

SUMMARY OF QUANTITIES

ITEM #	ITEM (PRIVATE)	UNIT	QUANTITY	AS-BUILT
1.	18" FLARED END SECTION (FES)	EA	2	
2.	18" HP PIPE	L.F.	88	
3.	2' WIDE CONCRETE TRICKLE CHANNEL	L.F.	241	
4.	4' WIDE EMERGENCY OVERFLOW FLUME	EA	1	
5.	12" RIP RAP W/ FILTER BLANKET	S.Y.	8	
6.	3' CUTOFF WALL	EA	4	
7.	TYPE 'A' AGGREGATE BACKFILL	C.Y.	12	
8.	CRUSHED ROCK BEDDING	C.Y.	23	
9.	REMOVE AND REPLACE FENCE	L.F.	8	
10.	SOLID SLAB SOD	S.Y.	2100	

SWQ PERMIT IS REQUIRED BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN.

EROSION CONTROL QUANTITIES (BY CONTRACTOR)

1.	TEMPORARY CONSTRUCTION DRIVE	EA	1	
2.	SILT FENCE	L.F.	1529	
3.	CURB INLET PROTECTION	EA	2	
4.	CONCRETE WASHOUT	EA	1	

STANDARD DETAILS

# PROJECT NO. DP-5285

## DETENTION POND PLANS

TO SERVE

### 44TH & COUNTY LINE RD

A PART OF THE NE/1 OF SEC. 19, T-11-N, R-4-W, I.M.  
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

GENERAL NOTES:

- THE CONTRACTOR SHALL SATISFY HIMSELF CONCERNING THE ACCURACY OF ALL MEASUREMENTS BEFORE CONSTRUCTING ANY PERMANENT STRUCTURE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH OKLAHOMA CITY STANDARD SPECIFICATIONS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS", A PUBLICATION FURNISHED BY THE CITY OF OKLAHOMA CITY THAT OUTLINES THE MINIMUM STANDARDS OF WORKMANSHIP, MATERIALS, TESTING AND METHODS OF CONSTRUCTION EXPECTED IN PUBLIC AND PRIVATE DEVELOPMENT WORK, WITHIN THE THE OKLAHOMA CITY LIMITS.
- TESTING OF MATERIALS AND WORKMANSHIP SHALL BE UNDERTAKEN AS OUTLINED IN THE CITY'S STANDARDS. RESULTS SHALL BE PROVIDED TO THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE IN A TIMELY FASHION. THE CONTRACTOR SHALL COORDINATE AND FACILITATE THE DUTIES OF THE CITY'S DESIGNATED REPRESENTATIVE DURING CONSTRUCTION.
- ANY PAY ITEM, OR QUALITY TESTING PROCEDURE OUTLINED IN THE CITY'S STANDARDS THAT IS NOT CLEARLY ADDRESSED IN THE ABOVE PAY QUANTITY TALBE, OR THE CONTRACT AGREEMENT BETWEEN DEVELOPER AND CONTRACTOR WILL BE CONSIDERED AS AND INCIDENTAL PAY ITEM, AND WOULD IMPLEMENTED AND PAID FOR BY THE CONTRACTOR.
- TRAFFIC CONTROL, AS OUTLINED BY THE CITY'S STANDARDS AND THE PUBLICATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS", WILL BE IMPLEMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REPLACEMENT AND/OR REPAIR OF ALL TRAFFIC CONTROL DEVICES AND APPURTENANCES DAMAGED OR DISTURBED DUE TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL EROSION CONTROL DEVICES DAMAGED DUE TO CONSTRUCTION.
- A COPY OF THE EROSION CONTROL SITE PLAN MUST BE ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
- A NOTICE OF INTENT (NOI) SHOULD BE SUBMITTED 30 DAYS PRIOR TO THE INITIAL DISTURBANCE OF SOILS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS THAT WILL BE IN CONFLICT WITH THE PROPOSED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL UTILITIES, EITHER PUBLIC OR PRIVATE, AND SHALL SATISFY HIMSELF AS TO THEIR ACTUAL LOCATION PRIOR TO COMMENCING CONSTRUCTION.
- CONSTRUCTION ACTIVITIES THAT RESULT IN LAND DISTURBANCE OF EQUAL TO OR GREATER THAN ONE (1) ACRE, OR LESS THAN ONE (1) ACRE IF THEY ARE A PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT TOTAL AT LEAST ONE (1) ACRE MUST ALSO OBTAIN A PERMIT FROM ODEQ (FORM 605-002a) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. THIS MEANS THAT LAND DISTURBING OF ONE (1) ACRE OR MORE MUST PERMIT WITH ODEQ AND THE CITY OF OKLAHOMA CITY STORM WATER QUALITY.
- A WORK ZONE PERMIT MUST BE OBTAINED FROM THE TRAFFIC MANAGEMENT DIVISION AT LEAST TWO (2) WORKING DAYS PRIOR TO THE START OF WORK AND/OR PLACING OR REMOVING ANY BARRICADES OR MODIFYING EXISTING TRAFFIC CONTROL DEVICES. EMAIL WORKZONES@OKC.GOV TO OBTAIN AN APPLICATION.
- ALL PIPE AND CONCRETE BOX CULVER JOINTS ARE TO CONTAIN THE APPROPRIATE GASKET OR JOINT MATERIAL. RCP WITH "O" RINGS AND ALUMINIZED CORRUGATED METAL PIPE WITH "GASKETS" SHALL BE INSTALLED UNDER STREETS AND ROADWAYS, NEXT TO CURBS, AND BETWEEN HOUSES. ALL JOINTS ON RCP, RCB, AND CMP SHALL BE WRAPPED WITH A TWO (2) FOOT WIDE FILTER FABRIC STRIP AROUND THE JOINT AND OVERLAPPING TWO (2) FEET.
- THE CONTRACTOR SHALL ONLY PROVIDE A CURB DEPRESSION WHERE HANDICAP RAMPS ARE SHOWN ON THE CONSTRUCTION PLAN. HANDICAP RAMPS TO BE CONSTRUCTED BY OTHERS AND THE TIME OF SIDEWALK CONSTRUCTION.

SWC-2021-XXXX (PENDING)  
BLDC-2021-00307

MPJ  
2022.05.16  
SET MIN FFE AT 1300.5.

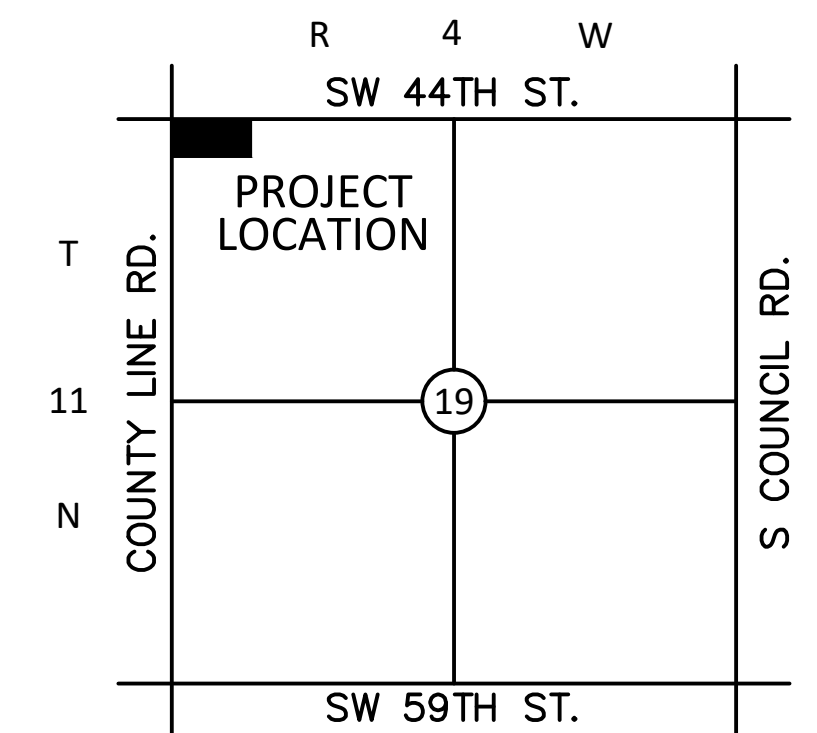
VERTICAL DATUM: NAVD 88

BENCHMARK - BM 1	
ELEVATION	1301.143
MONUMENT	MAG NAIL
LOCATION	N: 153314.837 E: 2067152.068

BENCHMARK - BM 2	
ELEVATION	1309.818
MONUMENT	MAG NAIL
LOCATION	N: 152954.896 E: 2066403.979



The City of  
**OKLAHOMA CITY**  
Public Works Department



SHEET INDEX

SHEET NO.	DESCRIPTION
C0.00	COVER SHEET
---	SURVEY
C3.00	GRADING PLAN
C4.01	DETENTION POND PLAN
C4.02	HISTORIC DRAINAGE AREA
C4.03	DEVELOPED DRAINAGE AREA
C5.00	EROSION CONTROL PLAN
C5.01	EROSION CONTROL DETAILS

BENCHMARK

ONE CALL UTILITY LOCATION NUMBER

840-5032  
1-800-522-6543

This number is to be used for information on the location of all underground utilities. Contact this number and other numbers specified in the plans prior to any excavation.



SUBMITTAL DATES TO OKC

Check Print #1:	Date:
Check Print #2:	Date:
Final Plans:	Date:

PREPARED BY:

**JON DOYLE**  
(405) 778-3385

CONSTRUCTION MUST BEGIN WITHIN ONE (1) YEAR FROM THE DATE OF APPROVAL, OR THAT APPROVAL IS WITHDRAWN.

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

REGISTERED PROFESSIONAL ENGINEER  
DATE: **12.31.23**

Field Checked by: *[Signature]* Date: **5/16/2022**

Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

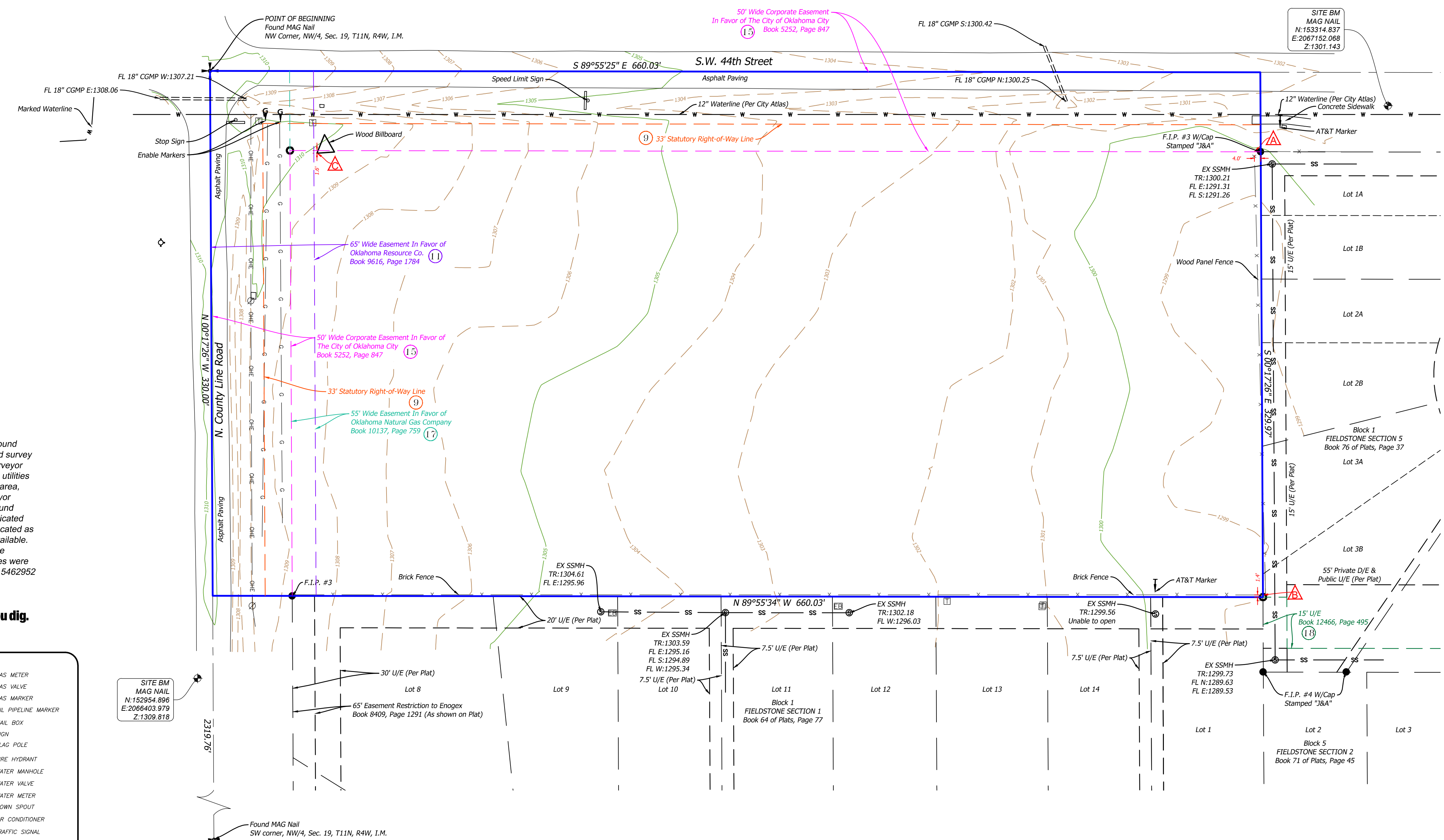
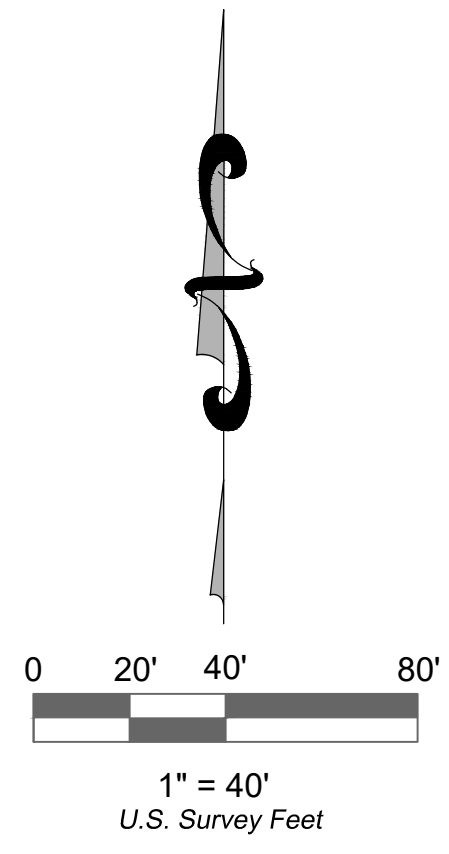
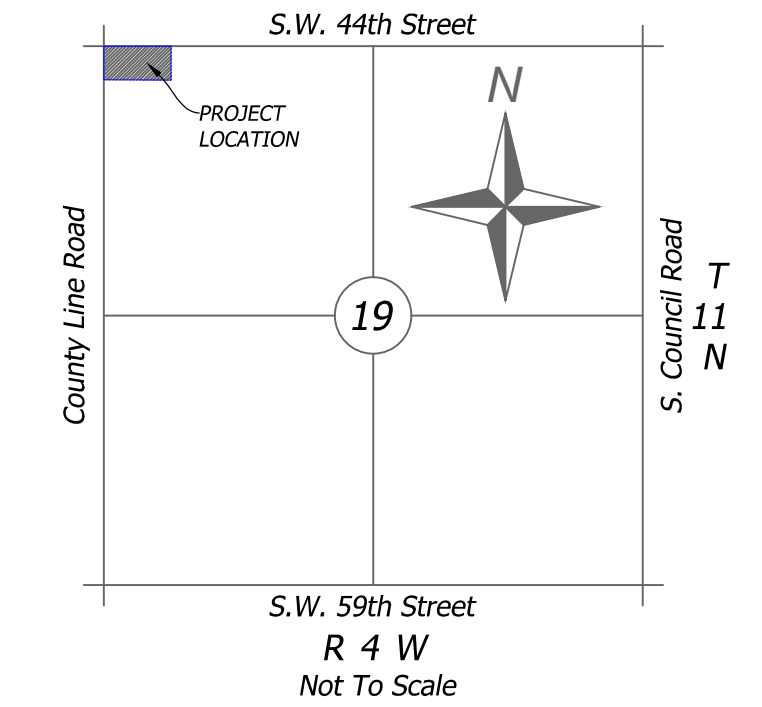
APPROVED:  
\* Hold final C/O for private D/E.  
*[Signature]* Date: **5/17/22**  
City Engineer: \_\_\_\_\_ Date: \_\_\_\_\_



