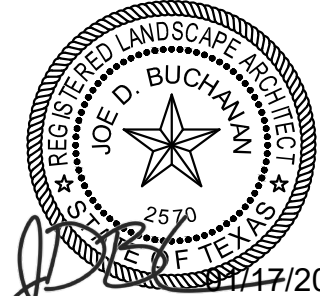


WESTLAKE SKATE PARK: EXCAVATION AND FILL 100% CONSTRUCTION DOCUMENTS

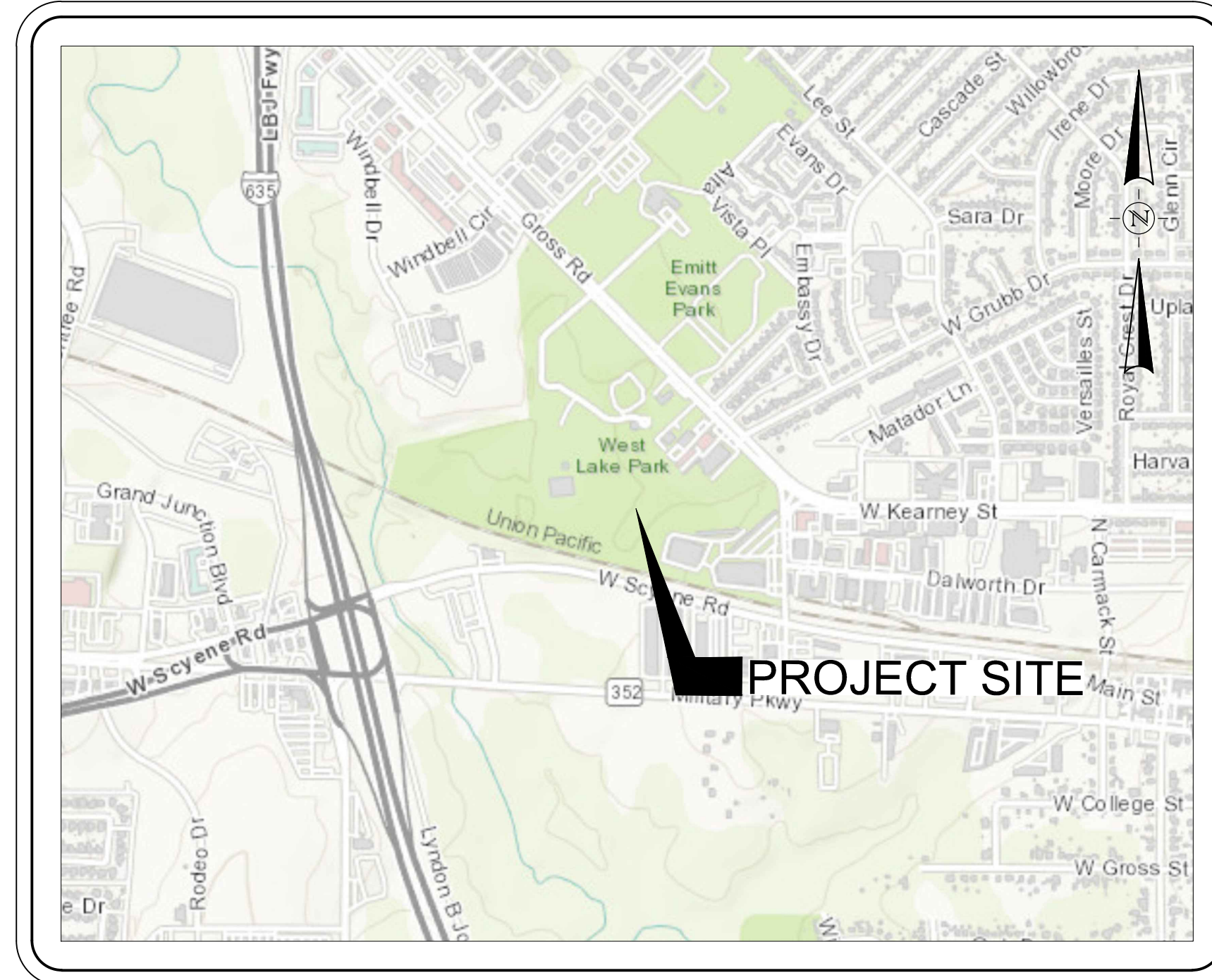
600 GROSS ROAD
MESQUITE, TX 75149
JANUARY, 2024

LANDSCAPE ARCHITECT

DAVID BUCHANAN
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
EMAIL: dbuchanan@half.com
TEL: (214) 346-6268



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE BOARD OF ARCHITECTS, PLANNING AND INTERIORS. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE LANDSCAPE ARCHITECT IS AN OFFENSE UNDER TITLE 22, TEXAS ADMINISTRATIVE CODE. CHANGES TO ANY DRAWING OR PROJECT, THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICE OF HALFF ASSOCIATES, INC. 201 NORTH BOWSER, RICHARDSON, TEXAS 75081. TBPE FIRM #F-312



LOCATION MAP

NOT TO SCALE

SHEET LIST

L0.00	COVER
L0.01	CITY OF MESQUITE GENERAL NOTES
L1.01	EXCAVATION AND FILL PLAN
L1.02	SECTIONS
L2.01	DETAILS
L2.02	EROSION CONTROL NOTES

OWNER/CLIENT:



1515 N. GALLOWAY AVE.
MESQUITE, TX 75149
TEL. (972) 216-6413
www.cityofmesquite.com

PREPARED BY:



1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
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www.halff.com

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APPROVED BY:

_____	_____
NAME	DATE
_____	_____
NAME	DATE



Know what's below.
Call before you dig.

THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE GEORGETOWN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 (DIG TESS) 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

FILE NAME: A:\539005\53990\001\LA\CADD\Sheets\Excavation Package\LO_00-33890.dwg DATE: January 17, 2024, TIME: 4:28 PM, USER: ah4341 AVO: 53990.001

GENERAL NOTES FOR CONSTRUCTION ACTIVITIES:

- 1. ALL WORK SHALL CONFORM TO THE CITY OF MESQUITE'S GENERAL DESIGN STANDARDS. IN THE EVENT AN ITEM OF WORK IS NOT COVERED IN THE PLANS OR THE CITY OF MESQUITE GENERAL DESIGN STANDARDS, THE MOST CURRENT NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE MOST CURRENT VERSION OF TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES SHALL APPLY WITH CONCURRING NOTIFICATION TO THE CITY ENGINEER AND THE PROJECT ENGINEER. THE CITY ENGINEER SHALL HAVE FINAL DECISION ON ALL CONSTRUCTION MATERIALS, METHODS, AND PROCEDURES.
2. ALL CONTRACTORS AND DEVELOPERS, WITH THEIR EMPLOYEES AND AGENTS, SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ORDINANCES RULES, REGULATIONS AND ORDERS OF ANY PUBLIC AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY TO PROTECT THEM FROM DEATH, INJURY, DAMAGE OR LOSS.
3. ALL COMMUNICATION BETWEEN THE CITY AND THE CONTRACTOR SHALL BE THROUGH THE ENGINEERING CONSTRUCTION INSPECTOR AND CITY ENGINEER ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE APPROPRIATE DEPARTMENT FOR INSPECTIONS OF WORK NOT FALLING UNDER THE ENGINEERING CONSTRUCTION PERMIT.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL HAVE IN THEIR POSSESSION ALL NECESSARY PERMITS, PLANS, LICENSES, ETC. CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UTILITY COMPANIES TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE COMPLETENESS AND ACCURACY OF THE UTILITY DATA SHOWN ON THE PLANS IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING, TRENCHING, OR DRILLING AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND / OR ANY OTHER UNDERGROUND UTILITIES NOT ON RECORD OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO UTILITIES IF THE DAMAGE IS CAUSED BY NEGLIGENCE OR FAILURE TO HAVE LOCATES PERFORMED.
i. TEXAS 811 811
ii. CITY OF MESQUITE UTILITIES 972-216-6940
iii. CITY OF MESQUITE TRAFFIC 972-216-6278
6. VERIFICATION OF THE CONDITION OF EXISTING CITY UTILITIES PRIOR TO CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL REQUEST FOR LINE LOCATES AS DIRECTED IN ITEM #5.
7. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING LANDSCAPE IRRIGATION SYSTEMS. DAMAGE TO EXISTING IRRIGATION SYSTEMS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION BY A LICENSED IRRIGATOR AT THE CONTRACTOR'S EXPENSE.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ADJACENT PROPERTIES DURING CONSTRUCTION. ANY REMOVAL OR DAMAGE TO EXISTING FACILITIES OR ADJACENT PROPERTIES SHALL BE REPLACED OR REPAIRED TO EQUAL OR BETTER CONDITION BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE ALL REPAIRS TO PRIVATE PROPERTY WITH THE PROPERTY OWNER. CONTRACTOR SHALL PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER FOR ALL COSTS RELATED TO ANY DAMAGE. FOR MORE DETAIL, REFER TO NCTCOG 107.24.
9. TESTING AND INSPECTION OF MATERIALS SHALL BE PERFORMED BY A COMMERCIAL TESTING LABORATORY APPROVED BY THE CITY. CONTRACTOR SHALL FURNISH MATERIALS OR SPECIMENS FOR TESTING, AND SHALL FURNISH SUITABLE EVIDENCE THAT THE MATERIALS PROPOSED TO BE INCORPORATED INTO THE WORK ARE IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TESTING AND RE-TESTING COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FOR MORE DETAIL, REFER TO NCTCOG 106.5.
10. CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
11. ALL SHOP DRAWINGS, WORKING DRAWINGS OR OTHER DOCUMENTS WHICH REQUIRE REVIEW BY THE CITY SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF SCHEDULED CONSTRUCTION TO ALLOW NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE BY THE CITY.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CONSTRUCTION SURVEYING AND STAKING AND SHALL NOTIFY THE CITY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH ANY WORK. FOR MORE DETAIL, REFER TO NCTCOG 105.4.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SURVEY MARKERS INCLUDING IRON RODS, PROPERTY CORNERS, OR SURVEY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION AND OUTSIDE RIGHT-OF-WAY DURING CONSTRUCTION. ANY SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
14. CONTRACTOR SHALL NOT STORE MATERIALS, EQUIPMENT OR OTHER CONSTRUCTION ITEMS ON ADJACENT PROPERTIES OR RIGHT-OF-WAY WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROPERTY OWNER AND THE CITY. THE PROJECT SHALL NOT BE ACCEPTED UNTIL THE CONTRACTOR PROVIDES A LETTER FROM THE PROPERTY OWNER STATING THEY ARE SATISFIED WITH THE CONDITION OF THE PROPERTY.
15. UNUSABLE EXCAVATED MATERIAL OR CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF OFFSITE AT AN APPROVED DISPOSAL FACILITY BY THE CONTRACTOR.
16. ALL SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).

