP OF GRATE
- TR = TOP OF RIM
- TS = TRAFFIC SIGN
- TSLP = TRAFFIC SIGNAL LIGHT POLE
- TSMH = TRAFFIC SIGNAL MANHOLE
- TW = TOP OF WALL
- UE = UTILITY EASEMENT
- UM = UTILITY MARKER
- VP = VENT PIPE
- WF = WATER FAUCET
- WLE = WATER LINE EASEMENT
- WM = WATER METER
- WSE = WATER SURFACE ELEVATION
- WV = WATER VALVE
- WDF = WOOD FENCE
- (Z) = ZONING LINE
- X- = FENCELINE
- OC- = OVERHEAD COMMUNICATION
- OE- = OVERHEAD ELECTRIC
- SS- = SANITARY SEWER
- ST- = STORM SEWER
- = TOP/TOP OF SLOPE
- UC- = UNDERGROUND COMMUNICATION
- UE- = UNDERGROUND ELECTRIC
- UG- = UNDERGROUND GAS
- UT- = UNDERGROUND TELEPHONE
- WL- = WATERLINE

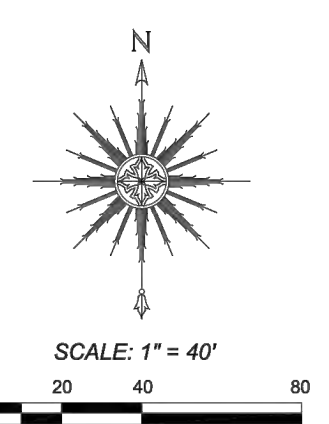
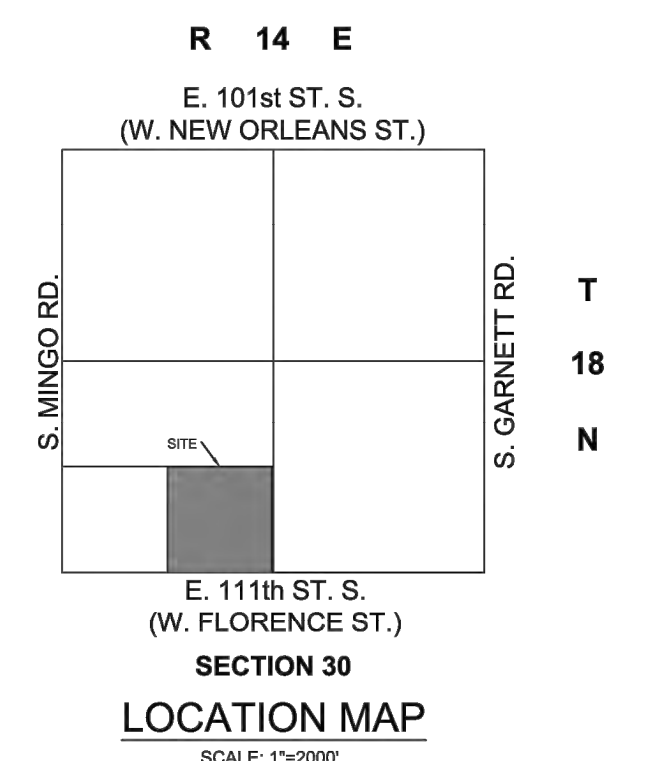


**LOT 1, BLOCK 1  
EVERGREEN BAPTIST CHURCH**

**LOT 1, BLOCK 1  
EVERGREEN BAPTIST CHURCH**

THE FOLLOWING RECORDED DOCUMENTS THAT HAVE BEEN PROVIDED IN TITLE OPINION (EFFECTIVE DATE: MARCH 1, 2022 AT 7:00 AM) BY SMITH BROTHERS ABSTRACT & TITLE CO., LLC AFFECT THE SUBJECT PROPERTY AS NOTED:

1. ALL SURVEY MATTERS AS CONTAINED WITHIN THE DEDICATION AND AS SHOWN ON THE PLAT OF EVERGREEN BAPTIST CHURCH, PLAT NO. 5941. DOCUMENT SUPERCEDED BY PLAT NO. 6030; NOTHING TO SHOW OR NOTE.
2. ALL SURVEY MATTERS AS CONTAINED WITHIN THE DEDICATION AND AS SHOWN ON THE PLAT OF EVERGREEN BAPTIST CHURCH AMENDED, PLAT NO. 6030. VARIOUS BUILDING SETBACK LINES AND UTILITY EASEMENTS AFFECT THE SURVEYED PROPERTY AS SHOWN HEREON; THE SURVEYED PROPERTY IS WHOLLY CONTAINED WITHIN THE DEDICATION.
3. TRANSMISSION LINE RIGHT-OF-WAY EASEMENT FROM N.E. WOOD AND ARRIE WOOD, HUSBAND AND WIFE, TO KAMO ELECTRIC COOPERATIVE, INCORPORATED, FILED IN BOOK 2436 PAGE 509. PARTIALLY RELEASED BY BOOK 4701 PAGE 894; NOTHING TO SHOW OR NOTE.
4. PARTIAL RELEASE OF EASEMENT FROM KAMO ELECTRIC COOPERATIVE, INCORPORATED TO RECORD OWNERS, FILED IN BOOK 4701 PAGE 894.
5. 100' WIDE RIGHT-OF-WAY AFFECTS THE WESTERLY 100' OF THE PARENT TRACT; DOES NOT ENCUMBER THE SURVEYED PROPERTY.
6. DEED AND ASSIGNMENT OF RIGHT-OF-WAY EASEMENTS FROM J.A. LAFORTUNE, JR., ET AL., TO KAMO ELECTRIC COOPERATIVE, INC., FILED IN BOOK 3892 PAGE 994. DOES NOT ENCUMBER THE SURVEYED PROPERTY.
7. DEED AND ASSIGNMENT OF RIGHT-OF-WAY EASEMENTS FROM GRAND RIVER DAM AUTHORITY TO PUBLIC SERVICE COMPANY OF OKLAHOMA, FILED IN BOOK 5216 PAGE 1121. 100' WIDE RIGHT-OF-WAY AFFECTS THE WESTERLY 100' OF THE PARENT TRACT; DOES NOT ENCUMBER THE SURVEYED PROPERTY.
8. REPORT OF COMMISSIONERS, TULSA COUNTY DISTRICT COURT CASE NO. C 73-1945. STYLED PUBLIC SERVICE COMPANY OF OKLAHOMA, AN OKLAHOMA CORPORATION, PLAINTIFF VS. RIGHT-OF-WAY EASEMENTS FOR ELECTRIC POWER TRANSMISSION LINE PURPOSES TO BE LOCATED UPON, OVER AND ACROSS CERTAIN TRACTS OF LAND IN TULSA COUNTY, OKLAHOMA, ET AL., FILED IN BOOK 4196 PAGE 1439. DOES NOT ENCUMBER THE SURVEYED PROPERTY.
9. SIDEWALK EASEMENT FROM EVERGREEN BAPTIST CHURCH TO THE CITY OF BROKEN ARROW, TULSA COUNTY, STATE OF OKLAHOMA, FILED AS DOCUMENT NO. 2005141489. 12' WIDE SIDEWALK EASEMENT AFFECTS THE OUTER PERIMETER OF THE PARENT TRACT; DOES NOT ENCUMBER THE SURVEYED PROPERTY, NO GRAPHICS SHOWN.
10. UNDERGROUND RIGHT-OF-WAY EASEMENT FROM EVERGREEN BAPTIST CHURCH TO PUBLIC SERVICE COMPANY OF OKLAHOMA, FILED AS DOCUMENT NO. 2007029695. 10' WIDE UNDERGROUND RIGHT-OF-WAY AFFECTS THE SURVEYED PROPERTY AS SHOWN HEREON.
11. MEMORANDUM OF MASTER PREPAID LEASE AND MANAGEMENT AGREEMENT BETWEEN T-MOBILE USA TOWER LLC AND CCTMO LLC, FILED AS DOCUMENT NO. 2014054914. 403 SQ. FT. LEASE AREA AFFECTS THE SURVEYED PROPERTY AS SHOWN HEREON.



**SURVEYOR'S NOTES**  
 PREPARED FOR: EVERGREEN BAPTIST CHURCH  
 PHYSICAL ADDRESS: 5900 W. FLORENCE ST., BROKEN ARROW, OK 74011  
 BEARINGS ARE BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, (3501 OK N), NORTH AMERICAN DATUM 1983 (NAD83).  
 TOPOGRAPHIC INFORMATION SHOWN HEREON IS RELATIVE TO NAVD 1988 DATUM USING ADS #BA 17, ELEVATION = 645.079' AS THE PRIMARY BENCHMARK. SITE BENCHMARK AS SHOWN HEREON. EXISTING CONTOUR INTERVAL IS 0.5'.  
 EASEMENT AND BUILDING SETBACK LINES SHOWN ON THE RECORDED PLAT ARE SHOWN HEREON. ADDITIONAL EASEMENTS PROVIDED BY SMITH BROS. EASEMENT SEARCH ARE SHOWN AND NOTED HEREON.  
 REFER TO CURRENT ZONING FOR NEW CONSTRUCTION GUIDELINES. SURVEYED PROPERTY IS ZONED R-2 PER INCOG ZONING MAP.  
 TOPO SURFACE MODEL GROSS LAND AREA: 204,476.7 SQ. FEET OR 4.69 ACRES.

WE HAVE EXAMINED A MAP BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; FLOOD INSURANCE RATE MAP; CITY OF BROKEN ARROW, OKLAHOMA, COMMUNITY PANEL NO. 401430388L - OCTOBER 16, 2012, WHICH INDICATES THE SURVEYED PROPERTY TO BE WITHIN UNSHADED ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN). THE SURVEYED PROPERTY IS NOT AFFECTED BY THE CITY OF TULSA REGULATORY FLOODPLAIN.

LAST SITE VISIT: FEBRUARY 10, 2022.  
 ALL UTILITIES MAY NOT BE SHOWN - CALL OKIE 1-800-522-6543!  
 UNDERGROUND UTILITIES SHOWN HEREON WERE DERIVED FROM OBSERVABLE FIELD EVIDENCE AND OKIE ONE-CALL TICKET #22021409071261 AND 22021409021213.

**CERTIFICATE OF SURVEY**

FRITZ LAND SURVEYING, LLC AND THE UNDERSIGNED PROFESSIONAL LAND SURVEYOR, UNDER CERTIFICATE OF AUTHORIZATION CA #5848, DO HEREBY STATE THAT THIS PLAT OF SURVEY IS A TRUE AND ACCURATE REPRESENTATION OF THE SURVEY MADE ON THE GROUND AND OF THE FACTS AS FOUND AT THE TIME OF THE SURVEY AND THAT THIS PLAT MEETS OR EXCEEDS THE MINIMUM TECHNICAL STANDARDS ADOPTED BY THE OKLAHOMA STATE BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

WITNESS MY HAND AND SEAL THIS 28th DAY OF MARCH, 2022.  
 ANDY FRITZ, PLS  
 OK LIC. 1694  
 CA #5848



TOPOGRAPHIC SURVEY			
LOT 1, BLOCK 1, EVERGREEN BAPTIST CHURCH AMENDED 5900 W. FLORENCE ST., BROKEN ARROW, OK 74011			
SURVEY: MLL	DATE: 02.10.2022	PREPARED BY:	FRITZ LAND SURVEYING, LLC
DRAFT: RLL	DATE: 03.22.2022		2017 W. 91ST STREET, TULSA, OK 74132
APPROVED: PLS	DATE: 03.28.2022		PH: 918.231.0575
REV:	PROJECT NO.: 22043		FRITZLANDSURVEYING@GMAIL.COM C.A. # 5848. EXPIRES: 6-30-2022



**TOPOGRAPHIC SURVEY**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB

**C100**

SCALE: AS SHOWN

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BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

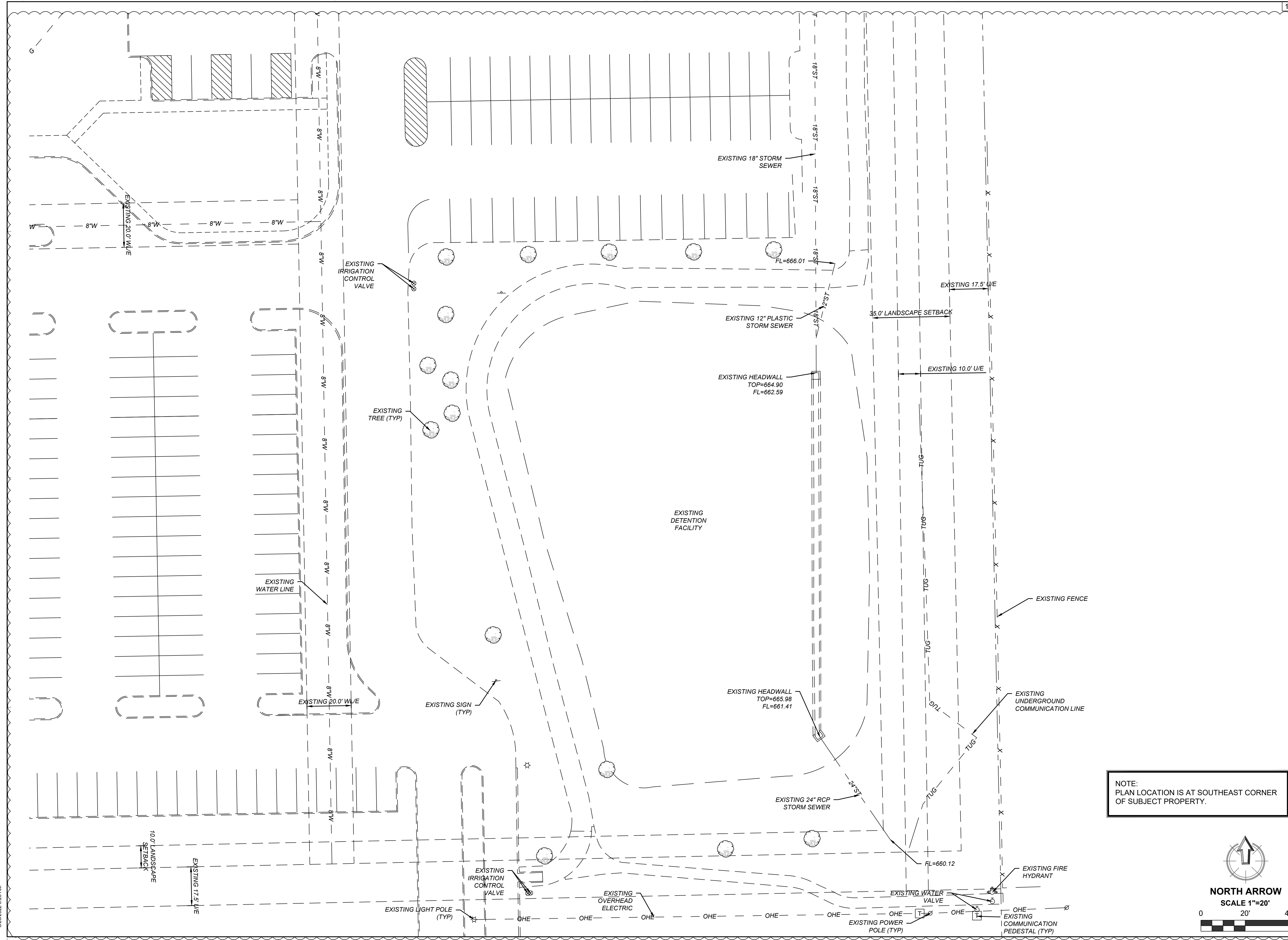
REVISIONS	REVISION #3
08/12/2022	1

**EXISTING SITE PLAN**

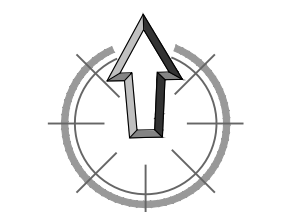
JOB 220119  
 ISSUE 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB



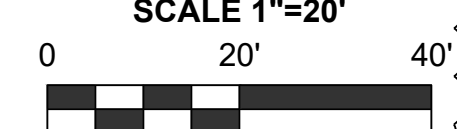
**C101**  
 SCALE AS SHOWN



NOTE:  
 PLAN LOCATION IS AT SOUTHEAST CORNER  
 OF SUBJECT PROPERTY.



**NORTH ARROW**  
 SCALE 1"=20'



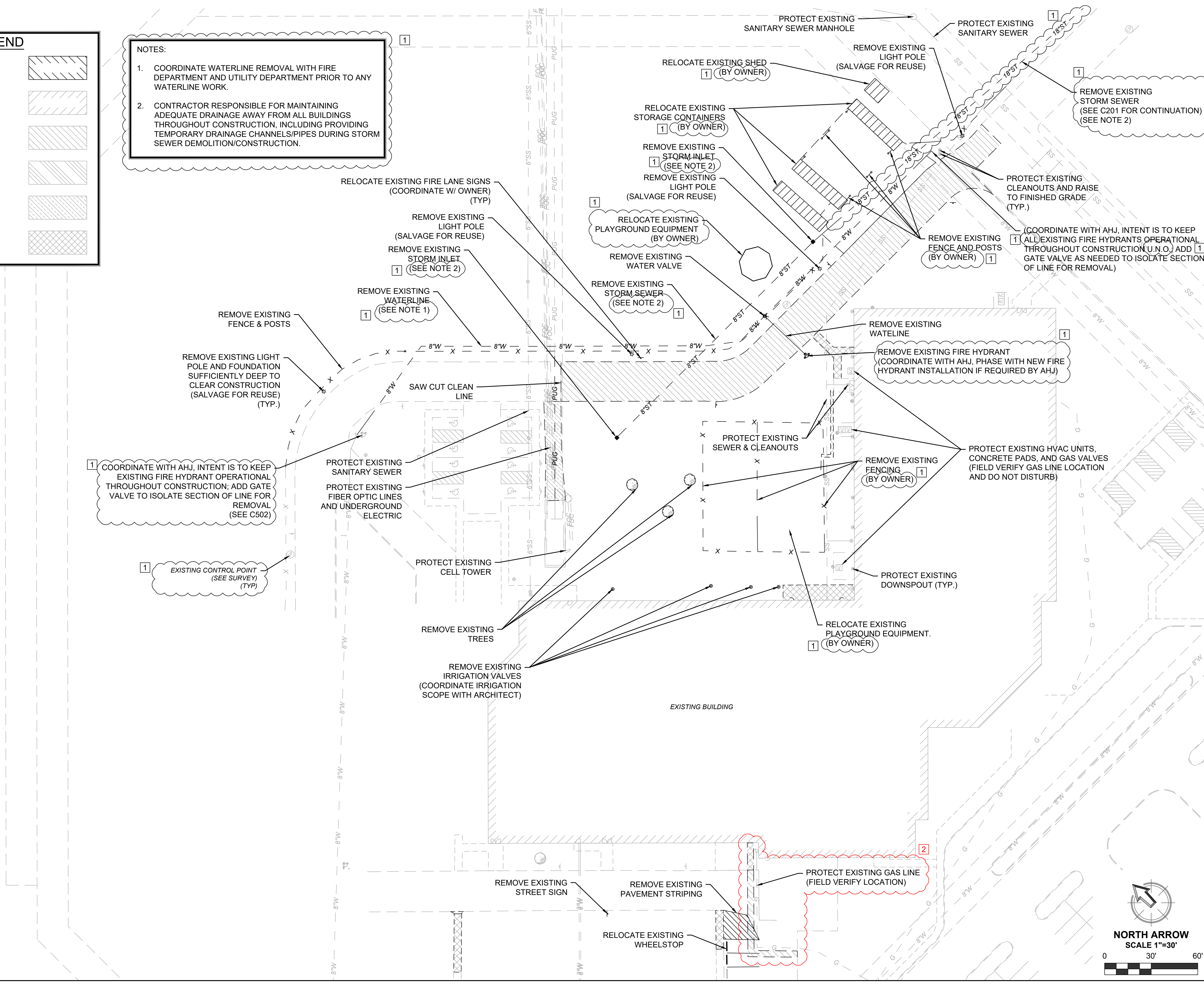
8/26/2022 8:28 AM

**LEGEND**

- BUILDING REMOVAL
- BUILDING TO REMAIN
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- GRAVEL REMOVAL (SALVAGE FOR RE-USE)
- SIDEWALK REMOVAL

**NOTES:**

- COORDINATE WATERLINE REMOVAL WITH FIRE DEPARTMENT AND UTILITY DEPARTMENT PRIOR TO ANY WATERLINE WORK.
- CONTRACTOR RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AWAY FROM ALL BUILDINGS THROUGHOUT CONSTRUCTION, INCLUDING PROVIDING TEMPORARY DRAINAGE CHANNELS/PIPES DURING STORM SEWER DEMOLITION/CONSTRUCTION.



BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

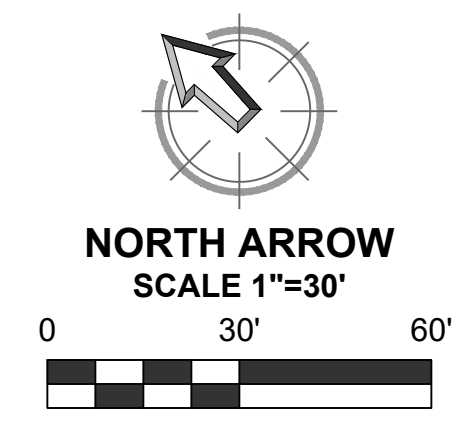
10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS	1	REVISION #3
08/12/2022		
08/26/2022		REVISION #4

**DEMOLITION PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB

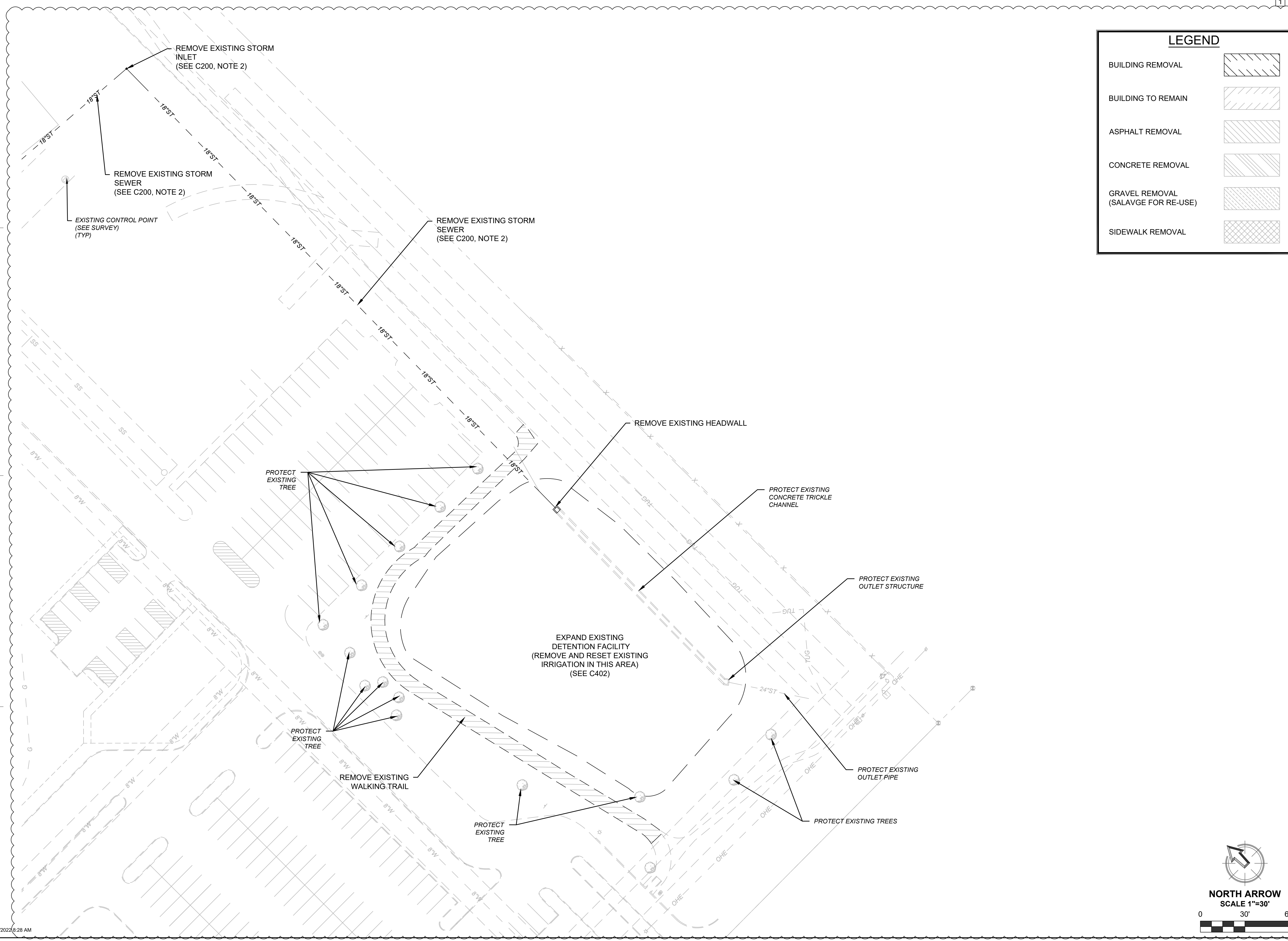
**C200**  
 SCALE: AS SHOWN



LEGEND	
BUILDING REMOVAL	
BUILDING TO REMAIN	
ASPHALT REMOVAL	
CONCRETE REMOVAL	
GRAVEL REMOVAL (SALAVGE FOR RE-USE)	
SIDEWALK REMOVAL	

CONSULTANT:  
 Reference Cover Sheet  
 for Consultant Directory

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BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

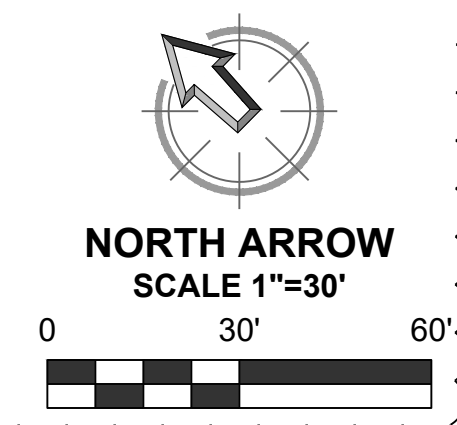
10301 EAST 11th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS	REVISION #3
08/12/2022	1

**DEMOLITION PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB

**C201**  
 SCALE: AS SHOWN



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 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS  
 08/12/2022 1 REVISION #3

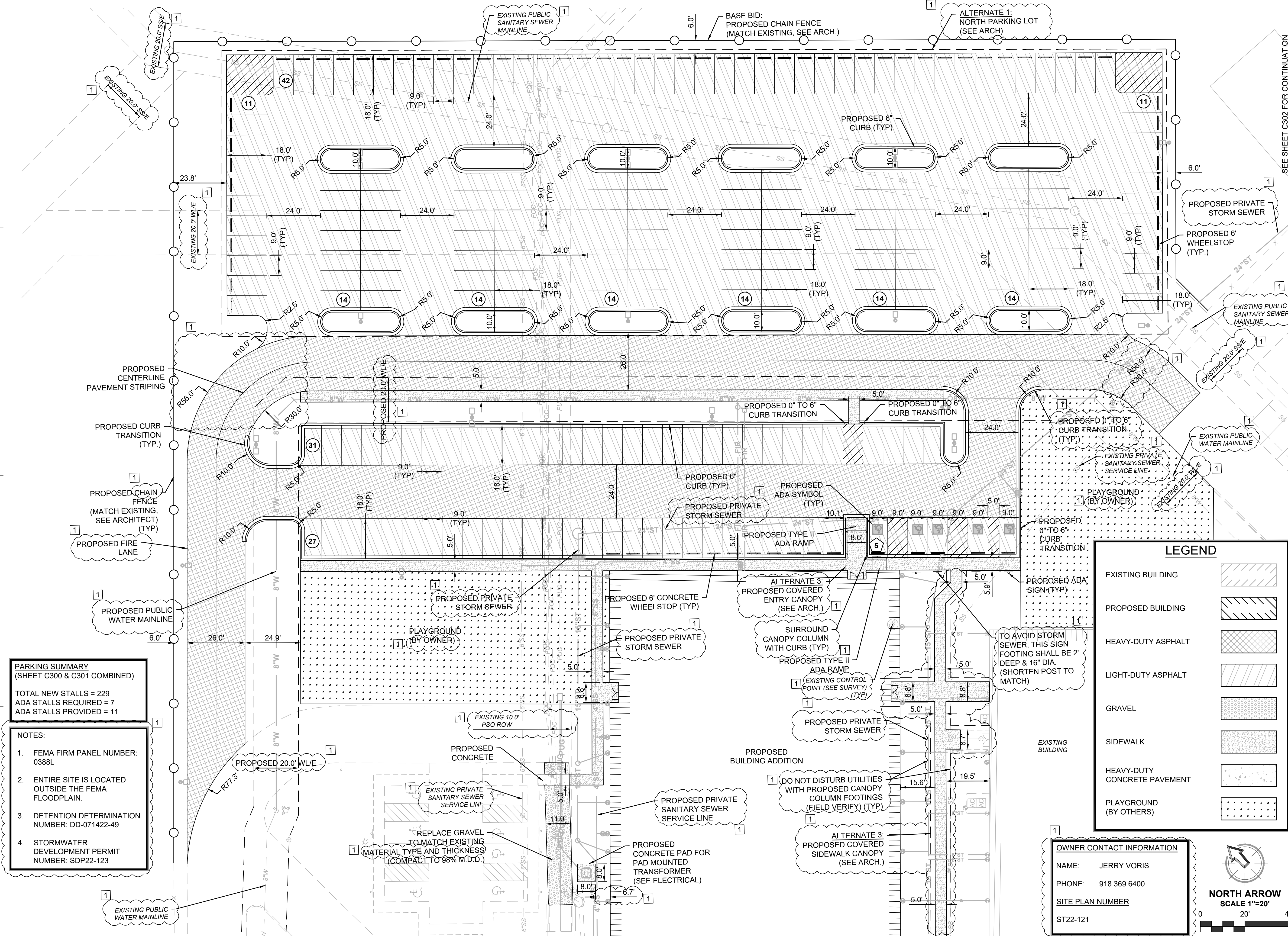
**SITE PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB



**C300**

SCALE: AS SHOWN



**PARKING SUMMARY**  
 (SHEET C300 & C301 COMBINED)  
 TOTAL NEW STALLS = 229  
 ADA STALLS REQUIRED = 7  
 ADA STALLS PROVIDED = 11

**NOTES:**

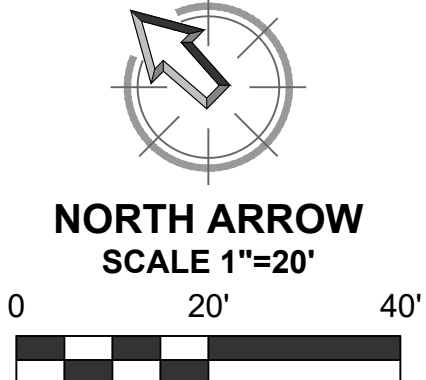
- FEMA FIRM PANEL NUMBER: 0388L
- ENTIRE SITE IS LOCATED OUTSIDE THE FEMA FLOODPLAIN.
- DETENTION DETERMINATION NUMBER: DD-071422-49
- STORMWATER DEVELOPMENT PERMIT NUMBER: SDP22-123

**LEGEND**

EXISTING BUILDING	
PROPOSED BUILDING	
HEAVY-DUTY ASPHALT	
LIGHT-DUTY ASPHALT	
GRAVEL	
SIDEWALK	
HEAVY-DUTY CONCRETE PAVEMENT	
PLAYGROUND (BY OTHERS)	

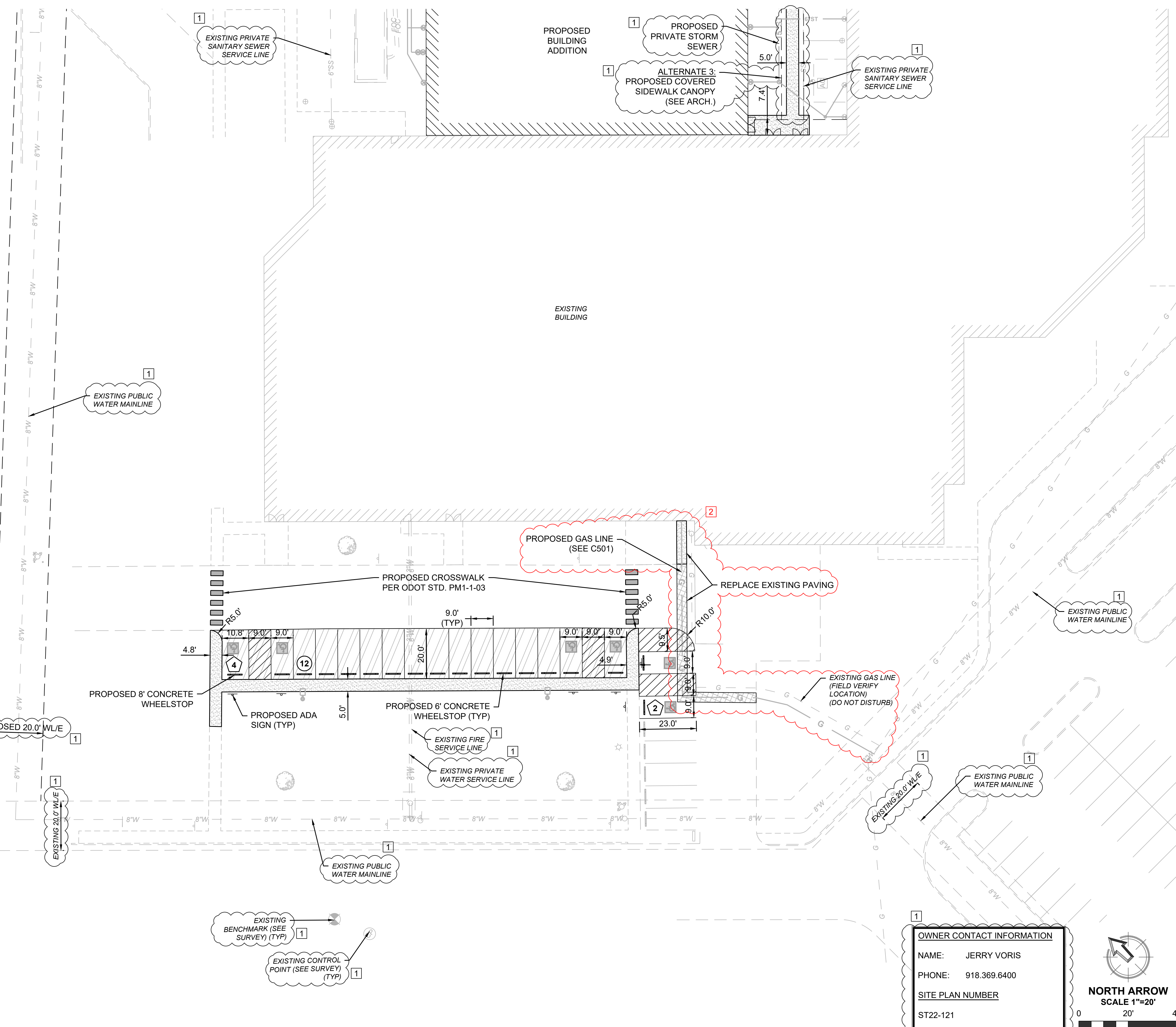
**OWNER CONTACT INFORMATION**

NAME: JERRY VORIS  
 PHONE: 918.369.6400  
 SITE PLAN NUMBER  
 ST22-121



8/26/2022 8:28 AM

LEGEND	
EXISTING BUILDING	
PROPOSED BUILDING	
HEAVY-DUTY ASPHALT	
LIGHT-DUTY ASPHALT	
GRAVEL	
SIDEWALK	
HEAVY-DUTY CONCRETE PAVEMENT	
PLAYGROUND (BY OTHERS)	

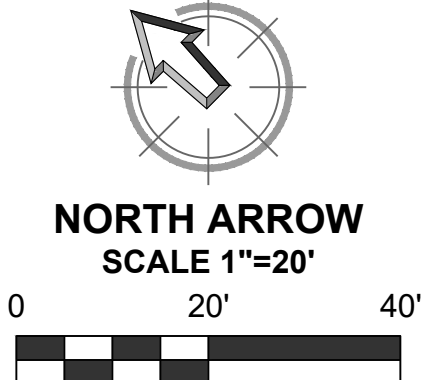


**NOTES:**

- FEMA FIRM PANEL NUMBER: 0388L
- ENTIRE SITE IS LOCATED OUTSIDE THE FEMA FLOODPLAIN.
- DETENTION DETERMINATION NUMBER: DD-071422-49
- STORMWATER DEVELOPMENT PERMIT NUMBER: SDP22-123

**OWNER CONTACT INFORMATION**

NAME: JERRY VORIS  
 PHONE: 918.369.6400  
 SITE PLAN NUMBER  
 ST22-121



**REED ARCHITECTURE & INTERIORS**  
 18 E. Hobson Avenue  
 Sapulpa, OK 74066  
 918.884.6007  
**"The Team You Trust"**

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BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS	REVISION #1	REVISION #3
08/12/2022	1	REVISION #3
08/26/2022	2	REVISION #4

**SITE PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB

**C301**

SCALE: AS SHOWN

**AUSTIN C. BURTON**  
 2022-08-26  
 28508  
 OKLAHOMA

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**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

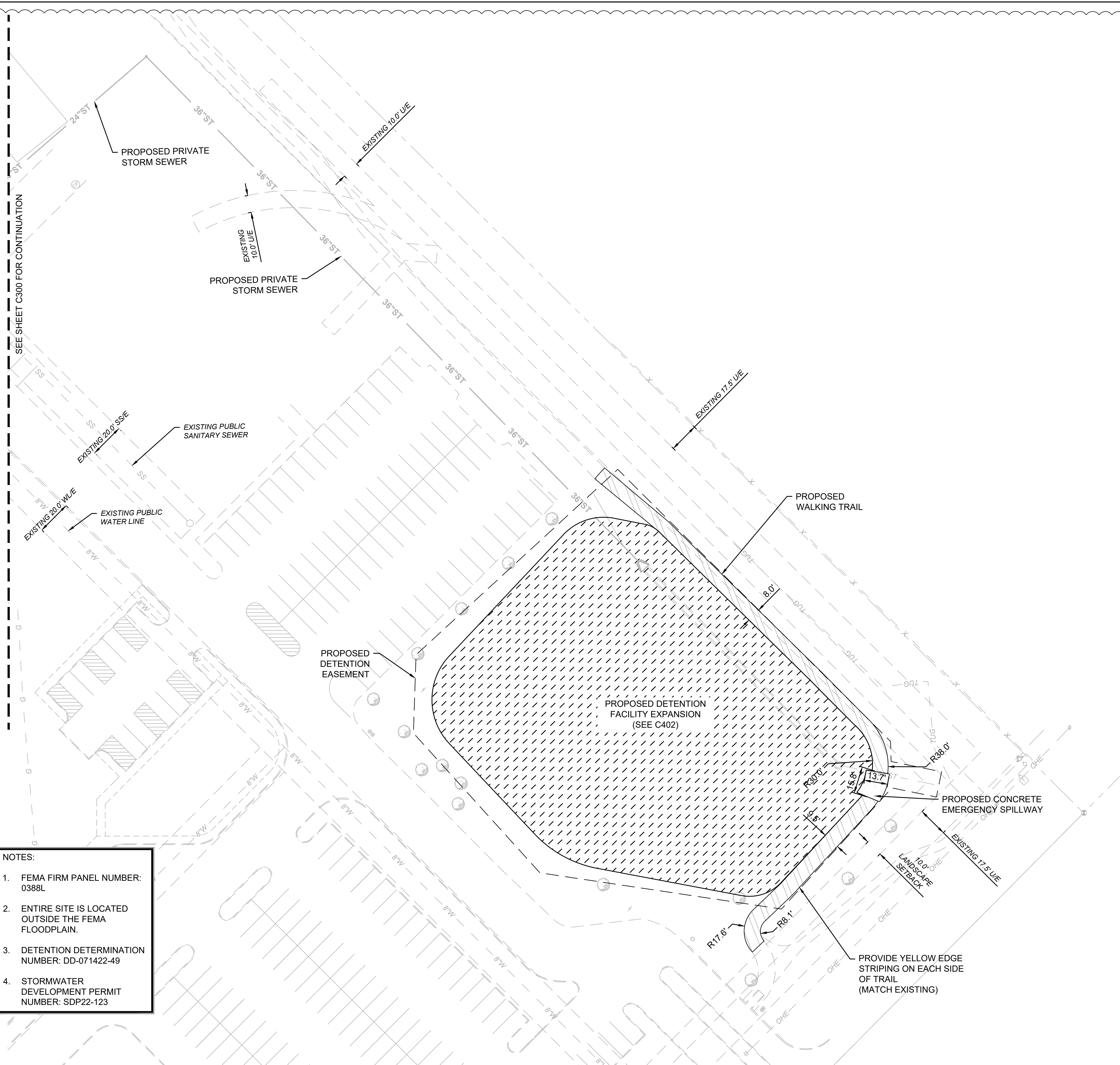
REVISIONS  
 08/12/2022 1 REVISION #3

**SITE PLAN**

JOB 220119  
 ISSUE 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB



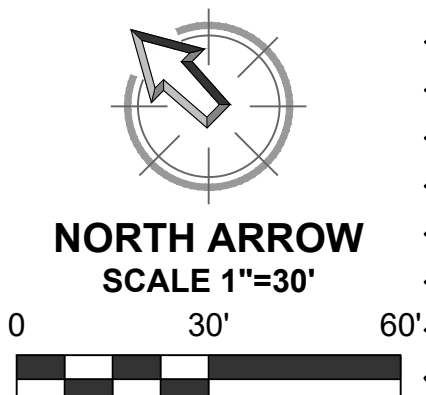
**C302**  
 SCALE AS SHOWN



LEGEND	
EXISTING BUILDING	[Hatched pattern]
PROPOSED BUILDING	[Diagonal hatched pattern]
HEAVY-DUTY ASPHALT	[Cross-hatched pattern]
LIGHT-DUTY ASPHALT	[Diagonal hatched pattern]
GRAVEL	[Dotted pattern]
SIDEWALK	[Stippled pattern]
HEAVY-DUTY CONCRETE PAVEMENT	[Stippled pattern]
PLAYGROUND (BY OTHERS)	[Dotted pattern]

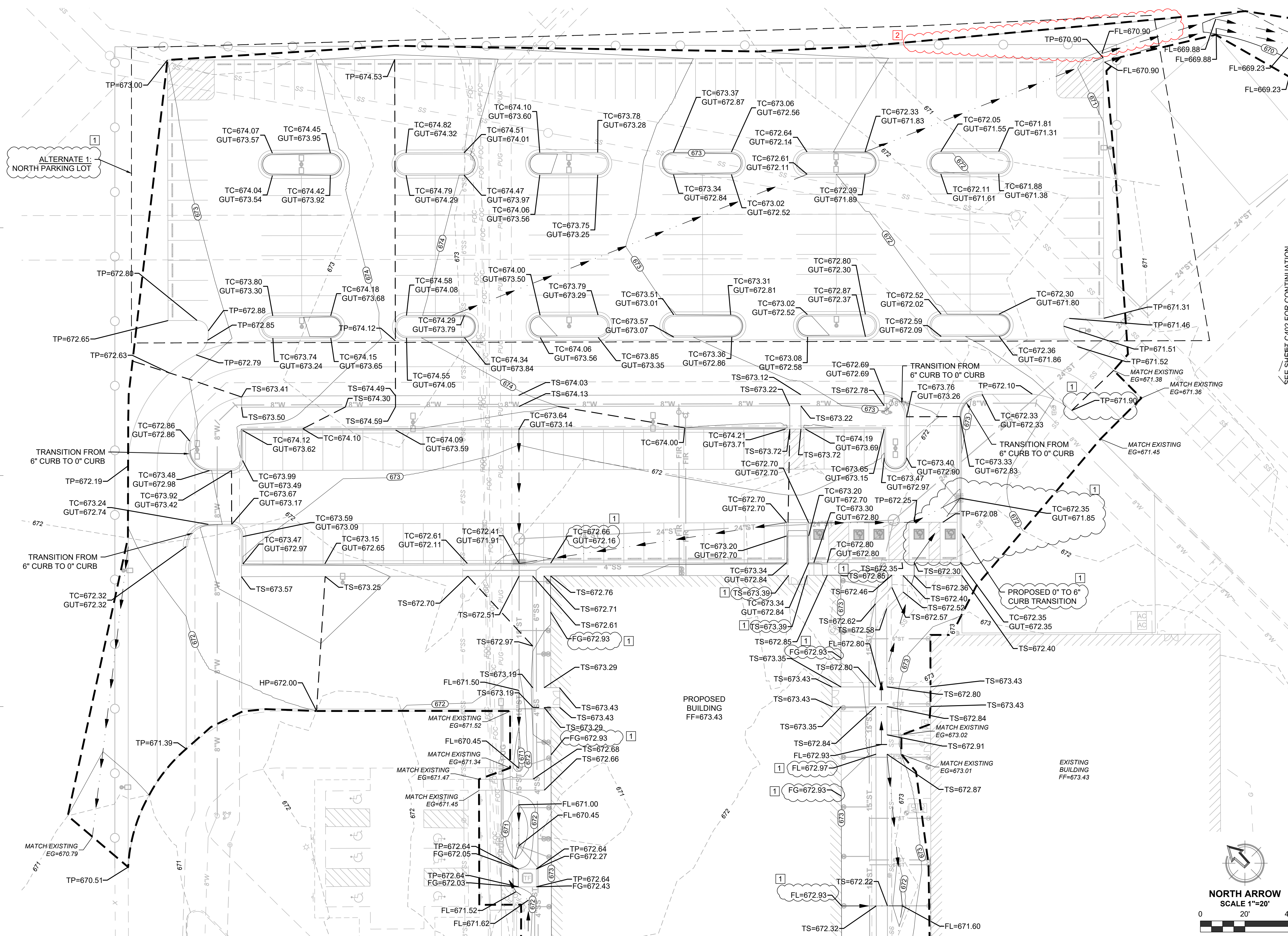
- NOTES:**
- FEMA FIRM PANEL NUMBER: 0388L
  - ENTIRE SITE IS LOCATED OUTSIDE THE FEMA FLOODPLAIN.
  - DETENTION DETERMINATION NUMBER: DD-071422-49
  - STORMWATER DEVELOPMENT PERMIT NUMBER: SDP22-123

