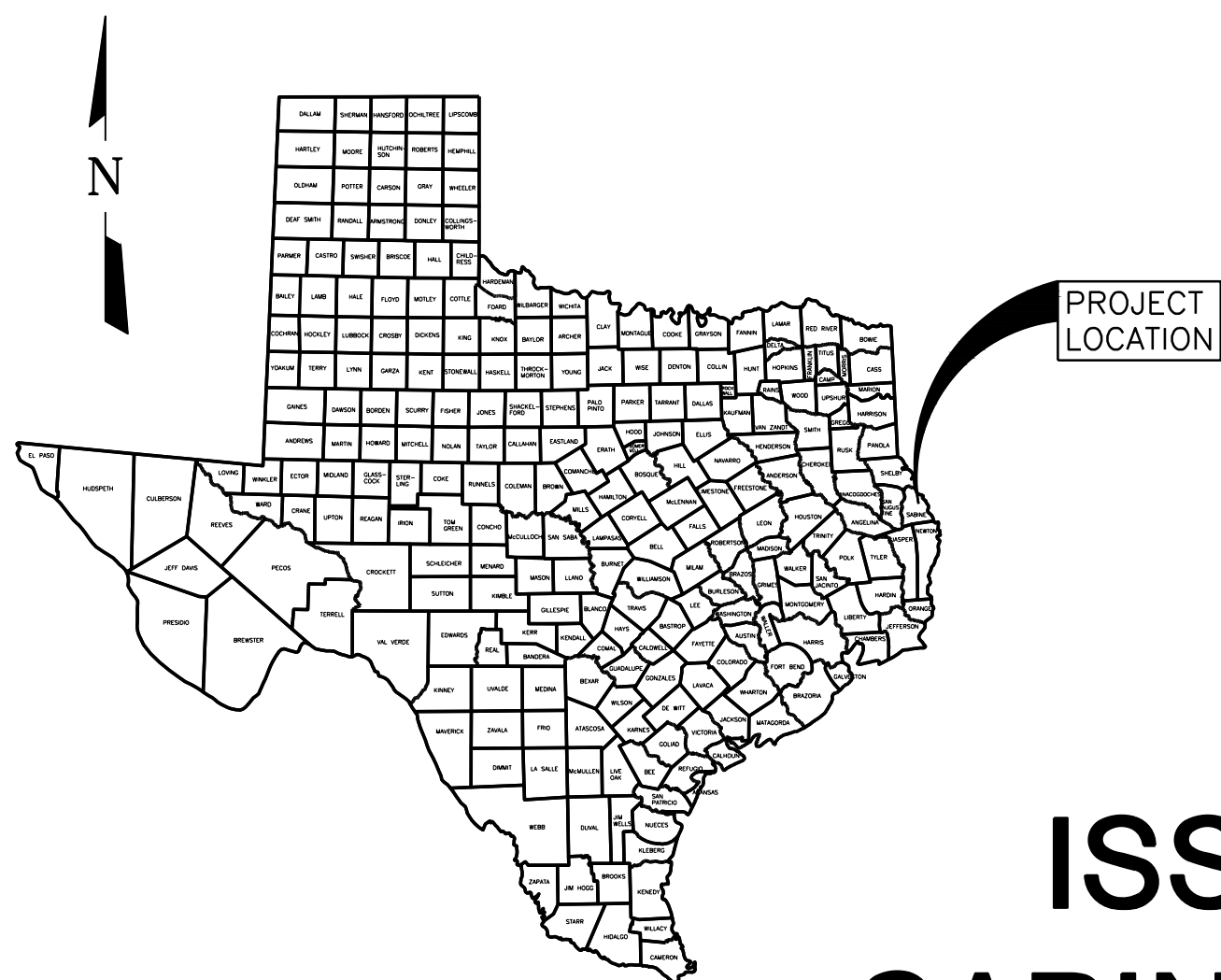
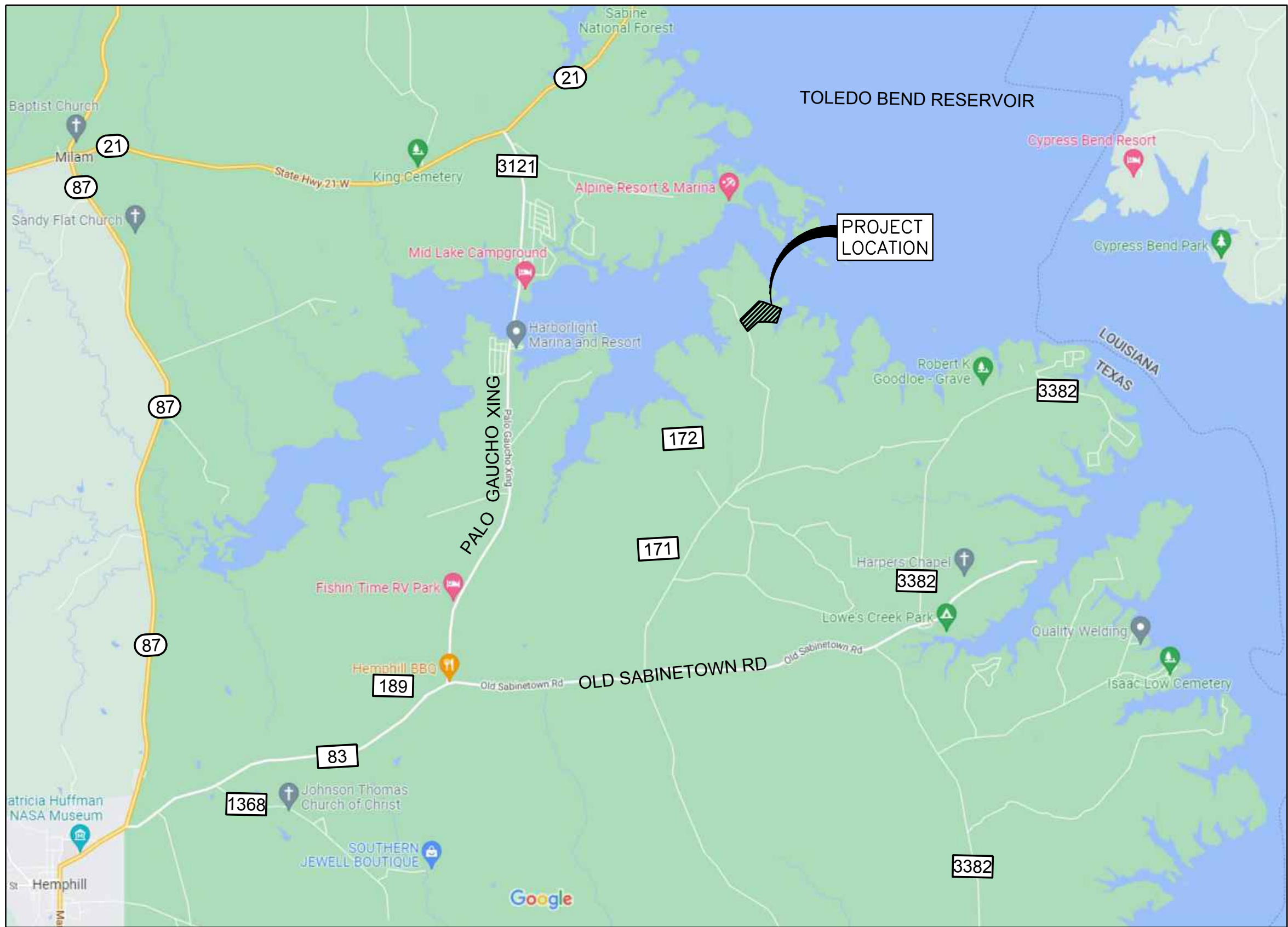


