

CONSTRUCTION PLANS FOR
MARKET STREET
WINNSBORO, TEXAS
WOOD COUNTY
APRIL 2021

REVISIONS:

Preliminary Construction Documents Released: June 9, 2021
NOT FOR CONSTRUCTION



COVER SHEET
MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN: MEP
CHECKED: WHS
DATE: 6/9/2021
SCALE: AS SHOWN
JOB NO.: 20-051

L1

MAYOR

CAMRON WILCOX

MAYOR PRO-TEM

CRIS COLUMBUS

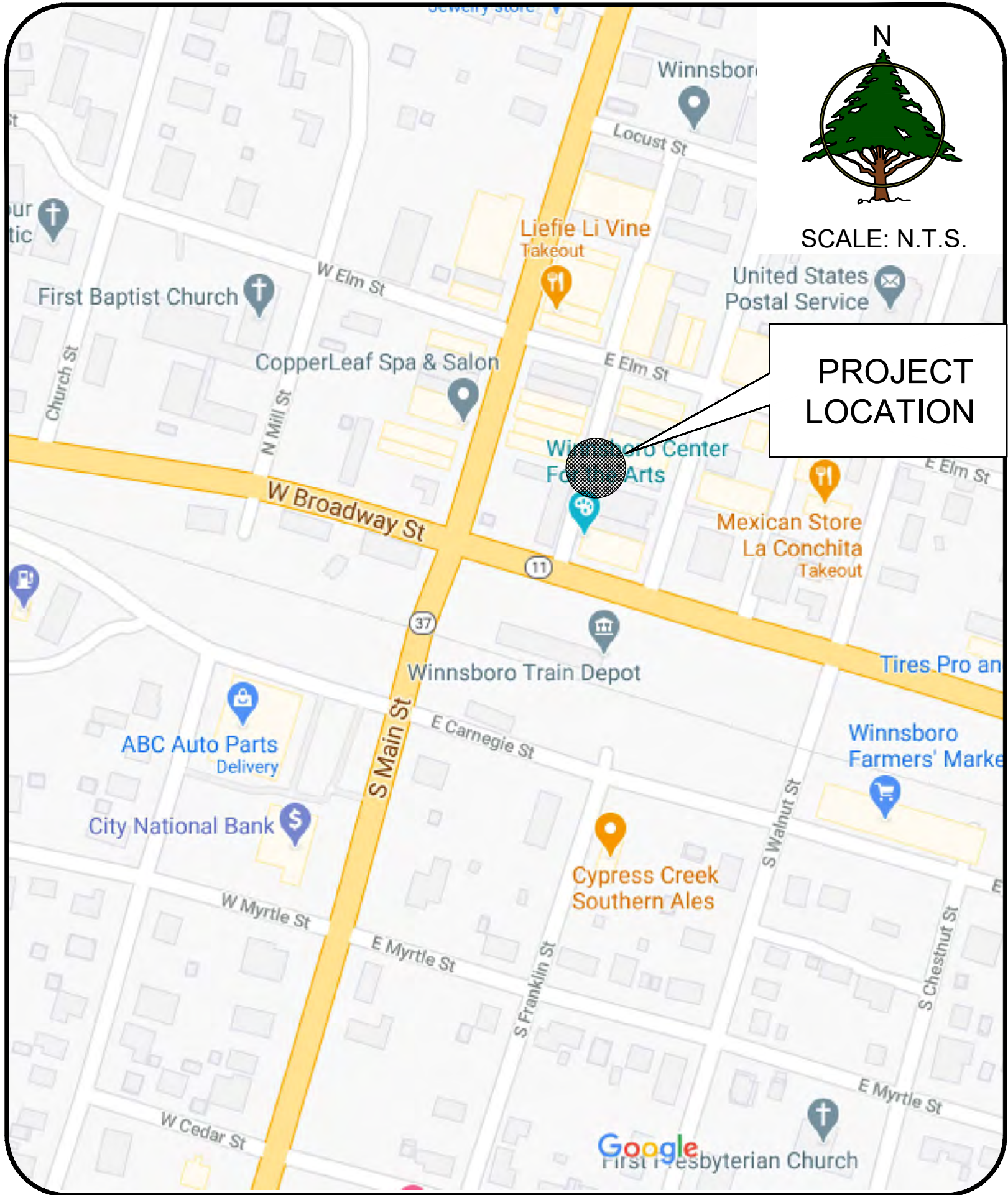
CITY COUNCIL

JIM HOLLOWELL
JOAN MORRIS
RANDY PARRISH
DAVID CORNING

**ECONOMIC DEVELOPMENT
CORPORATION DIRECTOR**

CRAIG LINDHOLM

VICINITY MAP



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Know what's below.
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L:\City of Winnsboro\20-051 Market Street Design\CAD\03 - Production\GENERAL NOTES.DWG

GENERAL CONSTRUCTION NOTES:

- ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL UTILITY LOCATIONS MAY VARY FROM THE LOCATIONS SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
- THESE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY PROVIDED BY PIERCE-MURRAY LAND SOLUTIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATION (HORIZONTAL/VERTICAL) OF ANY BURIED CABLES, CONDUITS, PIPES, AND STRUCTURES (STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, ETC.) WHICH IMPACT THE CONSTRUCTION SITE. THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION PLANS. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION (HORIZONTAL/VERTICAL) OF SAID CABLES, CONDUITS, PIPES, AND STRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS (PS&E), WHICH NEGATIVELY IMPACT THE PROJECT. THE ENGINEER AND OWNER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COST WHICH MAY RESULT FROM CONTRACTOR'S FAILURE TO NOTIFY ENGINEER AND OWNER.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, PAVEMENT, STRIPING, CURB, SIDEWALKS, DRIVEWAYS, FENCES, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS. DAMAGE TO ANY UTILITY SHALL BE REPAIRED BY THE UTILITY OWNER BUT AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURE. CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
- ALL WORK ON THESE PLANS SHALL BE DONE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.
- DURING CONSTRUCTION OF THESE IMPROVEMENTS, ANY DEVIATION FROM THESE SPECIFICATIONS WILL REQUIRE APPROVAL IN WRITING FROM THE OWNER AND HIS DESIGNEE BEFORE ANY CONSTRUCTION INVOLVING THAT DECISION COMMENCES.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND REQUIREMENTS. CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE UTILITY COMPANIES AND OWNER'S INSPECTING AUTHORITIES.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE PROTECTION OF ALL PROPERTY CORNER MONUMENTS, AND SHALL HAVE REPLACED, AT CONTRACTOR'S EXPENSE, ALL CORNER MONUMENTS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES.

EROSION CONTROL NOTES:

- EROSION CONTROL MEASURES SHALL BE REQUIRED DURING ALL PHASES OF CONSTRUCTION AND MAINTAINED TO FULLY FUNCTION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED THAN WHAT IS SHOWN ON THE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND IMPLEMENTING A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE TPDES.
- PLACE STABILIZATION FABRIC ON ALL SLOPES STEEPER THAN 3H:1V. CONTRACTOR SHALL PLACE FOUR (4) INCHES OF TOPSOIL (LOOSE) ON ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS UNLESS OTHERWISE NOTED ON LANDSCAPE PLANS. SEED OR SOD ALL DISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS AND MAINTAIN SAME UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. THE SPECIFIC PLANT MATERIALS PROPOSED TO PROTECT FILL AND EXCAVATED SLOPES SHALL BE SUITABLE FOR USE UNDER LOCAL CLIMATE AND SOIL CONDITIONS. IN GENERAL, HYDROSEEDING OR SODDING BERMUDA GRASS IS ACCEPTABLE DURING THE SUMMER MONTHS (MAY 1ST TO AUGUST 31ST). WINTER RYE OR FESCUE GRASS MAY BE PLANTED DURING TIMES OTHER THAN THE SUMMER MONTHS AS A TEMPORARY MEASURE UNTIL SUCH TIME AS THE PERMANENT PLANTING CAN BE MADE.
- AS INLETS ARE COMPLETED, TEMPORARY SEDIMENT BARRIERS SHALL BE INSTALLED.
- AT COMPLETION OF THE PAVING AND FINAL GRADING, THE DISTURBED AREA(S) SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS.
- SILT FENCE AND INLET SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL REVEGETATION HAS BEEN COMPLETED.
- DISTURBED AREAS THAT ARE SEEDED OR SODDED SHALL BE CHECKED PERIODICALLY TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. DISTURBED AREAS SHALL BE WATERED, FERTILIZED, AND RE-SEEDED OR RE-SODDED, IF NECESSARY.
- THERE IS TO BE ONE CONCRETE WASH-OUT PIT LOCATED ON THE SITE. THE LOCATION OF THIS WASH-OUT PIT IS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY DISPOSE OF ALL EXCESS CONCRETE MATERIAL.
- LOCATION OF CONSTRUCTION EXITS SHALL BE PLACED IN THE FIELD AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR WILL BE REQUIRED TO FILE A NOTICE OF INTENT (NOI) PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MONITOR SITE EROSION THROUGHOUT THE CONSTRUCTION PROCESS. ONCE THE PROJECT IS COMPLETED, THE CONTRACTOR SHALL FILE THE REQUIRED NOTICE OF TERMINATION (NOT) WITH THE EPA.
- ALL WASTE MANAGEMENT PRACTICES (EXISTING HAZARDOUS WASTE, SOLID WASTE, CONCRETE WASTE, ETC.) SHALL COMPLY WITH TCEQ REQUIREMENTS.

DEMOLITION NOTES:

- NO EARTH-DISTURBING ACTIVITIES SHALL COMMENCE UNTIL ALL PERIMETER EROSION CONTROL MEASURES ARE IN PLACE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN SITE MAP OR EROSION CONTROL PLAN AND THE SPECIFICATIONS.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH ALL REGULATIONS GOVERNING THE DEMOLITION, REMOVAL, TRANSPORTATION, AND DISPOSAL OF ALL DEMOLITION DEBRIS.
- THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS FOR DEMOLITION OF STRUCTURES.
- NOTES SHOWN HEREON REGARDING SPECIFIC ITEMS OF DEMOLITION ARE GENERAL IN NATURE, AND ARE NOT INTENDED TO BE WHOLLY INCLUSIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND DETERMINING THE EXTENT OF EXISTING IMPROVEMENTS TO BE REMOVED FROM THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY COMPANIES ON THE DISCONNECTION OR TERMINATION OF ANY UTILITIES SERVING THIS AREA.
- ALL FENCING AND OTHER MAN-MADE ELEMENTS, ETC., WITHIN CONSTRUCTION AREA, UNLESS OTHERWISE IDENTIFIED, SHALL BE REMOVED AND DISPOSED OF OFF SITE.
- REMOVAL OF ANY TREES OTHER THAN THOSE SPECIFIED IN THESE PLANS SHALL BE COORDINATED WITH THE OWNER. THIS REMOVAL SHALL INCLUDE THE ROOT BALL OF THE TREES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY REQUIRED DEMOLITION PERMITS.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION, SITE PREPARATION AND EARTHWORK FOR THIS PROJECT.

UTILITY NOTES:

- ALL WATER AND SEWER IMPROVEMENTS SHALL BE DESIGNED, CONSTRUCTED AND TESTED IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS AND CITY STANDARD DETAILS.
- ALL WATER MAINS, UNLESS OTHERWISE NOTED, SHALL HAVE A MINIMUM COVER OF 60 INCHES BELOW TOP OF GRADE. PROVIDE VALVE EXTENSIONS TO ALL VALVES ON LINES DEEPER THAN 60 INCHES.
- WHEN WATER MAINS AND SANITARY SEWERS ARE INSTALLED, THEY SHALL BE INSTALLED NO CLOSER TO EACH OTHER THAN NINE (9) FEET IN ALL DIRECTIONS, AND PARALLEL LINES MUST BE INSTALLED IN SEPARATE TRENCHES. WHERE THE NINE (9) FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE FOLLOWING GUIDELINES SHALL APPLY:
 - WHERE A SANITARY SEWER PARALLELS A WATERLINE, THE SEWER SHALL BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC MEETING ASTM SPECIFICATIONS WITH A PRESSURE RATING FOR BOTH THE PIPE AND JOINTS OF 150 PSI. THE VERTICAL SEPARATION SHALL BE A MINIMUM OF TWO FEET BETWEEN OUTSIDE DIAMETERS, AND THE HORIZONTAL SEPARATION SHALL BE A MINIMUM OF FOUR FEET BETWEEN OUTSIDE DIAMETERS. THE SEWER SHALL BE LOCATED BELOW THE WATERLINE.
 - WHERE A SANITARY SEWER CROSSES A WATERLINE AND THE SEWER IS CONSTRUCTED OF CAST IRON, DUCTILE IRON OR PVC WITH A MINIMUM PRESSURE RATING OF 150 PSI, AN ABSOLUTE MINIMUM DISTANCE OF 6 INCHES BETWEEN OUTSIDE DIAMETERS SHALL BE MAINTAINED. IN ADDITION, THE SEWER SHALL BE LOCATED BELOW THE WATERLINE WHERE POSSIBLE AND ONE LENGTH OF THE SEWER PIPE MUST BE CENTERED ON THE WATERLINE.
 - WHERE A SEWER CROSSES UNDER A WATERLINE AND THE SEWER IS CONSTRUCTED OF ABS TRUSS PIPE, SIMILAR SEMI-RIGID PLASTIC COMPOSITE PIPE, CLAY PIPE OR CONCRETE PIPE WITH GASKETED JOINTS, A MINIMUM TWO FOOT SEPARATION DISTANCE SHALL BE MAINTAINED. IN ADDITION, THE SEWER SHALL BE LOCATED BELOW THE WATERLINE WHERE POSSIBLE AND ONE LENGTH OF THE SEWER PIPE MUST BE CENTERED ON THE WATERLINE.
 - WHERE A SEWER CROSSES OVER A WATERLINE, ALL PORTIONS OF THE SEWER WITHIN NINE FEET OF THE WATERLINE SHALL BE CONSTRUCTED OF CAST IRON, DUCTILE IRON OR PVC PIPE WITH A PROCEDURE, THE NEW CONVEYANCE MAY BE ENCASED IN A JOINT OF 150 PSI PRESSURE CLASS PIPE AT LEAST 18 FEET LONG AND TWO NOMINAL SIZES LARGER THAN THE NEW CONVEYANCE. THE SPACE AROUND THE CARRIER PIPE SHALL BE SUPPORTED AT FIVE FEET INTERVALS WITH SPACERS OR BE FILLED TO THE SPRING LINE WITH WASHED SAND. THE ENCASEMENT PIPE SHOULD BE CENTERED ON THE CROSSING AND BOTH ENDS SEALED WITH CEMENT GROUT OR MANUFACTURED SEAL.
 - THE SEWER NEED NOT BE DISTURBED WHERE A NEW WATERLINE IS TO BE INSTALLED PARALLEL TO AN EXISTING SEWER THAT SHOWS NO EVIDENCE OF LEAKAGE AND THE WATERLINE IS INSTALLED ABOVE THE SEWER A MINIMUM OF TWO FEET VERTICALLY AND FOUR FEET HORIZONTALLY. SHOULD EXCAVATION FOR THE WATERLINE PRODUCE EVIDENCE THAT THE SEWER IS LEAKING, THE SEWER MUST BE REPAIRED OR REPLACED AS DESCRIBED IN SUBPARAGRAPHS (A) OR (D) OF THIS PARAGRAPH.
 - THE SEWER NEED NOT BE DISTURBED WHERE A NEW WATERLINE IS TO CROSS OVER (BY 2 FEET OR MORE) EXISTING SEWER SHOWING NO EVIDENCE OF LEAKAGE. SHOULD EXCAVATION FOR THE WATERLINE PRODUCE EVIDENCE THAT THE SEWER IS LEAKING, THEN THE SEWER MUST BE REPAIRED OR REPLACED AS DESCRIBED IN SUBSECTIONS (C) OR (D).
- VALVE BOXES SHALL BE FURNISHED AND SET ON EACH GATE VALVE. AFTER THE FINAL CLEANUP AND ALIGNMENT HAS BEEN COMPLETED, THE CONTRACTOR (UTILITY) SHALL POUR A CONCRETE BLOCK 24"x24"x6" AROUND ALL VALVE BOX TOPS SO THAT THE TOP OF BOX IS LEVEL WITH THE FINISHED GRADE.
- ALL WATER LINES SHALL BE INSTALLED WITH A MINIMUM VERTICAL SEPARATION BETWEEN STORM SEWER OF EIGHTEEN (18) INCHES. CONTRACTOR SHALL BE RESPONSIBLE FOR ADDING 45-DEG. BENDS WHERE NECESSARY TO ROUTE PROPOSED WATER LINES AROUND PROPOSED SANITARY OR STORM SEWERS.
- CITY UTILITY STANDARD DETAILS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THE ON SITE CONSTRUCTION DETAILS AND SITE WORK SPECIFICATIONS FOR ALL WORK SHOWN HEREIN.
- FIRE HYDRANTS SHALL BE PLACED 2' TO 6' FROM BACK OF CURB.
- FIRE HYDRANTS SHALL BE CITY APPROVED AND COLOR CODED.
- ALL GATE VALVES AND FITTINGS SHALL BE CITY APPROVED.
- MATERIALS AND INSTALLATION FOR ALL PROPOSED UTILITY LINES AND APPURTENANCES SHALL COMPLY WITH THE REQUIREMENTS IN THE SPECIFICATIONS.
- CONTRACTOR SHALL ON ALL WET UTILITIES, COORDINATE INSPECTION WITH APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE OWNERS INSPECTING AUTHORITIES.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE CITY UTILITY DEPARTMENT AS TO LOCATION AND SCHEDULING OF TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
- DIMENSIONS SHOWN ARE TO CENTER LINE OF PIPE OR FITTING OR TO CENTER OF MANHOLE.
- THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN PAVED AREAS SHALL MATCH FINISHED GRADE. THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN GRASSED AREAS SHALL BE SIX INCHES ABOVE FINISHED GRADE, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATERTIGHT.
- CONTRACTOR SHALL RAISE/LOWER OR ADJUST ALL EXISTING UTILITY MAINS IN CNFLICT WITH PROPOSED UTILITIES AS PART OF THE BASE BIDS FOR ALL KNOWN OR UNKNOWN LINES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL LINES TO BE INSTALLED BY THE UTILITY COMPANIES.
- IF ROCK IS ENCOUNTERED IN THE TRENCH, ROCK SPOILS SHALL NOT BE USED IN THE TRENCH. THE TRENCH SHALL BE BACKFILLED ONLY WITH QUALITY BACKFILL PER THE TECHNICAL SPECIFICATIONS.
- BACKFILL FOR UTILITY LINES SHALL BE CAREFULLY PLACED SO THAT IT WILL BE STABLE. WHERE UTILITY LINES PASS UNDER PAVED AREAS, THE TOP 6" OF BACKFILL SHALL BE COMPACTED SIMILARLY TO THE REMAINDER OF THE LOT. UTILITY TRENCHES SHALL BE VISIBLY INSPECTED DURING THE EXCAVATION PROCESS TO ENSURE UNDESIRABLE FILL IS NOT USED.