**OWNER CONTACT INFORMATION**  
 NAME: JERRY VORIS  
 PHONE: 918.369.6400  
 SITE PLAN NUMBER  
 ST22-121





SEE SHEET C402 FOR CONTINUATION



BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

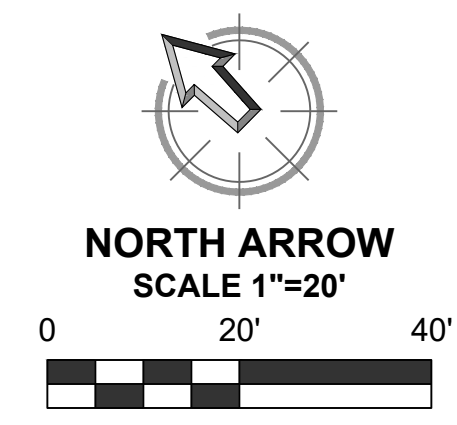
10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS	DATE	REVISION #
08/12/2022	1	Revision #3
08/26/2022	2	Revision #4

**GRADING PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB

**C400**  
 SCALE: AS SHOWN



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 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

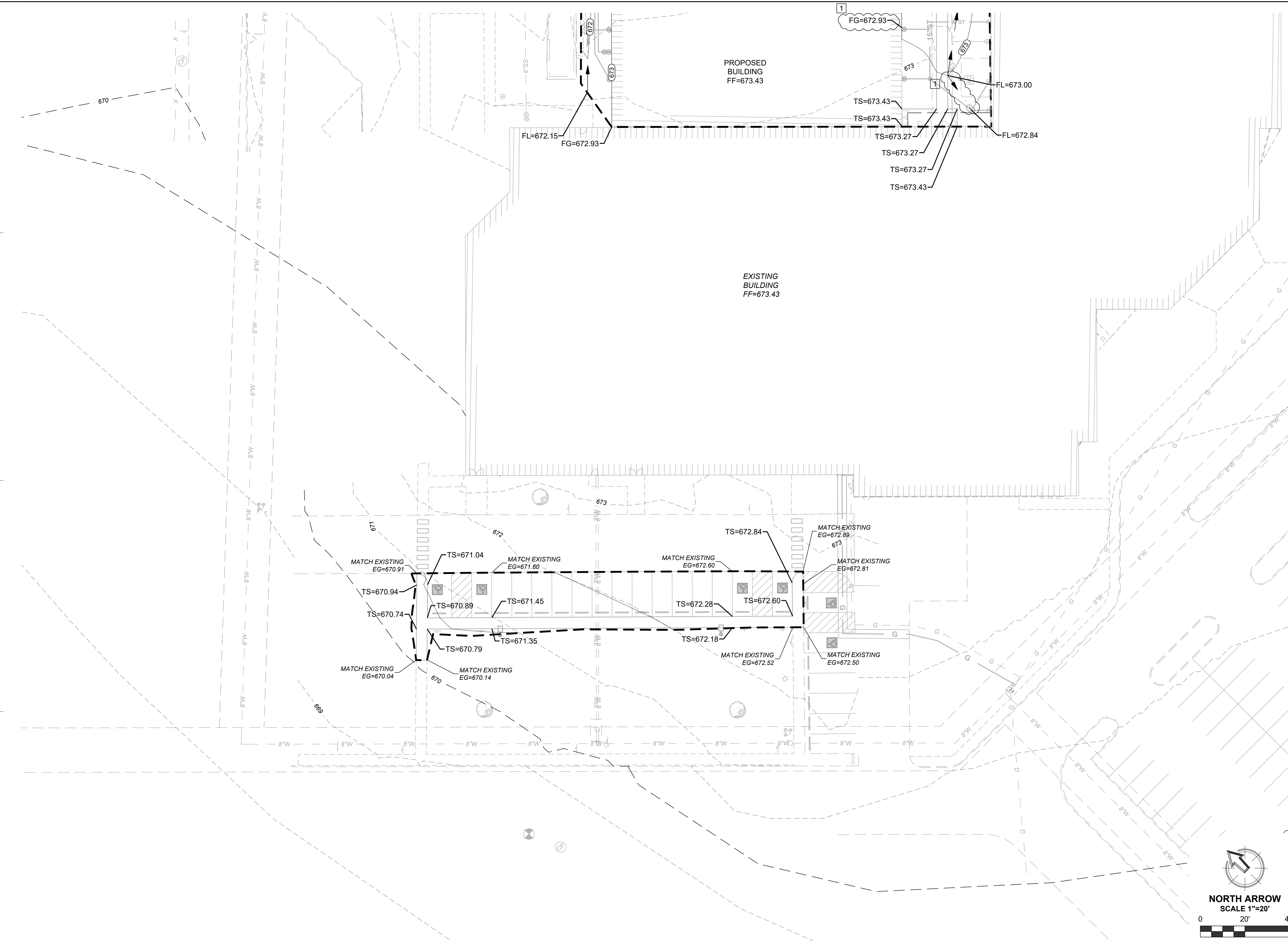
REVISIONS	DATE	DESCRIPTION
1	08/12/2022	Revision #3

**GRADING PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB



**C401**  
 SCALE: AS SHOWN



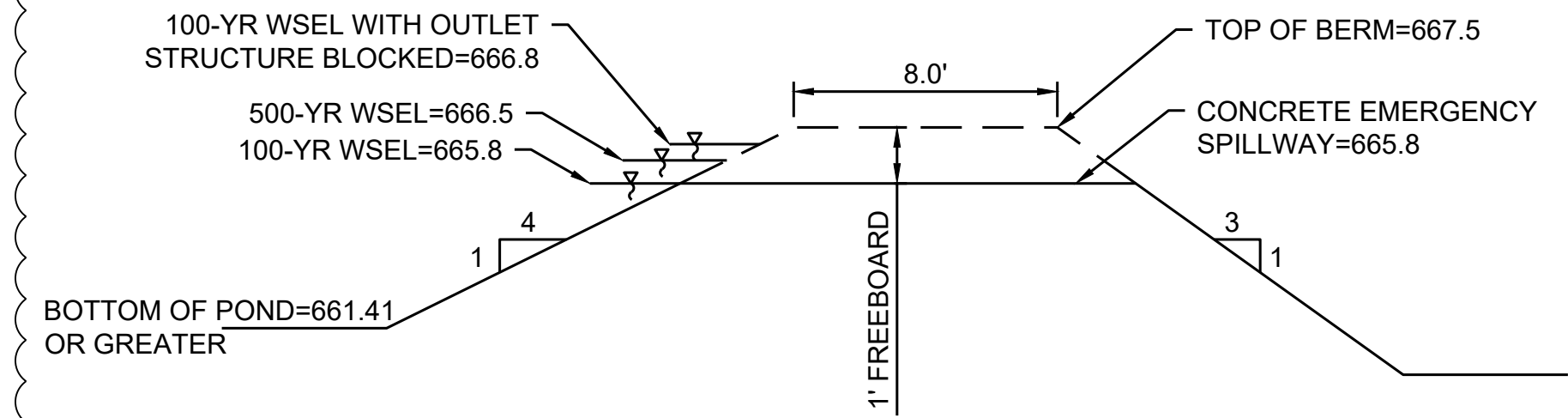
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**NOTES:**

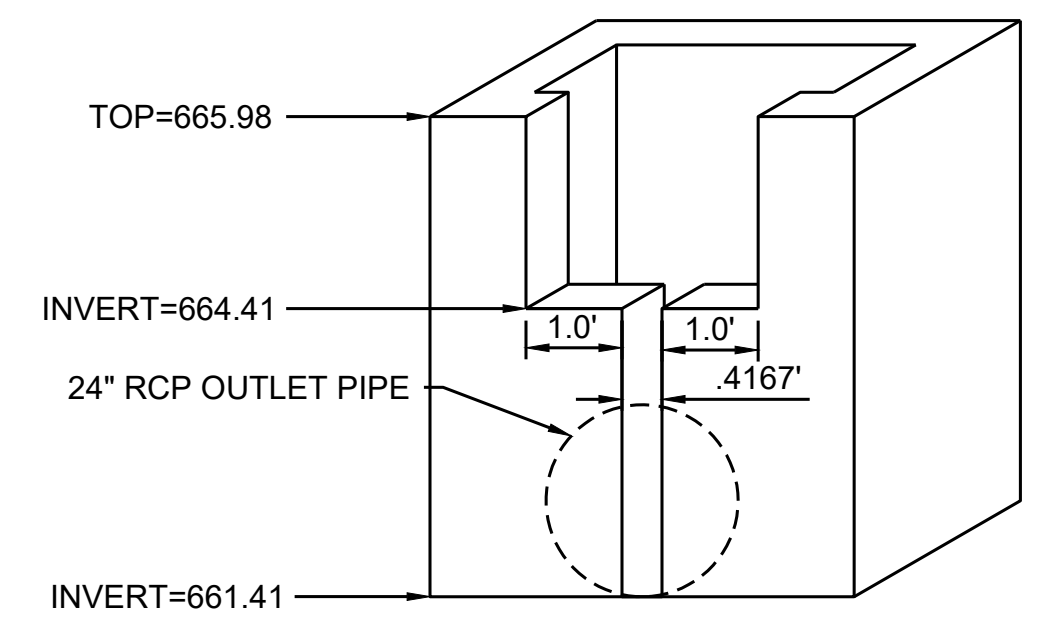
- SOLID SLAB SOD ALL DISTURBED AREAS.
- REMOVE AND RESET ALL IRRIGATION COMPONENTS WITHIN DISTURBED AREA (SEE ARCH.)

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**1 TYPICAL BERM CROSS-SECTION**  
 NTS



NOTE:  
 EXISTING OUTLET STRUCTURE SHALL NOT BE MODIFIED.

**2 EXISTING OUTLET STRUCTURE**  
 NTS

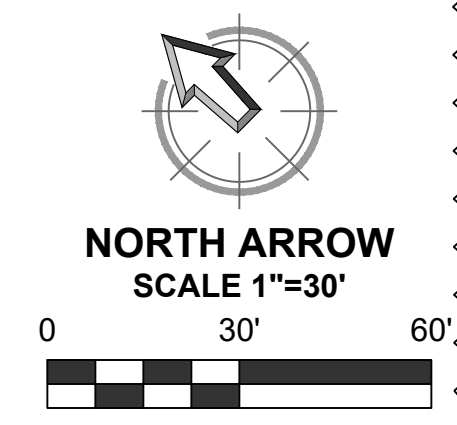
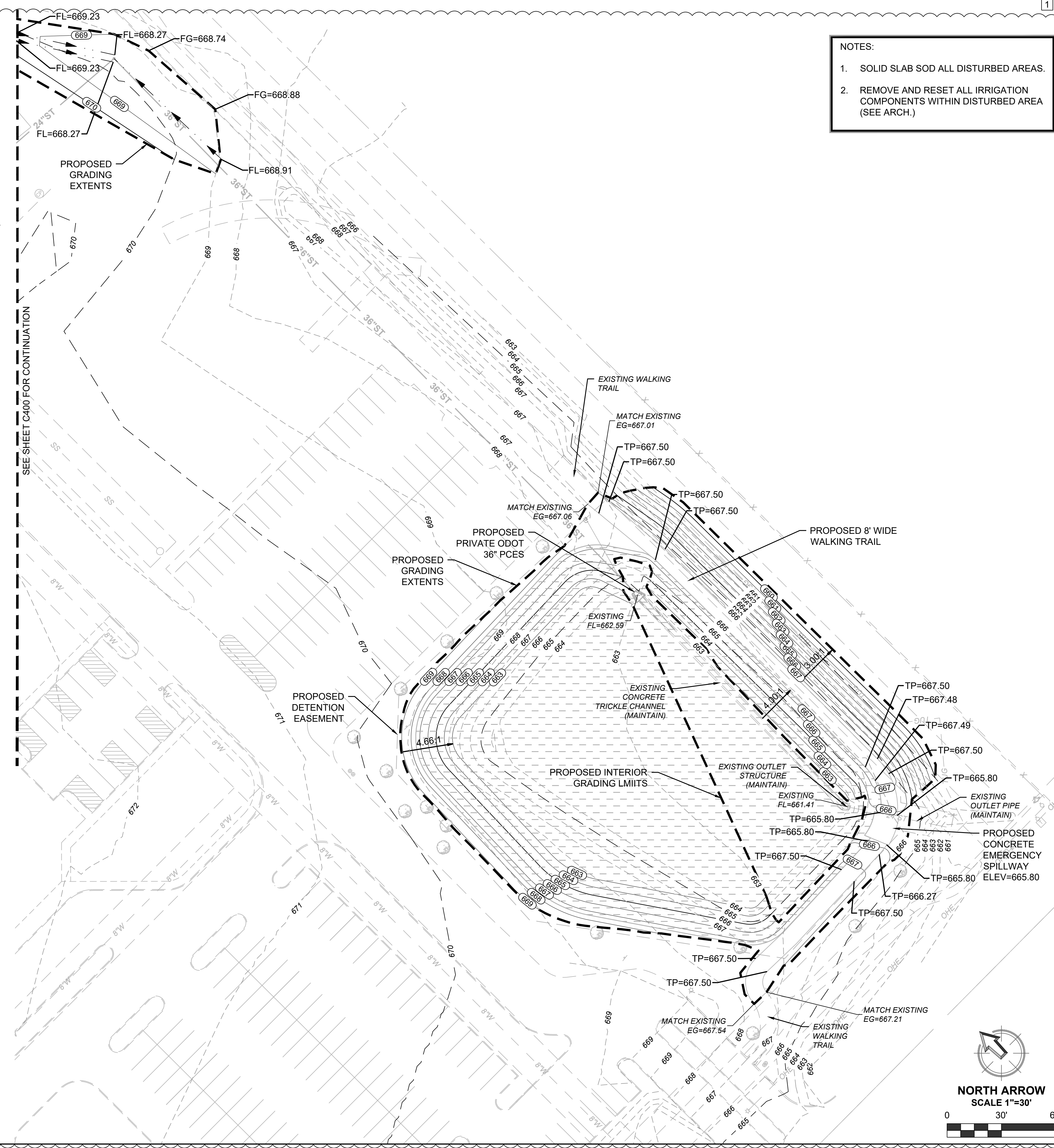
	DISCHARGE RUNOFF RATES (CFS)				
	5-YEAR	10-YEAR	50-YEAR	100-YEAR	500-YEAR
EXISTING*	6.1	10.5	18.8	23.2	34.5
PROPOSED	6.1	8.8	17.2	22.0	62.4

\*FROM BERWICK DRAINAGE REPORT (2005). SEE DRAINAGE REPORT.

	POND INFLOW AND OUTFLOW (CFS)				
	5-YEAR	10-YEAR	50-YEAR	100-YEAR	500-YEAR
INFLOW	37.5	46.9	66.4	76.1	106.5
OUTFLOW	6.1	8.8	17.2	22.0	62.4

WATER SURFACE ELEVATIONS	
100-YEAR WSEL	665.8
500-YEAR WSEL	666.5

**NOTE:**  
 REFERENCE HYDROLOGY AND HYDRAULICS REPORT FOR SUPPORTING CALCULATIONS AND DOCUMENTATION ASSOCIATED WITH PROPOSED DETENTION FACILITY EXPANSION.



BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS  
 08/12/2022 [1] Revision #3

