

TREE PRESERVATION SPECIAL CONSTRUCTION TECHNIQUES:

1. PRIOR TO EXCAVATION WITHIN TREE DRIFTLINES, OR THE REMOVAL OF TREES ADJACENT TO OTHER TREES THAT ARE TO REMAIN, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE ROOT DAMAGE.
2. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DURING CONSTRUCTION WITH FENCING, AND WHERE HEAVY VEHICULAR TRAFFIC IS ANTICIPATED, COVER THOSE AREAS WITH FOUR (4) INCHES OF ORGANIC MULCH TO BE PRODUCED ON SITE, TO MINIMIZE SOIL COMPACTION.
3. PERFORM ALL GRADING WITHIN CRITICAL ROOT ZONE AREAS WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE.
4. WATER ALL TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES DEEPLY AS NECESSARY DURING PERIODS OF HOT, DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
5. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.

ENVIRONMENTAL NOTES:

1. THE ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF AUSTIN RULES AND REGULATIONS.
2. THE CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES DURING SITE CONSTRUCTION SUCH AS WATERING WITH IRRIGATION TRUCKS AND MULCHING AS PER EGM 1.4.5(D), OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
3. EXISTING STRUCTURES SHOWN TO BE REMOVED MAY REQUIRE A DEMOLITION PERMIT. THE CONTRACTOR IS TO OBTAIN ANY REQUIRED DEMOLITION PERMIT FROM THE COUNTY AND ANY CITY HAVING AUTHORITY OVER THIS PROJECT.
4. SILT FENCE TYPE AND INSTALLATION SHALL COMPLY WITH EGM 1.4.2(G).
5. THE CONTRACTOR WILL CLEAN UP SPOILS THAT MIGRATE ONTO THE ROADS A MINIMUM OF ONCE DAILY.
6. IF DISTURBED AREA IS NOT TO BE WORKED FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TARP OR REVEGETATION MATTING.

NOTE:
ALL SPOILS ARE TO BE PLACED BACK IN TRENCH EVERY NIGHT; OR IF SPOILS ARE TO REMAIN OVERNIGHT, SPOILS MUST BE PLACED ON THE UPHILL SIDE OF TRENCH WITHIN THE LOC.

NOTE:
CONTRACTOR SHALL PROVIDE AND MAINTAIN A DEWATERING SYSTEM TO ENSURE IT MEETS COMPLIANCE WITH TITLE 6, ARTICLE V OF THE AUSTIN CITY CODE. THE DEWATERING PLAN MUST BE APPROVED BY THE ENVIRONMENTAL INSPECTOR DURING THE PRE-CONSTRUCTION CONFERENCE. IF THE PERFORMANCE OF THE DEWATERING SYSTEM IS NOT IN COMPLIANCE, THE CONTRACTOR MUST IMMEDIATELY MAKE THE NECESSARY MODIFICATIONS, FOLLOWING THE ENVIRONMENTAL INSPECTOR'S DIRECTION, TO ENSURE ADEQUATE SYSTEM PERFORMANCE.

REMOVE 1" OF EXISTING PAVEMENT PER DETAIL 12 ON SHEET 22.

STABILIZED CONSTRUCTION ENTRANCE AS PER DETAIL 6415-1 ON SHEET 9.

CONSTRUCTION STAGING AND TEMPORARY SPOILS AREA. 79.2x LF TRIANGULAR FILTER DIKE AS PER DETAIL 6285-1 ON SHEET 9.

SEE TREE NOTE 3 ON SHEET 7.

STABILIZED CONSTRUCTION ENTRANCE AS PER DETAIL 6415-1 ON SHEET 9.

LIMITS OF CONSTRUCTION (LOC) EQUAL PROPERTY LINE, TYP. IT IS SHOWN OUTSIDE OF PROPERTY LINE FOR CLARITY, TYP.

23.8x LF INLET PROTECTION AS PER DETAIL 1 ON SHEET 9.

SEE TREE NOTE 3 ON SHEET 7.

18" RCP OR PVC STORM PIPE.

PERPENDICULAR EROSION CONTROLS MUST BE INSTALLED EVERY 30 FEET AS THE TRENCH IS BACKFILLED.