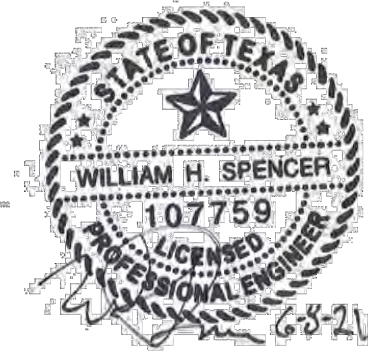
PAVING / DRAINAGE NOTES:

- NO EARTH-DISTURBING ACTIVITIES SHALL COMMENCE UNTIL ALL PERMITS HAVE BEEN OBTAINED AND PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL T.P.D.E.S. PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE GROUTED WITH NON-SHRINK GROUT TO ASSURE A WATER-TIGHT FIT.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES LOCATED IN PAVED OR OTHER VEHICULAR AREAS SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
- ACCESSIBLE ROUTES SHALL HAVE A RUNNING SLOPE OF MAX. 5.0% AND CROSS SLOPE OF MAX. 2.0%, PER TAS REQUIREMENTS.
- RIPRAP GRADATION SHALL BE IN ACCORDANCE WITH THE SITEWORK SPECIFICATIONS & DETAILS.
- IF THE CONTRACTOR RELOCATES BENCHMARK WITH A NEW BENCHMARK, IT SHALL BE LOCATED WITHIN A TOLERANCE OF 0.010 FEET.
- CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT, WHERE APPLICABLE.
- CONTRACTOR SHALL MATCH EXISTING CURB AND GUTTER IN GRADE, SIZE, TYPE AND ALIGNMENT AT ADJACENT ROADWAYS.
- ADJUST PAVEMENT AND/OR CURB ELEVATIONS AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE WITH EXISTING, WHERE APPLICABLE.
- DRAINAGE SHALL BE MAINTAINED AWAY FROM FOUNDATIONS, BOTH DURING AND AFTER CONSTRUCTION.
- A GEOTECHNICAL REPORT WAS NOT PROVIDED FOR THIS PROJECT PER THE OWNERS REQUEST.
- ALL PROPOSED CONTOURS AND SPOT GRADES ARE FOR THE FINISHED SURFACE. CONTRACTOR SHALL ADJUST ROUGH GRADING AS NEEDED TO ACCOUNT FOR IMPORT MATERIALS.
- ALL PAVING AND DRAINAGE IMPROVEMENTS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS. WHERE ANY QUESTIONS ARISE AS TO THE INTERPRETATION OF THE STANDARDS OF DESIGN, PLEASE CONTACT THE CONSULTANT.

LANDSCAPE / IRRIGATION NOTES:

- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE CITY SPECIFICATIONS AND ORDINANCES.
- THE CONTRACTOR IS REQUIRED TO GRASS ALL AREAS DISTURBED BY CONSTRUCTION.
- AT COMPLETION OF THE PAVING AND FINAL GRADING, THE DISTURBED AREA(S) SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS.
- ALL PROPOSED PLANTS SHALL BE STAKED ON THE GROUND AND APPROVED BY CONSULTANT BEFORE BEING PLANTED.
- ALL PLANTING BEDS SHALL HAVE 4 INCH DEEP HARDWOOD MULCH.
- ALL LAWN AREAS SHALL BE SPRAYED WITH HERBICIDE, CROSS DISCED AND DRAGGED UNTIL SMOOTH PRIOR TO SEEDING.
- IRRIGATION SYSTEM IS BASED ON ASSUMED PSI AT THE PROPOSED BACKFLOW. CONTRACTOR SHALL VERIFY THAT ADEQUATE PSI IS AVAILABLE AFTER METER IS INSTALLED AND NOTIFY CONSULTANT IF IT ISNT.
- SPRINKLER AND VALVE LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC.
- ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
- COORDINATE ALL MAINLINE AND LATERAL PIPE INSTALLATION LOCATIONS WITH ELECTRICAL PLANS AND ADJUST AS NECESSARY.
- IRRIGATION CONTROLLERS ARE TO BE PLACED IN THE LOCATIONS SHOWN ON THE PLANS. COORDINATE W/ ELECTRICAL DRAWINGS FOR CONTROLLER LOCATION & POWER SOURCE LOCATION.
- EXCEPT AS OTHERWISE PROVIDED, THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES AND FEES AND GIVE ALL NOTICES NECESSARY & INCIDENTAL TO THE DUE LAWFUL PROSECUTION OF THE WORK.
- CONTRACTOR SHALL NOTIFY PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR CURRENT UTILITY LOCATIONS. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION & CONDITION OF ALL UTILITIES AND BE RESPONSIBLE FOR DAMAGE TO ANY UTILITIES.
- THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE & THEFT & REPLACE ALL DAMAGED OR STOLEN PARTS UNTIL THE WORK IS ACCEPTED IN WRITING BY OWNER.
- THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREAS DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- ALL PIPES UNDER WALKWAYS AND DRIVEWAYS SHALL BE SLEEVED.

REVISIONS:



GENERAL NOTES
MARKET STREET
CITY OF WINNSBORO, TEXAS

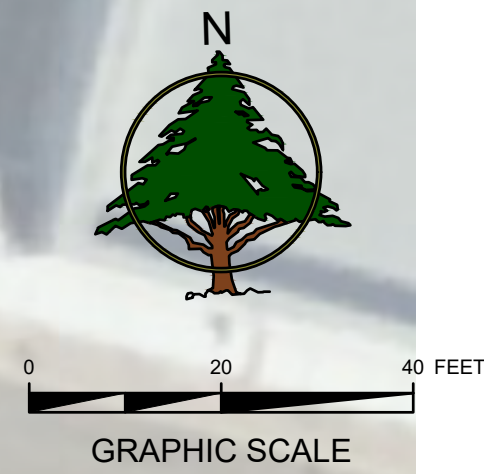
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LEGEND

---	PROPERTY LINE
---	BUILDING SETBACK
EX WTR	WATER LINE
SS	SANITARY SEWER PIPE
STM	STORM SEWER PIPE
OHE	OVERHEAD ELECTRIC
---	TELE COMMUNICATION

[Pattern]	ARTIFICIAL TURF (150 SF)
[Pattern]	LANDSCAPE BEDS (170 SF)
[Pattern]	NEW BUILDING (10,070 SF)
[Pattern]	ASPHALT SEAL COAT (7,657 SF)
[Pattern]	ASPHALT SEAL COAT WITH THERMOPLASTIC PLASTIC SURFACE (TOTAL \$49 SF)
[Symbol]	PIPE BOLLARDS (6 TOT.)
[Symbol]	DRAKE ELM TREE (7 TOTAL)

REVISIONS:

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MHS
PLANNING & DESIGN, LLC
212 West Ninth Street Tyler, Texas 75701
903-597-6606

SITE PLAN

MARKET STREET
CITY OF WINNSBORO, TEXAS

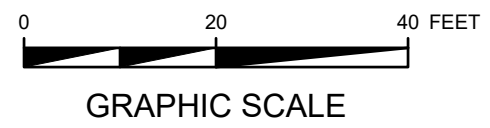
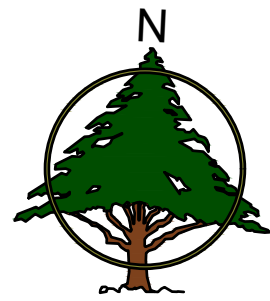
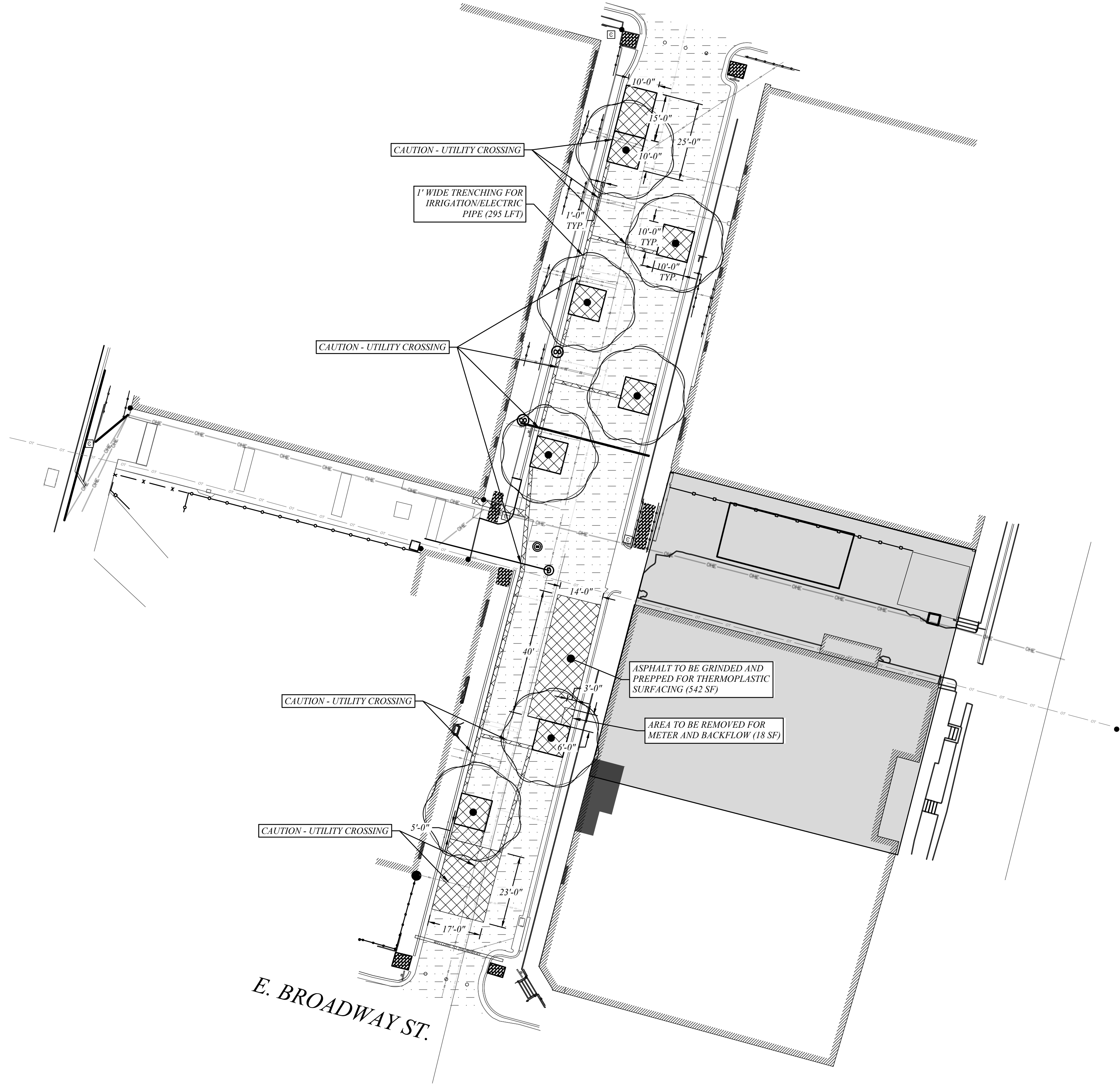
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LEGEND

- 500 — EXISTING CONTOUR
- - - SAWCUT LINE
- [Cross-hatch pattern] EX. PAVEMENT TO BE REMOVED
- [Dashed line pattern] ASPHALT SEAL COAT

NOTE: CONTRACTOR/IRRIGATOR TO VERIFY MOST ECONOMICAL AND FUNCTIONAL TRENCH LOCATION AND/OR BORE.
LOCATION APPROVAL BY CONSULTANT PRIOR TO TRENCHING.



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REVISIONS:



DEMOLITION PLAN

MARKET STREET
CITY OF WINNSBORO, TEXAS

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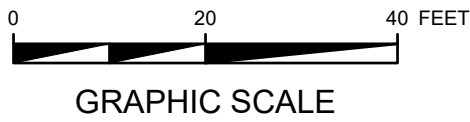
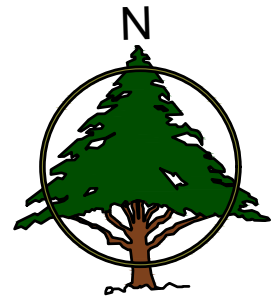
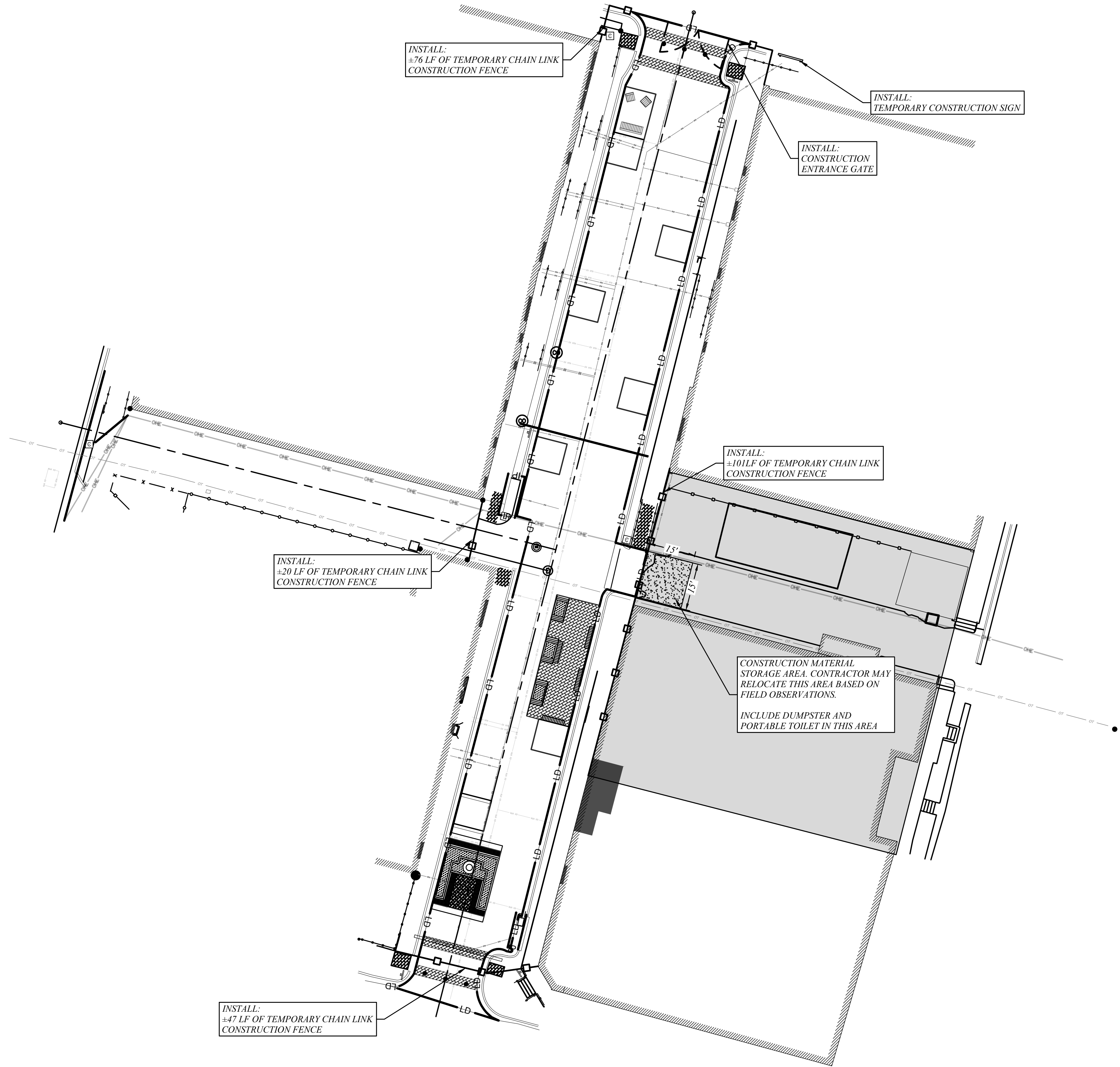
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LEGEND

- 500 — EXISTING CONTOUR
- 600 — PROPOSED CONTOUR
- [] — CONSTRUCTION FENCE
- LD — LIMITS OF DISTURBANCE
- SF — SILT FENCE
- FLOW ARROW
- [] CONSTRUCTION EXIT
- [] ROCK FILTER DAM (TYPE 3)
- [] INLET PROTECTION

CONSTRUCTION EXIT NOTE:

NO CONSTRUCTION EXIT FROM DISTURBED AREAS HAS BEEN SHOWN. CONTRACTOR SHALL DAILY MONITOR ALL ACCESS POINTS TO THE SITE FROM PUBLIC ROADWAYS AND SHALL INSTALL CONSTRUCTION EXIT, PER DETAIL, AS AND AT LOCATION(S) SELECTED BY CONTRACTOR, TO PREVENT OR MINIMIZE OFF-SITE TRACKING OF SEDIMENT FROM THE CONSTRUCTION SITE. ANY OFF-SITE TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS SHALL BE REMOVED ON A DAILY BASIS AS NEEDED. ANY OFF-SITE TRACKING ONTO PRIVATE ROADWAYS SHALL BE REMOVED DAILY AS DIRECTED BY OWNER.