**GRADING PLAN**


JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB

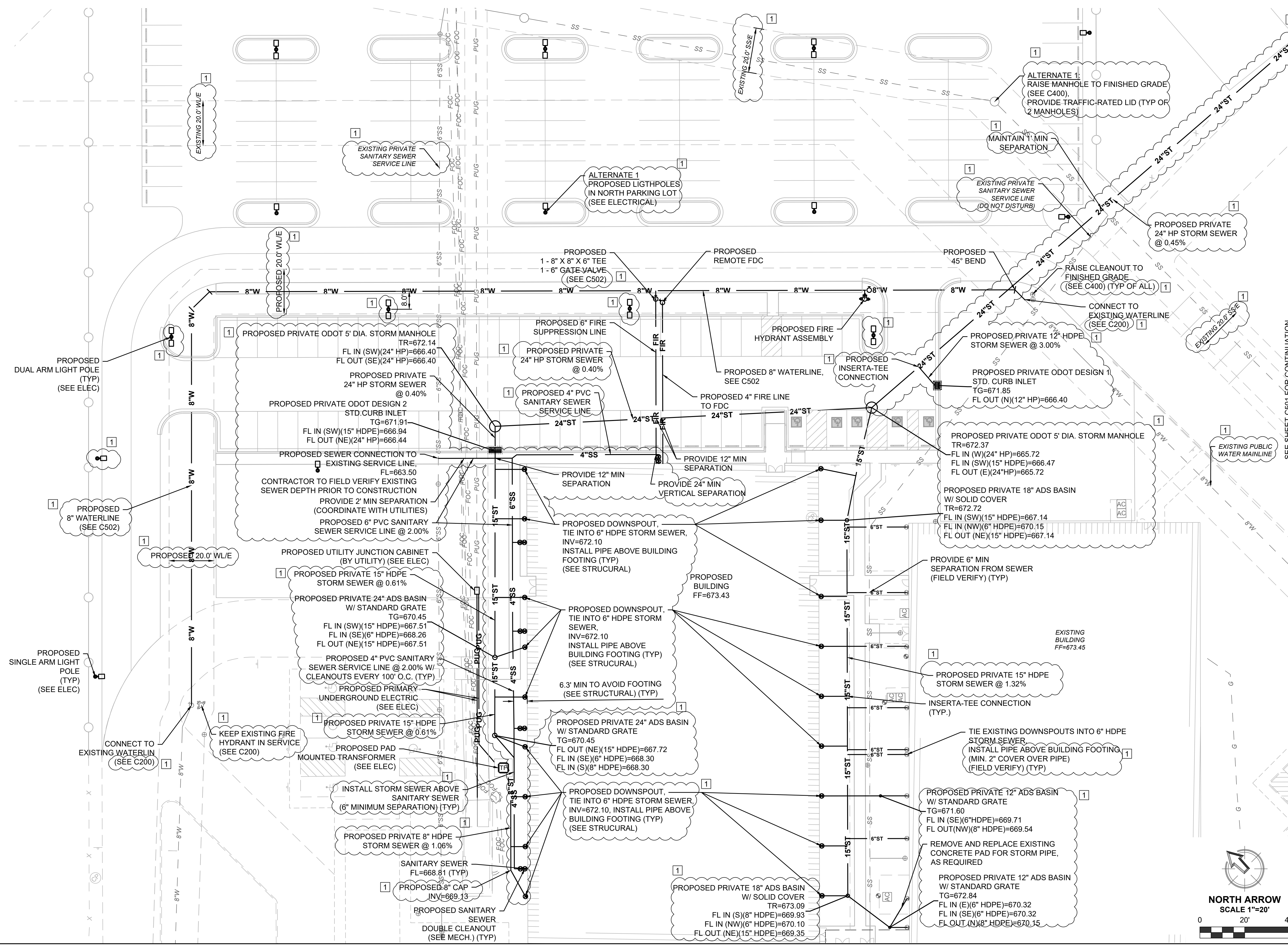
**C402**  
 SCALE: AS SHOWN

**PROFESSIONAL ENGINEER**  
 JUSTIN C. BURTON  
 2022-08-26  
 28508  
 OKLAHOMA

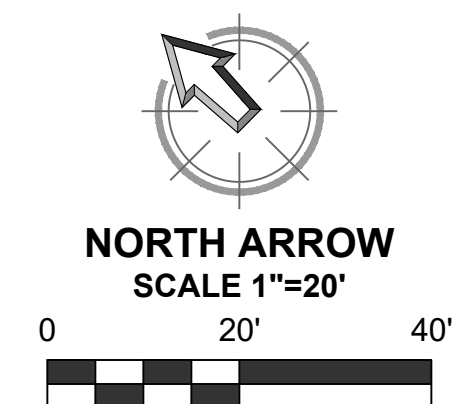
REVISIONS	REVISION #3
08/12/2022	1

**UTILITY PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB  
 SCALE: AS SHOWN  




SEE SHEET C501 FOR CONTINUATION



8/26/2022 8:29 AM

BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

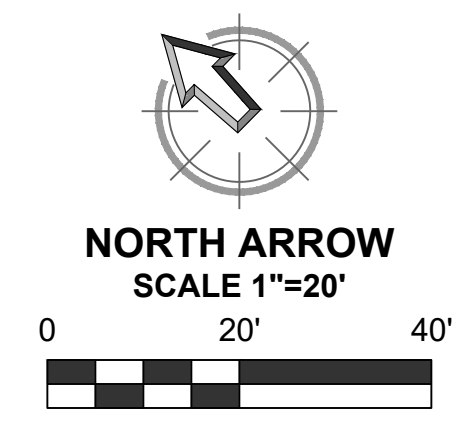
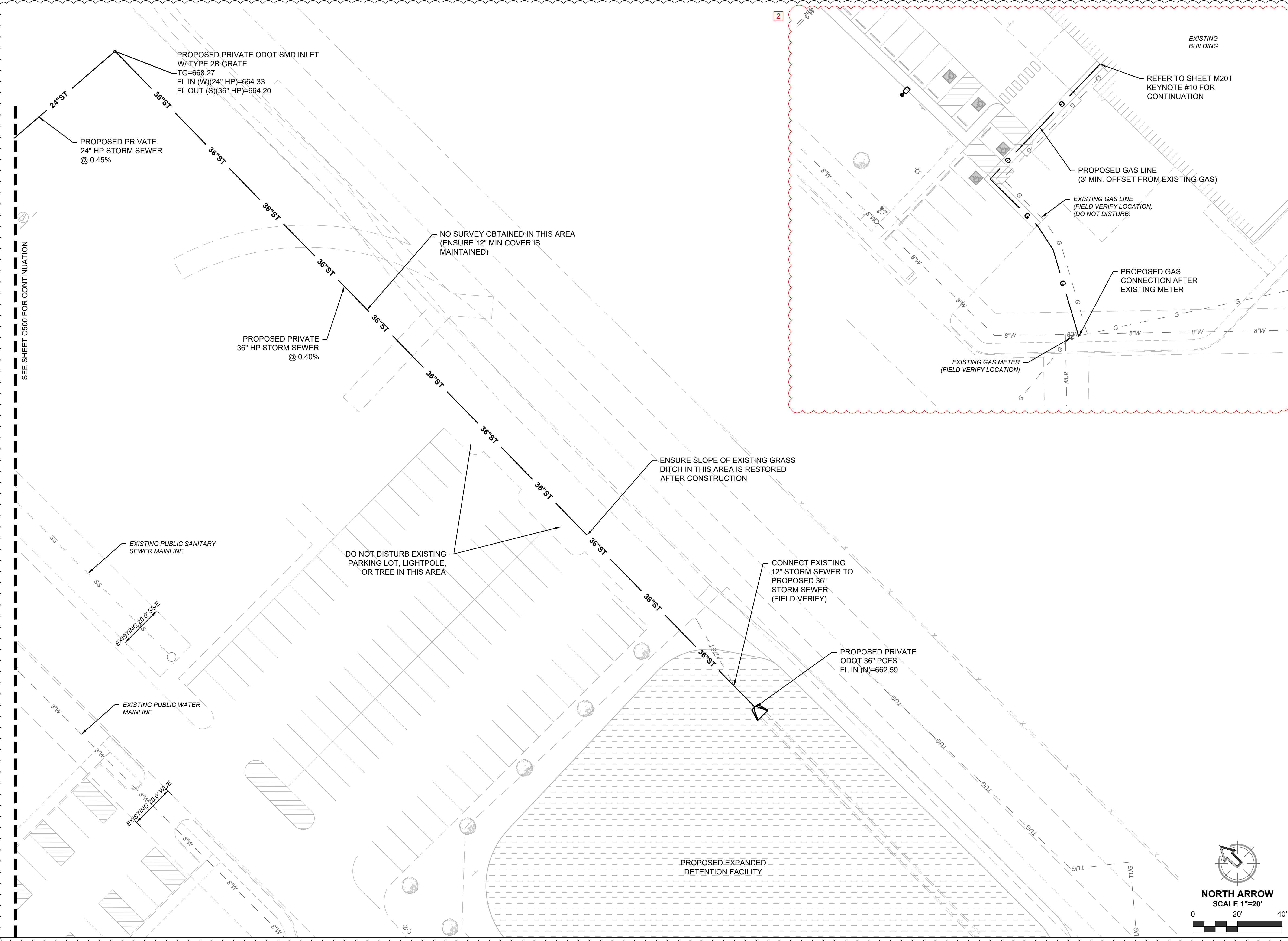
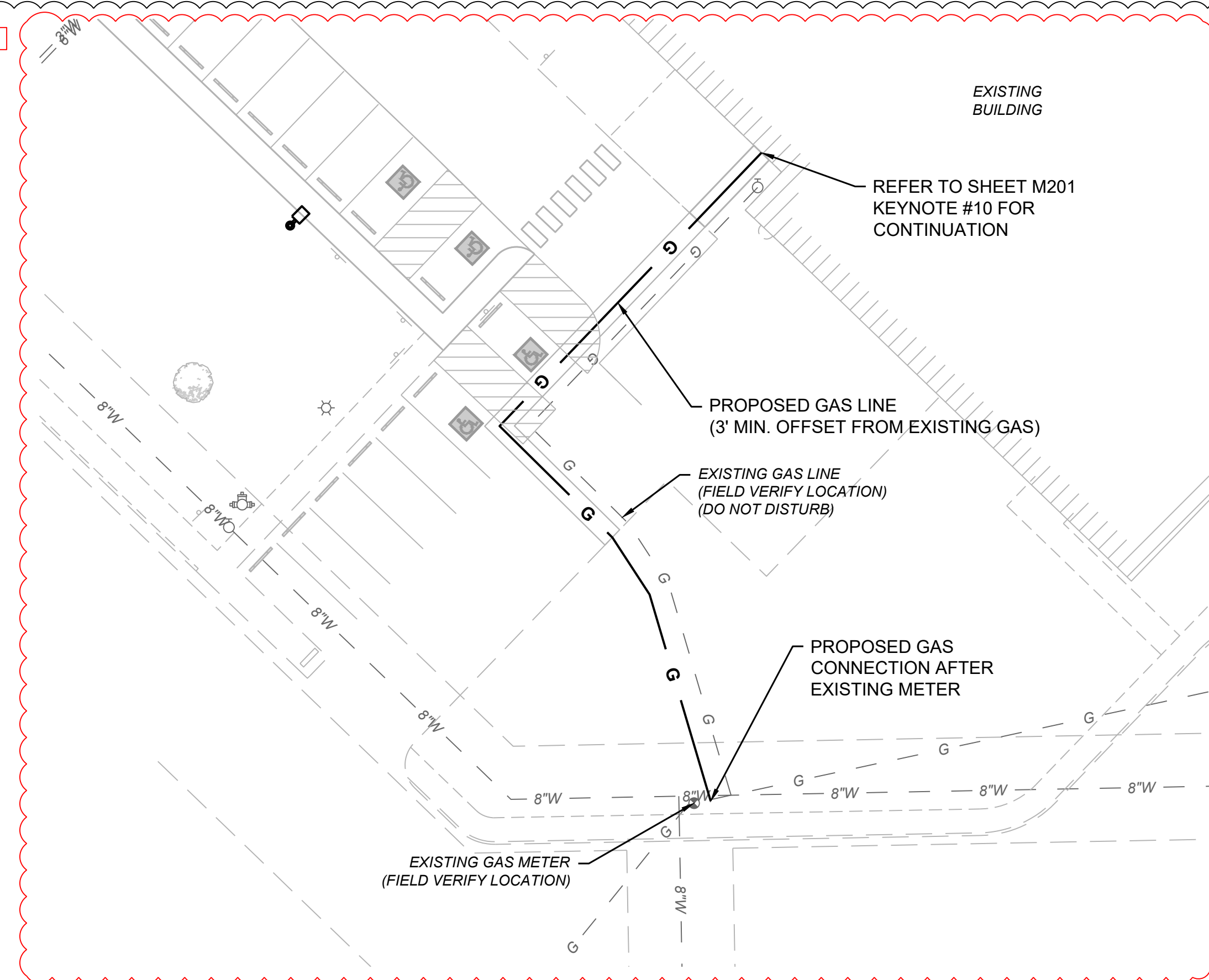
REVISIONS	1	REVISION #3
08/12/2022		
08/26/2022	2	REVISION #4

**UTILITY PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB

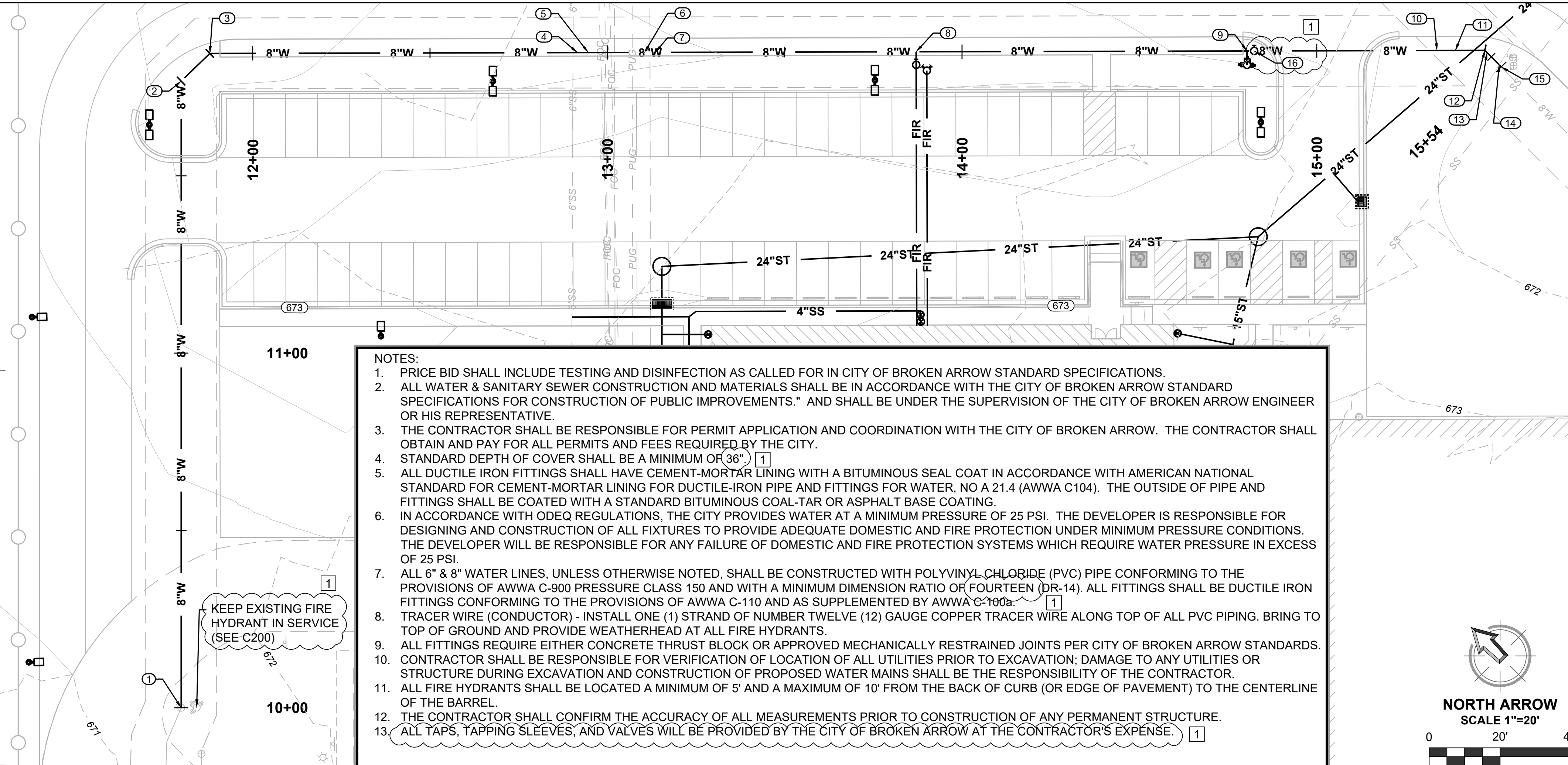


**C501**  
 SCALE: AS SHOWN



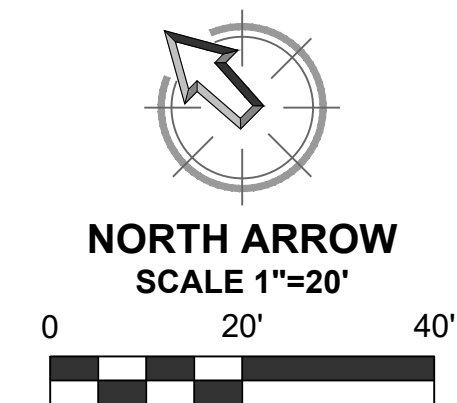
SEE SHEET C500 FOR CONTINUATION

8/26/2022 8:29 AM



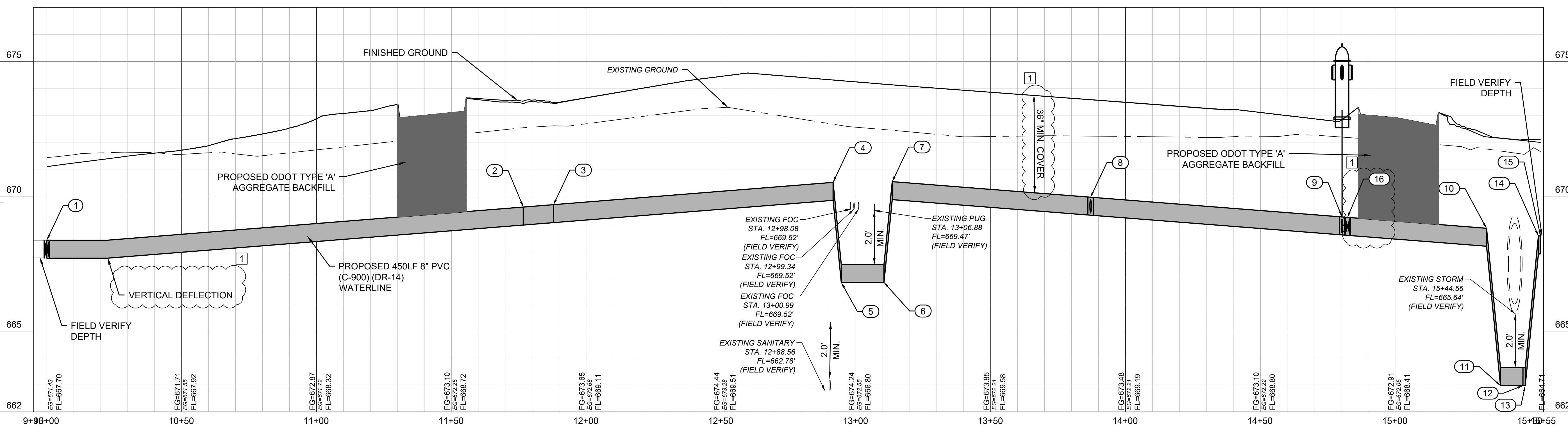
- NOTES:**
1. PRICE BID SHALL INCLUDE TESTING AND DISINFECTION AS CALLED FOR IN CITY OF BROKEN ARROW STANDARD SPECIFICATIONS.
  2. ALL WATER & SANITARY SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF BROKEN ARROW STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS." AND SHALL BE UNDER THE SUPERVISION OF THE CITY OF BROKEN ARROW ENGINEER OR HIS REPRESENTATIVE.
  3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMIT APPLICATION AND COORDINATION WITH THE CITY OF BROKEN ARROW. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED BY THE CITY.
  4. STANDARD DEPTH OF COVER SHALL BE A MINIMUM OF 36".
  5. ALL DUCTILE IRON FITTINGS SHALL HAVE CEMENT-MORTAR LINING WITH A BITUMINOUS SEAL COAT IN ACCORDANCE WITH AMERICAN NATIONAL STANDARD FOR CEMENT-MORTAR LINING FOR DUCTILE-IRON PIPE AND FITTINGS FOR WATER, NO A 21.4 (AWWA C104). THE OUTSIDE OF PIPE AND FITTINGS SHALL BE COATED WITH A STANDARD BITUMINOUS COAL-TAR OR ASPHALT BASE COATING.
  6. IN ACCORDANCE WITH ODEQ REGULATIONS, THE CITY PROVIDES WATER AT A MINIMUM PRESSURE OF 25 PSI. THE DEVELOPER IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTION OF ALL FIXTURES TO PROVIDE ADEQUATE DOMESTIC AND FIRE PROTECTION UNDER MINIMUM PRESSURE CONDITIONS. THE DEVELOPER WILL BE RESPONSIBLE FOR ANY FAILURE OF DOMESTIC AND FIRE PROTECTION SYSTEMS WHICH REQUIRE WATER PRESSURE IN EXCESS OF 25 PSI.
  7. ALL 6" & 8" WATER LINES, UNLESS OTHERWISE NOTED, SHALL BE CONSTRUCTED WITH POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO THE PROVISIONS OF AWWA C-900 PRESSURE CLASS 150 AND WITH A MINIMUM DIMENSION RATIO OF FOURTEEN (DR-14). ALL FITTINGS SHALL BE DUCTILE IRON FITTINGS CONFORMING TO THE PROVISIONS OF AWWA C-110 AND AS SUPPLEMENTED BY AWWA C-160a.
  8. TRACER WIRE (CONDUCTOR) - INSTALL ONE (1) STRAND OF NUMBER TWELVE (12) GAUGE COPPER TRACER WIRE ALONG TOP OF ALL PVC PIPING. BRING TO TOP OF GROUND AND PROVIDE WEATHERHEAD AT ALL FIRE HYDRANTS.
  9. ALL FITTINGS REQUIRE EITHER CONCRETE THRUST BLOCK OR APPROVED MECHANICALLY RESTRAINED JOINTS PER CITY OF BROKEN ARROW STANDARDS.
  10. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION; DAMAGE TO ANY UTILITIES OR STRUCTURE DURING EXCAVATION AND CONSTRUCTION OF PROPOSED WATER MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  11. ALL FIRE HYDRANTS SHALL BE LOCATED A MINIMUM OF 5' AND A MAXIMUM OF 10' FROM THE BACK OF CURB (OR EDGE OF PAVEMENT) TO THE CENTERLINE OF THE BARREL.
  12. THE CONTRACTOR SHALL CONFIRM THE ACCURACY OF ALL MEASUREMENTS PRIOR TO CONSTRUCTION OF ANY PERMANENT STRUCTURE.
  13. ALL TAPS, TAPPING SLEEVES, AND VALVES WILL BE PROVIDED BY THE CITY OF BROKEN ARROW AT THE CONTRACTOR'S EXPENSE.

- |   |  |    |   |
|---|--|----|---|
| 1 | STA:=10+00.00<br>BEGIN NEW WATERLINE AT EXISTING VALVE<br>1 - 8" SOLID SLEEVE<br>1 - WET CONNECTION<br>1 - 8" GATE VALVE | 9  | STA:=14+80.32<br>1 - 8"x8"x6" TEE<br>1 - 6" GATE VALVE<br>1 - VALVE BOX<br>1 - FIRE HYDRANT<br>N:372782.6744<br>E:2601069.7934<br>FL=668.65'            |
| 2 | STA:=11+73.72<br>1 - 8" 45° BEND<br>N:372981.3870<br>E:2600847.9763<br>FL=668.94'  | 10 | STA:=15+33.90<br>1 - 8" 45° BEND (VERTICAL)<br>N:372745.5050<br>E:2601108.3795<br>FL=668.14'  |
| 3 | STA:=11+90.80<br>1 - 8" 45° BEND<br>N:372981.3870<br>E:2600859.2047<br>FL=669.02'  | 11 | STA:=15+39.07<br>1 - 8" 45° BEND (VERTICAL)<br>N:372741.9183<br>E:2601112.1030<br>FL=662.97'  |
| 4 | STA:=12+94.46<br>1 - 8" 45° BEND (VERTICAL)<br>N:372909.4732<br>E:2600933.8595<br>FL=669.84'                             | 12 | STA:=15+47.40<br>1 - 8" 45° BEND<br>N:372736.1398<br>E:2601118.1017<br>FL=662.97'   |
| 5 | STA:=12+97.51<br>1 - 8" 45° BEND (VERTICAL)<br>N:372907.3573<br>E:2600936.0562<br>FL=666.80'                             | 13 | STA:=15+48.26<br>1 - 8" 45° BEND (VERTICAL)<br>N:372735.2791<br>E:2601118.1131<br>FL=662.97'  |
| 6 | STA:=13+13.34<br>1 - 8" 45° BEND (VERTICAL)<br>N:372896.3750<br>E:2600947.4570<br>FL=666.80'                             | 14 | STA:=15+53.15<br>1 - 8" 45° BEND (VERTICAL)<br>N:372730.3895<br>E:2601118.1774<br>FL=667.86'  |
| 7 | STA:=13+16.41<br>1 - 8" 45° BEND (VERTICAL)<br>N:372894.2452<br>E:2600949.6680<br>FL=669.87'                             | 15 | STA:=15+53.95<br>END NEW WATERLINE CONNECT TO EXISTING WL<br>1 - 8" SOLID SLEEVE<br>1 - WET CONNECTION<br>N:372729.5896<br>E:2601118.1879<br>FL=667.86' |
| 8 | STA:=13+89.92<br>1 - 8"x8"x6" TEE<br>N:372843.2408<br>E:2601002.6164<br>FL=669.38'                                       | 16 | STA:=14+82.35<br>1 - 8" GATE VALVE<br>N:372781.2702<br>E:2601071.2512<br>FL=668.55'   |



**8" PVC (C900)(DR-14) WATER LINE**  
 STA:10+00.00 TO STA:15+49.92  
 (PROFILE READS LEFT-TO-RIGHT)

SCALE	PROFILE
H 1"=20'	V 1"=2'



BID SET - FINAL  
 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS  
 08/12/2022 1 REVISION #3

**WATERLINE P&P**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB

**C502**

SCALE

**AUSTIN C. BURTON**  
 LICENSED PROFESSIONAL ENGINEER  
 2022-08-26  
 28508  
 OKLAHOMA

8/26/2022 8:29 AM



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 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

REVISIONS	REVISION #2
07/06/2022	1

**EROSION CONTROL PLAN**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB



**C600**  
 SCALE: AS SHOWN

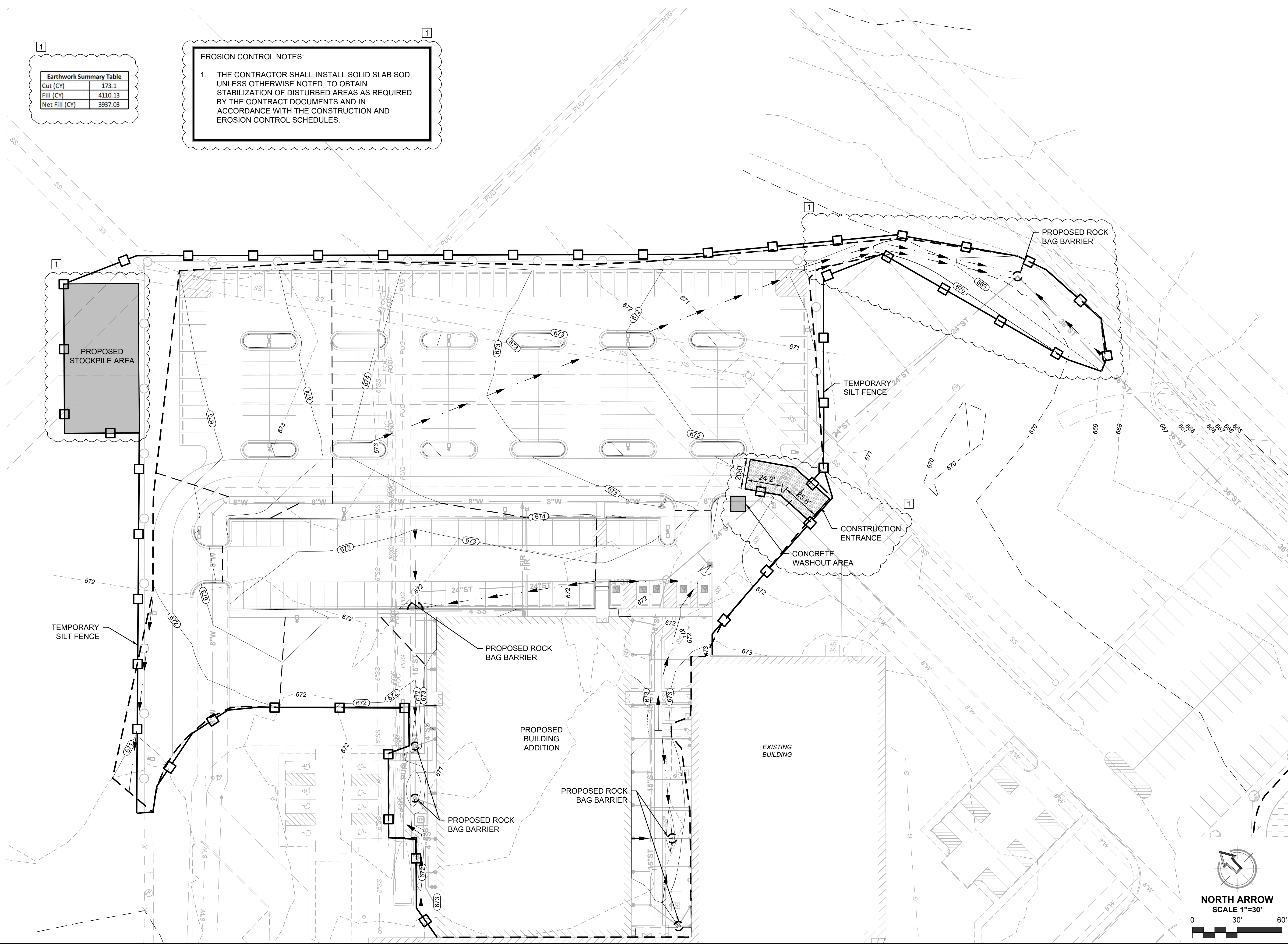
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Earthwork Summary Table	
Cut (CY)	173.1
Fill (CY)	4110.13
Net Fill (CY)	3937.03

1

**EROSION CONTROL NOTES:**

1. THE CONTRACTOR SHALL INSTALL SOLID SLAB SOD, UNLESS OTHERWISE NOTED, TO OBTAIN STABILIZATION OF DISTURBED AREAS AS REQUIRED BY THE CONTRACT DOCUMENTS AND IN ACCORDANCE WITH THE CONSTRUCTION AND EROSION CONTROL SCHEDULES.