DETENTION POND PLANS TO SERVE  
44TH & COUNTY LINE RD

(DP-5285)

# ALTA/NSPS LAND TITLE SURVEY OF S.W. 44TH STREET & COUNTY LINE ROAD



**UTILITY NOTE**  
Pursuant to Table A item 11, The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown compromise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that utilities are located as accurately as possible from information available. The surveyor has not physically located the underground utilities. Shown located utilities were marked in reference to Call 811 #20021315462952



LEGEND	
⊗	POWER POLE
⊙	LIGHT POLE
⊕	GUY ANCHOR
⊖	ELECTRIC METER
⊗	ELECTRIC BOX
⊕	ELEC. TRANSFORMER
⊖	ELEC. MANHOLE
⊗	ELEC. PEDESTAL
⊕	ELEC. PULL BOX
⊖	SPOT LIGHT
⊗	SANITARY SEWER MANHOLE
⊕	SANITARY SEWER CLEANOUT
⊖	STORM SEWER MANHOLE
⊗	TELEPHONE RISER
⊕	TELEPHONE MANHOLE
⊖	TELEPHONE MARKER
⊗	TELEPHONE PULL BOX
⊕	FIBER OPTIC MARKER
⊖	CABLE TV PEDESTAL
⊗	CABLE MARKER
⊕	CABLE TV PULL BOX
⊖	IRRIGATION CONTROL VALVE
⊗	SPRINKLER HEAD
⊕	BOLLARD
⊖	VENT PIPE
⊗	FIRE DEPARTMENT CONNECT
⊕	PROpane TANK
⊖	WATER LINE
⊗	GAS LINE
⊕	SANITARY SEWER LINE
⊖	TELEPHONE LINE
⊗	ELECTRIC LINE
⊕	OVERHEAD POWERLINE
⊖	FENCE (TYPE AS NOTED)
⊗	S.P.-SET IRON PIN
⊕	F.I.P.-FOUND IRON PIN
⊖	B/L/A BUILDING LIMIT LINE
⊗	U/E UTILITY EASEMENT
⊕	L.P.-IRON PIN
⊖	H/C-HANDICAP
⊗	R/C-REINFORCED CONCRETE PIPE
⊕	FOUNDER MONUMENT
⊖	RIGHT OF WAY MARKER
⊗	TREE
⊕	BUSH
⊖	YARD HEDGEMANT/SPICKET
⊗	BENCHMARK
⊕	FIBER OPTIC LINE
⊖	PROPERTY LINE
⊗	LOT LINE
⊕	EASEMENT LINE
⊖	SECTION LINE

**POSSIBLE ENCROACHMENTS**

- The corner of a wood panel fence extends a maximum of 4.0' West of the East property line, more or less.
- The face of a brick fence crosses the South property line 1.4' North of the SE property corner.
- A wood post billboard extends a maximum of 1.6' South of the the North prperty line, more or less.

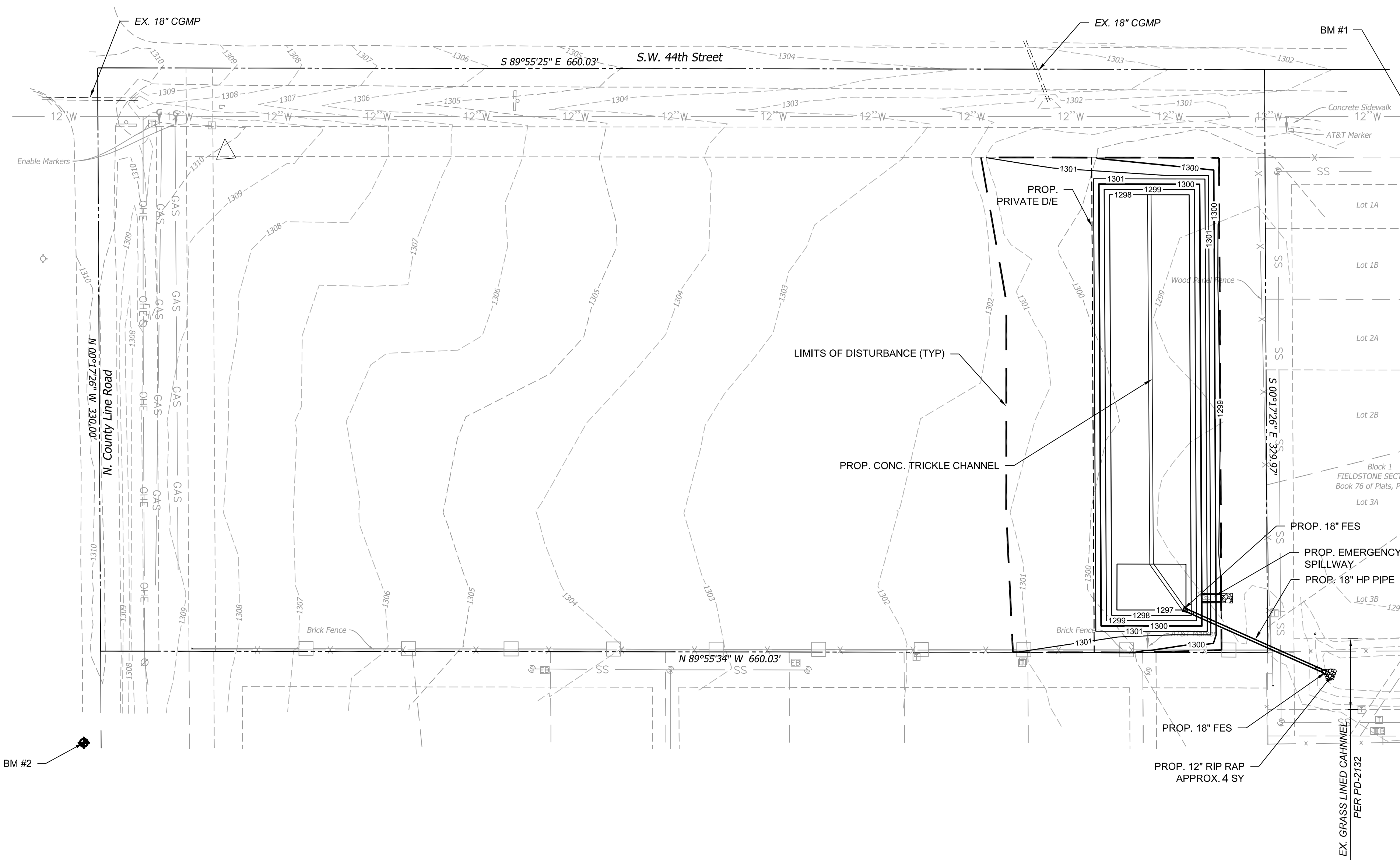
- LEGAL DESCRIPTION**  
A tract of land being a part of Government Lot One (1) of the Northwest Quarter (NW/4) of Section Nineteen (19), Township Eleven (11) North, Range Four (4) West of the Indian Meridian, Oklahoma County, Oklahoma, being more particularly described as follows: Beginning at the Northwest corner of said Northwest Quarter (NW/4), thence South 89°55'25" East, along and with the North line of said Government Lot One (1), a distance of 660.03 feet to the Northwest corner of Fieldstone Section 5 according to the Plat recorded in Book 75, Page 37; thence South 00°17'26" East, along and with the West line of said Fieldstone Section 5, a distance of 329.97 feet to a point on the North line of Block Five (5) Fieldstone Section 2 according to the Plat recorded in Book 71, Page 45; thence North 89°55'34" West, along and with the North line of said Block 5 Fieldstone Section 2 and the North line of the Plat Fieldstone Section 1 as recorded in Book 64, Page 77, a distance of 660.03 feet to a point on the West line of said Government Lot One (1); thence North 00°17'26" West, along and with said West line, a distance of 330.00 feet to the point of beginning. Containing 217,795 Sq. Ft. or 4.9998 Acres, more or less.
- SCHEDULE B-II EXCEPTIONS**
- Statutory Roadway Easement in favor of the State of Oklahoma across the section lines. Affects as shown hereon.
  - Right of Way Grant - Pipeline in favor of the Okla Resources Development Co., recorded in Book 2148, Page 491. Affects subject property, Blanket across Lot One of Section 19, T11N, R4W, I.M. Not plottable.
  - Right of Way Grant - Pipeline in favor of Okla. Resources Development Co., recorded in Book 2379, Page 491; Partial Release of Right of Way Grant, recorded in Book 9616, Page 1784. Affects as shown hereon.
  - Easement in favor of Oklahoma Gas and Electric Company, recorded in Book 3169, Page 390. Does not affect.
  - Easement in favor of Oklahoma Gas and Electric Company, recorded in Book 585, Page 585. Does not affect.
  - Right of Way Agreement in favor of Oklahoma City University, recorded in Book 4842, Page 125. Does not affect.
  - Corporate Easement in favor of the City of Oklahoma City, recorded in Book 5252, Page 847. Affects as shown hereon.
  - Permanent Easement in favor of the City of Oklahoma City, recorded in Book 8143, Page 786. Does not affect.
  - Right of Way Agreement in favor of Oklahoma Natural Gas Company, recorded in Book 10137, Page 759. Does not affect.
  - Permanent Easement in favor of the City of Oklahoma City, recorded in Book 12466, Page 495. Affects as shown hereon.
  - Permanent Easement in favor of the City of Oklahoma City, recorded in Book 12466, Page 487. Does not affect.
  - Permanent Easement in favor of the City of Oklahoma City, recorded in Book 12466, Page 491. Does not affect.
  - Permanent Easement in favor of the City of Oklahoma City, recorded in Book 13408, Page 1714. Does not affect.

- GENERAL NOTES**
- Pursuant to Table A item 3, Said described property in, by graphical plotting only, located within an area having a Zone Designation X (Unshaded) by FEMA, on Flood Insurance Rate Map No. 40109C0270H, dated December 18, 2009.
  - The Property has direct access to N.W. 44th Street and S. County Line Road, both being a dedicated public street.
  - Pursuant to Table A item 9, The total number of striped parking spaces on the subject property is 0, including 0 designated handicap spaces.
  - Pursuant to Table A item 16, There is no observed evidence of current earth moving work, building construction or building additions.
  - Pursuant to Table A item 17, There are no proposed changes in street right of way lines, to the best of my knowledge. There is no observed evidence of recent street or sidewalk construction or repairs.
  - There is no observed evidence of site use as a solid waste dump, sump or sanitary landfill.
  - A assumed bearing of North 00°17'26" West as the West line of the subject property per Oklahoma State Plane Grid North was used as the basis of bearing for this survey.
  - All unit of measurements are US Survey feet (Ground).

**ALTA/NSPS LAND TITLE SURVEY**  
To:  
MEBS Development Co., LLC and Chicago Title Insurance Company.  
The property described hereon is located completely within the property described in Chicago Title Insurance Company's Commitment No. 710702000150 dated February 18, 2020.  
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 8, 9, 11, and 20 of Table A thereof. The field work was completed on February 20, 2020.  
I further certify that this survey meets the Oklahoma Minimum Standards for the practice of land surveying and that there are no visible encroachments across the boundary lines other than those shown.