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EROSION PLAN

MARKET STREET

CITY OF WINNSBORO, TEXAS

DRAWN: MEP

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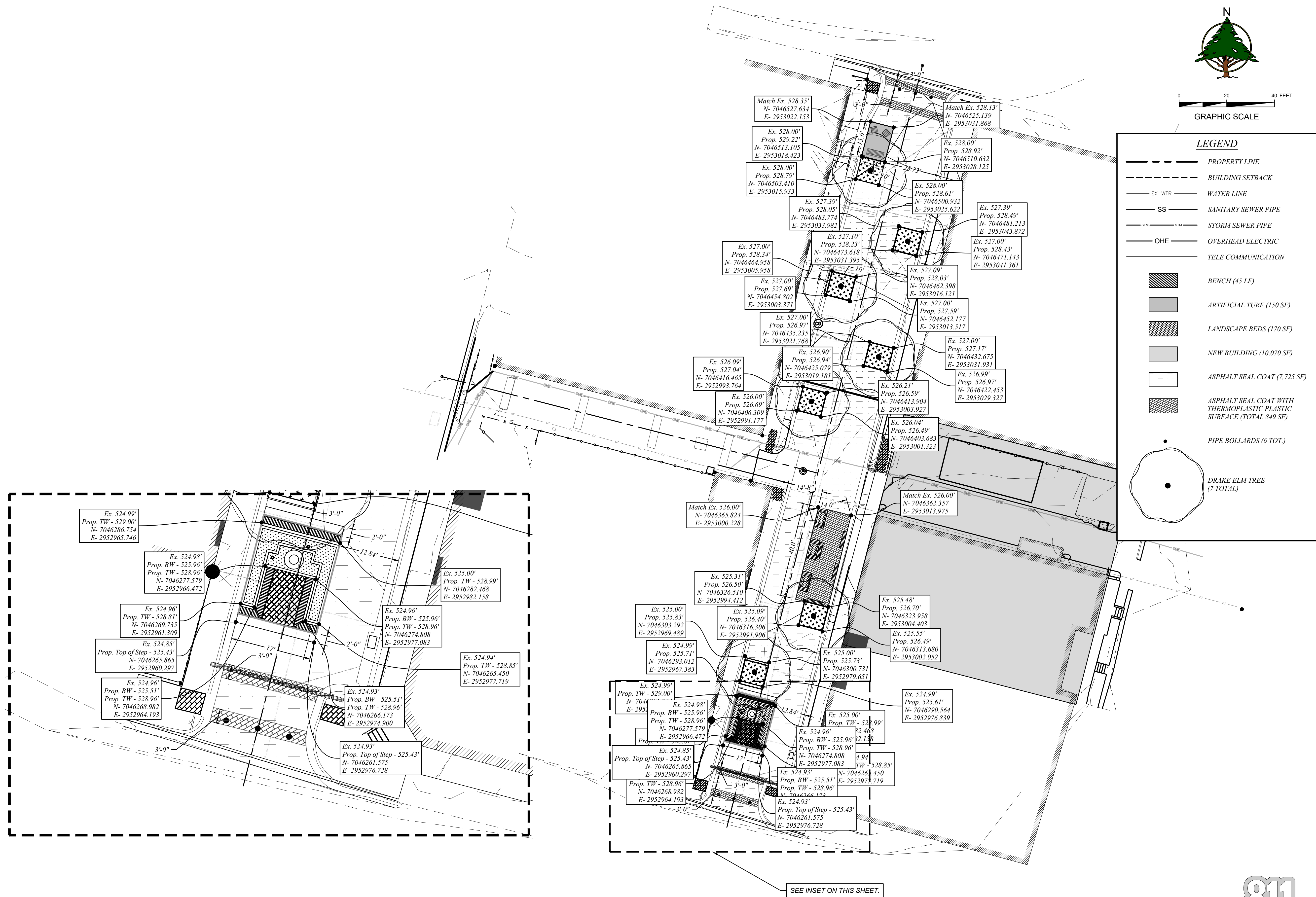
DATE: 6/9/2021

SCALE: AS SHOWN

JOB NO.: 20-051

L5

L:\City of Winnsboro\20-051 Market Street Design\CAD\03 - Production\GRADING & PAVING.dwg



REVISIONS:

MHS

PLANNING & DESIGN, LLC
212 West Ninth Street Tyler, Texas 75701
903-597-6606

GRADING AND PAVING PLAN

MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN: MEP

CHECKED: WHS

DATE: 6/9/2021

SCALE: AS SHOWN

JOB NO.: 20-051

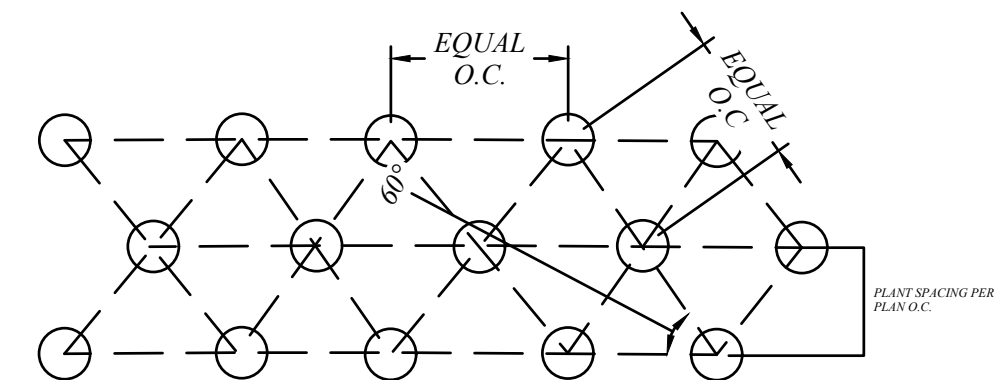
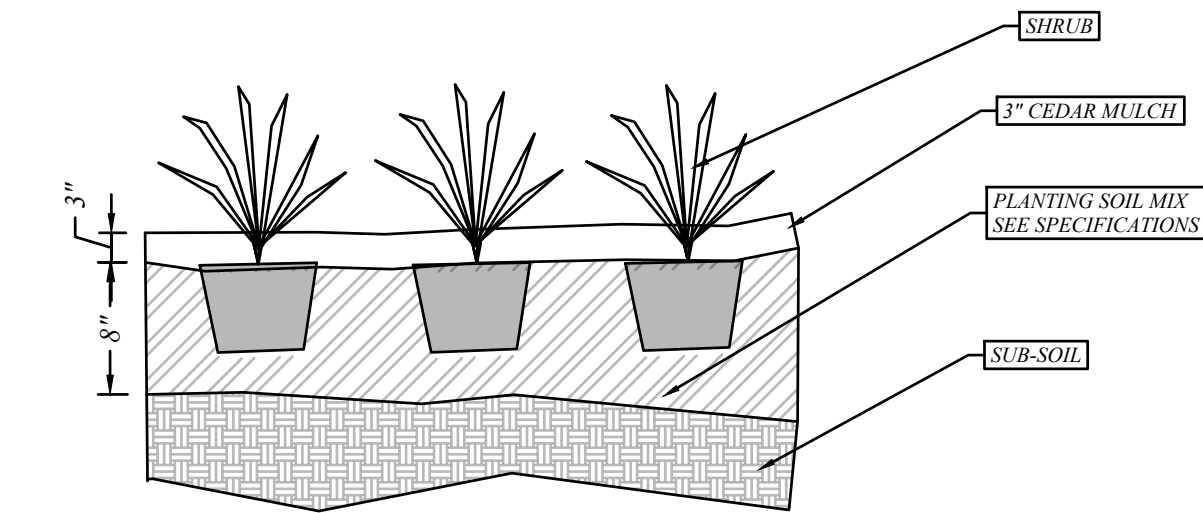
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Know what's below.
Call before you dig.

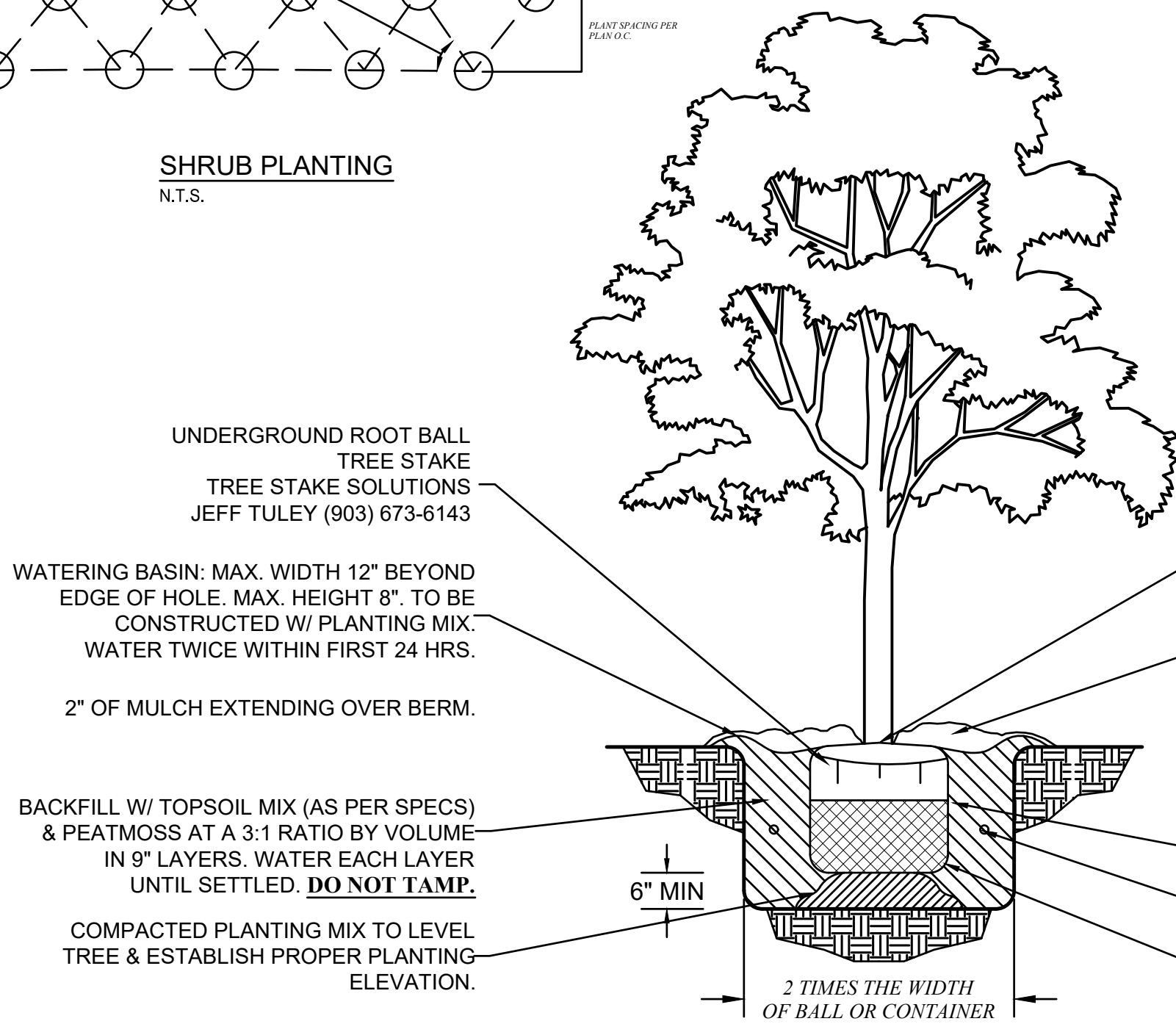
L6

LANDSCAPE / IRRIGATION NOTES:

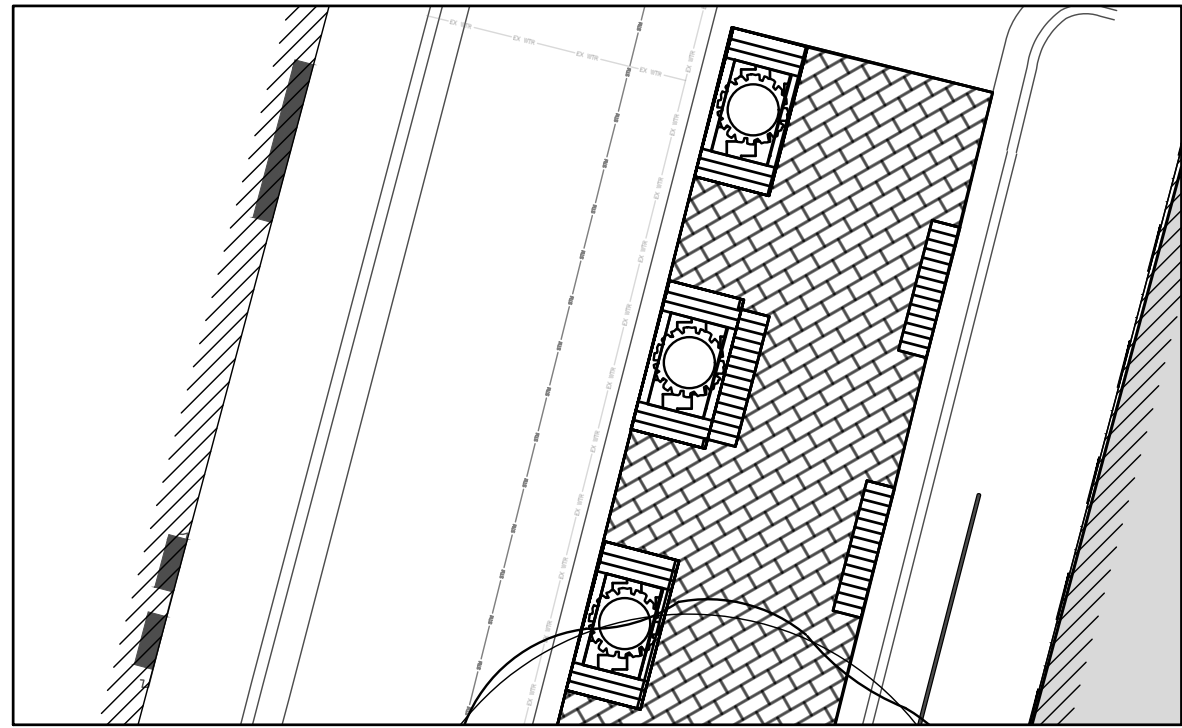
1. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE CITY SPECIFICATIONS AND ORDINANCES.
2. THE CONTRACTOR IS REQUIRED TO GRASS ALL AREAS DISTURBED BY CONSTRUCTION.
3. AT COMPLETION OF THE PAVING AND FINAL GRADING, THE DISTURBED AREA(S) SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS.
4. ALL PROPOSED PLANTS SHALL BE STAKED ON THE GROUND AND APPROVED BY CONSULTANT BEFORE BEING PLANTED.
5. ALL PLANTING BEDS SHALL HAVE 4 INCH DEEP HARDWOOD MULCH.
6. ALL LAWN AREAS SHALL BE SPRAYED WITH HERBICIDE, CROSS DISCED AND DRAGGED UNTIL SMOOTH PRIOR TO SEEDING.
7. IRRIGATION SYSTEM IS BASED ON ASSUMED PSI AT THE PROPOSED BACKFLOW. CONTRACTOR SHALL VERIFY THAT ADEQUATE PSI IS AVAILABLE AFTER METER IS INSTALLED AND NOTIFY CONSULTANT IF IT ISN'T.
8. SPRINKLER AND VALVE LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC.
9. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
10. COORDINATE ALL MAINLINE AND LATERAL PIPE INSTALLATION LOCATIONS WITH ELECTRICAL PLANS AND ADJUST AS NECESSARY.
11. IRRIGATION CONTROLLERS ARE TO BE PLACED IN THE LOCATIONS SHOWN ON THE PLANS. COORDINATE W/ ELECTRICAL DRAWINGS FOR CONTROLLER LOCATION & POWER SOURCE LOCATION.
12. EXCEPT AS OTHERWISE PROVIDED, THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES AND FEES AND GIVE ALL NOTICES NECESSARY & INCIDENTAL TO THE DUE LAWFUL PROSECUTION OF THE WORK.
13. CONTRACTOR SHALL NOTIFY PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR CURRENT UTILITY LOCATIONS. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION & CONDITION OF ALL UTILITIES AND BE RESPONSIBLE FOR DAMAGE TO ANY UTILITIES.
14. THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE & THEFT & REPLACE ALL DAMAGED OR STOLEN PARTS UNTIL THE WORK IS ACCEPTED IN WRITING BY OWNER.
15. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREAS DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
16. ALL PIPES UNDER WALKWAYS AND DRIVEWAYS SHALL BE SLEEVED.



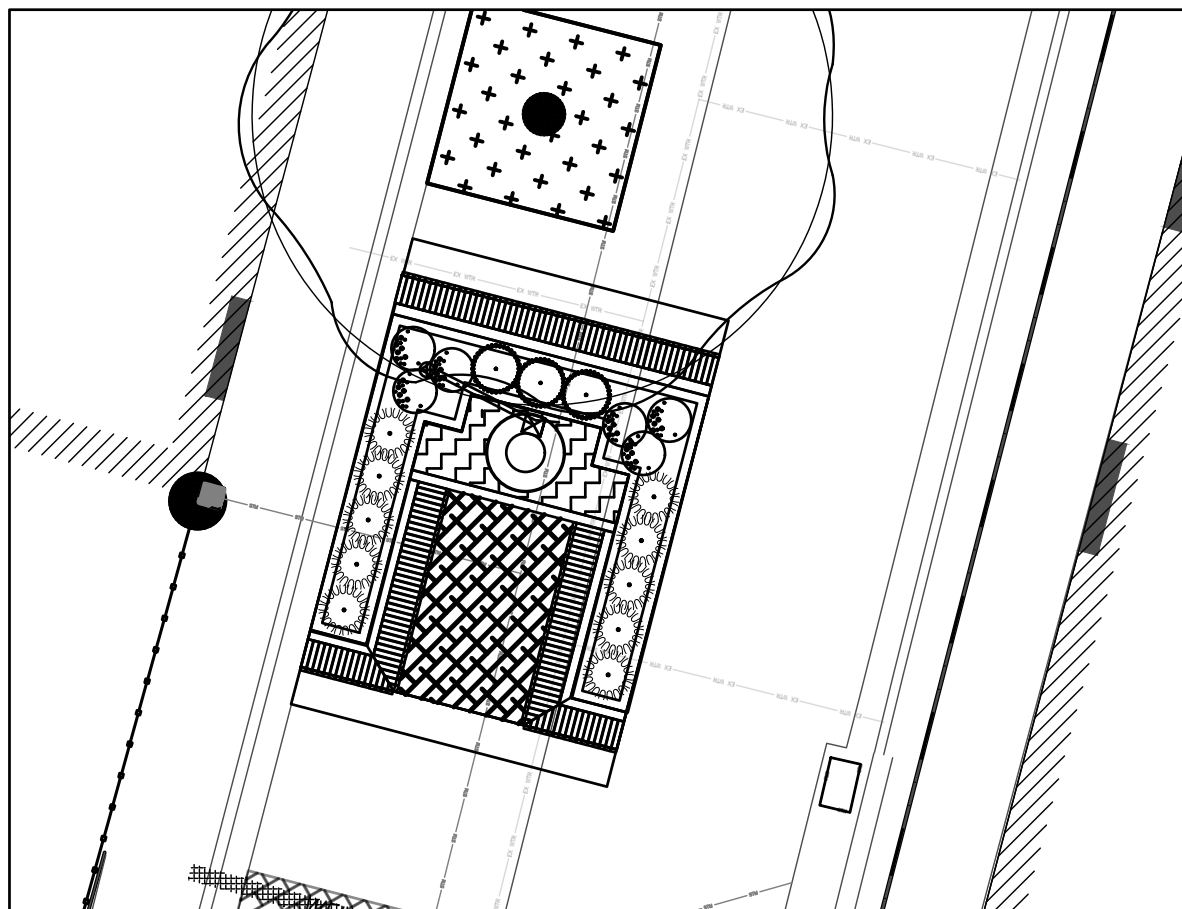
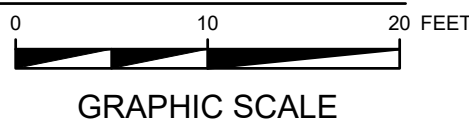
SHRUB PLANTING
N.T.S.