TREES TO REMAIN BUT CONSIDERED TAKEN FOR COA CALCULATIONS.

CONCRETE WASHOUT AREA, VINYL-COIL WASHOUT SYSTEM (RIC SUPPLY, OR EQUAL (530-589-2007)), 34x LF SILT FENCE PER COA STD, DETAIL 6425-1 ON SHEET 9.

CONSTRUCTION STAGING AND TEMPORARY SPOILS AREA.

51.1x LF TRIANGULAR FILTER DIKE AS PER DETAIL 6285-1 ON SHEET 9.

210.1x LF SILT FENCE AS PER DETAIL 6425-1 ON SHEET 9.

SF TO BE MOVED PRIOR TO BEGINNING THIS PORTION OF WORK.

THIS WILL BE PERMANENT (SEE GRADING SHEETS 16-17).

CONSTRUCTION STAGING AND TEMPORARY SPOILS AREA. 28.8x LF TFD AS PER DETAIL 6285-1 ON SHEET 9.

18x LF INLET PROTECTION AS PER DETAIL 1 ON SHEET 9.

18x LF INLET PROTECTION AS PER DETAIL 1 ON SHEET 9.

12" RCP OR PVC STORM PIPE.

SEE TREE NOTE 3 ON SHEET 7.

18x LF INLET PROTECTION AS PER DETAIL 1 ON SHEET 9.

PERPENDICULAR EROSION CONTROLS MUST BE INSTALLED EVERY 30 FEET AS THE TRENCH IS BACKFILLED.

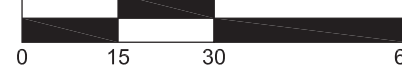
WATER QUALITY WITH STACKED DETENTION POND.

DEWATERING SKIMMER LOCATION: SEE FIGURE 1.4.5.K.1 ON SHEET 9.

15x LF MULCH SOCK AS PER DETAIL 6425-1 ON SHEET 9.

TOE IN NO MORE THAN 2 INCHES WHERE ROCK BERM WITHIN 1/2 ROOT ZONE.

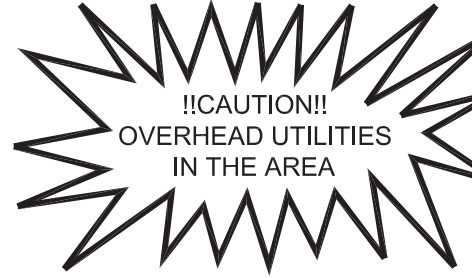
SCALE: 1" = 30'