Prepared By  
**GOLDEN**  
LAND SURVEYING  
7304 NW 164th St., Suite #5, Edmond, Oklahoma 73013  
C.A.# 7263 / Exp. Date =6/30/2020  
Telephone: (405) 802-7883 Job No: 20154 troy@goldens.com  
Sheet 1 Of 1

*Troy Dee*  
Troy Dee, PLS #1745  
March 3, 2020



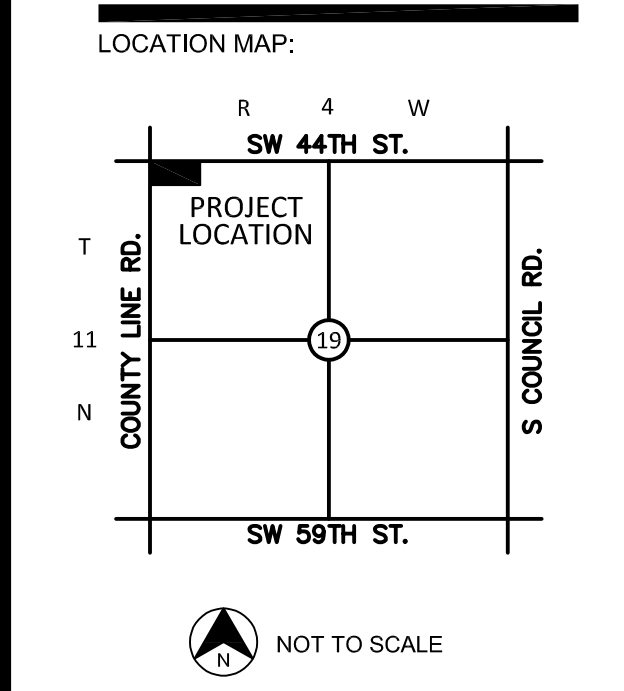
### LEGEND

---	BOUNDARY LINE	---	RIGHT OF WAY LINE
---	EASEMENT LINE	---	EXISTING CONCRETE CURB AND GUTTER
---	PROPOSED CONCRETE CURB AND GUTTER	---	PROPOSED FIRE LANE STRIPING
---	OHE	---	OVERHEAD ELECTRIC
---	UGE	---	UNDERGROUND ELECTRIC
---	GAS	---	GAS LINE
---	UGT	---	UNDERGROUND TELEPHONE
---	FO	---	UNDERGROUND FIBER OPTIC
---	SS	---	SANITARY SEWER
---	8"W	---	WATERLINE
●	BENCHMARK	⊕	EX. POWER POLE
⊕	FIRE HYDRANT	⊕	PROP. POWER POLE
⊕	WATER VALVE	⊕	EX. TELEPHONE PED.
⊕	EX. WATER METER PIT	⊕	EX. TELEPHONE MANHOLE
⊕	EX. WATER METER	⊕	EX. TRAFFIC SIGNAL LIGHT
⊕	PROP. WATER METER	⊕	EX. TRAFFIC CONTROL BOX
⊕	EX. SPRINKLER VALVE	⊕	EX. FLAG POLE
⊕	EX. AUTO SPRINKLER	⊕	EX. YARD LIGHT
⊕	EX. ELECT. PEDESTAL	⊕	EX. GREASE TRAP
⊕	EX. ELECT. TRANSFORMER	⊕	EX. SS MANHOLE
⊕	EX. ELECT. METER	⊕	PROP. SS MANHOLE
⊕	PROP. ELECT. METER	⊕	EX. GAS METER
⊕	EX. AIR CONDITIONER	⊕	PROP. GAS METER
⊕	EX. SIGNAGE	⊕	EX. ELECT. MANHOLE
⊕	EX. LIGHT POLE	⊕	EX. STORM MANHOLE
⊕	EX. BOLLARD		
⊕	PROP. LIGHT POLE		
⊕	PROP. INLETS (SEE GRADING PLAN FOR TYPE)		
⊕	VERTICAL SEPARATION REQUIREMENT		

- ### GRADING NOTES
- A. CONTRACTOR SHALL REFER TO THE SITE SPECIFIC GEOTECHNICAL REPORT FOR EXISTING SOIL CONDITIONS, CONSIDERATIONS, AND RECOMMENDATIONS.
  - B. CONTRACTOR SHALL REFER TO THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO THE WRITTEN SPECIFICATIONS, CONSTRUCTION DRAWINGS, STORM WATER POLLUTION PLAN, AND GEOTECHNICAL REPORT.
  - C. CONTRACTOR IS RESPONSIBLE FOR THEIR OWN HORIZONTAL AND VERTICAL CONTROL, REFERENCE POINTS AND CONSTRUCTION STAKING AS INCIDENTAL TO THE PROJECT.
  - D. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS/PROPERTY LINES/UTILITIES/DRAINAGE PRIOR TO CONSTRUCTION START.
  - E. ALL SITE EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED EXCAVATION.
  - F. GENERAL CONTRACTOR TO PROVIDE A UNIT PRICE FOR REMOVAL AND REPLACEMENT OF SOILS ON THIS SITE SHOULD REMOVAL BE REQUIRED.
  - G. ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED AS INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.
  - H. CONTRACTOR SHALL PROVIDE FINAL GRADES THAT DO NOT OBSTRUCT ANY UTILITY ACCESS AND PROVIDE A SMOOTH TRANSITION TO MEET AND MATCH EXISTING GRADES ON ALL SIDES.
  - I. ADA ROUTES ARE NOT TO EXCEED 1:20 RUNNING SLOPE AND 2% CROSS SLOPE. HANDICAP PARKING AND ACCESS AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION.
  - J. ALL NATURAL GROUND SLOPES SHALL NOT EXCEED 3:1. PAVING SLOPES SHALL NOT EXCEED 8%.
  - K. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY EARTH DISTURBING PERMITS HAVE BEEN ACQUIRED AND MEET THE CONDITIONS/REQUIREMENTS SET FORTH IN THE PERMITS PRIOR TO CONSTRUCTION.
  - L. CONTRACTOR IS REQUIRED TO CALL ONE CALL AS WELL AS THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION/CONSTRUCTION ACTIVITIES TAKE PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
  - M. THE CONTRACTOR SHALL GRADE SITE TO ENSURE ALL SURFACE WATER DRAINAGE IS AWAY FROM THE BUILDING AND PROVIDES POSITIVE DRAINAGE SO THAT NO STANDING/PONDING WATER TAKES PLACE ON SITE OR ON ADJACENT PROPERTIES.
  - N. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE OWNERS DESIGN GUIDELINES AND SPECIFICATIONS, AND WHERE APPLICABLE SHALL MEET THE REQUIREMENTS OF THE GOVERNING/PERMITTING AUTHORITY HAVING JURISDICTION.
  - O. THE BUILDING SUBGRADE SHALL BE CONSTRUCTED TO INCLUDE A MINIMUM OF 10 FEET BEYOND THE BUILDING LIMITS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE OWNER.
  - P. REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR REQUIRED FLOOR SLAB THICKNESS.
  - Q. THE BUILDING PAD SUBGRADE SHALL BE PREPARED IN STRICT ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING STUDY AND THE CIVIL SPECIFICATIONS.
  - R. ESTABLISH FINAL SUBGRADE ELEVATIONS TO ALLOW FOR PAVEMENT/SLAB SECTIONS AS INDICATED ON THE PLANS.
  - S. IF CONFLICTS EXIST BETWEEN THE GEOTECHNICAL REPORT AND THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

### SPOT ELEVATION LEGEND

TC - TOP OF CURB	FF - FINISH FLOOR
G - GUTTER	FG - FINAL GRADE
TP - TOP OF PAVEMENT	TW - TOP OF WALL
HP - HIGH POINT	BW - BOTTOM OF WALL
LP - LOW POINT	NOTE: BW IS BOTTOM OF WALL AT GRADE, NOT FOOTING
SW - SIDEWALK	
⊕	VERTICAL SEPARATION REQUIREMENT



PROJECT:

## 44TH & COUNTY LINE RD

OKLAHOMA CITY, OKLAHOMA

PROJECT NUMBER: 21130  
DRAWING DATE: 04.19.22  
ISSUE DATE: 04.19.22

SEAL:

SUBMITTAL:

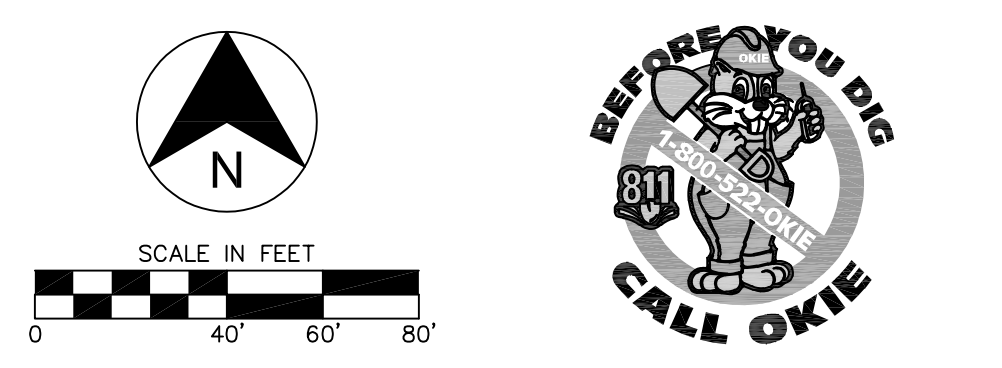
### PERMIT SET

REVISIONS:

NO.	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

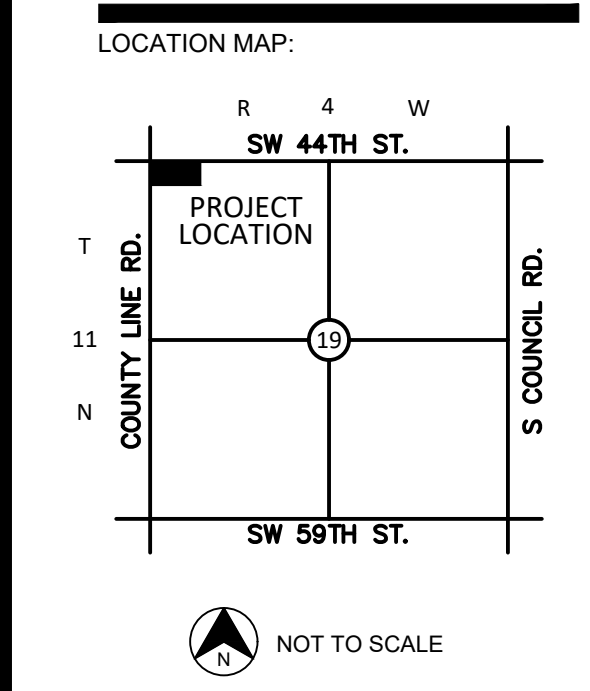
DRAWING TITLE:



## GRADING PLAN

SHEET:

# C3.00



PROJECT:  
**44TH & COUNTY LINE RD**

OKLAHOMA CITY, OKLAHOMA  
 PROJECT NUMBER: 21130  
 DRAWING DATE: 04.19.22  
 ISSUE DATE: 04.19.22

SEAL:

SUBMITTAL:  
**PERMIT SET**

REVISIONS:

MARK	DATE	DESCRIPTION

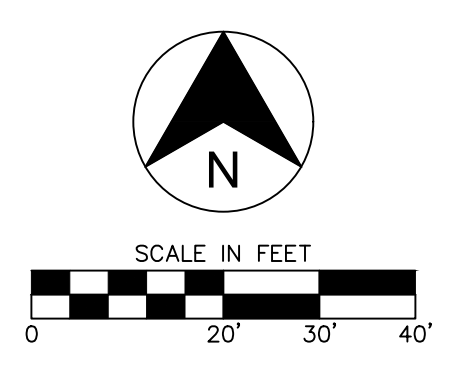
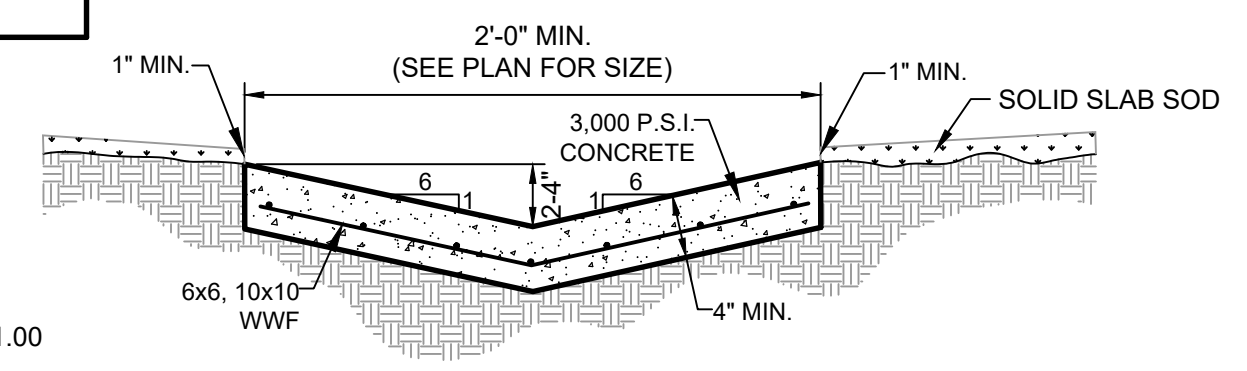
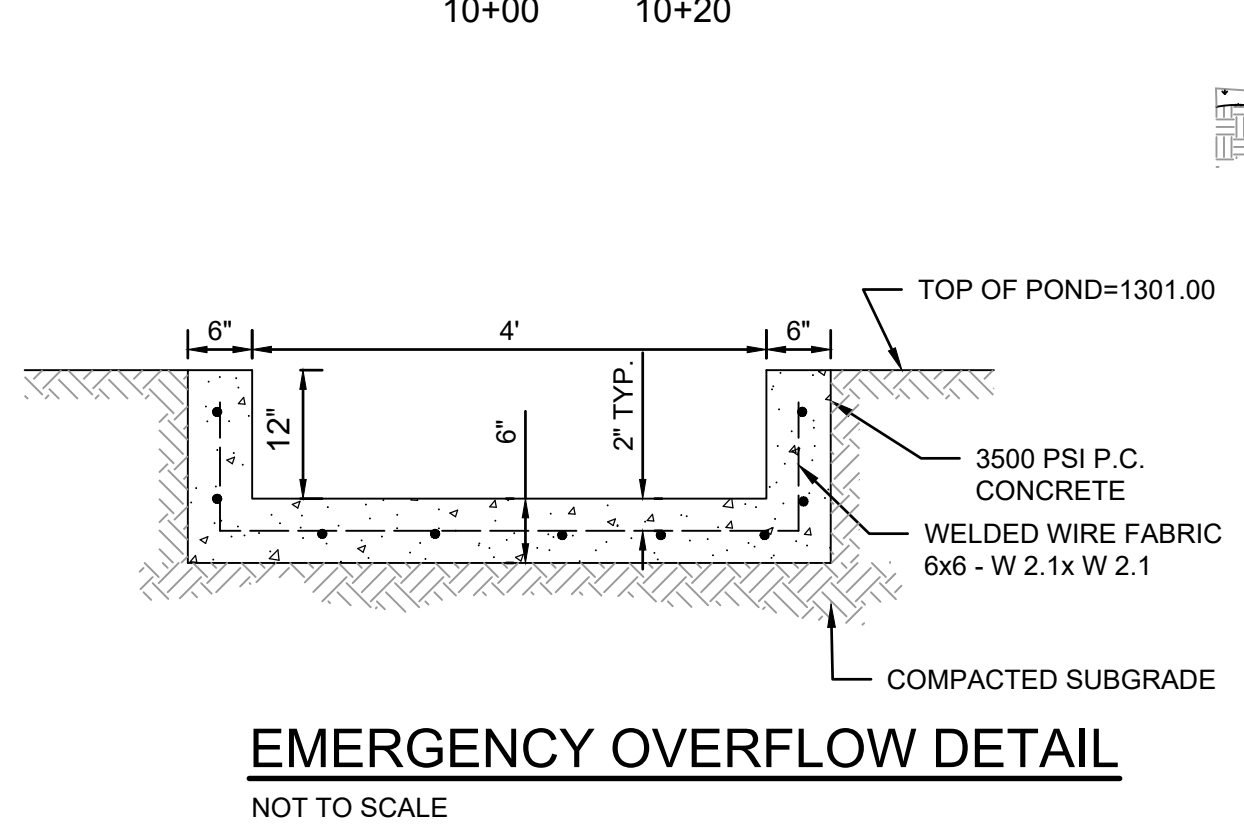
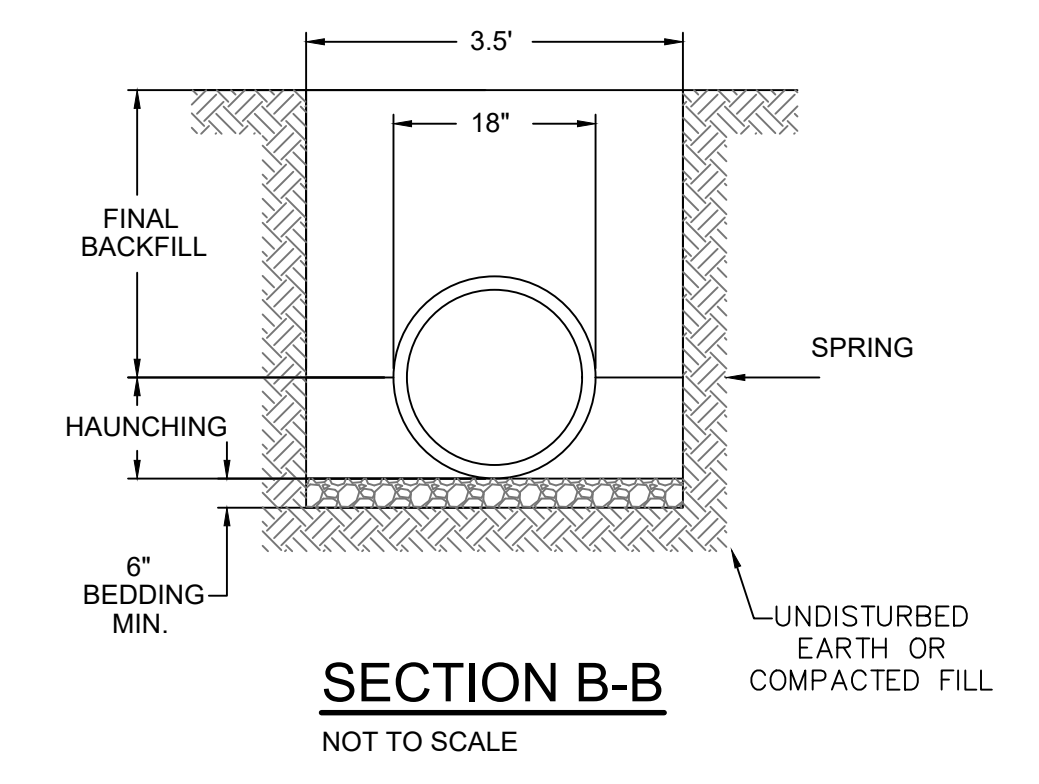
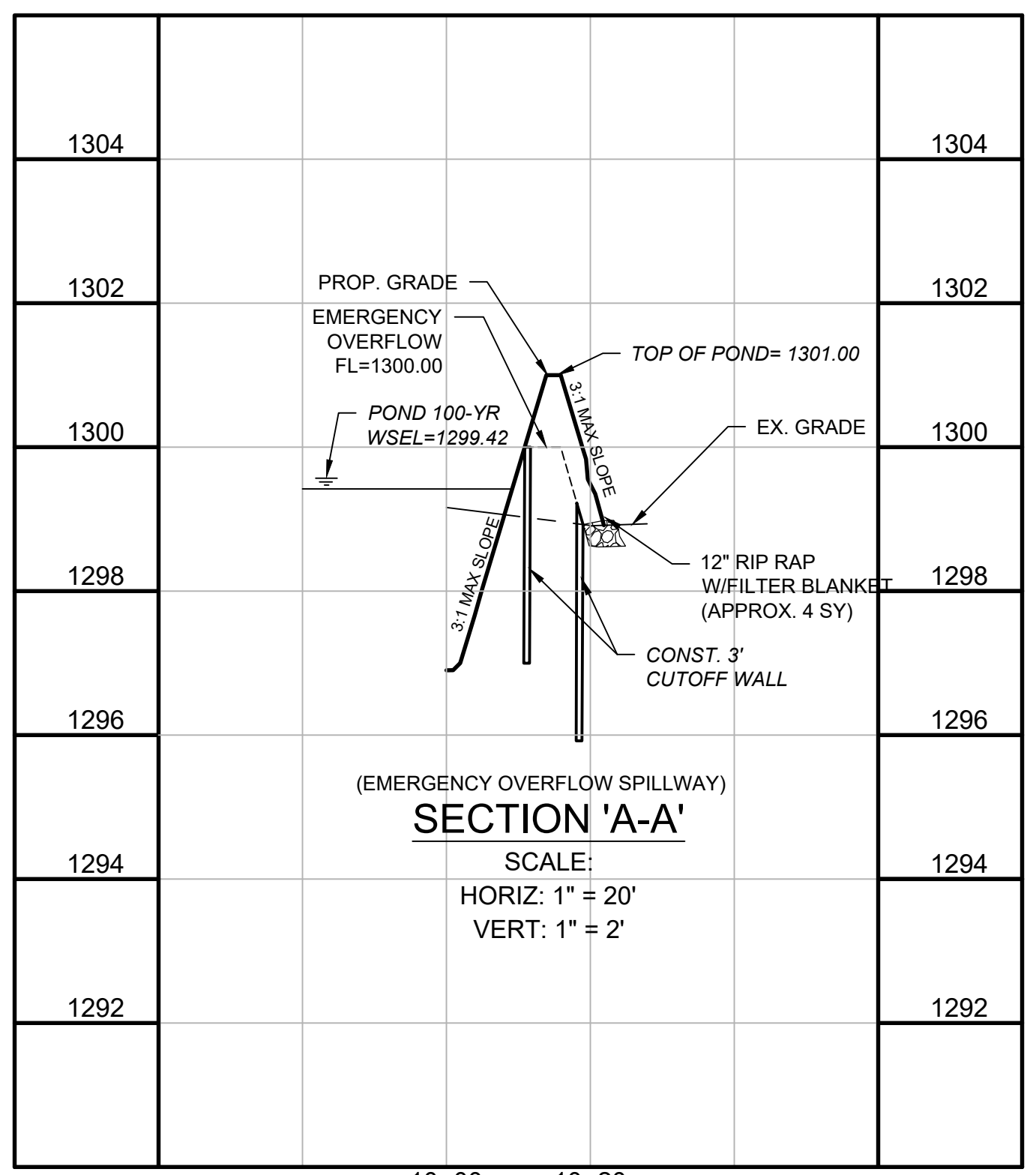
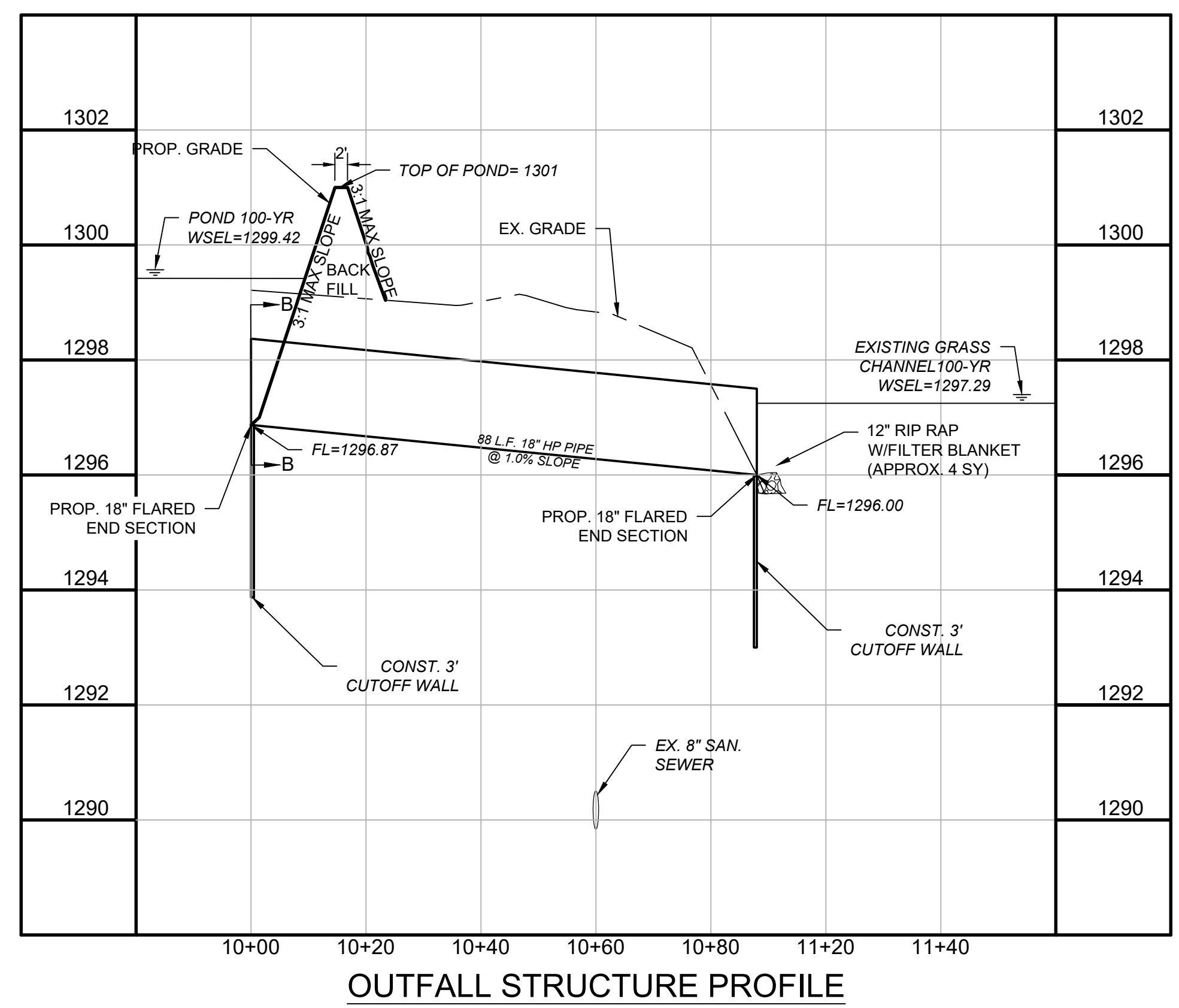
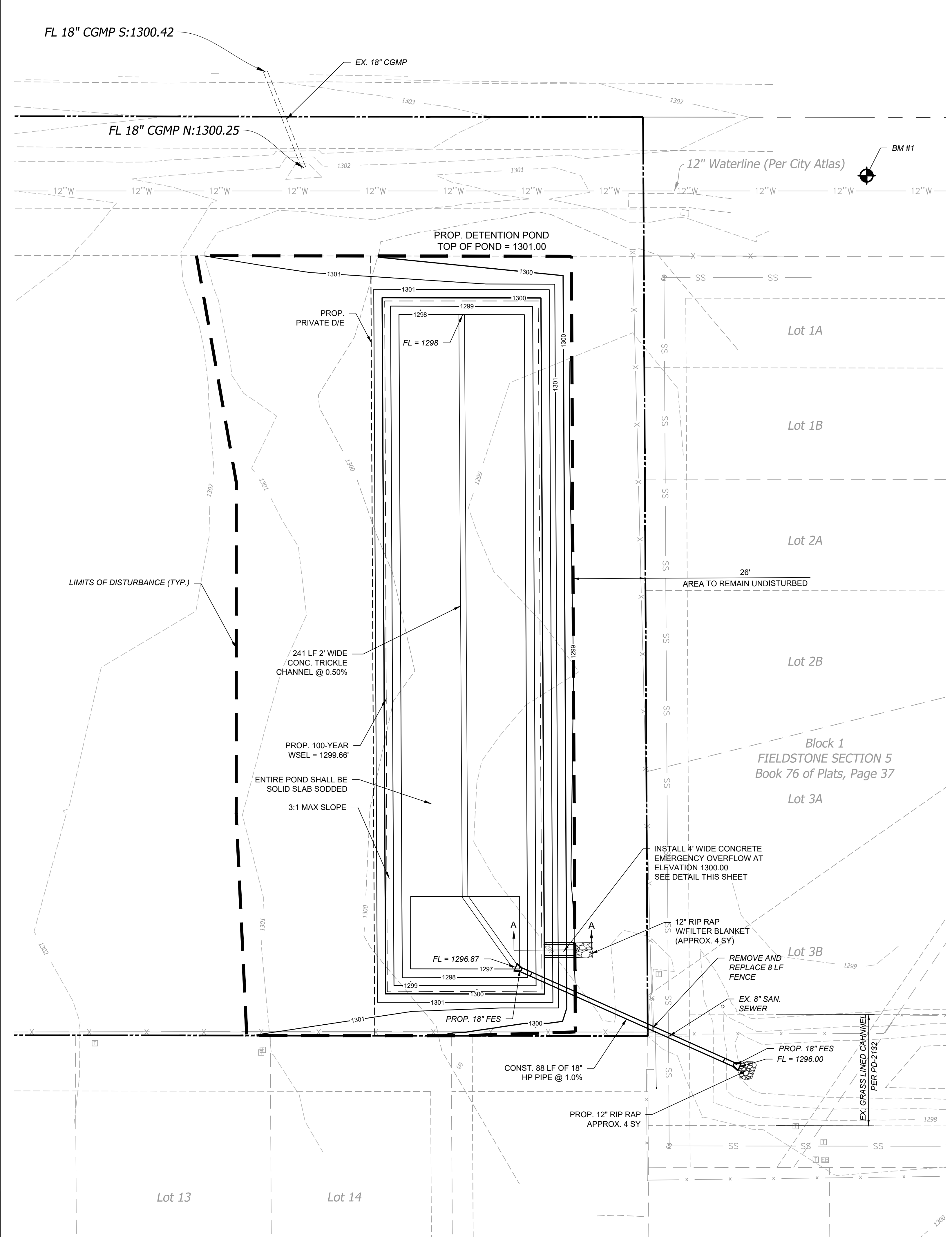
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DRAWING TITLE:

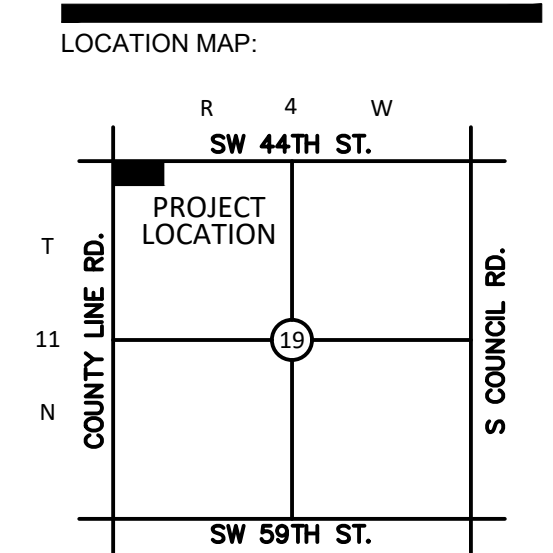
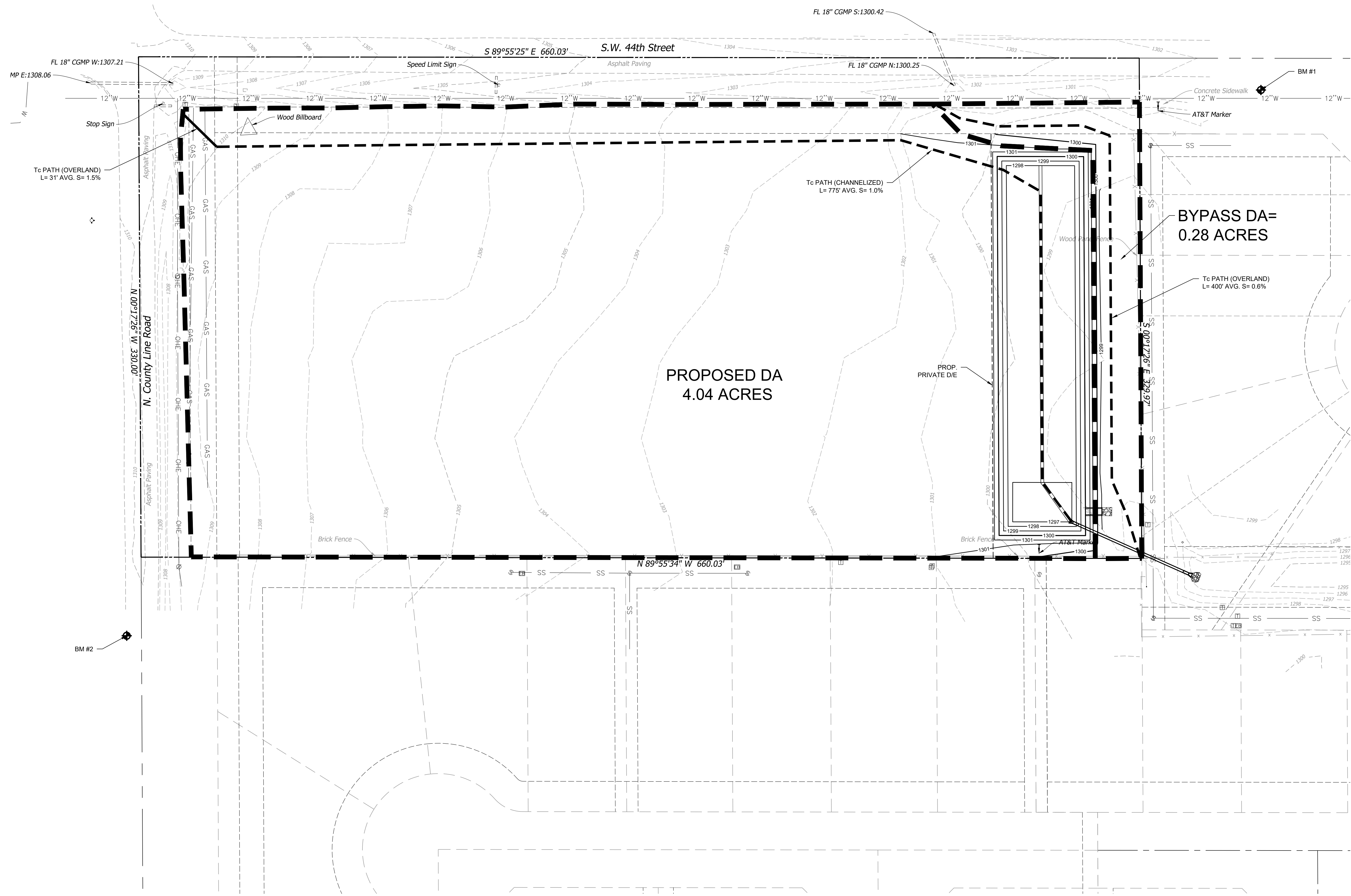
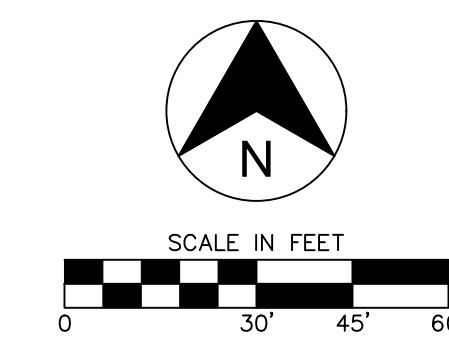
**DETENTION POND PLAN**

SHEET:  
**C4.01**

DP-5285







NOT TO SCALE

PROJECT:  
**44TH & COUNTY LINE RD**

OKLAHOMA CITY, OKLAHOMA  
 PROJECT NUMBER: 21130  
 DRAWING DATE: 04.19.22  
 ISSUE DATE: 04.19.22

SEAL:

SUBMITTAL:  
**PERMIT SET**

REVISIONS:

MARK	DATE	DESCRIPTION

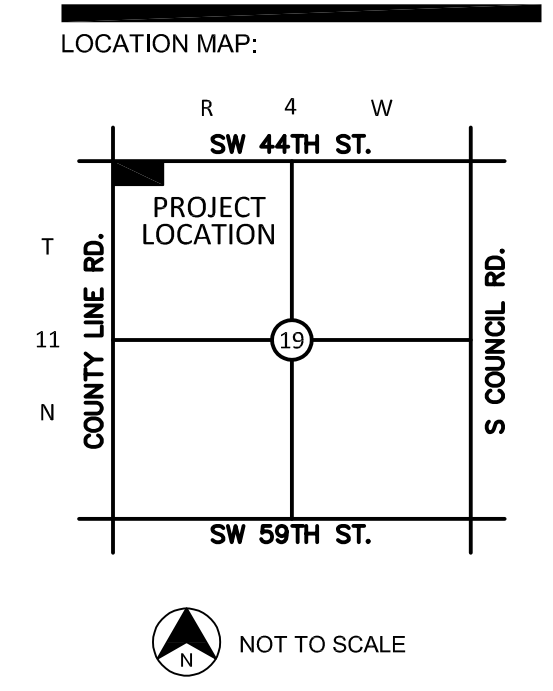
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DRAWING TITLE:  
**PROPOSED DRAINAGE AREA**

SHEET:  
**C4.03**

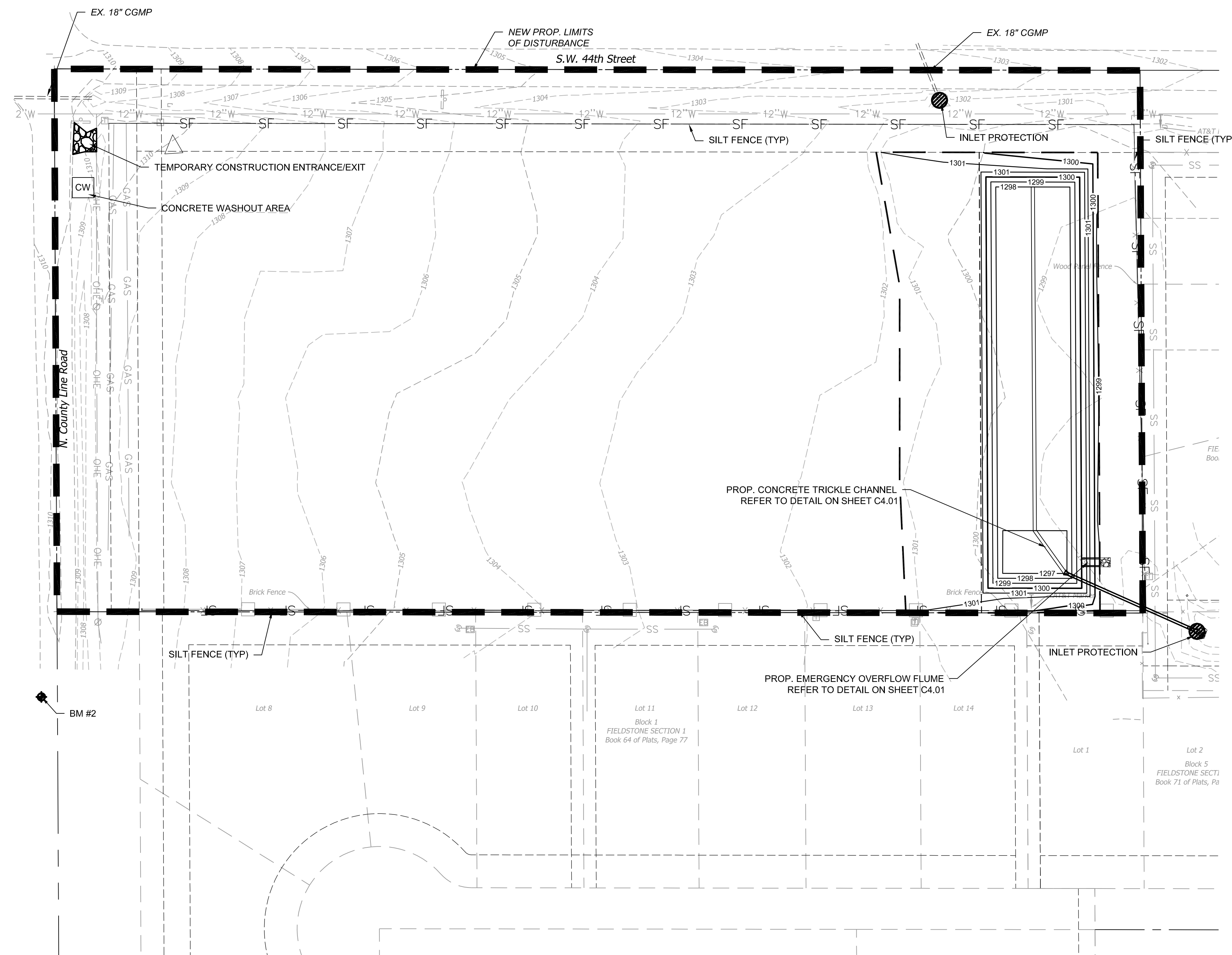
**EROSION CONTROL NOTES**

- A. SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF OKLAHOMA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- D. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- E. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- F. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- G. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- H. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- I. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- J. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- K. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- L. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- N. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- O. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- P. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- Q. ON-SITE & OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- R. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- S. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.
- T. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- U. A 3' STRIP OF SOD SHALL BE PLACED ALONG THE EDGE OF ALL PAVING TO ACT AS A SEDIMENT BUFFER AND AID IN THE ESTABLISHMENT OF VEGETATION.



PROJECT:  
**44TH & COUNTY LINE RD**  
 OKLAHOMA CITY, OKLAHOMA

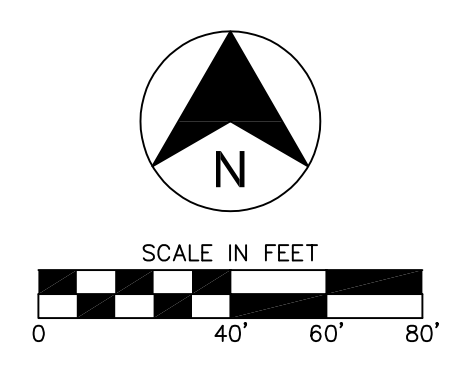
PROJECT NUMBER: 21130  
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**LEGEND**

—	BOUNDARY LINE	—	RIGHT OF WAY LINE
- - -	EASEMENT LINE	—	EXISTING CONCRETE CURB AND GUTTER
—	PROPOSED CONCRETE CURB AND GUTTER	—	PROPOSED FIRE LANE STRIPING
—	OHE OVERHEAD ELECTRIC	—	UGE UNDERGROUND ELECTRIC
—	GAS LINE	—	UGT UNDERGROUND TELEPHONE
—	UFO UNDERGROUND FIBER OPTIC	—	SS SANITARY SEWER
—	WATERLINE	—	8"W BENCHMARK
—	FIRE HYDRANT	—	EX. POWER POLE
—	WATER VALVE	—	PROP. POWER POLE
—	EX. WATER METER PIT	—	EX. TELEPHONE PED.
—	EX. WATER METER	—	EX. TELEPHONE MANHOLE
—	PROP. WATER METER	—	EX. TRAFFIC SIGNAL LIGHT
—	EX. SPRINKLER VALVE	—	EX. TRAFFIC CONTROL BOX
—	EX. AUTO SPRINKLER	—	EX. FLAG POLE
—	EX. ELECT. PEDESTAL	—	EX. YARD LIGHT
—	EX. ELECT. TRANSFORMER	—	EX. GREASE TRAP
—	EX. ELECT. METER	—	EX. SS MANHOLE
—	PROP. ELECT. METER	—	PROP. SS MANHOLE
—	EX. AIR CONDITIONER	—	EX. GAS METER
—	EX. SIGNAGE	—	PROP. GAS METER
—	EX. LIGHT POLE	—	EX. ELECT. MANHOLE
—	PROP. LIGHT POLE	—	EX. STORM MANHOLE
—	EX. BOLLARD	—	
—	PROP. INLETS (SEE GRADING PLAN FOR TYPE)		
—	LIMITS OF DISTURBANCE		
—	SILT FENCE		
—	TEMPORARY DIVERSION DIKE		
—	SODDING		
—	INLET PROTECTION		
—	CONCRETE WASHOUT AREA		

- SEQUENCE OF CONSTRUCTION**
- PHASE 1**
- A PRE-CONSTRUCTION MEETING SHALL BE HELD BY THE GENERAL CONTRACTOR'S MANAGER, AND THE OPERATOR'S ENGINEER PRIOR TO LAND DISTURBING ACTIVITIES.
  - PREPARE AND PULL ALL NECESSARY PERMITS.
  - CONSTRUCT TEMPORARY CONSTRUCTION EXITS AT LOCATIONS SHOWN ON THE SWPPP PLANS AND PREPARE TEMPORARY PARKING AND STORAGE AREA, UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WELL WASH, CONCRETE WASHOUT, MASONS AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC. DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGE IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
  - CONSTRUCT THE SILT FENCES ON THE SITE. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORMWATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
  - INSTALL PUBLIC WATER, SEWER AND BOX CULVERT
  - DEMO, CLEAR AND GRUB THE SITE.
  - BEGIN GRADING THE SITE.
  - START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
  - DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
- PHASE 2**
- INSTALL UTILITIES, UNDER DRAINS, STORM SEWERS, CURB AND GUTTERS.
  - INSTALL INLET PROTECTION DEVICES.
  - INSTALL RIP RAP AROUND OUTLET STRUCTURES.
  - FINALIZE PAVEMENT SUBGRADE PREPARATION.
  - INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
  - PAVE LOT.
  - REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS. (THESE AREAS TO BE PAVED LAST)
  - DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
  - FINE GRADE AND INSTALL PERMANENT SEEDING AND PLANTINGS.
  - REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS DEvised. (ONLY IF SITE IS STABILIZED)
  - REMOVE INLET PROTECTIONS AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.