GENERAL NOTES FOR EROSION CONTROL/STORM WATER POLLUTION PREVENTION:

- 17. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF MESQUITE'S STORM WATER ORDINANCE, THE TDPS GENERAL CONSTRUCTION PERMIT TXR150000 AND ANY OTHER STATE AND/OR LOCAL REGULATIONS.
18. CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND DRIVEWAYS ADJACENT TO THE PROJECT FREE OF MUD AND DEBRIS AT ALL TIMES. CONTRACTOR SHALL CLEAN UP AND REMOVE ALL LOOSE MATERIAL RESULTING FROM CONSTRUCTION OPERATIONS. STOCKPILING OR STAGING OF MATERIALS WILL NOT BE ALLOWED IN RIGHT-OF-WAY WITHOUT PRIOR AUTHORIZATION. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. ANY DIRT, MUD OR DEBRIS TRACKED OFFSITE SHALL BE CLEANED UP BY THE CONTRACTOR IMMEDIATELY.
19. ALL EROSION CONTROL DEVICES SHOWN ON THE PLANS RELEASED FOR CONSTRUCTION SHALL BE INSTALLED IN ACCORDANCE WITH THE SWPPP SEQUENCING PRIOR TO COMMENCING ANY EARTH DISTURBING ACTIVITIES. FAILURE TO INSTALL THE EROSION CONTROL DEVICES BEFORE STARTING THE EARTH DISTURBING ACTIVITIES MAY RESULT IN SANCTIONS INCLUDING, BUT NOT LIMITED TO, WITHHOLDING OF RELEASE OF CONSTRUCTION PERMITS, INSPECTIONS, PAYMENT OF CITY FUNDED PORTIONS OF THE PROJECT, SUSPENSION OF CONSTRUCTION ACTIVITIES, OR CITATIONS. EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH THE PROJECT PLANS, CITY STORMWATER ORDINANCE AND/OR SWPPP AND CONSTRUCTION GENERAL PERMIT. THE CONTRACTOR SHALL INSPECT THE SITE DAILY AND KEEP THE SITE FREE OF TRASH AND CONSTRUCTION DEBRIS.
20. CONTRACTOR MUST EXECUTE AND KEEP A COPY OF THE CONSTRUCTION SITE NOTICE (CSN) FOR THOSE ACTIVITIES DISTURBING MORE THAN 1 ACRE AND A NOTICE OF INTENT (NOI) FOR THOSE ACTIVITIES DISTURBING 5 ACRES OR MORE.

GENERAL NOTES FOR TRAFFIC CONTROL:

- 21. CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH A TRAFFIC CONTROL PLAN AT LEAST 10 BUSINESS DAYS BEFORE ANY WORK ON A CITY STREET. TRAFFIC CONTROL MEASURES SHALL CONFORM TO THE LATEST REVISION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)
22. CONTACT TRAFFIC ENGINEERING DIVISION, 972-216-6917, AT LEAST 48 HOURS PRIOR TO WORK REQUIRING THE REMOVAL OR RELOCATION OF TRAFFIC SIGNS, TRAFFIC CONTROL EQUIPMENT OR OTHER TRAFFIC CONTROL APPURTENANCES. ONLY CITY TRAFFIC PERSONNEL SHALL REMOVE TRAFFIC SIGNS.
23. IN THE EVENT THE CONSTRUCTION WORK REQUIRES THE CLOSURE OF AN EXISTING STREET, ALLEY, OR FIRE LANE, THE CONTRACTOR SHALL REQUEST THE ROAD CLOSURE THROUGH THE CITY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE OF THE REQUESTED CLOSURE. CLOSURES WILL NOT BE ALLOWED PRIOR TO 9:00 A.M. OR AFTER 3:30 P.M. MONDAY THROUGH FRIDAY UNLESS OTHERWISE APPROVED BY THE CITY. IN THE EVENT A DRIVEWAY(S) NEEDS TO BE CLOSED, THE CONTRACTOR SHALL REQUEST THE DRIVEWAY CLOSURE THROUGH THE CITY INSPECTOR, WHO WILL IN TURN NOTIFY DISPATCH AND OTHER PERTINENT CITY DEPARTMENTS. CLOSURES ARE PROHIBITED DURING SCHOOL ZONES TIMES IN AND AROUND SCHOOLS.
24. IF THE CONSTRUCTION ZONE AFFECTS THE MOVEMENTS OF PEDESTRIANS, ADEQUATE PEDESTRIAN ACCESS AND WALKWAYS SHALL BE PROVIDED IN ACCORDANCE WITH THE DISABILITIES ACT AND ACCESSIBILITY GUIDELINES, PROWAG, TAS AND THE TMUTCD. WHERE DEVELOPMENTS OCCUR WITHIN 0.5 MILES OF A SCHOOL SITE, TEMPORARY SIDEWALKS MUST BE CONSTRUCTED CONNECTING THE DEVELOPMENT TO THE SCHOOL SITE. THE ROUTE SHALL BE APPROVED BY THE CITY ENGINEER. TEMPORARY SIDEWALKS MAY BE CONSTRUCTED WITH MATERIALS OTHER THAN CONCRETE. THE MATERIAL SHALL BE APPROVED BY THE CITY ENGINEER AND BE AN ALL-WEATHER MATERIAL OF A COLOR AND TEXTURE DISTINCTLY DIFFERENT FROM THE PERMANENT SIDEWALK.
25. OVERNIGHT LANE CLOSURES SHALL BE APPROVED BY CITY PRIOR TO CLOSING THE LANE. ANY LANE OR SHOULDER CLOSURE ON AN ARTERIAL ROAD THAT EXTENDS INTO THE NIGHT SHALL REQUIRE THE MANDATORY USE OF ARROW BOARDS.