SABINE RIVER AUTHORITY OF TEXAS

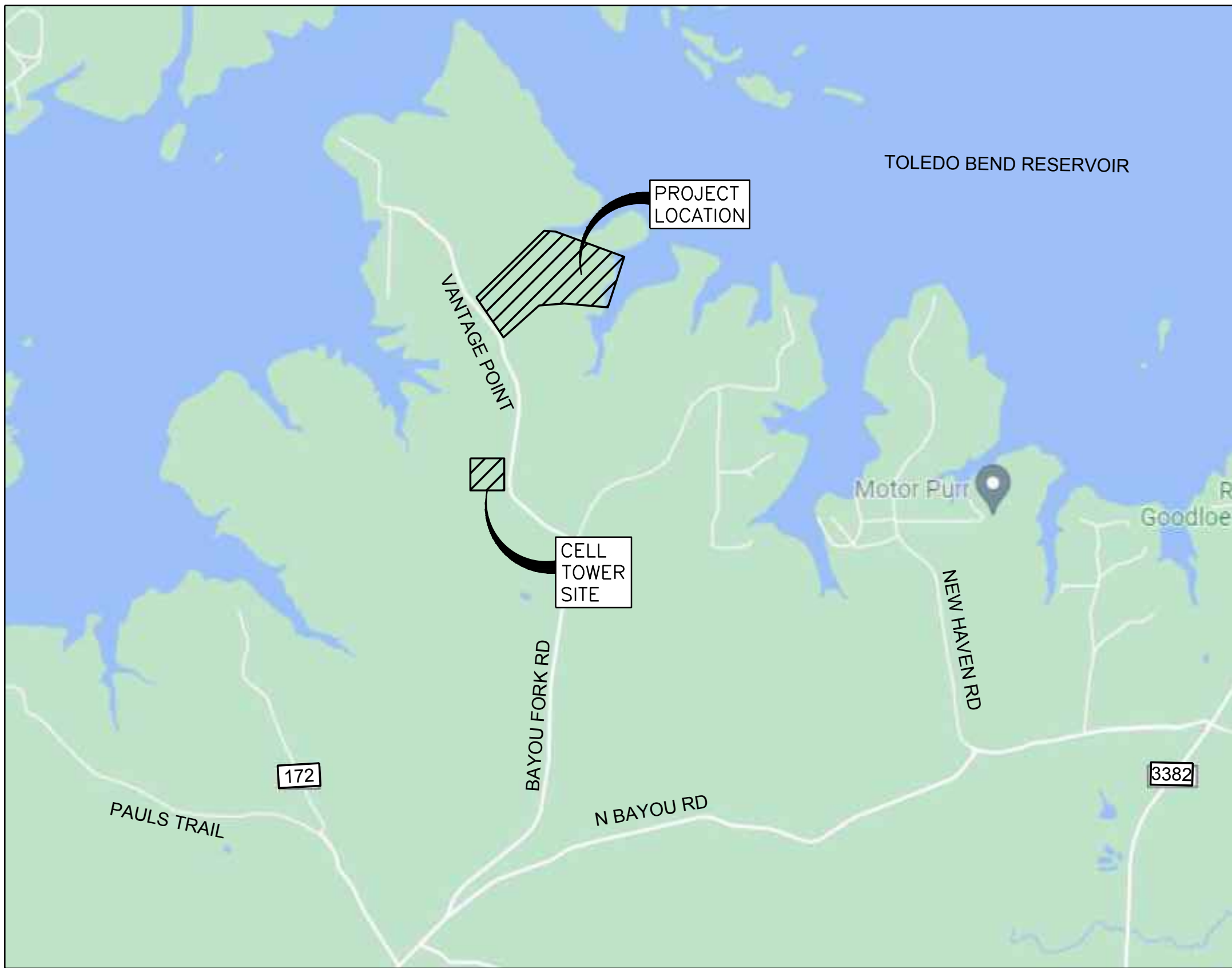


ISSUED FOR BID CONSTRUCTION DOCUMENTS FOR SABINETOWN PARK AND TOURNAMENT FISHING FACILITY CLEARING AND GRUBBING

MARCH 23, 2023



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

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Way,
Suite 500
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Texas Registered Engineering Firm F-2144



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GENERAL NOTES

1. THE FOLLOWING NOTES ARE GENERAL AND APPLY TO ALL SHEETS OF THESE CONTRACT DOCUMENTS AS IF THEY WERE WRITTEN IN THEIR ENTIRETY ON EACH SHEET.
2. COORDINATE ALL WORK WITH THE SABINE RIVER AUTHORITY (SRA) MID-BASIN MANAGER - DON ILES (409) 565-2273.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND BONDS PRIOR TO START OF CONSTRUCTION WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING MAINTENANCE/ACCESS ROADS AND PROVIDE ALL WEATHER INGRESS AND EGRESS FOR SRA MAINTENANCE AND OPERATOR PERSONNEL AT ALL TIMES.
5. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BE SUBJECT TO INSPECTION BY THE SRA AND THE ENGINEER.
6. PUBLIC AND PRIVATE UTILITY LINES AND CUSTOMER SERVICE LINES MAY EXIST THAT ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, MAINTAIN AND PROTECT THE INTEGRITY OF THESE LINES.
7. CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND UTILITY LINES PRIOR TO BEGINNING WORK. CALL 811 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION. CONTRACTOR SHALL IMMEDIATELY NOTIFY SRA AND ENGINEER OF ANY POTENTIAL CONFLICTS BEFORE BEGINNING EXCAVATION.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES, UTILITIES, TREES, SHRUBS, FENCES, AND OTHER ADJOINING FACILITIES AND REPAIR OR REPLACE TO ORIGINAL OR BETTER CONDITION DUE TO DAMAGE CAUSED BY CONTRACTOR AT NO COST TO SRA.
9. RECONSTRUCT ALL DRAINAGE DITCHES DISTURBED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION UTILIZING SAME FLOWLINES AND HYDRAULIC CAPACITY FOR STORM WATER SYSTEMS. CONTRACTOR SHALL MAINTAIN FLOW IN DRAINAGE DITCHES AT ALL TIMES. METHODS USED BY CONTRACTOR TO MAINTAIN FLOW IN DITCH MUST BE ACCEPTABLE TO SRA AND ENGINEER.
10. THE CONTRACTOR SHALL NOT DISPOSE OF ANY EXCAVATED MATERIALS WITHIN AN AREA DESIGNED AS BEING WITHIN THE 100-YEAR SPECIAL FLOOD HAZARD AREA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE FLOOD PLAIN STATUS OF ANY PROPOSED DISPOSAL SITE.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REQUIRED SECURITY TO PROTECT HIS PROPERTY, EQUIPMENT, WORK IN PROGRESS AND COMPLETED WORK.
12. EXISTING PAVEMENTS, CURBS, SIDEWALKS AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO IN KIND OR BETTER CONDITION AT NO COST TO SRA.
13. ALL DEMOLISHED STRUCTURES AND EXCESS EXCAVATED SOILS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED AND DISPOSED OF IMMEDIATELY IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND OTHER ORDINANCES. FURNISH WRITTEN VERIFICATION FROM SRA OF THE DISPOSAL SITE AUTHORIZING THE CONTRACTOR TO DISPOSE OF MATERIALS AT THAT LOCATION.
14. EXISTING CONTOURS IN PLANS ARE SHOWN FOR TERRAIN RELIEF ONLY. ALL ELEVATIONS SHALL BE VERIFIED.
15. PROPOSED CONTOUR LINES, SPOT ELEVATIONS AND SLOPE INDICATORS REPRESENT NEW GROUND SURFACE ELEVATION.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP OF THE SITE AND ADJOINING ACCESS ROADS AFTER CONSTRUCTION EVERYDAY. ALL ACCESS ROADS TO BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO COST TO SRA.

CARE OF WATER

1. CONTRACTOR IS RESPONSIBLE FOR ALL WATER CONTROL NECESSARY TO PROTECT THE PROJECT AREA IN ORDER TO PERFORM PROPOSED WORK IN THE DRY. TEMPORARY MEASURES SHALL BE REMOVED AT THE END OF CONSTRUCTION OR UNTIL THE TEMPORARY MEASURES HAVE MET THEIR INTENDED PURPOSE.

STORMWATER POLLUTION PREVENTION

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH COUNTY AND TCEQ/EPA REQUIREMENTS FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING AND GAINING ANY REQUIRED AUTHORIZATION OR PERMIT FOR THE SWPPP FOR THIS PROJECT. A COPY OF AN APPROVED SWPPP SHALL BE GIVEN TO THE OWNER PRIOR TO BEGINNING WORK.
2. THE CONTRACTOR SHALL NOT ALLOW SEDIMENT TO LEAVE THE WORK AREA OR ENTER ANY ADJOINING CHANNELS OR DITCHES. ADDITIONAL MEASURES (AT NO ADDITIONAL COST TO THE OWNER) MAY BE REQUIRED BEYOND THOSE NOTED IN THE SWPPP IF SEDIMENTATION OR RUN-OFF IS OBSERVED LEAVING THE WORK AREA.
3. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING GRASS OR OTHER GROUND COVER TO ALL DISTURBED AREAS OF THE SITE. THIS INCLUDES ACCESS ROADS, LAY DOWN AND MATERIAL STORAGE AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL DISTURBED AREAS FOR A PERIOD OF 90 DAYS FROM FINAL PROJECT ACCEPTANCE. THE CONTRACTOR SHALL GUARANTEE THE TURF ESTABLISHMENT OF DISTURBED AREAS FOR A PERIOD OF 6 MONTHS. GROWTH AND COVERAGE SHALL BE DEFINED AS 100% COVERAGE OF ALL DISTURBED AREAS WITH A UNIFORM COVERAGE OF GRASS A MINIMUM OF 1" IN HEIGHT WITH NO BARE SPOTS EXCEEDING 2 SQUARE FEET. ADDITIONAL HYDROSEEDING APPLICATIONS MAY BE REQUIRED TO MEET COVERAGE REQUIREMENTS (NO ADDITIONAL COST TO THE OWNER).
4. THE CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT OR UNTIL THE POINT THAT TURF IS ESTABLISHED TO PLAN GRADES. IF EROSION OR RILLING IS OBSERVED, CORRECTIVE MEASURES SHALL BE MADE TO THOSE AREAS.
5. SILT FENCING SHALL BE INSTALLED AS DETAILED. SEDIMENT SHALL BE CLEARED FROM THE FENCING OR BARRIER ONCE IT REACHES 1/3 THE HEIGHT OF THE FENCING.
6. CONTRACTOR SHALL ESTABLISH AND UTILIZE A RIP RAP WASH DOWN AREA ADJACENT TO ANY PUBLIC R.O.W., STREET, ALLEY, PARKING LOT OR OTHER VEHICULAR THROUGH-WAY. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD SURFACE ADJACENT TO THE PROJECT SITE FROM MUD AND DEBRIS CAUSED BY VEHICLES ENTERING THE WORK AREA. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR HIS SUB-CONTRACTORS AND TRADESMEN.
7. THE CONTRACTOR SHALL MAINTAIN A MINIMUM SPACE OF 5' BETWEEN ANY CONSTRUCTION OR SILT FENCING AND ADJACENT SIDEWALK, PARKING LOT OR BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND MOWING THIS AREA THROUGHOUT CONSTRUCTION.