8/26/2022 8:29 AM

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 08/26/2022

**EVERGREEN BAPTIST CHURCH - PHASE 4**

10301 EAST 111th ST. S.  
 BROKEN ARROW, OKLAHOMA 74011

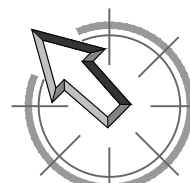
REVISIONS  
 07/06/2022 1 REVISION #2

**EROSION CONTROL PLAN**

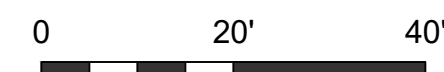
JOB 220119  
 ISSUE 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB



**C601**  
 SCALE AS SHOWN



**NORTH ARROW**  
 SCALE 1"=20'



PROPOSED BUILDING ADDITION

TEMPORARY SILT FENCE

PROPOSED ROCK BAG BARRIER

EXISTING BUILDING

TEMPORARY SILT FENCE

1

Earthwork Summary Table	
Cut (CY)	173.1
Fill (CY)	4110.13
Net Fill (CY)	3937.03

1

**EROSION CONTROL NOTES:**

1. THE CONTRACTOR SHALL INSTALL SOLID SLAB SOD, UNLESS OTHERWISE NOTED, TO OBTAIN STABILIZATION OF DISTURBED AREAS AS REQUIRED BY THE CONTRACT DOCUMENTS AND IN ACCORDANCE WITH THE CONSTRUCTION AND EROSION CONTROL SCHEDULES.

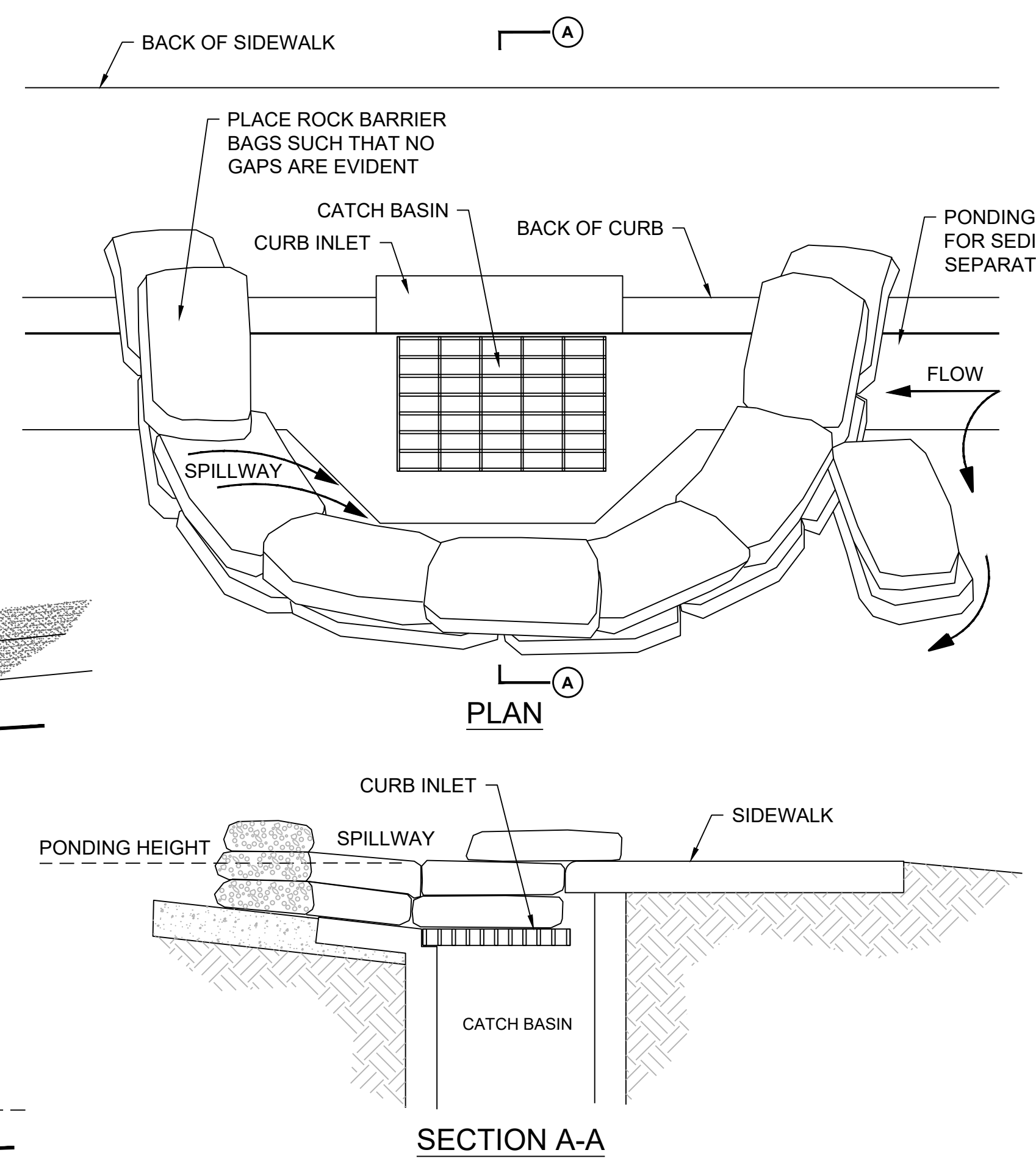


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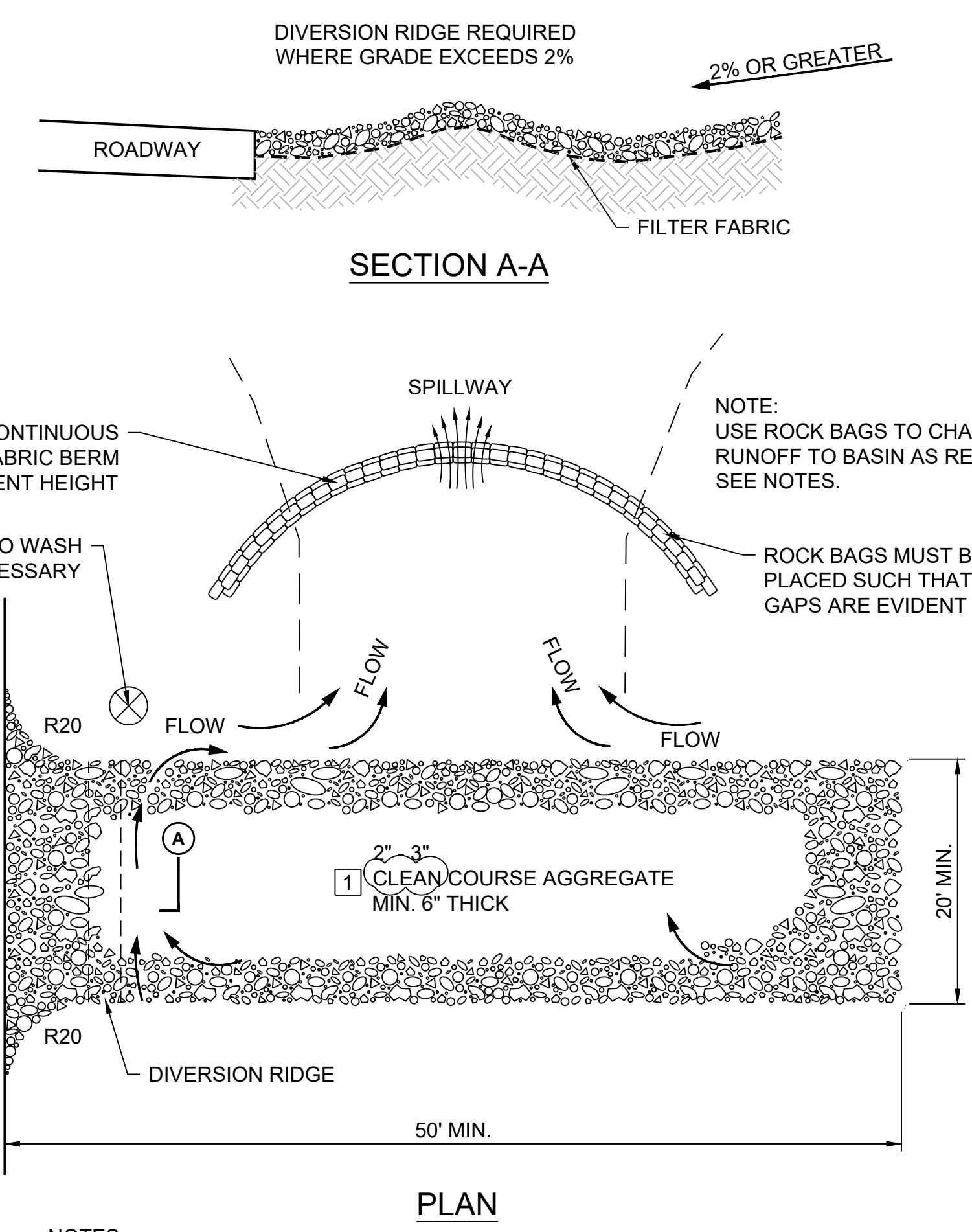
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**NOTES:**

1. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

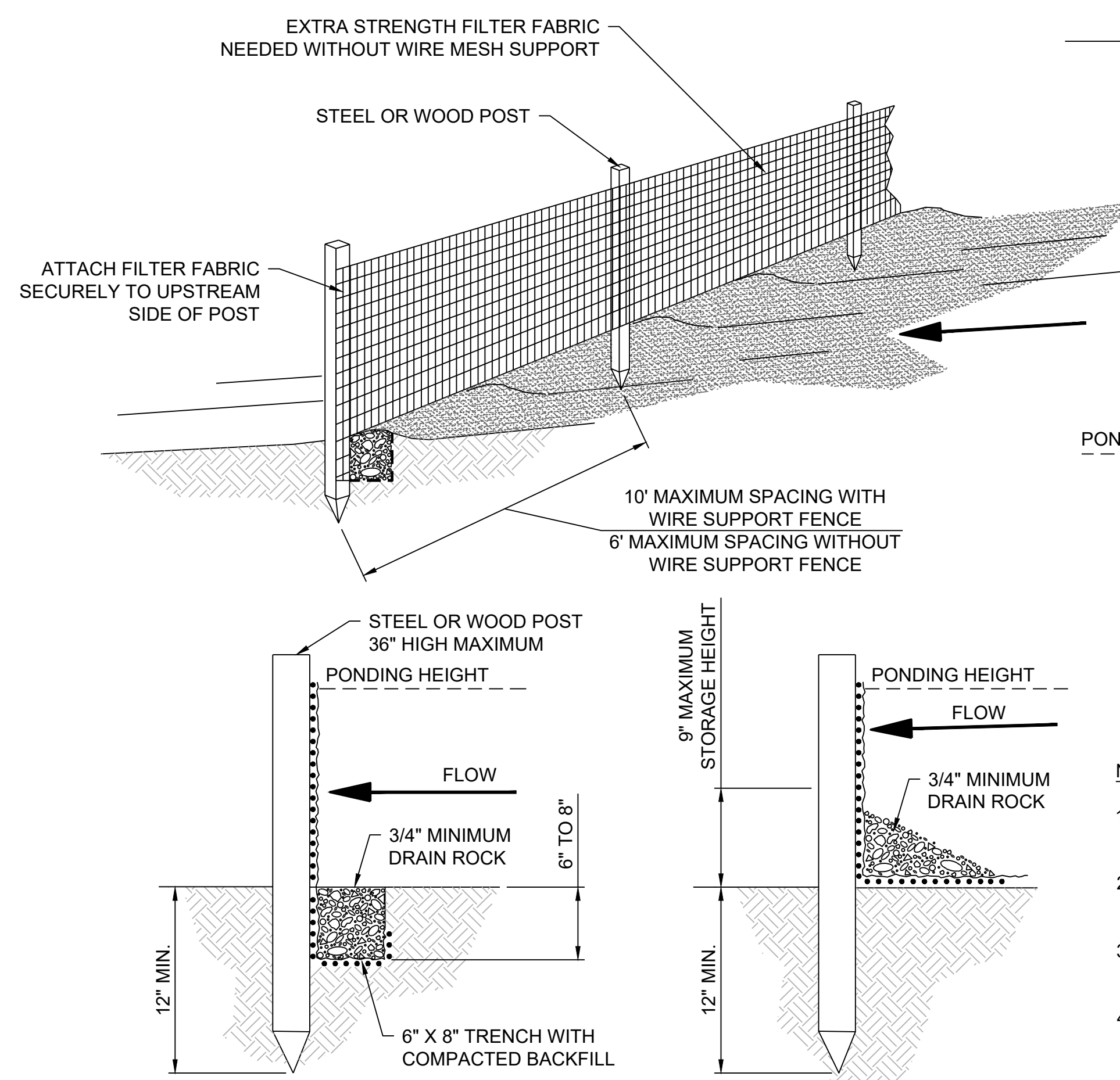
**2 ROCK BAG DETAIL**  
 NTS



**NOTES:**

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT.

**3 CONSTRUCTION ENTRANCE DETAIL**  
 NTS



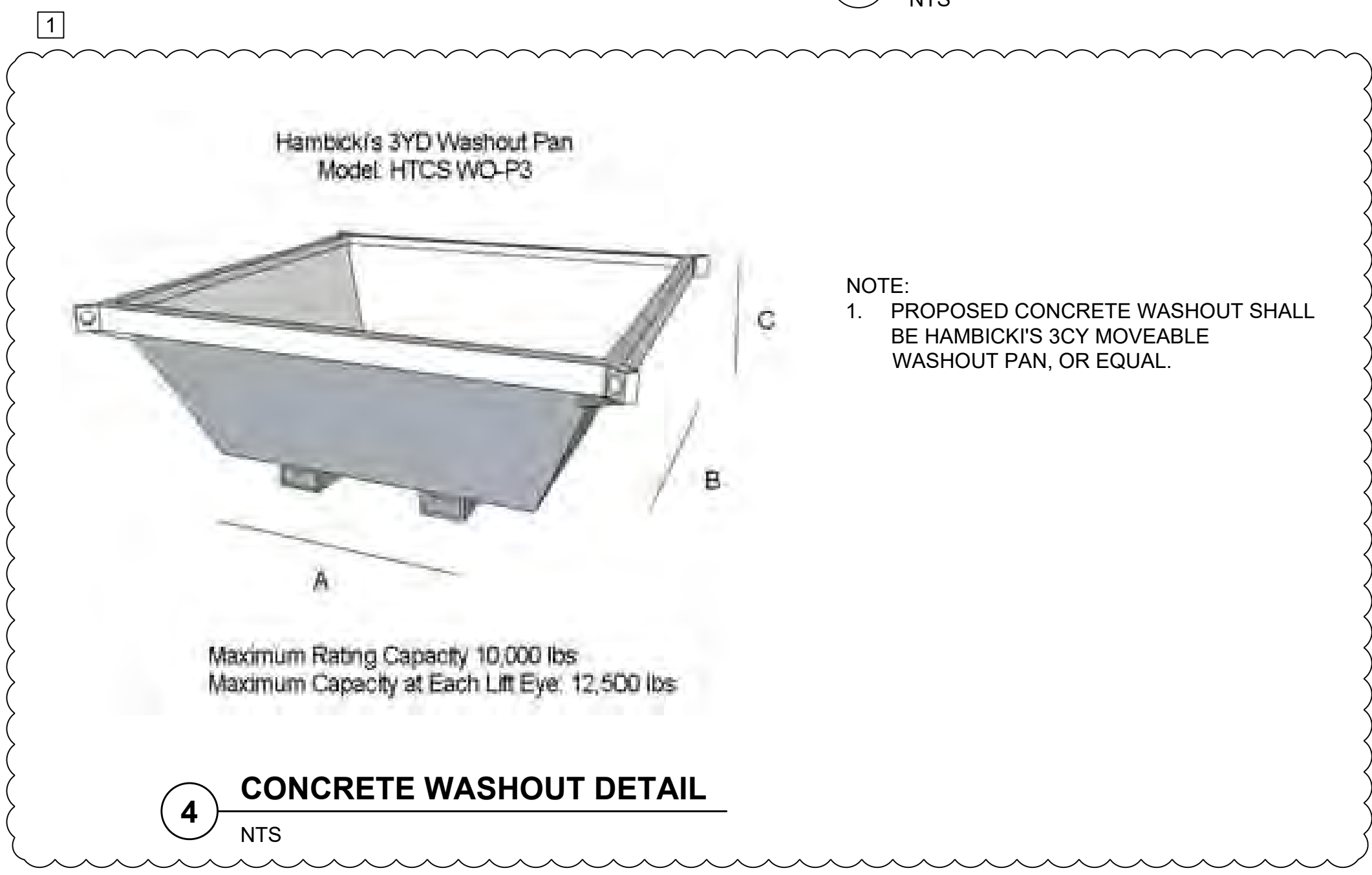
**TRENCH DETAIL**

**INSTALLATION WITHOUT TRENCHING**

**NOTES:**

1. MUST BE INSTALLED PROPERLY TO AVOID NOTICE OF VIOLATION.
2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY.
3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9\"/>

**1 SILT FENCE DETAIL**  
 NTS



**4 CONCRETE WASHOUT DETAIL**  
 NTS

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**EVERGREEN BAPTIST CHURCH - PHASE 4**

