

WADE ENGINEERING
3810 N TULSA AVE
OKLAHOMA CITY, OK 73111

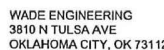
S HARRAH RD

Issued Date:	05/04/2012
Project No:	250159
Drawn By:	Y2
Checked By:	IN
Designed By:	DT

Issue Record		
#	Description	Date
1	Issue 1	05/04/2012
2	Issue 2	05/04/2012
3	Issue 3	05/04/2012
4	Issue 4	05/04/2012
5	Issue 5	05/04/2012
6	Issue 6	05/04/2012
7	Issue 7	05/04/2012
8	Issue 8	05/04/2012
9	Issue 9	05/04/2012
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88	Issue 88	05/04/2012
89	Issue 89	05/04/2012
90	Issue 90	05/04/2012
91	Issue 91	05/04/2012
92	Issue 92	05/04/2012
93	Issue 93	05/04/2012
94	Issue 94	05/04/2012
95	Issue 95	05/04/2012
96	Issue 96	

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SEPTEMBER 2026



1. SITE TOPOGRAPHIC INFORMATION WAS TAKEN FROM A SURVEY PREPARED BY SMITH ROBERTS BALDISCHWILER, LLC, DATED NOVEMBER 24, 2025.
2. THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF PIPELINES, SUBSURFACE STRUCTURES AND UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK, 48 HOURS BEFORE YOU DIG, DRILL, OR BLAST, CALL OKIE 811.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ENGINEER.
4. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.
5. THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ENGINEER. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COSTS OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
7. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS.
8. FIELD VERIFICATION AND ADJUSTMENTS ARE PERMISSIBLE WITH THE ENGINEER'S WRITTEN APPROVAL.
9. THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT, AS INTENDED AND INTERPRETED BY THE ENGINEER.
10. MISCELLANEOUS WORK NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS SUCH AS PATCHING, BLOCKING, TRIMMING, ETC., SHALL BE PERFORMED AS REQUIRED TO MAKE THE WORK COMPLETE.
11. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A OKLAHOMA LICENSED LAND SURVEYOR.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND COORDINATE WORK WITH ALL OTHER CONTRACTS FOR THE SITE.
13. THE CONTRACTOR SHALL:
 - A. VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - B. EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.
 - C. PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
 - D. HOLD THE OWNER HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK DONE BY THE CONTRACTOR ON THE SITE.
15. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF OSHA REGULATIONS FOR CONSTRUCTION. SHEET PILING SHALL BE DESIGNED AND SEALED BY A LICENSED OKLAHOMA PROFESSIONAL ENGINEER.

1. THE SOIL SHALL BE TREATED AS FOLLOWS:
 - A. REMOVE ALL VEGETATION, ORGANIC MATERIAL OR OTHER DELETERIOUS MATERIALS.
 - B. PERFORM ANY CUT OPERATIONS AS NEEDED AND PROOF ROLL THE AREAS WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK. ANY AREAS WHICH RUT EXCESSIVELY OR PUMP SHALL BE UNDERCUT AND REPLACED WITH COMPACTED FILL.
 - C. PERFORM ALL FILL OPERATIONS. ALL FILL SHALL BE INSTALLED IN MAXIMUM 8 INCH LIFTS AND COMPACTED TO AT LEAST 93% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 698 (STANDARD PROCTOR), AND TO AT LEAST +3 PERCENTAGE POINTS OF ITS OPTIMUM MOISTURE CONTENT.
 - D. DO NOT USE ANY SAND AS FILL.
 - E. ANY IMPORTED FILL SHALL BE SIMILAR TO THE ON SITE SOILS AND APPROVED BY THE ENGINEER.
2. SITE SHALL BE GRADED TO ASSURE DRAINAGE OF SURFACE WATER.
3. GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE

4. ALL SITE EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED EXCAVATION.
5. THE EXISTING GRADES AND CONTOURS SHOWN IN THESE PLANS REPRESENT THE ELEVATIONS AS INDICATED ON THE TOPOGRAPHIC SURVEY BY SMITH ROBERTS BALDISCHWILER, LLC, DATED NOVEMBER 24, 2025. DUE TO MANY FACTORS INCLUDING POSSIBLE DISTURBANCE OF THE SOIL OR BENCH MARKS BY OTHER PARTS AND THE EXPANSIVE/SHRINKAGE NATURE OF THE SOIL, THE ELEVATIONS MAY BE SIGNIFICANTLY DIFFERENT IN THE FUTURE (INCLUDING THE BENCH MARKS). NORMAL EQUIPMENT AND MEASUREMENT ACCURACIES SHOULD BE TAKEN INTO ACCOUNT WHEN USING THESE ELEVATIONS.
6. ALL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
7. ESTIMATED EARTHWORK QUANTITY IS APPROXIMATELY 80,800 CY. CONTRACTOR SHALL VERIFY QUANTITIES BASED ON THE CONTRACT PLANS.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PRIVATE OR PUBLIC, PRIOR TO EXCAVATING. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON THE INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPEARANCES OBSERVED IN THE FIELD. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, FOR LOCATING ALL UNDERGROUND FACILITIES, FOR COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL OF WHICH WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
2. EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS, OR IN CHANNELS, DRAINAGEWAYS OR BORROW DITCHES AT RISK OF CONTRACTOR. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURES, INCLUDING FLOODING DAMAGE, WHICH MAY OCCUR DUE TO OVERTOPPING, DRAINAGE, AT THE CONCLUSION OF ANY PROJECT. ALL CHANNELS, DRAINAGEWAYS AND BORROW DITCHES IN THE WORK ZONE SHALL BE DREGGED OF ANY SEDIMENT GENERATED BY THE PROJECT OR DEPOSITED AS A RESULT OF EROSION CONTROL MEASURES.
3. LAND DISTURBING ACTIVITIES SHALL COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM THE APPLICABLE AUTHORITIES (INCLUDING STORM WATER POLLUTION PREVENTION PLAN.) THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE APPROVED SWPPP DRAWINGS DURING CONSTRUCTION OPERATIONS.
4. PRIOR TO COMMENCING ANY CONSTRUCTION, A CONSTRUCTION ENTRANCE AND PERIMETER SILT FENCE SHALL BE INSTALLED AT THE LOCATIONS SHOWN, OR AS DESCRIBED IN THE SWPPP.
5. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. THE EROSION CONTROL SYSTEM DESCRIBED WITHIN THE CONSTRUCTION DOCUMENTS SHOULD BE CONSIDERED TO REPRESENT THE MINIMUM STANDARD OF CARE. FOR THIS PROJECT, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DEPENDENT UPON THE STAGE OF CONSTRUCTION, THE SEVERITY OF THE RAINFALL EVENT AND/OR AS DEEMED NECESSARY AS A RESULT OF ON-SITE INSPECTIONS BY THE OWNER, THEIR REPRESENTATIVES OR THE JURISDICTIONAL AUTHORITIES. THESE ADDITIONAL MEASURES SHALL BE INSTALLED PER PERMITS AND/OR AS REQUIRED BY THE JURISDICTIONAL AUTHORITIES. THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ASSURE THAT THE STORM WATER DISCHARGE FROM THE SITE DOES NOT EXCEED THE TOLERANCES ESTABLISHED BY ANY OF THE JURISDICTIONAL AUTHORITIES.
6. AT THE COMPLETION OF THE PAVING AND FINAL GRADING, THE DISTURBED AREA(S) SHALL BE REVEGETATED IN ACCORDANCE WITH THE SWPPP.
7. THE SPECIFIC PLANT MATERIALS PROPOSED TO PROTECT FILL AND EXCAVATED SLOPES SHALL BE AS INDICATED WITHIN THE SWPPP. PLANT MATERIALS MUST BE SUITABLE FOR USE UNDER LOCAL CLIMATE AND SOIL CONDITIONS, IN GENERAL, HYDROSEEDING OR SODDING BERBERIS GRASS IS ACCEPTABLE DURING THE SUMMER MONTHS (MAY 1 TO AUGUST 30). WINTER EYE OR RESCUE GRASS MAY BE PLANTED DURING TIMES OTHER THAN THE SUMMER MONTHS AS A TEMPORARY MEASURE UNTIL SUCHTIME AS THE PERMANENT PLANTING CAN BE MADE.
8. SILT FENCE AND INLET SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL REVEGETATION HAS BEEN COMPLETED.
9. DISTURBED AREAS THAT ARE SEEDDED OR SODDED SHALL BE CHECKED PERIODICALLY TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. DISTURBED AREAS SHALL BE WATERED, FERTILIZED, AND RESEEDED OR RESODDED, IF NECESSARY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
10. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASIN BEFORE IT IS 50% FULL, IF IMPLEMENTED BY THE SWPPP.
11. FREQUENT INSPECTIONS OF THE SILT FENCE SHALL BE MADE. ALL REPAIRS OR REPLACEMENTS SHALL BE MADE IMMEDIATELY.
12. THE CONTRACTOR SHALL INSPECT HIS STABILIZATION AND EROSION CONTROL MEASURES AT MINIMUM OF ONCE EVERY 14

13. CONTRACTOR SHOULD ATTAIN A 75% BERMUDA COVERING BY SEEDING OR SODDING OVER ALL AFFECTED CONSTRUCTION AREAS BEFORE EROSION CONTROL CAN BE REMOVED.
14. CONTRACTOR IS RESPONSIBLE FOR PREPARING, FILING, & MAINTAINING THE SWPPP & THE NOI.
15. THE CONTRACTOR SHALL REFER TO EROSION CONTROL NARRATIVE AND SWPPP COORDINATION/INVESTIGATION DOCUMENTATION PROVIDED BY OTHERS FOR APPROPRIATE EROSION CONTROL MEASURES AND PROCEDURES FOR THIS PROJECT.