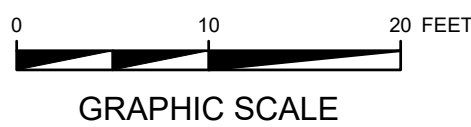
TREE PLANTING DETAIL
N.T.S.



BENCH PLANTERS PLANTING PLAN



RAISED LANDSCAPE BED AT FOUNTAIN



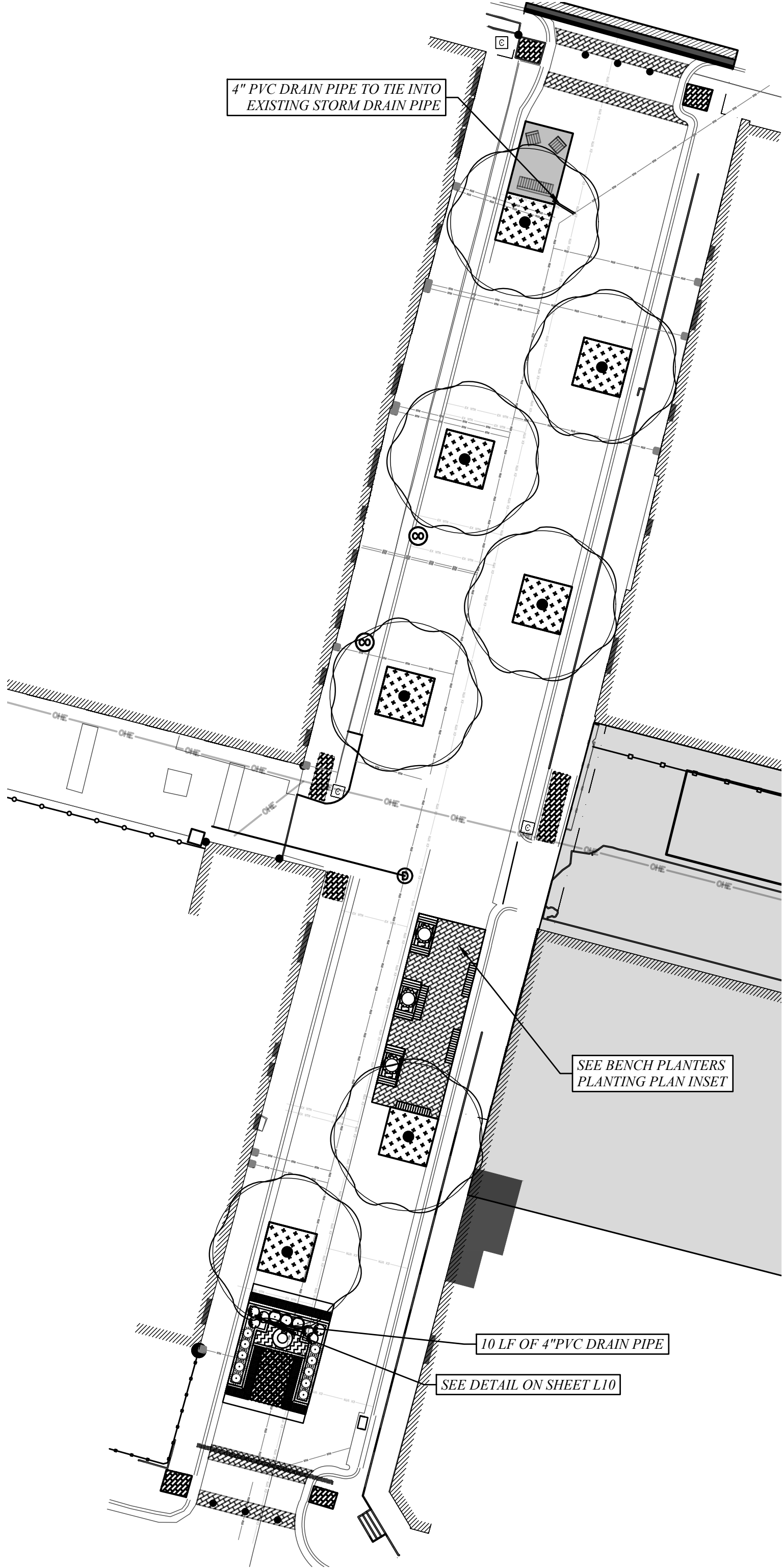
PRUNING: DO NOT HEAVILY PRUNE TREES AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS & BROKEN BRANCHES. RETAIN NATURAL FORM OF TREE.

SPRAY W/ WILT-PROOF AS PER MFRS. INSTR. IF FOLIAGE IS PRESENT

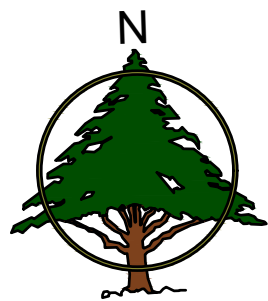
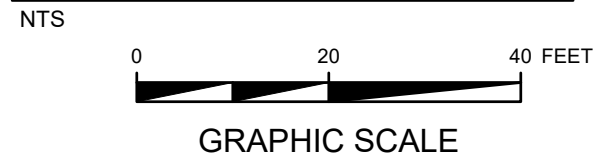
SET PLUMB IN CENTER OF PIT. NO SOIL SHALL BE PLACED ON TOP OF BALL; MULCH ONLY.

3\"/>

REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL
FERTILIZER TABLET AS PER SPECS
SCARIFY SIDES OF HOLE TO BREAK GLAZE. HOLE TO BE CIRCULAR W/ VERTICAL SIDES.



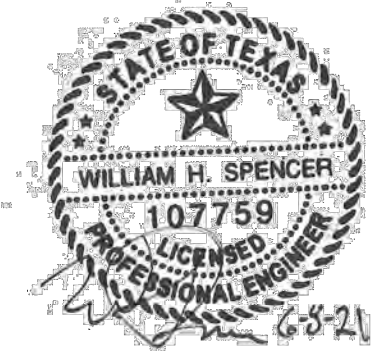
RAISED LANDSCAPE BED



LEGEND	
	ARTIFICIAL TURF (150 SF)
	LANDSCAPE BEDS (170 SF)
	NEW BUILDING (10,070 SF)
	ASPHALT SEAL COAT (7,725 SF)
	THERMOPLASTIC PLASTIC SURFACE (TOTAL 849 SF)
	PIPE BOLLARDS (6 TOT.)
	7 DRAKE ELM TREE 4\"/>
	6 DRIFT ROSE 'RED' 3GAL <i>Rosa hybrida 'Drift'</i>
	3 BLUE PACIFIC JUNIPER 3GAL <i>Juniperus conferta</i>
	10 NANDINA 'FLIRT' 3GAL <i>Nandina domestica 'Murasaki'</i>
	3 LOROPETALUM 'PURPLE DIAMOND' 3GAL 3 <i>Loropetalum chinense 'Shang-hi'</i>
	144 SEASONAL COLOR 4\"/>
	700 SF TIFF TUFF BERMUDA SOD



REVISIONS:

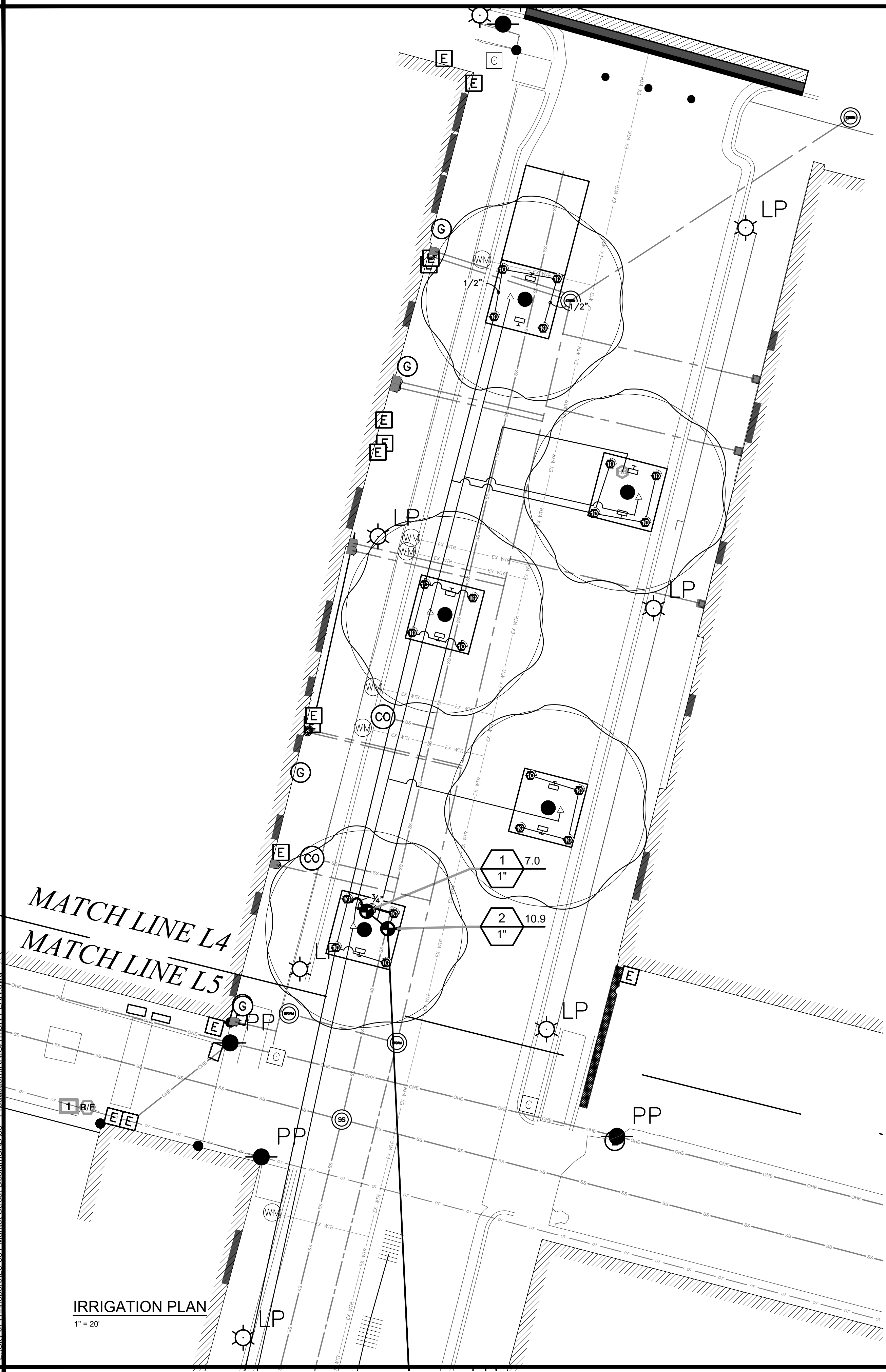


LANDSCAPE PLAN

MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN:	MEP
CHECKED:	WHS
DATE:	6/9/2021
SCALE:	AS SHOWN
JOB NO.:	20-051

L7



MATCH LINE L4
MATCH LINE L5

L:\City of Winnsboro\20-051 Market Street Design\CAD\03 - Production\IRRIGATION PLAN.dwg

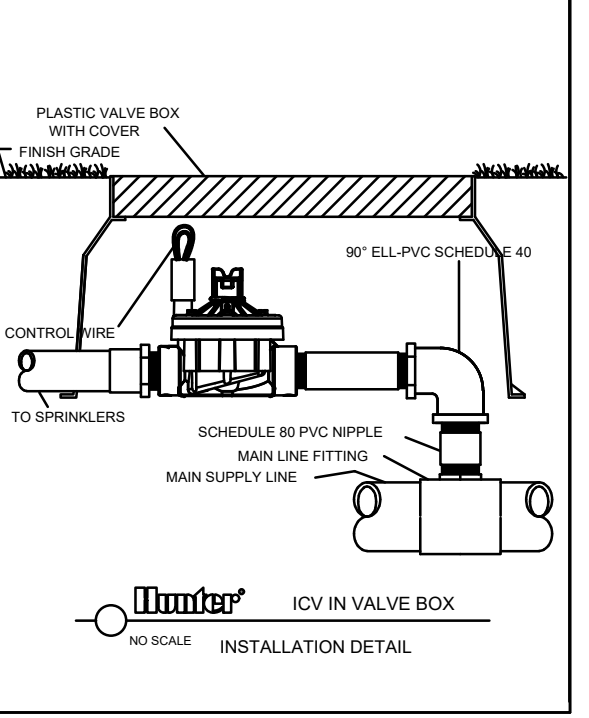
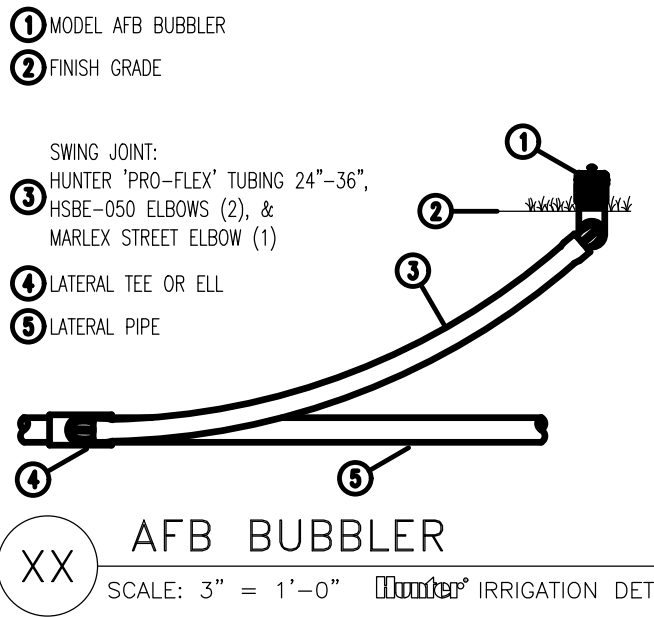
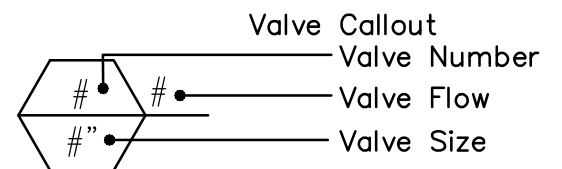
IRRIGATION PLAN
1" = 20'

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Hunter PROS-04-PRS30 10' radius Turf Spray, 30 psi regulated 4.0" Pop-Up, Co-molded wiper seal with UV Resistant Material.	28	30
	Hunter AFB 10 Adjustable Flow Bubbler, 1/2" FIPT, stainless steel screw adjustment.	7	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Area to Receive Dripline Hunter HDL-06-18-CV HDL-06-18-CV: Hunter Dripline w/ 0.6 GPH emitters at 18" O.C. Check valve, dark brown tubing with gray striping. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD-LOC fittings.	122.3 l.f.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Hunter ICV-G-DC-R 1", 1-1/2", 2", and 3" Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use. With DC Latching Solenoid Factory Installed Option. Reclaimed Water ID, Purple Handle.	3
	Hose Bibb	2
	Febco 850 1" Double Check Backflow prevention, 1/2" to 2"	1
	Hunter X2-600-WAND 6-Station Controller, Residential Use. Plastic Cabinet, Indoor, with 3 Independent Programs, and Wi-Fi Module Kit. 120 VAC.	1
	Hunter WR-CLIK Rain Sensor, Install within 1000 ft of controller, in line of sight. 22-28 VAC/VDC 100 mA power from timer transformer. Mount as noted.	1
	Irrigation Lateral Line: PVC Class 200	970.2 l.f.
	Irrigation Mainline: PVC Schedule 40	89.6 l.f.



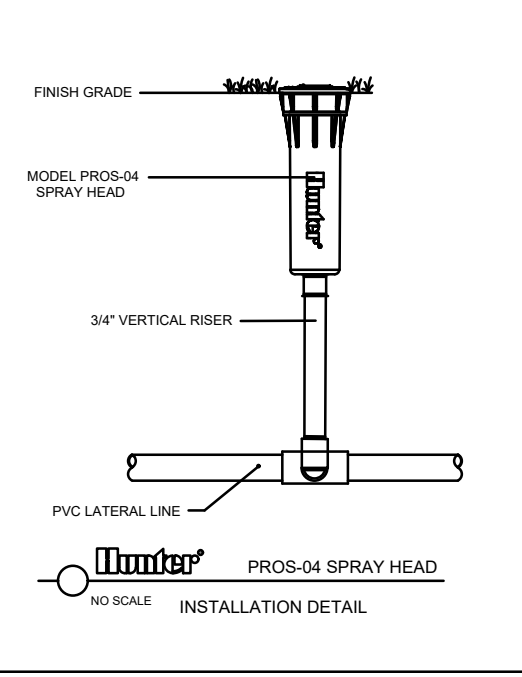
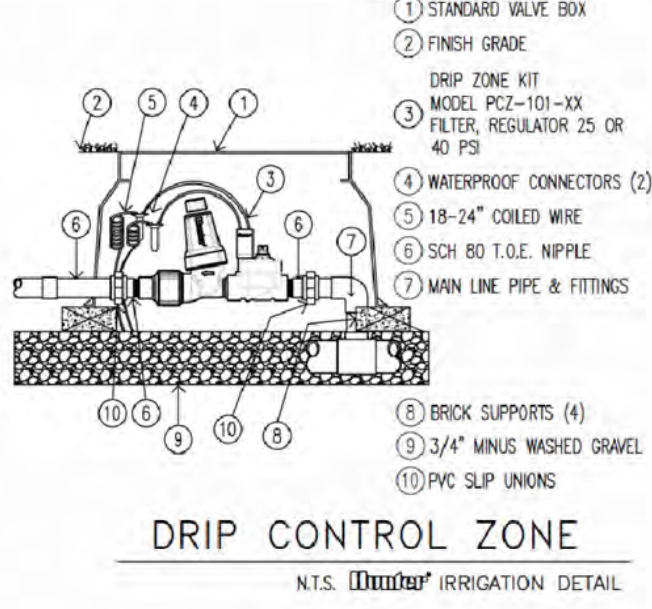
PIPE SIZING WILL BE DONE AT LANDSCAPE DESIGN APPROVAL.