CLEARING AND GRUBBING

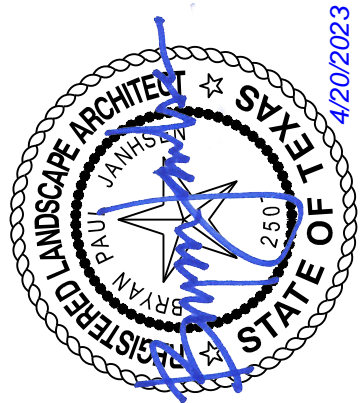
1. FOR A FULL DESCRIPTION OF THE REQUIREMENTS REFER TO TECHNICAL SPECIFICATION "31.11.00 CLEARING AND GRUBBING"
2. CLEARING OF THE SITE SHALL INCLUDE THE REMOVAL OF ALL TREES, SHRUBS, SNAGS, FALLEN TREES, UNDERSTORY PLANTS, TREE DEBRIS AND ANY OTHER ORGANIC MATERIAL AT OR ABOVE THE GROUND SURFACE WHICH CURRENTLY EXISTS WITHIN THE CLEARING LIMITS.
3. GRUBBING OF THE SITE SHALL INCLUDE THE REMOVAL OF STUMPS, ROOTS, LOGS, OR OTHER MATERIAL BELOW THE GROUND SURFACE WHICH CURRENTLY EXISTS WITHIN THE CLEARING LIMITS
4. THE CONTRACTOR SHALL MARK THE CLEARING LIMITS WITH GRADE STAKES, EVERY 100' FOR LESS ALONG THE ENTIRE PERIMETER OF THE AREA TO BE CLEARED. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL RECEIVE APPROVAL BY SRA OR THE ENGINEER AFTER FIELD VERIFICATION.
5. DURING FIELD VERIFICATION, SRA OR THE ENGINEER MAY ELECT TO MARK TREES TO BE PRESERVED WITHIN 10' ON EITHER SIDE OF THE CLEARING LIMITS.
6. THE CONTRACTOR SHALL ERECT "ORANGE" CONSTRUCTION FENCING ALONG THE BOUNDARY OF THE SRA PROPERTY AND THE USFS TRACT TO THE NORTH. THE CONTRACTOR SHALL NOTIFY ITS WORKERS, SUB CONTRACTOR AND ANYONE ELSE IN THE EMPLOY OF THE CONTRACTOR ABOUT THE LOCATION OF THE PROPERTY LINE. NO CLEARING OF TREES SHALL OCCUR WITHIN 10' OF THAT PROPERTY LINE.
7. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR GRUBBING DEPTHS REQUIRED.
8. BURNING OF ORGANIC MATERIAL WILL BE ALLOWED BY SRA, SO LONG AS ALL FEDERAL, STATE, COUNTY AND MUNICIPAL LAWS AND REGULATIONS ARE ADHERED TO CONCERNING BURNING. IF AT THE TIME OF THE WORK, BURNING IS NOT ALLOWED DUE TO A COUNTY WIDE BURNING BAN, THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE BY OTHER MEANS AT NO ADDITIONAL COST TO THE OWNER.
9. BURNING SHALL OCCUR WEEKLY AND UNDER ACCEPTABLE WEATHER CONDITIONS. BURN PILES SHALL NOT BE LOCATED WITHIN 250' FEET OF AN ADJACENT PROPERTY OWNER.
10. BURN PILE LOCATIONS SHALL BE APPROVED BY SRA OR THE ENGINEER PRIOR TO COMMENCEMENT OF SUCH ACTIVITIES. AT THE COMPLETION OF BURNING ACTIVITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE DEBRIS, ASH, PARTIALLY BURNED LOGS AND REMAINING LIMBS FROM THE SITE. BURYING OF BURN PILE DEBRIS ON SRA PROPERTY IS STRICTLY PROHIBITED.
11. AFTER CLEARING AND GRUBBING IS COMPLETE, THE CONTRACTOR SHOULD SUFFICIENTLY BLADE OR DISC THE ENTIRE SITE TO REMOVE ANY LARGE HOLES, PITS, MOUNDS, SMALL DEPRESSIONS OR OTHER TOPOGRAPHIC ANOMALIES RESULTING FROM THE GRUBBING OPERATION. THE FINAL GRADING SHOULD BE SMOOTH AND SHOULD GENERALLY FOLLOW THE EXISTING TOPOGRAPHY.
12. VERTICAL TRACKING (VIA TRACKED EQUIPMENT) IS REQUIRED ON THE PROJECT AREAS WHERE SOILS DISTURBANCE HAS OCCURRED.
13. PERFORM VERTICAL TRACKING ON ALL SLOPES TO TEMPORARILY STABILIZE THE SOILS. ALL VERTICAL TRACKING SHALL BE CONTINUOUS LINEAR TRACK IMPRESSIONS AND SHOULD BE PERPENDICULAR TO THE SLOPE OF THE WATER FLOW.
14. PROVIDE EQUIPMENT WITH A TRACK UNDERCARRIAGE CAPABLE OF PRODUCING LINEAR SOIL IMPRESSIONS MEASURING A MIN. OF 12" IN LENGTH BY 2" TO 4" IN WIDTH BY 1" TO 2" IN DEPTH. DO NOT EXCEED 12" BETWEEN TRACK IMPRESSIONS.

CULTURAL RESOURCES

1. THE CONTRACTOR SHALL VERIFY WITH THE OWNER THAT THE RESULTS OF THE PHASE 1 CULTURAL RESOURCES SURVEY HAVE BEEN COMPLETED AND BEEN ACCEPTED BY THE TEXAS HISTORICAL COMMISSION PRIOR TO BEGINNING WORK.
2. IF CULTURAL MATERIALS ARE ENCOUNTERED DURING PROJECT ACTIVITIES, WORK SHOULD CEASE IN THE IMMEDIATE AREA; IF APPROPRIATE, SECURITY MEASURES WILL BE INITIATED TO PROTECT THE DISCOVERY. WORK CAN CONTINUE WHERE NO CULTURAL MATERIALS ARE PRESENT. THE THC ARCHEOLOGY DIVISION (512-463-6096) WILL BE IMMEDIATELY NOTIFIED BY THE OWNER TO CONSULT ON FURTHER ACTIONS THAT MAY BE NECESSARY TO PROTECT THE CULTURAL REMAINS.
3. ARCHEOLOGICAL MATERIALS REQUIRING NOTIFICATION MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCENTRATIONS OF HISTORICALLY SIGNIFICANT ARTIFACTS, FEATURES SUCH AS BUILDING FOUNDATIONS, OR HUMAN REMAINS AND FUNERARY OBJECTS. SHOULD HUMAN REMAINS AND/OR AN ABANDONED OR UNKNOWN CEMETERY BE ENCOUNTERED DURING THE PROJECT, ALL WORK WILL CEASE WITHIN THE IMMEDIATE VICINITY OF THE REMAINS. THE REMAINS WILL NOT BE DISTURBED, EXCAVATED, OR REMOVED AND WILL REMAIN PROTECTED IN PLACE.
4. THE CONTRACTOR WILL COMPLY WITH TEXAS HEALTH AND SAFETY CODE TITLE 8, CHAPTERS 711 AND 715. THE APPROPRIATE COUNTY CORONER'S OFFICE, LOCAL LAW ENFORCEMENT AGENCY, AND THE THC WILL BE IMMEDIATELY CONTACTED TO CONSULT ON FURTHER ACTIONS.

SHEET INDEX	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SHEET INDEX AND GENERAL NOTES
3	SITE CLEARING LIMITS PLAN
4	EROSION CONTROL PLAN
5	EROSION CONTROL DETAILS

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SABINE RIVER AUTHORITY OF TEXAS
SABINETOWN PARK DEVELOPMENT - PHASE 1

