

LEGEND

- MINIMUM LIMITS OF FIRE APPARATUS DRIVE
- PROP IRON PICKET FENCE
- PROP METAL PANEL FENCE
- PROPERTY LINE

BENCHMARK:
 CITY OF BRYAN MONUMENT GPS-33
 (GRID COORDINATES)
 N: 10,230,645.06
 E: 3,350,917.70
 ELEV: 339.050 (ELEVATION DATUM NAVD 1988)
 SURFACE COORDINATES CREATED BY SCALING FROM A BASE POINT OF 0.0 WITH A COMBINED SCALE FACTOR OF 1.0001182683777 DETERMINED USING GEOID12B.

SCALE IN FEET
 1" = 30'

1. ALL DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR OUTSIDE OF BUILDING FACE UNLESS NOTED OTHERWISE.
2. REFER TO SHT 1C1.01 THRU 1C1.05 TOPOGRAPHIC SURVEY PREPARED BY KERR SURVEYING, DATED 09/19/2023 FOR EXISTING CONDITIONS, SURVEY BENCHMARKS, HORIZONTAL AND VERTICAL CONTROL.
3. ALL DISTURBED GRASS AND NON-PAVED AREAS NOT INDICATED FOR IMPROVEMENTS BY LANDSCAPING PLANS ARE TO BE STABILIZED AND RESTORED WITH 4" MINIMUM TOPSOIL AND SODDING AS INDICATED TO MATCH FINISH GRADES PER GRADING PLAN.
4. A COMPLETE GRASS COVER SHALL BE ESTABLISHED ON ALL DISTURBED GRASS AREAS. CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY GRASS STABILIZATION AND IRRIGATION AS REQUIRED FOR THE SWPPP AND FINAL SITE STABILIZATION.
5. REFER TO PROJECT EARTHWORK SPECIFICATIONS AND GEOTECHNICAL REPORT FOR PREPARATION OF BUILDING AND PAVING SUBGRADES.
6. ALL CONSTRUCTION WORK WITHIN EAST 29TH STREET ROW, RUSTLING OAKS DRIVE ROW AND WATER METER EASEMENT SHALL COMPLY WITH APPLICABLE CITY OF BRYAN REQUIREMENTS, STANDARD DETAILS AND SPECIFICATIONS.
7. THIS PROJECT IS CURRENTLY ZONED OFFICE DISTRICT (C-1) AND LOCATED WITHIN UNSHADED ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE (500-YR) FLOODPLAIN ON FEMA FIRM 48041C01215F REVISED 4/2/2014.
8. ALL MINIMUM BUILDING SETBACKS SHALL BE IN ACCORDANCE OF CITY OF BRYAN CODE OF ORDINANCES.
9. BUILDING ELECTRICAL SERVICE IS 480/277V 3 PHASE, RE: ELECTRICAL PLANS.
10. ALL GAS, ELECTRICAL AND COMMUNICATION LINES AND FACILITIES ARE FOR INFORMATION AND COORDINATION ONLY.
11. APPLICANTS MUST SUBMIT LARGE SITE (GREATER THAN 5 ACRES) NOI, LEW, NOTICE OF TERMINATION, AND NOTICE OF CHANGE FORMS ONLINE USING THE E-PERMITTING SYSTEM (STERS) AT [HTTPS://WWW3.TCEQ.TEXAS.GOV/STERS/](https://www3.tceq.texas.gov/sters/) OR OBTAIN AN ELECTRONIC REPORTING WAIVER. A SEPARATE WAIVER FORM IS REQUIRED FOR EACH PERMIT AND MAY BE OBTAINED BY CONTACTING THE STORMWATER PROGRAM AT 512-239-3700. ADDITIONAL INFORMATION ABOUT THE TCEQ CONSTRUCTION STORMWATER GENERAL PERMIT MAY BE FOUND ON TCEQ'S WEBSITE ([HTTPS://WWW.TCEQ.TEXAS.GOV/](https://www.tceq.texas.gov/)).