SUPPLY LATERAL PIPE TO BE 200 CLASS PVC 1 1/2". HUNTER 'PRO-FLEX' TUBING TO CONNECT LATERAL LINE TO BUBBLERS.

LATERAL LINE TO CONNECT TO MAIN LINE. LINE TO BE INSTALLED IN THE MOST EFFICIENT MANNER WITHOUT DISTURBING TREES OR TREE ROOTS. ALL PIPE UNDER CONCRETE TO BE IN SLEEVING IN THE MOST EFFICIENT WAY.

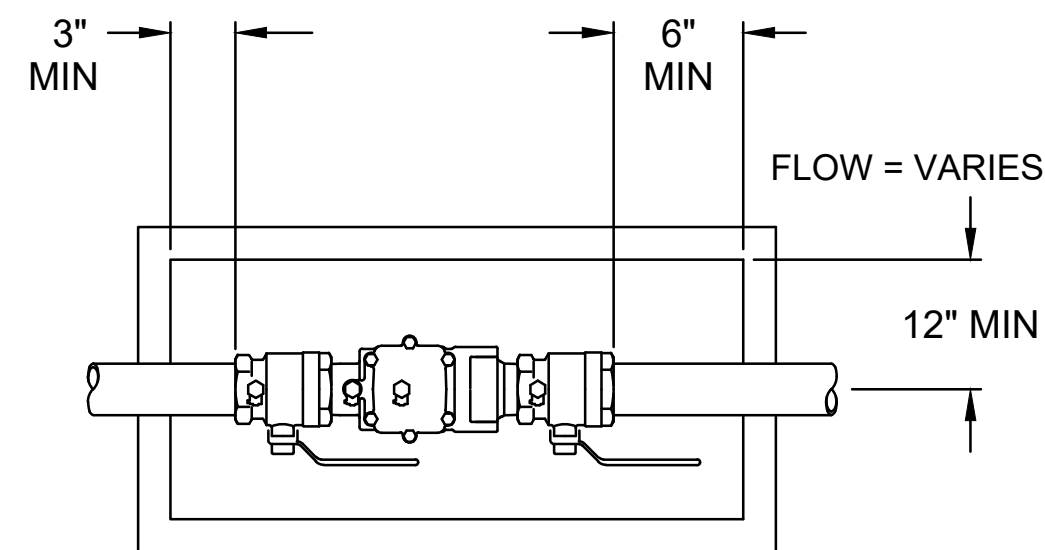
NOTE: CITY TO REMOVE, REPLACE AND SLEEVE ALL UTILITIES UNDER FOUNTAIN.

NOTE: WATER METER AND DOUBLE CHECK VALVE TO BE UNDERGROUND WITH METAL COVER.



LEGEND

- PROPERTY LINE
- BUILDING SETBACK
- WATER LINE
- SANITARY SEWER PIPE
- STORM SEWER PIPE
- OVERHEAD ELECTRIC
- TELE COMMUNICATION
- BENCH (78 LF)
- ARTIFICIAL TURF (540 SF)
- MOSAIC PAVING (680 SF)
- LANDSCAPE BEDS (294 SF)
- BIKE RACK
- SAND BLASTED CONCRETE (834 SF)
- NEW BUILDING (10,070 SF)
- PIPE BOLLARDS (3 TOT.)
- DRAKE ELM TREE (7 TOTAL)
- FLOOD LIGHT



FEBCO MODEL 850
Double Check Assembly
Pit Installation

Know what's below.
Call before you dig.

REVISIONS:

PLANNING & DESIGN, LLC
212 West Ninth Street Tyler, Texas 75701
903-597-6606

IRRIGATION PLAN I

MARKET STREET

CITY OF WINNSBORO, TEXAS

DRAWN: MEP

CHECKED: WHS

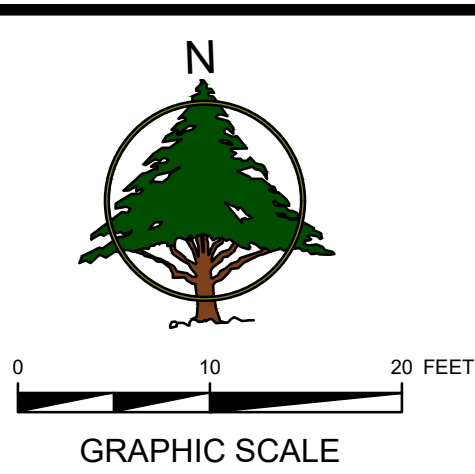
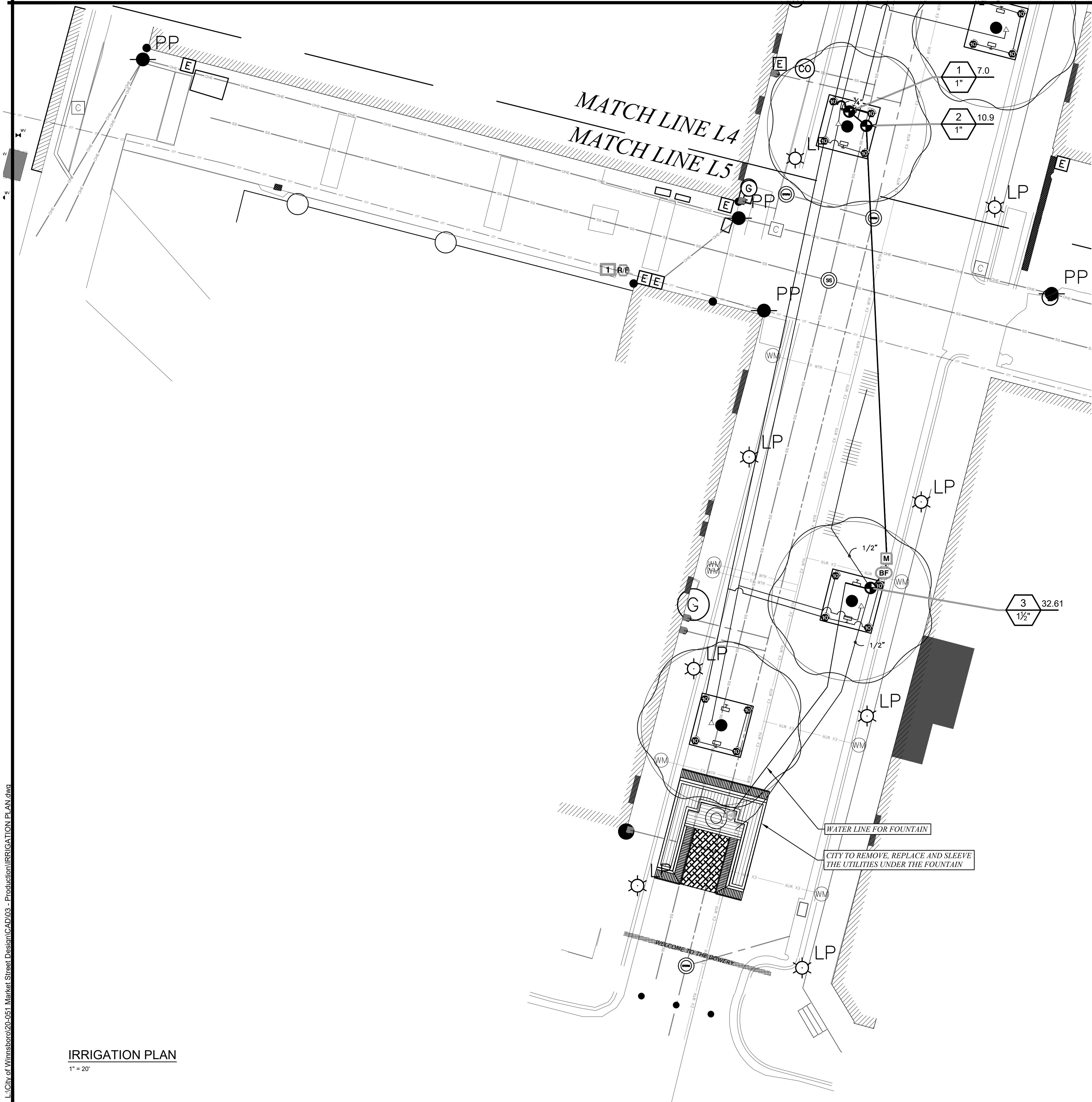
DATE: 6/9/2021

SCALE: AS SHOWN

JOB NO.: 20-051

L8

L:\City of Winnsboro\20-051 Market Street Market Street Design\CAD\03 - Production\IRRIGATION PLAN.dwg



IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
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	Hose Bibb	2
	Febco 850 1" Double Check Backflow prevention, 1/2" to 2"	1
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	Hunter WR-CLIK Rain Sensor, install within 1000 ft of controller, in line of sight. 22-28 VAC/VDC 100 mA power from timer transformer. Mount as noted.	1
	Irrigation Lateral Line: PVC Class 200	970.2 l.f.
	Irrigation Mainline: PVC Schedule 40	89.6 l.f.
	Valve Callout Valve Number Valve Flow Valve Size	
	Proposed Flood Light (See Electrical)	