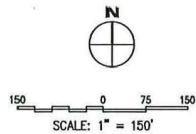
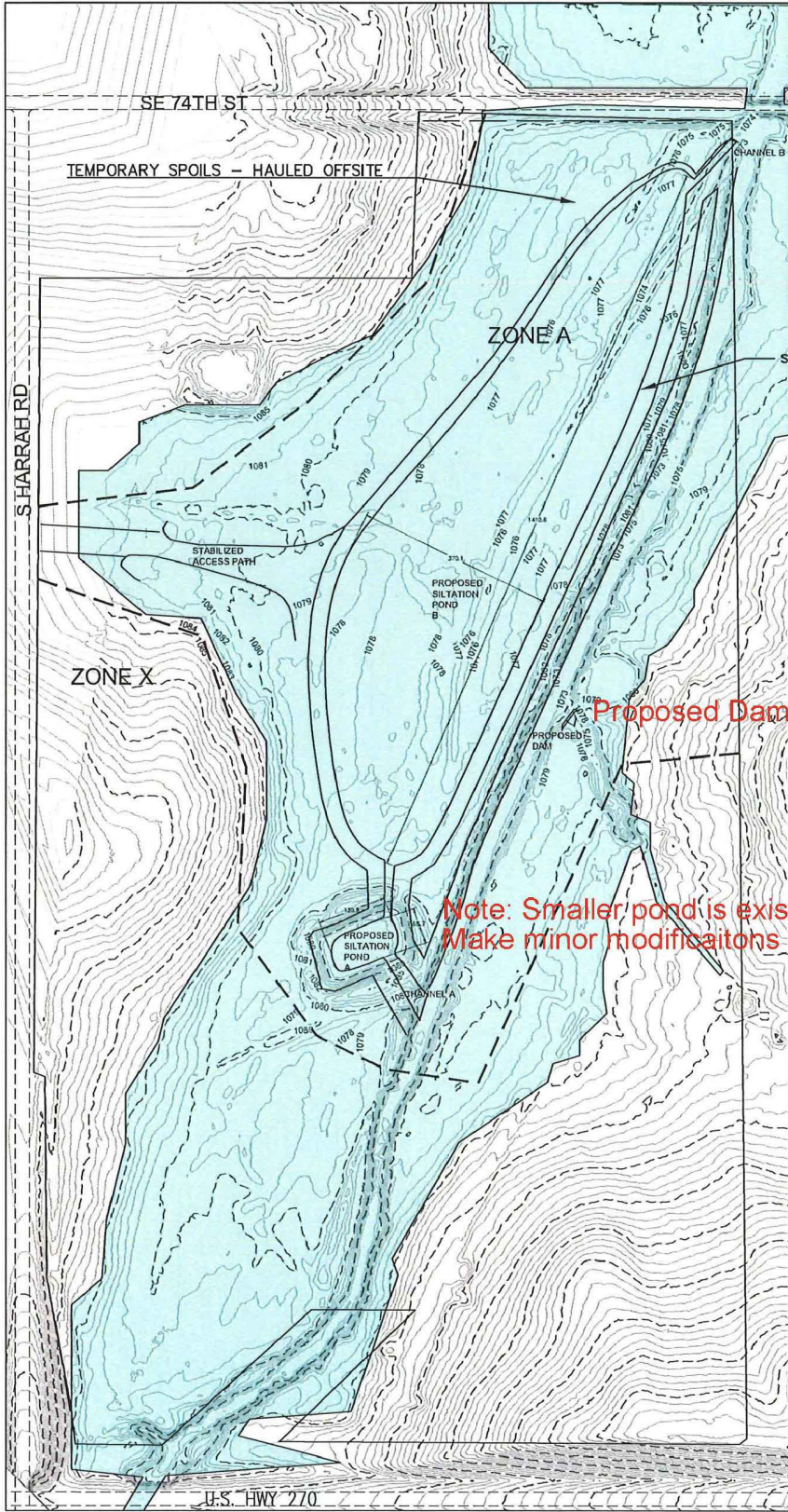
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OKLAHOMA CITY, OK 74857

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PLOTTED BY: YUICHI CHOU DATE: 5/12/2026 12:12 PM DWG NAME: P-20260519-PCDA WES WATKINS RESERVOIR WETLANDS C&L 04 SHEETS 250159 SITE PLAN.DWG
LAST SAVED BY: YUICHI CHOU DATE: 6/22/2026 11:51 PM



LEGEND

- PROPERTY LINE
- SILTATION POND
- APPROXIMATE FEMA FLOODPLAIN ZONE A
- FENCE - BARBED WIRE
- FENCE - CHAIN LINK
- 1080 --- EXISTING MAJOR CONTOUR
- 1083 --- EXISTING MINOR CONTOUR
- CONSTRUCTION LIMITS

SILTATION POND A IS DEFINED BY 138.7' X 76.7'

SILTATION POND B IS DEFINED BY 1408.2' X 378.1'

- NOTE:**
- EXCAVATED MATERIAL HANDING AND DISPOSAL METHODS SHALL BE FINALIZED BASED ON APPROVED DESIGN AND ENGINEER OF RECORD DIRECTION. NO PERMANENT SPOIL PLACEMENT AREAS ARE SHOWN ONSITE UNLESS OTHERWISE NOTED.
 - ACCESS PATH SHOWN FOR MAINTENANCE AND CONSTRUCTION USE ONLY. FINAL ACCESS CONFIGURATION BEYOND PROPERTY LINE BY OTHERS.



FLOODNOTE
ACCORDING TO THE F.I.R.M. NO. 40106C03704, THE SUBJECT PROPERTY LIES IN ZONE 'A' AND ZONE 'X'. ZONE 'A' LIES WITHIN A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE 'X' DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



KJE
www.kje-us.com
Texas Firm F-12214
ENGINEERS & ENVIRONMENTAL
KJE
500 Moseley Rd
Cross Roads, TX 76227
Phone 940-387-0805
Fax 940-387-0830