- GENERAL NOTES**
- 1 PROP 7" THK CONC TRAFFIC PAVING, RE: DTL 2, SHT 1C7.01.
 - 2 PROP 6" THK CONC TRAFFIC PAVING, RE: DTL 1, SHT 1C7.01.
 - 3 PROP 4.5" THK CONC SIDEWALK PAVING AND/OR CONC SLOPE PAVING, RE: DTL 4, SHT 1C7.01.
 - 4 PROP LIGHT POLE FOUNDATION, HEIGHT OF APPROX 28' RE: DTL 6, SHT 1C7.10.
 - 5 PROP 6" CONC CURB, RE: DTL 5, SHT 1C7.01.
 - 6 PROP ADA ACCESSIBLE CONCRETE WHEEL CHAIR CURB RAMP, RE: DTL 6, SHT 1C7.02.
 - 7 PROP PRECAST CONCRETE WHEEL STOP, RE: DTL 3, SHT 1C7.10.
 - 8 PROP ADA RESERVED PARKING SYMBOL PAVEMENT MARKING, RE: DTL 4, SHT 1C7.10.
 - 9 PROP ADA RESERVED PARKING SIGN (VAN ACCESSIBLE), RE: DTL 7, SHT 1C7.10.
 - 10 PROP DUMPSTER ENCLOSURE, RE: ARCHITECTURAL & STRUCTURAL.
 - 11 PROP 8' HT METAL SHADOW BOX PANEL FENCE WITH 24"W x 4"D CONCRETE MOW STRIP, RE: ARCHITECTURAL, SHT 2A1.20.
 - 12 PROP 4" WIDE WHITE TRAFFIC PAINT STRIPING. ALL CROSS HATCH AREA STRIPING TO BE SPACED 2-FOOT ON CENTER AT 45° DIAGONAL TO PERIMETER STRIPING AS INDICATED, RE: DTL 4, SHT 1C7.10.
 - 13 PROP DOOR STOOP OR DOORWAY ENTRY PAVING, RE: STRUCTURAL & CIVIL GRADING PLAN.
 - 14 PROP GRASS/ LANDSCAPE AREA, HYDRO-MULCH SEED ALL GRASS AREAS EXCEPT NON-DISTURBED AREAS WITH ESTABLISHED GRASS, RE: LANDSCAPE PLANS FOR TREES, SHRUBS, PLANTS AND IRRIGATION SYSTEMS.
 - 15 PROP 8' HT ORNAMENTAL METAL PICKET FENCE WITH 24"W x 4"D CONCRETE MOW STRIP, RE: ARCHITECTURAL, SHT 2A1.20.
 - 16 PROP GATE ACCESS CARD READERS WITH HI/LO POST, RE: TECHNOLOGY PLANS. ANCHOR POST WITH 18" DIA x 36" DEEP CONCRETE FOUNDATION.
 - 17 PROP PIPE BOLLARD AND FOUNDATION (AT 4' USUAL SPACING FOR MULTIPLE), RE: DTL 9, SHT 1C7.10.
 - 18 PROP ASPHALT STREET CUT PAVING REPAIR (PUBLIC), RE: BRYAN-COLLEGE STATION STD STREET DETAILS, RE: DTL 1, SHT 1C8.21.
 - 19 PROP 6" CONC CURB (PUBLIC), RE: BRYAN-COLLEGE STATION STD STREET DETAILS, RE: DTL 1, SHT 1C8.20.
 - 20 PROP 4.5" THK CONC SIDEWALK PAVING (PUBLIC), RE: BRYAN-COLLEGE STATION STD SIDEWALK DETAILS, RE: DTL 1, SHT 1C8.10.
 - 21 PROP TRAFFIC DIRECTION ARROW (STRAIGHT) PAVEMENT MARKING, RE: DTL 8, SHT 1C7.10.
 - 22 PROP TRAFFIC DIRECTION ARROW (CURVED) PAVEMENT MARKING, RE: DTL 8, SHT 1C7.10.
 - 23 PROP PERSONNEL SWING GATE WITH 5' CLEAR OPENING TO MATCH FENCE TYPE, RE: ARCHITECTURAL, SHT 2A1.20.
 - 24 PROP FIRE DEPT KEY (KNOX) BOX SECURELY MOUNTED TO GATE LATCH POST WITH MANUAL OVERRIDE, KNOX KEY SWITCH AND UL 325. GATE CONTRACTORS MUST OBTAIN PERMIT THROUGH BRYAN FMO TO ENSURE COMPLIANCE.
 - 25 PROP FIRE HYDRANT, RE: W1-03 DTL 1, SHT 1C8.30.
 - 26 PROP 8" FIRE & DOMESTIC WATER METER ASSEMBLY W/BYPASS AND VAULT, RE: P&P SHT 1C4.31 & DTL 2, SHT 1C7.22.
 - 27 PROP 8" RPZ BACKFLOW PREVENTER ASSEMBLY, ABOVE GRADE W/FOUNDATION SLAB, SUPPORTS AND WEATHERPROOF ENCLOSURE, RE: DTL 3, SHT 1C7.22.
 - 28 PROP 8" WET CONNECTION, RE: PUBLIC WATER LINE WORK, SHT 1C4.30.
 - 29 ABANDONED 20" WIDE PIPELINE & EXIST UTILITY EASEMENT.
 - 30 PROP FDC DIRECTION SIGN, RE: DTL 5, SHT 1C7.10 & DTL 10, SHT 1C7.10.
 - 31 PROP STOP SIGN, RE: DTL 5, SHT 1C7.10.
 - 32 PROP "STOP" LETTERING PAVEMENT MARKING, RE: DTL 2, SHT 1C7.10.
 - 33 FIRE LANE STRIPING, RE: BRYAN FIRE DEPARTMENT ACCESS AND FIRE PROTECTION/UTILITY EQUIPMENT IDENTIFICATIONS REQUIREMENTS (OPTION 2).
 - 34 PROP TEMPORARY CONSTRUCTION ACCESS ROAD. MINIMUM 4" LIMESTONE BASE WITH ONE-COURSE SEAL COAT IN ACCORDANCE WITH CITY STANDARDS.
 - 35 PROP FACILITY MONUMENT SIGN (10' MAX HEIGHT) WITH PERIMETER PLANTER, RE: ARCHITECTURAL PLANS.
 - 36 PROP 15'x25" WATER METER EASEMENT ABUTTING ROW.
 - 37 PROP 18 LF 24" WIDE STOP LINE, 2 COATS WHITE TRAFFIC PAINT OR PREFORMED PLASTIC PAVEMENT MARKING.
 - 38 PROP 8"x8" TEE AND (2)8" GATE VALVE WITH BOX.
 - 39 DROP INLET BASKET/INLET PROTECTION BARRIER. RE: 1C8.00 DTL: SWPP1-00.
 - 40 SILT FABRIC ASSEMBLY. RE: 1C8.00 DTL: SWPP1-03.
 - 41 CONCRETE WASHOUT. RE: 1C8.00 DTL: SWPP1-04.
 - 42 PROP 30' FLAG POLE. RE: ARCHITECTURAL AND STRUCTURAL DETAILS.
 - 43 PROP 2" IRRIGATION TAP, PRIVATE 2" WATER METER W/BOX & 2" BACKFLOW PREVENTER ASSEMBLY W/ENCLOSURE, RE: IRRIGATION PLAN, SHT 1L5.01 & DTL 6.7&8 SHT 1L6.02.

