

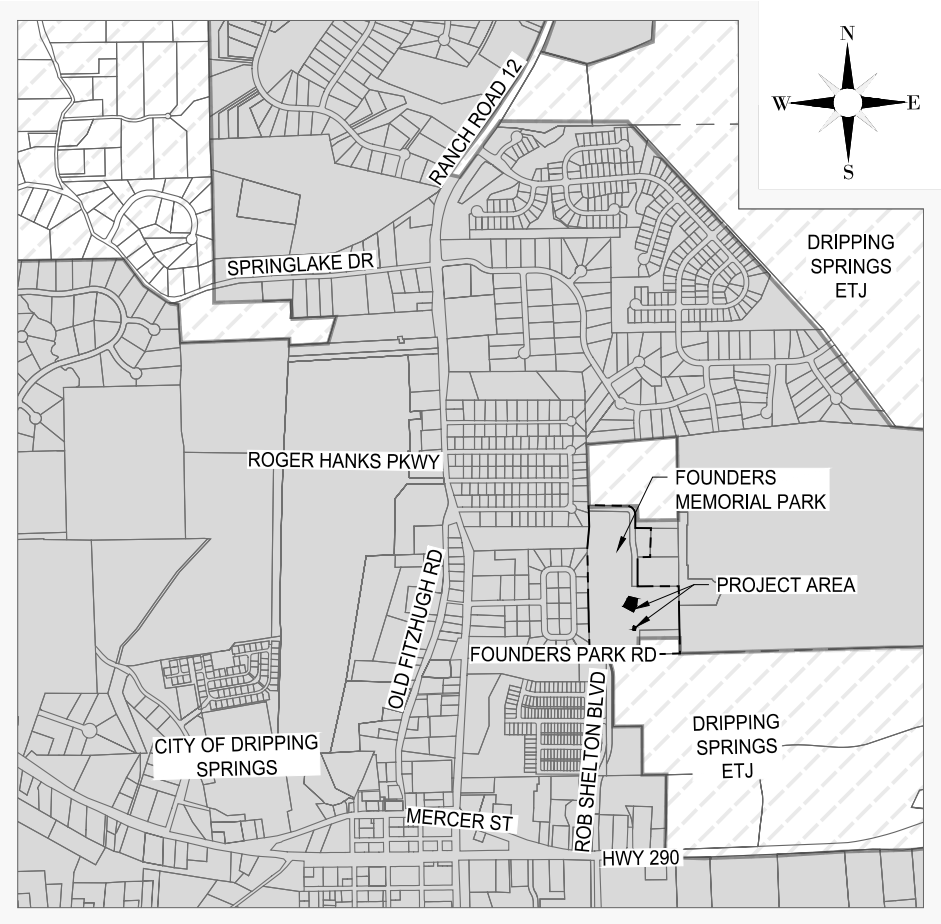
# CONSTRUCTION PLANS

## FOUNDERS MEMORIAL PARK IMPROVEMENTS

JUNE 2025

PROJECT # PARKS-2025-01

BASE BID: REMOVE EXISTING DAMAGED ASPHALT PAVEMENT, INSTALL  
REINFORCED CONCRETE PARKING LOT PAVEMENT AND DUMPSTER SLAB  
ADD ALT 1: DUMPSTER ENCLOSURE STRUCTURE  
ADD ALT 2: CONCRETE POOL DECK EXPANSION  
ADD ALT 3: MISCELLANEOUS PARKING LOT IMPROVEMENTS



SCALE: 1" = 2,000'

PREPARED FOR:

CITY OF DRIPPING SPRINGS, TEXAS



PREPARED BY:



6/25/2025

DANIEL CRYAN, P.E.

DATE

RECOMMENDED BY:

*Chad Gilpin*

CHAD GILPIN, P.E. - CITY ENGINEER

6/25/2025

DATE

APPROVED BY:

SHAWN COX, DEPUTY CITY ADMINISTRATOR

DATE

APPLICABLE BUILDING CODES & ORDINANCES	
ALL CONSTRUCTION SHALL BE GOVERNED BY THE ADOPTED SET OF BUILDING CODES AS LISTED BELOW AND ANY LOCAL AMENDMENTS FOUND IN DRIPPING SPRINGS' TECHNICAL AND CONSTRUCTION STANDARDS AS LISTED IN THE CODES & STANDARDS ARTICLE OF THE CITY CODE OF ORDINANCES	
2018 INTERNATIONAL BUILDING CODE (IBC)	
2018 INTERNATIONAL PLUMBING CODE (IPC)	
2018 INTERNATIONAL FUEL GAS CODE (IFGC)	
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	
2018 INTERNATIONAL FIRE CODE (IFC)	
2023 NATIONAL ELECTRIC CODE (NEC)	
2012 TEXAS ACCESSIBILITY STANDARDS (TAS)	

CONTRACTOR: \_\_\_\_\_

CONSTRUCTION START: \_\_\_\_\_

CONSTRUCTION ACCEPTED: \_\_\_\_\_

TOTAL CONSTRUCTION COST: \_\_\_\_\_

PREPARED BY:



T.B.P.L.S. Firm Registration # 10193770  
T.B.P.E. Firm Registration # F-9266  
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REVISION BLOCK					
NO.	REVISION DESCRIPTION	AFFECTED SHEETS	DATE	APPROVAL SIGNATURE	APPROVAL DATE

- NOTES:
- THIS PROJECT LIES WITHIN THE CITY LIMITS OF DRIPPING SPRINGS, TEXAS.
  - THIS PROJECT LIES WITHIN THE CONTRIBUTING ZONE OF THE EDWARDS AQUIFER.
  - NO PORTION OF THIS PROJECT LIES WITHIN FLOODPLAIN AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 48209C0105G DATED JANUARY 17, 2025 HAYS COUNTY, TEXAS AND INCORPORATED AREAS.
  - CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL SURVEY VERIFICATION REQUIRED TO COMPLETE THE PROJECT.
  - RIGHT-OF-WAY LINES SHOWN HEREON ARE APPROXIMATE.

THESE PLANS ARE FULL SIZE AT 11" X 17"

01 OF 18

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A. GENERAL CONSTRUCTION NOTES

1.

THE CONTRACTOR IS TO CONTACT ONE OF THE FOLLOWING FOR THE LOCATION OF EXISTING FACILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES:
- TEXAS EXCAVATION SAFETY SYSTEM (TESS) 1-800-245-4545

•

TEXAS ONE CALL SYSTEM (TOCS) 1-800-344-8377
2.

PRIOR TO ANY CONSTRUCTION, THE ENGINEER SHALL CONVENE A PRE-CONSTRUCTION CONFERENCE BETWEEN THE CITY, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE.
3.

ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 E. 6TH STREET, AUSTIN, TEXAS.
4.

CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE INCURRED TO EXISTING FACILITIES AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR, AT NO ADDITIONAL COST TO OWNER.
5.

CONTRACTOR TO GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF PUBLIC AND PRIVATE UTILITIES AFFECTED BY HIS OPERATIONS AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
6.

CONTRACTOR TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING EXCESS AND WASTE MATERIAL, INCLUDING METHODS OF HANDLING AND DISPOSAL.
7.

CONTRACTOR TO COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
8.

WHEN UN-LOCATED OR INCORRECTLY LOCATED, A BREAK IN UTILITY LINES, OR OTHER UTILITIES AND SERVICES ARE ENCOUNTERED DURING SITE WORK OPERATIONS, CONTRACTOR SHALL NOTIFY THE APPLICABLE UTILITY COMPANY IMMEDIATELY TO OBTAIN PROCEDURE DIRECTIONS. CONTRACTOR SHALL COOPERATE WITH THE APPLICABLE UTILITY COMPANY IN MAINTAINING ACTIVE SERVICES IN OPERATION.
9.

WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE CITY.
10.

CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS.RECORD SHALL BE KEPT IN AN ONSITE SET OF MARKED-UP RECORD DRAWINGS.
11.

CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS. RE-ESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO OWNER.
12.

CONTRACTOR SHALL STRIP SIX (6) INCHES OF TOPSOIL FROM ALL AREAS SUBJECT TO GRADE MODIFICATION. REMOVE ALL AREAS OF WEAK SOIL.
13.

THE CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. IN THE EVENT THAT A FENCE MUST BE REMOVED, THE CONTRACTOR SHALL REPLACE SAID FENCE OR PORTION THEREOF WITH THE SAME TYPE OF FENCING TO A QUALITY OF EQUAL OR BETTER THAN THE ORIGINAL FENCE.
14.

UPON COMPLETION OF THE PROJECT, THE SITE(S) AS DEFINED HEREIN SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION.
15.

ALL ADJOINING PAVEMENT SECTIONS SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND ANY DAMAGES INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
16.

CONTRACTOR TO CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES (NO SEPARATE PAY).
17.

TRAFFIC CONTROLS TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT TxDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND TxDOT BARRICADE AND CONSTRUCTION STANDARDS.
18.

RE-VEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK PER CITY CONSTRUCTION STANDARDS.
19.

CONTRACTOR TO EXERCISE CAUTION DURING CONSTRUCTION NEAR AND AROUND GAS LINES AND POWER LINES.
20.

ALL WORK IS TO BE PERFORMED BETWEEN THE FOLLOWING HOURS:  
8:00 A.M. TO 5:00 P.M. MONDAY - FRIDAY  
ALL WORK REQUIRING CITY INSPECTION SHALL BE PERFORMED MONDAY THRU FRIDAY. THE CITY RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER ALL WORK PERFORMED WITHOUT INSPECTION.
21.

THE CONTRACTOR SHALL MAKE AN EXAMINATION OF THE PROJECT SITE AND COMPLETELY FAMILIARIZE HIMSELF WITH THE NATURE AND EXTENT OF ANY WORK TO BE ACCOMPLISHED. NO EXTRA COMPENSATION WILL BE ALLOWED FOR ANY WORK MADE NECESSARY BY UNUSUAL CONDITIONS OR OBSTACLES ENCOUNTERED DURING THE PROGRESS OF THE WORK, WHEN SUCH CONDITIONS OR OBSTACLES ARE READILY APPARENT UPON A VISIT TO THE SITE. IF THERE ARE ANY QUESTIONS OF THIS REGARD OR IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE SUBMISSION OF BIDS.
22.

IN THOSE CASES WHERE FIXED FEATURES REQUIRE, THE DESIGN SLOPES INDICATED HEREIN AND ON THE CROSS SECTIONS MAY BE MODIFIED IN THE FIELD AS DETERMINED BY THE CITY IF EXISTING

CONDITIONS SO REQUIRE.

23.

ACCESS TO RESIDENCES, BUSINESSES, AND DRIVEWAYS ALONG THE PROJECT MUST RECEIVE PRIORITY BY THE CONTRACTOR.
24.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF HIS MATERIALS AND EQUIPMENT FROM THEFT, VANDALISM, ANIMALS, FIRE, ETC. WHILE SAID MATERIALS AND EQUIPMENT ARE ON THE PROJECT, WHETHER STORED OR INSTALLED IN PLACE, UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY.

B. ENVIRONMENTAL NOTES

1.

THE CONTRACTOR TO INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, GRADING, OR EXCAVATION). CONTRACTOR TO REMOVE EROSION/SEDIMENTATION CONTROLS AT THE COMPLETION OF THE PROJECT AND GRASS RESTORATION.
2.

THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS TO BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3.

ALL DISTURBED AREAS TO BE RESTORED UPON COMPLETION OF CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR RE-VEGETATION ACTIVITIES. ALL MATERIALS AND LABOR SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
4.

RESTORATION TO BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1-1/2 INCHES HIGH WITH 85% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 25 SQUARE FEET EXIST.
5.

A MINIMUM OF FOUR (4) INCHES OF TOPSOIL TO BE PLACED IN ALL AREAS DISTURBED BY CONSTRUCTION.
6.

THE CONTRACTOR TO SEED, SOD OR HYDROMULCH ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL IRRIGATION WATER REQUIRED TO ESTABLISH GRASS TO THE REQUIRED 85% COVERAGE.
7.

EROSION AND SEDIMENTATION CONTROLS TO BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIPLINE.
8.

TO AVOID SOIL COMPACTION, CONTRACTOR SHALL NOT ALLOW VEHICULAR TRAFFIC, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS IN THE TREE DRIPLINE AREAS.
9.

WHERE A FENCE IS CLOSER THAN FOUR (4) FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF EIGHT (8) FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE FENCING.
10.

TREES TO BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
11.

ANY ROOT EXPOSED BY THE CONSTRUCTION ACTIVITY TO BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH GOOD QUALITY TOPSOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO DAYS, COVER THEM WITH ORGANIC MATTER IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
12.

CONTRACTOR TO PRUNE VEGETATION TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND EQUIPMENT BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.) ALL FINISHED PRUNING TO BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE **"NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES"**.
13.

THE CONTRACTOR IS TO INSPECT THE CONTROLS AT WEEKLY INTERVALS AND AFTER EVERY RAINFALL EXCEEDING ¼ INCH TO VERIFY THAT THEY HAVE NOT BEEN SIGNIFICANTLY DISTURBED. ANY ACCUMULATED SEDIMENT AFTER A SIGNIFICANT RAINFALL TO BE REMOVED AND PLACED IN THE OWNER DESIGNATED SPOIL DISPOSAL.

C. EROSION & SEDIMENT CONTROL - SEQUENCE OF CONSTRUCTION:

1.

TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE TO BE INSTALLED AS INDICATED ON THE APPROVED SITE PLAN CONSTRUCTION PLAN AND IN ACCORDANCE WITH THE EROSION SEDIMENTATION CONTROL PLAN (ESC) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT IS REQUIRED TO BE POSTED ON THE SITE. INSTALL TREE PROTECTION, INITIATE TREE MITIGATION MEASURES AND CONDUCT "PRE - CONSTRUCTION" TREE FERTILIZATION (IF APPLICABLE).
2.

THE ENVIRONMENTAL PROJECT MANAGER, AND/OR SITE SUPERVISOR, AND/OR DESIGNATED RESPONSIBLE PARTY, AND THE GENERAL CONTRACTOR WILL FOLLOW THE EROSION SEDIMENTATION CONTROL PLAN (ESC) AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) POSTED ON THE SITE. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE REVISED, IF NEEDED, TO COMPLY WITH CITY INSPECTORS' DIRECTIVES, AND REVISED CONSTRUCTION SCHEDULE RELATIVE TO THE WATER QUALITY PLAN REQUIREMENTS AND THE EROSION PLAN.
3.

THE TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE EROSION SEDIMENTATION CONTROL PLAN (ESC) AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) POSTED ON THE SITE.
4.

BEGIN SITE CLEARING/CONSTRUCTION (OR DEMOLITION) ACTIVITIES.
5.

COMPLETE CONSTRUCTION AND START RE-VEGETATION OF THE SITE AND INSTALLATION OF LANDSCAPING.
6.

AFTER A FINAL INSPECTION HAS BEEN CONDUCTED BY THE CITY INSPECTOR AND WITH APPROVAL FROM THE CITY INSPECTOR, REMOVE THE TEMPORARY EROSION AND SEDIMENTATION CONTROLS AND COMPLETE ANY NECESSARY FINAL RE-VEGETATION RESULTING FROM REMOVAL OF THE CONTROLS. CONDUCT ANY MAINTENANCE AND REHABILITATION OF THE WATER QUALITY PONDS OR CONTROLS.

D. STREET AND DRAINAGE NOTES:

1.

ALL TESTING SHALL BE DONE BY AN INDEPENDENT LABORATORY AT THE CITY'S EXPENSE. ANY RETESTING SHALL BE PAID FOR BY THE CONTRACTOR. A CITY INSPECTOR SHALL BE PRESENT DURING ALL TESTS. TESTING SHALL BE COORDINATED WITH THE CITY INSPECTOR AND HE SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY TESTING.
2.

DEPTH OF COVER FOR ALL CROSSINGS UNDER PAVEMENT INCLUDING GAS, ELECTRIC, TELEPHONE, CABLE TV, WATER SERVICES, ETC., SHALL BE A MINIMUM OF 30" BELOW SUBGRADE UNLESS OTHERWISE SPECIFIED ON THE PLAN
3.

ALL R.C.P. SHALL BE MINIMUM CLASS IV UNLESS OTHERWISE NOTED ON THE PLANS.

E. TRAFFIC CONTROL SEQUENCE OF CONSTRUCTION NARRATIVE:

1.

PROPOSED PARKING LOT IMPROVEMENTS SHALL BE CONSTRUCTED IN PHASES AS SHOWN ON THE TRAFFIC CONTROL PLAN SHEETS TO PROVIDE TWO-WAY VEHICULAR ACCESS TO THE PARKING AREAS NORTH AND SOUTH OF THE PROPOSED LIMITS OF CONSTRUCTION FOR THE ENTIRE DURATION OF CONSTRUCTION ACTIVITIES.
2.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ALL DRIVEWAYS AND PARK FACILITIES AT ALL TIMES UNLESS PRIOR APPROVAL IS OBTAINED FROM THE CITY ENGINEER.
3.

CONTRACTOR MAY CHOOSE TO PROVIDE AN ALTERNATIVE TRAFFIC CONTROL PLAN AT THEIR OWN EXPENSE. ANY DEVIATIONS FROM THE TRAFFIC CONTROLS SHOWN IN THIS PLAN SET SHALL BE REVIEWED AND APPROVED BY THE CITY'S ENGINEER PRIOR TO IMPLEMENTING ANY OF THE ALTERNATIVE CONTROLS OR PHASING PLANS.
4.

INSTALL ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL DEVICES PRIOR TO IMPLEMENTING TRAFFIC CONTROL PLANS.
5.