LEGEND

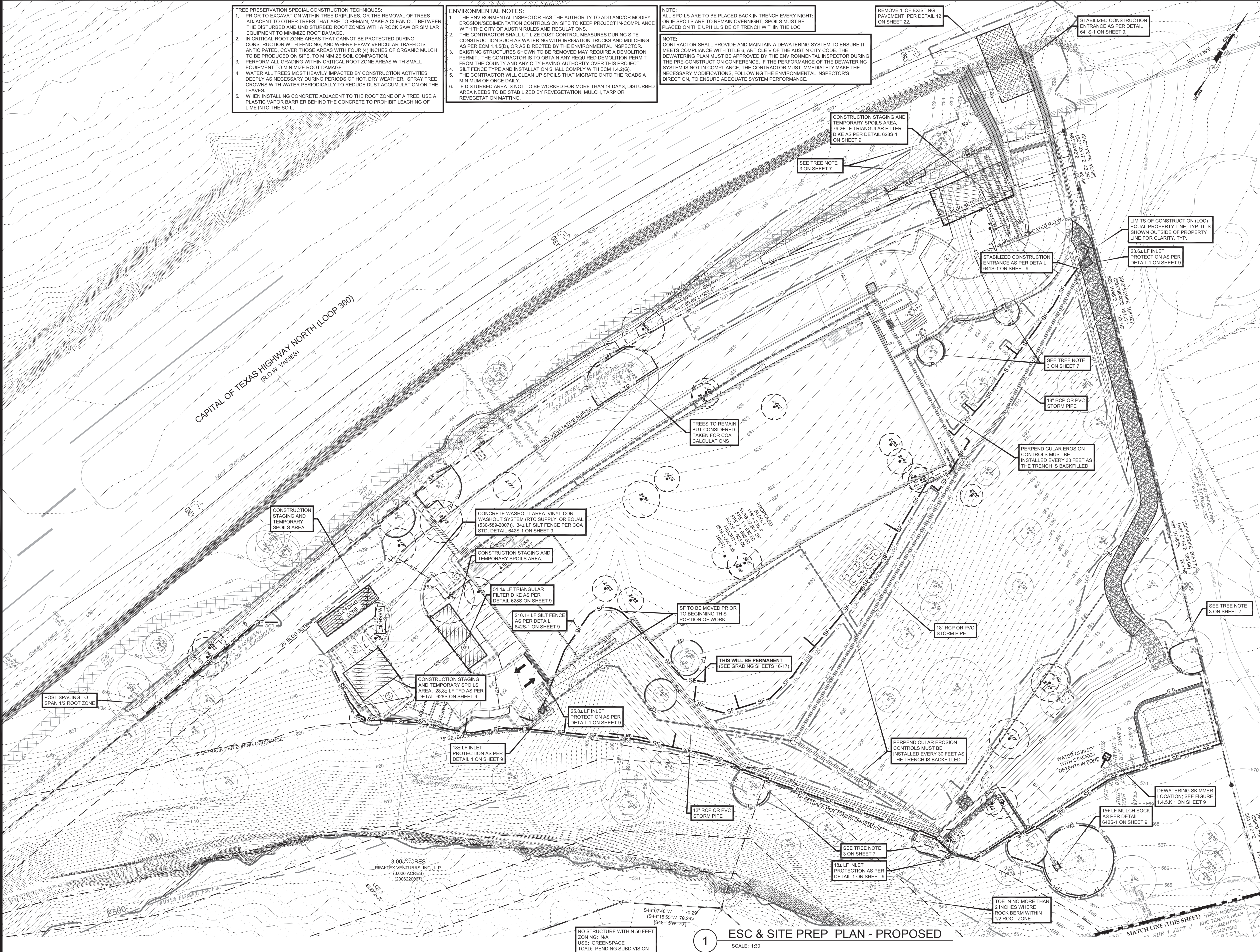
- (Symbol) TREE TO REMAIN
- (Symbol) TREE TO BE REMOVED
- (Symbol) PROTECTED TREE
- (Symbol) HERITAGE TREE
- (Symbol) TREE PROTECTION
- (Symbol) EXISTING WATER METER
- (Symbol) EXISTING FIRE HYDRANT
- (Symbol) EXISTING GATE VALVE
- (Symbol) EXISTING POWER POLE
- (Symbol) HATCHED ITEMS TO BE DEMOLISHED AND REMOVED
- (Symbol) STABILIZED CONSTRUCTION ENTRANCE
- (Symbol) CONSTRUCTION STAGING AND TEMP. SPOILS AREA
- (Symbol) LOC LIMITS OF CONSTRUCTION
- (Symbol) SF EROSION CONTROL SILT FENCE
- (Symbol) MS EROSION CONTROL MULCH SOCK
- (Symbol) TFD TRIANGULAR FILTER DIKE
- (Symbol) RB ROCK BERM
- (Symbol) IP STORM INLET PROTECTION
- (Symbol) EXISTING MINOR CONTOURS
- (Symbol) EXISTING MAJOR CONTOURS
- (Symbol) PROPOSED CONTOURS
- (Symbol) O/E EXISTING OVERHEAD ELECTRIC
- (Symbol) UT EXISTING UNDERGROUND TELEPHONE
- (Symbol) G EXISTING UNDERGROUND GAS
- (Symbol) W EXISTING WATER LINE
- (Symbol) WW EXISTING WASTEWATER LINE

SEE NOTES ON EXISTING ESC PLAN
NOTE: SEE EXISTING ESC PLAN FOR TREE LIST



1/26/24

DATE ISSUED	January, 2024
DESIGNED BY	RCT
DRAWN BY	RJTH/HR
JOB NUMBER	1774
SHEET	8 OF 35



NO STRUCTURE WITHIN 50 FEET ZONING: N/A USE: GREENSPACE (CAD: PENDING SUBDIVISION)

ESC & SITE PREP PLAN - PROPOSED
SCALE: 1:30

SPC-2023-0357C

DATE	
REVISION	