LANDSCAPE ARCHITECTURE

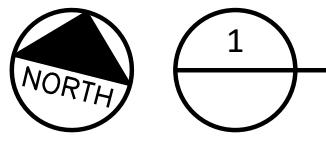
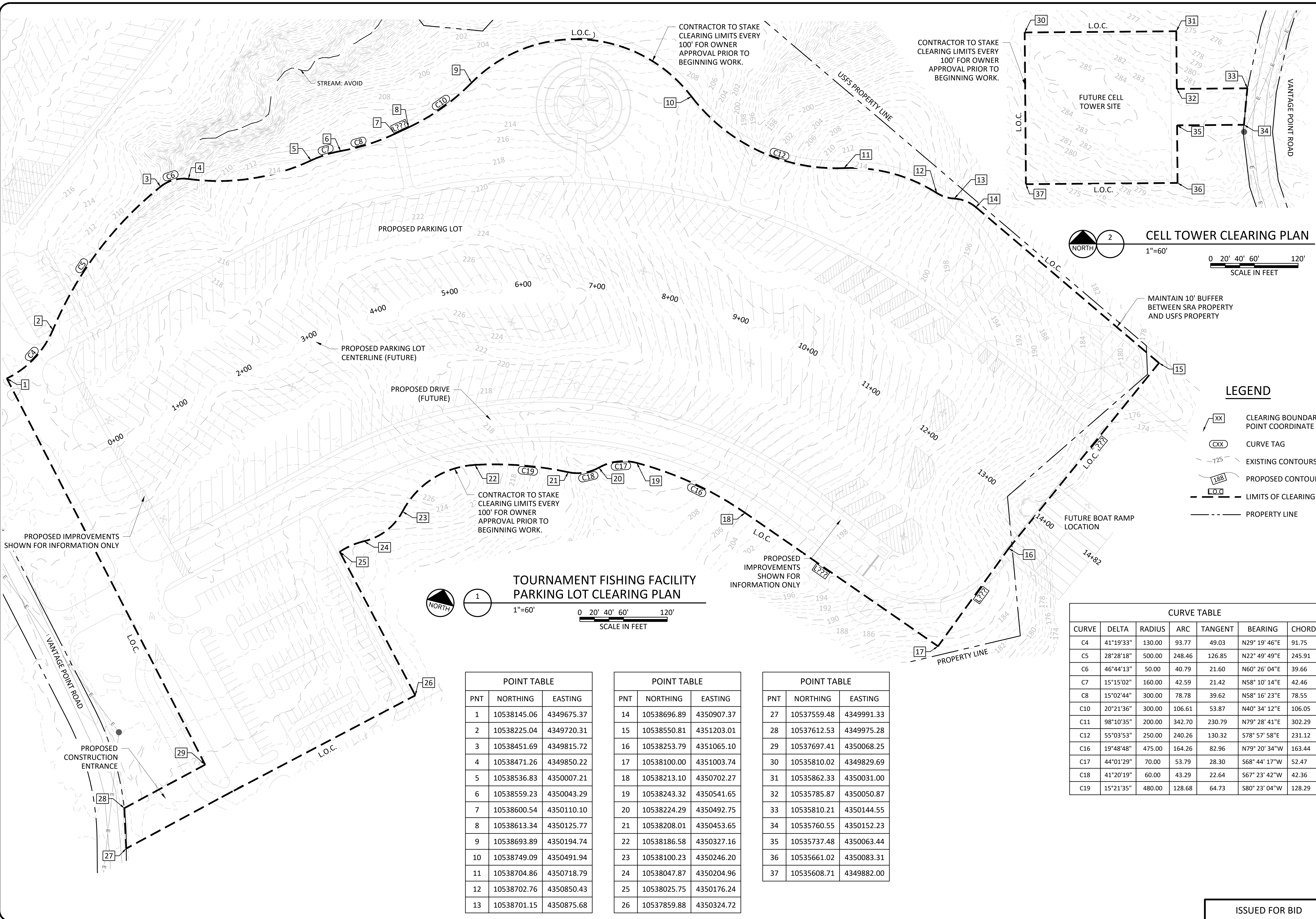
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TOURNAMENT FISHING FACILITY PARKING LOT CLEARING PLAN

POINT TABLE		
PNT	NORTHING	EASTING
1	10538145.06	4349675.37
2	10538225.04	4349720.31
3	10538451.69	4349815.72
4	10538471.26	4349850.22
5	10538536.83	4350007.21
6	10538559.23	4350043.29
7	10538600.54	4350110.10
8	10538613.34	4350125.77
9	10538693.89	4350194.74
10	10538749.09	4350491.94
11	10538704.86	4350718.79
12	10538702.76	4350850.43
13	10538701.15	4350875.68

POINT TABLE		
PNT	NORTHING	EASTING
14	10538696.89	4350907.37
15	10538550.81	4351203.01
16	10538253.79	4351065.10
17	10538100.00	4351003.74
18	10538213.10	4350702.27
19	10538243.32	4350541.65
20	10538224.29	4350492.75
21	10538208.01	4350453.65
22	10538186.58	4350327.16
23	10538100.23	4350246.20
24	10538047.87	4350204.96
25	10538025.75	4350176.24
26	10537859.88	4350324.72

POINT TABLE		
PNT	NORTHING	EASTING
27	10537559.48	4349991.33
28	10537612.53	4349975.28
29	10537697.41	4350068.25
30	10535810.02	4349829.69
31	10535862.33	4350031.00
32	10535785.87	4350050.87
33	10535810.21	4350144.55
34	10535760.55	4350152.23
35	10535737.48	4350063.44
36	10535661.02	4350083.31
37	10535608.71	4349882.00

CURVE TABLE						
CURVE	DELTA	RADIUS	ARC	TANGENT	BEARING	CHORD
C4	41°19'33"	130.00	93.77	49.03	N29° 19' 46"E	91.75
C5	28°28'18"	500.00	248.46	126.85	N22° 49' 49"E	245.91
C6	46°44'13"	50.00	40.79	21.60	N60° 26' 04"E	39.66
C7	15°15'02"	160.00	42.59	21.42	N58° 10' 14"E	42.46
C8	15°02'44"	300.00	78.78	39.62	N58° 16' 23"E	78.55
C10	20°21'36"	300.00	106.61	53.87	N40° 34' 12"E	106.05
C11	98°10'35"	200.00	342.70	230.79	N79° 28' 41"E	302.29
C12	55°03'53"	250.00	240.26	130.32	S78° 57' 58"E	231.12
C16	19°48'48"	475.00	164.26	82.96	N79° 20' 34"W	163.44
C17	44°01'29"	70.00	53.79	28.30	S68° 44' 17"W	52.47
C18	41°20'19"	60.00	43.29	22.64	S67° 23' 42"W	42.36
C19	15°21'35"	480.00	128.68	64.73	S80° 23' 04"W	128.29

LEGEND

- XX CLEARING BOUNDARY POINT COORDINATE
- CXX CURVE TAG
- 725 EXISTING CONTOURS
- 188 PROPOSED CONTOURS
- L.O.C. LIMITS OF CLEARING
- PROPERTY LINE

CELL TOWER CLEARING PLAN

1"=60'

0 20' 40' 60' 120'