WADE
WADE ENGINEERING
3810 N TULSA AVE
OKLAHOMA CITY, OK 73112

WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING
DATE: May 4, 2026

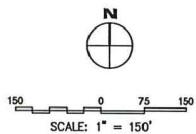
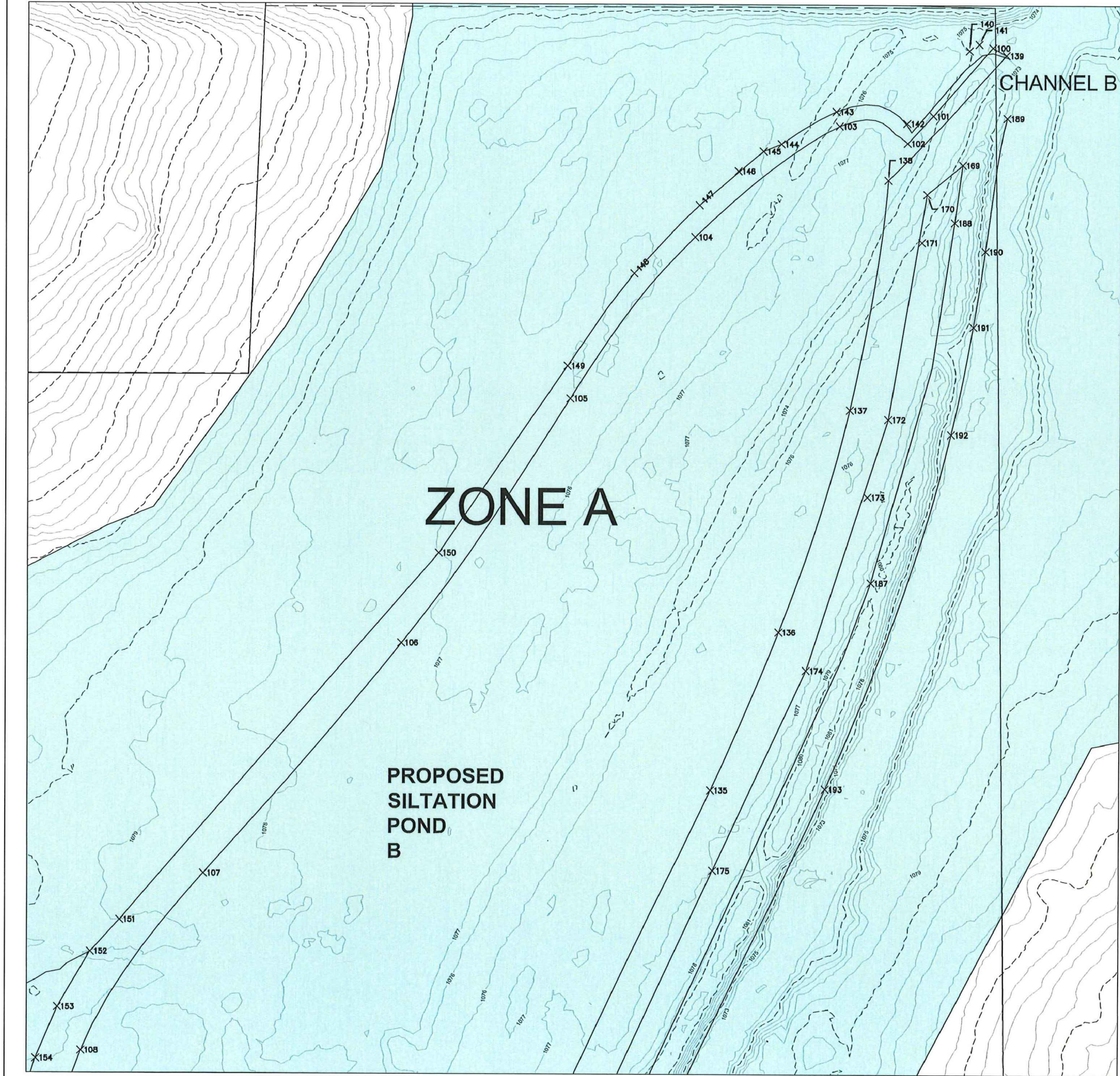
S HARRAH RD
OKLAHOMA CITY, OK 74857

Issued Date: 05/04/2026
Project No: 250159
Drawn By: YZ
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OVERALL
SITE PLAN

C3.0

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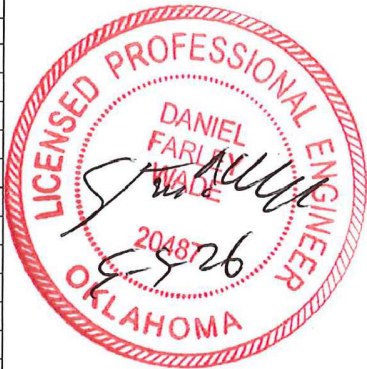


LEGEND

- PROPERTY LINE
- SILTATION POND
- APPROXIMATE FEMA FLOODPLAIN ZONE A
- FENCE - BARBED WIRE
- FENCE - CHAIN LINK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- CONSTRUCTION LIMITS

Point Table

Point #	Elevation	Northing	Easting	Description
100	1072.00	750050.56	2220299.18	bot
101	1073.00	749995.67	2220250.95	bot
102	1072.00	749973.60	2220230.35	bot
103	1073.00	749987.15	2220175.47	bot
104	1072.00	749897.61	2220059.12	bot
105	1072.00	749767.32	2219958.37	bot
106	1073.00	749570.08	2219822.43	bot
107	1072.00	749384.14	2219662.92	bot
108	1072.00	749240.93	2219563.73	bot
135	1072.00	749451.96	2220072.45	bot
136	1072.00	749579.34	2220127.23	bot
137	1072.00	749758.56	2220184.35	bot
138	1072.00	749943.77	2220215.02	bot
139	1072.00	750044.43	2220310.03	bot
140	1075.00	750048.10	2220280.27	top
141	1074.00	750053.38	2220288.24	top
142	1075.00	749989.59	2220229.90	top
143	1075.00	749998.92	2220172.89	top
144	1075.00	749972.61	2220128.51	top
145	1076.00	749966.80	2220114.10	top
146	1076.00	749950.74	2220093.92	top
147	1076.00	749923.15	2220062.65	top
148	1076.00	749868.31	2220010.18	top
149	1076.00	749793.57	2219956.15	top
150	1080.00	749642.55	2219852.50	top
151	1080.00	749346.44	2219594.94	top
152	1080.00	749320.68	2219571.13	top
153	1080.00	749275.79	2219544.54	top
154	1079.00	749234.38	2219527.10	top
169	1080.00	749956.13	2220274.98	top
170	1080.00	749932.39	2220246.20	top
171	1080.00	749893.79	2220242.06	top
172	1080.00	749751.16	2220215.49	top
173	1080.00	749688.44	2220198.82	top
174	1080.00	749548.42	2220149.38	top
175	1080.00	749387.11	2220074.41	top
187	1080.00	749619.23	2220201.72	top
188	1080.00	749909.67	2220268.52	top
189	1073.00	749993.96	2220310.79	bot
190	1073.00	749886.81	2220293.63	bot
191	1073.00	749825.67	2220283.94	bot
192	1073.00	749739.12	2220266.07	bot
193	1073.00	749453.04	2220165.28	bot



FLOODNOTE
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Phone 940-387-0805
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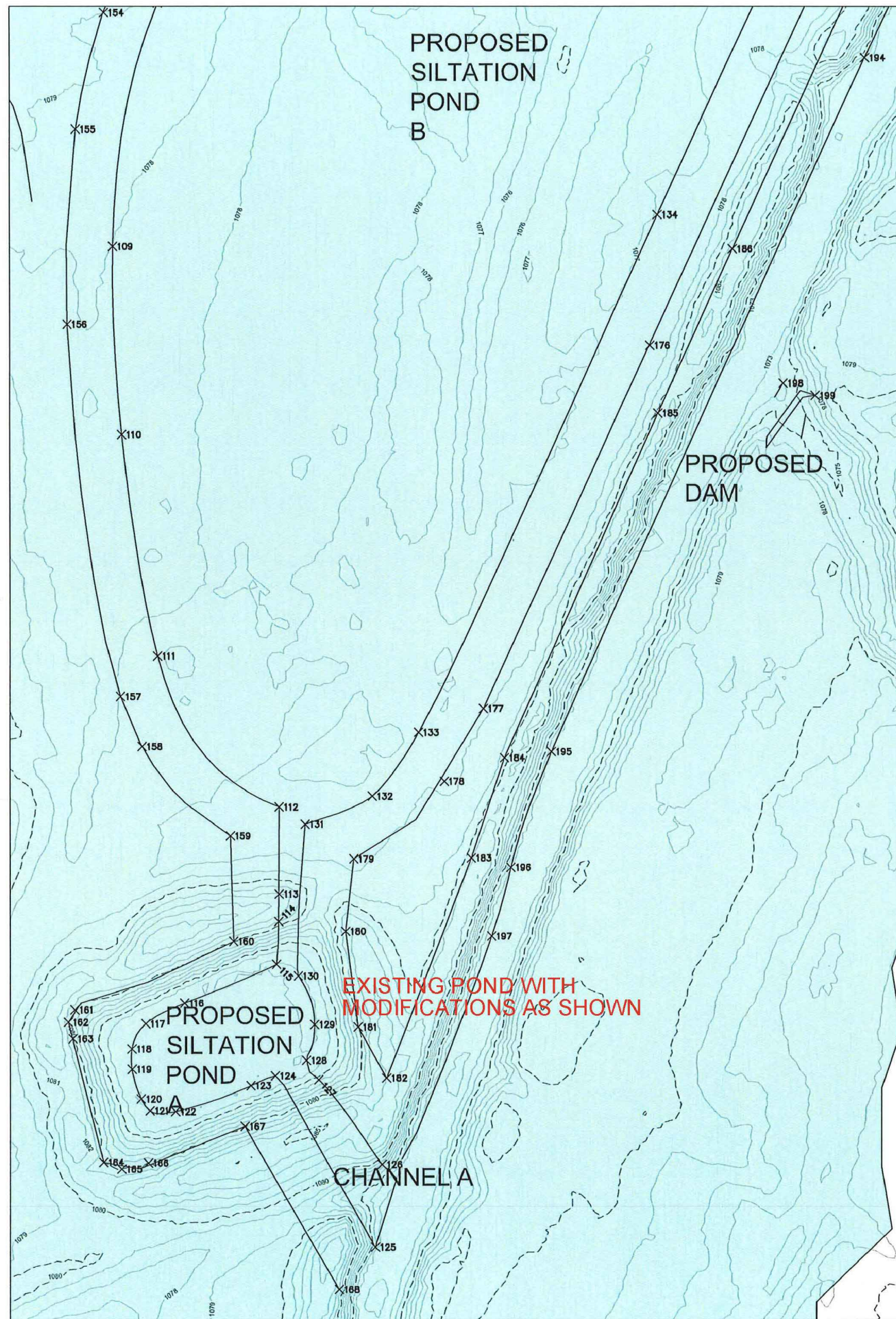
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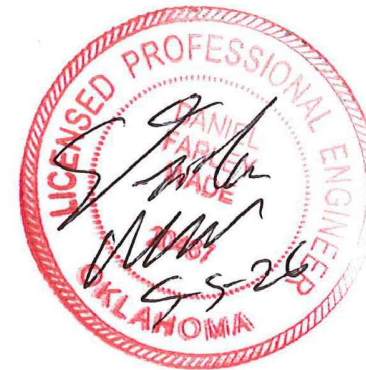
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Project No: 250159
Drawn By: YZ
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Issue Record
Description Date