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07/06/2022	1

**EROSION CONTROL DETAILS**

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 CHKD BY: LJB

**C602**

SCALE: AS SHOWN



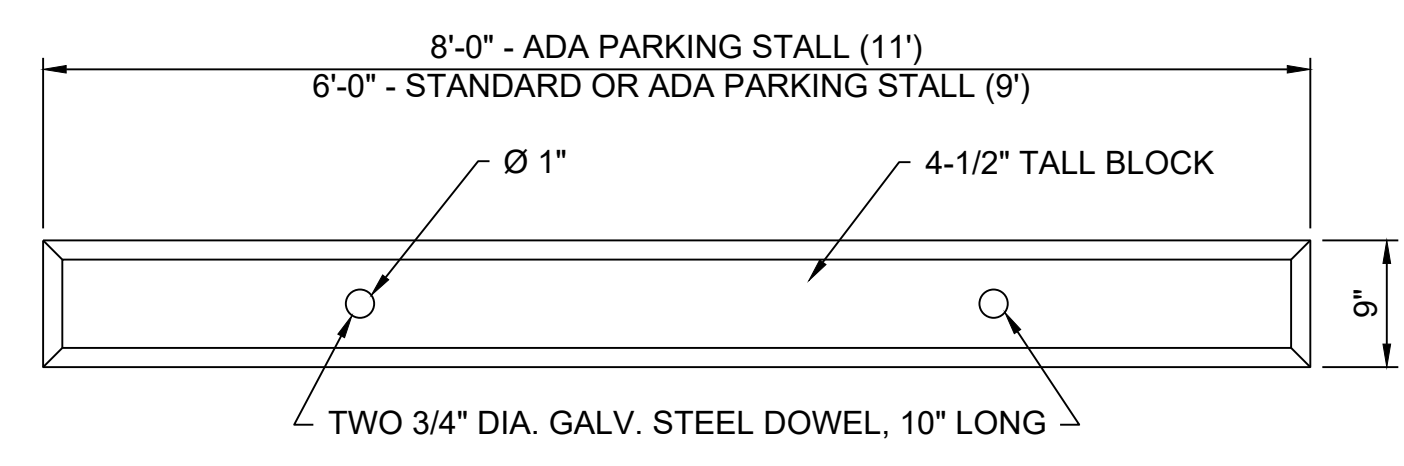
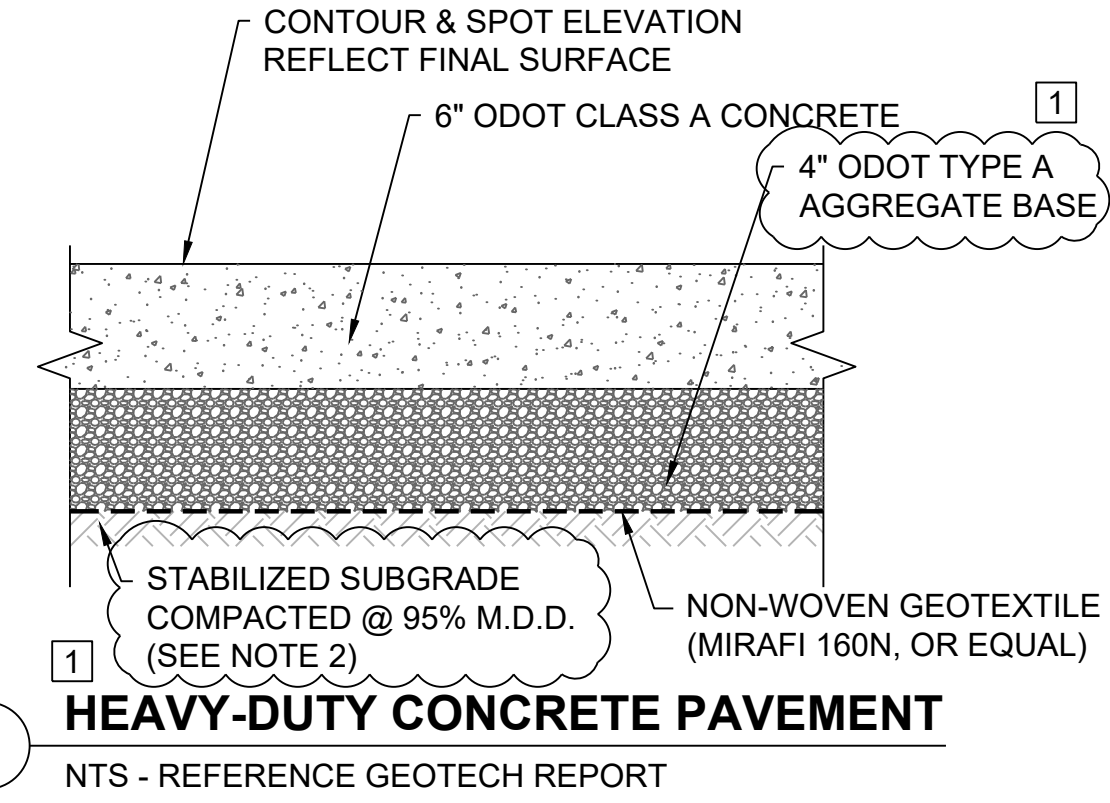
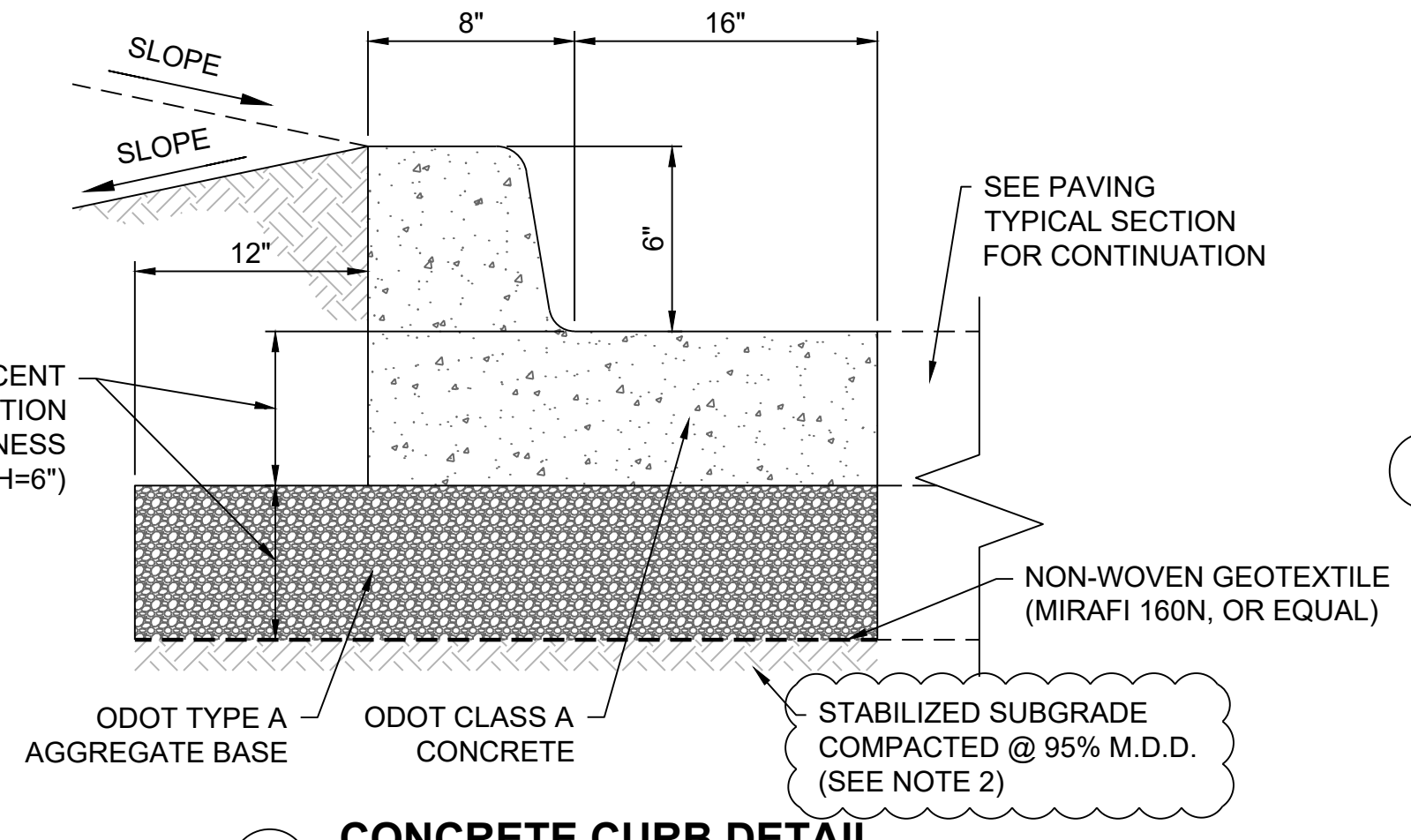
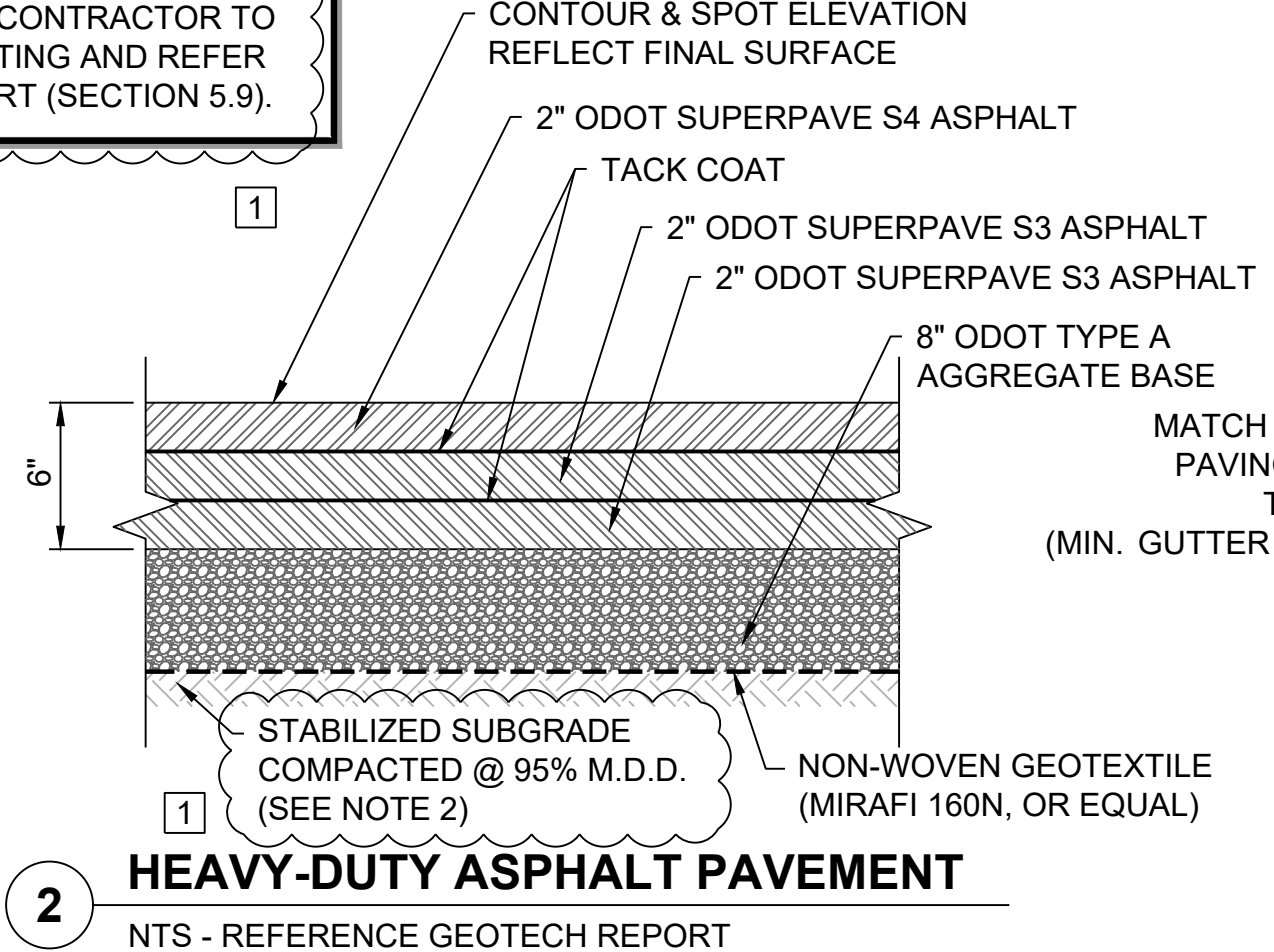
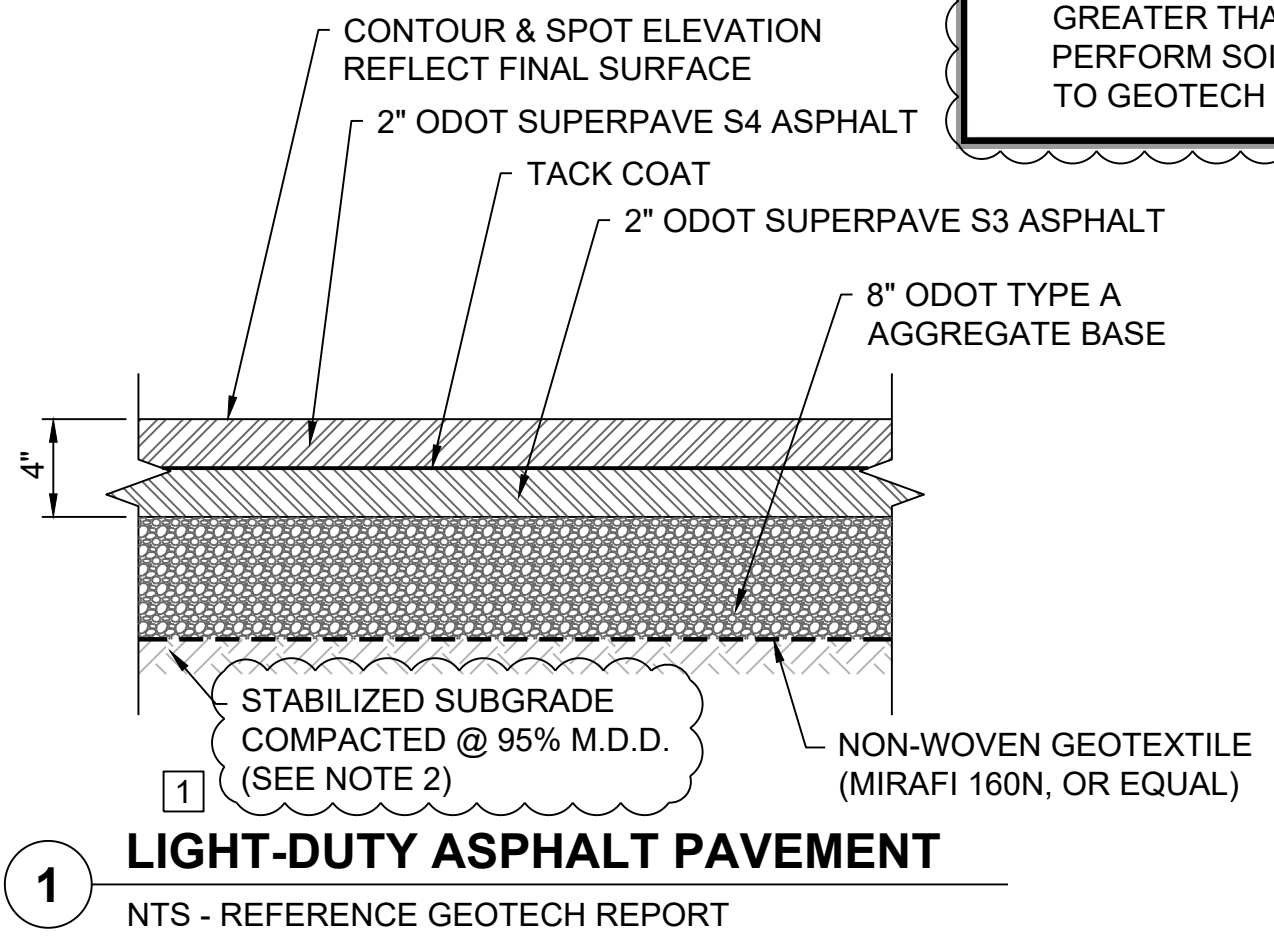
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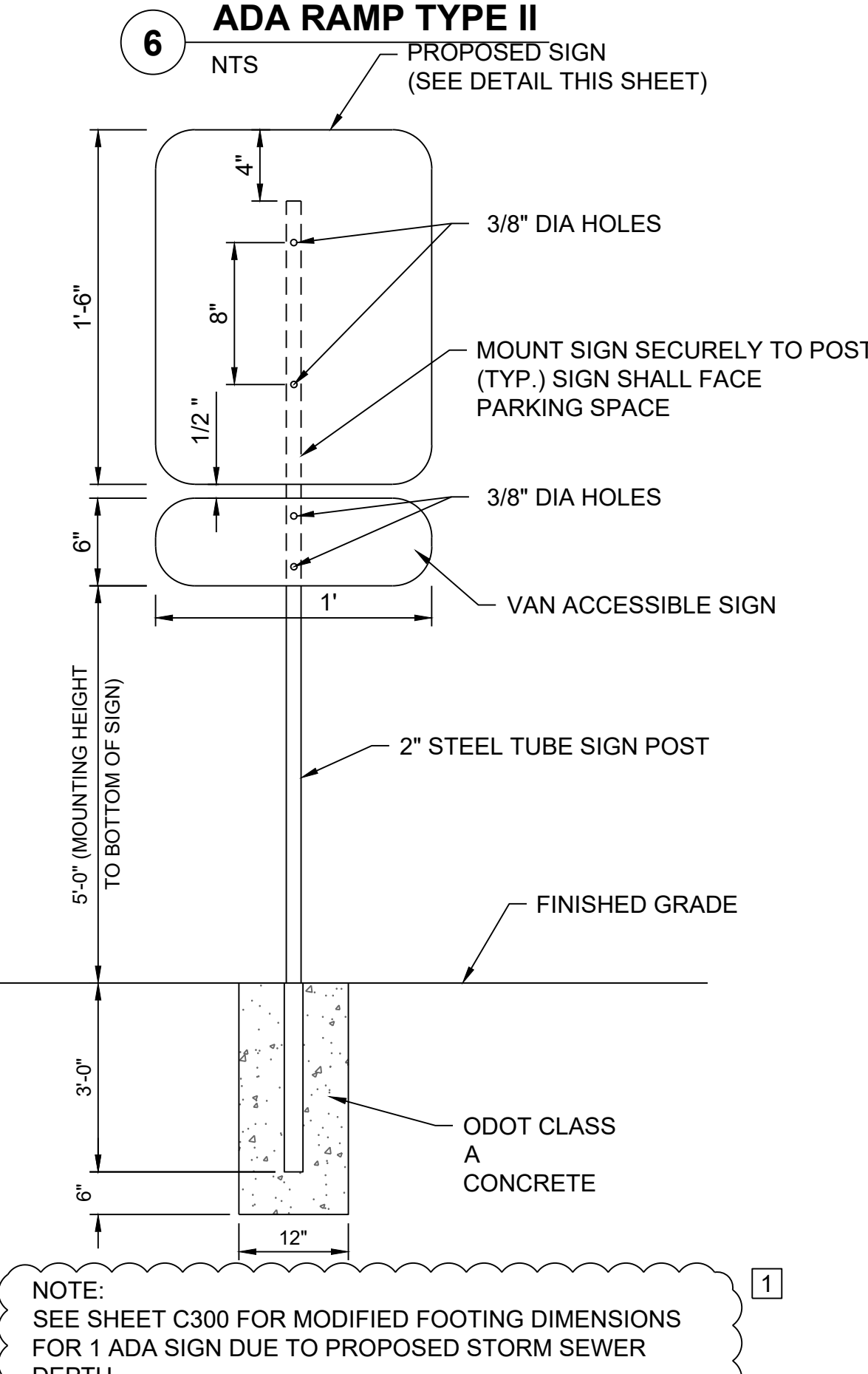
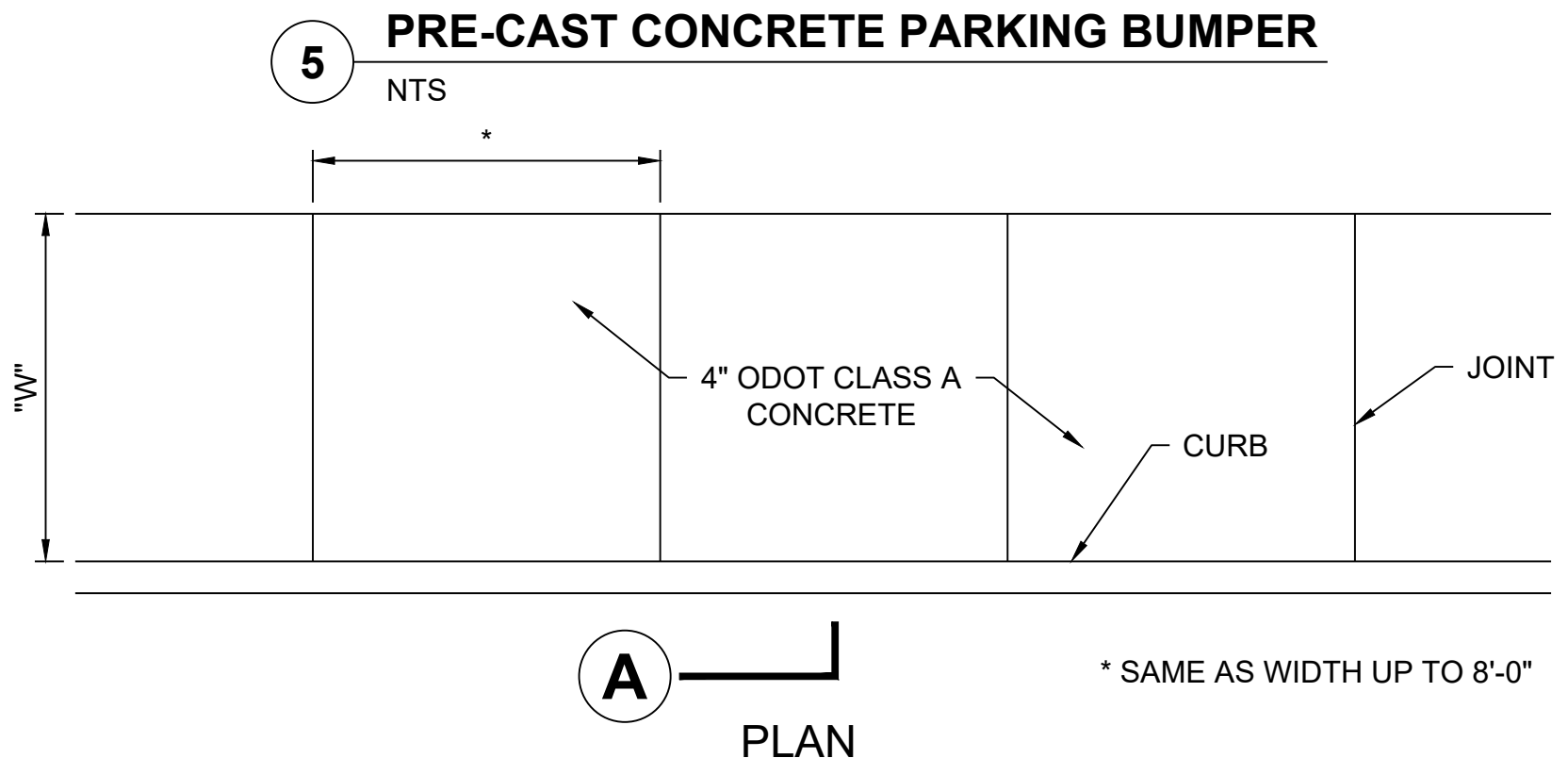
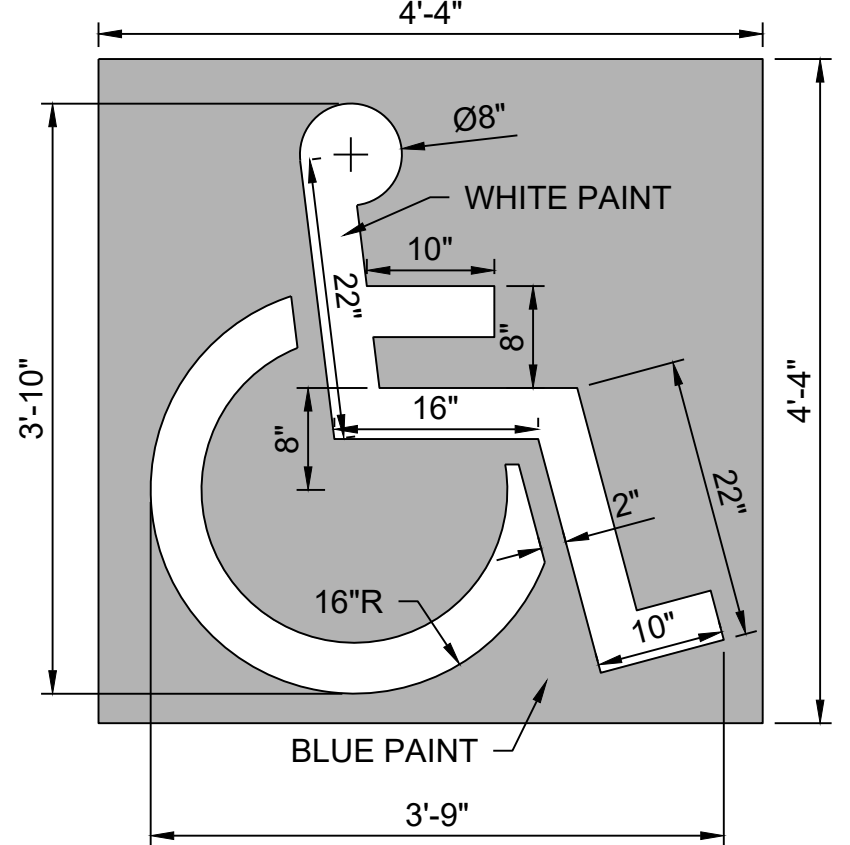
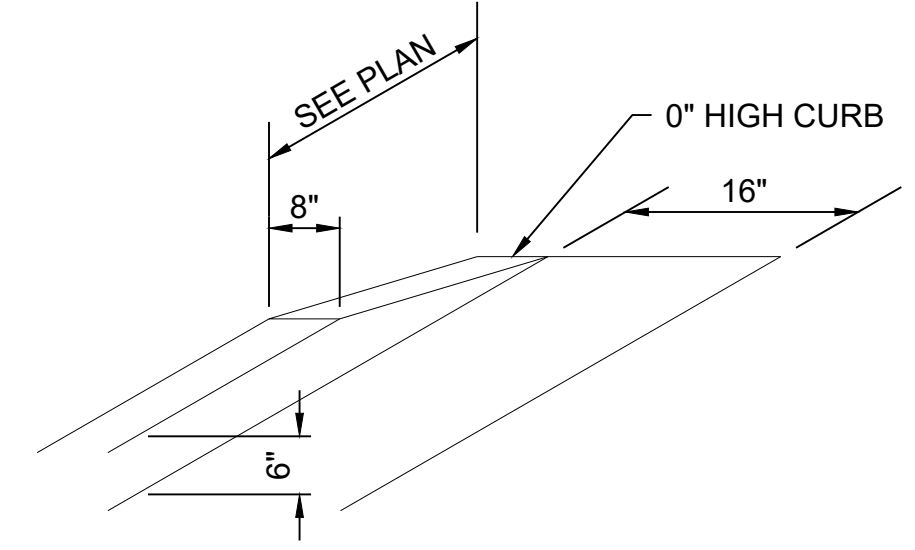
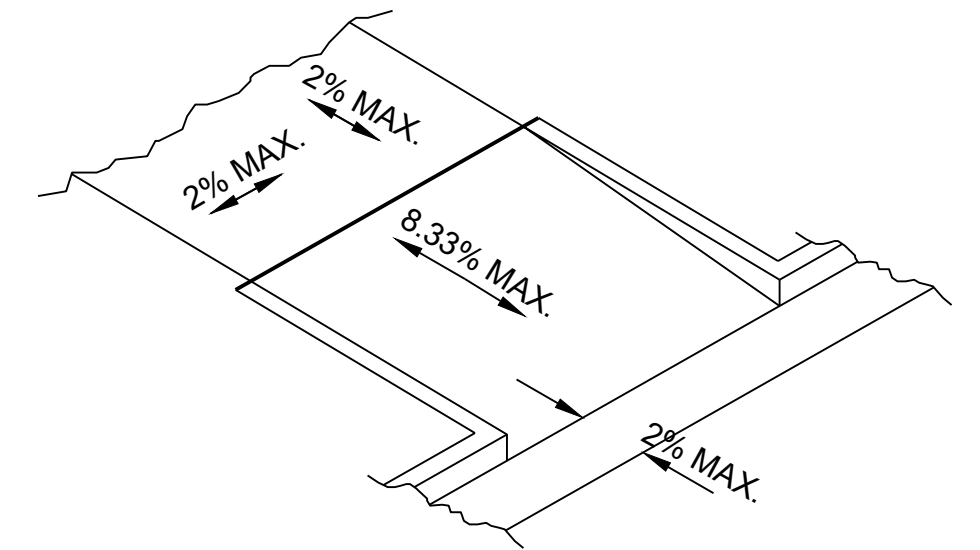