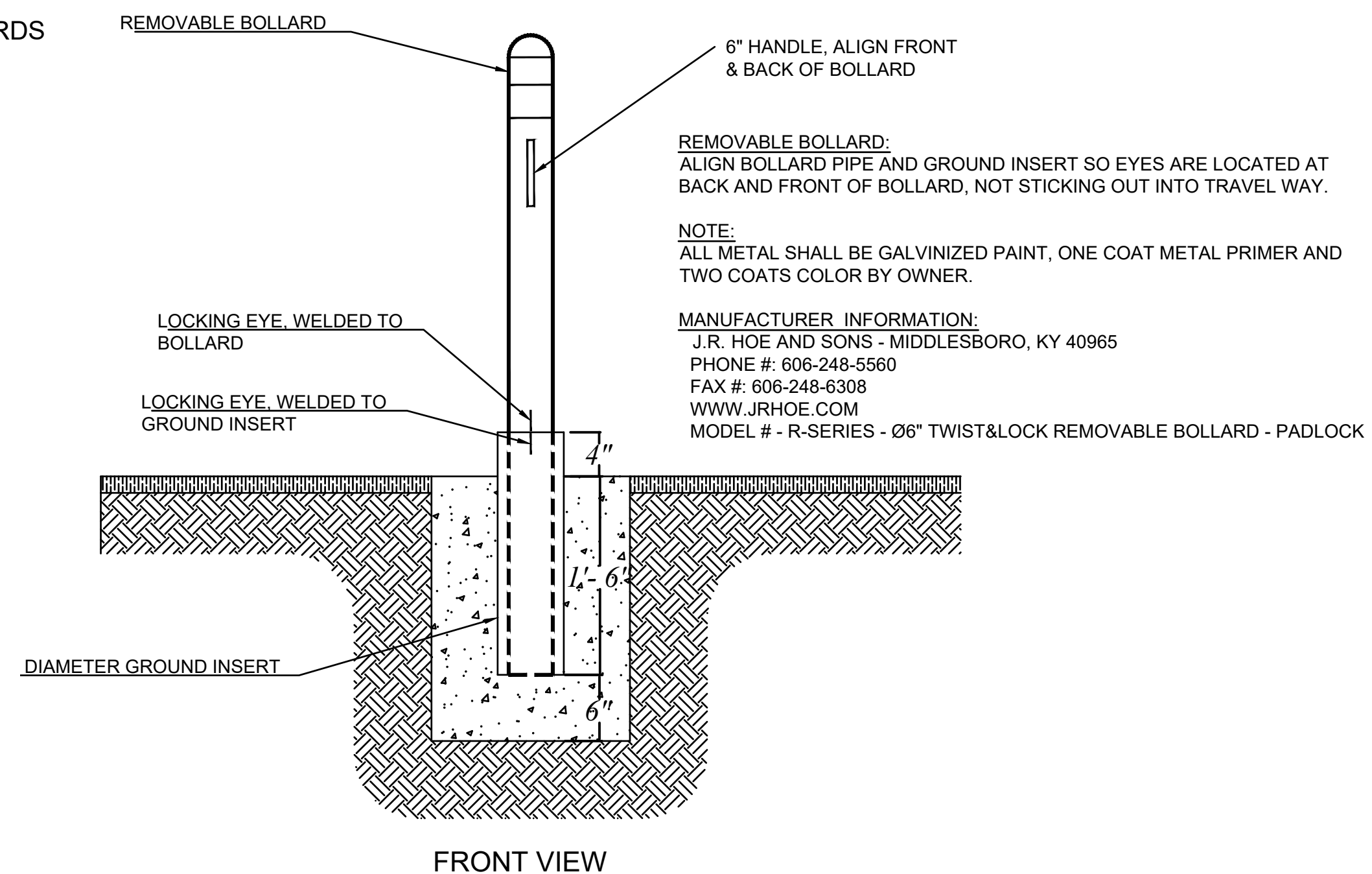
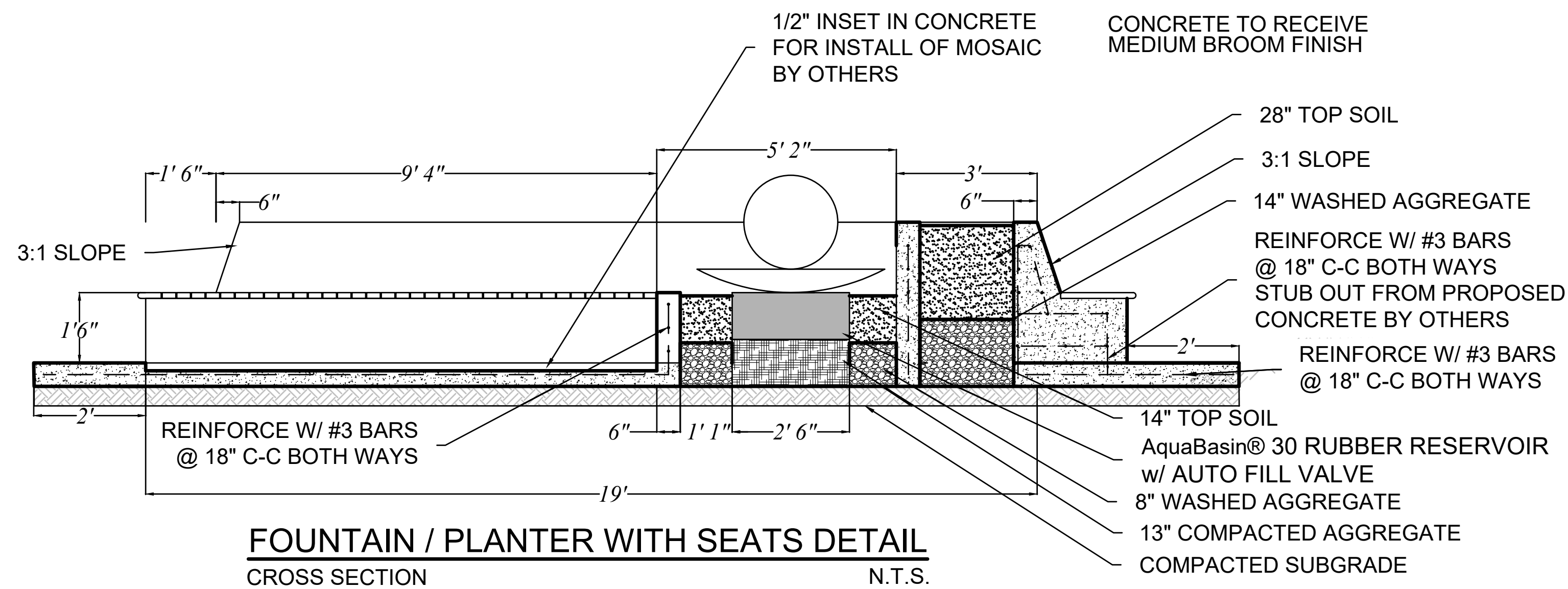
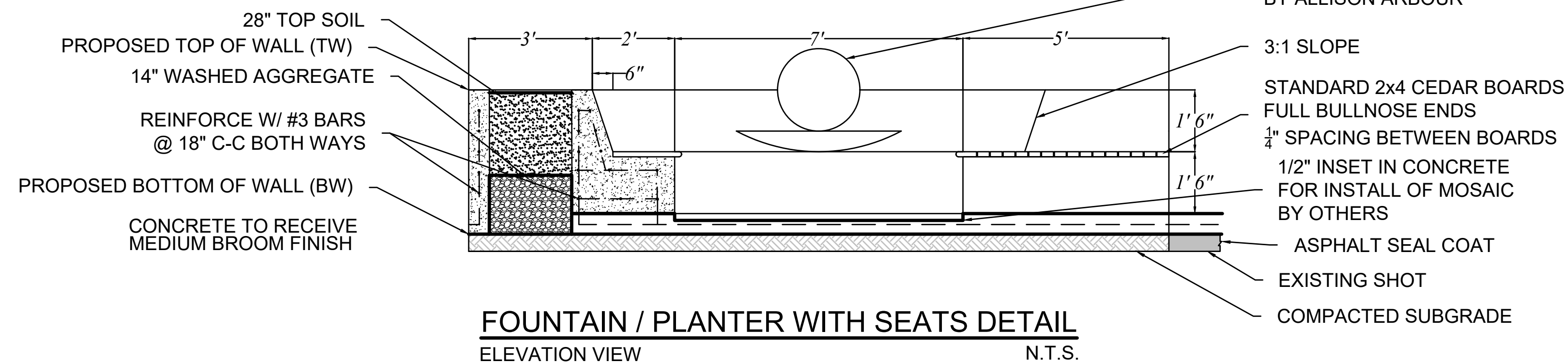
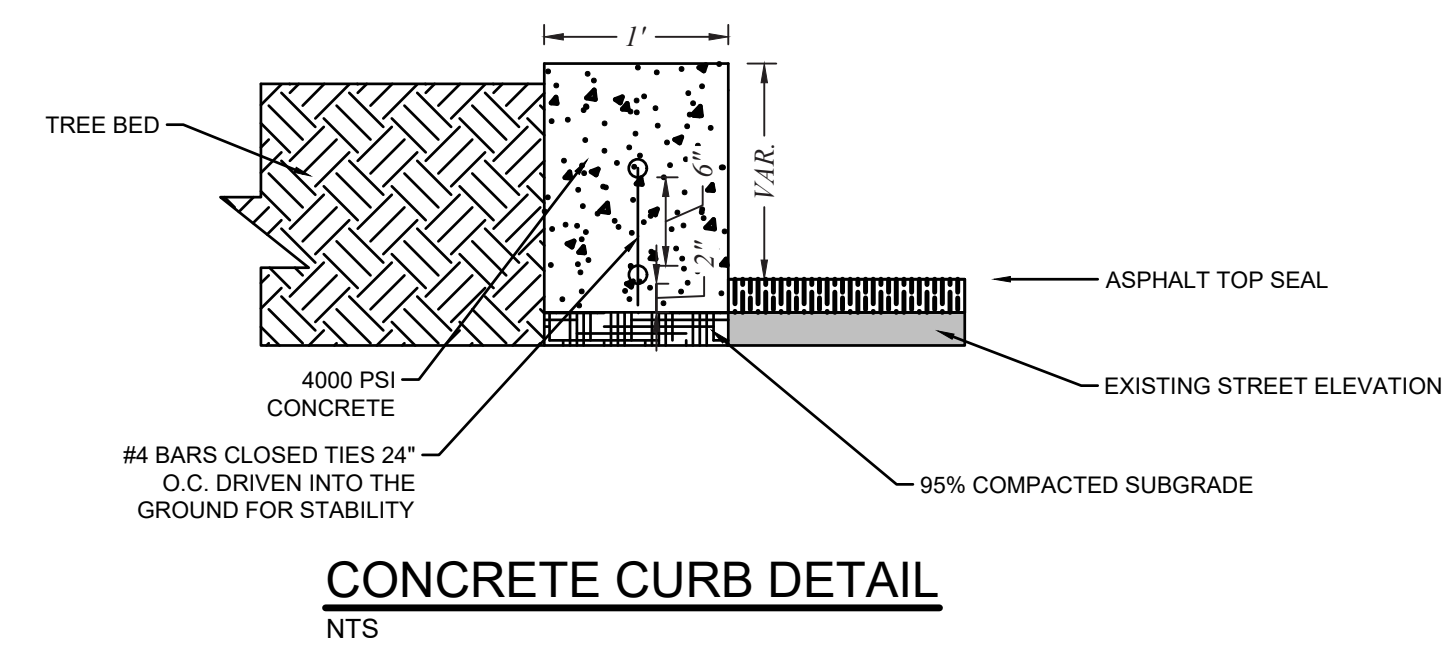
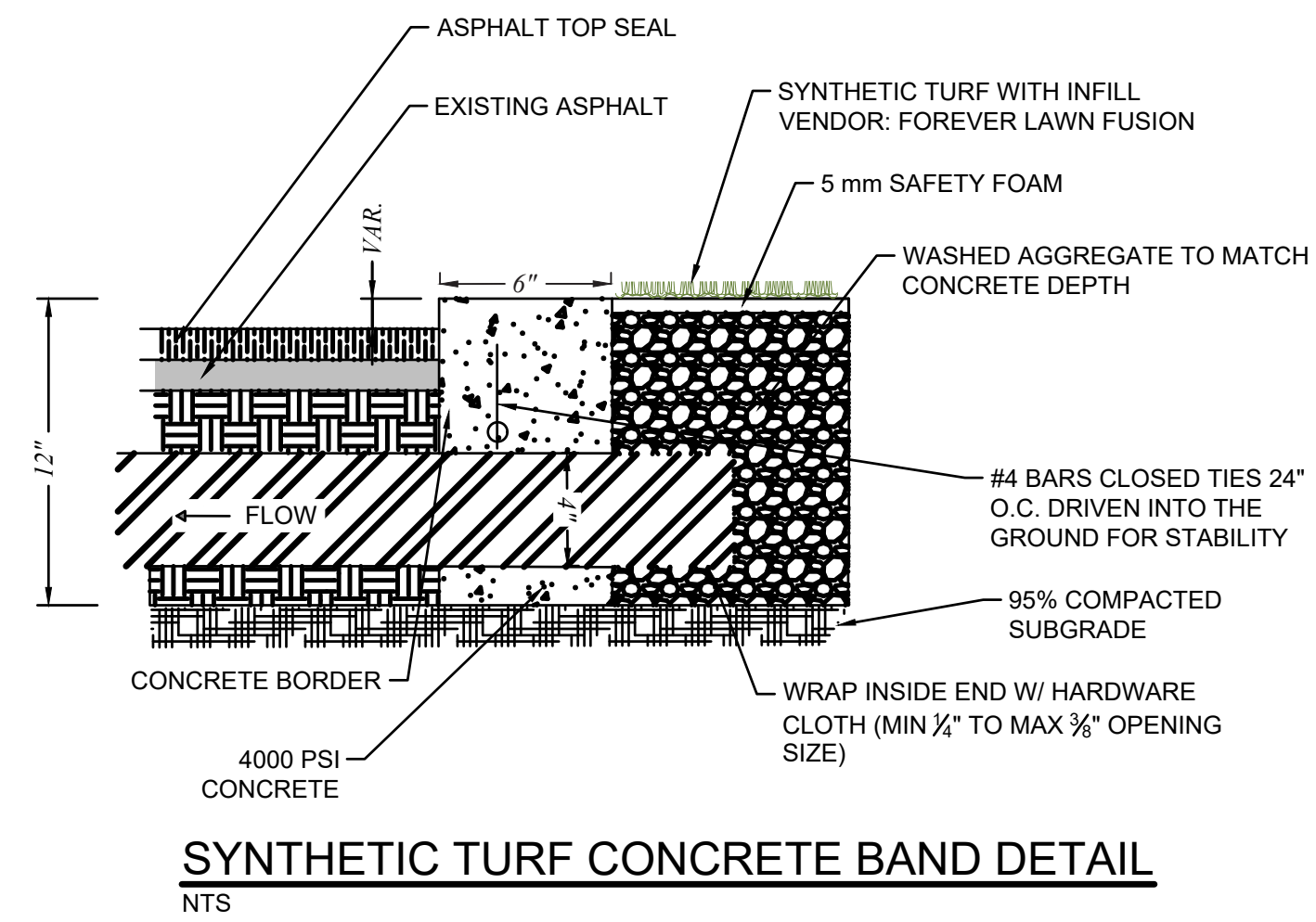
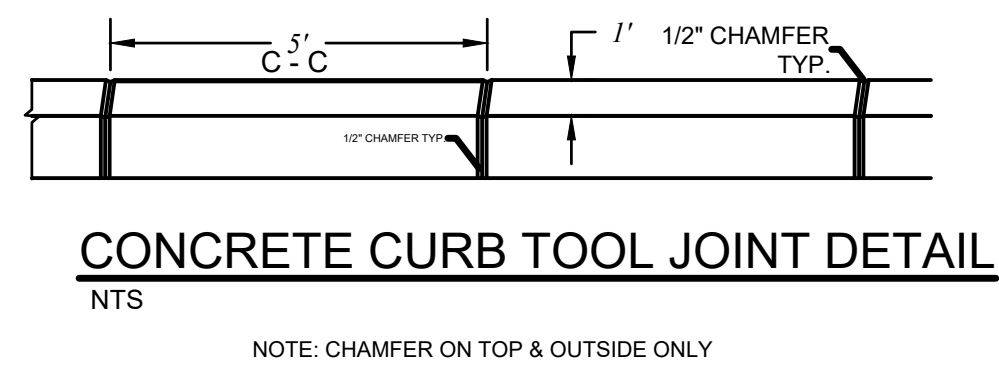
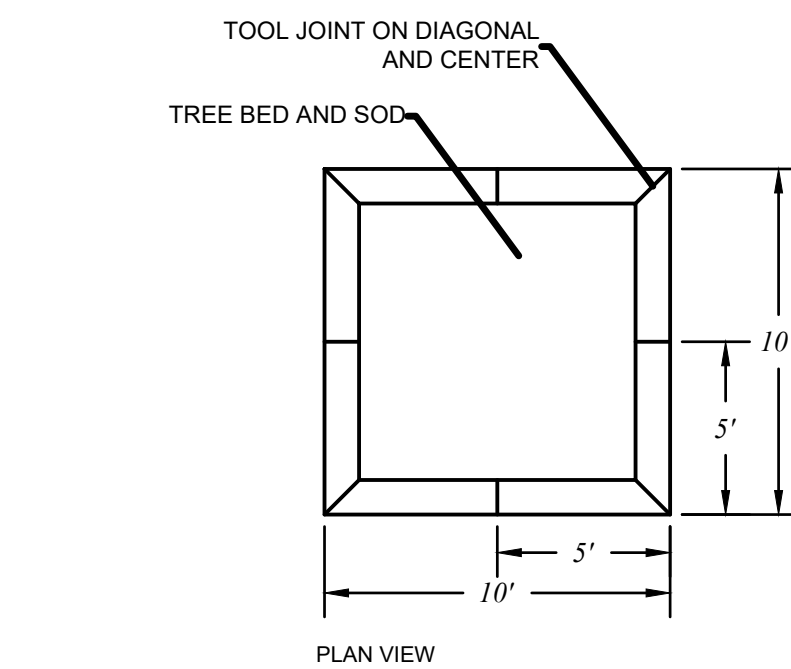
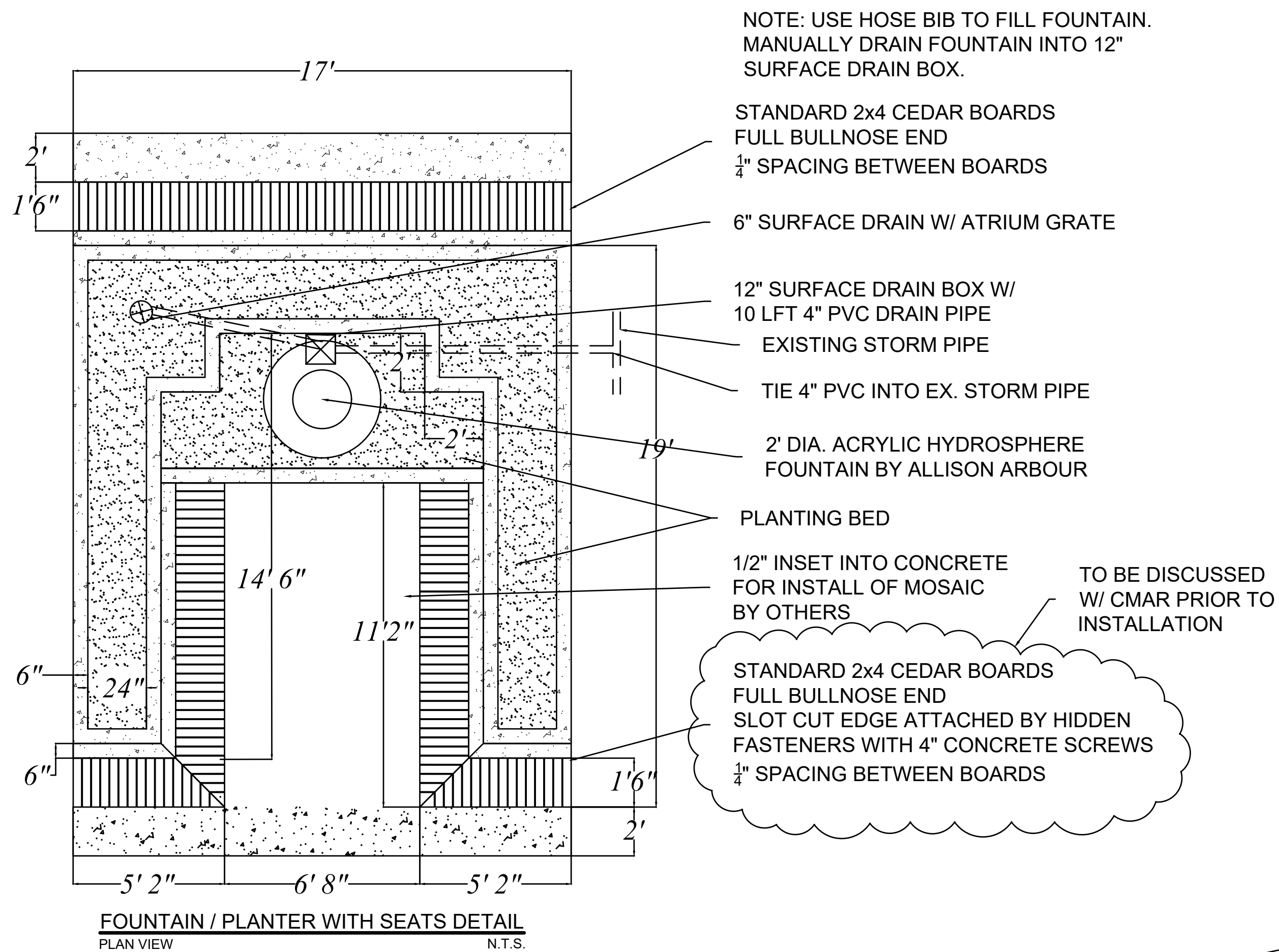
REVISIONS:

IRRIGATION PLAN II
MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN: MEP
CHECKED: WHS
DATE: 6/9/2021
SCALE: AS SHOWN
JOB NO.: 20-051

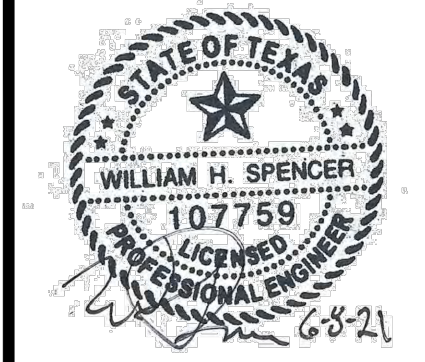
L9

L:\City of Winnsboro\20-051 Market Street Design\CADD\03 - Production\CONSTRUCTION DETAILS.dwg



REMOVABLE BOLLARD
N.T.S.

REVISIONS:



CONSTRUCTION DETAILS I

MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN:	MEP
CHECKED:	WHS
DATE:	6/9/2021
SCALE:	AS SHOWN
JOB NO.:	20-051

L10

Sphere			
Specification	Diameter		Description
Sphere	24 inches	60 cm	Clear acrylic
Thickness	1/16 inch	1.6 mm	
Top Hole	2 inches	5 cm	
Neck	9 5/16 inches	24 cm	

Specification	Diameter		Description
Platform	30 inches	76 cm	316 stainless steel plate
Central Hole	10.83 inches	27.5 cm	
PVC Plate	20 inches	51 cm	PVC underneath steel plate

Specification	Diameter		Description
Dish	5 feet	1.5 m	316 stainless steel which sits on top of the plinth
Thickness	3/32 inch	2.8 mm	
Plinth	24 inches	60 cm	316 stainless steel
Height of Dish & Plinth	10 inches	25.4 cm	
Total Height of AquaSphere	34 inches	86.36 cm	Including sphere, platform, dish, and plinth

Specification	Manufacturer	Model	Description
Pump - UK	Blagdon	Blagdon 2000	
Pump - US	CAL	CAL-250	225GPH, stainless & brass 6 ft, 2yr warranty, 60 watts, 0.7amp, 120 volt

Specification	Manufacturer	Model
Light - UK	Oase	LunAqua 3
Light - US	ProEco	CQD-120-1 Halogen Underwater Light 20 Watt Halogen light 12 Volt AC 15 ft power cable to light 10 ft power cable from transformer Transformer included 4 colored lenses



AQUASPHERE FOUNTAIN BY ALLISON ARBOUR



Know what's below.
Call before you dig.

Size:	97" x 48" x 22" tall
Weight:	3200 lbs.
Material:	Wood & Concrete
Reinforcing:	3/8" Rebar
Optional:	Extension Panel (DF5520)

- Standard Color Palette

- Standard Wood Finishes



P: 800.388.8728 | E: wfile@wausautile.com | WAUSAUTILE.COM
P.O. Box 1520, Wausau, WI 54402-1520

Size:	79 1/2" x 18" x 18"
Weight:	1,300 lbs.
Material:	Reinforced Concrete, Wood
Reinforcing:	Steel Rebar

-Standard Color Palette

-Standard Wood Finishes



P: 800.388.8728 | E: wtile@wausautile.com | WAUSAUTILE.COM
P.O. Box 1520, Wausau, WI 54402-1520

*THERMOPLASTIC CONTACT:
G- FORCE PAINTING
SIMON 214.447.3166*



When selecting the Surround style planting application you will have the greatest success by following these simple steps as illustrated below:

A. Prepare the initial planting hole as illustrated below. This is based upon the combination of desired barrier diameter and depth. Consider if drainage devices or amendments are needed to correct any adverse soil or planting conditions in the backfill area.

B. Assemble the appropriate number of DeepRoot Universal Barrier panels. The vertical root deflecting ribs on the panel must face inward, toward the root ball. (This is very important, otherwise the roots will become girdled by traveling around the smooth walled surface)

C. Next place the barrier in the center of the planting hole, keeping in mind that the double top edge of the barrier should be positioned approximately 1/2" (13mm) above grade. This helps retard potential root overgrowth. Failing to position the top edge above grade can allow root overgrowth which can lead to uprooted hardscapes.

D. Backfill and compact with soil inside the barrier to the level where the bottom of the root ball will be when positioned correctly with the crown of the root ball approximately 1" (26mm) above grade.

E. Remove the tree from its container, or cut away the top portion of burlap and position in the center of the barrier. Complete the backfill of the soil. Distribute evenly to maintain the shape of the barrier and compact the backfill every 4"-6" (10cm-15cm). Roots will die quickly if left exposed to the elements so keep exposure of the roots to a minimum.