SCALE IN FEET

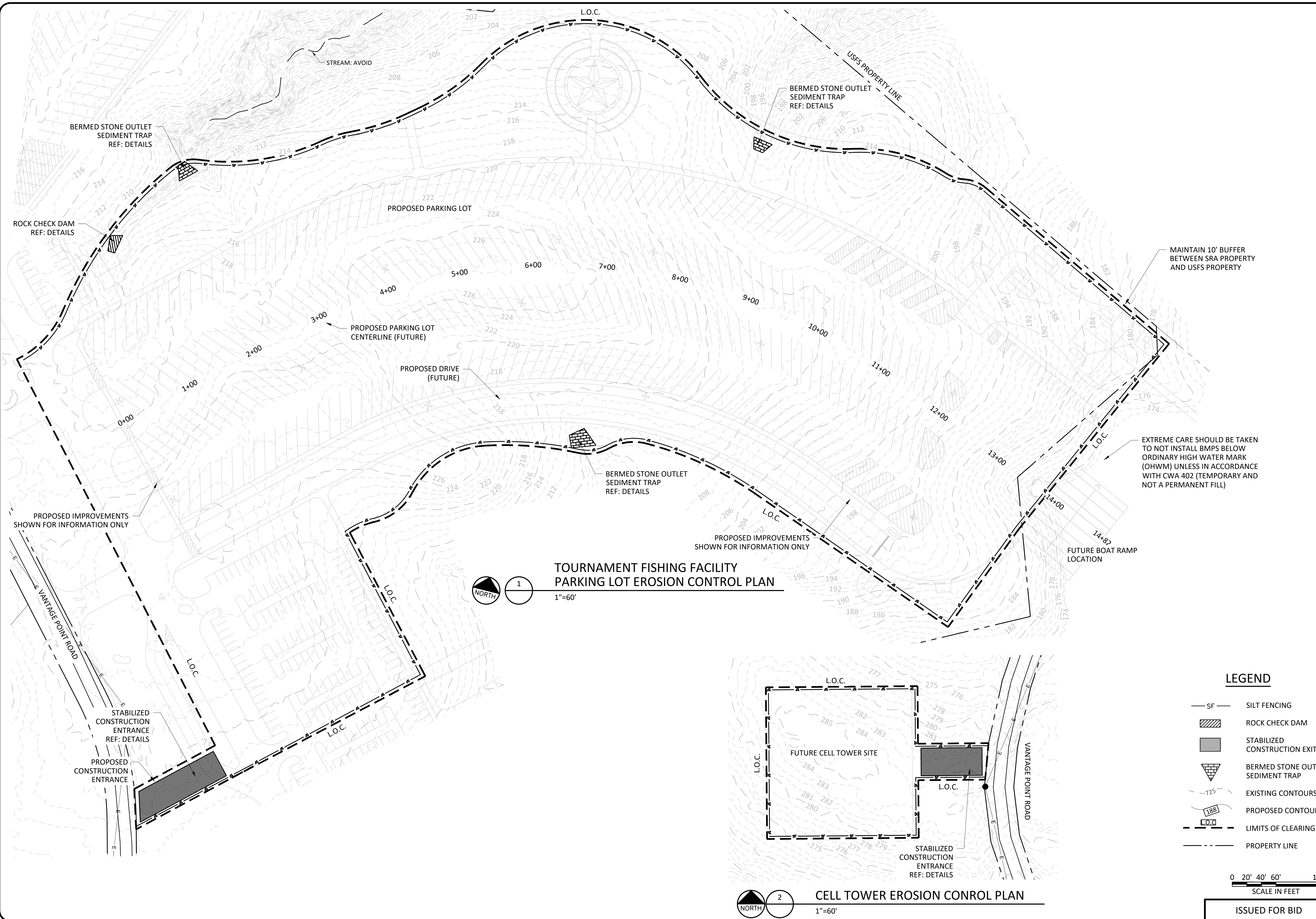
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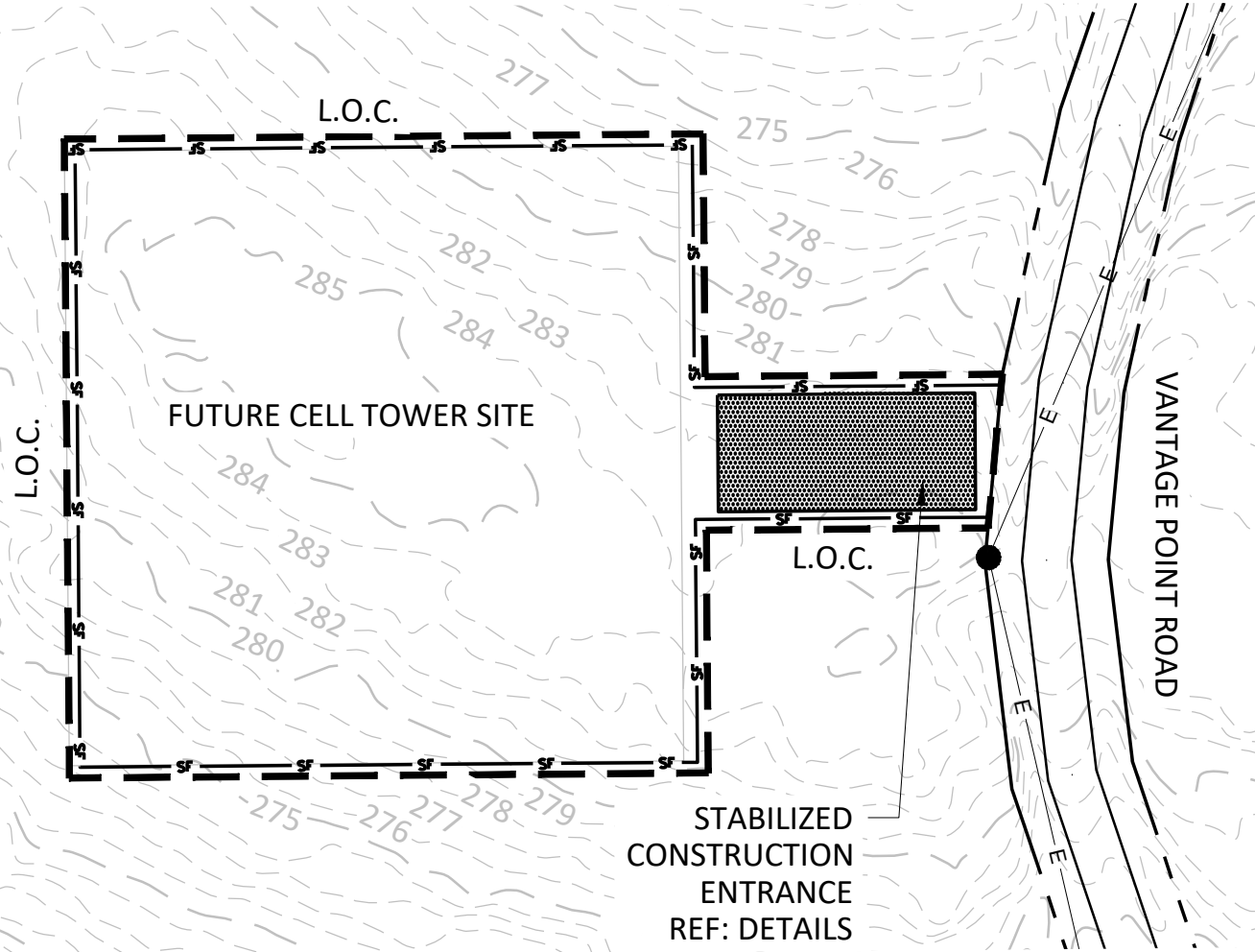
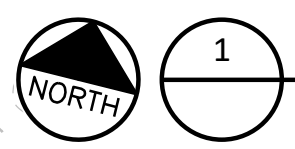
SABINA RIVER AUTHORITY OF TEXAS
SABINETOWN PARK DEVELOPMENT - PHASE 1
 CIVIL
SITE CLEARING LIMITS PLAN

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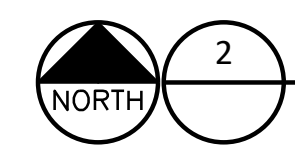
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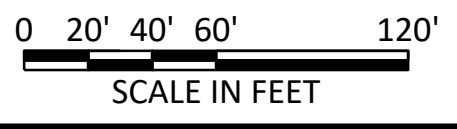
**TOURNAMENT FISHING FACILITY
 PARKING LOT EROSION CONTROL PLAN**



CELL TOWER EROSION CONTROL PLAN



- LEGEND**
- SF — SILT FENCING
 - [Hatched Box] ROCK CHECK DAM
 - [Stippled Box] STABILIZED CONSTRUCTION EXIT
 - [Triangular Box] BERMED STONE OUTLET SEDIMENT TRAP
 - - - 7.25 - - - EXISTING CONTOURS
 - [Dashed Box] PROPOSED CONTOURS
 - - - L.O.C. - - - LIMITS OF CLEARING
 - - - - - PROPERTY LINE



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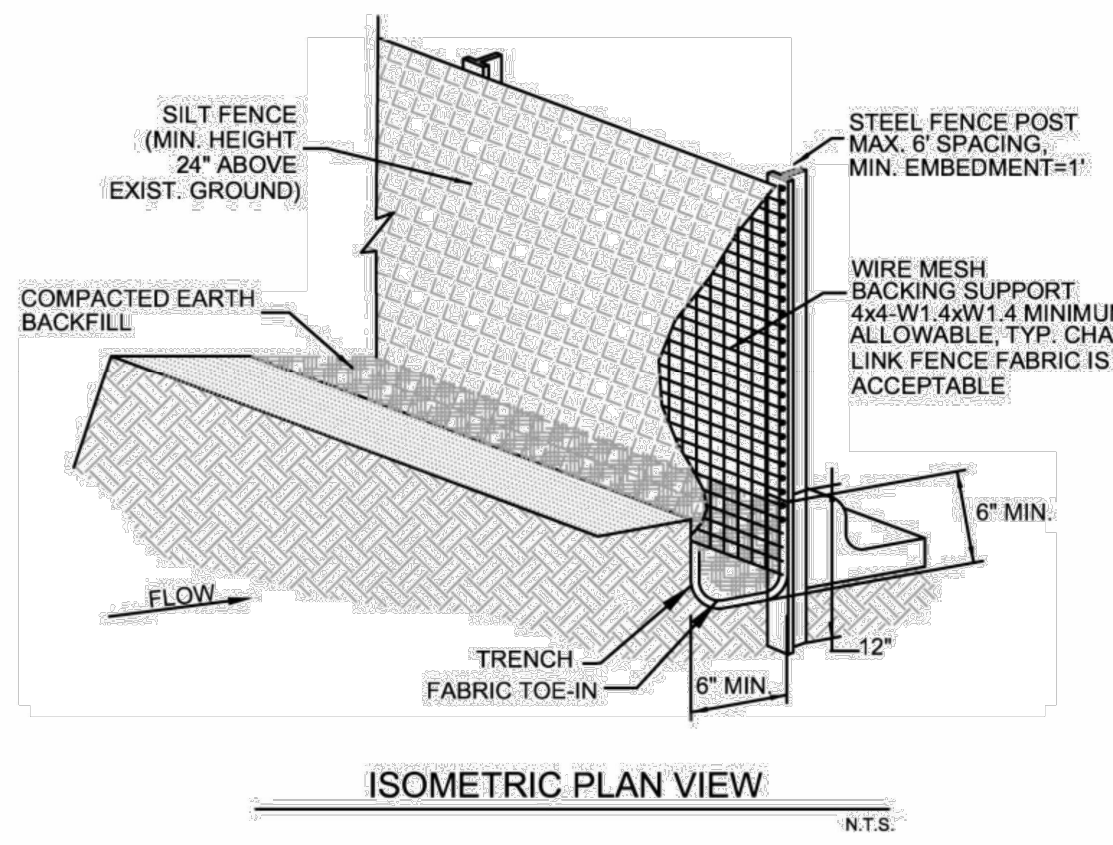
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SABINETOWN PARK DEVELOPMENT - PHASE 1