INSTALL ADVANCE WARNING SIGNS, BARRICADES, AND CHANNELIZING DEVICES IN ACCORDANCE WITH THE PLANS AND TXMUTCD STANDARDS.
6.

CONSTRUCT THE PHASE 1 TEMPORARY DETOUR PAVEMENT AREAS SHOWN PER PLANS. (REFER TO NOTES RELATED TO TxDOT ITEM 508 - CONSTRUCTING DETOURS ON THE SCHEDULE OF QUANTITIES PLAN SHEET G-03 FOR ADDITIONAL INFORMATION RELATED TO TEMPORARY DETOUR PAVEMENT REQUIREMENTS; REFER TO TEMPORARY DETOUR PAVEMENT SECTION DETAIL ON TRAFFIC CONTROL PLAN SHEETS C-06 & C-07).
7.

SHIFT TRAFFIC TO TWO-LANE, TWO-WAY OPERATIONS ON THE EAST SIDE OF THE PHASE 1 WORK AREA. CONSTRUCT THE CONCRETE PAVEMENT WITHIN THE PHASE 1 WORK AREA.
8.

SHIFT TRAFFIC TO TWO-LANE, TWO-WAY OPERATIONS ON THE NEWLY CONSTRUCTED CONCRETE PAVEMENT AND TO THE WEST OF THE PHASE 2 WORK AREA.
9.

CONSTRUCT THE CONCRETE PAVEMENT AND CONCRETE DUMPSTER SLAB WITHIN THE PHASE 2 WORK AREA. INSTALL PAVEMENT MARKINGS AND SIGNS AS SHOWN ON THE PLANS. IF REQUIRED, ALLOW FOR 7 DAYS FOR THE TY II PAVEMENT MARKINGS TO CURE PRIOR TO INSTALLING TY I MARKINGS.
10.

RE-OPEN THE EXISTING PARKING LOT TO EXISTING TRAFFIC OPERATIONS AS SOON AS POSSIBLE UPON COMPLETION OF PAVEMENT OPERATIONS, AS APPROVED BY THE ENGINEER, WHILE WORK IN OTHER AREAS IS COMPLETED (INCLUDING DUMPSTER ENCLOSURE WORK, IF SELECTED FOR AWARD).
11.

TRAFFIC CONTROLS SHOWN WITHIN THESE PLANS ARE A MINIMUM REQUIREMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL SIGNS, BARRICADES, FLAGMEN OR OTHER TRAFFIC CONTROL DEVICES AS NECESSARY FOR THE SAFETY OF THE PUBLIC, CONSTRUCTION WORKERS, AND CITY STAFF. ALL TRAFFIC CONTROL DEVICES SHALL BE COMPLIANT WITH THE CURRENT TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

GILPIN

ENGINEERING COMPANY

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127112

LICENSED PROFESSIONAL ENGINEER

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OR THE DESIGNS REPRESENTED THEREIN WILL  
SUBJECT THE INFRINGER TO DAMAGES AND/OR  
JUDICIAL ACTION AS PROVIDED BY FEDERAL LAW.

REVISIONS:

NO.	REVISION	DATE

DATE:

6/25/2025

DRAWN BY:

DC

CHECKED BY:

CG

PROJ #:

PARKS-2025-01

ds

DRIPPING SPRINGS

Texas

PROJECT:

FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: G-02

GENERAL  
NOTES

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SCHEDULE OF QUANTITIES:

TXDOT SPEC	HAYS COUNTY SPEC	CITY OF AUSTIN SPEC	ITEM DESCRIPTION	UNITS	BASE BID	ADD ALT 1	ADD ALT 2	ADD ALT 3	COMBINED PROJECT TOTALS
					CONCRETE PAVEMENT & DUMPSTER SLAB	DUMPSTER ENCLOSURE	POOL DECK SLAB	MISC PARKING LOT IMPROVEMENTS	
					QTY	QTY	QTY	QTY	TOTAL QTY
ITEM 105			RMV (10-14") TRT/UNTRT BASE & ASPH PAV	SY	311				311
	1.04		EXCAVATION	CY	16		15		31
	1.04		SUBGRADE PREPARATION	SY	44				44
	1.03		EMBANKMENT (ON-SITE FILL)	CY	16		5		15
ITEM 164			HYDRO MULCH SEED (PERM_RURAL_CLAY)	SY	459		60		519
ITEM 247			CONC PAVEMENT BASE: FLEX BASE (CMP IN PLC)(TY A GR 1-2)(FINAL POS)	CY	38				38
ITEM 247			SLAB SELECT FILL: FLEX BASE (CMP IN PLC)(TY A OR C, GR 1-2 OR 3, MAX PI 20)(FINAL POS)	CY	6		3		9
ITEM 360			CONC PVMT (CONT REINF - CRCP) (7") (4,000 PSI)	SY	321				321
ITEM 420			CONCRETE DUMPSTER SLAB (4,000 PSI)	CY	10				10
ITEM 420			CONCRETE POOL DECK SLAB (3,500 PSI)	CY			12		12
ITEM 432			RIPRAP (STONE COMMON)(DRY)(12 IN)	CY			1		1
PLAN DETAIL			BOLLARD	EA	4				4
PLAN DETAIL			DUMPSTER ENCLOSURE SCREEN WALL	LF		38			252
PLAN DETAIL			DUMPSTER ENCLOSURE GATE	LS		1			1
ITEM 500			MOBILIZATION	LS	1	1	1	1	4
ITEM 502			BARRICADES, SIGNS, AND TRAFFIC HANDLING	MO	2.00	0.25			2.25
ITEM 506			TEMP SEDMT CONT FENCE (INSTALL)	LF	192		68		260
ITEM 506			TEMP SEDMT CONT FENCE (REMOVE)	LF	192		68		260
ITEM 508			CONSTRUCTING DETOURS	SY	239				239
		510.2(5)	CRUSHED GRANITE (#7 AASHTO)	SY			17		17
		510-AR-4	PIPE, 4" DIA, PVC SCHED 40, (ALL DEPTHs), INCLUDING EXCAVATION & BACKFILL	LF			34		34
PLAN DETAIL			REMOVE AND INSTALL EXISTING METAL FENCE & GATE	LS			1		1
ITEM 666			REFL PAV MRK TY II (W) 4"(SLD)	LF	173				173
PLAN DETAIL			SPEED BUMP	LF				72	72

NOTES RELATED TO PAY ITEMS AND SPECIFICATIONS

WHERE HAYS COUNTY SPECIFICATIONS FOR ROADWAY DESIGN, PAVING AND DRAINAGE ARE IN CONFLICT WITH TXDOT SPECIFICATIONS LISTED ABOVE HAYS COUNTY SPECIFICATIONS SHALL SUPERSEDE. WHERE ADDITIONAL INFORMATION PROVIDED BELOW CONFLICTS WITH EITHER THE TXDOT OR HAYS COUNTY SPECIFICATIONS THE INFORMATION BELOW SHALL SUPERSEDE.

HAYS COUNTY ITEM 1.04 - EXCAVATION

THIS ITEM IS FULL COMPENSATION FOR AUTHORIZED EXCAVATION; DRYING; UNDERCUTTING SUBGRADE IN ROCK CUTS AND REWORKING OR REPLACING THE UNDERCUT MATERIAL; HAULING; DISPOSAL OF MATERIAL NOT USED ELSEWHERE ON THE PROJECT; SCARIFICATION AND COMPACTION; AND EQUIPMENT, LABOR, MATERIALS, TOOLS AND INCIDENTALS.

TXDOT ITEM 0164 - HYDROMULCH SEED

SEED MIX SHALL BE NATIVE TRAIL MIX BY NATIVE AMERICAN SEED (HTTPS://SEEDSOURCE.COM/NATIVE-TRAIL-MIX/). SEED SHALL BE APPLIED AT THE RATE RECOMMENDED BY SEED MANUFACTURER.

THERE WILL BE NO SEPARATE PAY ITEM FOR WATERING OR TEMPORARY IRRIGATION NECESSARY TO ESTABLISH RE-VEGETATION. ALL IRRIGATION WATER REQUIRED FOR THE ESTABLISHMENT OF 85% VEGETATIVE COVER SHALL BE SUBSIDIARY TO THIS PAY ITEM.

THERE WILL BE NO SEPARATE PAY ITEM FOR FURNISHING AND PLACING TOPSOIL. ON-SITE EXCAVATED SOILS OR ON-SITE SOIL STOCKPILES MAY BE USED FOR TOPSOIL, DRIVEWAY AND PARKING LOT EMBANKMENT PURPOSES UPON APPROVAL OF THE ENGINEER. FOR THE PURPOSES OF ESTABLISHING VEGETATION IN AREAS SHOWN ON PLANS THE CONTRACTOR HAS THE OPTION OF USING ON-SITE SOILS OR BRINGING IN OFF-SITE TOPSOIL (UPON APPROVAL OF THE ENGINEER). THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING VEGETATION TO ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES.

TXDOT ITEM 502 - BARRICADES, SIGNS AND TRAFFIC HANDLING

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL BARRICADES, SIGNS, CHANNELIZING DEVICES, TEMPORARY PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES AS NECESSARY TO ENSURE THE SAFETY OF ALL WORKERS AND PARK VISITORS THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES.

NO ADDITIONAL TIME WILL BE PROVIDED IF ADD ALTERNATES 2 AND/OR 3 ARE SELECTED FOR CONSTRUCTION. CONTRACTOR SHALL SCHEDULE WORK ACTIVITIES TO OCCUR IN A TIMELY MANNER TO MINIMIZE THE OVERALL CONSTRUCTION DURATION.

TXDOT ITEM 506 - TEMPORARY SEDIMENT CONTROL FENCE

CONTRACTOR MAY ELECT TO USE SILT FENCE OR EROSION CONTROL LOGS (12" MIN), UPON THE APPROVAL OF THE CITY ENGINEER.

TXDOT ITEM 508 - CONSTRUCTING DETOURS

CONTRACTOR MAY USE EXISTING HMAC MILLINGS STOCKPILED IN THE CITY'S MAINTENANCE YARD FOR TEMPORARY DETOUR PAVEMENT SURFACE. CONTRACTOR SHALL COORDINATE WITH THE CITY'S MAINTENANCE DIRECTOR. CONTRACTOR WILL BE RESPONSIBLE FOR LOADING, HAULING, PLACING AND SHAPING MILLINGS MATERIALS. ALL MATERIALS BORROWED FROM THE CITY'S MAINTENANCE YARD SHALL BE REMOVED FROM THE PARK PROPERTY UPON COMPLETION OF THE WORK AND RETURNED IN A SIMILAR CONDITION FROM WHERE IT CAME AT NO ADDITIONAL EXPENSE TO THE OWNER, OR HAULED AND DISPOSED BY THE CONTRACTOR IF REQUESTED BY THE CITY'S MAINTENANCE DIRECTOR.

TXDOT ITEM 678 - PAVEMENT SURFACE PREPARATION FOR MARKINGS

NO SEPARATE PAYMENT WILL BE MADE FOR PAVEMENT SURFACE PREPARATION, THIS IS SUBSIDIARY TO APPLICABLE BID ITEMS.

GENERAL NOTE:

REFER TO THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT FOR ADDITIONAL INFORMATION REGARDING SITE PREPARATION, EXCAVATION, GENERAL AND SELECT FILL MATERIALS, FLEXIBLE BASE, AND PAVEMENT REQUIREMENTS.



T.B.P.L.S. Firm Registration # 10193770  
T.B.P.E. Firm Registration # F-9266  
9701 BRODIE LANE #203  
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PH: 512.220.8100



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NO.	REVISION	DATE

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DIPPING SPRINGS  
Texas

PROJECT:

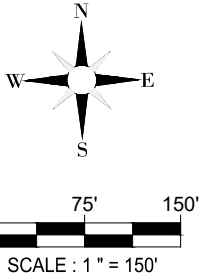
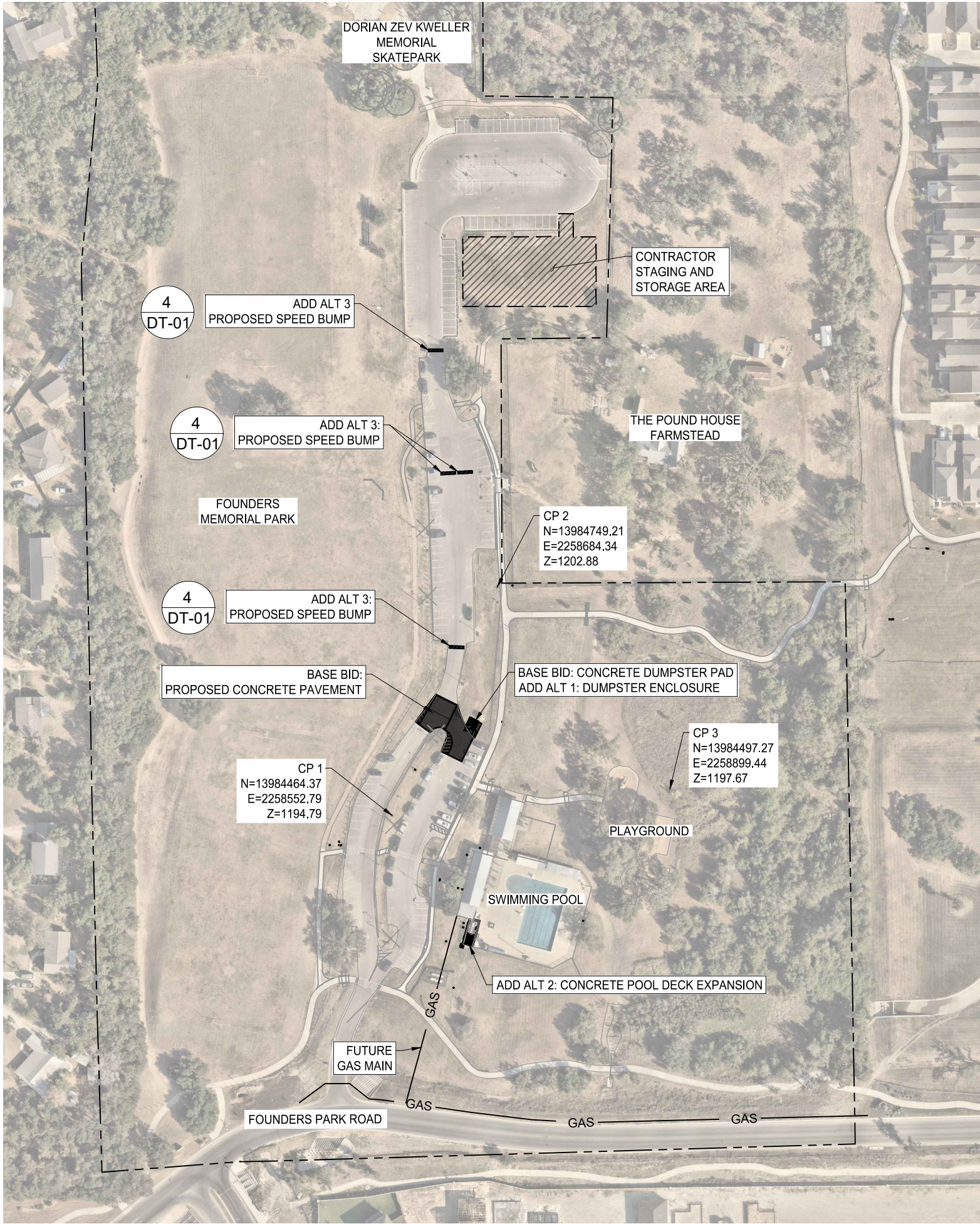
FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: G-03

SCHEDULE OF  
QUANTITIES



G:\PROJECTS\DS-CITY ENGINEERING\CITY PROJECTS\SPARKS 2025-01\_Founders\CAD\Sheet\FOUNDERS\SPARKS-2025-01\_FOUNDERS.dwg



LEGEND

- APPROXIMATE PARCEL BOUNDARIES
- PARK BOUNDARY
- LOC LIMITS OF CONSTRUCTION
- GAS EXISTING GAS MAIN
- EX-WWL EXISTING WASTE WATER MAIN

- NOTES:
- CONTRACTOR TO RE-VEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK IN COMPLIANCE WITH THE ENVIRONMENTAL NOTES AND SPECIFICATIONS IN THESE DOCUMENTS.
  - CONTRACTOR SHALL ADJUST TO PROPOSED FINISHED GRADE ALL EXISTING VALVES, MANHOLES, MANHOLE COVERS, CLEANOUTS, INLET COVERS AND/OR ANY OTHER OBJECTS WITHIN THE PROJECT AREA, IF APPLICABLE.
  - CONTRACTOR SHALL SAW-CUT AND/OR ADJUST EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH AND CONTINUOUS TRANSITION GRADE.
  - THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT BOTH OVERHEAD AND UNDERGROUND UTILITIES EXIST IN THE VICINITY OF THE CONSTRUCTION AREA. THE EXACT LOCATION OF UNDERGROUND UTILITIES IS NOT CERTAIN. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE AREA UTILITY COMPANIES FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OR COMMENCING ANY WORK SO AS TO PREVENT ANY DAMAGE OR INTERFERENCE WITH PRESENT UTILITIES.
  - THE CONTRACTOR SHALL PROTECT ALL AREAS OF THE PARK PROPERTY WHICH ARE NOT INCLUDED IN THE ACTUAL LIMITS OF THE PROPOSED CONSTRUCTION FROM DESTRUCTION. CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO TREES, VEGETATION AND OTHER NATURAL SURROUNDINGS. THE CONTRACTOR, AT HIS EXPENSE, SHALL RESTORE ANY AREAS DISTURBED AS A RESULT OF THEIR OPERATIONS TO A CONDITION AS GOOD AS, OR BETTER THAN, THAT PRESENT PRIOR TO CONSTRUCTION.
  - A PRE-CONSTRUCTION MEETING WITH THE CITY ENGINEER AND CONTRACTOR IS REQUIRED PRIOR TO ANY SITE DISTURBANCE.
  - THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY OBSTACLES THAT MAY IMPEDE OR PREVENT THE PROPER CONSTRUCTION OF THE PROJECT.
  - CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROLS AS NEEDED TO PREVENT THE MIGRATION OF SEDIMENT DOWNSTREAM INTO EXISTING INFRASTRUCTURE OR ONTO ADJACENT PROPERTIES.
  - SAWCUTTING SHALL BE SUBSIDIARY TO APPLICABLE BID ITEMS.