F. If staking or guying is required we recommend using the soft, safe and economical alternative to traditional wire and hose, ArborTie (see www.deepproot.com for details)

G. If the tree(s) will be subject to maintenance work such as lawn mowing or weed trimming we strongly recommend the installation of ArborGard+ Tree Trunk Protectors which are placed around the base of young trees to protect them from damage by weed trimmers, lawn mowers and small rodents. (See www.deepproot.com)

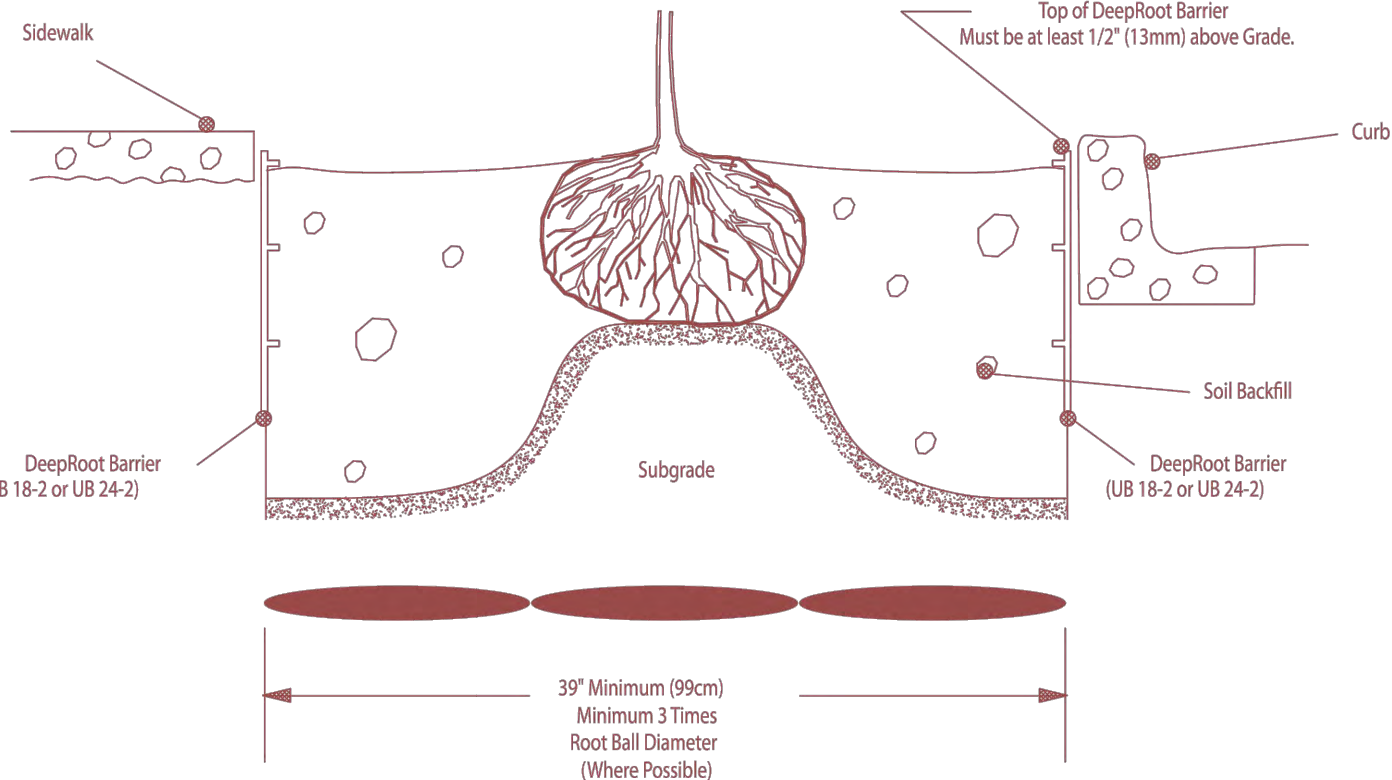
H. Water and follow proper tree maintenance practices.

Trees do require care and nurturing after planting. Consult with your local supplier for proper care procedures for the species you are planting. The planting instructions given here are by no means a comprehensive guide. Rather they are general guidelines to planting with DeepRoot Barriers and a survey of current planting methods. Conditions will vary however and it is recommended that an Arborist be consulted before planting.

For additional information please visit our website at www.deeproot.com

For information regarding distributors please call: 1 800 ILV ROOT (458.7668). For help with drainage or other difficult installation questions please call DeepRoot Technical Support at: 1 800 ROOT TEK (766.8835).

A Typical Surround Planting Installation Using DeepRoot Universal Barrier



CONSTRUCTION DETAILS II

MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN: MEP

CHECKED: WHS

DATE: 6/9/2021

SCALE: AS SHOWN














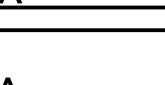















JOB NO.: 20-051

L11

ELECTRICAL GENERAL NOTES AND SPECIFICATIONS

<div>1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.</div> <div>2. THE DRAWINGS ARE INTENDED TO COMPLY WITH LISTED CODES, ORDINANCES, REGULATIONS AND STANDARDS. WHERE DISCREPANCIES OCCUR, IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING AND ASK FOR AN INTERPRETATION. SHOULD INSTALLED MATERIALS OR WORKMANSHIP FAIL TO COMPLY, THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING THE IMPROPER INSTALLATION. WHERE SIZES, CAPACITIES, OR OTHER SUCH FEATURES ARE REQUIRED IN EXCESS OF MINIMUM CODE OR STANDARDS REQUIREMENTS, PROVIDE THOSE SPECIFIED OR SHOWN.</div> <div>3. THE INTENT OF THE DRAWINGS IS TO ESTABLISH THE TYPES OF SYSTEMS AND FUNCTIONS, BUT NOT TO SET FORTH EACH ITEM ESSENTIAL TO THE FUNCTIONING OF THE SYSTEM. ELECTRICAL DRAWINGS ARE GENERALLY SCHEMATIC AND SHOW APPROXIMATE LOCATION AND EXTENT OF WORK. ELECTRICAL DRAWINGS MAY NOT BE DRAWN EXACTLY TO SCALE. THE DRAWINGS DO NOT SHOW EVERY ITEM OF EQUIPMENT, BOX, DEVICE, CONDUCTOR, ETC. REQUIRED FOR THE ELECTRICAL SYSTEM. HOWEVER, THE SCOPE OF WORK INCLUDES PROVIDING ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM AS SHOWN IN SCHEMATIC FORM ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT INSTALLATION AND ROUTING OF ALL ELECTRICAL EQUIPMENT WITH OTHER TRADES. IN CASE OF DOUBT AS TO WORK INTENDED, OR IF AMPLIFICATION OR CLARIFICATION IS NEEDED, REQUEST INSTRUCTIONS FROM THE OWNER'S REPRESENTATIVE.</div> <div>4. WHERE DISCREPANCIES OCCUR BETWEEN DRAWINGS AND/OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL PREVAIL.</div> <div>5. REVIEW PERTINENT DRAWINGS AND ADJUST THE WORK TO CONDITIONS SHOWN. WHERE DISCREPANCIES OCCUR BETWEEN DRAWINGS, SPECIFICATIONS, AND ACTUAL FIELD CONDITIONS, IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE FOR HIS INTERPRETATION.</div> <div>6. VISIT THE SITE AND ASCERTAIN THE CONDITIONS TO BE MET AND THE WORK TO BE ACCOMPLISHED IN REMOVING AND MODIFYING THE EXISTING WORK, AND INSTALLING THE NEW WORK. FAILURE TO COMPLY WITH THIS PROVISION SHALL NOT CONSTITUTE GROUNDS FOR ADDITIONAL PAYMENT IN CONNECTION WITH REMOVING OR MODIFYING PART OF THE EXISTING INSTALLATIONS AND INSTALLING NEW OR TEMPORARY WORK.</div> <div>7. OBTAIN CERTIFICATES OF INSPECTION AND OTHER PERMITS REQUIRED AS A PART OF THE WORK. THE CONTRACTOR SHALL OBTAIN TIMELY INSPECTIONS BY JURISDICTIONAL AUTHORITIES AT SUCH TIMES AS ARE REQUIRED BY THOSE AUTHORITIES. COSTS ASSOCIATED WITH EXPOSING WORK NOT INSPECTED IN A TIMELY MANNER, OR TESTING REQUIRED BY AUTHORITIES TO DEMONSTRATE COMPLIANCE WITH CODES OR STANDARDS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PAY ALL FEES REQUIRED FOR INSPECTION AND PERMITTING.</div> <div>8. WARRANTY ALL WORKMANSHIP INCLUDING LABOR, MATERIAL, AND EQUIPMENT FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF THE WORK.</div> <div>9. AN ACCEPTABLE CONTRACTOR FOR THE ELECTRICAL WORK SHALL HAVE PERSONNEL WITH EXPERIENCE, TRAINING AND SKILL TO PROVIDE A PRACTICAL WORKING SYSTEM. THE CONTRACTOR MAY BE REQUIRED TO FURNISH ACCEPTABLE EVIDENCE OF HAVING INSTALLED NOT LESS THAN THREE SYSTEMS OF SIZE AND TYPE COMPARABLE TO THIS PROJECT. THE SYSTEMS MUST HAVE SERVED SATISFACTORILY FOR NOT LESS THAN THREE YEARS. THE CONTRACTOR SHALL EMPLOY AND UTILIZE LICENSED AND CERTIFIED PROFESSIONALS AND TRADESMEN AS REQUIRED BY LOCAL JURISDICTIONS.</div> <div>10. VERIFY THE REQUIREMENTS OF THE ELECTRIC UTILITY PROVIDING SERVICE TO THE PROJECT. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED BY THE ELECTRIC UTILITY FOR SERVICE TO THE PROJECT. ALL FEES REQUIRED BY THE ELECTRIC UTILITY FOR PROVIDING SERVICE TO THE PROJECT SHALL BE PAID BY THE OWNER.</div> <div>11. VERIFY THE REQUIREMENTS OF THE TELEPHONE UTILITY PROVIDING SERVICE TO THE PROJECT. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED BY THE TELEPHONE UTILITY FOR SERVICE TO THE PROJECT. ALL FEES REQUIRED BY THE TELEPHONE UTILITY FOR PROVIDING SERVICE TO THE PROJECT SHALL BE PAID BY THE OWNER.</div> <div>12. PROVIDE NEW PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN PRODUCTION OF SUCH EQUIPMENT. PROVIDE THE MANUFACTURER'S LATEST STANDARD DESIGN FOR THE TYPE OF PRODUCT SPECIFIED. PRODUCTS MUST CONFORM TO REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. WHERE UNDERWRITERS' LABORATORIES HAVE SET STANDARDS, LISTED PRODUCTS AND ISSUED LABELS, PRODUCTS USED MUST BE LISTED AND LABELED BY UL. EQUIPMENT MUST BE DELIVERED WITH A HARD SURFACE, FACTORY-APPLIED FINISH SO THAT NO ADDITIONAL FIELD PAINTING IS REQUIRED EXCEPT FOR TOUCH-UP AS REQUIRED.</div> <div>13. SUBSTITUTE MATERIALS OR EQUIPMENT SUBMITTED UNDER AN "OR EQUAL" BASIS MUST BE SUBMITTED IN WRITING FIVE (5) DAYS PRIOR TO BID OPENING TO THE OWNER'S REPRESENTATIVE. THE PROPOSED SUBSTITUTE SUBMISSION SHALL INCLUDE MANUFACTURER'S PUBLISHED DATA COVERING ALL FEATURES OF THE MATERIAL OR EQUIPMENT.</div> <div>14. EQUIPMENT SELECTED MUST CONFORM TO THE BUILDING FEATURES AND MUST BE COORDINATED WITH THEM. DO NOT PROVIDE EQUIPMENT WHICH WILL NOT SUIT ARRANGEMENT AND SPACE LIMITATIONS. WHERE EQUIPMENT IS DESCRIBED BY MANUFACTURER'S DESIGNATIONS, YET ALTERNATE MANUFACTURERS ARE DESIGNATED IN THE CONTRACT DRAWINGS AS ACCEPTABLE SUPPLIERS, SPATIAL CONSIDERATIONS WILL BEAR EQUALLY WITH PERFORMANCE CRITERIA IN DETERMINING THE ACCEPTABILITY OF ALTERNATE EQUIPMENT.</div> <div>15. SCHEDULE POWER OUTAGES TO AVOID INTERFERENCE WITH THE OWNER'S ACTIVITIES. OBTAIN APPROVAL FROM OWNER AT LEAST THIRTY (30) DAYS PRIOR TO THE REQUESTED OUTAGE. IF REQUIRED BY OWNER, PROVIDE A SCHEDULE SHOWING SEQUENCE AND DURATION OF ALL ACTIVITIES DURING THE REQUESTED OUTAGE.</div>	<div>16. SEAL ALL PENETRATIONS OF FIRE RATED PARTITIONS DUE TO THE INSTALLATION OF ELECTRICAL SYSTEMS. EACH PENETRATION SHALL BE SEALED IN SUCH A MANNER THAT THE FIRE RATING OF THE PARTITION IS MAINTAINED.</div> <div>17. CONCEAL ELECTRICAL WORK IN WALLS, FLOORS, CHASES, UNDER FLOORS, UNDERGROUND AND ABOVE CEILINGS EXCEPT WHERE SHOWN OR SPECIFIED TO BE EXPOSED. EXPOSED IS UNDERSTOOD TO MEAN OPEN TO VIEW. WHERE CONDUIT IS SHOWN CONCEALED BELOW THE SURFACE OF THE FLOOR, CONDUIT MUST BE INSTALLED BELOW THE FLOOR SLAB UNLESS WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE STRUCTURAL ENGINEER OF RECORD TO ALLOW INSTALLATION WITHIN THE CONCRETE SLAB.</div> <div>18. UNLESS OTHERWISE NOTED, REMOVE ELECTRICAL MATERIALS AND EQUIPMENT FROM AREAS INDICATED FOR DEMOLITION. REMOVE UNUSED CONDUIT TO THE EXTENT NECESSARY TO ACCOMMODATE NEW WORK AND WHERE CONDUIT IS VISIBLE ABOVE THE FLOOR LINE. SEAL ABANDONED CONDUITS THAT REMAIN IN PLACE BEHIND WALLS OR IN FLOOR SLABS. REMOVE WIRING FROM ABANDONED CONDUIT. MATERIALS AND EQUIPMENT TO BE REMOVED, EXCEPT ITEMS SPECIFICALLY LISTED TO BE RELOCATED OR DELIVERED TO THE OWNER, BECOME THE PROPERTY OF THE CONTRACTOR AND MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE. ELECTRICAL SERVICES AND CONTROLS TO ITEMS BEING REMOVED MUST BE DISCONNECTED AND REMOVED COMPLETELY TO THEIR SOURCE OF SERVICE. WHERE SERVICES ARE REMOVED TO A DISCONNECTING MEANS, LABEL THE DISCONNECTING MEANS "SPARE". REMOVAL OF EQUIPMENT MUST NOT INTERFERE WITH EXISTING OPERATIONS.</div> <div>19. IF CONDUIT, CONDUCTORS, OR OTHER ELECTRICAL EQUIPMENT TO REMAIN PASSES THROUGH THE AREA OF DEMOLITION, REROUTE THESE SYSTEMS OUTSIDE THE AREA OF DEMOLITION AS REQUIRED AND PROVIDE WHATEVER NEW EQUIPMENT IS NECESSARY FOR EXISTING SERVICES TO REMAIN IN OPERATION.</div> <div>20. COORDINATE THE ACTUAL LOCATIONS OF ELECTRICAL SWITCHES, OUTLETS, AND EQUIPMENT WITH BUILDING FEATURES AND EQUIPMENT AS INDICATED ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND PLUMBING DRAWINGS. REVIEW WITH THE OWNER'S REPRESENTATIVE ANY PROPOSED CHANGES IN SWITCH, OUTLET, OR EQUIPMENT LOCATION. RELOCATION OF SWITCHES, OUTLETS, OR EQUIPMENT BEFORE INSTALLATION, OF UP TO 5 FEET FROM THE POSITION INDICATED, MAY BE DIRECTED BY THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COST.</div> <div>21. PROVIDE FINAL CONNECTION TO ALL EQUIPMENT REQUIRING ELECTRICAL SERVICE.</div> <div>22. PROVIDE A LOCAL DISCONNECTING MEANS FOR ALL EQUIPMENT REQUIRING ELECTRICAL SERVICE. SIZE ALL DISCONNECTING MEANS, UNLESS NOTED OTHERWISE ON DRAWINGS, IN ACCORDANCE WITH THE OVERCURRENT PROTECTIVE DEVICE FOR EACH CIRCUIT.</div> <div>23. VERIFY THE LOCATION AND CONNECTED LOAD OF ALL EQUIPMENT REQUIRING ELECTRICAL SERVICE. ADJUST CIRCUITS SERVING EQUIPMENT AS NEEDED TO COORDINATE WITH THE EQUIPMENT'S CONNECTED LOAD.</div> <div>24. ALL RACEWAYS SHALL BE RUN PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS, WALLS, CEILINGS OR FLOORS.</div> <div>25. ALL CONDUIT INSTALLED ABOVE SLAB OR GRADE LEVEL SHALL BE GALVANIZED RIGID STEEL (GRS), INTERMEDIATE METAL CONDUIT (IMC) OR ELECTRICAL METAL TUBING (EMT).</div> <div>26. CONDUIT FITTINGS SHALL BE MADE OF STEEL OR DIE-CAST MATERIAL AND SHALL BE SET-SCREW OR COMPRESSION TYPE ONLY.</div> <div>27. ALL EXPOSED HORIZONTAL CONDUIT SHALL BE RUN ABOVE THE BOTTOM CORD OF THE ROOF JOIST. CONDUIT MAY REST ON THE BOTTOM CHORD OF JOISTS, BUT MAY NOT BE SUSPENDED BELOW THE JOISTS.</div> <div>28. ALL EXPOSED OUTLET AND JUNCTION BOXES SUBJECT TO DAMAGE SHALL BE CAST STEEL. ALL EXPOSED CONDUIT SUBJECT TO DAMAGE SHALL BE GALVANIZED RIGID STEEL.</div> <div>29. PREMANUFACTURED WIRING SYSTEMS SUCH AS "BX" OR "MC" CABLE ARE NOT ALLOWED. ALL CONDUCTORS SHALL BE INSTALLED INSIDE RACEWAYS.</div> <div>30. UTILIZE CONDUCTORS WITH INSULATION RATED AT 600V AND INSULATED WITH "THHN" INSULATION IN DRY LOCATIONS AND "THWN" INSULATION IN WET LOCATIONS. CONDUCTORS IN FIXTURE CHANNELS AND OTHER SPECIAL LOCATIONS SHALL BE SPECIFICALLY RATED FOR TEMPERATURE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.</div> <div>31. SIZE ALL CONDUCTORS, UNLESS NOTED OTHERWISE ON DRAWINGS, IN ACCORDANCE WITH THE OVERCURRENT PROTECTIVE DEVICE FOR EACH CIRCUIT.</div> <div>32. CONDUCTORS SHALL BE SIZED BASED UPON USE WITH 75C TERMINATIONS. FURNISH TERMINATIONS RATED AT 75C FOR ALL CONDUCTORS OR DERATE CONDUCTORS FOR USE AT 60C. 90C RATED TERMINATIONS ARE ACCEPTABLE BUT ALL CONDUCTORS USED WITH 90C TERMINATIONS SHALL BE SIZED BASED UPON THE 75C RATING.</div> <div>33. PROVIDE A GROUNDING CONDUCTOR IN ALL RACEWAYS.</div> <div>34. INSTALL A SEPARATE NEUTRAL CONDUCTOR FOR EACH PHASE CONDUCTOR ON CIRCUITS SERVING RECEPTACLES.</div> <div>35. THE MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG.</div> <div>36. INSTALL #10 AWG CONDUCTORS FOR ALL 20A HOMERUN CIRCUITS LONGER THAN FIFTY (50) FEET.</div>	<div>37. CONCRETE PIERS AND POLE BASES FOR LIGHT POLES AND THEIR ASSOCIATED FIXTURES SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS.</div> <div>38. PROVIDE LAMPS FOR ALL LIGHT FIXTURES SHOWN ON THE DRAWINGS.</div> <div>39. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES AND CEILING TYPES. VERIFY CEILING TYPES WITH OWNER'S REPRESENTATIVE. COORDINATE LIGHT FIXTURE MOUNTING HARDWARE AND TRIM TYPES WITH ACTUAL CEILING TYPES TO ENSURE PROPER INSTALLATION OF LIGHT FIXTURES.</div> <div>40. FOR ALL EXISTING LIGHT FIXTURES SHOWN TO REMAIN OR TO BE RELOCATED: CLEAN, RELAMP, REPLACE ALL CRACKED OR YELLOWED LENSES, REPLACE BALLASTS AS REQUIRED FOR ALL LAMPS TO BE FULLY OPERATIONAL. NEW FIXTURES, MAY BE SUBSTITUTED FOR EXISTING FIXTURES IN LIEU OF CLEANING AND REPAIR. ANY FIXTURE SUBSTITUTIONS MUST BE APPROVED IN WRITING BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.</div> <div>41. ALL PANELS SHALL BE PANELBOARD CONSTRUCTION WITH COPPER BUSSES AND BOLT-IN CIRCUIT BREAKERS.</div> <div>42. SERVE ALL HVAC EQUIPMENT WITH HACR RATED CIRCUIT BREAKERS. SERVE ALL HID LIGHT FIXTURES WITH HID RATED CIRCUIT BREAKERS.</div> <div>43. PROVIDE PANELS WITH AIC RATINGS AS INDICATED ON DRAWINGS. VERIFY AVAILABLE FAULT CURRENT WITH ELECTRICAL UTILITY PROVIDING SERVICE TO THE SITE. INCREASE AIC RATINGS OF PANELS IF REQUIRED TO EXCEED THE AVAILABLE FAULT CURRENT FROM THE ELECTRIC UTILITY.</div> <div>44. APPROVED MANUFACTURERS FOR SWITCHGEAR ARE CUTLER-HAMMER, GENERAL ELECTRIC, SIEMENS, AND SQUARE D.</div> <div>45. THE OWNER SHALL SELECT THE COLOR OF WIRING DEVICES AND THEIR ASSOCIATED PLATES. VERIFY THE COLOR OF WIRING DEVICES AND PLATES PRIOR TO INSTALLATION. RECEPTACLES SHALL BE HARD USE SPECIFICATION GRADE RATED FOR 125V/20A, EQUAL TO PASS & SEYMOUR #5352 SERIES. SWITCHES SHALL BE HEAVY DUTY SPECIFICATION GRADE RATED FOR 277V/20A, EQUAL TO PASS & SEYMOUR #20AC1 SERIES. APPROVED MANUFACTURERS FOR WIRING DEVICES, SHALL BE HUBBELL, LEVITON, AND PASS & SEYMOUR.</div> <div>46. THE OWNER SHALL SELECT THE COLOR OF OCCUPANCY SENSORS. VERIFY THE COLOR OF OCCUPANCY SENSORS PRIOR TO INSTALLATION. WALL MOUNTED OCCUPANCY SENSORS SHALL BE NOVITAS #01-400. IN ROOMS, THE SENSING UNIT FOR CEILING MOUNTED OCCUPANCY SENSORS SHALL BE NOVITAS #01-190. IN CORRIDORS, THE SENSING UNIT FOR CEILING MOUNTED OCCUPANCY SENSORS SHALL BE NOVITAS #01-100. THE POWERPACK MODULE FOR CEILING MOUNTED OCCUPANCY SENSORS SHALL BE NOVITAS #13-051.</div> <div>47. BE RESPONSIBLE FOR THE COST OF CUTTING AND PATCHING REQUIRED IN CONNECTION WITH THE WORK. COORDINATE THE WORK TO ELIMINATE UNNECESSARY CUTTING OF CONSTRUCTION. WHERE IT BECOMES NECESSARY TO CUT THROUGH WALLS, FLOORS, CEILINGS AND OTHER CONSTRUCTION TO PERMIT INSTALLATION OF THE WORK, OR TO REPAIR DEFECTIVE WORK, THE COSTS FOR SUCH CUTTING AND PATCHING SHALL BE INCLUDED AS PART OF THE WORK. CUTTING OF STRUCTURAL MEMBERS IS NOT PERMITTED UNLESS SPECIFIC WRITTEN PERMISSION IS GRANTED BY THE OWNER'S REPRESENTATIVE.</div> <div>48. EXCAVATE AND BACKFILL AS NECESSARY FOR THE INSTALLATION OF THE WORK. EXCAVATE TO THE PROPER DEPTH, WITH ALLOWANCES MADE FOR FLOOR SLABS, FORMS, BEAMS, ETC. COMPACT THE GROUND UNDER CONDUITS BEFORE CONDUITS ARE INSTALLED. INSTALL EXTERIOR CONDUITS WITH A MINIMUM OF 30 INCHES OF COVER BELOW THE FINISHED GRADE, UNLESS OTHERWISE INDICATED. USE SELECTED SOIL FOR BACKFILLING, FREE FROM ROCKS AND DEBRIS. PNEUMATICALLY TAMPED WITH 6 INCH LAYERS TO SECURE A FIELD DENSITY RATIO OF 90 PERCENT. REMOVE FROM THE SITE EXCAVATED MATERIALS NOT SUITABLE FOR BACKFILL AND NOT USED IN THE BACKFILL. FIELD CHECK AND VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES. IN THE EVENT EXISTING UTILITIES ARE DAMAGED, THEY SHALL BE REPAIRED TO MAKE THEIR OPERATION EQUAL TO BEFORE ANY TRENCHING WAS STARTED. REPLACE CONCRETE, CURBS, PAVING AND OTHER SURFACE IMPROVEMENTS CUT DURING EXCAVATION TO THEIR ORIGINAL CONDITION. IN A LIME STABILIZED AREA, THE LIME STABILIZATION SHALL BE FULLY RESTORED AFTER THE EXCAVATION IS COMPLETE.</div>
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SYMBOL LEGEND