MEDICAL EXAMINER PARKING COUNT

REQUIRED PARKING:

1. GENERAL OFFICE (1 PARKING SPACE/ 300 SF)
10,500 SF / 300 SF = 35 PARKING SPACES
2. ENCLOSED STORAGE (1 PARKING SPACE / 900 SF)
11,400 SF / 900 SF = 13 PARKING SPACES

TOTAL REQUIRED PARKING SPACES = 48 PARKING SPACES
 TOTAL PARKING SPACES PROVIDED = 148 PARKING SPACES

PARKING ANALYSIS



BRAZOS COUNTY
 300 E 26TH STREET
 BRYAN, TEXAS 77803
 (7) (979) 361-4586
 (F)

ARCHITECT
PGAL

3131 BRIARPARK DRIVE
 SUITE 200
 HOUSTON, TX 77042
 (T) 713 622 1444
 (F) 713 968 9333
 www.pgal.com

PGAL TPBELS REG. NO: F-2742
 CONSULTANT

REGISTRATION
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 WILLIAM H. PACE
 LICENSED PROFESSIONAL ENGINEER
 59672

NO.	DATE	DESCRIPTION
1	10/27/2023	SCHEMATIC DESIGN
2	06/21/2024	75% CD
3	08/14/2024	100% CONSTRUCTION DOCUMENTS
1	09/16/2024	4849
2	10/15/2024	4849

PROJECT NAME
 BRAZOS COUNTY
 MEDICAL EXAMINER
 OFFICE

LEGAL DESCRIPTION:
 ST JOSEPH PROFESSIONAL
 PARK, BLOCK 1, LOT 1,
 ACRES 11.1

PROJECT LOCATION
 3037 E 29TH STREET
 BRYAN, TX 77802

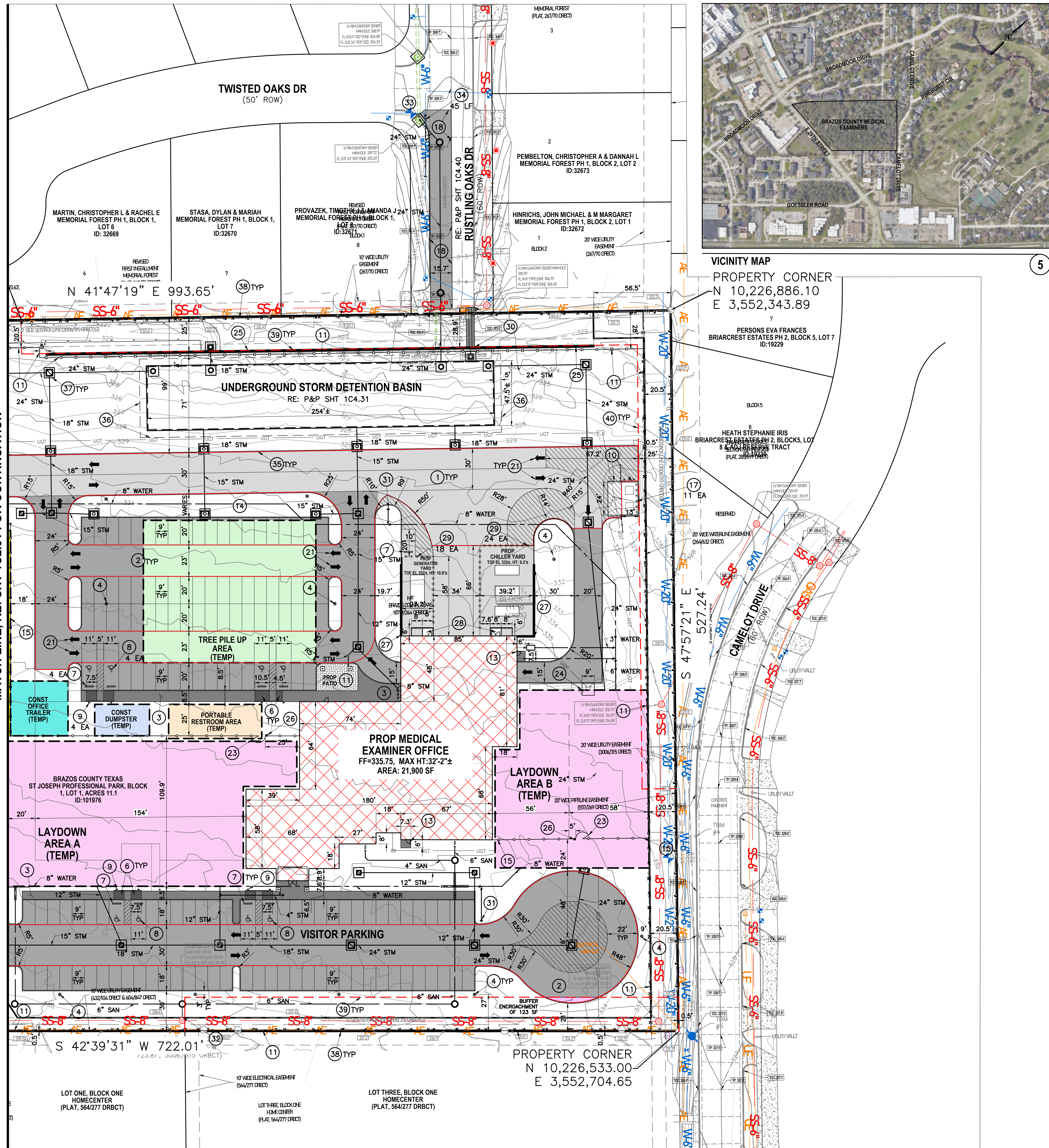
PROJECT NUMBER
 1007230.00

SHEET TITLE
 SDRC SITE PLAN
 (SOUTH)