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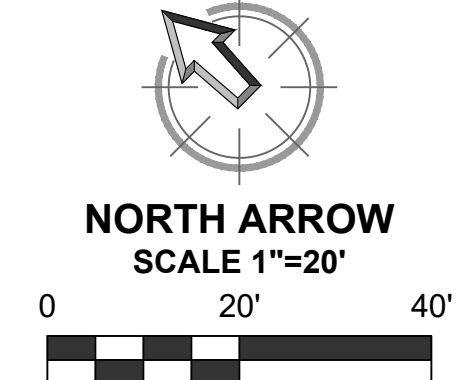
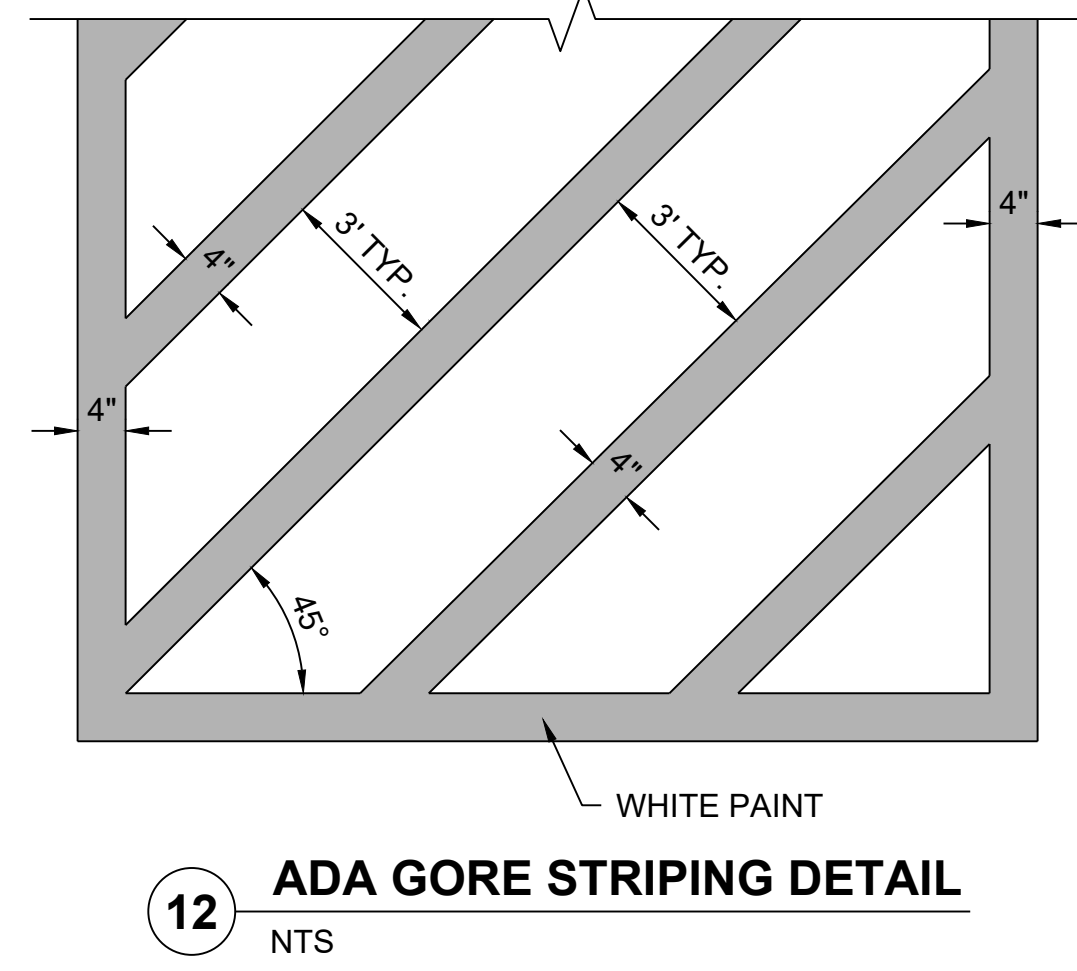
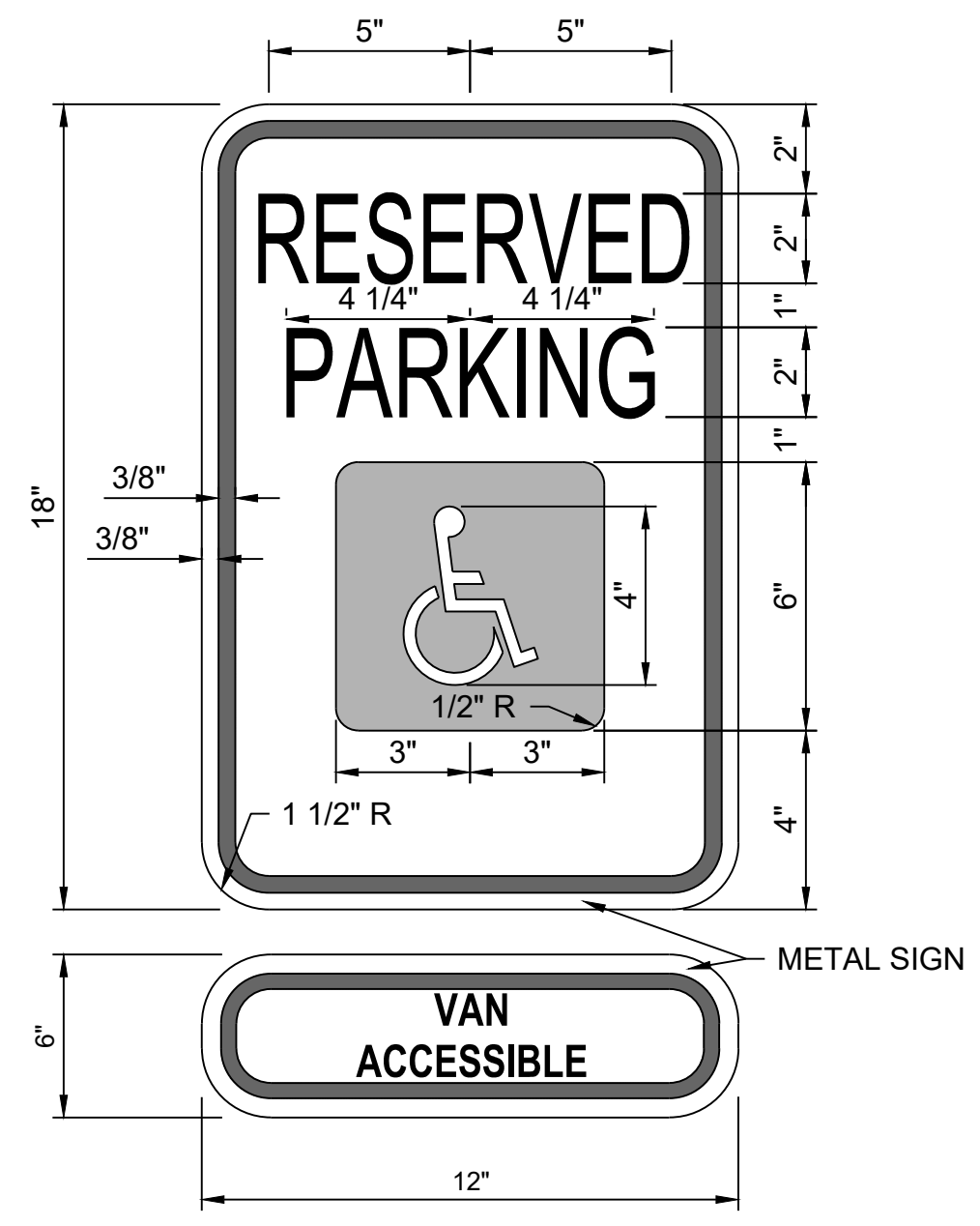
**NOTES:**  
 1. ALL ASPHALT TO BE PG 64-22 OK  
 2. STABILIZED SUBGRADE ONLY REQUIRED WHERE FINAL SUBGRADE SOILS ARE FOUND TO HAVE A PI GREATER THAN 18. CONTRACTOR TO PERFORM SOIL TESTING AND REFER TO GEOTECH REPORT (SECTION 5.9).



**NOTE:**  
 1. WHEELSTOP SHALL BE INSTALLED 2'-0" FROM CENTER OF WHEELSTOP TO FACE OF CURB.  
 2. CONCRETE TO BE ODOT CLASS A.



**NOTE:**  
 SEE SHEET C300 FOR MODIFIED FOOTING DIMENSIONS FOR 1 ADA SIGN DUE TO PROPOSED STORM SEWER DEPTH.



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**EVERGREEN BAPTIST CHURCH - PHASE 4**

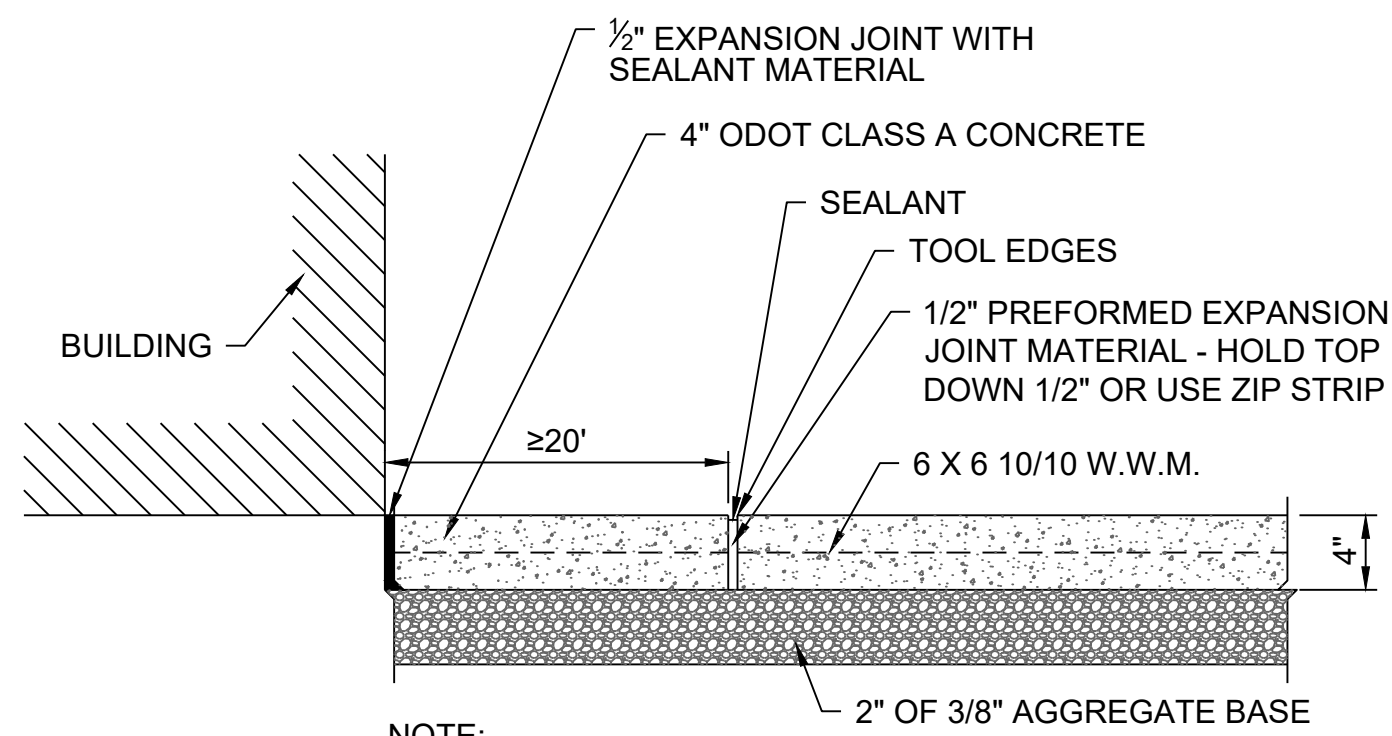
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REVISIONS  
 08/12/2022 1 Revision #3

**CIVIL DETAILS**

JOB 220119  
 ISSUE 08.26.2022  
 DRAWN BY: DAG  
 CHK'D BY: LJB  
**C700**  
 SCALE AS SHOWN

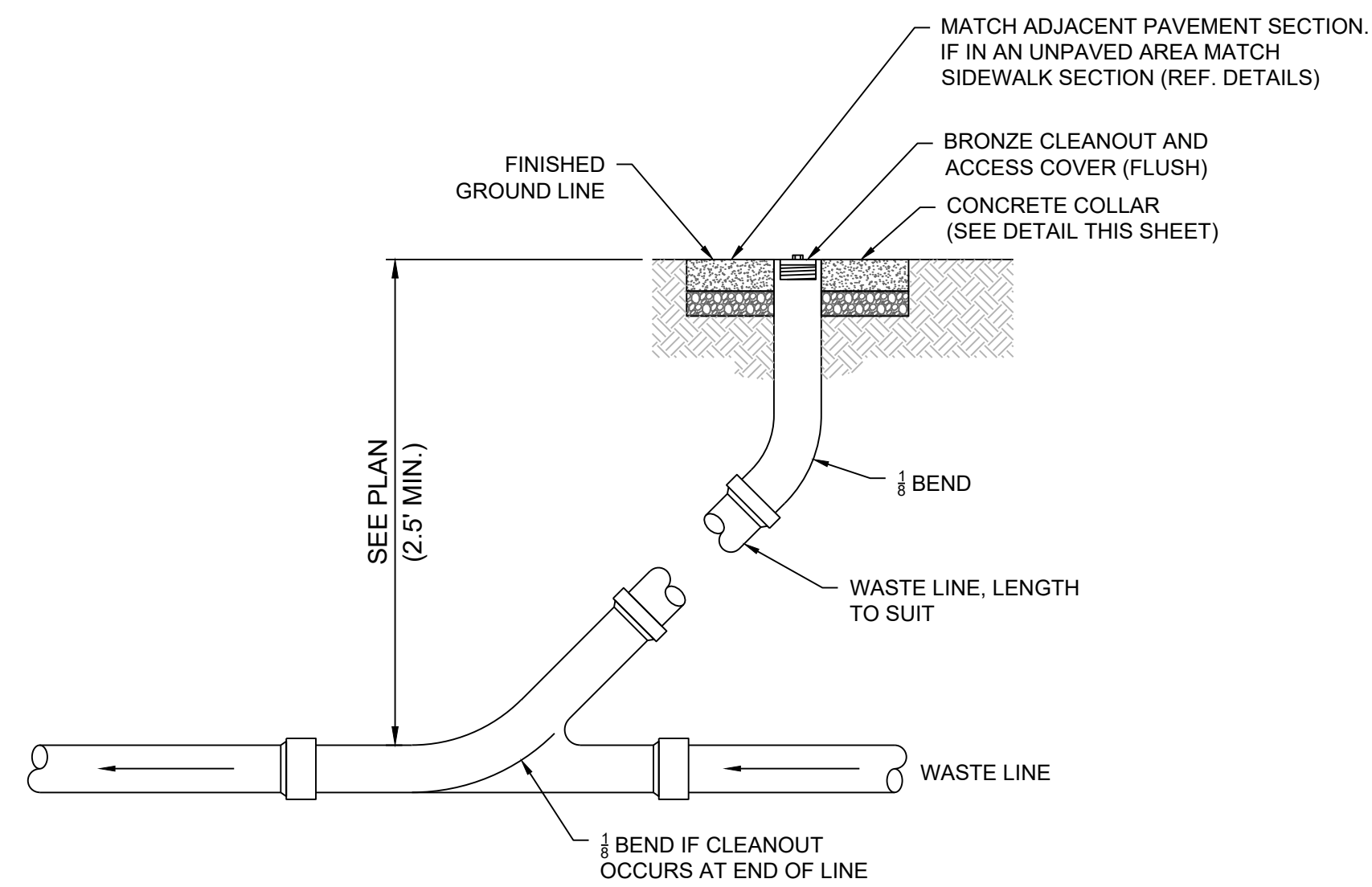




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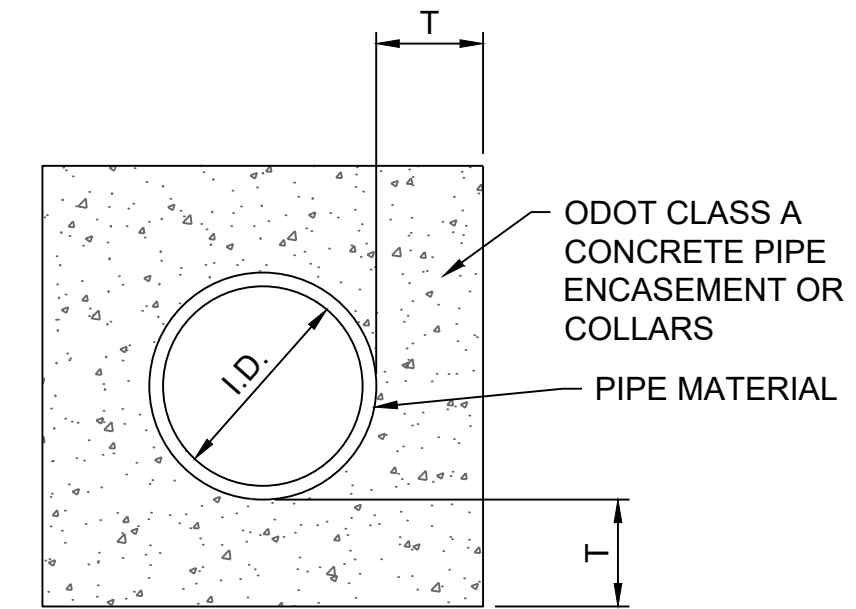
1. LOCATE EXPANSION JOINTS 20' O.C. FOR WALKS EXTENDING MORE THAN 20' FROM BUILDING.

**1 SIDEWALK EXPANSION JOINT**  
 NTS



NOTE: INSTALL AT 100' MAX. SPACING

**3 CLEANOUT DETAIL**  
 NTS



NOMINAL DIAMETER (INCHES)	T (INCHES)
≤18"	6"
>18" & <30"	8"
>30" & <42"	10"
≤42"	12"

NOTE: THE CONCRETE ENCASEMENT SHALL BE PLACED TO A MINIMUM OF TWELVE (12") INCHES ON EITHER SIDE OF THE JOINT.

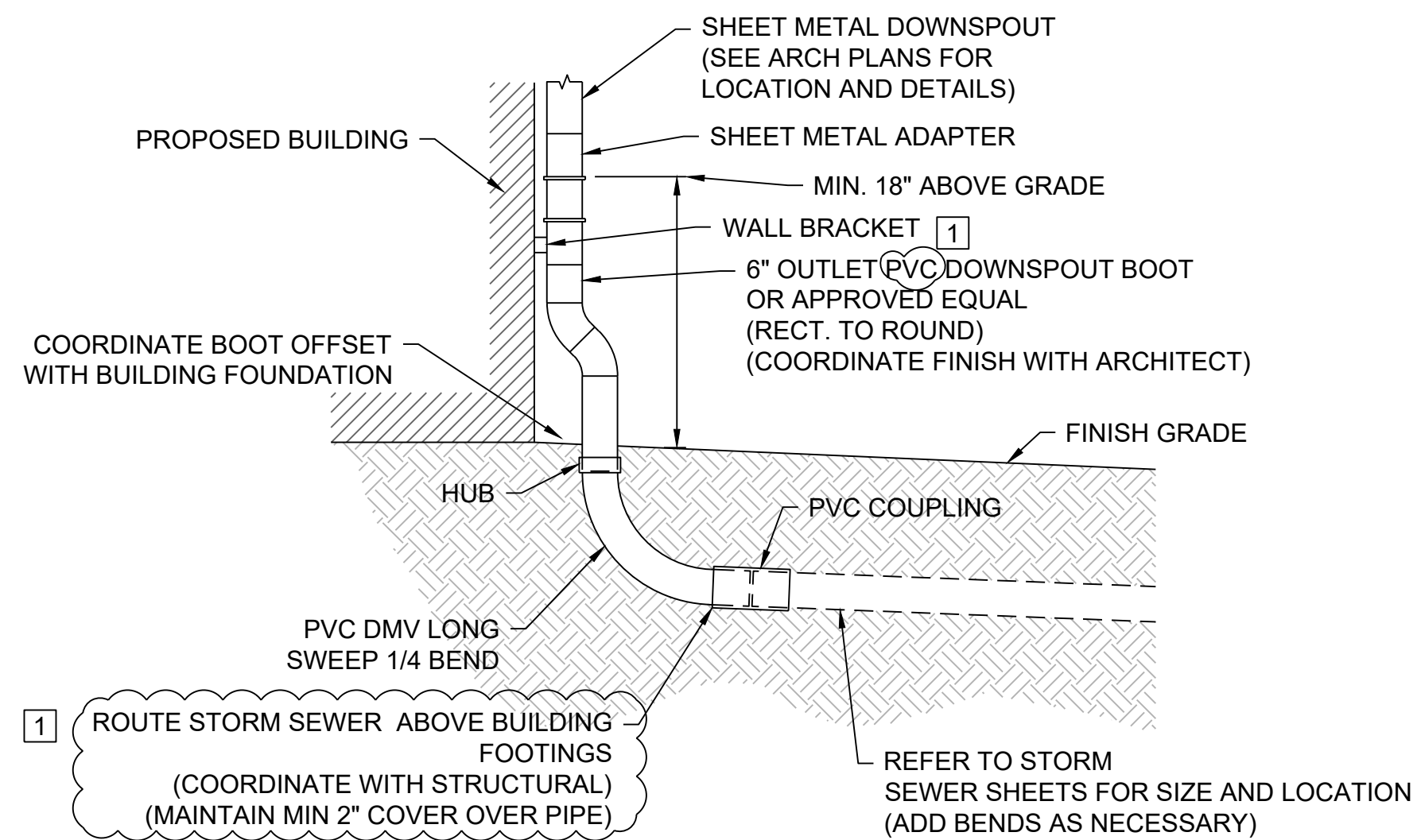
**4 PIPE ENCASEMENT AND COLLARS**  
 NTS



NOTES:

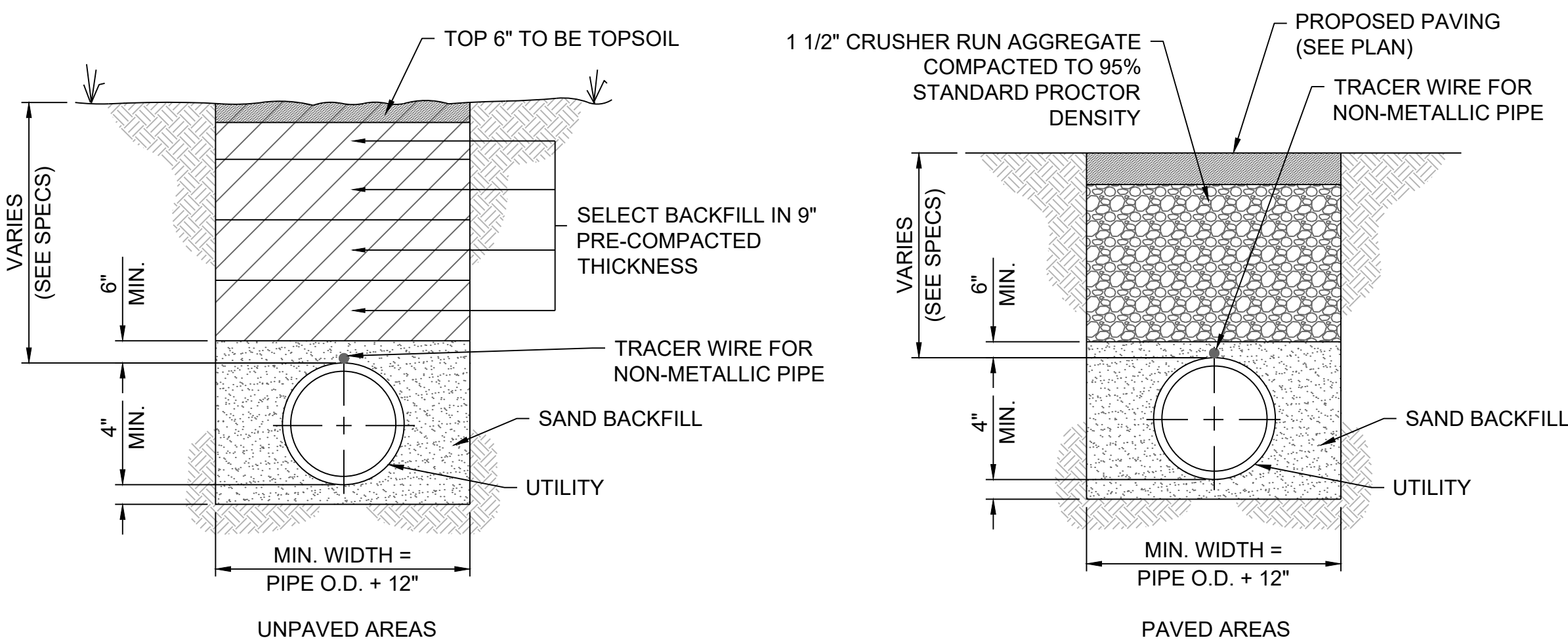
1. REPEAT LETTERING @ 25' INTERVALS.
2. ALL FIRE MARKING SHALL MEET FIRE MARSHAL REQUIREMENTS.
3. CONTRACTOR RESPONSIBLE FOR COORDINATING WITH FIRE MARSHAL TO DETERMINE FIRE LANE MARKING EXTENTS & PROVIDING ALL FIRE LANES MARKING REQUIRED.
4. PAINT ENTIRE CURB WHEREVER POSSIBLE; IN AREAS OF NO CURB PAINT GUTTER INSTEAD