SITE PLAN

C3.1



Point Table				
Point #	Elevation	NorthIng	Easting	Description
109	1072.00	749075.29	2219533.04	bot
110	1072.00	748947.19	2219539.02	bot
111	1072.00	748796.35	2219563.20	bot
112	1072.00	748693.54	2219646.10	bot
113	1082.00	748634.23	2219646.14	bot
114	1081.00	748615.56	2219645.85	bot
115	1072.00	748586.41	2219644.33	bot
116	1072.00	748559.89	2219581.54	bot
117	1072.00	748545.97	2219552.97	bot
118	1072.00	748528.73	2219545.63	bot
119	1072.00	748514.93	2219545.70	bot
120	1072.00	748494.59	2219551.89	bot
121	1072.00	748486.44	2219557.88	bot
122	1072.00	748485.94	2219575.34	bot
123	1072.00	748503.68	2219626.60	bot
124	1072.00	748510.39	2219643.46	bot
125	1072.00	748393.47	2219711.77	bot
126	1072.00	748449.90	2219716.36	bot
127	1072.00	748507.72	2219673.20	bot
128	1072.00	748520.79	2219664.81	bot
129	1072.00	748545.35	2219670.39	bot
130	1072.00	748578.47	2219659.21	bot
131	1072.00	748681.77	2219663.93	bot
132	1072.00	748700.86	2219709.89	bot
133	1072.00	748744.33	2219741.20	bot
134	1072.00	749096.84	2219904.87	bot
155	1080.00	749154.92	2219507.51	top
156	1080.00	749022.36	2219501.55	top
157	1080.00	748768.82	2219538.09	top
158	1080.00	748734.81	2219552.56	top
159	1080.00	748673.80	2219612.63	top
160	1080.00	748602.08	2219614.88	top
161	1080.00	748555.46	2219506.46	top
162	1080.00	748547.11	2219502.01	top
163	1080.00	748535.72	2219505.23	top
164	1080.00	748451.29	2219526.26	top
165	1080.00	748446.71	2219538.70	top
166	1080.00	748450.83	2219556.71	top
167	1080.00	748475.86	2219622.50	top
168	1080.00	748364.54	2219687.16	top
176	1080.00	749007.95	2219899.72	top
177	1080.00	748760.64	2219785.77	top
178	1080.00	748710.96	2219758.68	top
179	1080.00	748658.12	2219697.16	top
180	1080.00	748608.90	2219691.63	top
181	1080.00	748543.65	2219700.11	top
182	1080.00	748508.92	2219719.49	top
183	1080.00	748658.76	2219777.34	top
184	1080.00	748727.09	2219800.22	top
185	1080.00	748961.77	2219905.17	top
186	1080.00	749073.62	2219955.83	top
194	1073.00	749203.70	2220046.35	bot
195	1073.00	748731.31	2219832.18	bot
196	1073.00	748652.36	2219804.60	bot
197	1073.00	748605.65	2219791.36	bot
198	1074.00	748982.21	2219990.43	bot
199	1077.00	748973.86	2220012.41	bot



FLOODNOTE

ACCORDING TO THE F.I.R.M NO. 40109C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.





USGS NATIONAL MAP DEM FINAL GRADING SUBJECT TO FIELD

DANIEL
FAVIER
WADE
20487

LICENSED PROFESSIONAL ENGINEER
OKLAHOMA

ACCORDING TO THE FJR.MNO. 40109C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



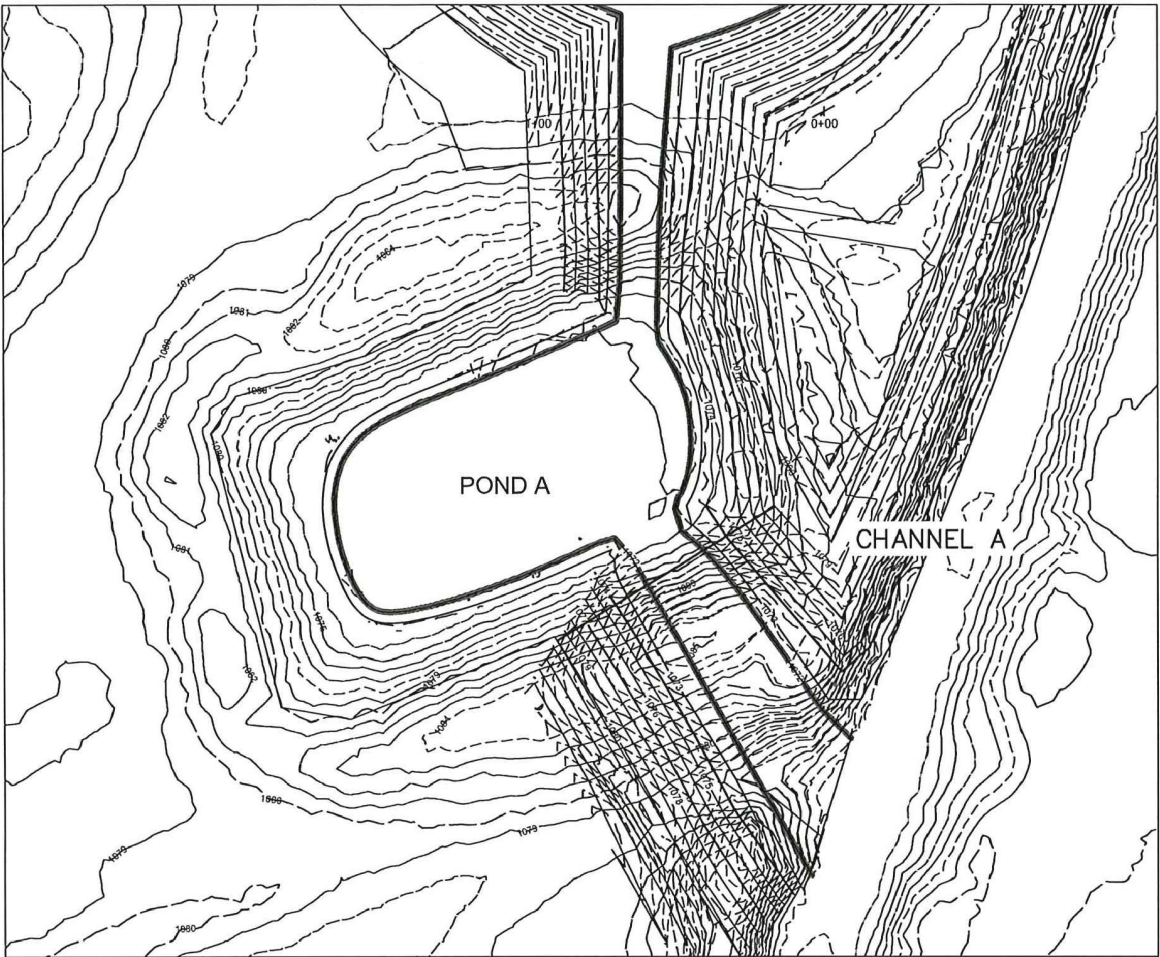
Issued Date:	05/04/2026	
Project No:	250159	
Drawn By:	YZ	
Checked By:	IN	
Designed By:	DW	
Issue Record		
#	Description	Date