SHEET NUMBER
 102.21

MATCH LINE, RE: SHT 1C2.31 FOR CONTINUATION

FILE NAME: S:\1007000-1007290\1007290\04_DOCUMENTS\CAD\CIVIL\DWG\1007290-7230_SDRC_SITE_PLAN_(NORTH).DWG
DATE: STAMP Tuesday, October 15, 2024 5:20:52 PM



VICINITY MAP
PROPERTY CORNER
N 10,226,886.10
E 3,552,343.89

PERSONS EVA FRANCES
BRIARCREST ESTATES PH 2, BLOCK 5, LOT 7
ID:19229

HEATH STEPHANIE IRIS
BRIARCREST ESTATES PH 2, BLOCKS, LOT 8 & ADJACENT TRACT
(PLAT 20140424)

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

BENCHMARK:
CITY OF BRYAN MONUMENT GPS-33
(GRID COORDINATES)
N: 10,230,645.06
E: 3,550,917.70
ELEV: 339.050 (ELEVATION DATUM NAVD 1983)
SURFACE COORDINATES CREATED BY SCALING
FROM A BASE POINT OF 0,0 WITH A COMBINED
SCALE FACTOR OF 1.0001182683777
DETERMINED USING GEOID12B.

LEGEND

- PROP BUILDING
- PROP CONCRETE SIDEWALK/
CONCRETE SLOPE PAVING
- PROP 6" CONCRETE TRAFFIC PAVING
- PROP 7" CONCRETE TRAFFIC PAVING
- MINIMUM LIMITS OF FIRE
APPARATUS DRIVE
- PROP IRON PICKET FENCE
- PROP METAL PANEL FENCE
- PROPERTY LINE

SCALE IN FEET
1" = 30'

1. ALL DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR OUTSIDE OF BUILDING FACE UNLESS NOTED OTHERWISE.
2. REFER TO SHT 1C1.01 THRU 1C1.05 TOPOGRAPHIC SURVEY PREPARED BY KERR SURVEYING, DATED 09/19/2023 FOR EXISTING CONDITIONS, SURVEY BENCHMARKS, HORIZONTAL AND VERTICAL CONTROL.
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4. A COMPLETE GRASS COVER SHALL BE ESTABLISHED ON ALL DISTURBED GRASS AREAS. CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY GRASS STABILIZATION AND IRRIGATION AS REQUIRED FOR THE SWPPP AND FINAL SITE STABILIZATION.
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9. BUILDING ELECTRICAL SERVICE IS 480/277V 3 PHASE, RE: ELECTRICAL PLANS.
10. ALL GAS, ELECTRICAL AND COMMUNICATION LINES AND FACILITIES ARE FOR INFORMATION AND COORDINATION ONLY.
11. BEFORE ENCLOSURE CONSTRUCTION/MODIFICATION BEGINS CONTACT SOLID WASTE, AT (979)209-5900 FOR AN ON-SITE REVIEW.
12. IF ANY CHANGES ARE MADE TO THE ENCLOSURE PLAN DURING THE CONSTRUCTION PHASE PLEASE CONTACT SOLID WASTE TO REVIEW MODIFICATIONS.
13. DUMPSTER CONTAINMENT AREAS SHALL USE 8" CONCRETE, REINFORCED WITH #5 BARS AT 12" C/W AND THE PAD SHALL EXTEND AN ADDITIONAL 10' IN FRONT OF THE CONTAINMENT AREA.
14. THE DUMPSTER CONTAINMENT AREA SHALL BE SURROUNDED ON THREE SIDES WITH A SCREEN CONSTRUCTED TO A HEIGHT OF SIX FEET.
15. AN ALL-WEATHER ACCESS ROUTE (I.E. PARKING LOTS, LOADING DOCKS, PRIVATE ROADS, ALLEYS, ETC.) CAPABLE OF SUPPORTING THE CONTAINER AND THE COLLECTION TRUCK MUST BE CONSTRUCTED AND WILL BE MAINTAINED AND REPAIRED AT THE BUSINESS OWNER'S EXPENSE.
16. THE PAD, SCREENING AND DOORS WILL BE CONSTRUCTED AND MAINTAINED AT THE PROPERTY OWNER'S EXPENSE.