**2 FIRE LANE STRIPING**  
 NTS

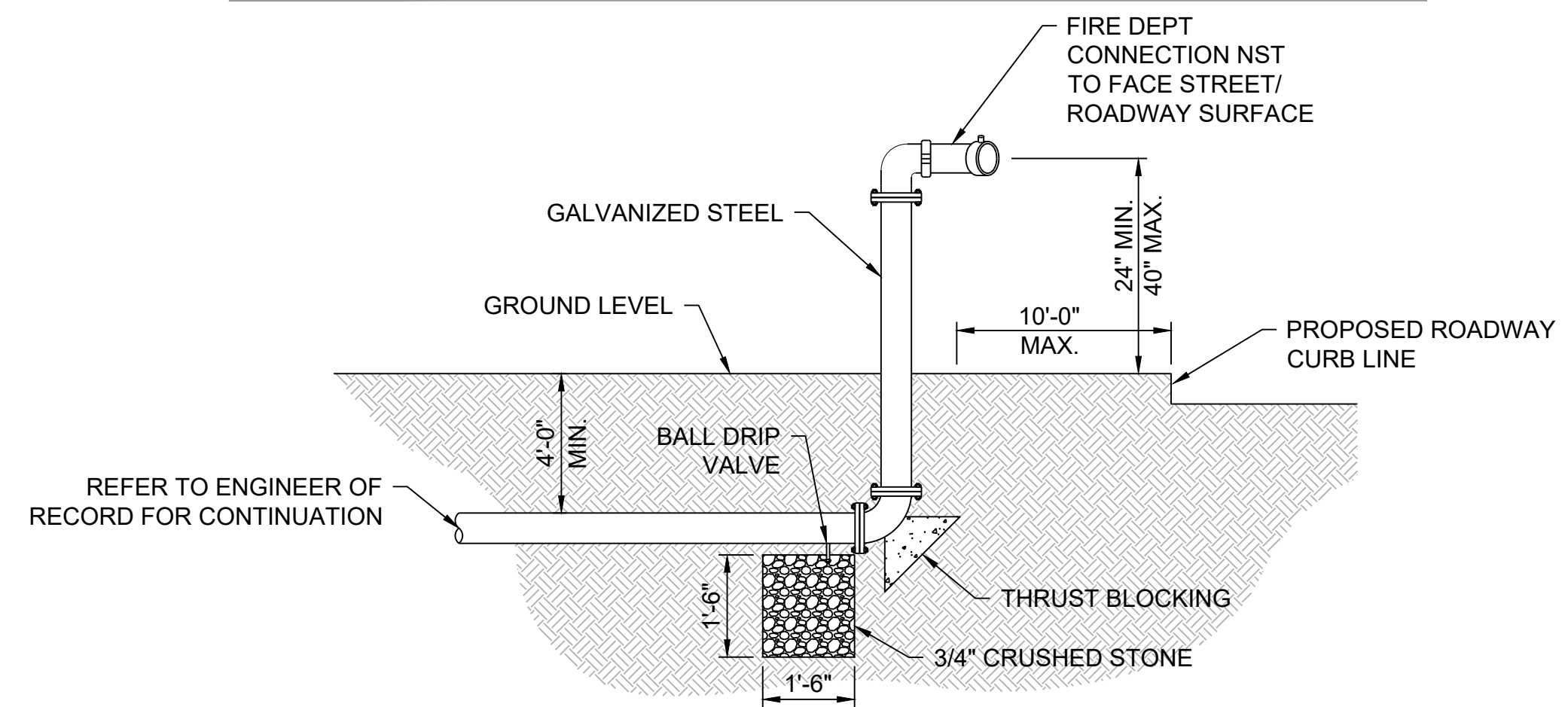


**5 DOWNSPOUT CONNECTION DETAIL**  
 NTS

- NOTES:
1. PIPE SIZE LEADING TO FDC SHALL BE DETERMINED BY FIRE PROTECTION ENGINEER, BUT SHALL BE A MINIMUM OF 4 IN.
  2. NO TREES, BUSHES OR WALL WITHIN 5' RADIUS OF FIRE DEPARTMENT CONNECTION.
  3. 5' MIN. TO BACK OF CURB, 10' MAX. TO BACK OF CURB (DO NOT INSTALL FDC WITHIN SIDEWALK).
  4. ALL EXPOSED PIPING SHALL BE GALVANIZED STEEL.
  5. FDC MODEL & LOCATION TO BE CONFIRMED WITH BROKEN ARROW FIRE DEPARTMENT.
  6. PROVIDE 24V DC EXTERIOR HORN & STROBE (MOUNTED ON FDC).
  7. EXISTING KNOX BOX (MOUNTED ON BUILDING, ADJACENT TO FRONT DOOR). CONFIRM LOCATION & MODEL WITH BROKEN ARROW FIRE DEPARTMENT. PROVIDE ADDITIONAL KNOX BOX ON NEW BUILDING IF REQUIRED BY AHJ.
  8. PROVIDE PERMANENTLY ATTACHED CAP FOR FDC.
  9. PROVIDE BRASS AUTO-SPRINKLER PLATE



**6 UTILITY TRENCH DETAIL**  
 NTS



**7 FDC DETAIL**  
 NTS

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**EVERGREEN BAPTIST CHURCH - PHASE 4**

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 08/12/2022 1 Revision #3

**CIVIL DETAILS**

JOB 220119  
 ISSUE 08.26.2022  
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**C701**

SCALE AS SHOWN



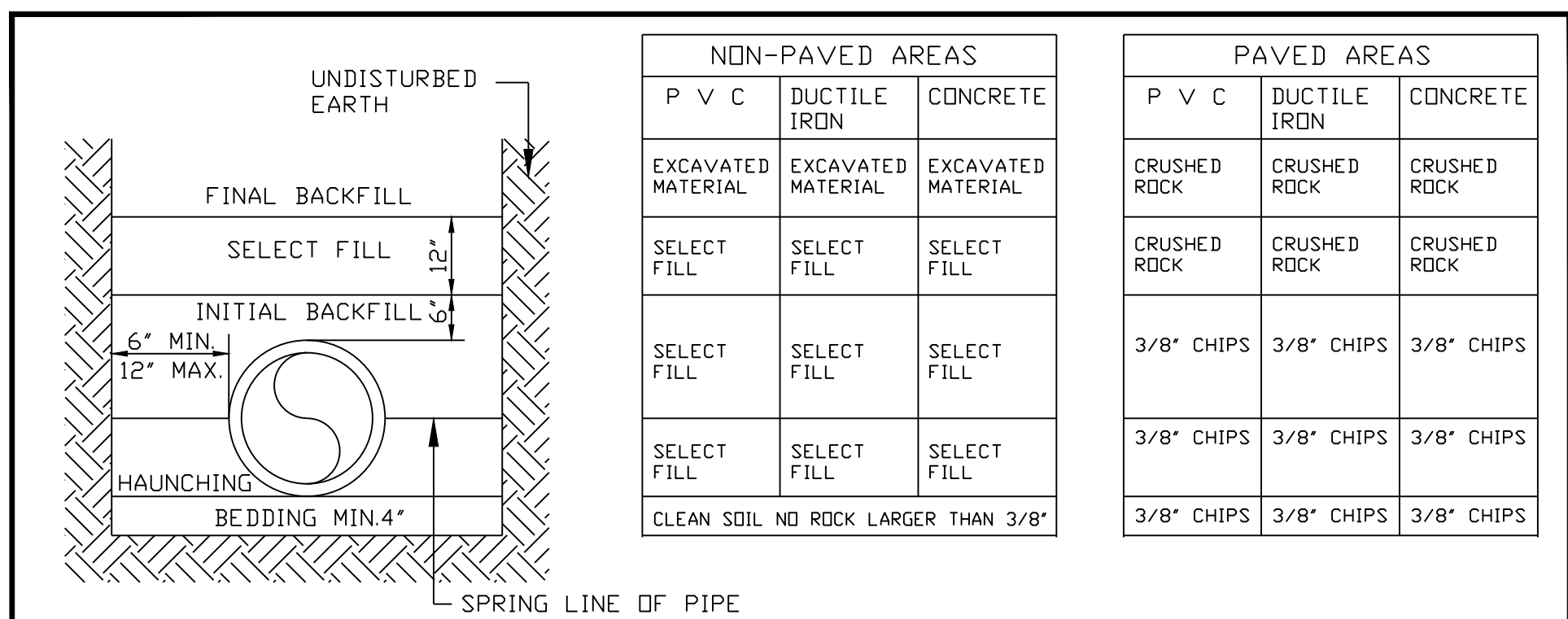
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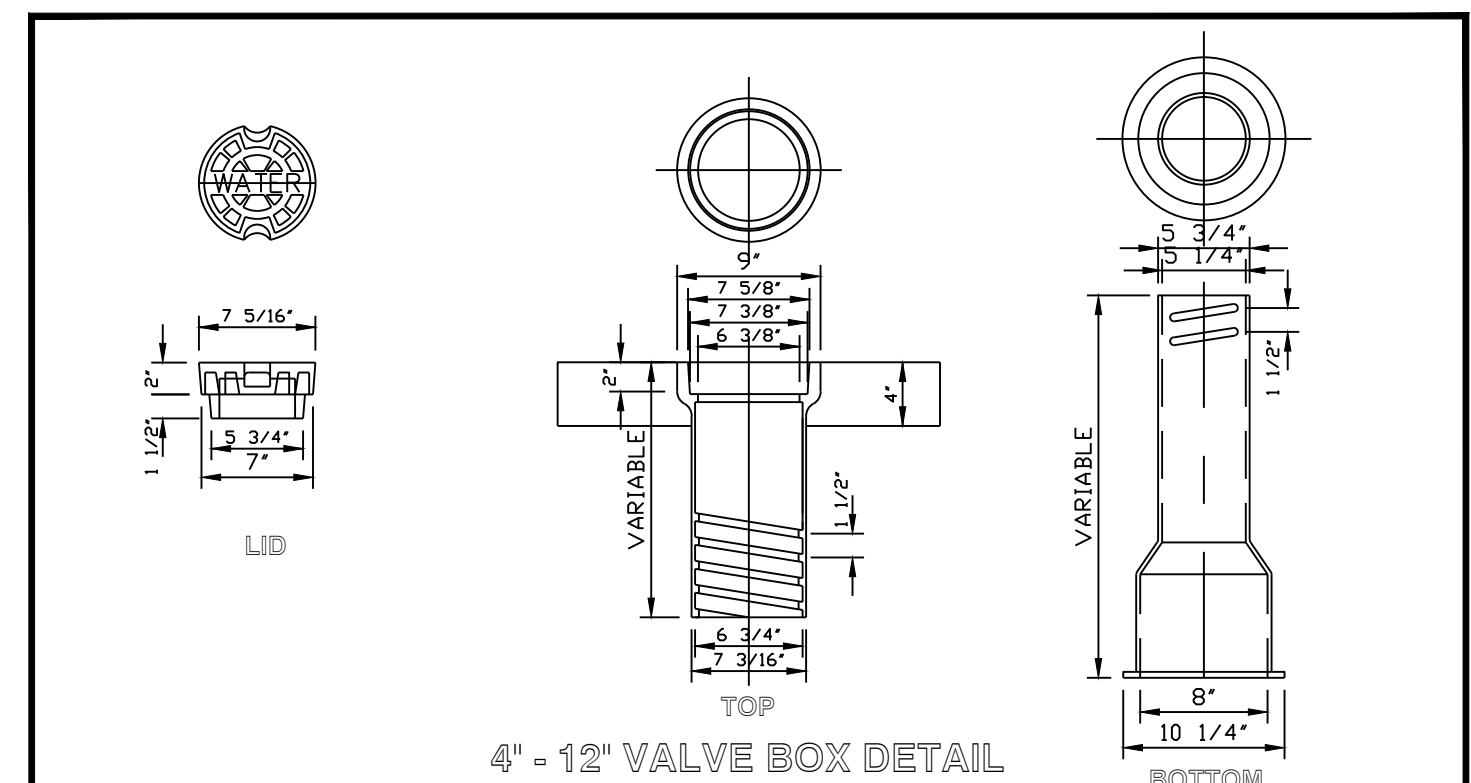
1



- NOTES:
- SELECT FILL CONSISTS OF EXCAVATED MATERIALS CONTAINING NO ROCKS LARGER THAN 2 INCHES.
  - CRUSHED ROCK SHALL BE ODDT TYPE A BASE
  - BEDDING REQUIRED ONLY FOR ROCK EXCAVATION.
  - COMPACTION REQUIREMENTS:
    - NON-PAVED AREAS: 90% MAXIMUM STANDARD PROCTOR DENSITY FOR COHESIONLESS SOILS AND 85% FOR COHESIVE SOILS.
    - PAVED AREAS: 95% MAXIMUM STANDARD PROCTOR DENSITY FOR COHESIONLESS SOILS.
  - FILLS OVER 10 FEET DEEP - MATERIAL IN THE AREA FROM SELECT FILL TO BEDDING SHALL BE 3/4" CRUSHER RUN WELL GRADED.
  - FLOWABLE FILL MAY BE SUBSTITUTED FOR ALL MATERIALS IN ROAD CROSSING.
  - PAVED AREA INCLUDES 2' BEHIND CURB.

**WATER PIPE BEDDING DETAIL**

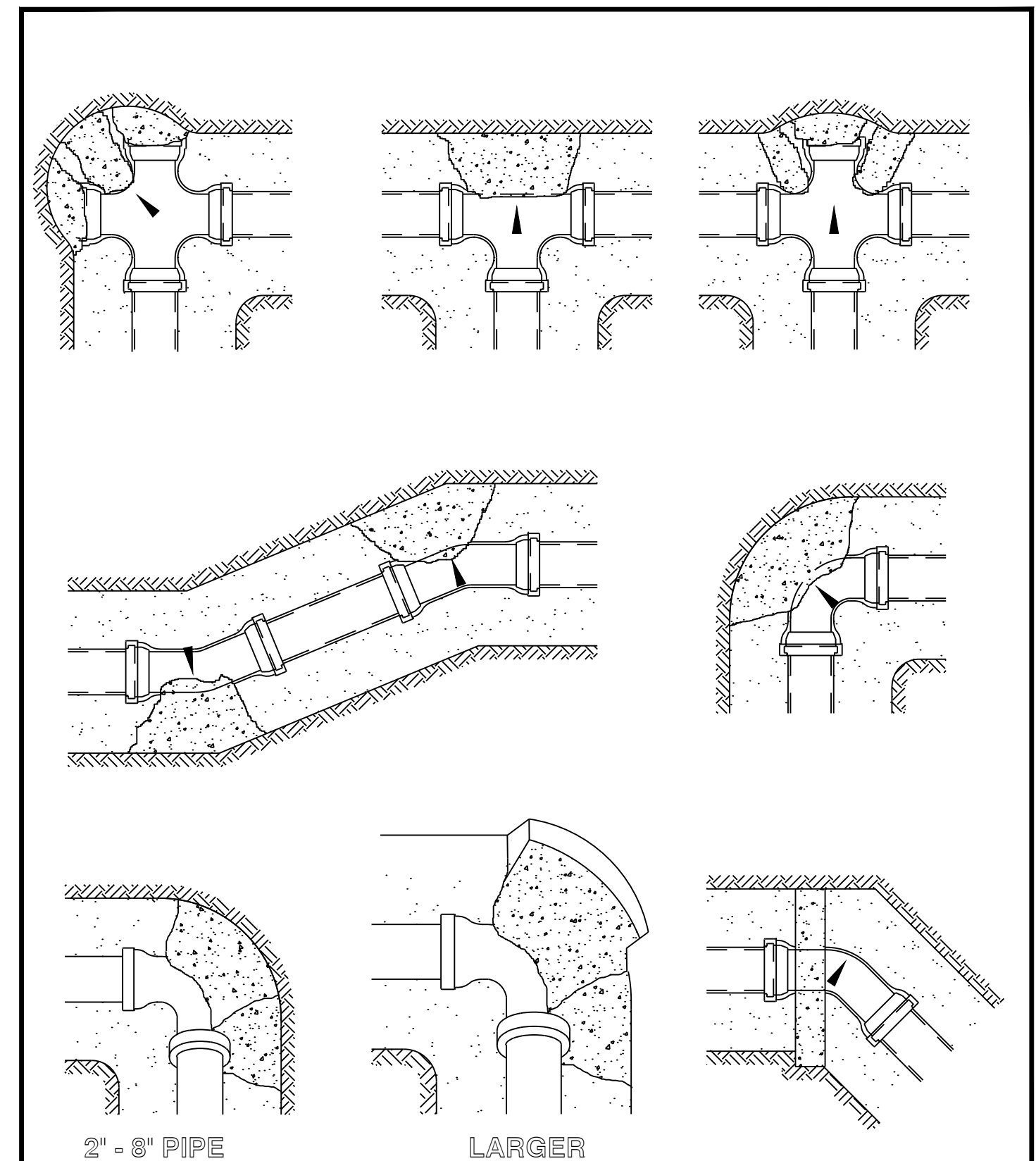
CITY OF BROKEN ARROW		STANDARD DRAWING: STD W 01	
		LAST REVISION DATE: 8/01/99	
DRAWN BY: ADN	CHECKED BY: DLW	APPROVED: MDK	DATE: 8/01/99



- NOTES:
- WATER LINE CONTRACTOR TO PLACE 2 FOOT SQUARE CONCRETE PAD AROUND EACH WATER VALVE AFTER FINAL GRADING HAS BEEN COMPLETED AND TRENCHES HAVE SETTLED.
  - VALVE BOXES REQUIRING OVER 2 ADDITIONAL BOTTOM SECTIONS SHALL BE EXTENDED USING C900 DR14 PVC PIPE WITH A BOTTOM AND TOP SECTION PLACED ON TOP OF THE C900 DR14 PVC PIPE.

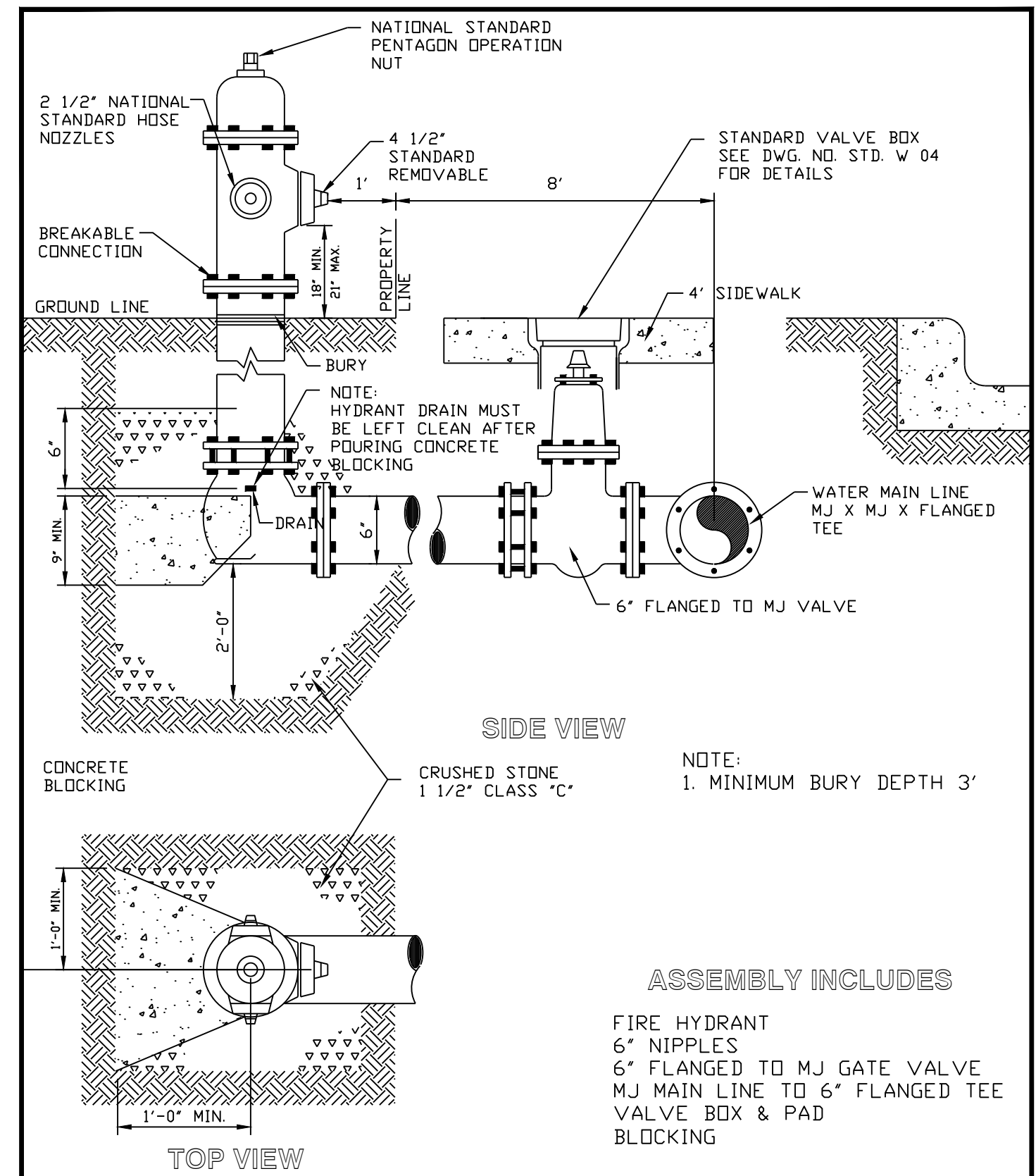
**VALVE BOX DETAIL**

CITY OF BROKEN ARROW		STANDARD DRAWING: STD W 04	
		LAST REVISION DATE: 8/01/99	
DRAWN BY: ADN	CHECKED BY: DLW	APPROVED: MDK	DATE: 8/01/99



**THRUST BLOCK LOCATION DETAILS**

CITY OF BROKEN ARROW		STANDARD DRAWING: STD W 06	
		LAST REVISION DATE: 8/01/99	
DRAWN BY: ADN	CHECKED BY: DLW	APPROVED: MDK	DATE: 8/01/99



**FIRE HYDRANT ASSEMBLY DETAIL**

CITY OF BROKEN ARROW		STANDARD DRAWING: STD W 09	
		LAST REVISION DATE: 8/01/99	
DRAWN BY: ADN	CHECKED BY: DLW	APPROVED: MDK	DATE: 8/01/99

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**EVERGREEN BAPTIST CHURCH - PHASE 4**

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08/12/2022		

**CIVIL DETAILS**

JOB: 220119  
 ISSUE: 08.26.2022  
 DRAWN BY: DAG  
 CHKD BY: LJB

**C702**

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