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PROJ #: PARKS-2025-01		



PROJECT:

FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

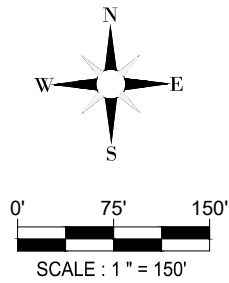
SHEET TITLE: C-01

SITE PLAN

4 OF 18



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LEGEND

- PARK BOUNDARY
- LOC — LIMITS OF CONSTRUCTION
- ECL — SILT FENCE / EROSION CONTROL LOG
- [Hatched Box] PROPOSED RESEEDING
- 1173----- EXISTING 1-FT CONTOUR

NOTES:

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- CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROLS AS NEEDED TO PREVENT THE MIGRATION OF SEDIMENT DOWNSTREAM INTO EXISTING INFRASTRUCTURE OR ONTO ADJACENT PROPERTIES.
- TOTAL LIMITS OF CONSTRUCTION IS APPROXIMATELY 3,873.45 SF = 0.09 AC
- RE-VEGETATION TO BE ESTABLISHED AT 85% COVERAGE AND COMPLETED PER ITEM 164 SPECIFICATION.



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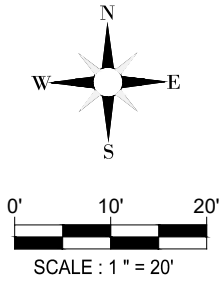
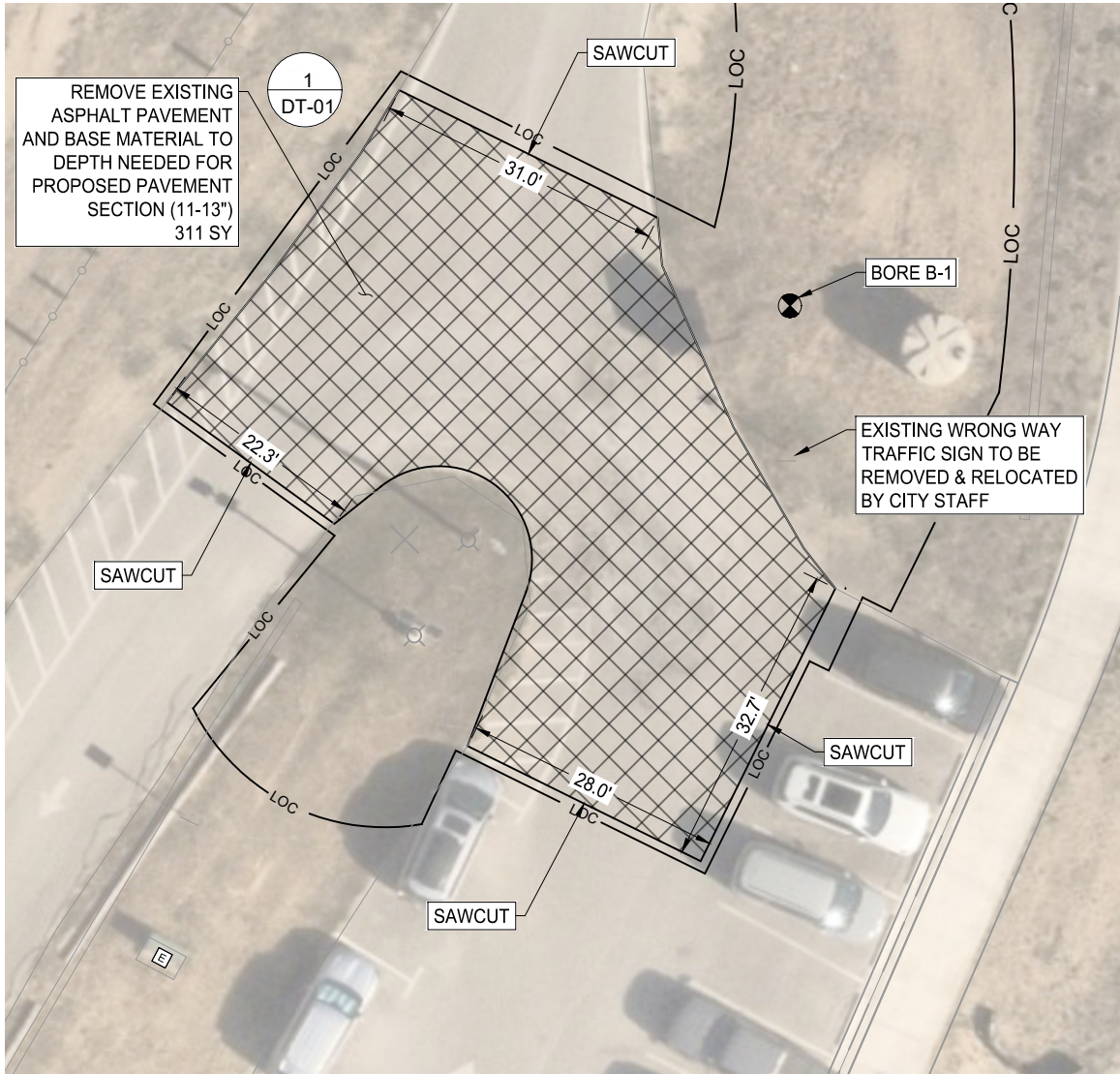
PROJECT:

FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: C-02

EROSION &  
SEDIMENTATION  
CONTROL PLAN





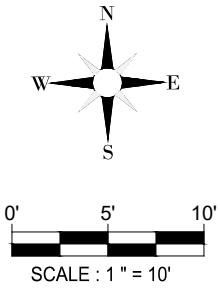
LEGEND

- DEMO EXIST ASPHALT
- SAWCUT LINE
- EXIST EDGE OF PAVEMENT
- GEOTECHNICAL BORE (SEE GEOTECH REPORT)
- LOC LIMITS OF CONSTRUCTION
- GAS EXISTING GAS MAIN
- EX-WWL EXISTING WASTE WATER MAIN

BASE BID:  
EXISTING CONDITIONS & DEMO PLAN

NOTES:

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ADD ALT 2:  
POOL DECK EXPANSION  
EXISTING CONDITIONS & DEMO PLAN

LEGEND

- EXIST EDGE OF CONCRETE
- LOC LIMITS OF CONSTRUCTION
- EXIST FENCE TO REMAIN

**GILPIN**  
ENGINEERING COMPANY  
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T.B.P.E. Firm Registration # F-9266  
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**Daniel Cryan**  
127112  
LICENSED PROFESSIONAL ENGINEER  
6/25/2025

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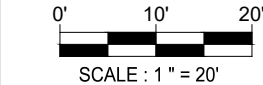
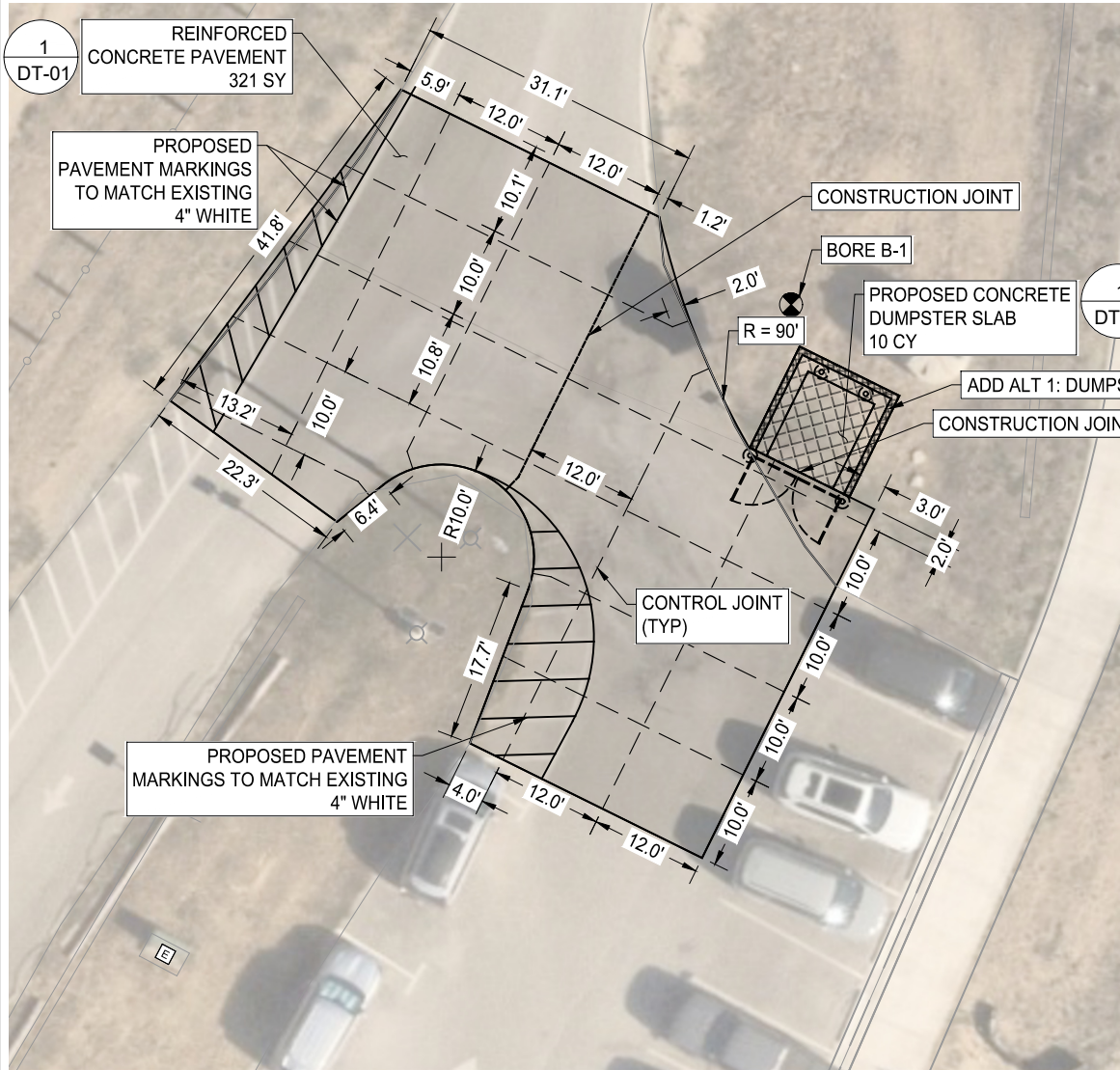
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FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: C-03

EXISTING & DEMO  
PLAN





CONCRETE PAVING AND DUMPSTER SLAB PLAN

LEGEND

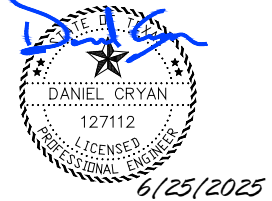
- REINFORCED CONCRETE PAVEMENT (1 DT-01)
- CONCRETE DUMPSTER SLAB (1 DT-02)
- ADD ALT 1: DUMPSTER ENCLOSURE SCREEN WALL (6 DT-02)
- ADD ALT 1: DUMPSTER ENCLOSURE GATE (5 DT-02)
- SAWCUT LINE
- CONTROL JOINT (2 DT-01)
- EXIST EDGE OF PAVEMENT
- GEOTECHNICAL BORE (SEE GEOTECH REPORT)

NOTES:

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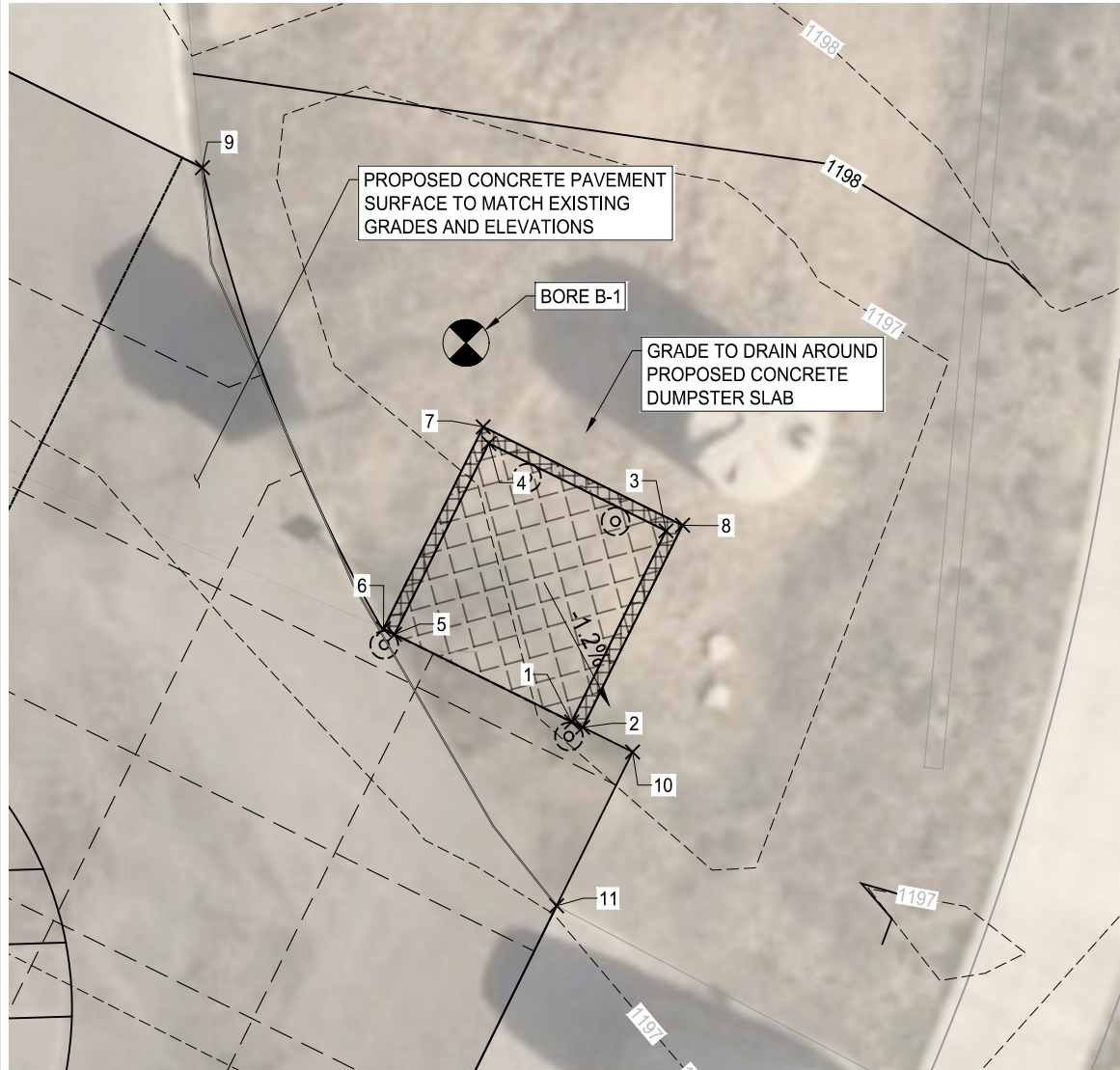
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PROJECT:  
  
FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

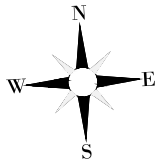
SHEET TITLE: C-04  
  
CONCRETE PAVING  
AND DUMPSTER  
SLAB PLAN





PROPOSED DUMPSTER SLAB GRADING PLAN

DUMPSTER SLAB GRADING POINTS						
POINT #	POINT DESCRIPTION	NORTHING	EASTING	EXISTING GROUND ELEVATION	PROPOSED FINISHED GRADE ELEVATION	PROPOSED TOP OF CURB ELEVATION
1	TOP OF PAVEMENT/SLAB/CURB	13,984,570.7878	2,258,655.0526	1,196.97	1,197.19	1,197.69
2	TOP OF PAVEMENT/CURB	13,984,570.4927	2,258,655.6504	1,196.97	1,197.19	1,197.69
3	TOP OF SLAB/CURB	13,984,581.0994	2,258,660.1439	1,196.70	1,197.28	1,197.69
4	TOP OF SLAB/CURB	13,984,585.8218	2,258,650.5796	1,196.92	1,197.38	1,197.69
5	TOP OF PAVEMENT/SLAB/CURB	13,984,575.5102	2,258,645.4882	1,197.25	1,197.27	1,197.69
6	TOP OF PAVEMENT/CURB	13,984,575.8054	2,258,644.8905	1,197.27	1,197.27	1,197.69
7	FG/ TOP OF CURB	13,984,586.7147	2,258,650.2770	1,196.91	1,197.38	1,197.69
8	FG/ TOP OF CURB	13,984,581.4020	2,258,661.0368	1,196.68	1,197.28	1,197.69
9	EXIST/PROP EOP	13,984,600.7063	2,258,635.1154	1,197.77	1,197.77	N/A
10	PROP EDGE OF PAVEMENT	13,984,569.1643	2,258,658.3404	1,196.95	1,197.17	N/A
11	EXIST/PROP EOP	13,984,560.8599	2,258,654.2399	1,197.03	1,197.03	N/A