- GENERAL NOTES**
- 1 PROP 7" THK CONC TRAFFIC PAVING, RE: DTL 2, SHT 1C7.01.
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 - 3 PROP 4.5" THK CONC SIDEWALK PAVING AND/OR CONC SLOPE PAVING, RE: DTL 4, SHT 1C7.01.
 - 4 PROP LIGHT POLE FOUNDATION (APPROX 28" HT), RE: DTL 6, SHT 1C7.10.
 - 5 PROP 6" CONC CURB, RE: DTL 5, SHT 1C7.01.
 - 6 PROP ADA ACCESSIBLE CONCRETE WHEEL CHAIR CURB RAMP, RE: DTL 6, SHT 1C7.02.
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 - 9 PROP ADA RESERVED PARKING SIGN (VAN ACCESSIBLE), RE: DTL 7, SHT 1C7.10.
 - 10 PROP DUMPSTER ENCLOSURE, RE: GEN NOTES 11-16 THIS SHT AND ARCHITECTURAL & STRUCTURAL DTL.
 - 11 PROP 8' HT METAL SHADOW BOX PANEL FENCE WITH 24"W x 4"D CONCRETE MOW STRIP, RE: ARCHITECTURAL, SHT 2A1.20.
 - 12 PROP 4-INCH WHITE TRAFFIC PAINT STRIPING. ALL CROSS HATCH AREA STRIPING TO BE SPACED 2-FOOT ON CENTER AT 45° DIAGONAL TO PERIMETER STRIPING AS INDICATED, RE: DTL 4, SHT 1C7.10.
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 - 14 PROP GRASS/ LANDSCAPE AREA, HYDRO-MULCH SEED ALL GRASS AREAS EXCEPT NON-DISTURBED AREAS WITH ESTABLISHED GRASS, RE: LANDSCAPE PLANS FOR TREES, SHRUBS, PLANTS AND IRRIGATION SYSTEMS.
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 - 17 PROP PIPE BOLLARD AND FOUNDATION (AT 4' USUAL SPACING FOR MULTIPLE), RE: DTL 9, SHT 1C7.10.
 - 18 PROP CONCRETE STREET CUT PAVING REPAIR (PUBLIC), RE: BRYAN-COLLEGE STATION STD STREET DETAILS, RE: DTL 1, SHT 1C8.21.
 - 19 PROP 6" CONC CURB (PUBLIC), RE: BRYAN-COLLEGE STATION STD STREET DETAILS, RE: DTL 1, SHT 1C8.20.
 - 20 PROP 4.5" THK CONC SIDEWALK PAVING (PUBLIC), RE: BRYAN-COLLEGE STATION STD SIDEWALK DETAILS, RE: DTL 1, SHT 1C8.10.
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 - 22 PROP TRAFFIC DIRECTION ARROW (CURVED) PAVEMENT MARKING, RE: DTL 8, SHT 1C7.10.
 - 23 PROP PERSONNEL SWING GATE TO MATCH FENCE TYPE WITH 5' CLEAR OPENING, RE: ARCHITECTURAL, SHT 2A1.20.
 - 24 PROP TRANSFORMER FOUNDATION, RE: ELECTRICAL.
 - 25 PROP SEGMENTAL RETAINING WALL (SRW), RE: SHT 1C4.31. & SPEC SECTION 323223.
 - 26 PROP FIRE DEPT KEY (KNOX) BOX SECURELY MOUNTED TO GATE LATCH POST WITH MANUAL OVERRIDE, KNOX KEY SWITCH AND UL 325. GATE CONTRACTORS MUST OBTAIN PERMIT THROUGH BRYAN FMO TO ENSURE COMPLIANCE.
 - 27 PROP CAST-IN-PLACE CONC RETAINING WALL WITH HANDRAIL, RE: SHT 1C4.50.
 - 28 PROP DOOR STOOP AND STEPS (RE: STRUCTURAL) WITH HANDRAIL, RE: SHT 1C7.11.
 - 29 PROP REMOVABLE PIPE BOLLARD AND FOUNDATION, RE: DTL 1, SHT 1C7.10.
 - 30 PROP 100-YR STORM OVERFLOW FLUME, RE: DTL 5, SHT 1C7.02.
 - 31 PROP FIRE HYDRANT, RE: W1-03 DTL 1, SHT 1C8.30.
 - 32 PROP 6" SANITARY CONNECTION WITH 6" DROP TO EXIST SANITARY MANHOLE, RE: SHT 1C4.20 UTILITY PLAN (N). CORE DRILL HOLES AND PROVIDE WATERTIGHT RESILIENT PIPE CONNECTORS IN ACCORDANCE WITH ASTM C923.
 - 33 PROP 24" STORM SEWER CONNECTION TO EXISTING CURB INLET, RE: P&P SHT 1C4.40.
 - 34 PROP 6" WATER MAIN ADJUSTMENT TO CLEAR STORM SEWER, RE: P&P SHT 1C4.40.
 - 35 PROP FIRE LANE STRIPING, RE: BRYAN FIRE DEPARTMENT ACCESS AND FIRE PROTECTION/UTILITY EQUIPMENT IDENTIFICATIONS REQUIREMENTS (OPTION 2).
 - 36 PROP STORM DETENTION EASEMENT (57.5'x264' PRELIMINARY).
 - 37 DROP INLET BASKET/INLET PROTECTION BARRIER, RE: 1C8.00 DTL: SWPP1-00.
 - 38 SILT FABRIC ASSEMBLY, RE: 1C8.00 DTL: SWPP1-03.
 - 39 25' NO DEVELOPMENT BUFFER.

SITE PLAN (NORTH)

1"=30'

KEY NOTES

BRAZOS COUNTY
300 E 26TH STREET
BRYAN, TEXAS 77803
(719) 361-4586
[F]
ARCHITECT

PGAL

3131 BRIARPARK DRIVE
SUITE 200
HOUSTON, TX 77042
(713) 622-1444
(713) 968-9333
www.pgal.com
PGAL TPBELS REG. NO: F-2742
CONSULTANT

REGISTRATION
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WILLIAM H. PACKER
LICENSED PROFESSIONAL ENGINEER
59672
STATE OF TEXAS

10-15-2024
DRAWING HISTORY

NO.	DATE	DESCRIPTION
1	10/27/2023	SCHEMATIC DESIGN
2	06/21/2024	75% CD
3	08/14/2024	100% CONSTRUCTION DOCUMENTS
1	10/15/2024	10% CD
2	10/15/2024	40% CD