GENERAL NOTES FOR PAVING

- 26. ABSOLUTELY NO EARTHWORK, LIME APPLICATION, OR OTHER PREPARATION OF THE SUBGRADE FOR PAVING OF STREETS, ALLEYS, SIDEWALKS, TRAILS, FIRE LANES OR OTHER TRANSPORTATION RELATED FLATWORK SHALL BE INITIATED WITHOUT AUTHORIZATION FROM THE CITY. THE CITY WILL AUTHORIZE THE SUBGRADE WORK IN PREPARATION FOR PAVING AFTER UTILITY TRENCH BACKFILL TESTING HAS BEEN COMPLETED AND VERIFIED TO MEET THE CITY REQUIREMENTS.
27. ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND THE TEXAS ARCHITECTURAL BARRIERS ACT. THE CITY OF MESQUITE HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, TEXAS ARCHITECTURAL BARRIERS ACT, OR ANY OTHER ACCESSIBILITY LEGISLATION, AND DOES NOT WARRANT OR APPROVE THESE PLANS FOR ANY ACCESSIBILITY STANDARDS. PRIOR TO PROJECT ACCEPTANCE, THE CONTRACTOR SHALL SUBMIT TO THE CITY DOCUMENTATION THAT THE PROJECT WAS INSPECTED BY A REGISTERED ACCESSIBILITY SPECIALIST, REGISTERED WITH THE TEXAS DEPARTMENT OF LICENSING AND REGULATION CERTIFYING THE PROJECT IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE TEXAS ARCHITECTURAL BARRIERS ACT.
28. ALL CONCRETE PAVING (STREETS, ALLEYS, SIDEWALKS, DRIVEWAYS) WITHIN CITY ROW SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI, CONTAINING A MINIMUM OF 6 SACKS OF CEMENT PER CUBIC YARD, WITH A SLUMP RANGE OF 1" TO 3" SLUMP FOR MACHINE POURS AND 3" TO 5" SLUMP FOR HAND POURS UNLESS OTHERWISE NOTED IN THE GENERAL DESIGN STANDARDS. ALL MATERIALS AND REQUIREMENTS FOR CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT NCTCOG ITEM "PORTLAND CEMENT CONCRETE PAVEMENT" WITH THE EXCEPTION THAT FLY ASH MAY BE SUBSTITUTED FOR UP TO 20% OF THE CEMENT CONTENT REQUIREMENT AT 1 TO 1.25 CEMENT TO FLY ASH SUBSTITUTION RATE.
29. ALL CONCRETE MUST BE MECHANICALLY VIBRATED. THE FORMING OF NEW STREET AND ALLEY PAVEMENT IS BY USING THE SLIP FORM METHOD. CONCRETE SHALL BE HAND PLACED AT INTERSECTIONS AND MISCELLANEOUS AREAS.
30. TEMPERATURE DURING CONCRETE PLACEMENT:
a. THE TEMPERATURE OF CONCRETE AS PLACED SHALL NOT EXCEED 95°F.
b. NO CONCRETE SHALL BE PLACED ON A FROZEN SUBGRADE.
c. IF THE AMBIENT AIR TEMPERATURE IS LESS THAN 40°F AND DROPPING CONCRETE SHALL NOT BE PLACED.
d. IF CONCRETE IS PLACED AND THERE IS AN ANTICIPATED LOW TEMPERATURE OF LESS THAN 40°F WITHIN 5 DAYS AFTER PLACEMENT THE CONCRETE MUST BE COVERED AND KEPT AT A TEMPERATURE OF NOT LESS THAN 50°F.
e. IN ALL CASES, CONCRETE SHOULD NOT BE KEPT AT A TEMPERATURE OF LESS THAN 50°F FOR A PERIOD OF 5 DAYS MINIMUM.
31. REINFORCING SHALL CONFORM TO ASTM A 615 AND BE A MINIMUM GRADE OF 60 PER ASTM A 370. REINFORCING STEEL BAR LAPS ARE TO BE 30 BAR DIAMETERS OR 15" PER ACI 318, WHICHEVER IS GREATER. A MINIMUM OF 50% OF REBAR INTERSECTIONS ARE TO BE SECURED WITH TIE WIRE AND SUPPORTED WITH CHAIRS. ALL REINFORCEMENT SHALL BE FREE FROM RUST, SCALE, OIL, PAINT AND OTHER SUBSTANCES WHICH PREVENT BONDING TO THE CONCRETE. UNLESS OTHERWISE SPECIFIED, STEEL SHALL BE PLACED AT HALF THE PAVEMENT DEPTH.
32. WHITE CURING COMPOUND IS TO BE APPLIED, PER MANUFACTURER'S RECOMMENDATIONS, TO ALL EXPOSED CONCRETE SURFACES (INCLUDING BACKS OF CURBS) IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS, PER ASTM C-309, TYPE 2, NCTCOG SECTION 303.2.13.1.1.
33. NO VEHICLE TRAFFIC SHALL BE PERMITTED ON NEWLY PAVED AREAS FOR SEVEN DAYS AFTER CONCRETE POUR OR UNTIL 3,000 PSI IS ACHIEVED.
34. ALL FILL AND LIME SUBGRADES SHALL BE PLACED IN MAXIMUM 8" COMPACTED LIFTS AND BE COMPACTED TO 95% STANDARD PROCTOR AT A MOISTURE RANGE OF 0% TO 6% OF OPTIMUM MOISTURE. MOISTURE LEVEL MUST BE MAINTAINED, BY WETTING OR APPLICATION OF ASPHALT EMULSION PRIME COAT (0.25 TO 0.50 GAL/SY) IF NECESSARY, UNTIL PLACING OF CONCRETE PAVING.

Table with 6 columns: MATERIAL, DESIGNATION, TEST, FREQUENCY, REQUIREMENTS, NOTES. Includes rows for SUBGRADE (ASTM D-6938, ASTM D-6988) and CONCRETE PAVING (ASTM C-143, ASTM C-231, ASTM C-1064, ASTM C-39, ASTM C-42, ASTM C-174).

NOTES: (1) PER LANE, TRENCH, ALLEY OR SIDEWALK

GENERAL NOTES FOR TRENCHING AND CONFINED SPACE

- 35. ALL EXCAVATION AND TRENCH OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH 29 CODE OF FEDERAL REGULATIONS (CFR), PART 1926, SUBPART P AND ALL OTHER APPLICABLE STATE AND CITY REGULATIONS. PRIOR TO COMMENCING ANY EXCAVATION OR TRENCHING OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE CITY ENGINEER A PLAN SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER INDICATING THE INTENDED PROCEDURES TO BE USED BY THE CONTRACTOR TO COMPLY WITH OSHA REQUIREMENTS. SUCH PLAN SHALL FURTHER IDENTIFY THE "COMPETENT PERSON" AS REQUIRED BY PARAGRAPH 1926.651(K)(1) THAT WILL WORK WITH EACH CREW. AN AFFIDAVIT FROM THE CONTRACTOR INDICATING THE COMPETENT PERSON MUST BE SUBMITTED WITH THE TRENCH SAFETY PLAN TO THE CITY ENGINEER. A COPY OF THE TRENCH SAFETY PLAN MUST BE ON THE JOB AT ALL TIMES. THE CITY RESERVES THE RIGHT TO DENY PAYMENT FOR ANY CONSTRUCTION ACTIVITIES IN EXCAVATIONS OR TRENCHES THAT ARE NOT IN ACCORDANCE WITH THE SUBMITTED PLAN. THE CITY DOES NOT APPROVE OR DISAPPROVE TRENCH SAFETY PLANS, BUT WILL RETAIN A FILE COPY.
36. IMPLEMENTATION OF TRENCH SAFETY SHALL COMPLY WITH SUBMITTED TRENCH SAFETY DESIGN PLAN. SUBMIT DESIGNATED COMPETENT PERSON WHO WILL BE ON-SITE FULL TIME AND IS CAPABLE OF IDENTIFYING EXISTING AND PREDICTABLE HAZARDS IN SURROUNDING OR WORK CONDITIONS WHICH ARE UNSANITARY, HAZARDOUS, OR DANGEROUS TO EMPLOYEES AND WHO HAS THE AUTHORIZATION TO TAKE PROMPT CORRECTIVE MEASURES TO ELIMINATE THEM. INSTALL, OPERATE, MAINTAIN, ADJUST, AND REMOVE TRENCH SAFETY EQUIPMENT, AND PRECAUTIONS IN ACCORDANCE WITH TRENCH SAFETY DESIGN.
37. ALL ENTRY INTO CONFINED SPACES SHALL BE CONDUCTED IN ACCORDANCE WITH 29 CODE OF FEDERAL REGULATIONS (CFR), PART 1910.147 P AND ALL OTHER APPLICABLE STATE AND CITY REGULATIONS. PRIOR TO COMMENCING ANY CONFINED SPACE ENTRY, THE CONTRACTOR SHALL SUBMIT TO THE CITY ENGINEER A COPY OF THE CONFINED SPACE ENTRY PLAN WITH A COMPLETED PERMIT.

GENERAL NOTES FOR UTILITIES

- 38. ALL WATER AND WASTEWATER MAINS THAT ARE PROPOSED TO BE ABANDONED WITHIN STREET ROW AND LESS THAN 10 FEET IN DEPTH, UNDER ANY MAJOR INTERSECTIONS, OR IN AREAS THAT COULD IMPACT MAJOR INFRASTRUCTURE, SHALL BE ABANDONED BY DRAINING THE EXISTING MAIN AND CUTTING AND FILLING THE EXISTING MAIN WITH GROUT.

GENERAL - 1

CITY OF MESQUITE, TEXAS
PUBLIC WORKS DEPARTMENT
STANDARD DETAILS

MESQUITE TEXAS
Real. Texas. Service.