<div> DISTRIBUTION PANELBOARD, SURFACE MOUNTED</div> <div> BRANCH PANELBOARD, SURFACE MOUNTED</div> <div> BRANCH PANELBOARD, FLUSH MOUNTED</div> <div> DRY-TYPE TRANSFORMER</div> <div> 2x4 FIXTURE, LETTER INDICATES TYPE</div> <div> 2x4 FIXTURE ON AN UNSWITCHED CIRCUIT, LETTER INDICATES TYPE</div> <div> 2x2 FIXTURE, LETTER INDICATES TYPE</div> <div> 2x2 FIXTURE ON AN UNSWITCHED CIRCUIT, LETTER INDICATES TYPE</div> <div> WALL MOUNTED FIXTURE, LETTER INDICATES TYPE</div> <div> WALL MOUNTED FIXTURE ON AN UNSWITCHED CIRCUIT, LETTER INDICATES TYPE</div> <div> 4' STRIP FIXTURE, LETTER INDICATES TYPE</div> <div> 4' STRIP FIXTURE ON AN UNSWITCHED CIRCUIT, LETTER INDICATES TYPE</div> <div> 8' STRIP FIXTURE, LETTER INDICATES TYPE</div> <div> 8' STRIP FIXTURE ON AN UNSWITCHED CIRCUIT, LETTER INDICATES TYPE</div> <div> LOW-BAY OR HIGH-BAY LIGHT FIXTURE, LETTER INDICATES TYPE</div> <div> RECESSED DOWNLIGHT, LETTER INDICATES TYPE</div> <div> RECESSED WALLWASH FIXTURE, LETTER INDICATES TYPE</div> <div> WALL MOUNTED LIGHT FIXTURE, LETTER INDICATES TYPE</div> <div> CEILING FAN, LETTER INDICATES TYPE</div> <div> PENDANT LIGHT FIXTURE, LETTER INDICATES TYPE</div> <div> CHANDALIER LIGHT FIXTURE, LETTER INDICATES TYPE</div> <div> EXIT LIGHT FIXTURE WITH INTEGRAL BATTERY PACK, ARROWS INDICATE DIRECTION, LETTER INDICATES TYPE</div> <div> COMBINATION EXIT/EMERGENCY LIGHT FIXTURE WITH BATTERY PACK, LETTER INDICATES TYPE</div> <div> EMERGENCY LIGHT FIXTURE WITH BATTERY PACK, LETTER INDICATES TYPE</div> <div> EQUIPMENT CONNECTION</div> <div> NON-FUSED DISCONNECT. SIZE AMPERAGE AND NUMBER OF POLES IN ACCORDANCE WITH THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE</div> <div> FUSED DISCONNECT. SIZE AMPERAGE AND NUMBER OF POLES IN ACCORDANCE WITH THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE</div> <div> COMBINATION STARTER/DISCONNECT, SIZE AMPERAGE AND NUMBER OF POLES IN ACCORDANCE WITH THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE</div> <div> CEILING MOUNTED OCCUPANCY SENSOR</div>	<div>\$ SINGLE POLE SWITCH, MOUNTED 45" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE, SUBSCRIPTS INDICATE THE FOLLOWING: 3 - 3-WAY SWITCH 4 - 4-WAY SWITCH K - KEYED SWITCH 3K - 3-WAY KEYED SWITCH 4K - 4-WAY KEYED SWITCH D - DIMMER 3D - 3-WAY DIMMER F - FAN RATED M - OCCUPANCY SENSOR R - MOTOR RATED SWITCH Y - MOMENTARY SWITCH WP- WEATHER-PROOF</div> <div>Ⓢ DUPLEX RECEPTACLE, MOUNTED 18" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE, SUBSCRIPTS INDICATE THE FOLLOWING: * - MOUNTED 6" ABOVE COUNTER TO THE CENTER OF DEVICE G - GROUND FAULT INTERRUPTER TYPE IG - ISOLATED GROUND T - TAMPER-PROOF WP- WEATHER-PROOF</div> <div>Ⓢ QUADPLEX RECEPTACLE, MOUNTED 18" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE, SUBSCRIPTS INDICATE THE FOLLOWING: * - MOUNTED 6" ABOVE COUNTER TO THE CENTER OF DEVICE G - GROUND FAULT INTERRUPTER TYPE IG - ISOLATED GROUND T - TAMPER-PROOF WP- WEATHER-PROOF GROUND FAULT INTERRUPTER TYPE</div> <div>◁ TELEPHONE/DATA OUTLET, MOUNTED 18" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE WITH 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>≧ TELEPHONE/DATA OUTLET, MOUNTED 6" ABOVE TOP OF COUNTER TO THE CENTER OF DEVICE WITH 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>↵ CABLE TV OUTLET, MOUNTED 18" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE WITH 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>↵ CABLE TV OUTLET, MOUNTED 6" ABOVE TOP OF COUNTER TO THE CENTER OF DEVICE WITH 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>Ⓢ FLOOR MOUNTED RECEPTACLE WITH BRASS COVER PLATE</div> <div>Ⓢ FLOOR MOUNTED TELEPHONE OUTLET WITH BRASS COVER PLATE & 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>Ⓢ FLOOR MOUNTED DATA OUTLET WITH BRASS COVER PLATE & 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>Ⓢ FLOOR MOUNTED CABLE TV OUTLET WITH BRASS COVER PLATE & 3/4" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>Ⓢ THERMOSTAT OUTLET BOX, MOUNTED 46" ABOVE FINISHED FLOOR TO THE CENTER OF DEVICE WITH 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING</div> <div>↗ HOMERUN TO PANELBOARD - ARROW(S) INDICATE NUMBER OF CIRCUITS. SUBSCRIPT DENOTES PANELBOARD AND CIRCUIT NUMBER(S)</div>
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REVISIONS:



MHS
PLANNING & DESIGN, LLC
212 West Ninth Street Tyler, Texas 75701
903-597-6606
TBPE No. 14571

NOTES AND SYMBOL LEGEND
MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN:

CHECKED: LKP

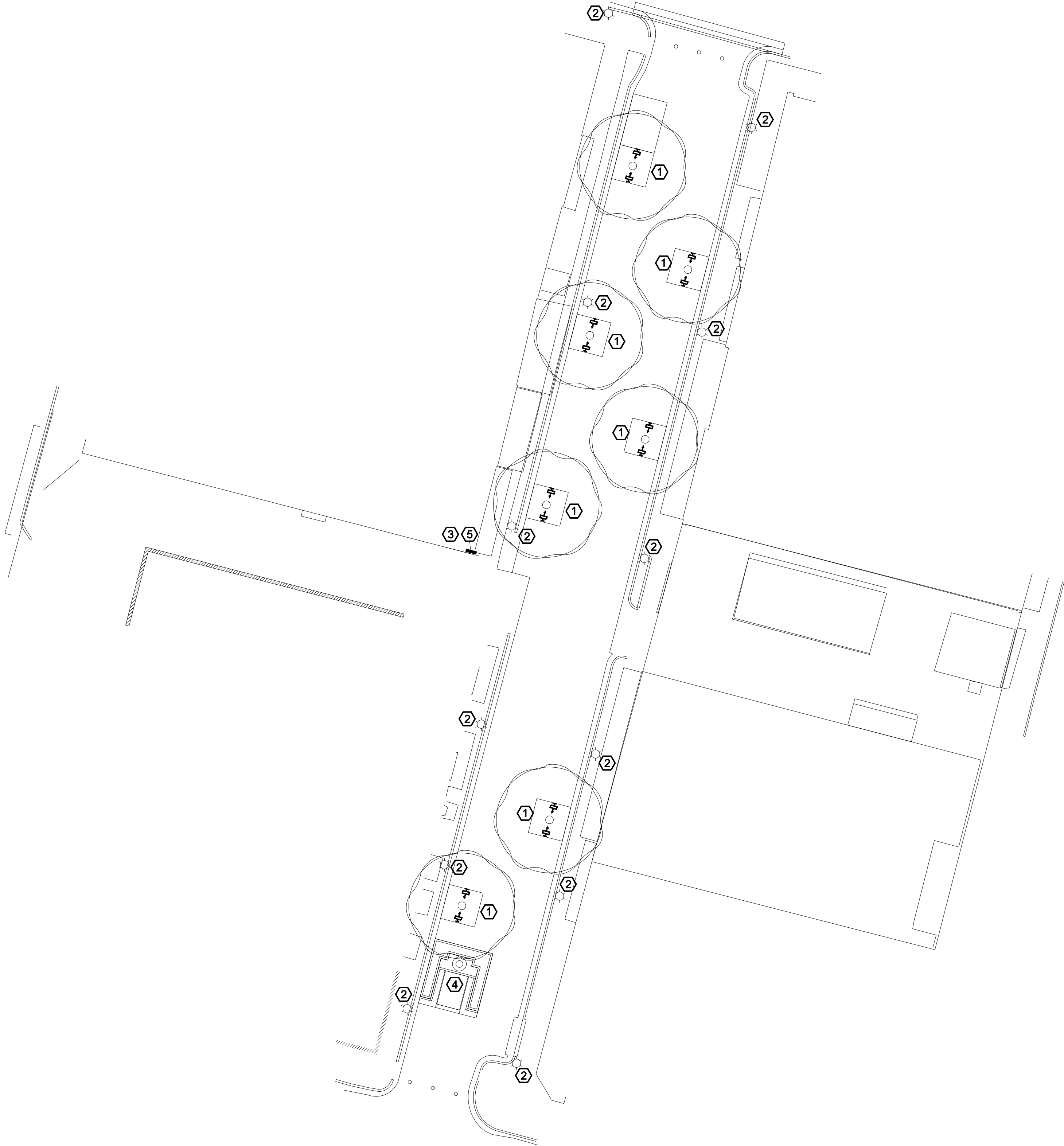
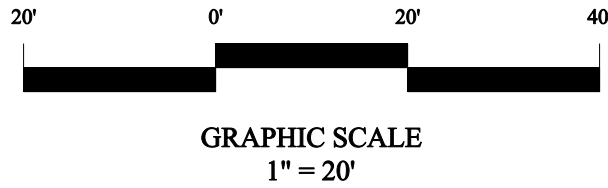
DATE: 04/19/21

SCALE: AS SHOWN

JOB NO.: 20-051

E1

MOODY & PHILLIPS ELECTRIC CO., INC.
1205 S. BENNETT
TYLER, TEXAS 75701
903-597-5001
TEXAS REGISTRATION No. F-553



GENERAL NOTES

- 1. REFER TO CIVIL/LANDSCAPE DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.
- 2. INSTALL MARKING TAPE 6" (BRADY IDENTOLINE OR EQUAL) ABOVE ALL CONDUIT INSTALLED BELOW GRADE.
- 3. BACKFILL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED 12" LOOSE DEPTH AND SHALL BE COMPACTED A MINIMUM OF 95% OF STANDARD MAXIMUM DENSITY.
- 4. DO NOT CUT EXISTING PAVEMENT, SIDEWALKS OR CURBS. DO NOT DITCH OR EXCAVATE WITHIN 5FT OF THE DRIPLINE OF EXISTING TREES. BORE AS REQUIRED TO AVOID THESE OBSTACLES.
- 5. SERVE ALL LIGHT FIXTURES WITH 3/4"C, 3 -#10.
- 6. SERVE ALL LIGHT FIXTURES FROM EXISTING PANEL SHOWN BY PLAN NOTE "5". PROVIDE BRANCH CIRCUIT BREAKERS AS REQUIRED TO SERVE LIGHT FIXTURES. CONNECT A MAXIMUM OF (6) LIGHT FIXTURES TO A 20A/1P CIRCUIT BREAKER.

PLAN NOTES

- PRIOR TO INSTALLATION VERIFY THE EXACT LOCATION AND CONNECTION REQUIREMENTS FOR ALL EQUIPMENT DESIGNATED BY PLAN NOTES.
- 1. FLOODLIGHTS MOUNTED ON STANCHION (KIM #AFL1-8L20-3K8-M-UNV-K-SM18-CC). AIM AS DIRECTED BY OWNER'S REPRESENTATIVE.
 - 2. EXISTING LIGHT POLE TO REMAIN.
 - 3. INSTALL A NEW 4-POLE LIGHTING CONTACTOR IN A NEMA-3R ENCLOSURE ADJACENT TO EXISTING PANEL. CONNECT LIGHTING CONTACTOR TO EXISTING LIGHTING CONTROL CIRCUIT.
 - 4. FOUNTAIN. PROVIDE 120V/20A CIRCUIT FED BY A GFCI CIRCUIT BREAKER.
 - 5. EXISTING ELECTRICAL PANEL.

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ELECTRICAL SITE PLAN
MARKET STREET
CITY OF WINNSBORO, TEXAS

DRAWN:	
CHECKED:	LKP
DATE:	04/19/21
SCALE:	AS SHOWN
JOB NO.:	20-051

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