PROJECT NAME
BRAZOS COUNTY
MEDICAL EXAMINER
OFFICE

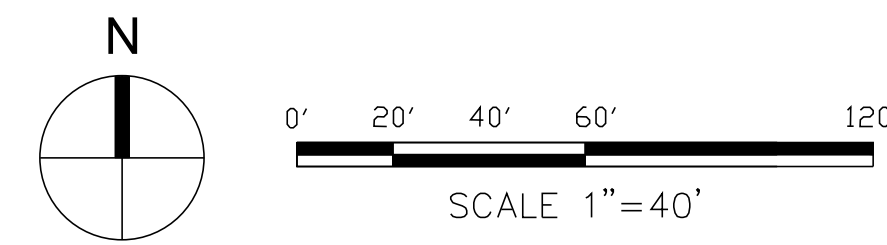
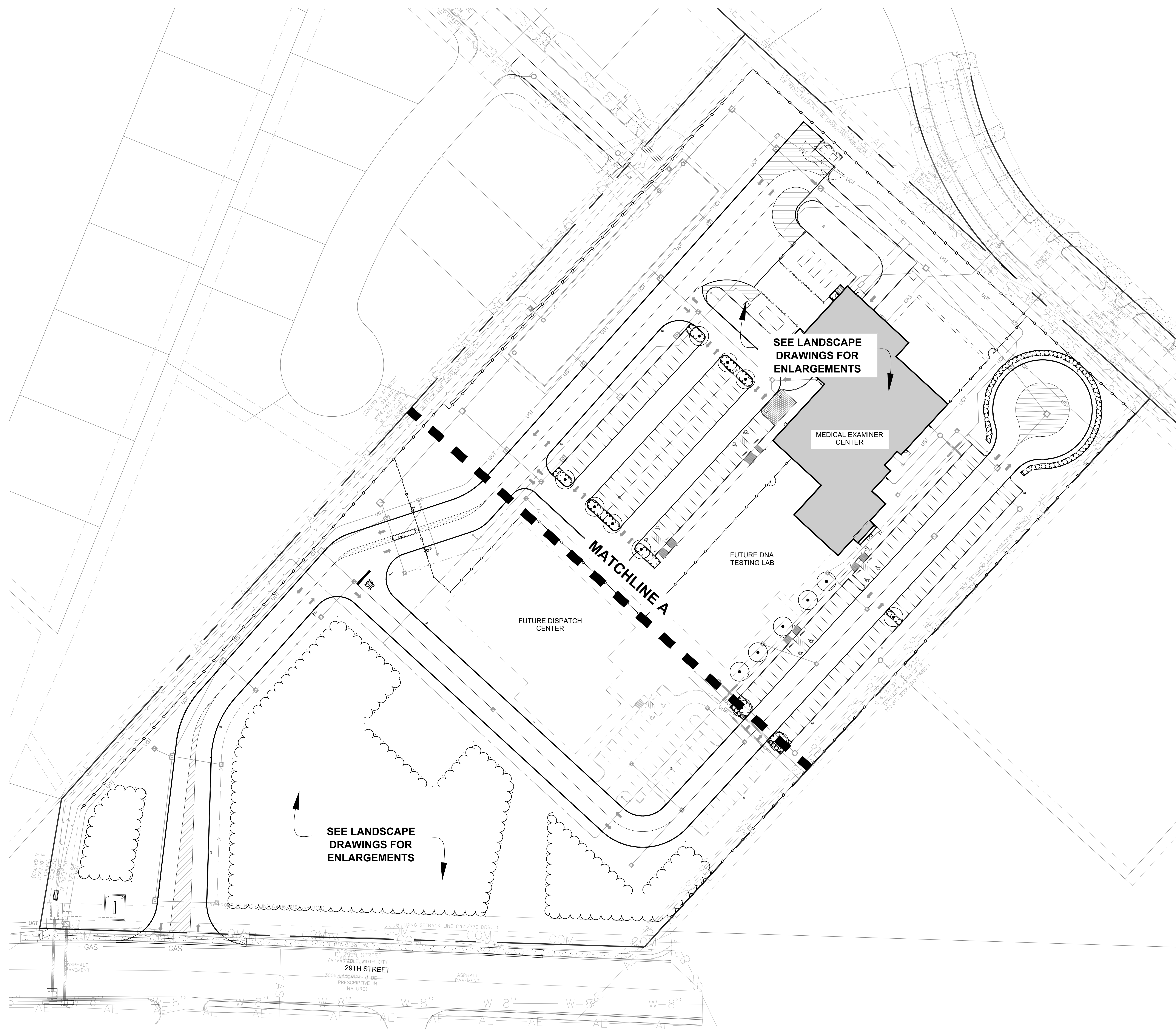
LEGAL DESCRIPTION:
ST JOSEPH PROFESSIONAL
PARK, BLOCK 1, LOT 1,
ACRES 11.1

PROJECT LOCATION
3037 E 29TH STREET
BRYAN, TX 77802

PROJECT NUMBER
1007230.00

SHEET TITLE
SDRC SITE PLAN
(NORTH)

SHEET NUMBER
102.22



CLIENT



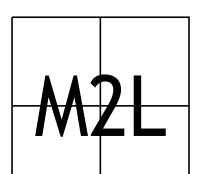
Brazos County
 3037 E 29th Street
 Bryan, TX 77803
 T (979) 775-7400
 F ID: 101976

ARCHITECT



PGAL, Inc.
 3131 Briarpark Dr.
 Suite 200
 Houston, TX 77042
 T 713-622-1444
 F 713-622-1444
 www.pgal.com

CONSULTANT



M2L ASSOCIATES, INC.
 8955 KATY FWY, SUITE 300
 HOUSTON, TX 77024
 T: 713-722-8897 • F: 713-722-8048

REGISTRATION

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DRAWING HISTORY

NO.	DATE	DESCRIPTION
1	8/8/2024	80% CONSTRUCTION DOCUMENTS
2	10/15/2024	AS-BUILT

PROJECT NAME

Brazos County
 Medical Examiner
 Office

PROJECT LOCATION

3037 E. 29TH ST.
 BRYAN, TX 77802

PROJECT NUMBER

1007230.00

SHEET TITLE

OVERALL

SHEET NUMBER

1L1.00



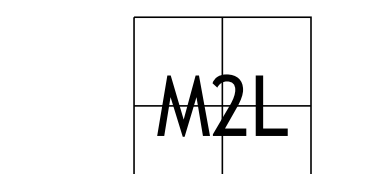
Brazos County
 3037 E 29th Street
 Bryan, TX 77803
 T (979) 775-7400
 F ID: 101976