**SITE DATA**

TOTAL AREA OF CONSTRUCTION SITE : 5.00 (ACRES)  
 TOTAL AREA TO BE DISTURBED: 0.79 (ACRES)  
 CURRENT (EXISTING) IMPERVIOUS AREA: 0 (ACRES)  
 POST-CONSTRUCTION IMPERVIOUS AREA: 0 (ACRES)  
 POST CONSTRUCTION RUNOFF COEFFICIENT: 0.9  
 (POST-CONSTRUCTION IMPERVIOUS AREA/ THE LOT SIZE)

SEAL:

SUBMITTAL:  
**PERMIT SET**

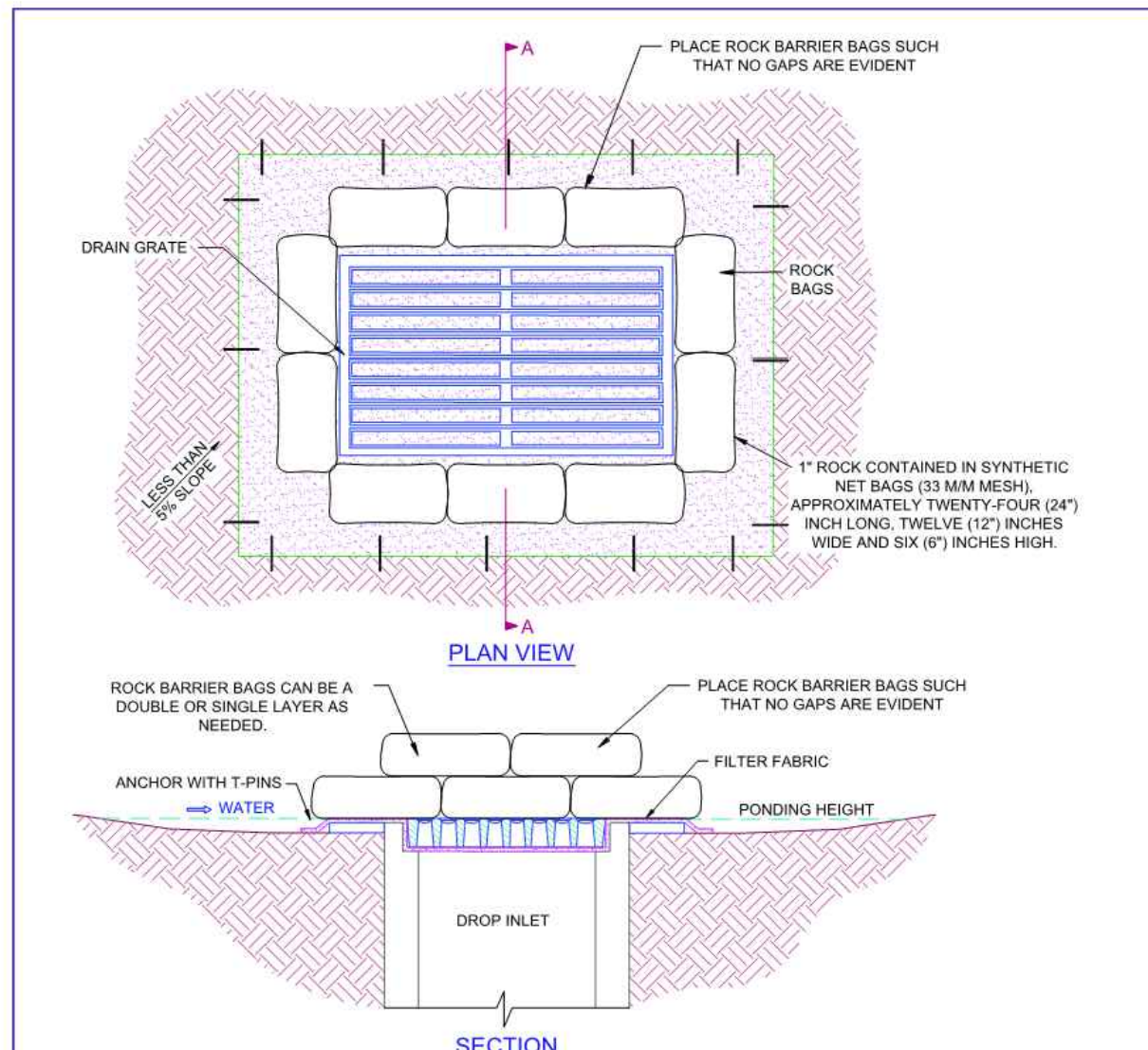
REVISIONS:

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DRAWING TITLE:  
**EROSION CONTROL PLAN**

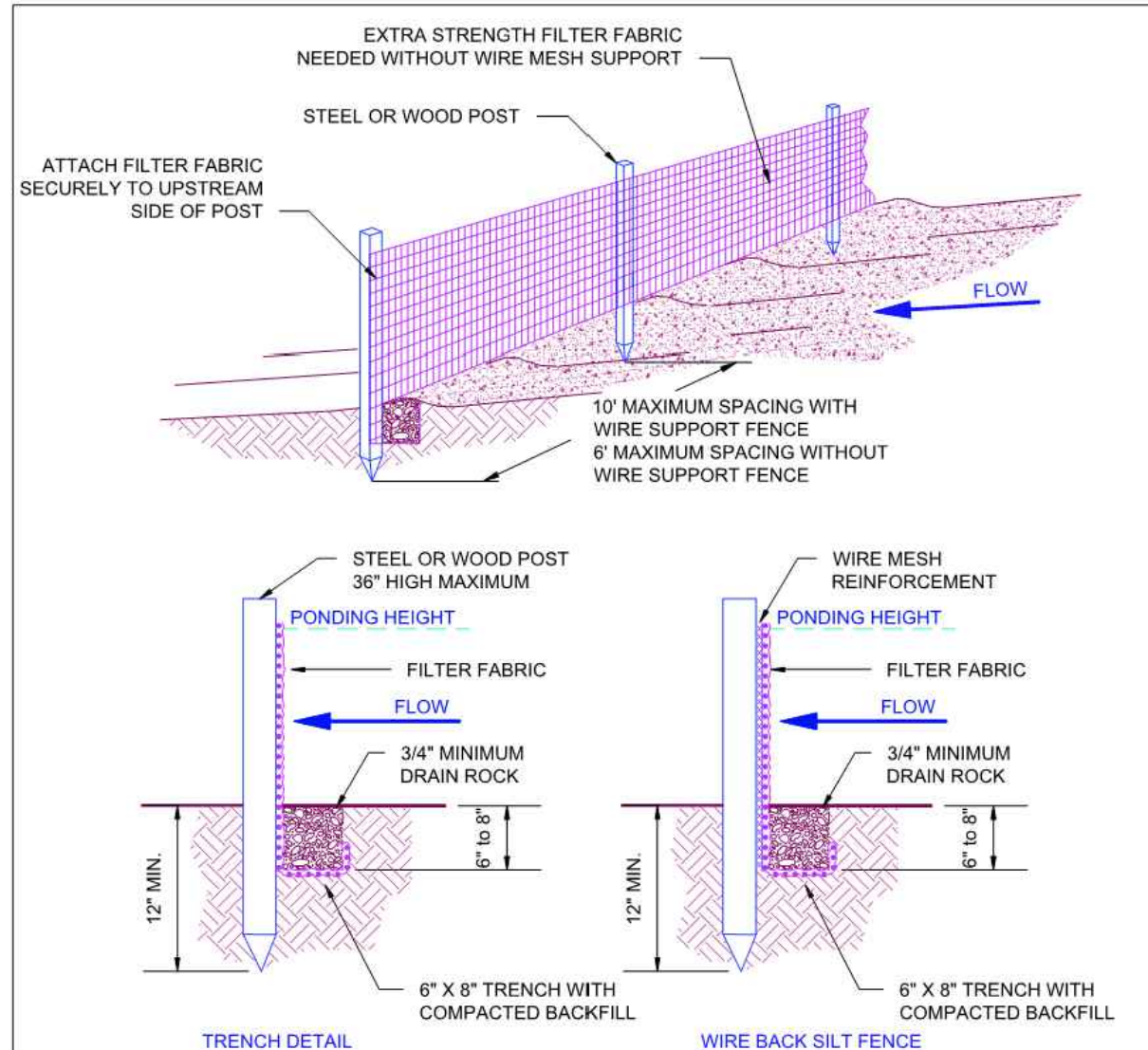
SHEET:  
**C5.00**



**ROCK BAG / FILTER MAT DROP INLET SEDIMENT BARRIER**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.10

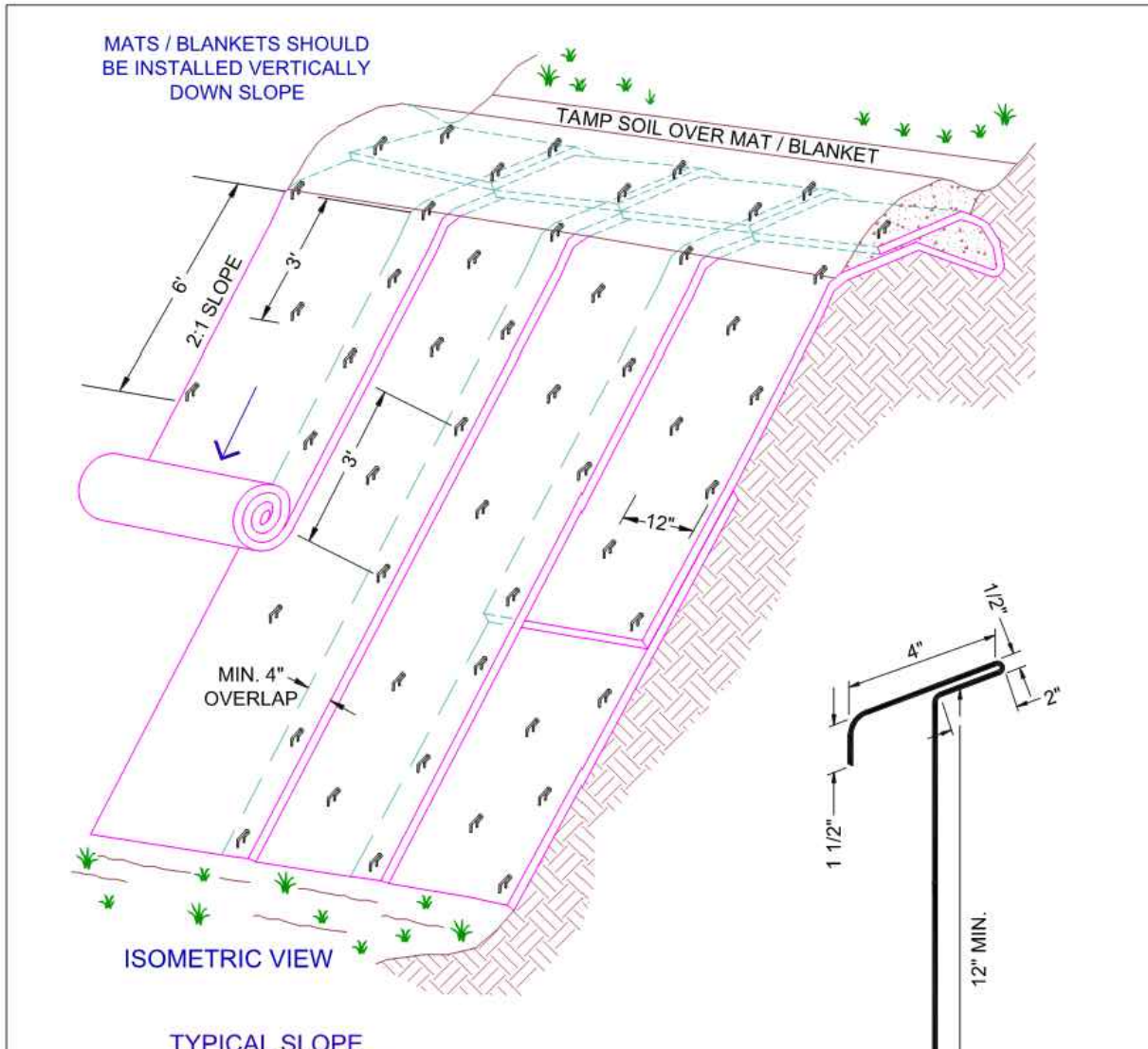
NOTE:  
 1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 1%)  
 2. USE T-PINS TO ANCHOR FILTER MAT INTO THE SOIL.  
 3. A "REASONABLE" DESIGN SIZE PARTICLE TO CAPTURE MUST BE SELECTED.  
 4. SIZE DISTRIBUTION OF UPSTREAM SOIL PARTICLES MUST BE EVALUATED.  
 5. INFLOW AND OUTFLOW FROM THE SYSTEM FOR A SPECIFIC FREQUENCY STORM MUST BE KNOWN.  
 6. POND VOLUME IS DIRECTLY PROPORTIONAL TO THE DISCHARGE RATE OF WATER FROM THE SYSTEM.  
 7. POND VOLUME IS INVERSELY PROPORTIONAL TO THE MASS OF THE DESIGN SIZE SUSPENDED PARTICLES.  
 8. A SYSTEM MUST PROVIDE SUFFICIENT FLOW TO ALLOW FOR DEPOSITION OF DESIGN SIZE PARTICLES.  
 9. THE PONDING HEIGHT MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.