GRADING PLAN

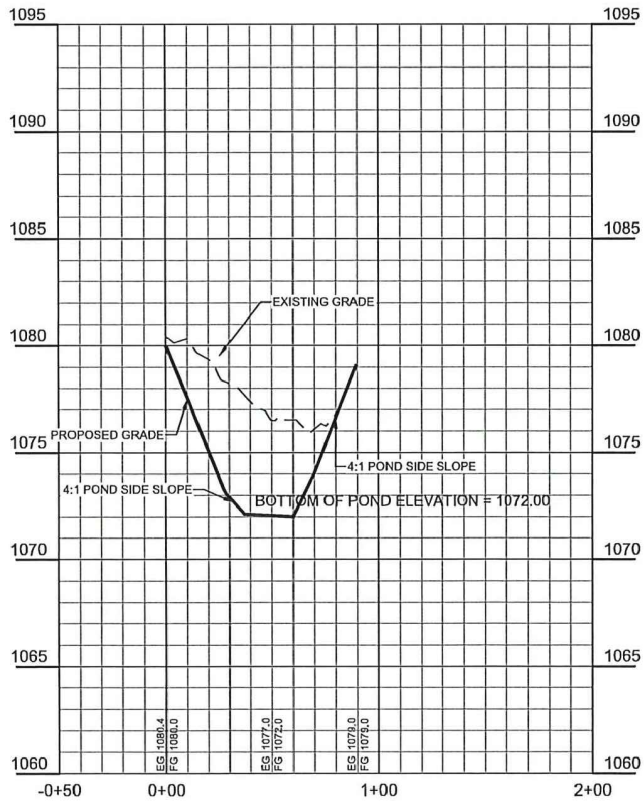
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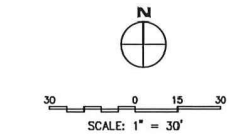
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LAST SAVED BY: YURONG ZHOU DATE: 5/4/2025 11:08 AM



VERT.: 1" = 4'
HORI.: 1" = 40'



PROFILE CHANNEL A



- LEGEND - DRAINAGE PLAN & PROFILE**
- SITE BOUNDARY
 - 1080 PROPOSED MAJOR CONTOUR
 - 1083 PROPOSED MINOR CONTOUR
 - 1080 EXISTING MAJOR CONTOUR
 - 1083 EXISTING MINOR CONTOUR

GRADING NOTES

1. THE PROPOSED SILTATION POND SYSTEM (POND A AND POND B) IS LOCATED WITHIN THE FEMA FLOOD INSURANCE RATE MAP (FIRM) SPECIAL FLOOD HAZARD AREA, ZONE A, WHERE NO BASED FLOOD ELEVATION HAS BEEN ESTABLISHED.
2. ALL GRADING, EXCAVATION, AND CONSTRUCTION WITHIN THE FLOODPLAIN SHALL COMPLY WITH THE CITY OF OKLAHOMA CITY FLOODPLAIN MANAGEMENT ORDINANCE, NFIP REQUIREMENTS, AND APPLICABLE FEMA REGULATIONS.
3. THE DETENTION POND SYSTEM IS DESIGNED AS AN EXCAVATION ONLY FEATURE. NO PLACEMENT OF STRUCTURAL OR NON-STRUCTURAL FILL IS PERMITTED WITHIN THE FLOODPLAIN UNLESS EXPLICITLY APPROVED BY THE CITY OF OKLAHOMA CITY FLOODPLAIN ADMINISTRATOR.
4. GRADING ASSOCIATED WITH THE DETENTION POND SYSTEM SHALL RESULT IN NO NET LOSS OF FLOODPLAIN STORAGE VOLUME. EXCAVATION WITHIN THE FLOODPLAIN SHALL FULLY OFFSET ANY DISPLACEMENT OF FLOOD STORAGE, RESULTING IN NO ADVERSE IMPACT.
5. THE PROPOSED DEVELOPMENT SHALL NOT CAUSE AN INCREASE IN FLOOD HEIGHTS, VELOCITIES, OR FLOOD IMPACTS ON ADJACENT OR UPSTREAM/DOWNSTREAM PROPERTIES FOR THE 100-YEAR FLOOD EVENT.
6. GRADING AND POND SIDE SLOPES SHALL NOT OBSTRUCT NATURAL FLOOD CONVEYANCE PATHS OR REDUCE THE EFFECTIVE WIDTH OF THE FLOODPLAIN.
7. A FLOODPLAIN DEVELOPMENT PERMITS SHALL BE OBTAINED FROM THE CITY OF OKLAHOMA CITY PRIOR TO COMMENCING ANY GRADING, EXCAVATION, OR CONSTRUCTION ACTIVITIES WITHIN THE FLOODPLAIN.
8. DURING CONSTRUCTION, MATERIALS, EQUIPMENT, AND TEMPORARY STOCKPILES SHALL BE LOCATED OUTSIDE OF THE FLOODPLAIN WHERE PRACTICABLE AND SHALL NOT IMPEDE DRAINAGE OR FLOOD FLOWS.
9. CONTRACTOR SHALL LIMIT ALL GRADING AND DISTURBANCE TO THE LIMITS SHOWN ON THE APPROVED PLANS. ANY DISTURBED FLOODPLAIN AREAS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
10. UPON COMPLETION OF CONSTRUCTION, THE ENGINEER MAY BE REQUIRED TO CERTIFY THAT GRADING WAS PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT FLOODPLAIN STORAGE HAS NOT BEEN REDUCED.
11. ALL DISTURBED SLOPES TO BE STABILIZED WITH VEGETATION. NO PERMANENT ARMORING ANTICIPATED.
12. TOPOGRAPHY DERIVED FROM USGS NATIONAL MAP DEM. FINAL GRADING SUBJECT TO FIELD VERIFICATION.



FLOODNOTE
ACCORDING TO THE F.I.R.M NO. 40108C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



OKJE.
www.kje-us.com
Texas Firm F-12214
ENGINEERS & ENVIRONMENTAL
KJE
500 Moseley Rd
Cross Roads, TX 76227
Phone 940-387-0805
Fax 940-387-0830



WADE ENGINEERING
3810 N TULSA AVE
OKLAHOMA CITY, OK 73112

WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING
DATE: May 4, 2025

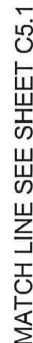
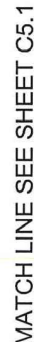
S HARRAH RD
OKLAHOMA CITY, OK 74857

Issued Date: 05/04/2025
Project No: 250159
Drawn By: YZ
Checked By: IN
Designed By: DW

Issue Record		
#	Description	Date

**DRAINAGE
PLAN &
PROFILE**

C5.0



1. THE PROPOSED DETENTION POND SYSTEM (POND A AND POND B) IS LOCATED WITHIN THE FEMA FLOOD INSURANCE RATE MAP (FIRM) SPECIAL FLOOD HAZARD AREA, ZONE A, WHERE NO BASED FLOOD ELEVATION HAS BEEN ESTABLISHED.
2. ALL GRADING, EXCAVATION, AND CONSTRUCTION WITHIN THE FLOODPLAIN SHALL COMPLY WITH THE CITY OF OKLAHOMA CITY FLOODPLAIN MANAGEMENT ORDINANCE, NFIP REQUIREMENTS, AND APPLICABLE FEMA REGULATIONS.
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6. GRADING AND POND SIDE SLOPES SHALL NOT OBSTRUCT NATURAL FLOOD CONVEYANCE PATHS OR REDUCE THE EFFECTIVE WIDTH OF THE FLOODPLAIN.
7. A FLOODPLAIN DEVELOPMENT PERMITS SHALL BE OBTAINED FROM THE CITY OF OKLAHOMA CITY PRIOR TO COMMENCING ANY GRADING, EXCAVATION, OR CONSTRUCTION ACTIVITIES WITHIN THE FLOODPLAIN.
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11. ALL DISTURBED SLOPES TO BE STABILIZED WITH VEGETATION, NO PERMANENT ARMORING ANTICIPATED.
12. TOPOGRAPHY DERIVED FROM USGS NATIONAL MAP DEM. FINAL GRADING SUBJECT TO FIELD VERIFICATION.