ARCHITECT



PGAL, Inc.
 3131 Briarpark Dr.
 Suite 200
 Houston, TX 77042
 T 713-622-1444
 F 713-622-1444
 www.pgal.com

CONSULTANT



M2L ASSOCIATES, INC.
 8955 KATY FWY, SUITE 300
 HOUSTON, TX 77024
 T: 713-722-8897 • F: 713-722-8048
 Landscape Architecture • Land Planning • Urban Design

REGISTRATION

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DRAWING HISTORY

REV.	DATE	DESCRIPTION
1	8/15/2024	80% CONSTRUCTION DOCUMENTS
2	10/15/2024	ADD IS

PROJECT NAME

Brazos County Medical Examiner Office

PROJECT LOCATION

3037 E. 29TH ST.
 BRYAN, TX 77802

PROJECT NUMBER

1007230.00

SHEET TITLE

PLANTING PLAN ENLARGEMENT

1 OF 2

SHEET NUMBER

1L1.01

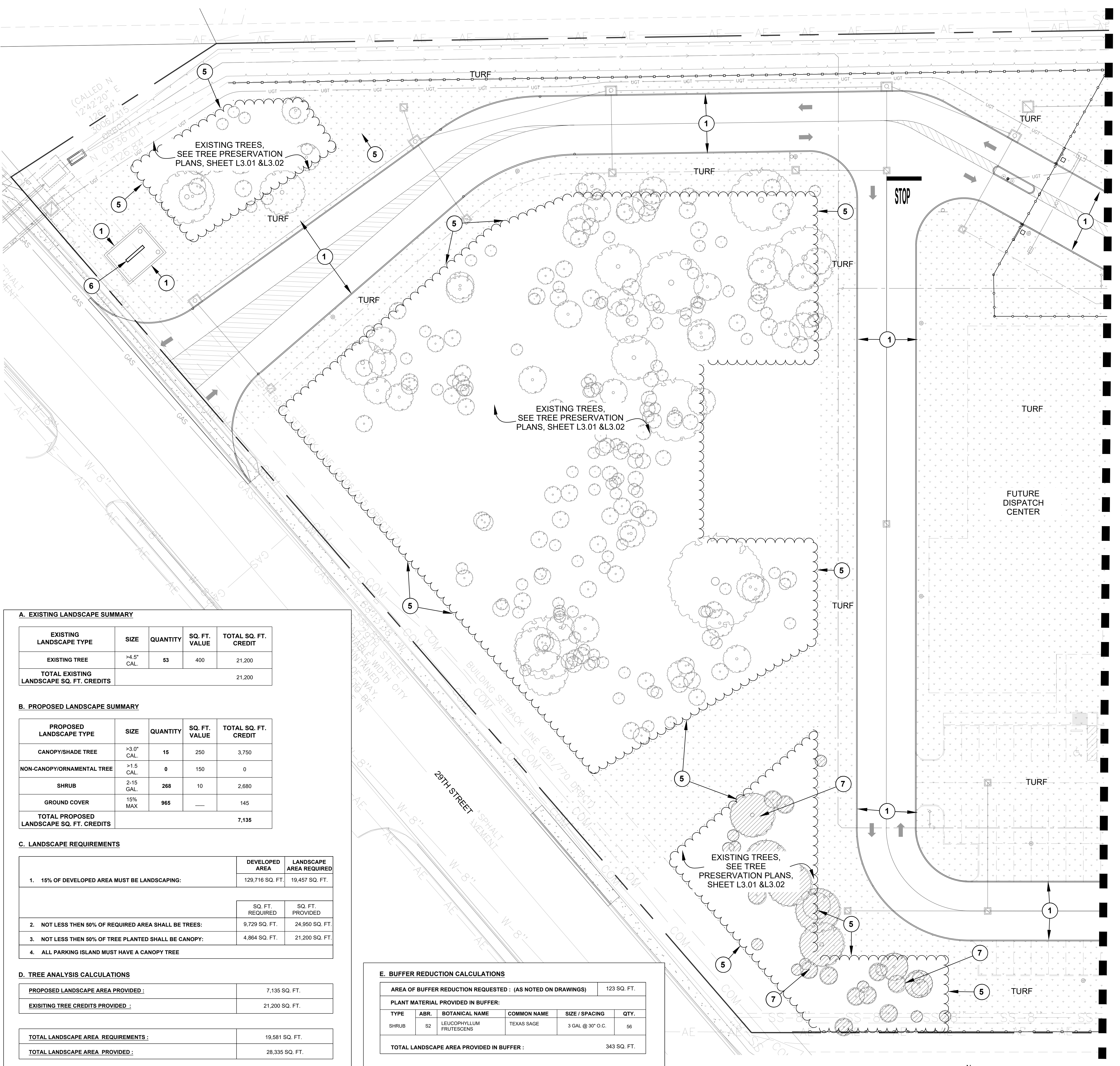
- PLANTING GENERAL NOTES**
- CONTRACTOR TO LAYOUT ALL PLANTING BED LIMITS AND LOCATIONS OF ALL PROPOSED TREES IN THE FIELD FOR APPROVAL OF LANDSCAPE ARCHITECT.
 - TREES SHALL BE PLANTED NO CLOSER THAN 5'-0" (AS MEASURED FROM CENTER OF TRUNK) FROM ANY WALKWAY, FENCE, BUILDING, OR OTHER HARDSCAPE ITEM.
 - CONTRACTOR SHALL FINE GRADE ALL LANDSCAPE AREAS.
 - CONTRACTOR TO PROVIDE MINIMUM 1" OF APPROVED TOPSOIL (OR APPROVED ON-SITE, AMENDED TOP SOIL STRIPPINGS) WORKED INTO EXISTING SOIL FOR ALL AREAS TO RECEIVE HYDROMULCHING AND SOLID SOD.
 - WHERE INDICATED ON THE DRAWINGS AS TURF, THIS SHALL MEAN FULL COVERAGE HYDROMULCHING PER SPECIFICATIONS, WHERE INDICATED ON THE DRAWINGS AS SOD, THIS SHALL MEAN SOLID SOD COVERAGE PER SPECIFICATIONS.
 - CONTRACTOR TO PROVIDE METAL PLANTING BED EDGING FOR ALL AREAS WHERE TURF AREAS ADJOIN PLANTING BEDS.
 - FOR PLANTING LEGEND AND DETAILS SEE **PLANTING DETAIL SHEET 1L2.01**.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TURF TO ALL AREAS DAMAGED FROM CONSTRUCTION RELATED ACTIVITIES BEYOND THOSE INDICATED ON THE PLANTING AND/OR CIVIL ENGINEERING PLANS AT NO ADDITIONAL COST TO THE OWNER.
 - COORDINATE ADJUSTMENT AND TESTING OF EXISTING IRRIGATION SYSTEM.