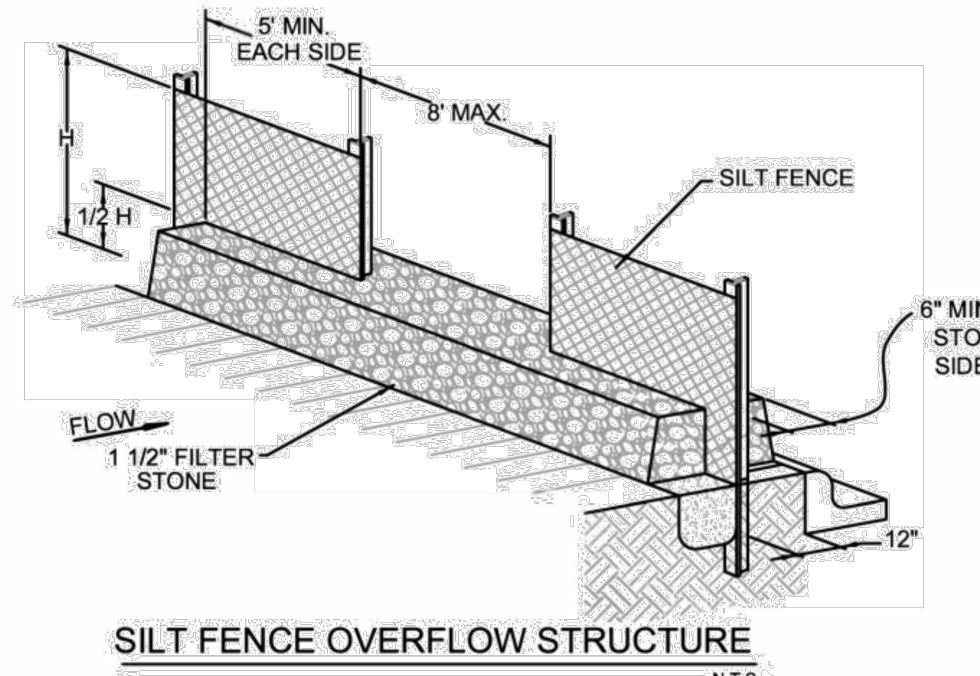
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 EROSION CONTROL PLAN

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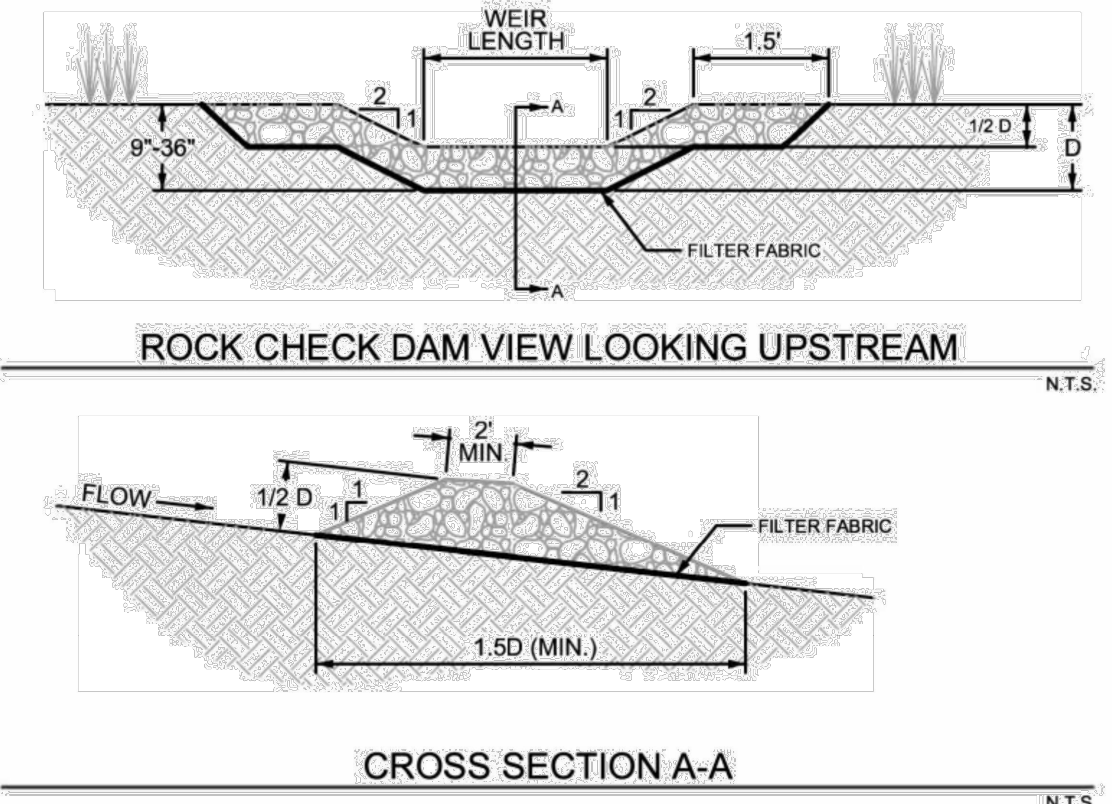


ISOMETRIC PLAN VIEW
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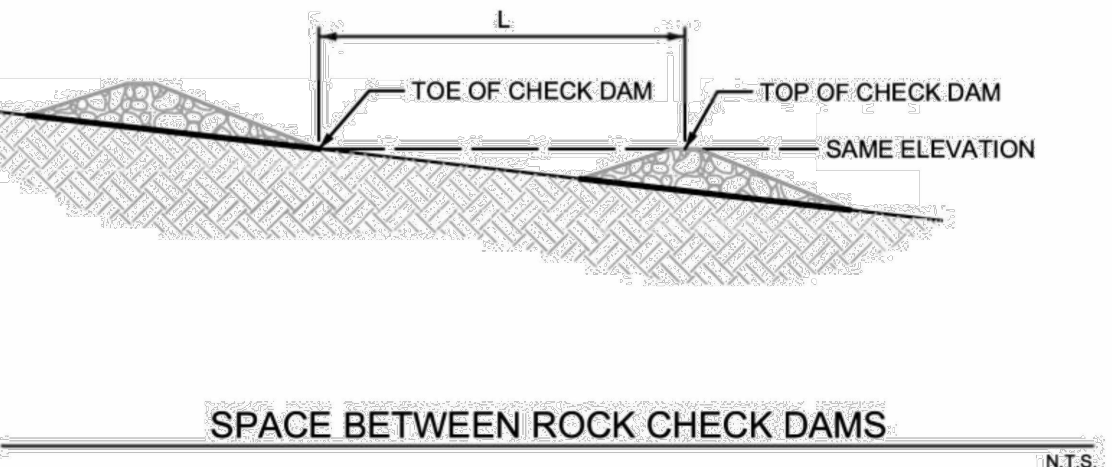


SILT FENCE OVERFLOW STRUCTURE
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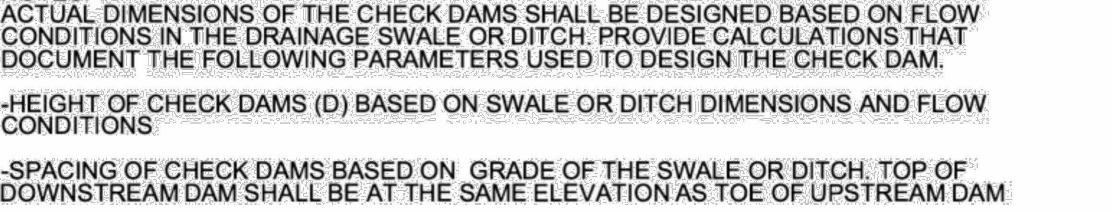
1 SILT FENCE DETAILS
N.T.S.



ROCK CHECK DAM VIEW LOOKING UPSTREAM
N.T.S.



CROSS SECTION A-A
N.T.S.



SPACE BETWEEN ROCK CHECK DAMS
N.T.S.