WADE ENGINEERING
3810 N TULSA AVE
OKLAHOMA CITY, OK 73112

WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING

DATE: May 4, 2026

S HARRAH RD
OKI AHOMA CITY OK 74857

Issued Date:	05/04/2020
Project No:	250159
Drawn By:	YZ
Checked By:	IN
Designed By:	DW
Issue Record	
#	Description
	Date

**DRAINAGE
PLAN &
PROFILE 3**

C5.2

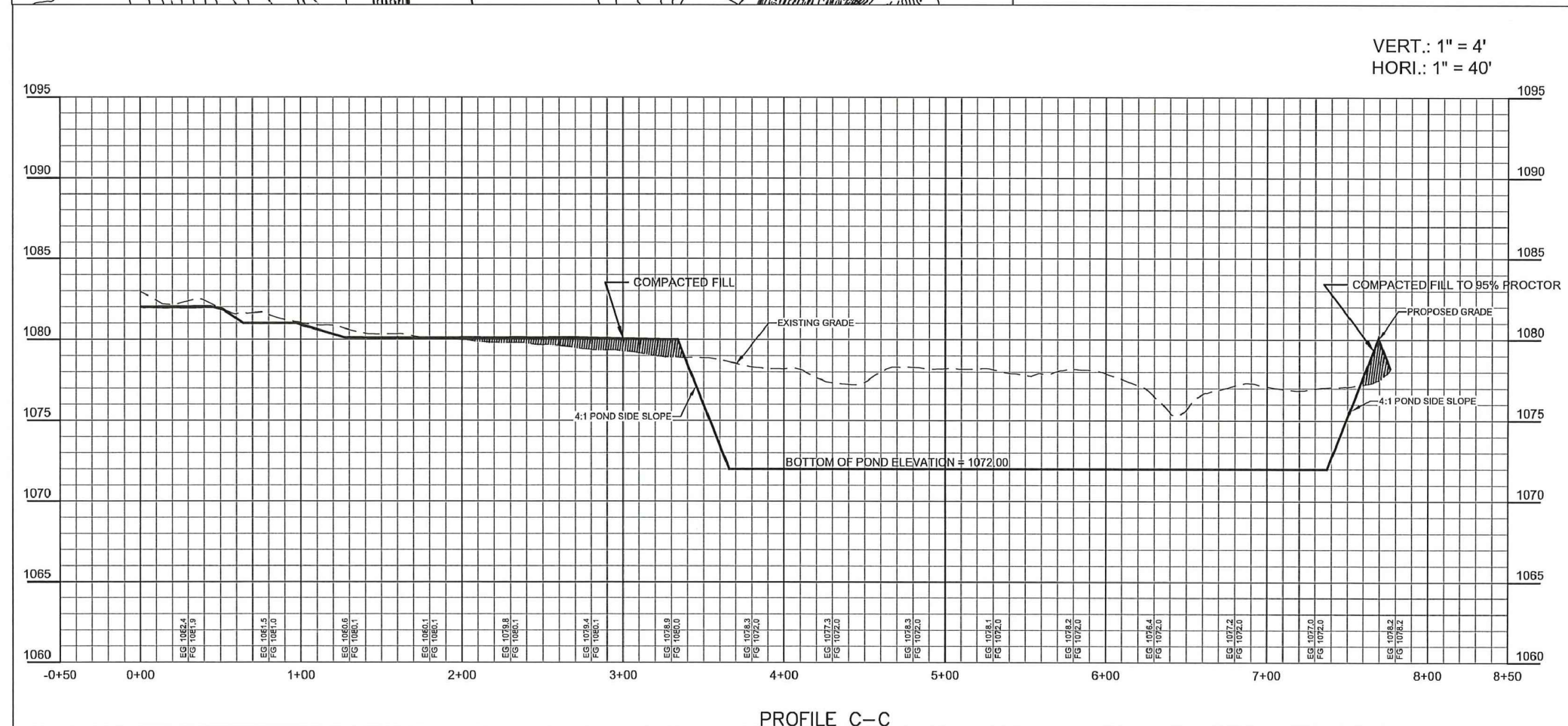
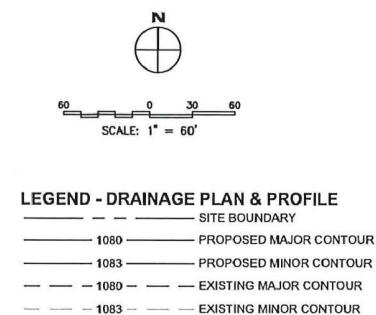


FLOODNOTE

ACCORDING TO THE F.J.R.M NO. 40109C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



1. THE PROPOSED TAILPOND SYSTEM (POND A AND POND B) IS LOCATED WITHIN THE FEMA FLOOD INSURANCE RATE MAP (FIRM) SPECIAL FLOOD HAZARD AREA, ZONE A, WHERE NO BASED FLOOD ELEVATION HAS BEEN ESTABLISHED.
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12. TOPOGRAPHY DERIVED FROM USGS NATIONAL MAP DEM. FINAL GRADING SUBJECT TO FIELD VERIFICATION.



WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING

DATE: May 4, 2026

S HARRAH RD
OKLAHOMA CITY, OK 74857

Issued Date:	05/04/2026
Project No:	250159
Drawn By:	YZ
Checked By:	IN
Designed By:	DW
Issue Record	
#	Description
	Date

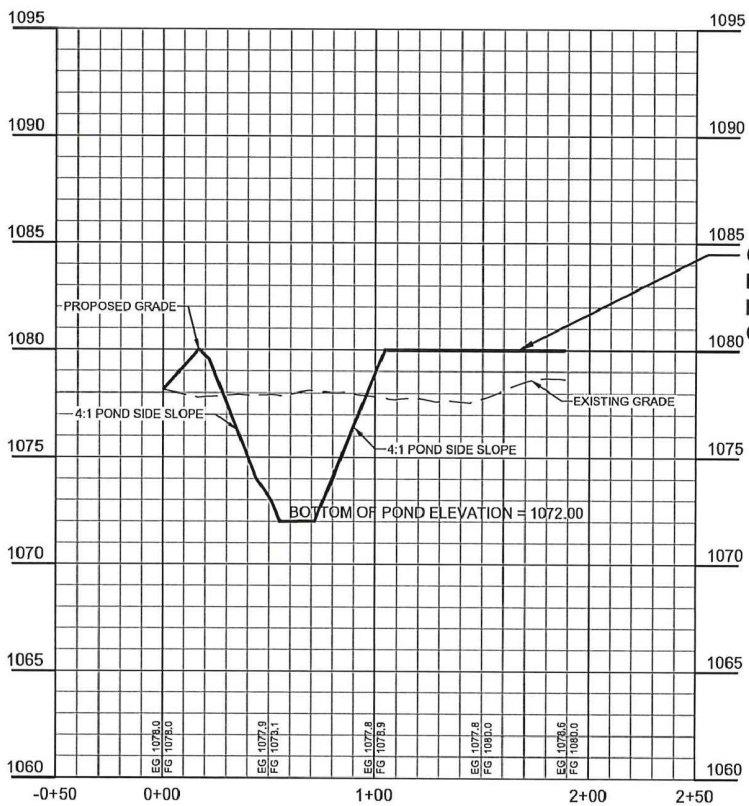
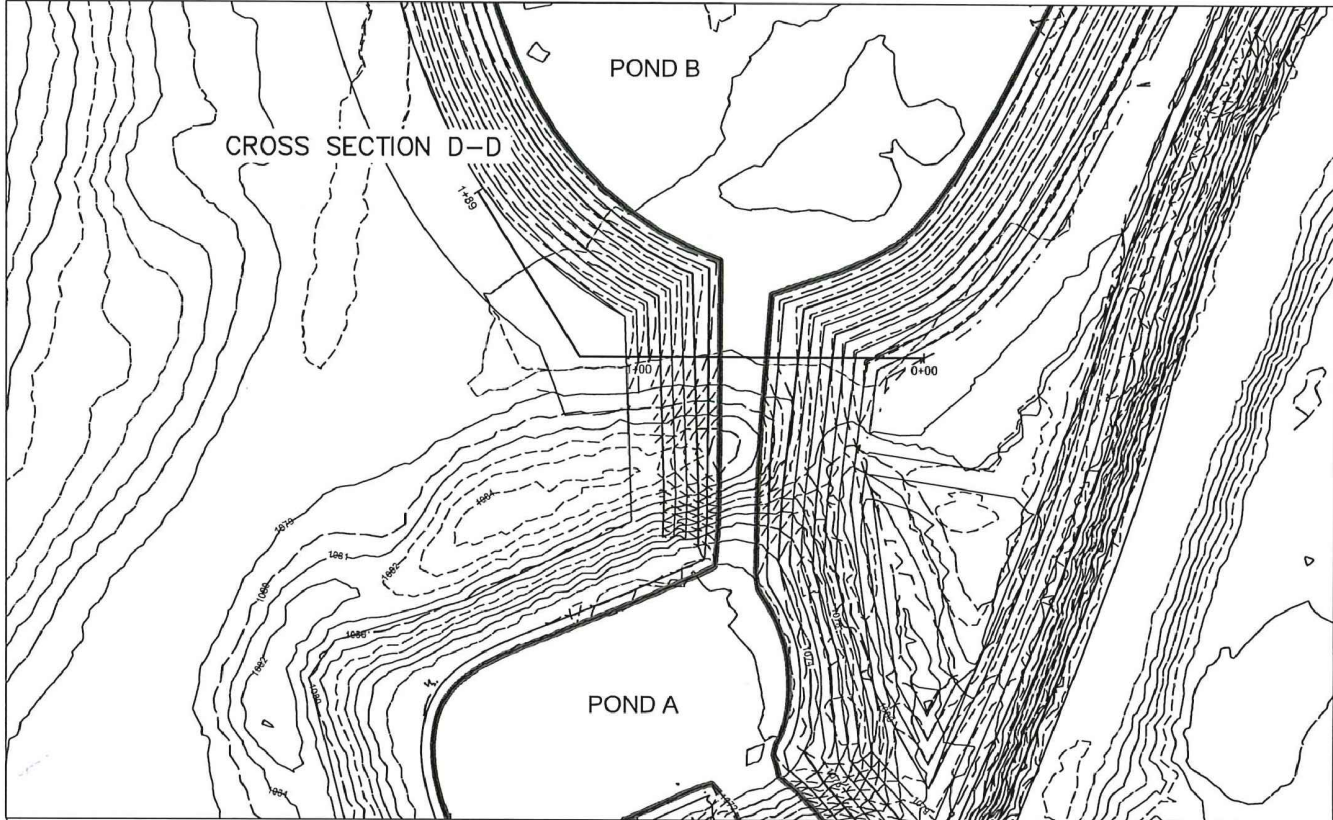
**DRAINAGE
PLAN &
PROFILE 4**