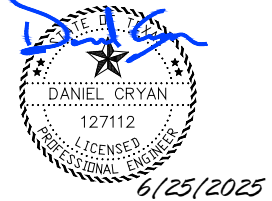


LEGEND

- CONCRETE PAVEMENT
- CONCRETE DUMPSTER SLAB
- EXIST 1-FT CONTOUR
- PROP 1-FT CONTOUR
- EXIST EDGE OF PAVEMENT
- GEOTECHNICAL BORE (SEE GEOTECH REPORT)



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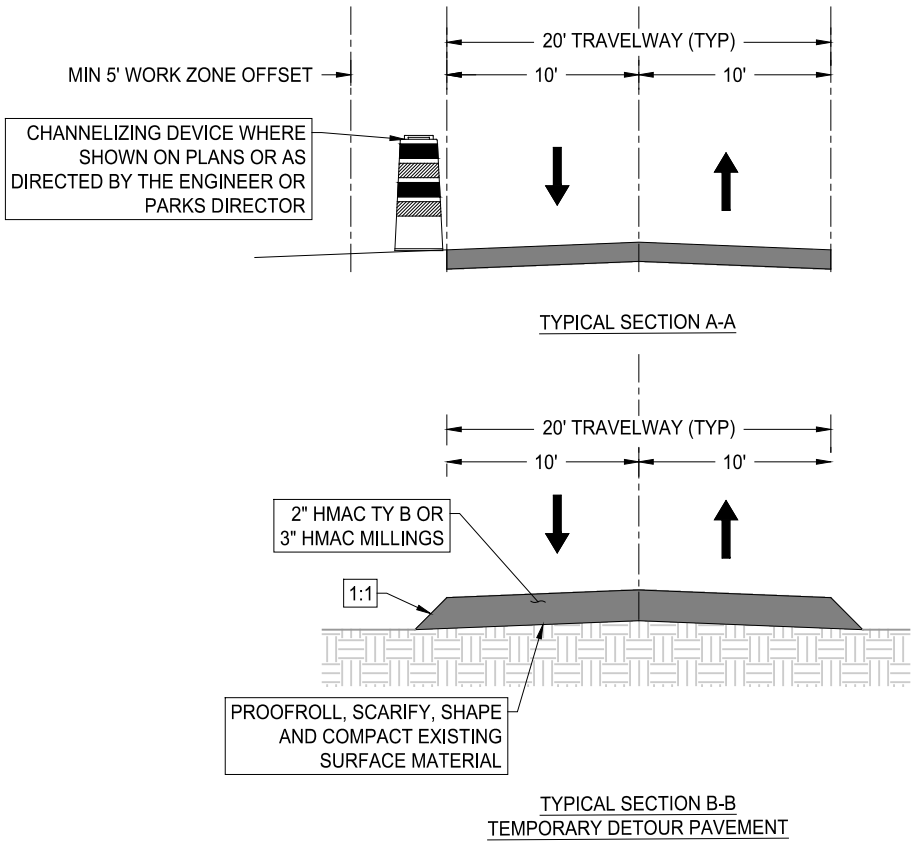
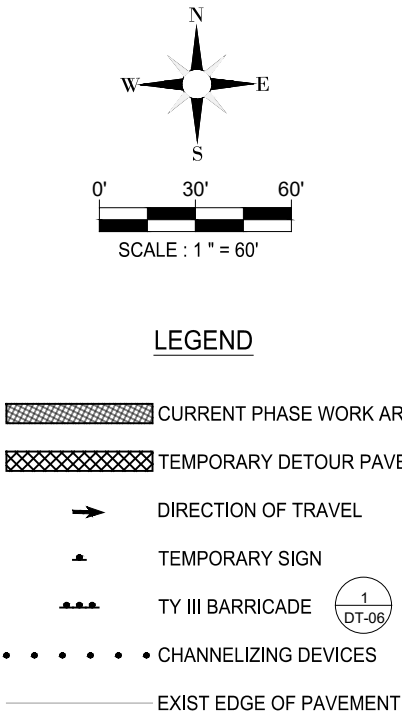
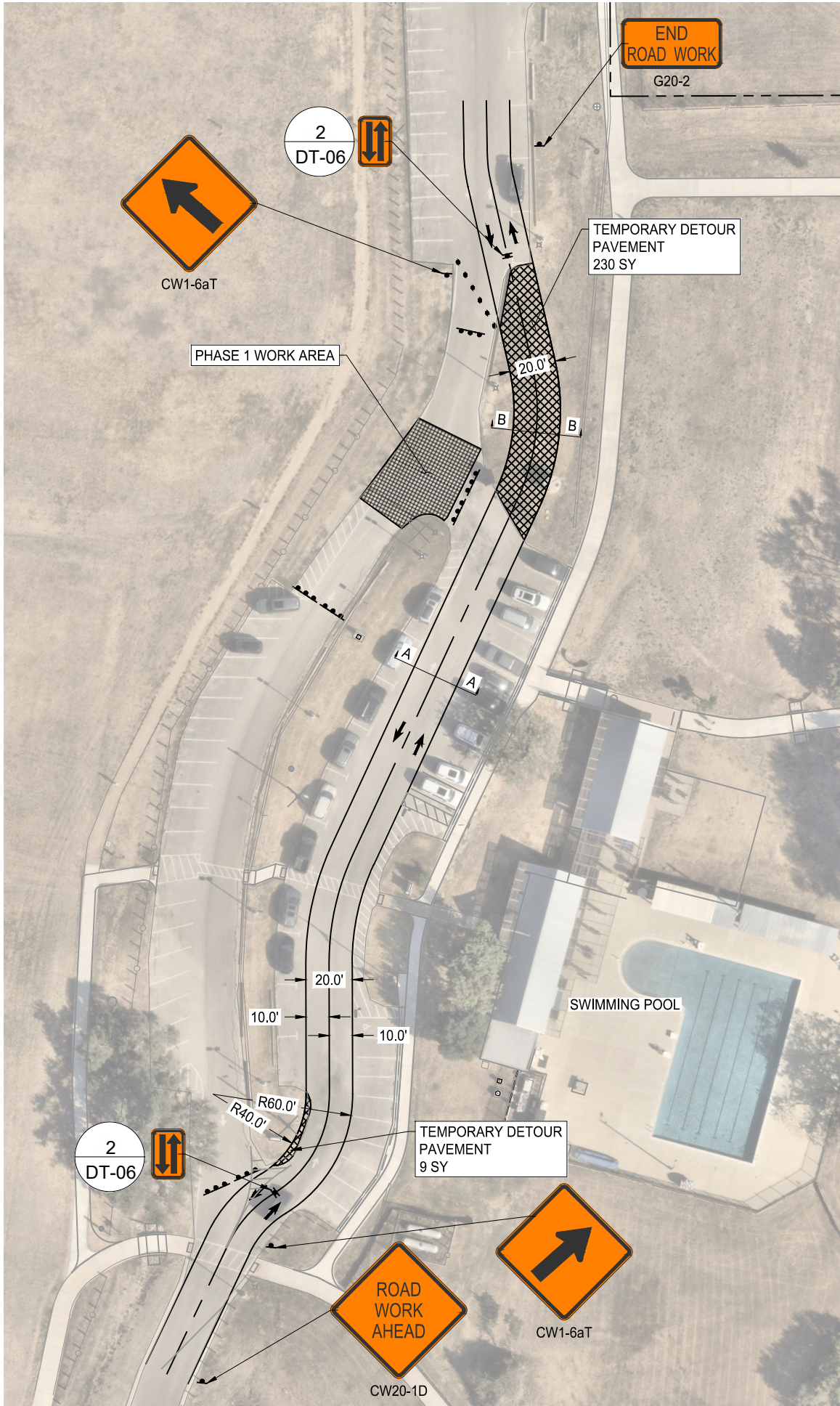
DIPPING SPRINGS  
Texas

PROJECT:  
  
FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: C-05  
  
GRADING PLAN



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ENGINEERING COMPANY

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*DATE*

DANIEL CRYAN  
127112  
LICENSED PROFESSIONAL ENGINEER  
6/25/2025

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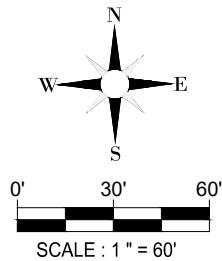
PROJECT:

FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: C-06

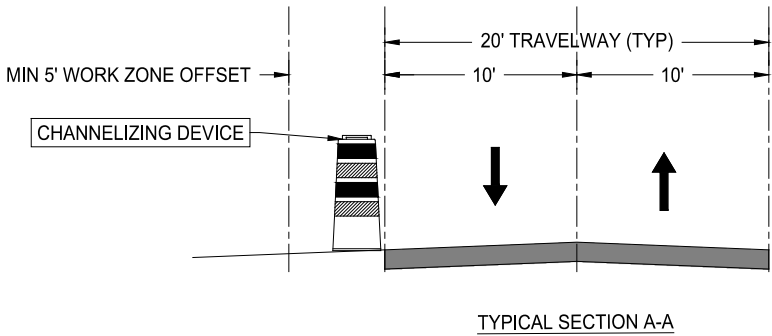
TRAFFIC CONTROL  
PLAN PH 1





LEGEND

- CURRENT PHASE WORK AREA
- PREVIOUS PHASE COMPLETED WORK
- TEMPORARY DETOUR PAVEMENT
- DIRECTION OF TRAVEL
- TEMPORARY SIGN
- TY III BARRICADE
- CHANNELIZING DEVICES
- EXIST EDGE OF PAVEMENT



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PROJ #: PARKS-2025-01



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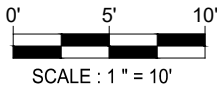
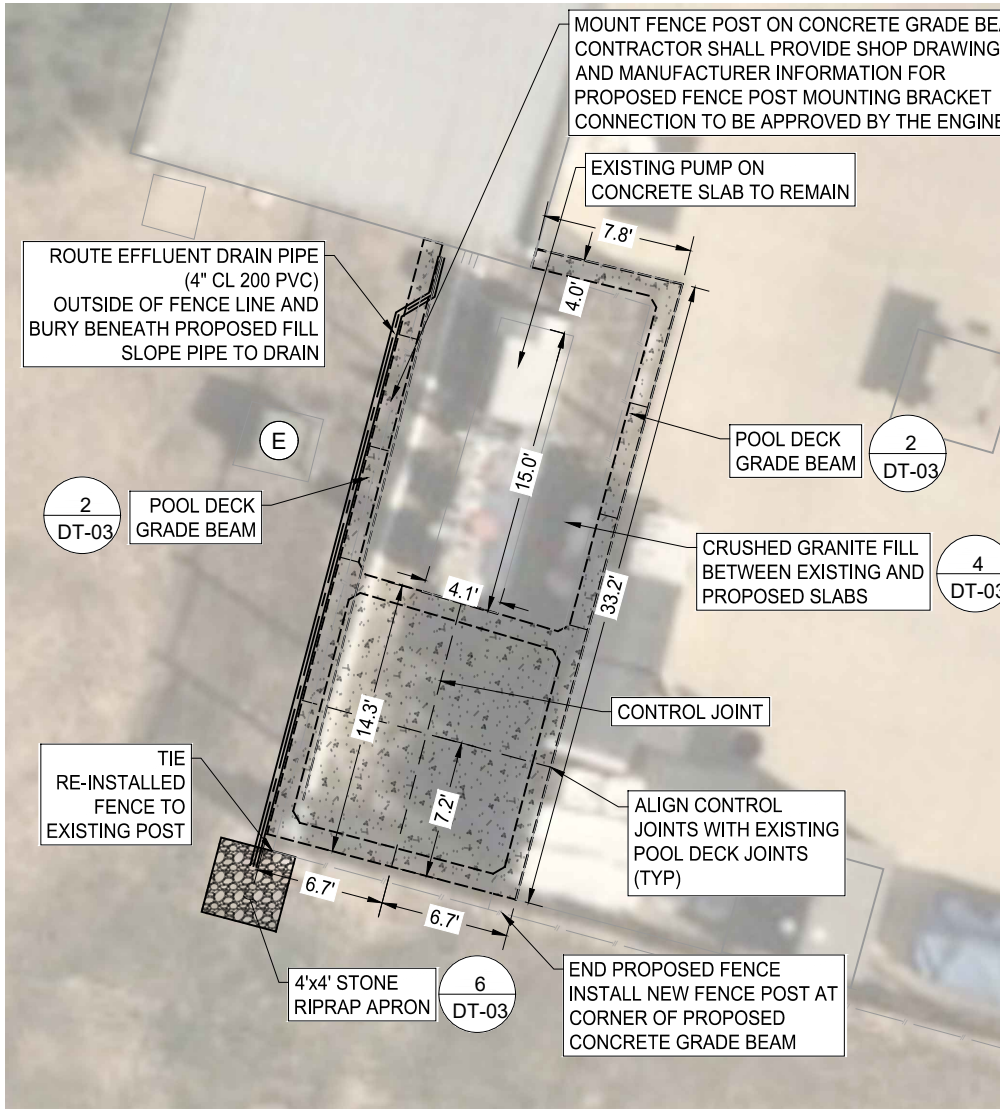
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IMPROVEMENTS

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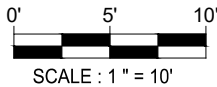
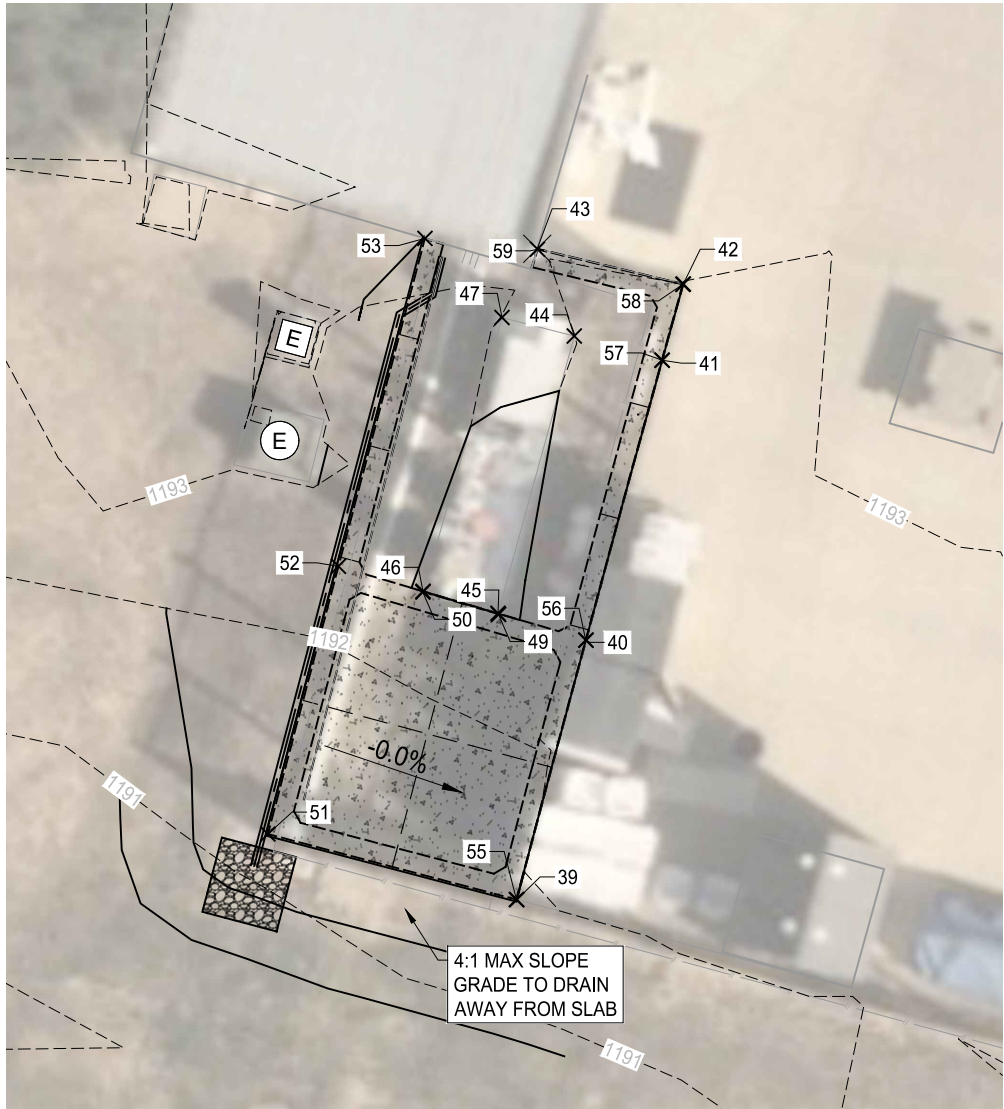
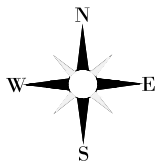
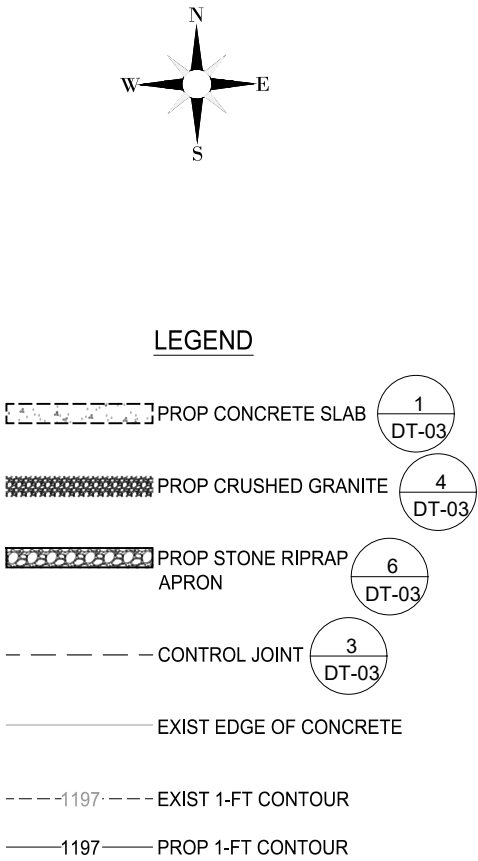
TRAFFIC CONTROL  
PLAN PH 2