WESTLAKE
SKATE PARK
MESQUITE, TEXAS

MESQUITE
T E X A S

half
1201 NORTH BOWSER RD.
DALLAS, TEXAS 75081-2275
TEL: (214) 346-6200

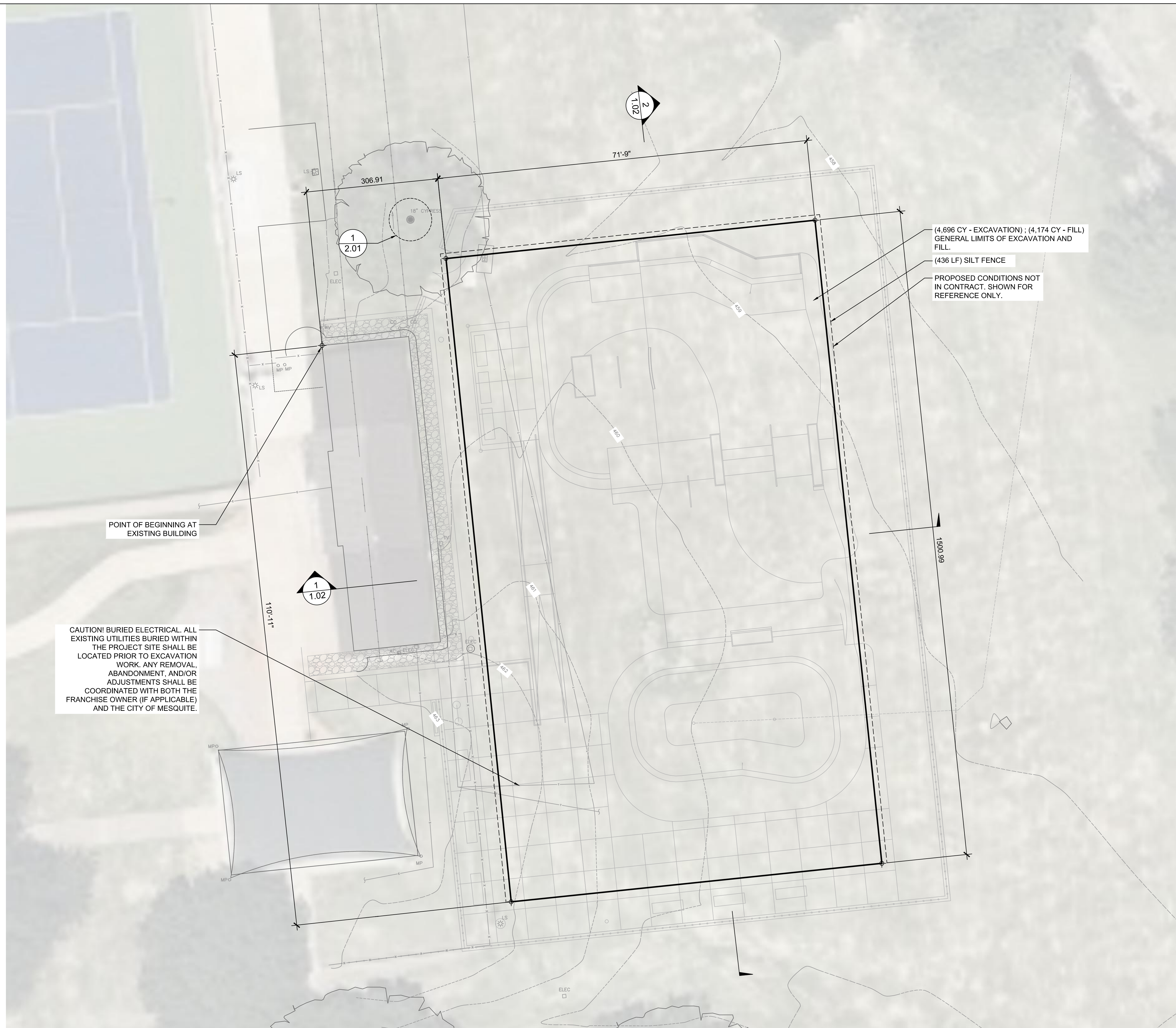
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PROJECT NO.: 53890.001
ISSUED: JANUARY 2024
DRAWN BY: MLS
CHECKED BY: JDB
SCALE: AS NOTED
SHEET TITLE
CITY OF MESQUITE
GENERAL NOTES

GENERAL DESIGN STANDARDS
STANDARD DETAILS
SCALE: N.T.S.
REVISION DATE: 05/17/2022
SHEET: G-GN

FILE NAME: \\halff\ap\ZNA\VO\53890\01\LA\CADD\Sheets\Excavation Package\1_100-33890.dwg DATE: January 17, 2024, TIME: 4:39 PM, USER: ah4341 AVO: 53890.001

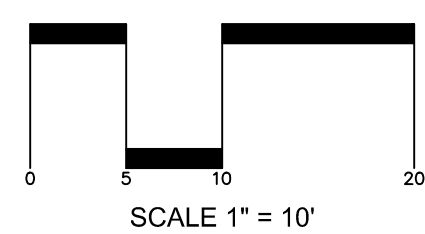


- NOTES:
- APPROXIMATE LIMITS OF EXCAVATION ARE SHOWN FOR GENERAL GUIDANCE ONLY.
 - CONTRACTOR TO FOLLOW EXCAVATION AND FILL PROCEDURES AND REQUIREMENTS PROVIDED IN THE "GEOTECHNICAL ENGINEERING STUDY, PROJECT NO. 117-23-335" DATED MAY 2023.
 - CONTRACTOR MAY FIND IT NECESSARY TO USE TEMPORARY SHORING. CONTRACTOR IS RESPONSIBLE FOR PREPARING THE TEMPORARY SHORING DESIGN AND FOR IMPLEMENTING THE TEMPORARY SHORING SYSTEM. DESIGN OF TEMPORARY SHORING SYSTEMS SHALL BE PREPARED BY A TEXAS LICENSED PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF SHORING SYSTEMS. SHORING DESIGN SHALL INCORPORATE RELEVANT DESIGN INFORMATION IN THE PROJECT GEOTECHNICAL ENGINEERING STUDY. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL GEOTECHNICAL INVESTIGATIONS AND DESIGN NECESSARY FOR THE SHORING SYSTEM.
 - CONTRACTOR TO FOLLOW CITY APPROVED EXCAVATION HAUL-OFF PROCEDURES AND ROUTES. CONTRACTOR IS RESPONSIBLE FOR THE PAYMENT OF ALL LANDFILL FEES.
 - IF GROUND-WATER IS ENCOUNTERED THE CONTRACTOR SHALL FOLLOW ALL DEWATERING REQUIREMENTS PER THE GEOTECHNICAL ENGINEERING STUDY.
 - TEMPORARY DRAINAGE FOR THE EXCAVATED PIT TO BE PROVIDED AND MAINTAINED BY THE CONTRACTOR DURING THE LENGTH OF CONSTRUCTION.
 - ALL EXISTING PAVEMENTS AND STRUCTURES ARE TO BE PROTECTED.
 - CONTRACTOR WILL REPAIR ALL DAMAGED SITE CONDITIONS CAUSED BY HAULING OPERATIONS.
 - CONSTRUCTION ENTRANCE LOCATION TO BE COORDINATED WITH THE CITY PRIOR TO INSTALLATION

(4,696 CY - EXCAVATION) ; (4,174 CY - FILL)
GENERAL LIMITS OF EXCAVATION AND FILL.
(436 LF) SILT FENCE
PROPOSED CONDITIONS NOT IN CONTRACT. SHOWN FOR REFERENCE ONLY.

CAUTION! BURIED ELECTRICAL. ALL EXISTING UTILITIES BURIED WITHIN THE PROJECT SITE SHALL BE LOCATED PRIOR TO EXCAVATION WORK. ANY REMOVAL, ABANDONMENT, AND/OR ADJUSTMENTS SHALL BE COORDINATED WITH BOTH THE FRANCHISE OWNER (IF APPLICABLE) AND THE CITY OF MESQUITE.