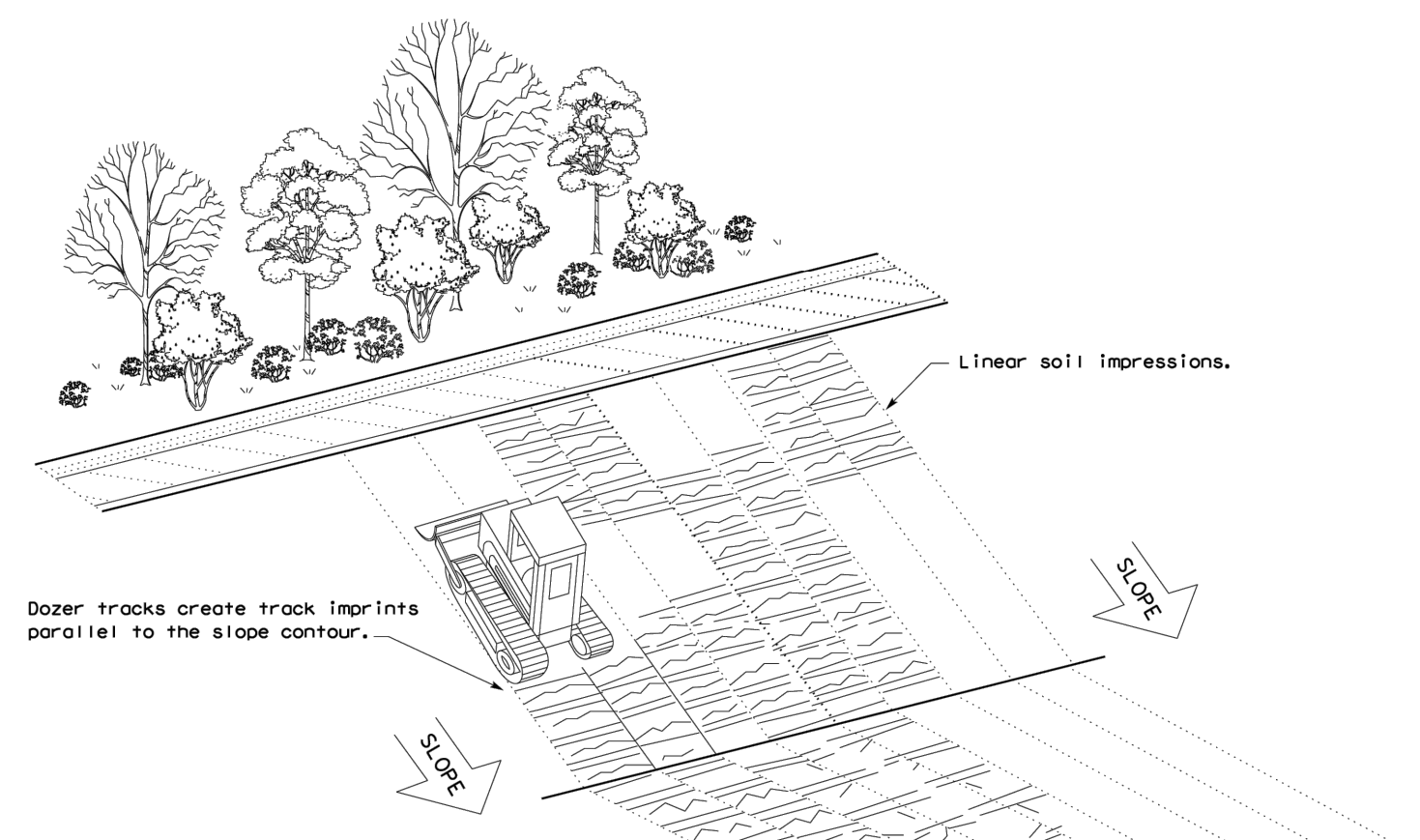
2 ROCK CHECK DAM DETAILS
N.T.S.

ROCK CHECK DAM GENERAL NOTES:

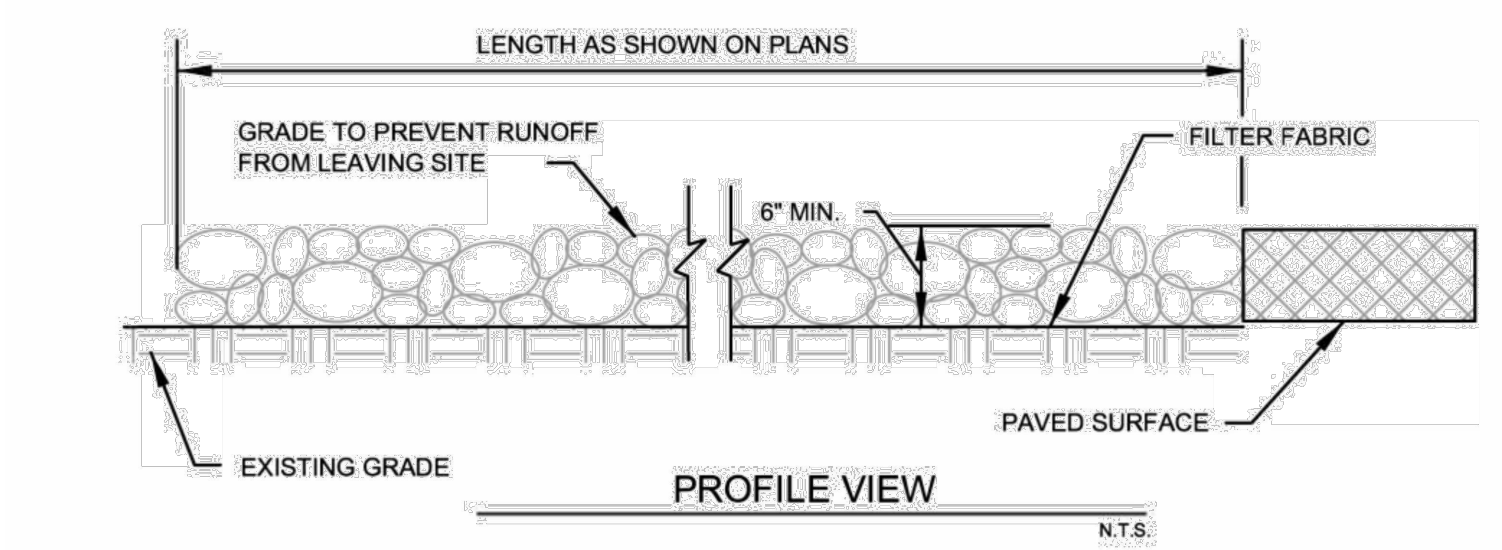
1. SEE NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.9 CHECK DAM (ROCK).
2. STONE SHALL BE WELL GRADED WITH SIZE RANGE FROM 1 1/2 TO 3 1/2 INCHES IN DIAMETER DEPENDING ON EXPECTED FLOWS.
3. THE CHECK DAM SHALL BE INSPECTED AS SPECIFIED IN THE SWPPP AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD OF THE HEIGHT OF THE CHECK DAM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF PROPERLY.
5. WHEN THE SITE HAS ACHIEVED FINAL STABILIZATION OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED, THE CHECK DAM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

GENERAL NOTES

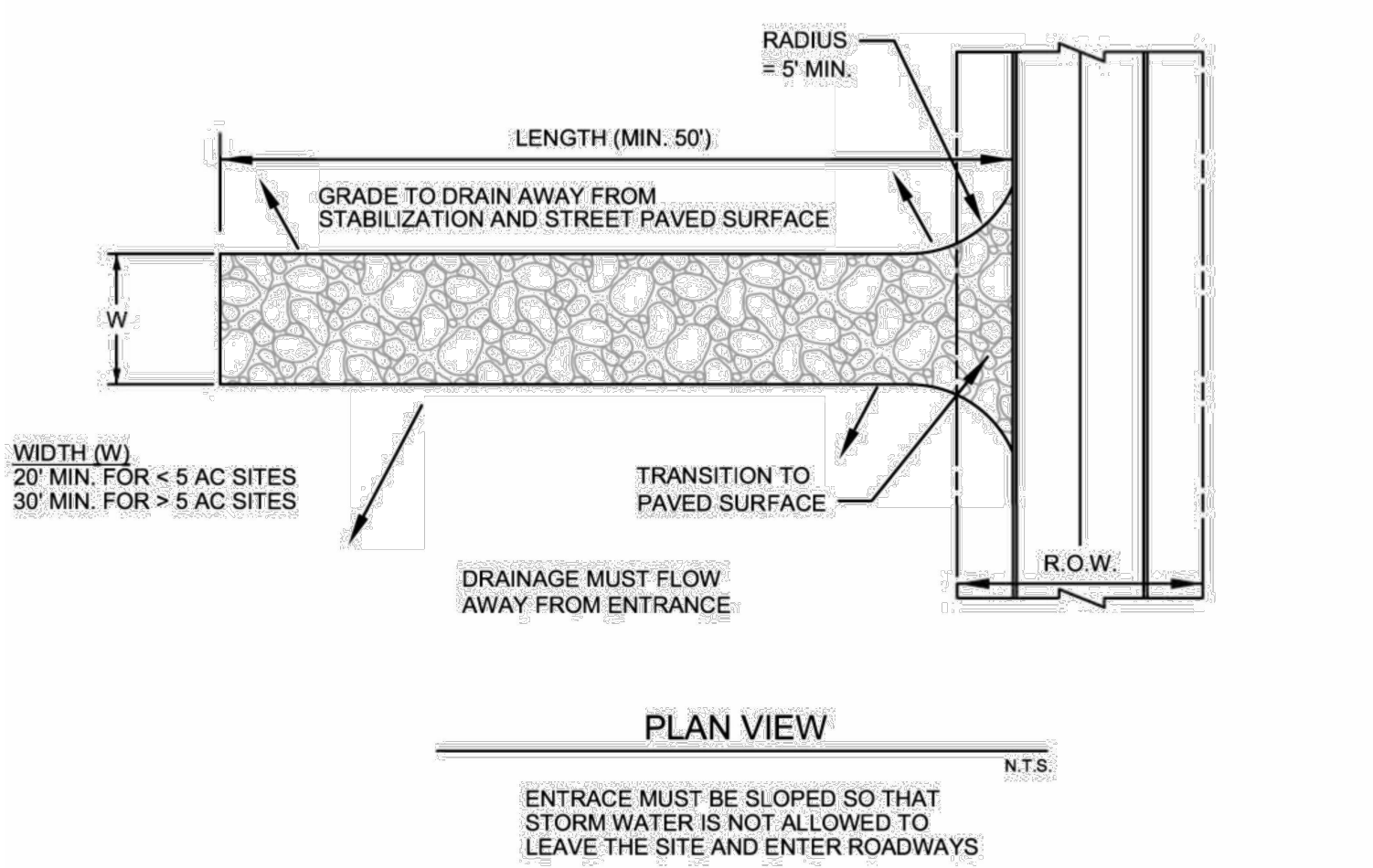
1. Vertical tracking is required on projects where soil distributing activities have occurred unless otherwise approved.
2. Perform vertical tracking on slopes to temporarily stabilize soil.
3. Provide equipment with a track undercarriage capable of producing linear soil impressions measuring a minimum of 12" in length by 2" to 4" in width by 1/2" to 2" in depth.
4. Do not exceed 12" between track impressions.
5. Install continuous linear track impressions where the minimum 12" length impressions are perpendicular to the slope or direction of water flow.