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ADD ALT 2: POOL DECK EXPANSION  
SITE PLAN



ADD ALT 2: POOL DECK EXPANSION  
GRADING PLAN

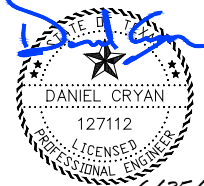
POOL DECK GRADING POINTS					
POINT #	POINT DESCRIPTION	NORTHING	EASTING	EXISTING GROUND ELEVATION	PROPOSED GROUND ELEVATION
39	EXIST POOL DECK	13,984,300.7720	2,258,654.0210	1,191.96	1,191.96
40	EXIST POOL DECK	13,984,314.2830	2,258,657.6350	1,192.35	1,192.35
41	EXIST POOL DECK	13,984,328.8631	2,258,661.6015	1,192.84	1,192.84
42	EXIST POOL DECK	13,984,332.8360	2,258,662.6950	1,193.00	1,193.00
43	EXIST POOL DECK	13,984,334.6733	2,258,655.0857	1,193.43	1,193.43
44	EXIST PUMP SLAB	13,984,330.1250	2,258,657.0170	1,193.03	1,193.03
45	EXIST PUMP SLAB	13,984,315.6810	2,258,653.0430	1,192.86	1,192.86
46	EXIST PUMP SLAB	13,984,316.8320	2,258,649.1410	1,192.91	1,192.91
47	EXIST PUMP SLAB	13,984,331.0920	2,258,653.2530	1,193.06	1,193.06
49	PROPOSED GRADE BEAM	13,984,315.6290	2,258,653.0719	1,192.69	1,193.43
50	PROPOSED GRADE BEAM	13,984,316.7920	2,258,649.1292	1192.81	1,193.43
51	PROPOSED GRADE BEAM	13,984,304.1886	2,258,641.0606	1191.21	1,193.43
52	PROPOSED GRADE BEAM	13,984,318.1313	2,258,644.7362	1192.14	1,193.43
53	PROPOSED GRADE BEAM	13,984,335.2120	2,258,649.2390	1193.43	1,193.43
55	PROPOSED GRADE BEAM	13,984,300.7773	2,258,654.0009	1191.93	1,193.43
56	PROPOSED GRADE BEAM	13,984,314.2884	2,258,657.6149	1192.33	1,193.43
57	PROPOSED GRADE BEAM	13,984,328.8687	2,258,661.5814	1192.83	1,193.43
58	PROPOSED GRADE BEAM	13,984,332.8208	2,258,662.6692	1192.98	1,193.43
59	PROPOSED GRADE BEAM	13,984,334.6484	2,258,655.1001	1193.43	1,193.43

NOTES:

- A PRE-CONSTRUCTION MEETING WITH THE CITY ENGINEER AND CONTRACTOR IS REQUIRED PRIOR TO ANY SITE DISTURBANCE.
- CONTRACTOR SHALL SAW-CUT AND/OR ADJUST EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH AND CONTINUOUS TRANSITION GRADE.
- CONCRETE PAVEMENT WORK SHALL BE PHASED TO ALLOW CONTINUOUS ACCESS TO THE EXISTING PARKING LOT AND PARK FACILITIES ON BOTH SIDES OF THE PROPOSED WORK AREA.
- CONTRACTOR MAY DEVELOP AN ALTERNATIVE CONCRETE PHASING AND JOINTING PLAN. ANY ADJUSTMENTS TO THE PROPOSED CONCRETE PHASING AND JOINTING PLAN MUST BE REVIEWED AND APPROVED BY THE CITY ENGINEER PRIOR TO COMMENCING WORK.
- SAWCUTTING SHALL BE SUBSIDIARY TO APPLICABLE BID ITEMS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT BOTH OVERHEAD AND UNDERGROUND UTILITIES EXIST IN THE VICINITY OF THE CONSTRUCTION AREA. THE EXACT LOCATION OF UNDERGROUND UTILITIES IS NOT CERTAIN. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE AREA UTILITY COMPANIES FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OR COMMENCING ANY WORK SO AS TO PREVENT ANY DAMAGE OR INTERFERENCE WITH PRESENT UTILITIES.
- THE CONTRACTOR SHALL PROTECT ALL AREAS OF THE PARK PROPERTY WHICH ARE NOT INCLUDED IN THE ACTUAL LIMITS OF THE PROPOSED CONSTRUCTION FROM DESTRUCTION. CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO TREES, VEGETATION AND OTHER NATURAL SURROUNDINGS. THE CONTRACTOR, AT HIS EXPENSE, SHALL RESTORE ANY AREAS DISTURBED AS A RESULT OF THEIR OPERATIONS TO A CONDITION AS GOOD AS, OR BETTER THAN, THAT PRESENT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY OBSTACLES THAT MAY IMPEDE OR PREVENT THE PROPER CONSTRUCTION OF THE PROJECT.
- CONTRACTOR SHALL ADJUST TO PROPOSED FINISHED GRADE ALL EXISTING VALVES, MANHOLES, MANHOLE COVERS, CLEANOUTS, INLET COVERS AND/OR ANY OTHER OBJECTS WITHIN THE PROJECT AREA, IF APPLICABLE.
- CONTRACTOR TO RE-VEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK IN COMPLIANCE WITH THE ENVIRONMENTAL NOTES AND SPECIFICATIONS IN THESE DOCUMENTS.



T.B.P.L.S. Firm Registration # 10193770  
T.B.P.E. Firm Registration # F-9266  
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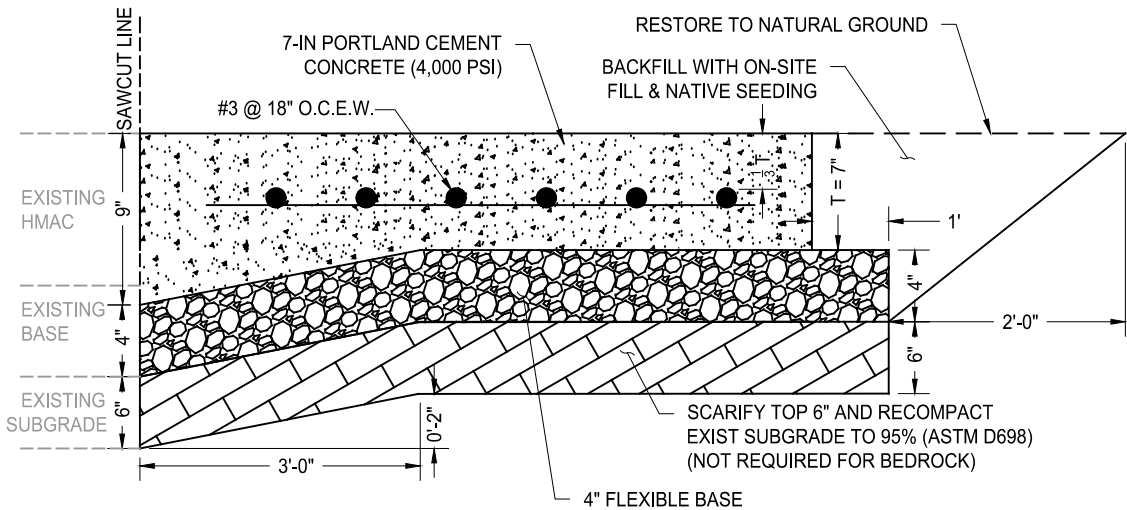
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MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: CA-01

ADD ALT 2  
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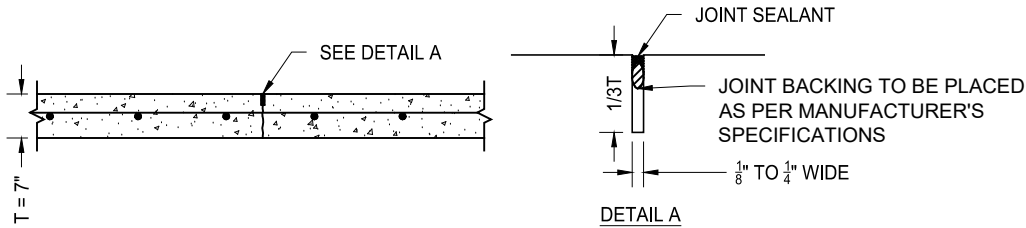
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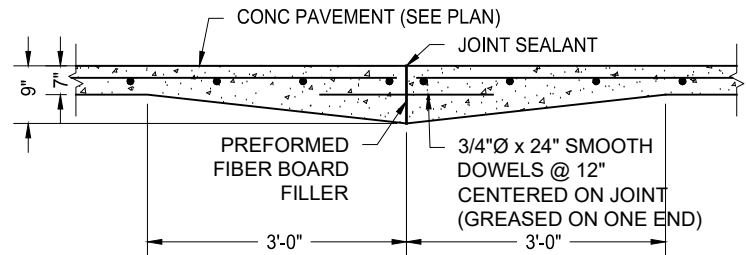
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CONCRETE PAVEMENT NOTES:

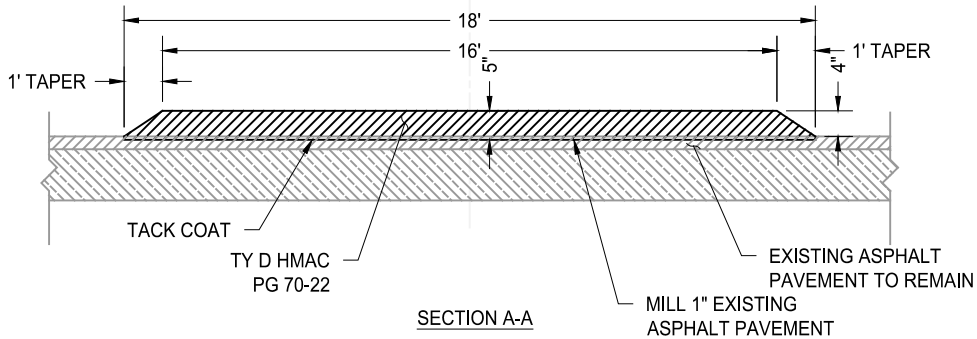
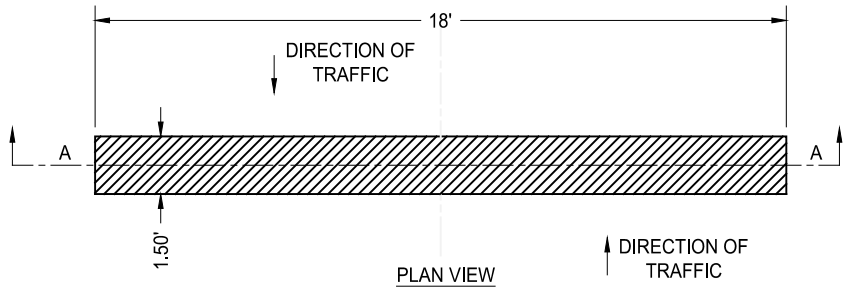
1. REFER TO GEOTECH REPORT FOR ADDITIONAL SITE PREPARATION AND MATERIAL REQUIREMENTS.
2. FLEXIBLE BASE SHALL BE CRUSHED LIMESTONE CONFORMING TO TXDOT ITEM 247, TYPE A, GRADE 1-2. TYPE A (CRUSHED ROCK) IS PREFERRED MATERIAL TYPE, HOWEVER TYPE D (CRUSHED CONCRETE) IS A SUITABLE ALTERNATIVE FRO USE BELOW RIGID PAVEMENTS. PLACE FLEXIBLE BASE MATERIAL IN LIFTS NOT EXCEEDING 8" AND COMPACTED TO A MINIMUM OF 100% OF THE MAXIMUM DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OPTIMUM (TEX-113-E).
3. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
4. LIQUID MEMBRANE-FORMING CURING COMPOUND SHOULD BE APPLIED AS SOON AS PRACTICAL AFTER BROOM FINISHING THE CONCRETE SURFACE.



2 CONCRETE PAVEMENT CONTROL JOINT DETAIL  
N.T.S.



3 CONCRETE PAVEMENT CONSTRUCTION JOINT DETAIL  
N.T.S.



4 ADD ALT 3: ASPHALT SPEED BUMP DETAIL  
N.T.S.



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DIPPING SPRINGS  
Texas

PROJECT:

FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

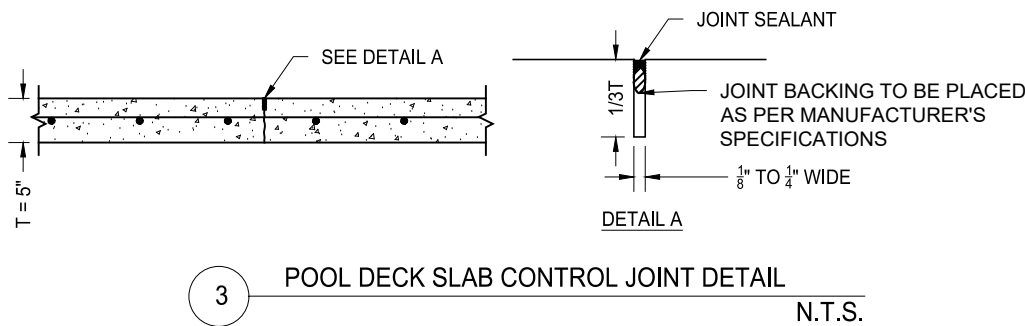
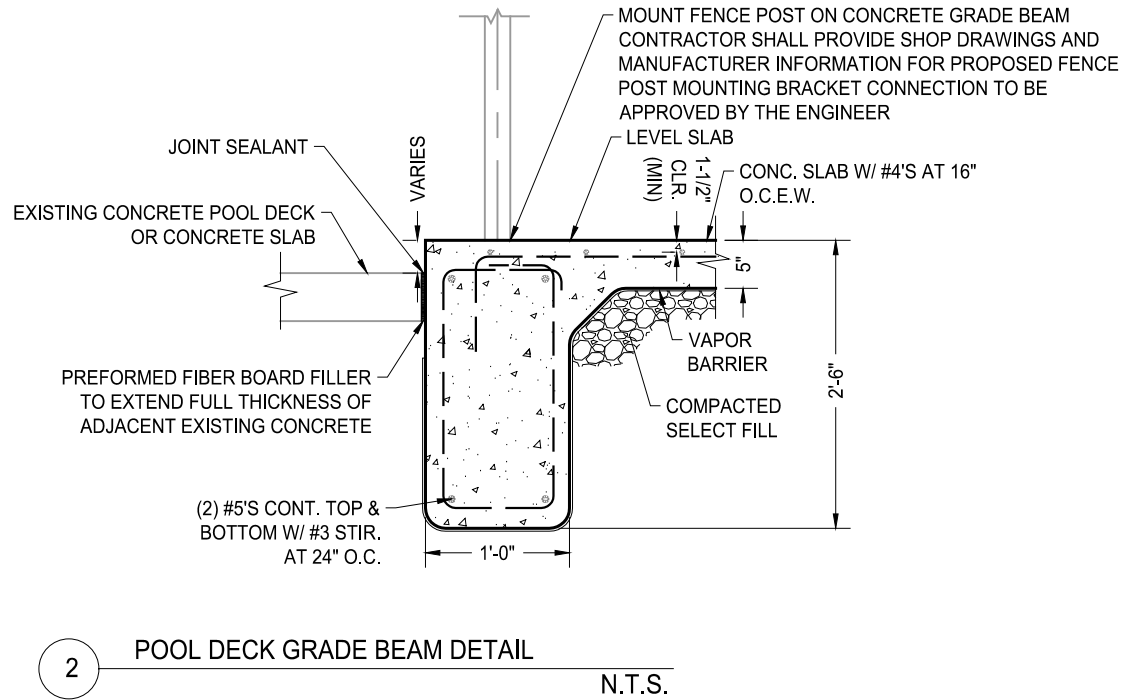
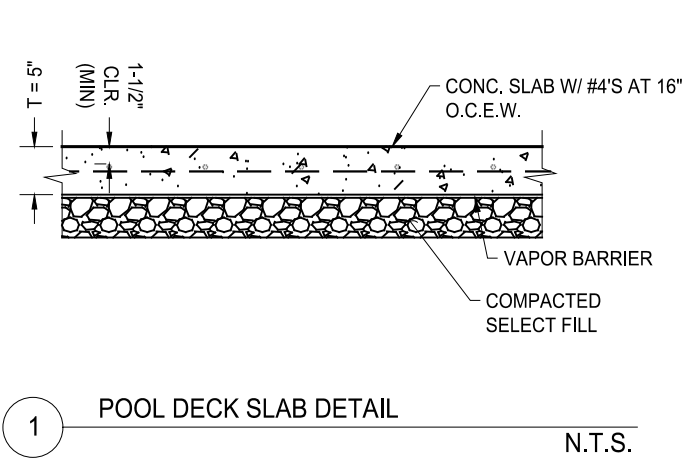
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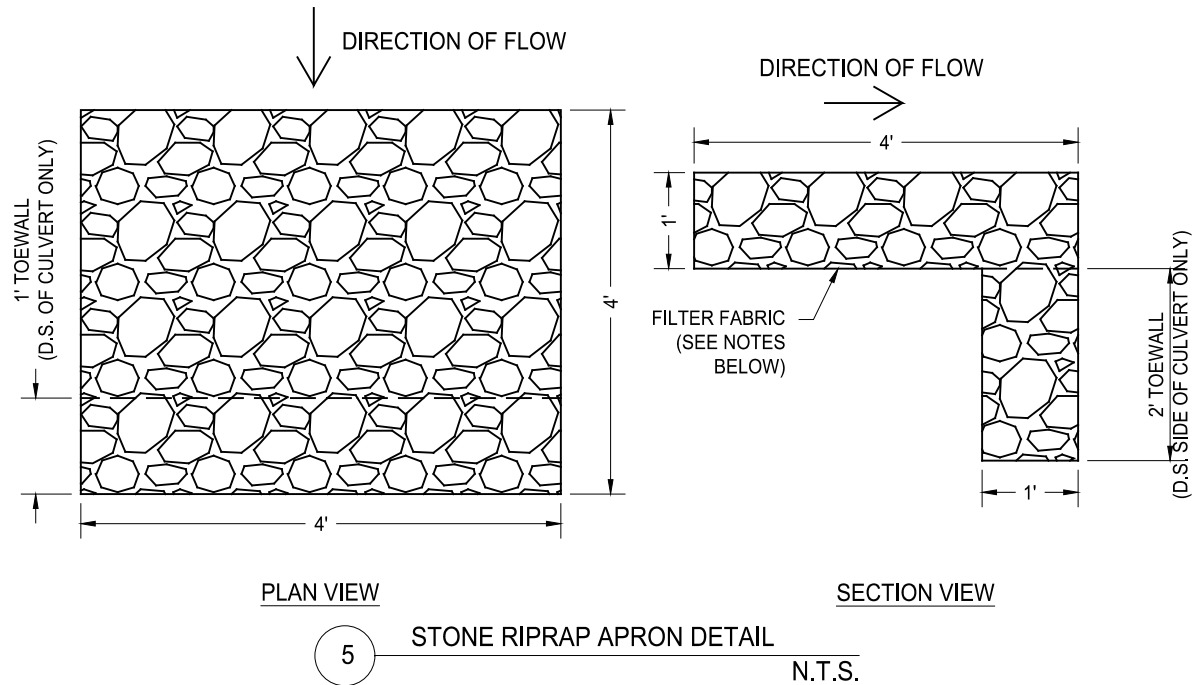
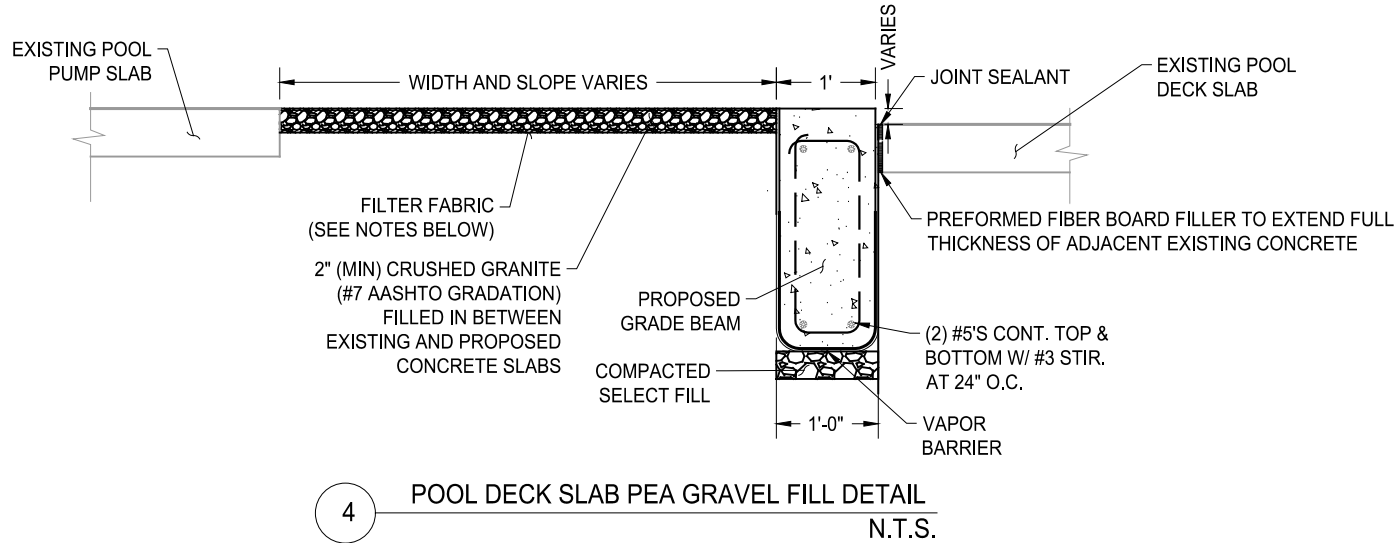








- POOL DECK SLAB NOTES:**
- PLACE A MINIMUM OF 4" COMPACTED SELECT FILL MATERIAL BENEATH ALL POOL DECK BEAMS AND SLABS.
  - SELECT FILL MATERIAL SHALL BE TXDOT ITEM 247 FLEXIBLE BASE, TYPE A OR C, GRADE 1-2 OR 3, WITH A MAXIMUM PLASTICITY INDEX OF 20. SELECT FILL SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 IN THICKNESS AND COMPACTED TO AT LEAST 95% MAX DENSITY (TEX-113-E). MOISTURE CONTENT OF SELECT FILL SHOULD BE MAINTAINED WITHIN +/- 2% OF OPTIMUM MOISTURE CONTENT UNTIL FINAL COMPACTION.
  - POOL DECK SLAB PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,500 PSI.
  - LIQUID MEMBRANE-FORMING CURING COMPOUND SHOULD BE APPLIED AS SOON AS PRACTICAL AFTER BROOM FINISHING THE CONCRETE SURFACE.



**FILTER FABRIC NOTES:**

- FILTER FABRIC SHALL BE CONSTRUCTED EXCLUSIVELY OF SYNTHETIC THERMOPLASTIC FIBERS AND MAY BE EITHER WOVEN OR NON-WOVEN.
- FILTER FABRIC MATERIAL SHALL BE MILDEW RESISTANT, ROT PROOF, AND SHALL CONTAIN ULTRAVIOLET STABILIZERS AND SHALL HAVE NON-RAVELING EDGES.
- FILTER FABRIC SHALL MEET ALL PHYSICAL PROPERTIES LISTED IN TABLE 1: FILTER FABRIC REQUIREMENTS. REFER TO CITY OF AUSTIN SPECIFICATION 620s FOR MORE INFORMATION.
- FILTER FABRIC WILL NOT BE PAID FOR DIRECTLY AND IS CONSIDERED SUBSIDIARY TO OTHER PERTINENT PAY ITEMS.

**TABLE 1: FILTER FABRIC REQUIREMENTS**

ORIGINAL PHYSICAL PROPERTIES	TEST METHOD	REQUIREMENTS
FABRIC WEIGHT (MASS), ON AN AMBIENT TEMPERATURE AIR-DRIED TENSION FREE SAMPLE, EXPRESSED IN OZ/ SQ. YD (GRAMS/SQUARE METER)	TxDOT Tex-616-J*	4.0 MINIMUM
WATER FLOW RATE BY FALLING HEAD METHOD, 7.9 INCHES (20 CM) TO 3.9 INCHES (10 CM) ON 2 INCH (50 MM) ID CYLINDER WITH 1 INCH (25 MM) DIAMETER ORIFICE, WITH FLOW RATE EXPRESSED IN GAL/SQ.FT/MINUTE (LITERS/SQUARE METER/MINUTE).	TxDOT TEX-616-J*	80 MINIMUM
BREAKING LOAD IN EITHER MACHINE OR CROSS-MACHINE DIRECTION, EXPRESSED IN POUNDS (NEWTONS)	ASTM D-1682 GRAB METHOD G**	100 MINIMUM
EQUIVALENT OPENING SIZE FOR US STANDARD (SI) SIEVES.	CW-02215	70 TO 100
"APPARENT ELONGATION" AT BREAKING LOAD IN EITHER MACHINE OR CROSS-MACHINE DIRECTION, EXPRESSED AS PERCENT	ASTM D-1682 grab method G**	100 MAXIMUM

\* TXDOT TEX-616-J, "TESTING OF CONSTRUCTION FIBERS  
\*\* ASTM D 1682 GRAB METHOD G, "TEST METHODS FOR BREAKING LOAD AND ELONGATION OF TEXTILE FABRICS" AS MODIFIED BY TXDOT TEST METHOD TEX-616-J  
\*\*\* CW-02215, US ARMY CORPS OF ENGINEERS, CIVIL WORKS CONSTRUCTION GUIDE SPECIFICATION "PLASTIC FILTER FABRIC".

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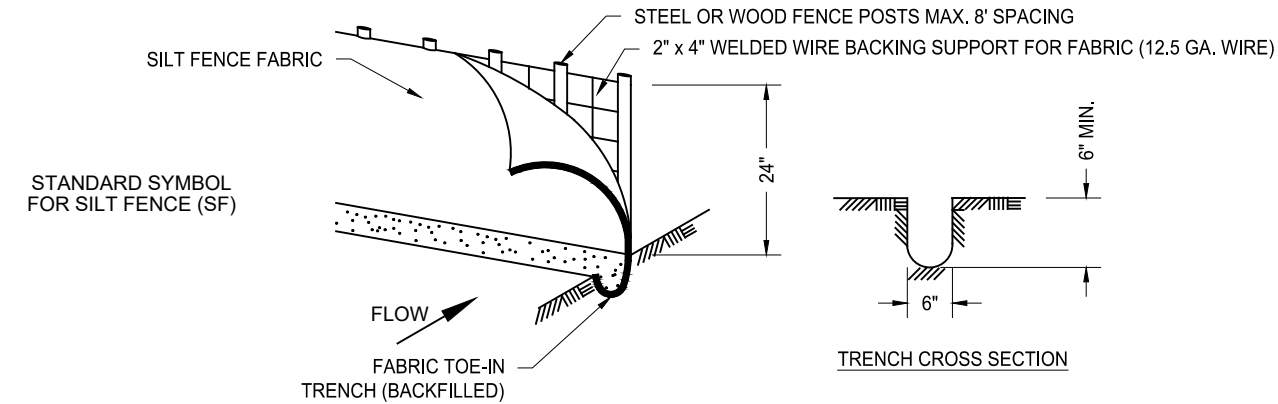
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IMPROVEMENTS**

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DETAILS**

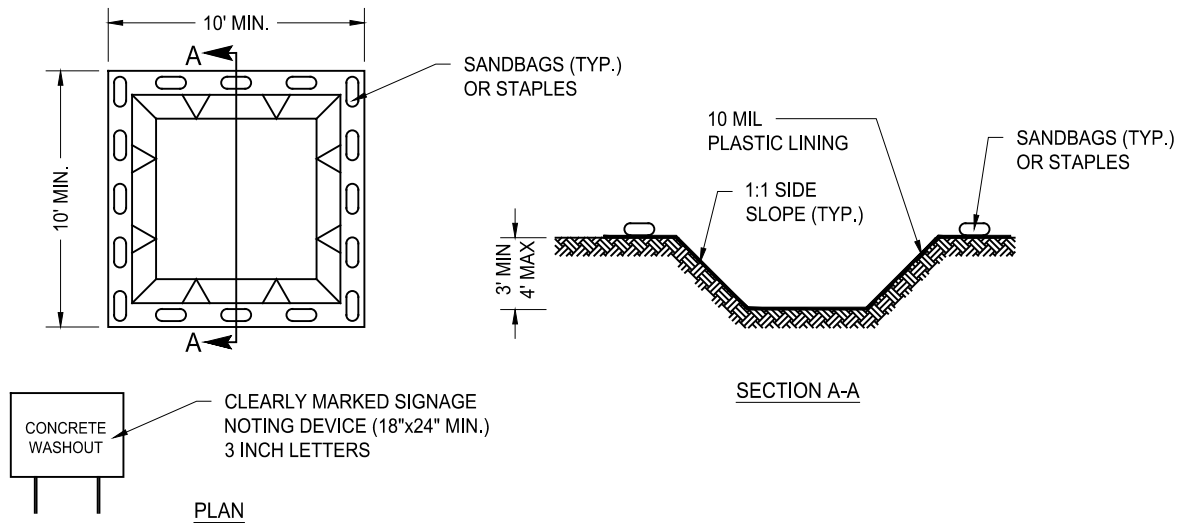


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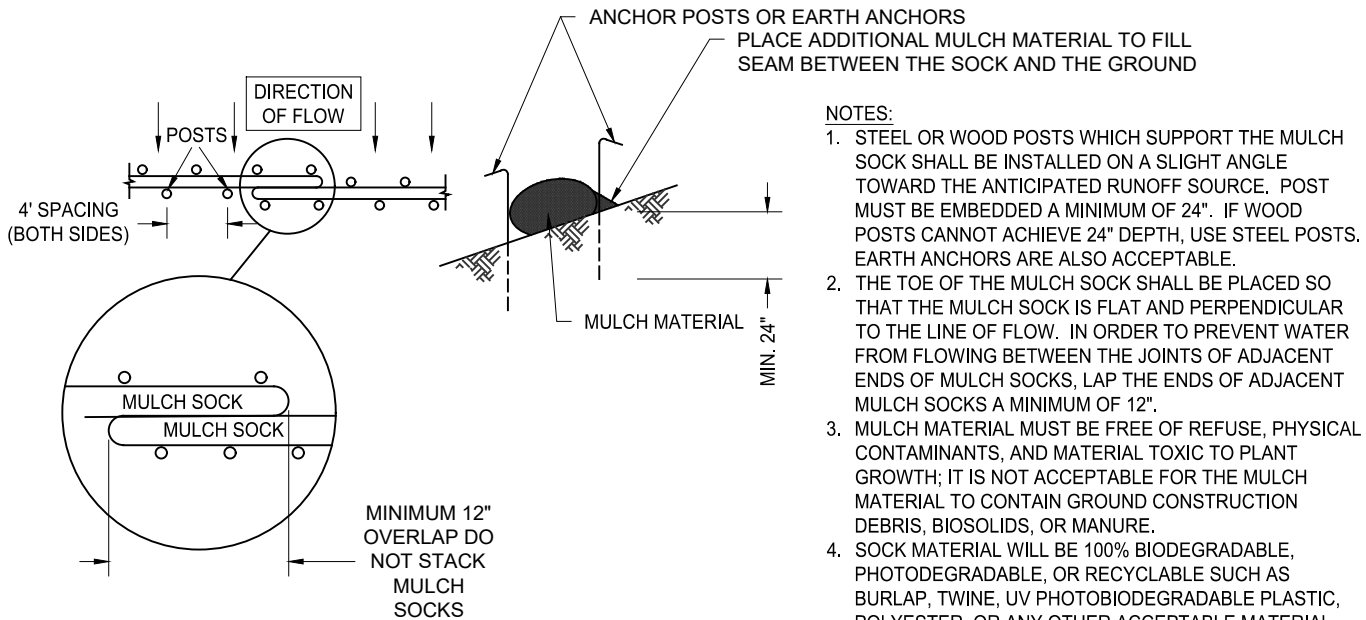
- NOTES:
1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 12". IF WOOD POSTS CANNOT ACHIEVE 12" DEPTH, USE STEEL POSTS.
  2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
  3. THE TRENCH MUST BE A MINIMUM OF 6" DEEP AND 6" WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
  4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.
  5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
  6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
  7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6". THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

① SILT FENCE  
N.T.S.



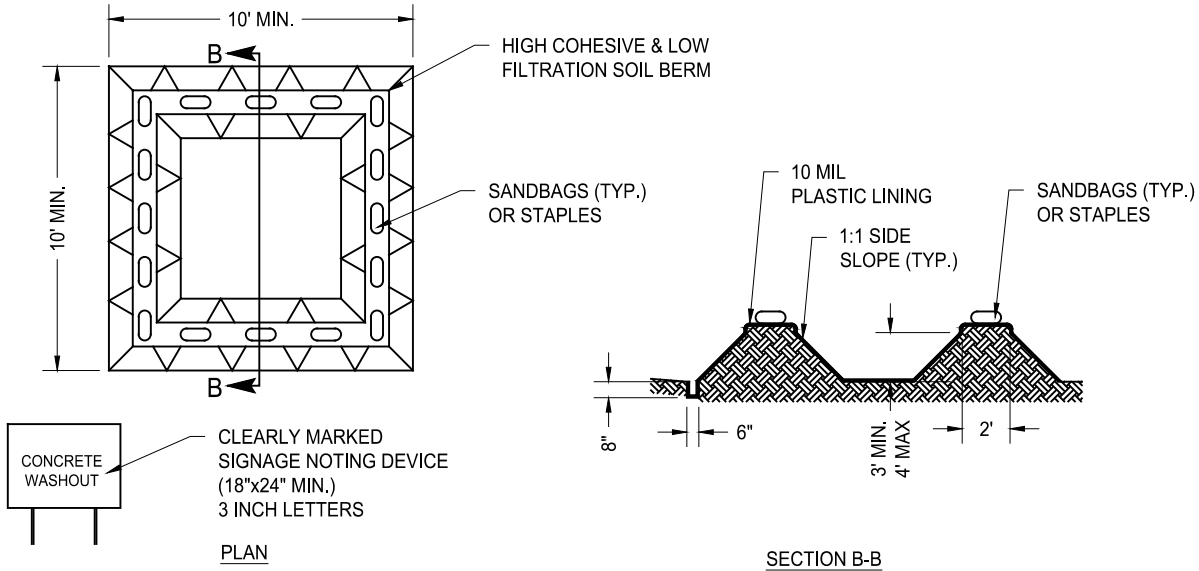
- CONCRETE WASHOUT NOTES:
1. LOCATION SHALL BE INDICATED ON THE PLANS.
  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE CLEANED OUT WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES' CAPACITY.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH A SIGNAGE NOTING DEVICE.
  4. ANY PREFABRICATED CONCRETE WASHOUT BINS MUST BE APPROVED BY THE CITY PRIOR TO USE.
  5. CONCRETE WASHOUT STRUCTURE WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO CONCRETE PAY ITEMS.