**SILT FENCE**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.1

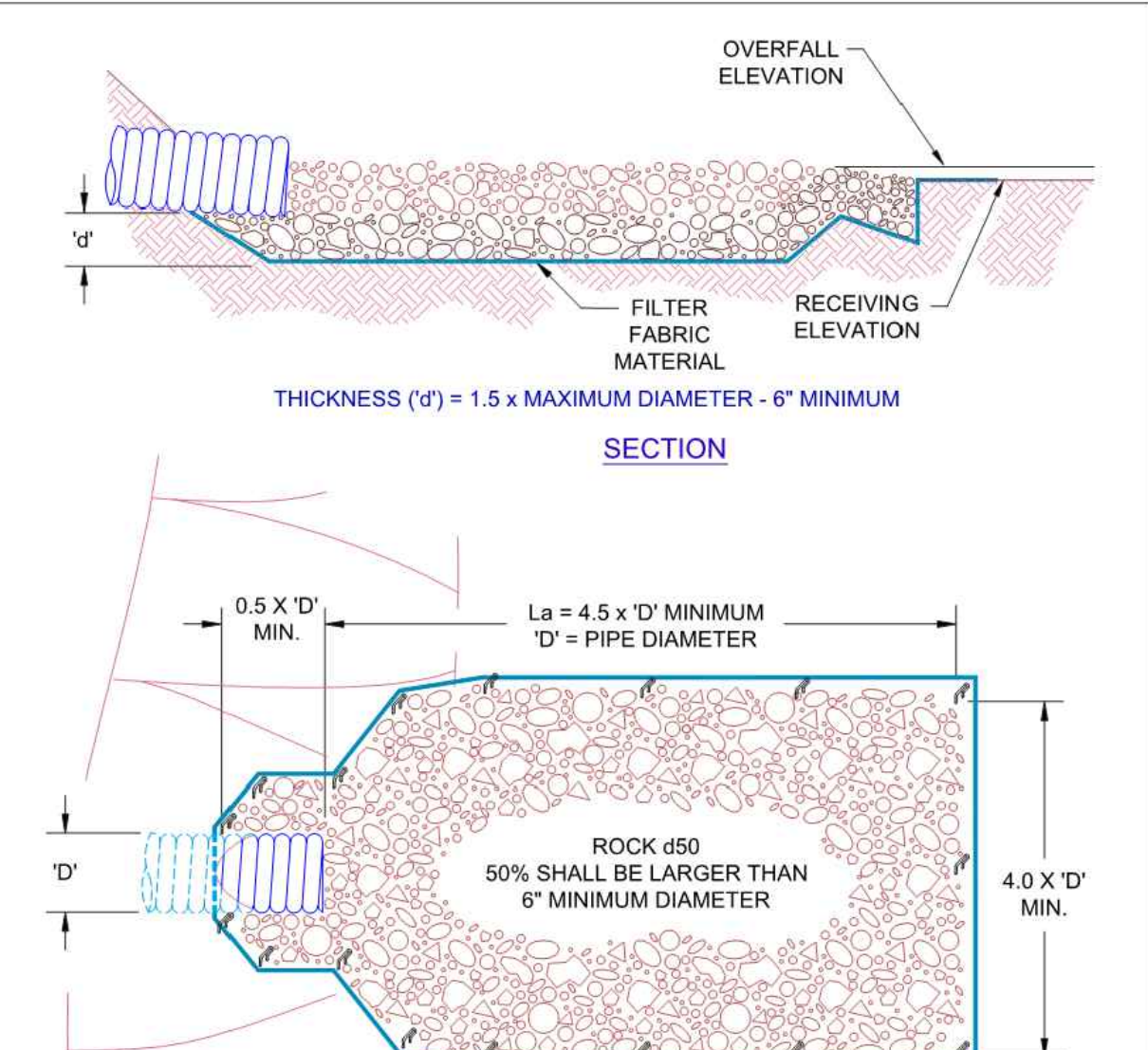
NOTE:  
 1. MUST BE INSTALLED PROPERLY TO AVOID NOTICE OF VIOLATION.  
 2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY.  
 3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. ACCUMULATED SEDIMENT SHOULD BE REMOVED FROM THE FENCE BASE WHEN THE SEDIMENT REACHES ONE-THIRD TO ONE-HALF THE FENCE HEIGHT.  
 4. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.



**EROSION BLANKET & TURF REINFORCEMENT MATS - SLOPE INSTALLATION**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.16

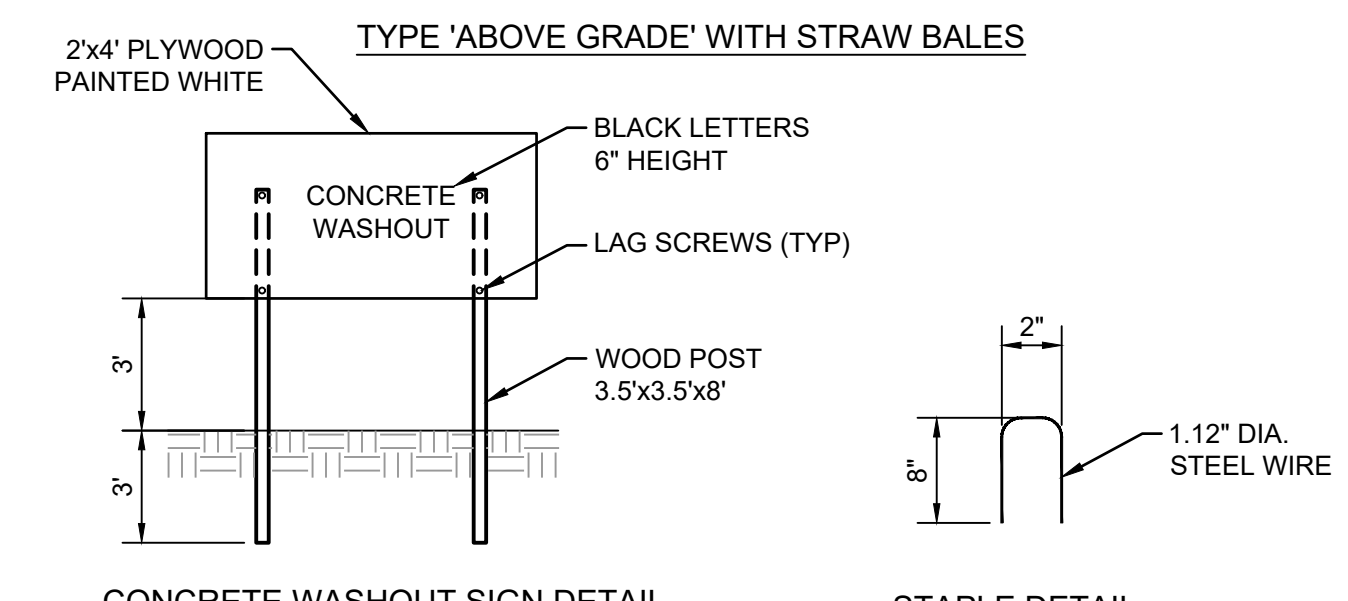
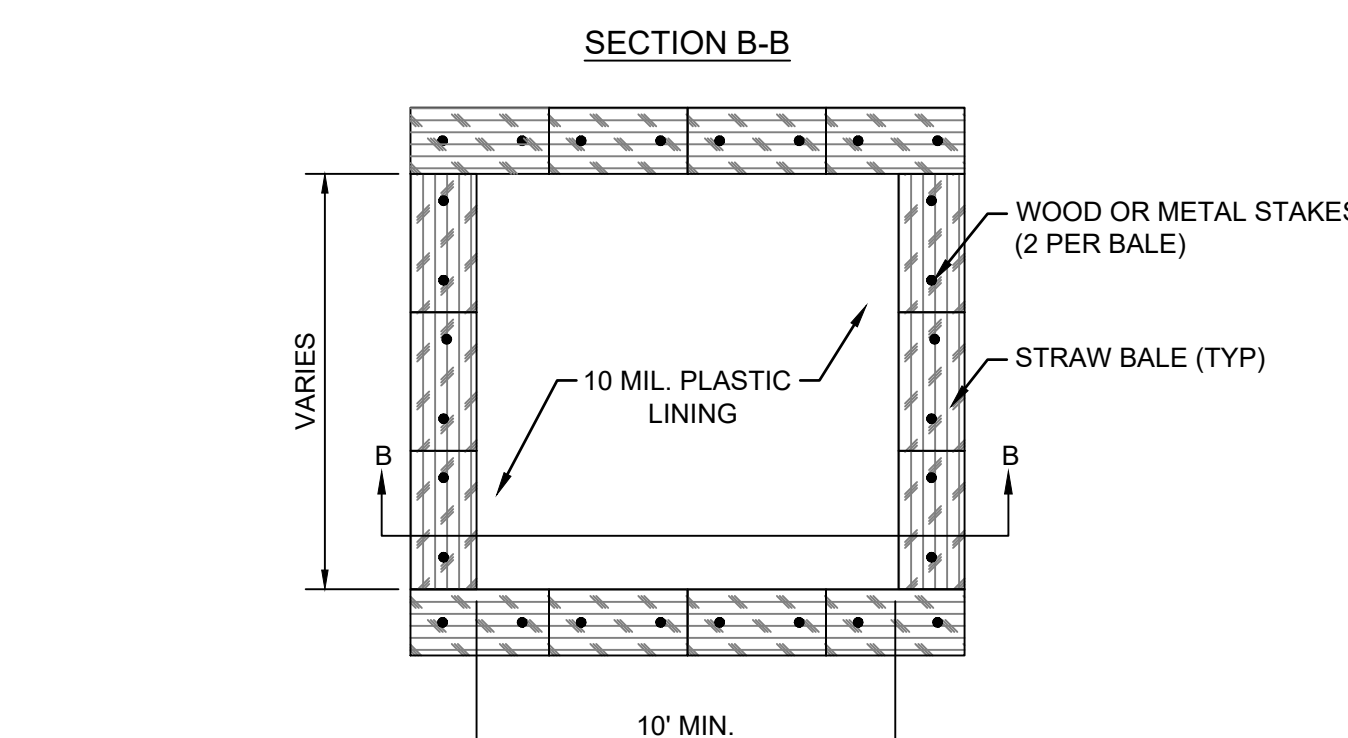
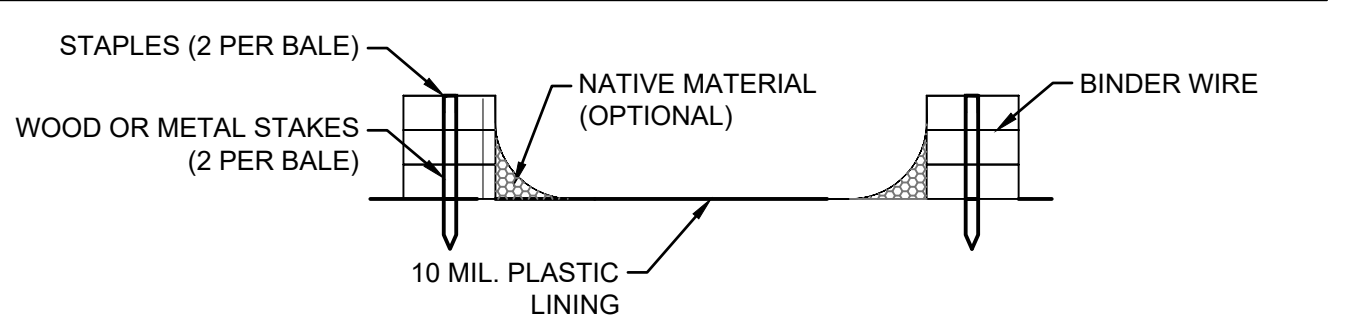
NOTE:  
 1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT.  
 2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.  
 3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.