3 VERTICAL TRACKING DETAILS
N.T.S.



PROFILE VIEW
N.T.S.

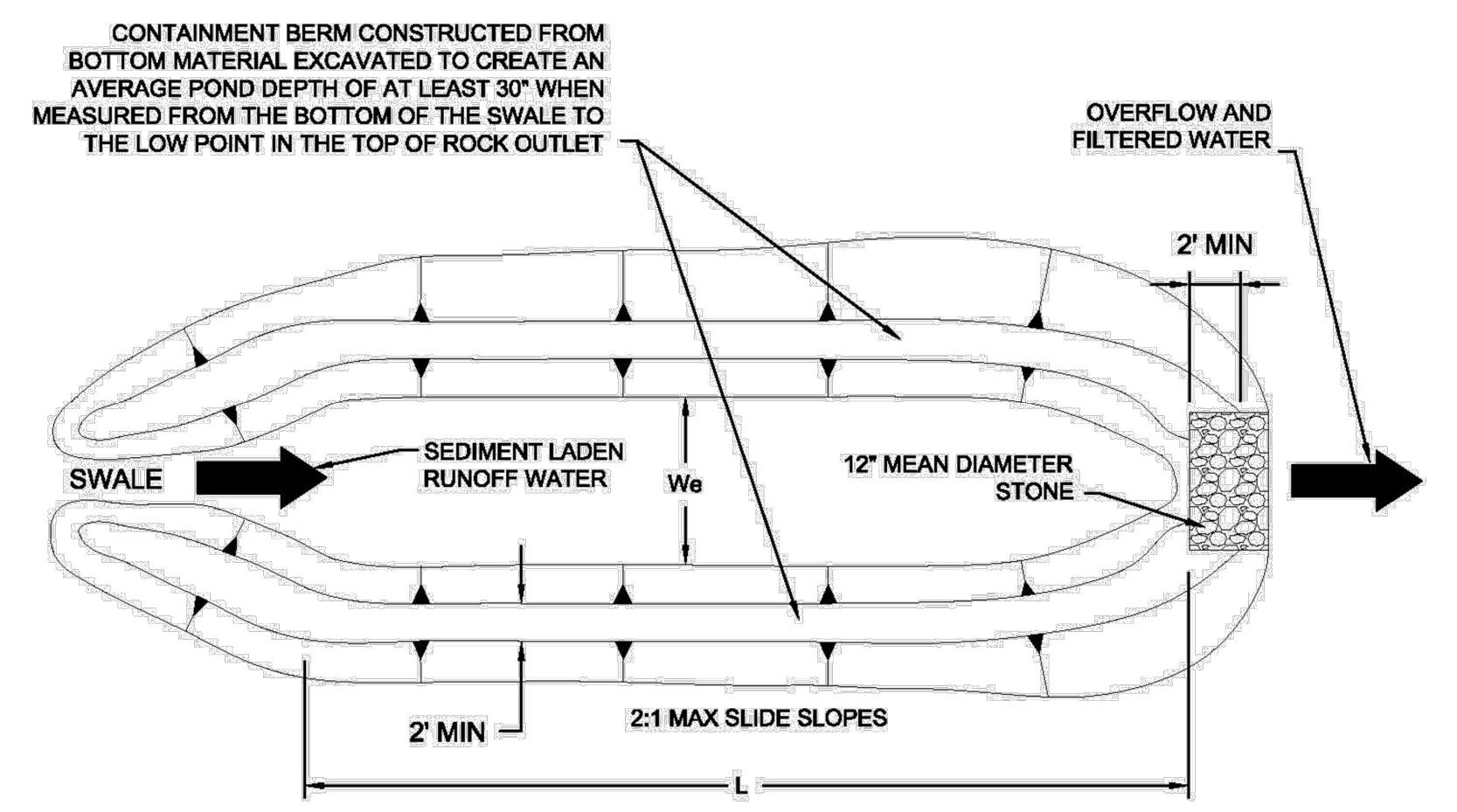


PLAN VIEW
N.T.S.

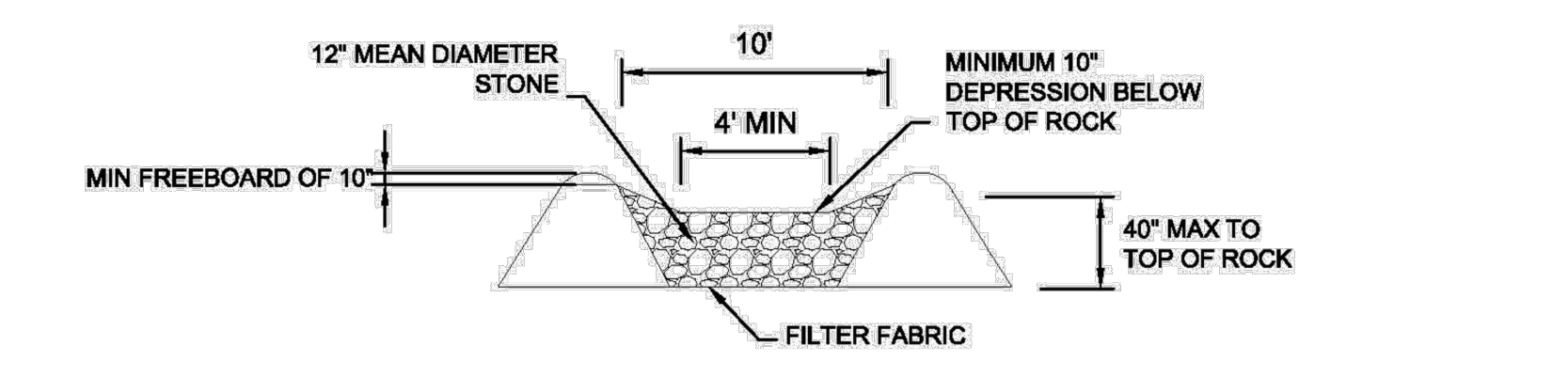
4 STABILIED CONSTRUCTION ENTRANCE DETAILS
N.T.S.

STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:

1. SEE NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.11
2. THE THICKNESS SHALL NOT BE LESS THAN 6 INCHES.
3. STONE SHALL BE 3 TO 5 INCH DIAMETER COURSE AGGREGATE, NO CRUSHED PORTLAND CEMENT CONCRETE ALLOWED.
4. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 50 FEET.
5. THE WIDTH SHALL BE NO LESS THAN 20' FOR SITES LESS THAN 5 AC, AND 30' FOR SITES GREATER THAN 5 AC, AT ALL POINTS OF INGRESS OR EGRESS.
6. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
8. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
9. INSPECTION SHALL BE SPECIFIED IN THE SWPPP.



BERMED STONE OUTLET SEDIMENT TRAP PLAN VIEW
N.T.S.



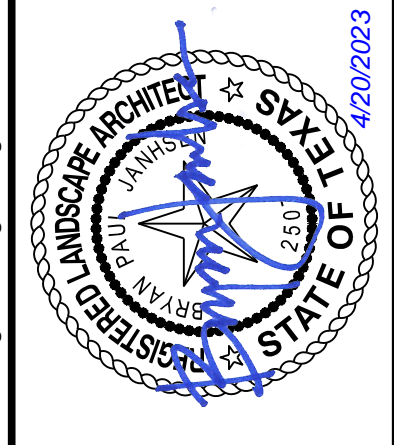
BERMED STONE OUTLET SEDIMENT TRAP SECTION VIEW
N.T.S.

NOTE: ACTUAL DIMENSIONS OF THE SEDIMENT TRAP SHALL BE DESIGNED BASED ON FLOW CONDITIONS AND SITE TOPOGRAPHY. PROVIDE CALCULATIONS THAT DOCUMENT THE FOLLOWING PARAMETER USED TO DESIGN THE TRAP.

TRIBUTARY AREA (ACRES)	L (FT)	We (FT)
< 0.5	59	13
0.51-1.0	82	16
1.01-1.5	102	20
1.51-2.0	118	23
2.01-2.5	131	26
2.51-3.0	144	30
3.01-3.5	154	30
3.51-4.0	167	33
4.01-4.5	177	36
4.51-5.0	187	36

- SIZE OF CONTRIBUTING DRAINAGE AREA
- DESIGN STORM VOLUME AND FLOW RATE AT THE TRAP
- HEIGHT, SLOPE, AND LENGTH OF STONE OUTLET
- STORAGE VOLUME
- EXTENT OF GRADING TO PROVIDE THE CONTROLLED OUTLET

5 BERMED STONE OUTLET SEDIMENT TRAP DETAILS
N.T.S.



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SABINA RIVER AUTHORITY OF TEXAS
SABINETOWN PARK DEVELOPMENT - PHASE 1
CIVIL

EROSION CONTROL DETAILS

NO.	ISSUE	DATE	BY	DESIGNED	DRAWN	REVISED	CHECKED	FILE NAME
0								1-dt-sw3p.dwg

SHEET 5
SEQ.

ISSUED FOR BID