POINT OF BEGINNING AT EXISTING BUILDING

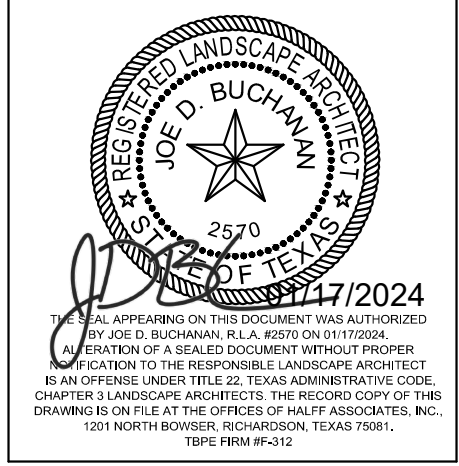


1 EXCAVATION PLAN
SCALE: 1" = 10'-0"

WESTLAKE
SKATE PARK
MESQUITE, TEXAS



REVISION NO.	DATE	DESCRIPTION

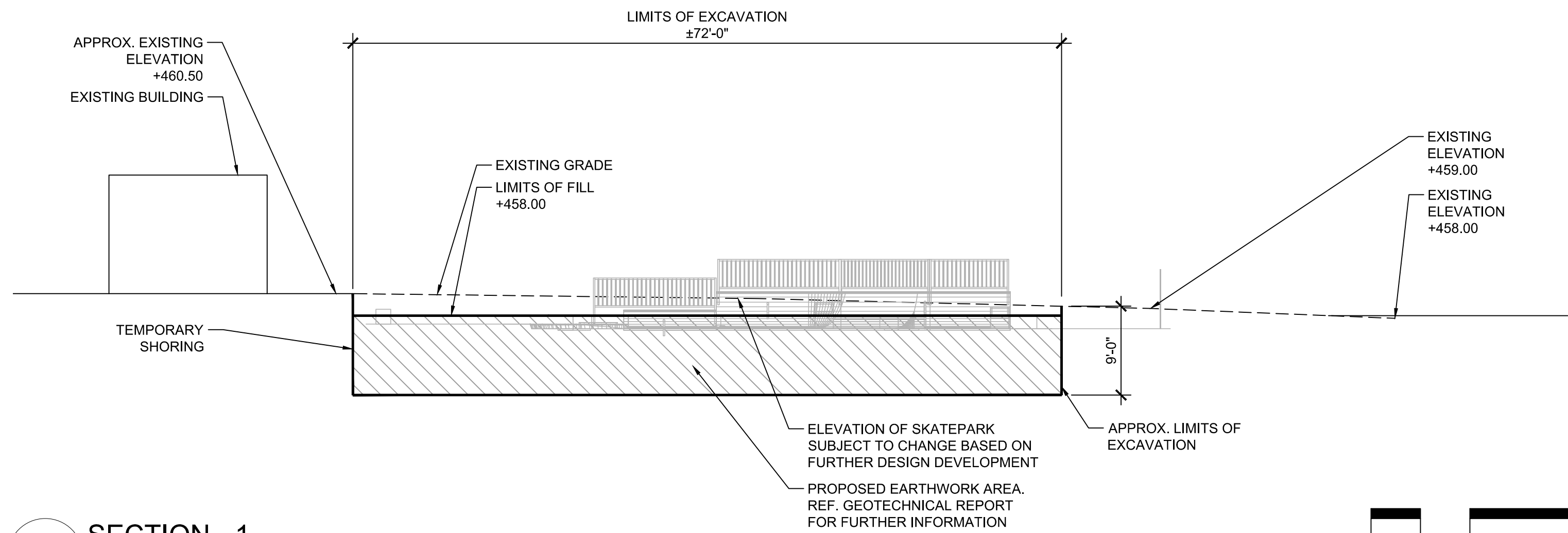


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ISSUED: JANUARY 2024
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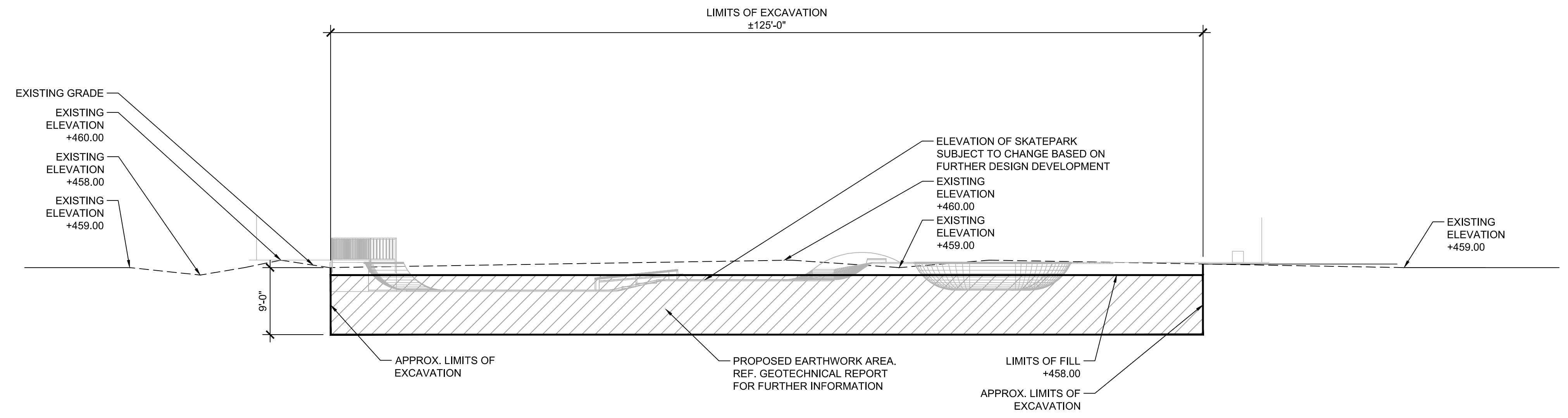
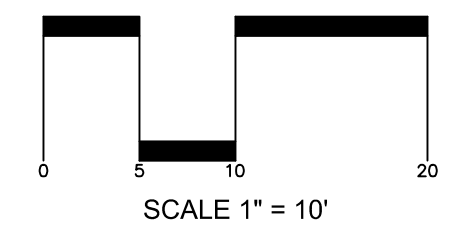
SHEET TITLE
EXCAVATION AND FILL PLAN

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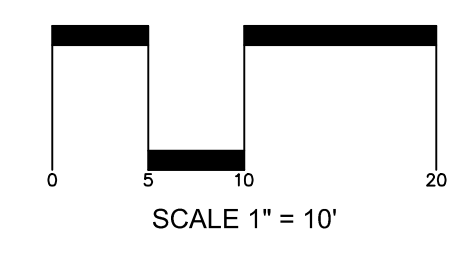
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1 SECTION - 1
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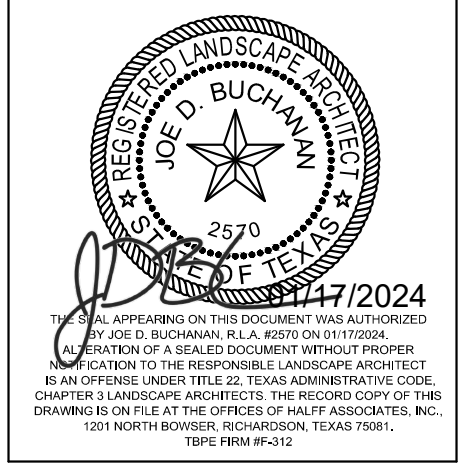
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WESTLAKE
SKATE PARK
MESQUITE, TEXAS