C5.3

FLOODNOTE

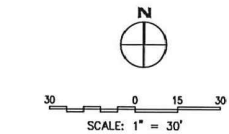
ACCORDING TO THE F.I.R.M. NO. 40109C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.





VERT.: 1" = 4'
HORI.: 1" = 40'

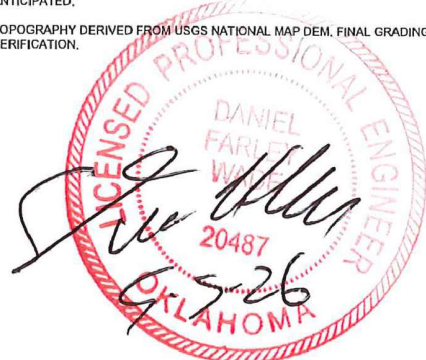
GRADING SHOWN PER
ENGINEER DIRECTION.
FINAL CONTOURS TO BE
COORDINATED.



- LEGEND - DRAINAGE PLAN & PROFILE**
- SITE BOUNDARY
 - 1080 — PROPOSED MAJOR CONTOUR
 - 1083 — PROPOSED MINOR CONTOUR
 - 1080 — EXISTING MAJOR CONTOUR
 - 1083 — EXISTING MINOR CONTOUR

GRADING NOTES

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12. TOPOGRAPHY DERIVED FROM USGS NATIONAL MAP DEM. FINAL GRADING SUBJECT TO FIELD VERIFICATION.



FLOODNOTE
ACCORDING TO THE FIRM NO. 40109C03704, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIES WITHIN A SPECIAL FLOOD HAZARD AREA'S SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2005.



WADE ENGINEERING
3810 N TULSA AVE
OKLAHOMA CITY, OK 73112

WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING
DATE: May 4, 2026

S HARRAH RD
OKLAHOMA CITY, OK 74857

Issued Date: 05/04/2026
Project No: 250159

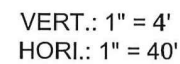
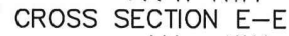
Drawn By: YZ
Checked By: IN
Designed By: DW

Issue Record

#	Description	Date

**DRAINAGE
PLAN &
PROFILE 5**

C5.4



— REFER TO WEIR DESIGN SHEET C5.6



1. THE PROPOSED SILTATION POND SYSTEM (POND A AND POND B) IS LOCATED WITHIN THE FEMA FLOOD INSURANCE RATE MAP (FIRM) SPECIAL FLOOD HAZARD AREA, ZONE A, WHERE NO BASED FLOOD ELEVATION HAS BEEN ESTABLISHED.
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WES WATKINS RESERVOIR
WETLANDS

DATE: May 4, 2026

S HARRAH RD
OKLAHOMA CITY, OK 74857

#	Description	Date
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**DRAINAGE
PLAN &
PROFILE 6**

C5.5

FLOODNOTE

ACCORDING TO THE F.I.R.M NO. 40109C0370H, THE SUBJECT PROPERTY LIES IN ZONE "A" AND ZONE "X". ZONE "A" LIE WITHIN A SPECIAL FLOOD HAZARD AREA. SUBJECT TO FUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE "X" DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



WES WATKINS RESERVOIR
WETLANDS

ISSUED FOR BIDDING
May 4, 2026

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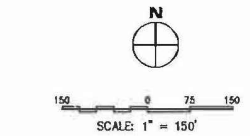
5 HARRAH RD
OKLAHOMA CITY, OK 74857

Issued Date:	05/04/2026
Project No:	250159
Drawn By:	YZ
Checked By:	IN
Designed By:	DW
Issue Record	
Description	Date

[illegible]

EROSION CONTROL PLAN

C6.0



LEGEND

- | | |
|---|--------------------------------|
|  | PROPERTY LINE |
|  | PROPOSED SILT FENCE |
|  | PROPOSED CONSTRUCTION ENTRANCE |
|  | FENCE - BARBED WIRE |
|  | FENCE - CHAIN LINK |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | CONSTRUCTION LIMITS |
|  | PROPOSED SEEDING AREAS |

EROSION NOTES:

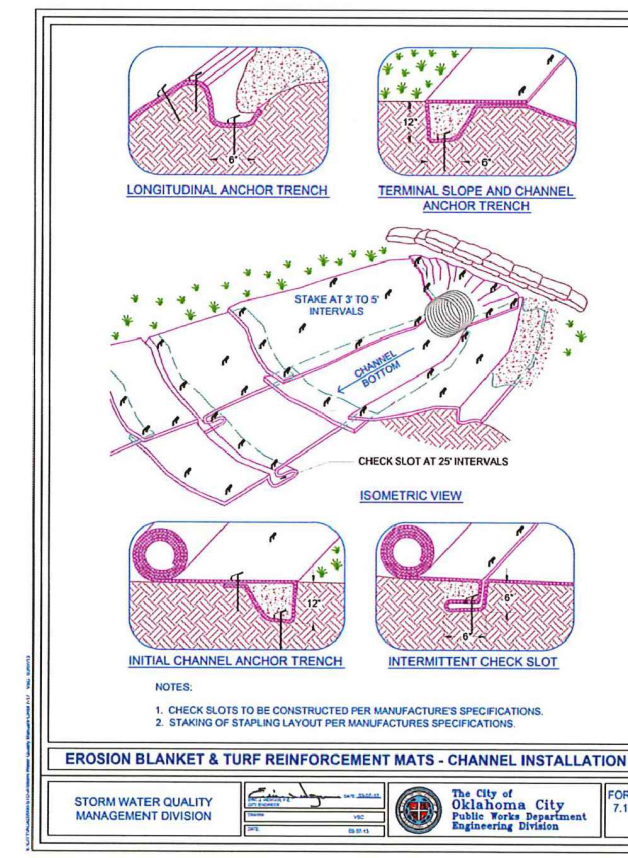
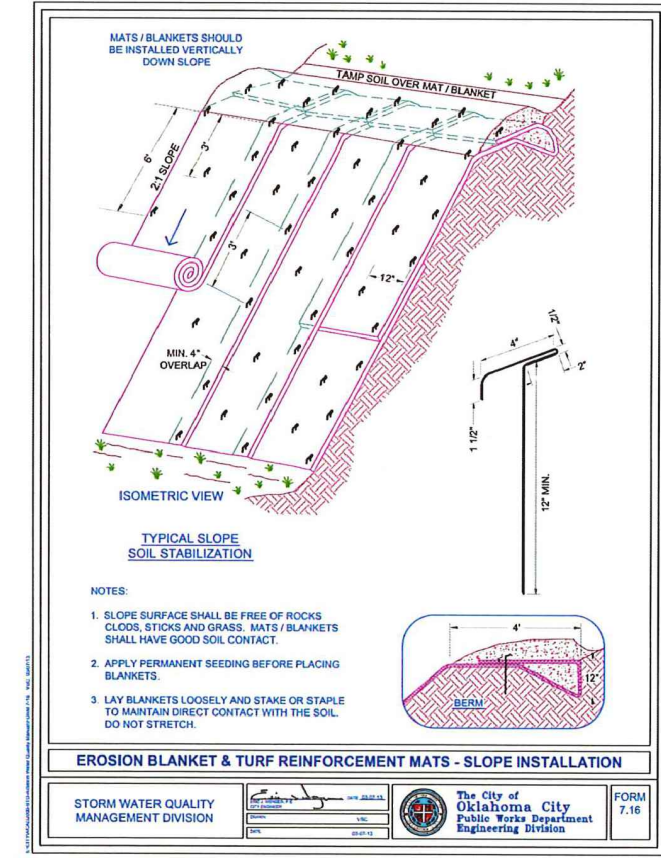
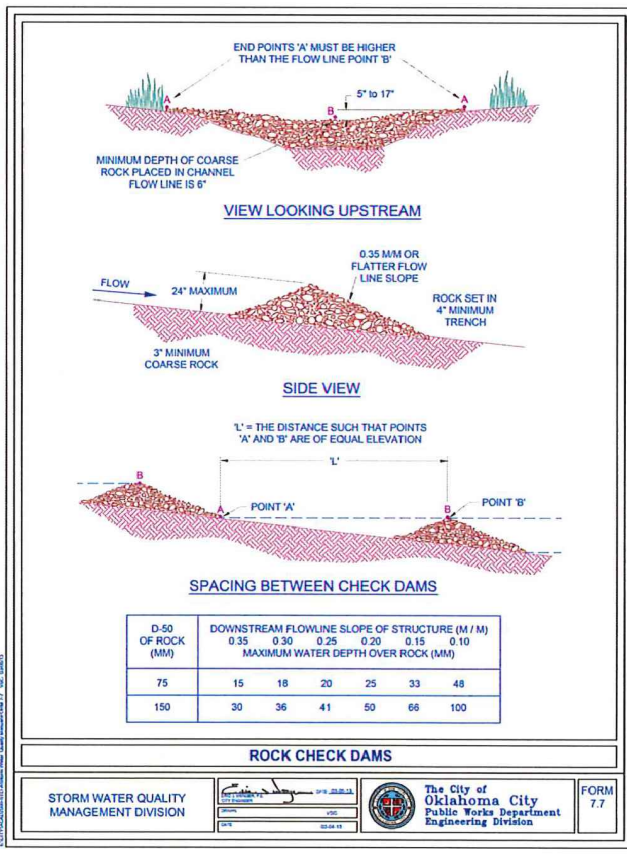
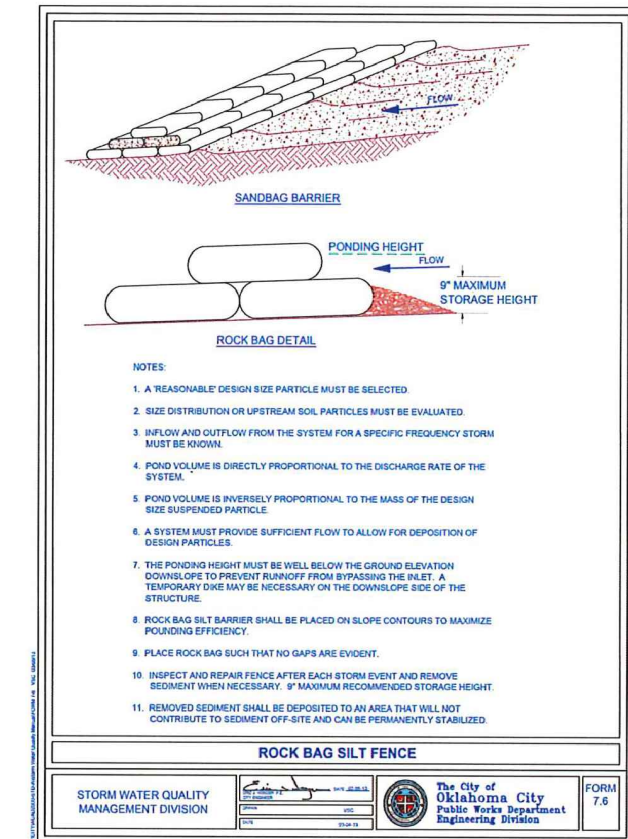
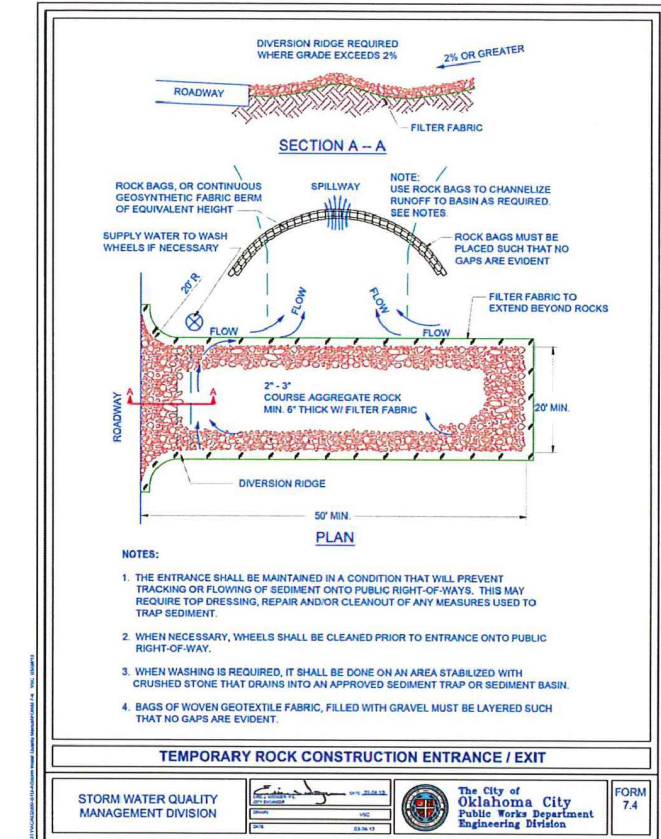
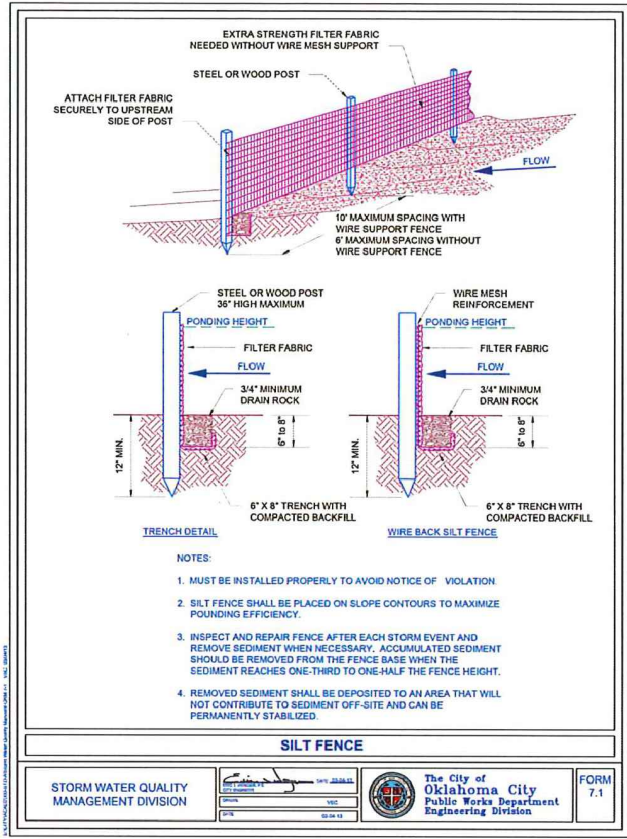
1. SILT FENCE IS PROVIDED FOR SHEET FLOW CONDITIONS ONLY AND IS LOCATED WITHIN THE LIMITS OF CONSTRUCTION. ROCK BAG SILT BARRIERS ARE PROVIDED AT CONCENTRATED FLOW LOCATIONS AND POND INLETS. EXISTING FENCE LINES ARE NOT USED FOR SEDIMENT CONTROL.
2. LIMITS OF CONSTRUCTION DEFINE THE EXTENT OF LAND DISTURBANCE. ALL DISTURBED AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL RECEIVE PERMANENT STABILIZATION, EXCLUDING TEMPORARY EXCAVATED SPOILS THAT ARE HAULED OFFSITE.
3. NO PERMANENT CHANNEL ARMORING ANTICIPATED PER DESIGN INTENT.

4. Excavated soils left on site will be stabilized. All excavated spoils will be spread evenly (at an on-site location to be determined), and where applicable, no greater than a 4:1 slope



FLOODNOTE

ACCORDING TO THE FIRM NO. 40109C03704, THE SUBJECT PROPERTY LIES IN ZONE 'A' AND ZONE 'X'. ZONE 'A' LIE WITHIN A SPECIAL FLOOD HAZARD AREAS SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD EVENT AND ZONE 'X' DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER MAP REVISION DATED, DECEMBER 18, 2009.



Issued Date:	05/04/2026	
Project No:	250159	
Drawn By:	YZ	
Checked By:	IN	
Designed By:	DW	
Issue Record		
#	Description	Date