③ CONCRETE WASHOUT (BELOW GRADE STRUCTURE)  
N.T.S.



- MULCH SOCK MATERIAL NOTES:
1. USE UNTREATED WOOD CHIPS PRODUCED FROM A 3 (THREE) INCH MINUS SCREENING PROCESS (EQUIVALENT TO TXDOT ITEM 161, COMPOST, SECTION 1.6.2.B, WOOD CHIP REQUIREMENTS).
  2. MULCH CONSISTS PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, OR COMPOSTED BARK.
  3. LARGE PORTIONS OF SILT, CLAYS, OR FINE SANDS ARE NOT ACCEPTABLE IN THE MULCH.

② MULCH SOCK  
N.T.S.



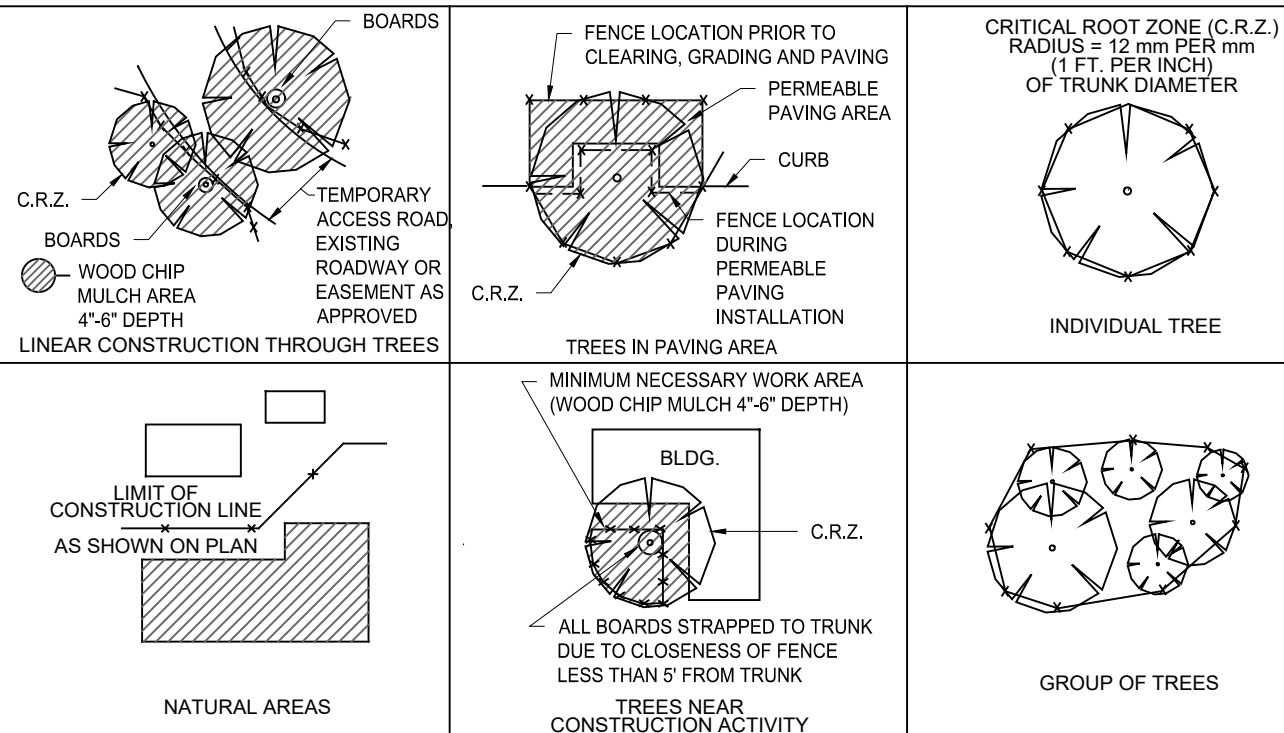
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  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE CLEANED OUT WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES' CAPACITY.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH A SIGNAGE NOTING DEVICE.
  4. ANY PREFABRICATED CONCRETE WASHOUT BINS MUST BE APPROVED BY THE CITY PRIOR TO USE.
  5. CONCRETE WASHOUT STRUCTURE WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO CONCRETE PAY ITEMS.

④ CONCRETE WASHOUT (ABOVE GRADE STRUCTURE)  
N.T.S.

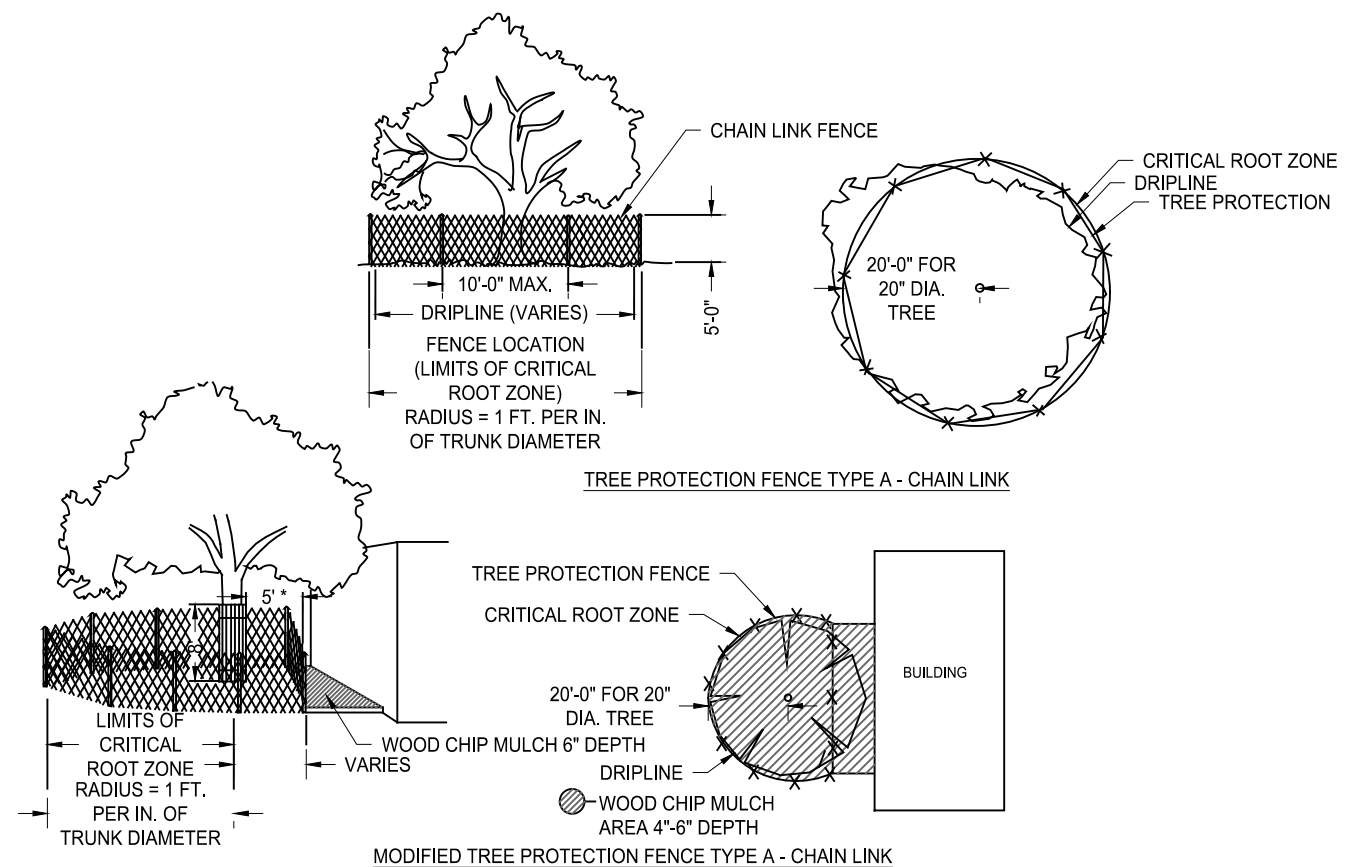
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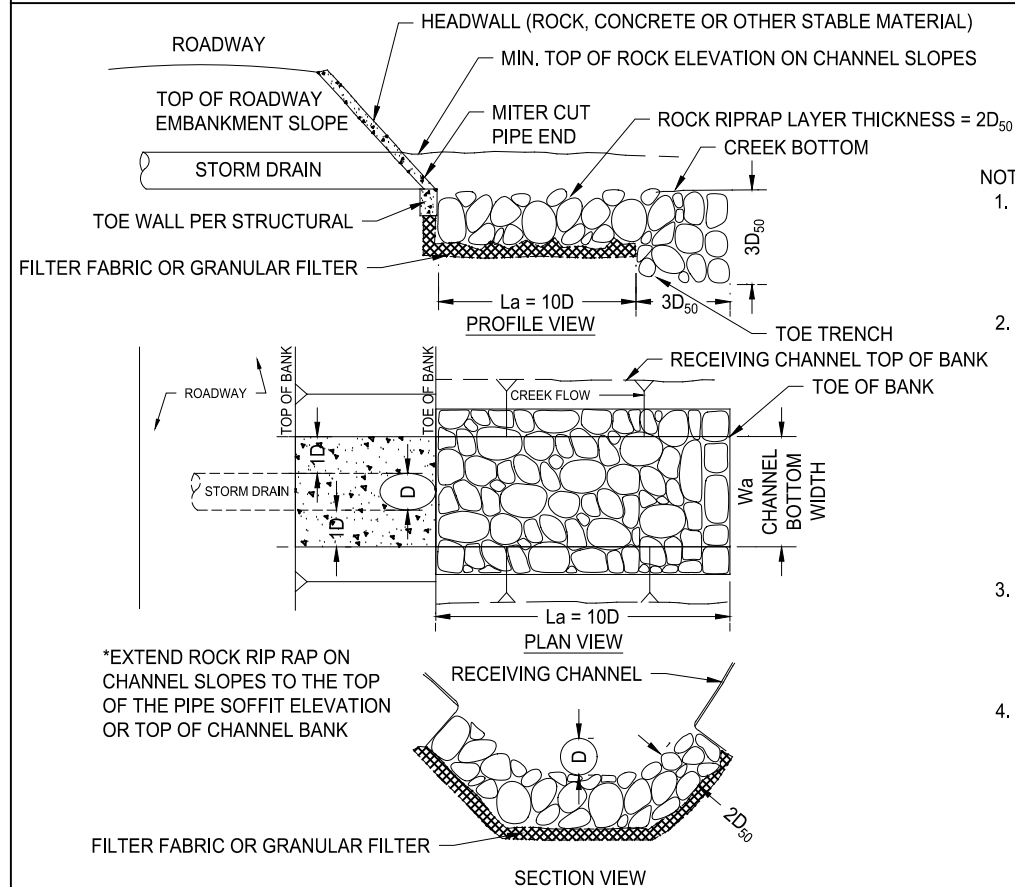


## 1 TREE PROTECTION AND FENCE LOCATIONS



② TREE PROTECTION FENCE TYPE A - CHAIN LINK

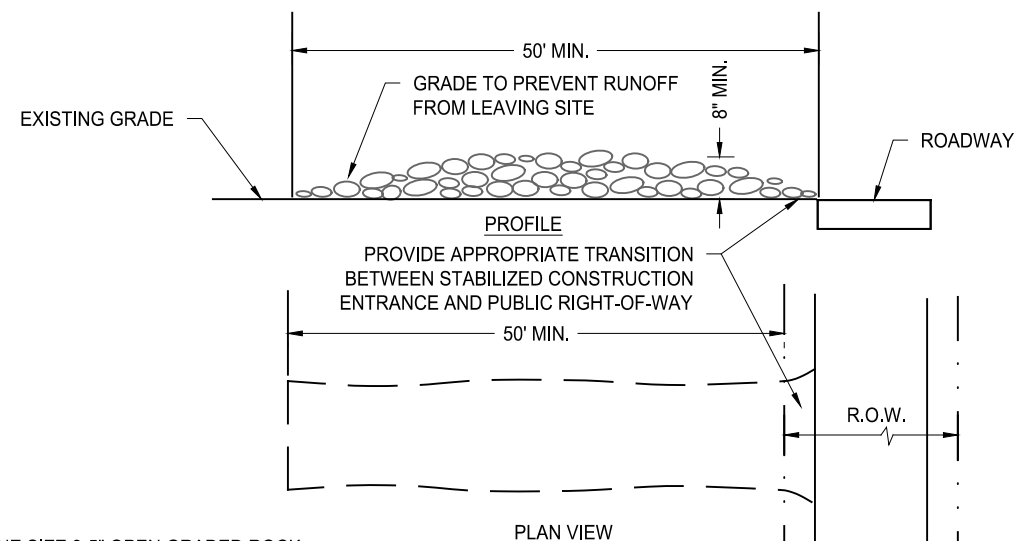
\*AS NEEDED TO PROVIDE MINIMUM NECESSARY WORK SPACE. IF LESS THAN 5', THEN ADD BOARDS STRAPPED TO TRUNK.



D = PIPE DIAMETER  
D<sub>50</sub> = MEDIAN ROCK DIAMETER  
La = APRON LENGTH  
Wa = APRON WIDTH

- NOTES:
1. ROCK RIP RAP SHALL BE SOUND MATERIAL AND GRADED PER REQUIREMENTS SPECIFIED IN CITY OF AUSTIN STANDARD SPECIFICATION ITEM NO. 591S.
  2. ROCK SIZE ( $D_{50}$ ) AND GRADATION SHALL BE STABLE FOR THE DESIGN HYDRAULIC CONDITIONS AND IN ACCORDANCE WITH THE CITY OF AUSTIN ECM 1.4.6.D PERMANENT STRUCTURAL PRACTICES, STONE RIPRAP OR OTHER ENGINEERING STANDARD OF PRACTICE FOR SIZING ROCK RIPRAP. ROCK RIPRAP  $D_{50}$  AND FILTER TYPE SHALL BE NOTED ON PLANS.
  3. GEOTEXTILE FILTER FABRIC SHALL MEET THE REQUIREMENTS SPECIFIED IN CITY OF AUSTIN STANDARD SPECIFICATION ITEM NO. 620S.
  4. AGGREGATE FOR GRANULAR FILTER SHALL MEET THE REQUIREMENTS SPECIFIED IN CITY OF AUSTIN STANDARD SPECIFICATION ITEM NO. 403, AGGREGATE SIZE CLASSIFICATION / GRADE, NUMBER OF LAYERS AND LAYER THICKNESS SHOULD BE NOTED ON THE PLANS.