REVISION NO.	DATE	DESCRIPTION

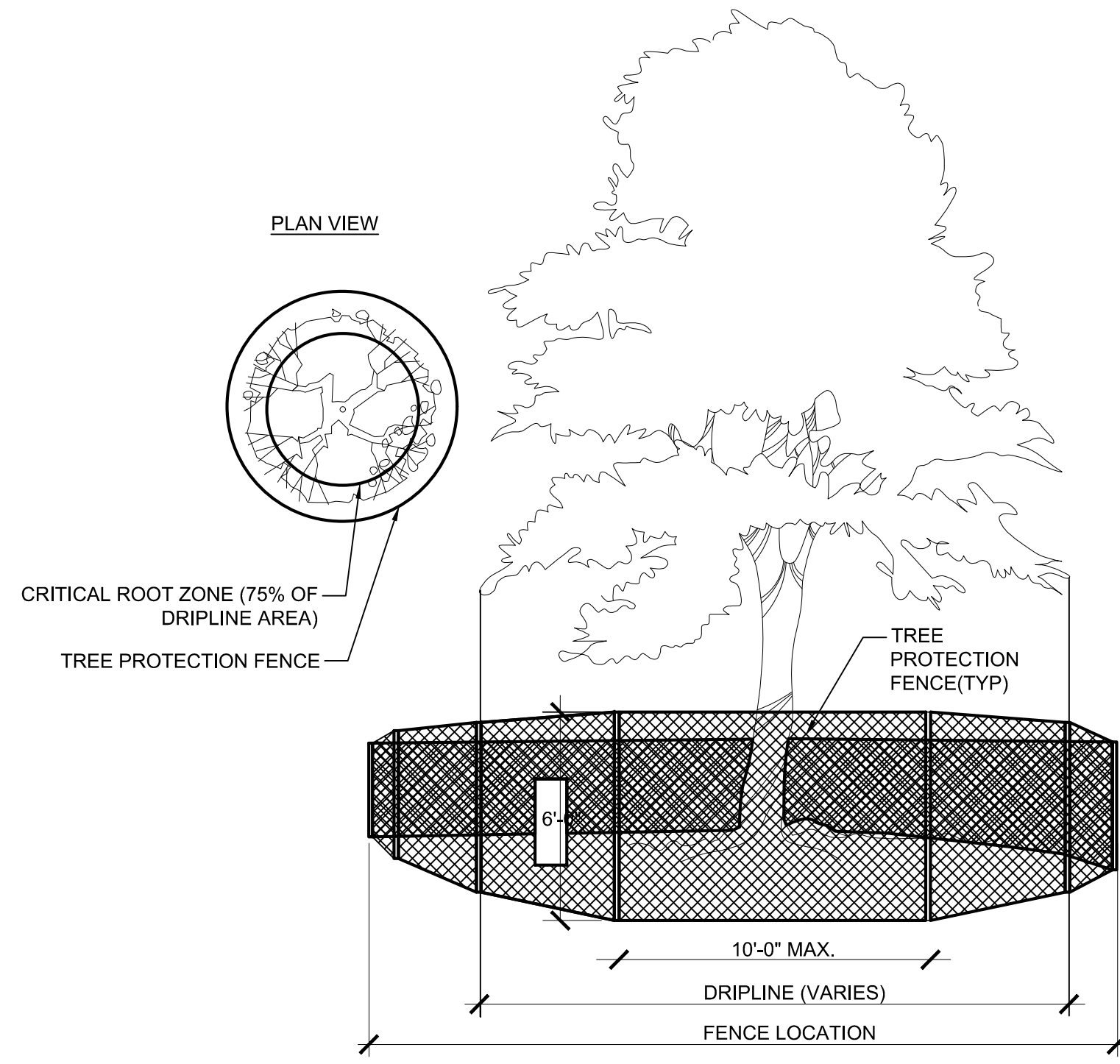


PROJECT NO.: 53890.001
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CHECKED BY: JDB
SCALE: AS NOTED
SHEET TITLE

SECTIONS

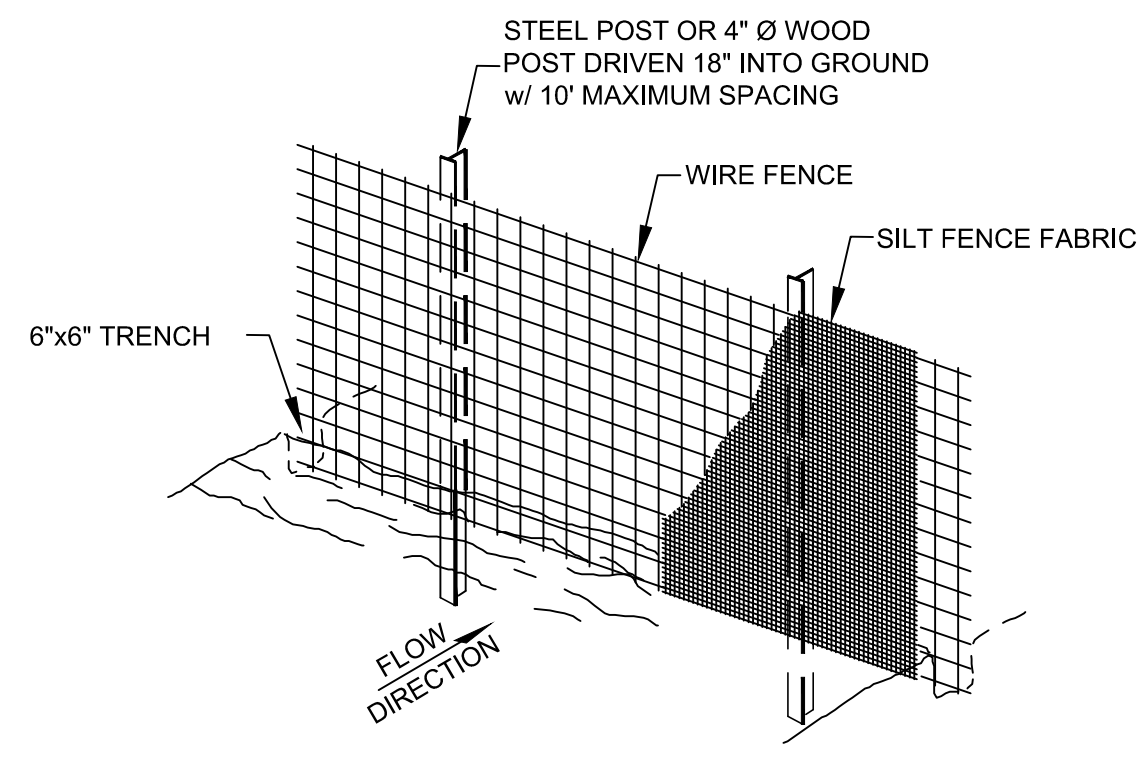
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FILE NAME: \\halff\ap\Z\A\VO\53890\01\LACADD\Sheets\Excavation Package\12.00-33890.dwg DATE: January 17, 2024, TIME: 4:29 PM, USER: ah4341 AVO: 53890.001



- NOTES:
- STANDARD PRESERVATION NOTES FOR TREE AND NATURAL AREA PROTECTION**
- ALL TREES SHOWN ON PLAN TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING.
 - PROTECTIVE FENCES SHALL BE INSTALLED PRIOR TO THE START OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING), AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.
 - EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP WITHIN TREE DRIP LINES.
 - PROTECTIVE FENCES SHALL SURROUND THE TREES OR GROUP OF TREES, AND WILL BE LOCATED NO CLOSER THAN THE OUTERMOST LIMIT OF BRANCHES (DRIP LINE) PLUS AN ADDITIONAL 2'-0" AWAY FROM THE LIMITS OF DRIFLINE IN ORDER TO PREVENT THE FOLLOWING:
 - SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OF MATERIALS;
 - ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL), OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE LANDSCAPE ARCHITECT;
 - WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT;
 - OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING AND FIRES.
 - EXCEPTIONS TO INSTALLING FENCES AT TREE DRIP LINES MAY BE PERMITTED AND APPROVED BY THE CITY IF THE FENCE NEEDS TO BE CLOSER THAN 4 FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8 FT.
 - TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
 - ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN 2 DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
 - NO LANDSCAPE TOPSOIL DRESSING GREATER THAN 2 INCHES SHALL BE PERMITTED WITHIN THE DRIP LINE OF TREES. NO SOIL OR MULCH IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
 - LIMBING & PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE DAMAGE OCCURS.
 - ALL FINISHED PRUNING SHALL BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES).

1 TREE PROTECTION DETAIL
SCALE: 3/8" = 1'-0"



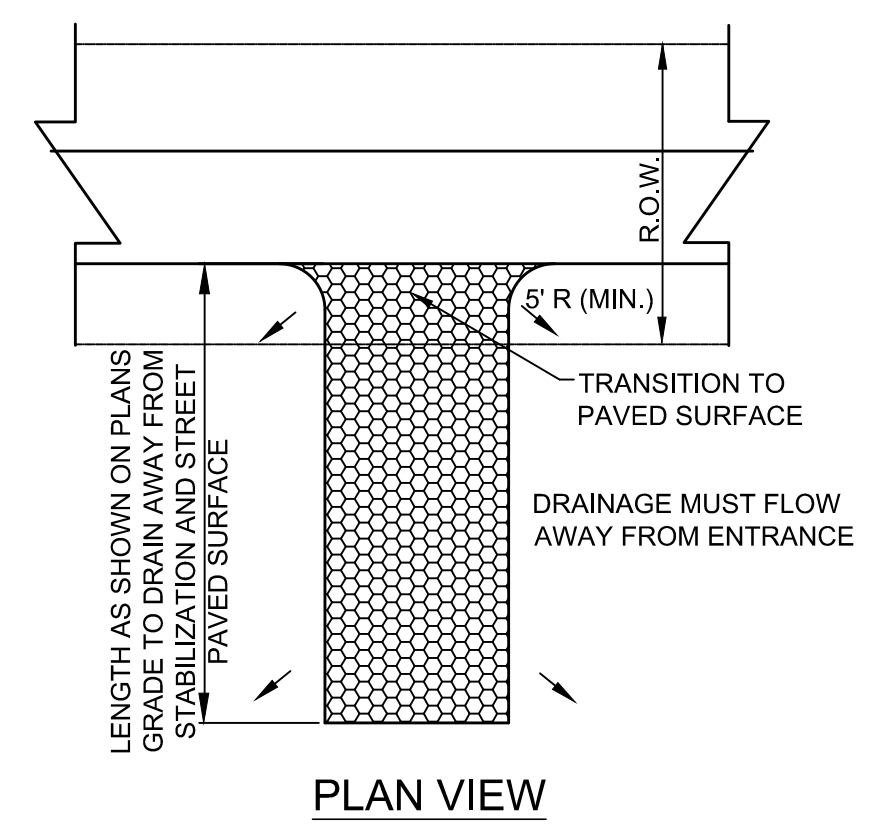
3 SILT FENCE DETAIL
N.T.S.