**ENERGY DISSIPATER**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.18

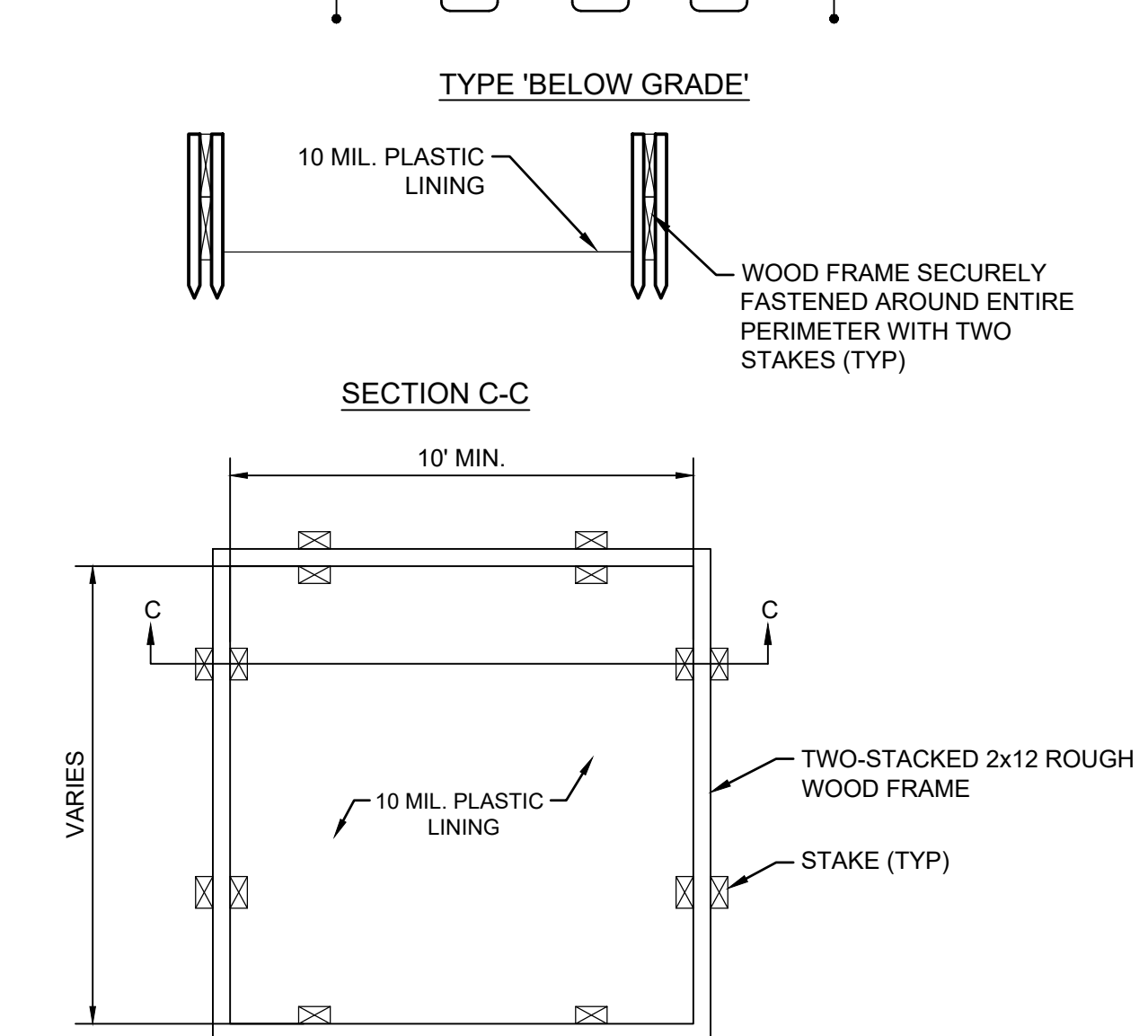
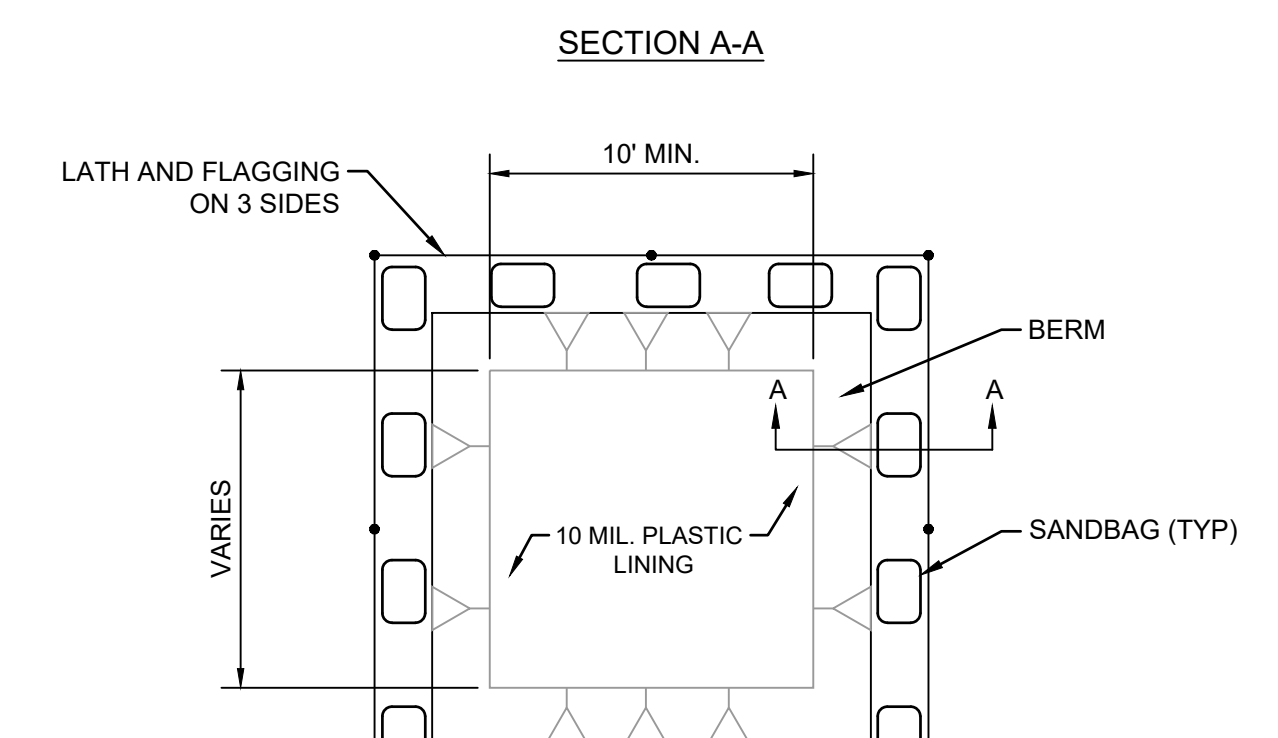
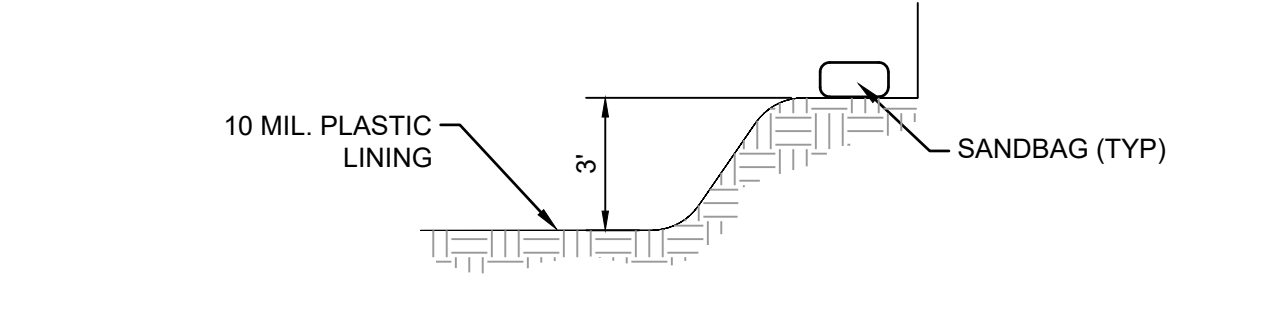
NOTE:  
 1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.  
 2. APRON SHALL BE AT A ZERO GRADE AND ALIGNED STRAIGHT.  
 3. FILTER MATERIAL SHALL BE FILTER FABRIC.



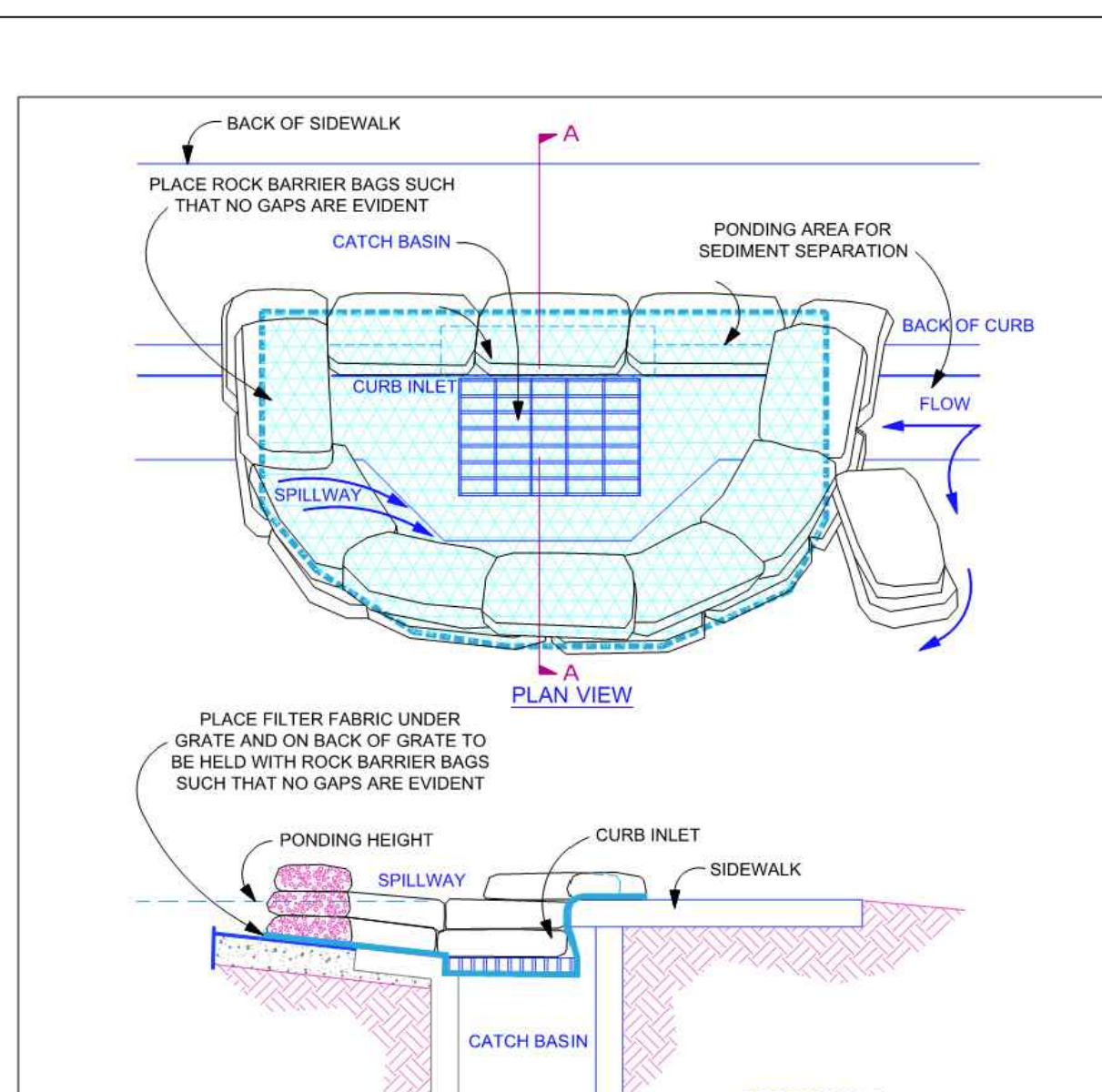
**CONCRETE WASHOUT SIGN DETAIL**

**STAPLE DETAIL**

NOTE:  
 1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.  
 2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.  
 3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.  
 4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED AND STABILIZED TO PREVENT EROSION.



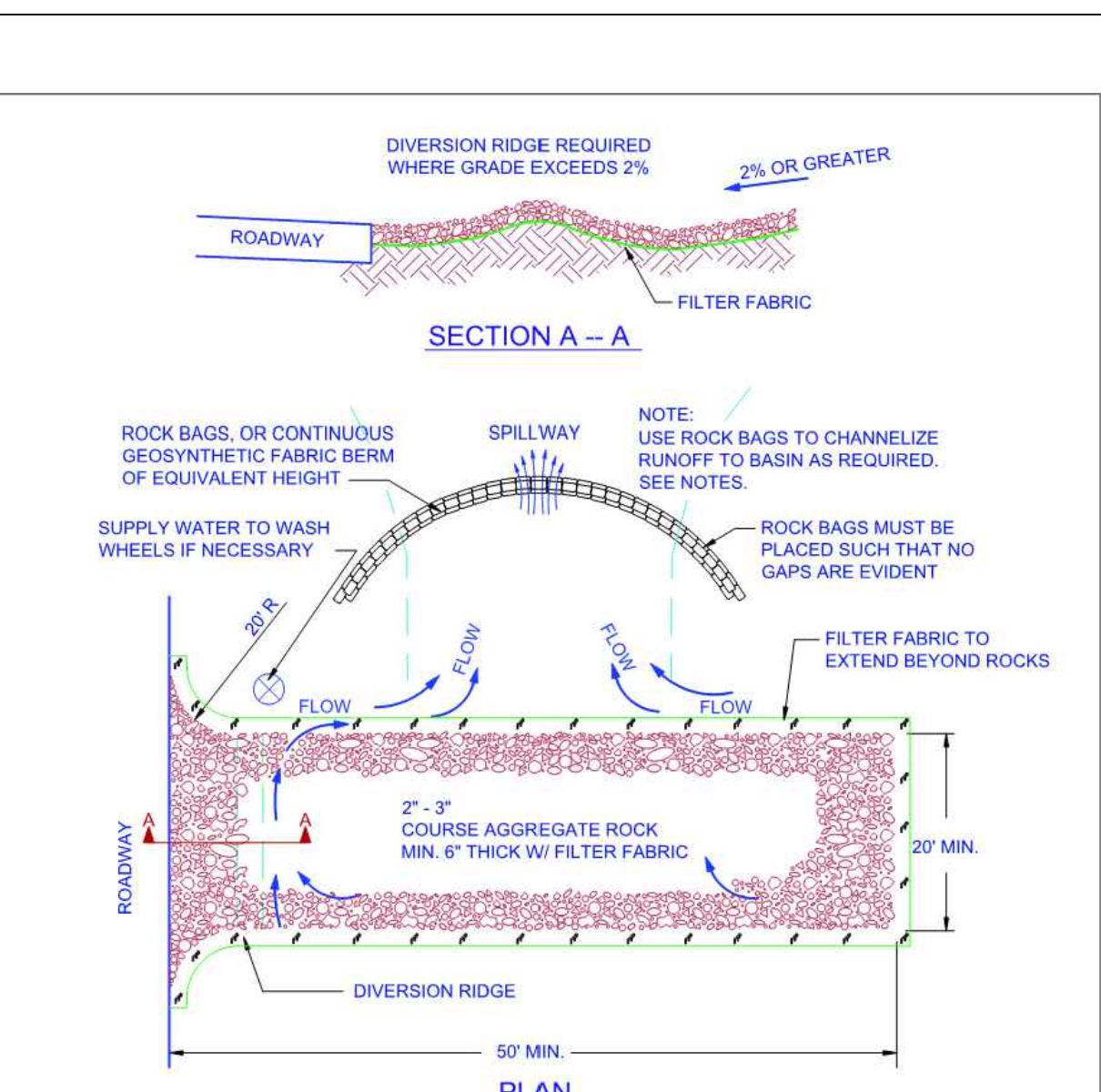
**TYPE 'ABOVE GRADE' WITH WOOD PLANKS**



**ROCK BAG CURB INLET BARRIER**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.9

NOTE:  
 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 ROCKBAG 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.

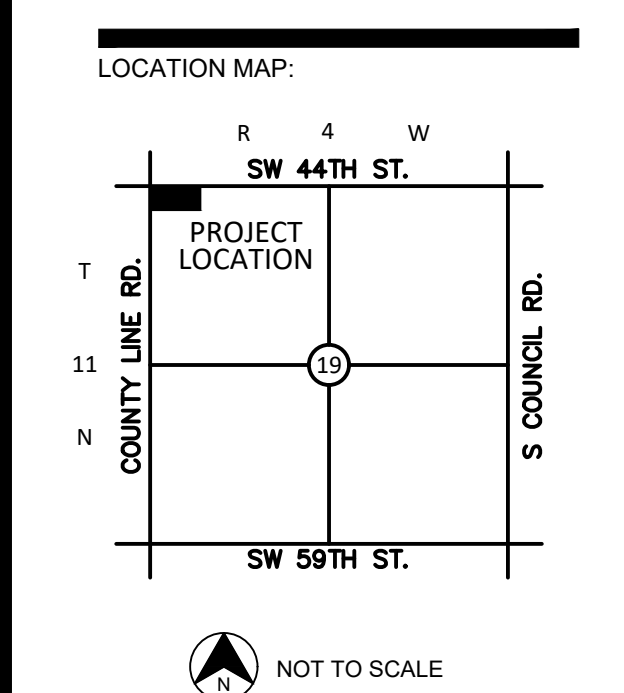


**TEMPORARY ROCK CONSTRUCTION ENTRANCE / EXIT**  
 CITY OF OKLAHOMA CITY  
 PUBLIC WORKS DEPARTMENT

**STORM WATER QUALITY MANAGEMENT DIVISION**  
 FORM 7.4

NOTE:  
 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. SEE NOTES ERO-03.

NOTE: ALL EROSION CONTROL BMPs, SHOWN OR NOT SHOWN, SHALL COMPLY WITH OKLAHOMA CITY STANDARDS.



**PROJECT:**  
 44TH &  
 COUNTY LINE  
 RD

**OKLAHOMA CITY, OKLAHOMA**  
 PROJECT NUMBER: 21130  
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**EROSION CONTROL DETAILS**  
 SHEET:  
**C5.01**