### ③ STONE RIPRAP OUTLET PROTECTION



- NOTES:

  1. STONE SIZE 3-5" OPEN GRADED ROCK.
  2. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 50'.
  3. THICKNESS: NOT LESS THAN 8".
  4. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
  5. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
  6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
  7. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

### 3 STABILIZED CONSTRUCTION ENTRANCE



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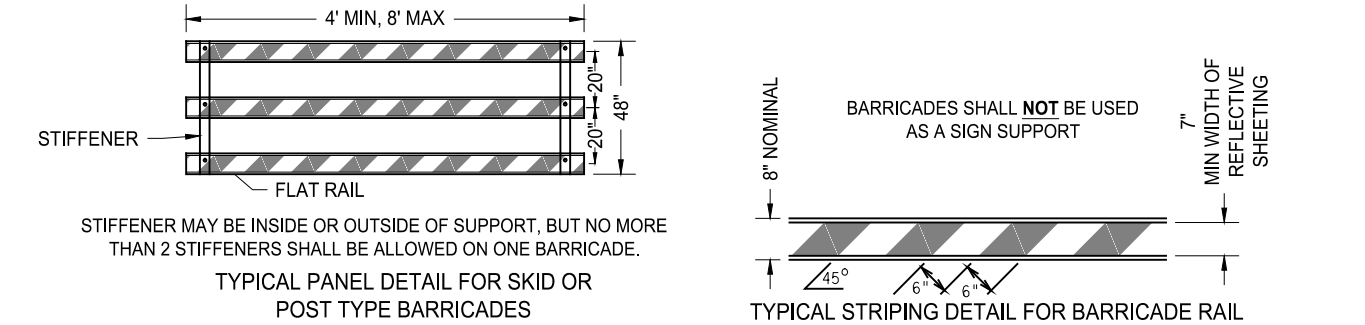
FOUNDERS  
MEMORIAL PARK  
IMPROVEMENTS

SHEET TITLE: DT-05

ESC DETAILS  
(2 OF 2)



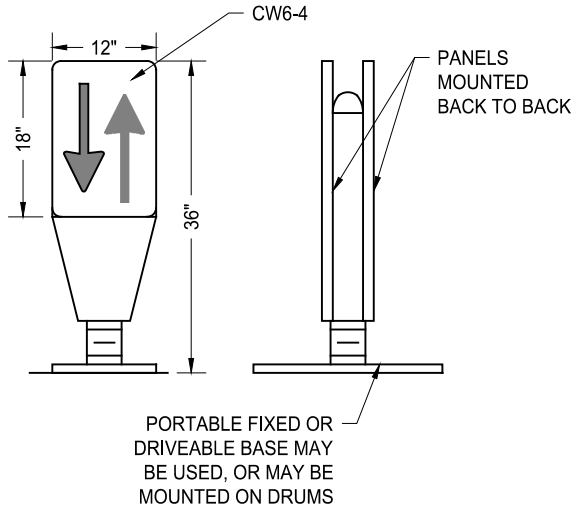
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TYPE 3 BARRICADE NOTES:

1. REFER TO THE COMPLIANT WORK ZONE TRAFFIC CONTROL DEVICES LIST (CWZTCD) FOR DETAILS OF THE TYPE 3 BARRICADES AND A LIST OF ALL MATERIALS USED IN THE CONSTRUCTION OF TYPE 3 BARRICADES.
2. TYPE 3 BARRICADES SHALL BE USED AT EACH END OF CONSTRUCTION PROJECTS CLOSED TO ALL TRAFFIC.
3. BARRICADES EXTENDING ACROSS A ROADWAY SHOULD HAVE STRIPES THAT SLOPE DOWNWARD IN THE DIRECTION TOWARD WHICH TRAFFIC MUST TURN IN DETOURING. WHEN BOTH RIGHT AND LEFT TURNS ARE PROVIDED, THE CHEVRON STRIPING MAY SLOPE DOWNWARD IN BOTH DIRECTIONS FROM THE CENTER OF THE BARRICADE. WHERE NO TURNS ARE PROVIDED AT A CLOSED ROAD, STRIPING SHOULD SLOPE DOWNWARD IN BOTH DIRECTIONS TOWARD THE CENTER OF ROADWAY.
4. STRIPING OF RAILS, FOR THE RIGHT SIDE OF THE ROADWAY, SHOULD SLOPE DOWNWARD TO THE LEFT. FOR THE LEFT SIDE OF THE ROADWAY, STRIPING SHOULD SLOPE DOWNWARD TO THE RIGHT.
5. IDENTIFICATION MARKINGS MAY BE SHOWN ONLY ON THE BACK OF THE BARRICADE RAILS. THE MAXIMUM HEIGHT OF LETTERS AND/OR COMPANY LOGOS USED FOR IDENTIFICATION SHALL BE 1".
6. BARRICADES SHALL NOT BE PLACED PARALLEL TO TRAFFIC UNLESS AN ADEQUATE CLEAR ZONE IS PROVIDED.
7. WARNING LIGHTS SHALL NOT BE INSTALLED ON BARRICADES.
8. WHERE BARRICADES REQUIRE THE USE OF WEIGHTS TO KEEP FROM TURNING OVER, THE USE OF SANDBAGS WITH DRY, COHESIONLESS SAND IS RECOMMENDED. THE SANDBAGS WILL BE TIED SHUT TO KEEP THE SAND FROM SPILLING AND TO MAINTAIN A CONSTANT WEIGHT. SAND BAGS SHALL NOT BE STACKED IN A MANNER THAT COVERS ANY PORTION OF A BARRICADE RAILS REFLECTIVE SHEETING. ROCK, CONCRETE, IRON, STEEL OR OTHER SOLID OBJECTS WILL NOT BE PERMITTED. SANDBAGS SHOULD WEIGH A MINIMUM OF 35 LBS AND A MAXIMUM OF 50 LBS. SANDBAGS SHALL BE MADE OF A DURABLE MATERIAL THAT TERAS UPON VEHICULAR IMPACT. RUBBER (SUCH AS TIRE INNER TUBES) SHALL NOT BE USED FOR SANDBAGS. SANDBAGS SHALL ONLY BE PLACED ALONG OR UNDER THE BASE SUPPORTS OF THE DEVICE AND SHALL NOT BE SUSPENDED ABOVE GROUND LEVEL OR HUNG WITH ROPE, WIRE, CHAINS OR OTHER FASTENERS.
9. SHEETING FOR BARRICADES SHALL BE RETROREFLECTIVE TYPE A OR TYPE B CONFORMING TO DEPARTMENTAL MATERIAL SPECIFICATION DMS-8300 UNLESS OTHERWISE NOTED.

① TYPE 3 BARRICADES  
N.T.S.



1. OPPOSING TRAFFIC LANE DIVIDERS (OTLD) ARE DELINEATION DEVICES DESIGNED TO CONVERT A NORMAL ONE-WAY ROADWAY SECTION TO TWO-WAY OPERATION. OTLD'S ARE USED ON TEMPORARY CENTERLINES. THE UPWARD AND DOWNWARD ARROWS ON THE SIGN'S FACE INDICATE THE DIRECTION OF TRAFFIC ON EITHER SIDE OF THE DIVIDER. THE BASE IS SECURED TO THE PAVEMENT WITH AN ADHESIVE OR RUBBER WEIGHT TO MINIMIZE MOVEMENT CAUSED BY A VEHICLE IMPACT OR WIND GUST.
2. THE OTLD MAY BE USED IN COMBINATION WITH 42" CONES OR VPs.
3. SPACING BETWEEN THE OTLD SHALL NOT EXCEED 500 FEET. 42" CONES OR VPs PLACED BETWEEN THE OTLD'S SHOULD NOT EXCEED 100 FOOT SPACING.
4. THE OTLD SHALL BE ORANGE WITH A BLACK NON REFLECTIVE LEGEND. SHEETING FOR THE OTLD SHALL BE RETROREFLECTIVE TYPE B $\frac{1}{2}$  OR TYPE C $\frac{1}{2}$  CONFORMING TO DEPARTMENTAL MATERIAL SPECIFICATION DMS-8300, UNLESS NOTED OTHERWISE. THE LEGEND SHALL MEET THE REQUIREMENTS OF DMS-8300.

② OPPOSING TRAFFIC LANE DIVIDERS (OTLD)  
N.T.S.



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NO.	REVISION	DATE

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PROJ #: PARKS-2025-01



DIPPING SPRINGS  
Texas

PROJECT:

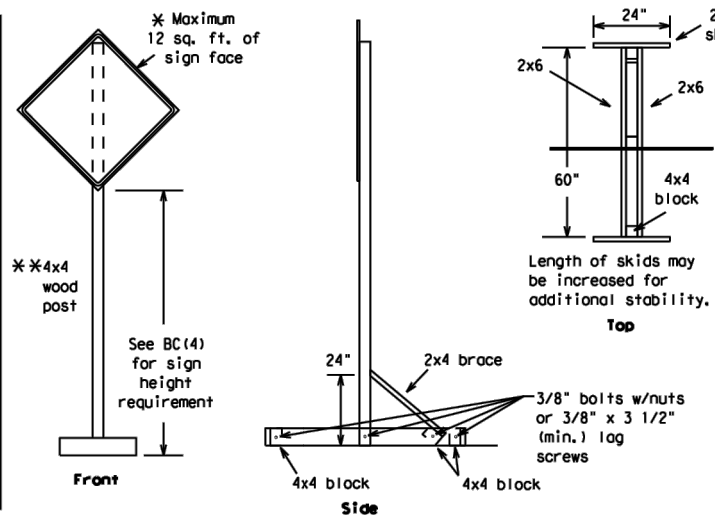
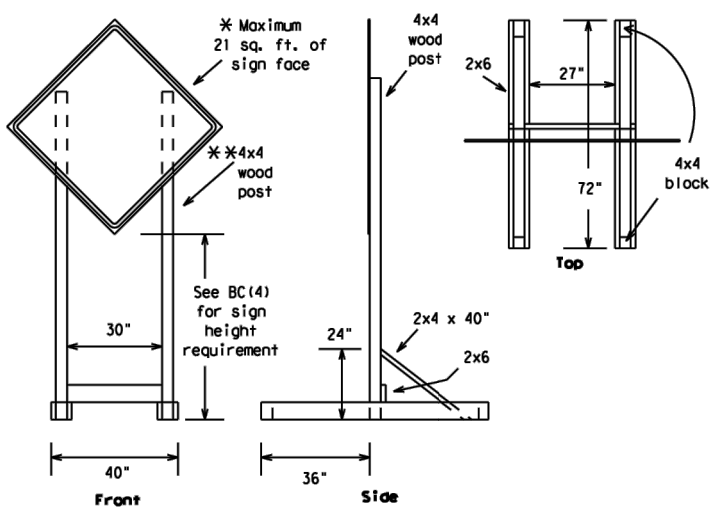
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SHEET TITLE: DT-06

TRAFFIC CONTROL  
DETAILS (1 OF 2)

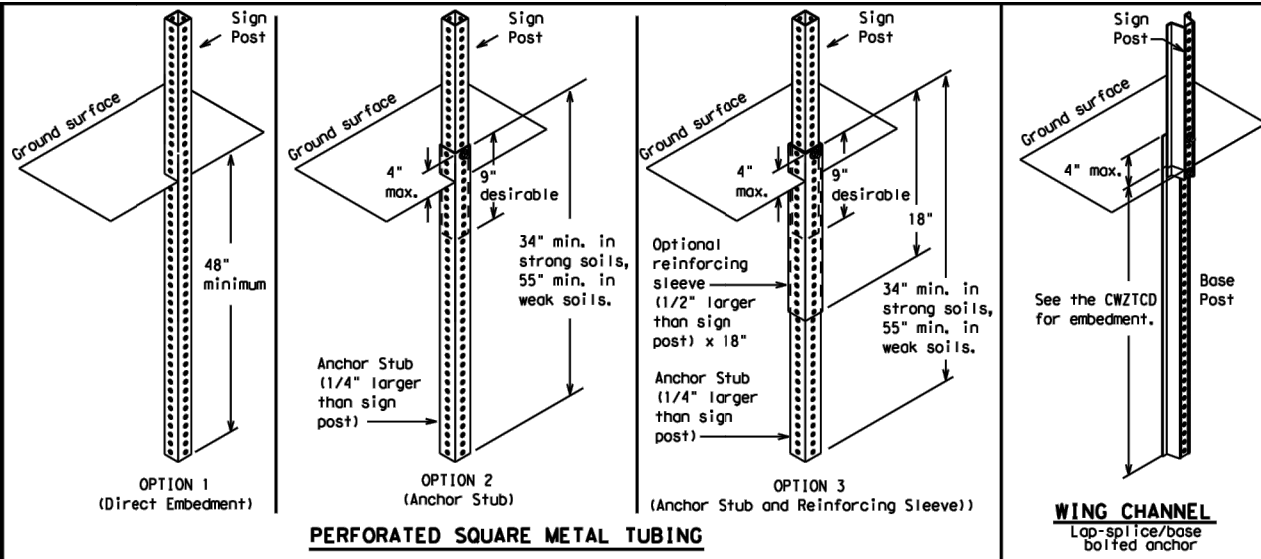


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### SKID MOUNTED WOOD SIGN SUPPORTS

\* LONG/INTERMEDIATE TERM STATIONARY - PORTABLE SKID MOUNTED SIGN SUPPORTS



### GROUND MOUNTED SIGN SUPPORTS

Refer to the CWZTCD and the manufacturer's installation procedure for each type sign support.  
The maximum sign square footage shall adhere to the manufacturer's recommendation.  
Two post installations can be used for larger signs.

### WEDGE ANCHORS

Both steel and plastic Wedge Anchor Systems as shown on the SMD Standard Sheets may be used as temporary sign supports for signs up to 10 square feet of sign face. They may be set in concrete or in sturdy soils if approved by the Engineer. (See web address for "Traffic Engineering Standard Sheets" on BC(1)).

### OTHER DESIGNS

MORE DETAILS OF APPROVED LONG/INTERMEDIATE AND SHORT TERM SUPPORTS CAN BE FOUND ON THE CWZTCD LIST. SEE BC(1) FOR WEBSITE LOCATION.

### GENERAL NOTES

1. Nails may be used in the assembly of wooden sign supports, but 3/8" bolts with nuts or 3/8" x 3 1/2" lag screws must be used on every joint for final connection.
2. No more than 2 sign posts shall be placed within a 7 ft. circle, except for specific materials noted on the CWZTCD List.
3. When project is completed, all sign supports and foundations shall be removed from the project site. This will be considered subsidiary to Item 502.

- \* See BC(4) for definition of "Work Duration."
- \*\* Wood sign posts MUST be one piece. Splicing will NOT be allowed. Posts shall be painted white.
- ☐ See the CWZTCD for the type of sign substrate that can be used for each approved sign support.

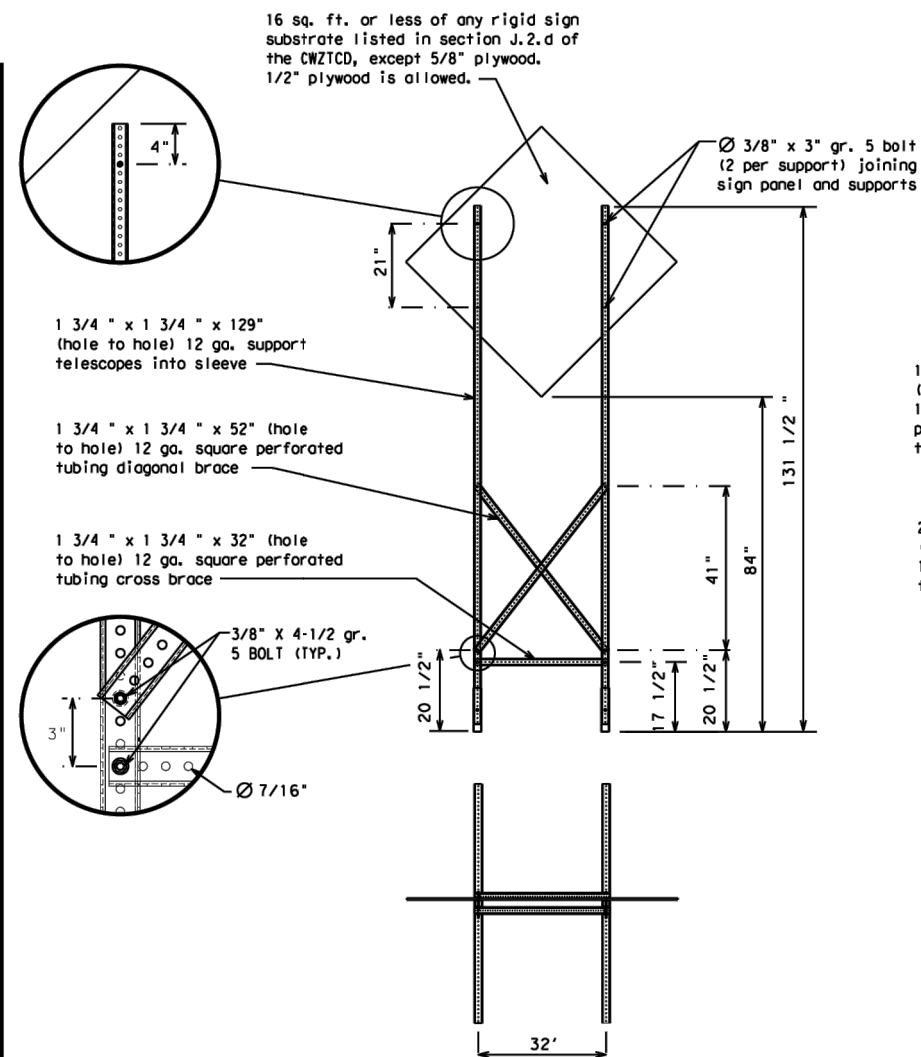
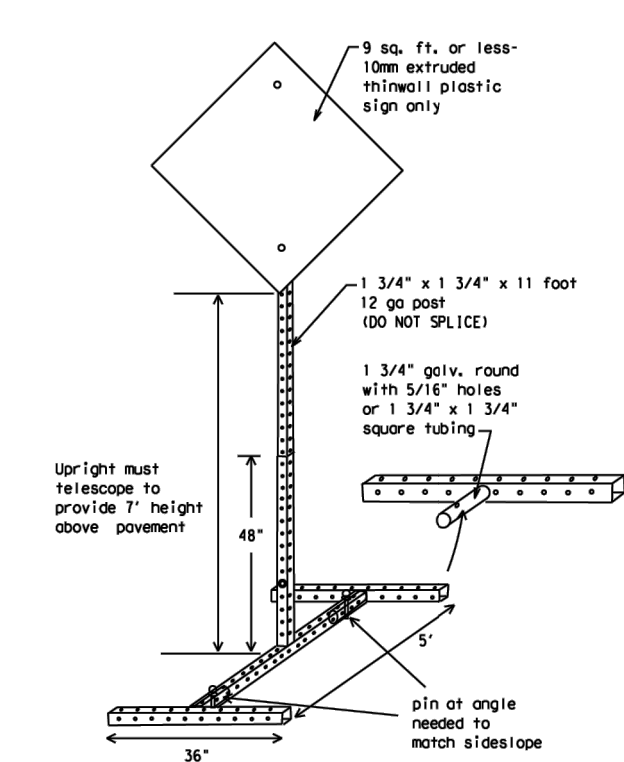
SHEET 5 OF 12



## BARRICADE AND CONSTRUCTION TYPICAL SIGN SUPPORT

### BC(5) - 21

FILE:	bc-21.dgn	DN:	TxDOT	CK:	TxDOT	DW:	TxDOT	CR:	TxDOT
©	TxDOT	November 2002	CONT	SECT	JOB	HIGHWAY			
REVISIONS									
9-07	8-14								
7-13	5-21								
		DIST	COUNTY	SHEET NO.					



### SKID MOUNTED PERFORATED SQUARE STEEL TUBING SIGN SUPPORTS

\* LONG/INTERMEDIATE TERM STATIONARY - PORTABLE SKID MOUNTED SIGN SUPPORTS



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### PROJECT:

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TRAFFIC CONTROL  
DETAILS (2 OF 2)