- NOTES:
- STEPS FOR CONSTRUCTION:**
- DRIVE POST 18" INTO GROUND AND EXCAVATE A 6"x6" TRENCH UPHILL ALONG THE LINE OF POST.
 - ATTACH WIRE FENCE TO THE POST AND EXTEND BOTTOM OF FENCE 6" INTO THE EXCAVATED TRENCH.
 - ATTACH THE SILT FABRIC TO THE WIRE FENCE AND EXTEND THE BOTTOM OF THE FABRIC 6" INTO THE TRENCH.
 - BACKFILL THE TRENCH WITH SOIL & COMPACT OR PLACE WASHED STONE TO THE HEIGHT OF 6" ABOVE GROUND LEVEL. BOTTOM OF FENCE MUST BE ANCHORED SO THAT RUNOFF IS FORCED THROUGH THE FENCE AND CAN NOT GO UNDER IT.
- INSPECTION & MAINTENANCE:**
- INSPECTION OF FENCES SHALL BE FREQUENT AND REPAIR OR REPLACEMENT MADE PROMPTLY AS NEEDED.
 - ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6" AND DISPOSED OF PER OWNER/ENGINEER.

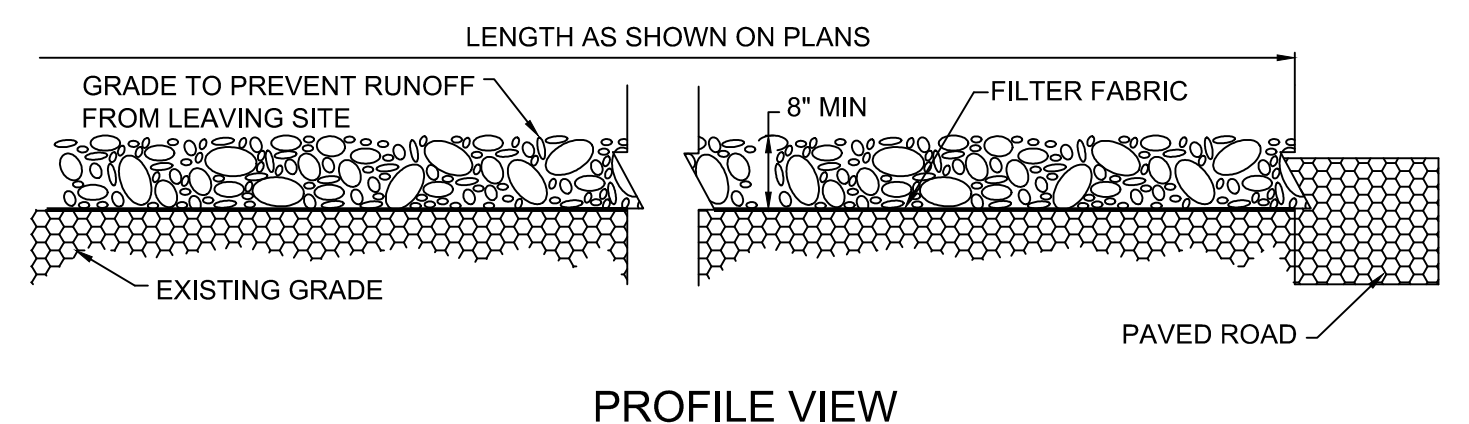
WESTLAKE
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MESQUITE
T E X A S

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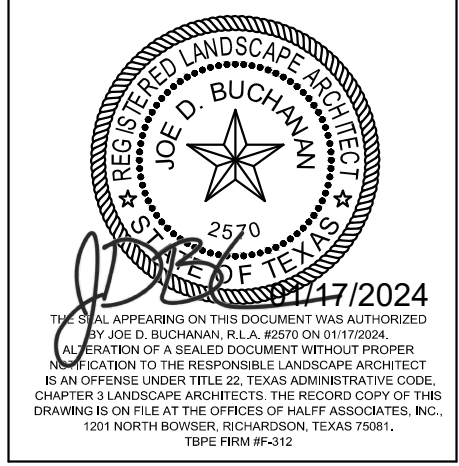


- NOTES:
- STABILIZED CONSTRUCTION ENTRANCE**
- CONTRACTOR SHALL LOCATE CONSTRUCTION ENTRANCE IN ACCORDANCE WITH OWNER DIRECTION PRIOR TO INSTALLATION.
 - STONE SHALL BE 5 TO 10 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.
 - LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.
 - THE THICKNESS SHALL NOT BE LESS THAN 8 INCHES.
 - THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
 - WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN FLASHING 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.
 - 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.
 - THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.



2 CONSTRUCTION ENTRANCE DETAIL
N.T.S.

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FILE NAME: \\halff\apf\ZNAV\VO53890\053890\01\LACADD\Drawings\Excavation Package\12-00-33890.dwg DATE: January 17, 2024, TIME: 4:29 PM, USER: ah4341 AVO: 53890.001

CONSTRUCTION NOTES

1. CONTRACTOR SHALL PREVENT ANY SILTATION FROM ENTERING THE STORMSEWER SYSTEM. ALL INLETS & INLET OPENINGS SHALL BE FULLY ENCIRCLED WITH SILT FENCE DURING AND AFTER CONSTRUCTION OF INLET.
2. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
3. MAINTAIN EROSION CONTROL MEASURES AFTER EACH RAIN AND AT LEAST ONCE A WEEK.
4. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE; AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
5. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
6. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
7. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
8. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
9. CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.

EROSION CONTROL NOTES

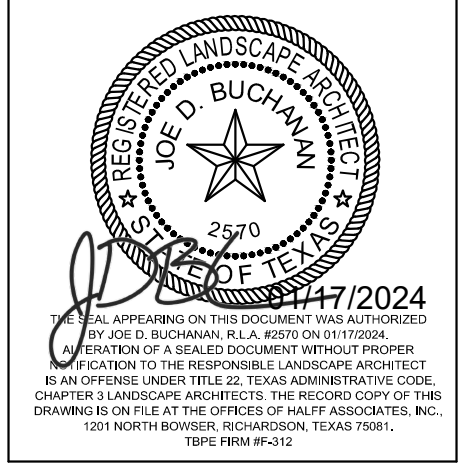
1. ALL WASH WATER SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN WASH WATER POLLUTANTS AND STORM RUNOFF DISCHARGED FROM THIS SITE.
2. OIL AND GREASE ABSORBING MATERIALS SHALL BE READILY AVAILABLE ON-SITE AND SHALL BE PROMPTLY USED TO CONTAIN AND/OR CLEAN UP ALL FUEL OR CHEMICAL SPILLS OR LEAKS.
3. DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DRY, EXPOSED AREAS ON A REGULAR BASIS. SPRAYING OF PETROLEUM BASED OR TOXIC LIQUIDS FOR THIS IS **PROHIBITED**.
4. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAS CEASED FOR AT LEAST FOURTEEN DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
5. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE PERMANENTLY SEEDED WITHIN SEVEN DAY PER LANDSCAPING SPECIFICATIONS.
6. ALL VEHICLES SHALL BE CLEANED AT THE CONSTRUCTION EXIT POINTS ACCORDING TO NOTES SHOWN ON THE DETAIL THEREOF.
7. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT ROADWAYS BY VEHICLES EXITING THE SITE SHALL BE CLEANED OR REMOVED IMMEDIATELY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPT REMOVAL OF ALL ACCUMULATED SILT IN THE STORM SEWER SYSTEM AND ALONG SILT FENCES.
9. SILT FENCES SHALL BE PLACED AROUND ANY STOCKPILES USED ON THIS SITE.
10. ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH U.S.E.P.A. STORMWATER POLLUTION REGULATIONS SHALL BE IMPLEMENTED BY THE CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER.
11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE WITHIN THIRTY DAYS AFTER STABILIZATION OF ALL SURFACES.
12. THE CONTRACTOR SHALL ASSUME LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCEDURES SHOWN AND NOTED IN THESE PLANS.
13. WHENEVER DIRT, ROCK, OR OTHER MATERIALS ARE EXPORTED FOR USE OFF OF THE PRIMARY CONSTRUCTION SITE, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THAT EPA STORM WATER PERMITTING REQUIREMENTS ARE MET. PRIOR TO ANY EXPORT OF MATERIALS, THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH A WRITTEN AGREEMENT WITH ANY LANDOWNER WHO WILL RECEIVE EXPORTED MATERIALS, STATING THAT THE SITE WILL BE PROPERLY PERMITTED WHEN REQUIRED AND DESCRIBE THE EROSION CONTROL MEASURES WHICH WILL BE USED. AT A MINIMUM, EROSION CONTROL MEASURES MUST CONSIST OF PERIMETER CONTROLS (HAY BALES OR SILT FENCES) ON ALL DOWNSLOPES AND SIDESLOPE BOUNDARIES OF ANY DISTURBED AREA, PLUS PROVISIONS FOR REVEGETATION AFTER THE FILL MATERIALS ARE IN PLACE.
14. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND IMPLEMENTING A STORM WATER POLLUTION PLAN (SWP3) IN ACCORDANCE WITH TCEQ TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) PERMIT NO TXR150000 (PERMIT). THE DETAILS SHOWN ON THIS SHEET REPRESENT TYPICAL METHODS FOR CONTROLLING EROSION DURING CONSTRUCTION AND ARE INTENDED FOR THE CONTRACTORS GUIDANCE IN PREPARING HIS POLLUTION PREVENTION PLAN. THE CONTRACTORS PLAN SHALL COMPLY WITH THE PERMIT AND FEDERAL, STATE, AND LOCAL REQUIREMENTS.
15. THE CONTRACTORS PLAN SHALL INCLUDE, BUT NO BE LIMITED TO, PREPARATION AND SUBMITTAL OF A NOTICE OF INTENT (NOI) TO THE TCEQ, IF THE PROJECT IS 5 ACRES OR LARGER AND PREPARATION OF ALL PLANS AND DOCUMENTATION AS REQUIRED BY THE PERMIT.
16. IT IS THE INTENT OF THE INFORMATION PROVIDED ON THESE DOCUMENTS TO BE USED AS A GENERAL GUIDELINE FOR THE CONTRACTOR. THE SWP3 TO BE PREPARED BY THE CONTRACTOR SHALL MEET THE CURRENT REQUIREMENTS SET FORTH IN THE TCEQ'S TPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITES AS WELL AS ANY LOCAL REQUIREMENTS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL DURING CONSTRUCTION AND FOR OBTAINING ANY REQUIRED CONSTRUCTION RELATED DRAINAGE PERMITS, OR MAKING ANY CONSTRUCTION RELATED NOTIFICATIONS. AN INSPECTION REPORT THAT SUMMARIZES INSPECTION ACTIVITIES AND IMPLEMENTATION OF THE SWP3 SHALL BE PERFORMED AS REQUIRED BY THE PERMIT AND RETAINED BY THE CONTRACTOR AND MADE A PART OF THE CONSTRUCTION DOCUMENTS INCLUDING, BUT NOT LIMITED TO, INSPECTION RECORDS, ORIGINAL PLANS, AND MODIFIED PLANS TO THE OWNER AT CONTRACT CLOSE OUT. DURING CONSTRUCTION THE CONTRACTOR SHALL PROVIDE COPIES OF THE INSPECTION REPORTS TO THE OWNER ON A MONTHLY BASIS.
18. TEMPORARY STORM DRAINAGE AND/OR EROSION CONTROL MATERIAL SHALL BE SUITABLE FOR THIS APPLICATION AND SHALL BE INSTALLED WITH THE PROPER TECHNIQUES BY THE CONTRACTOR AS REQUIRED BY NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THE TEMPORARY STORM DRAINAGE AND/OR EROSION CONTRAIL MATERIAL SHALL BE REMOVED BY THE CONTRACTOR, IN ADDITION TO ANY EXCAVATIONS BACK FILLED BY THE CONTRACTOR IN ACCORDANCE WITH NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION WHEN TEMPORARY EROSION CONTROL DEVICES ARE NO LONGER NEEDED AS SPECIFIED IN THE PERMIT. MAINTENANCE OF THE PERMANENT EROSION CONTROL MEASURES AT THE SITE WILL BE ASSUMES BY THE OWNER AT CONTRACT CLOSE OUT AND ACCEPTANCE OF THE WORK.
19. THE CONTRACTOR SHALL MAINTAIN HIS SWP3 IN ACCORDANCE WITH THE TCEQ PERMIT AND MAKE HIS SWP3 AVAILABLE, UPON REQUEST, TO THE TCEQ, AND/OR CITY.
20. THE CONTRACTOR MUST AMEND HIS SWP3 WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE SWP3, OR WHEN THE EXISTING SWP3 PROVES INEFFECTIVE.
21. MODIFICATIONS SHALL NOT COMPROMISE THE INTENT OF THE REQUIREMENTS OF THE PERMIT. MODIFICATIONS INCLUDING DESIGN AND ALL ADDITIONAL MATERIALS AND WORK SHALL BE ACCOMPLISHED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
22. THE CONTRACTOR SHALL INSPECT HIS STABILIZATION AND EROSION CONTROL MEASURES AR A MINIMUM OF ONCE EVERY 14 DAYS, AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES, OR ONCE EVERY 7 DAYS, THE CONTRACTOR SHALL REPAIR INADEQUACIES REVEALED BY THE INSPECTION BEFORE THE NEXT STORM EVENT AND HE SHALL MODIFY HIS SWP3 WITHIN 7 DAYS OF THE NEXT INSPECTION.
23. THE CONTRACTOR SHALL ADOPT AND IMPLEMENT APPROPRIATE CONSTRUCTION SITE MANAGEMENT PRACTICES TO PREVENT THE DISCHARGE OF OILS, GREASE, PAINTS, GASOLINE, AND OTHER POLLUTANTS TO STORM APPROPRIATE PRACTICES SHALL INCLUDE, BUT NOT BE LIMITED DESIGNATING AREAS FOR EQUIPMENT MAINTENANCE AND REPAIR, COLLECTING WASTES PERIODICALLY, MAINTAINING CONVENIENTLY LOCATED WASTE RECEPTACLES, AND DESIGNATING AND CONTROLLING EQUIPMENT WASHDOWN.
24. BORROW AREAS, IF EXCAVATED, SHALL BE PROTECTED AND STABILIZED BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE OWNER AND IN ACCORDANCE WITH PERMIT REQUIREMENTS.

25. ALL NON-PAVED AREAS SHALL BE SEEDED AND MULCHED WITH EROSION PROTECTION GRASS BY THE CONTRACTOR IMMEDIATELY UPON COMPLETION OF FINAL GRADING. THIS INCLUDES ALL DITCHES AND EMBANKMENTS. THE CONTRACTOR SHALL MAINTAIN FINAL GRADING, AND KEEP SEEDED AREAS WATERED UNTIL FULLY ESTABLISHED AND ACCEPTED BY OWNER.
26. THE CONTRACTOR SHALL CONSTRUCT A SILT FENCE AT LOCATIONS SUGGESTED ON PLANS AS APPROPRIATE OR AS MODIFIES IN HIS SWP3 TO FIT SITE CONDITIONS AT THE TIME OF PLACEMENT, AND ALL BORROW AND STOCK PILE AREAS. THE SILT FENCE SHALL BE CONSTRUCTED AS DETAILED ON THIS PLAN. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN IT REACHES A DEPTH OF 6 INCHES. THE CONTRACTOR SHALL DISPOSE OF THE REMOVED SILT IN A LOCATION APPROVED BY THE OWNER AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO EROSION AND SEDIMENTATION. THE CONTRACTOR SHALL REMOVE THE SILT FENCE WHEN THE SITE IS COMPLETELY STABILIZED IN ACCORDANCE WITH THE PERMIT.
27. THE CONTRACTOR SHALL DESIGNATE MATERIAL AND EQUIPMENT STORAGE AREAS MUTUALLY AGREED TO BY THE OWNER. THE STORAGE AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, AND THE SURFACE STABILIZED WITH A MINIMUM OF 2 INCHES OF COMPACTED FLEX BASE ON 6 INCHES OF SCARIFIED AND RECOMPACTED SUBGRADE BY THE CONTRACTOR. A SILT FENCE SHALL BE INSTALLED BY THE CONTRACTOR AROUND THE STORAGE AREAS TO PREVENT ERODED MATERIAL FROM LEAVING THE SITE.
28. ALL INLETS (ONSITE AND OFFSITE) RECEIVING DRAINAGE WATER FROM DISTURBED AREAS SHALL BE PROTECTED BY THE CONTRACTOR AS PER DETAILS SHOWN OR OTHER OWNER APPROVED METHODS TO PREVENT ERODED MATERIAL FROM BEING TRANSPORTED INTO INLETS. THE INLET PROTECTION SHALL BE CONSTRUCTED AS SHOWN ON THESE PLANS.
29. THE NOTES AND DETAILS CONTAINED HEREIN SO NOT RELIEVE THE CONTRACTOR AND OWNER OF MEETING AND IMPLEMENTING THE REQUIREMENTS OF THE PERMIT.

WESTLAKE
SKATE PARK
MESQUITE, TEXAS



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