GENERAL NOTES

- DETAIL NOTES:**
- ONE ROW OF SOLID SOD.
 - 4" HARDWOOD BARK MULCH.
 - SHOVEL EDGE, SEE **DETAIL #7, SHEET #1L2.01**.
 - RIP RAP ROCK, SEE **DETAIL #8, SHEET #1L2.01**.
 - CLEAN UP FIRST 20'-0" OF THE PRESERVATION ZONE OF FALLEN LIMBS, UNDERSTORY, AND DEBRIS.
 - MONUMENT SIGN, SEE **ARCHITECTURAL DRAWINGS**.
 - TREES TO BE PRESERVED, SEE **TREE PRESERVATION DRAWINGS**.
 - BUFFER ENCROACHMENT AREA, SEE **LANDSCAPE ANALYSIS, E, THIS SHEET**.
 - LANDSCAPE WITHIN 25 FT NO DEVELOPMENT BUFFER, SEE **LANDSCAPE ANALYSIS, E, THIS SHEET**.

PLAN NOTES

TYPE	ABR.	BOTANICAL NAME	COMMON NAME	SIZE / SPACING
TREES		EXISTING TREE		SEE TREE INVENTORY LIST
	T1	QUERCUS VIRGINIANA	LIVE OAK	65 GAL., 3" CAL., 12'-14" TALL
SHRUBS & GROUND COVER				
S1	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY		2 GAL @ 24" O.C.
S2	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE		3 GAL @ 30" O.C.
G1	ASPARAGUS SPP.	ASPARAGUS FERN		2 GAL @ 18" O.C.
G2	LIRIOPE MUSCARI	AZTEC GRASS		2 GAL @ 15" O.C.
LAWN / GRASS				
SOD	CYNODON DACTYLON	COMMON BERMUDA GRASS		SOLID SOD
TURF	CYNODON DACTYLON	COMMON BERMUDA GRASS		HYDROMULCH



A. EXISTING LANDSCAPE SUMMARY

EXISTING LANDSCAPE TYPE	SIZE	QUANTITY	SQ. FT. VALUE	TOTAL SQ. FT. CREDIT
EXISTING TREE	>4.5" CAL.	53	400	21,200
TOTAL EXISTING LANDSCAPE SQ. FT. CREDITS				21,200

B. PROPOSED LANDSCAPE SUMMARY

PROPOSED LANDSCAPE TYPE	SIZE	QUANTITY	SQ. FT. VALUE	TOTAL SQ. FT. CREDIT
CANOPY/SHADE TREE	>3.0" CAL.	16	250	3,750
NON-CANOPY/ORNAMENTAL TREE	>1.5" CAL.	0	150	0
SHRUB	2-15 GAL.	268	10	2,680
GROUND COVER	15% MAX	965	—	145
TOTAL PROPOSED LANDSCAPE SQ. FT. CREDITS				7,135

C. LANDSCAPE REQUIREMENTS

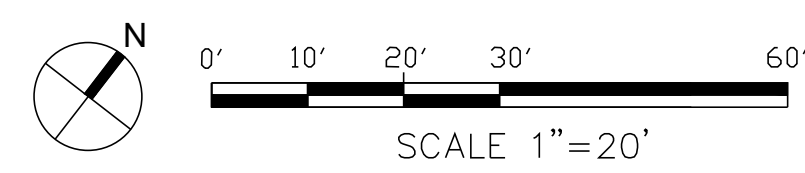
	DEVELOPED AREA	LANDSCAPE AREA REQUIRED
1. 15% OF DEVELOPED AREA MUST BE LANDSCAPING:	129,716 SQ. FT.	19,457 SQ. FT.
	SQ. FT. REQUIRED	SQ. FT. PROVIDED
2. NOT LESS THEN 50% OF REQUIRED AREA SHALL BE TREES:	9,729 SQ. FT.	24,950 SQ. FT.
3. NOT LESS THEN 50% OF TREE PLANTED SHALL BE CANOPY:	4,864 SQ. FT.	21,200 SQ. FT.
4. ALL PARKING ISLAND MUST HAVE A CANOPY TREE		

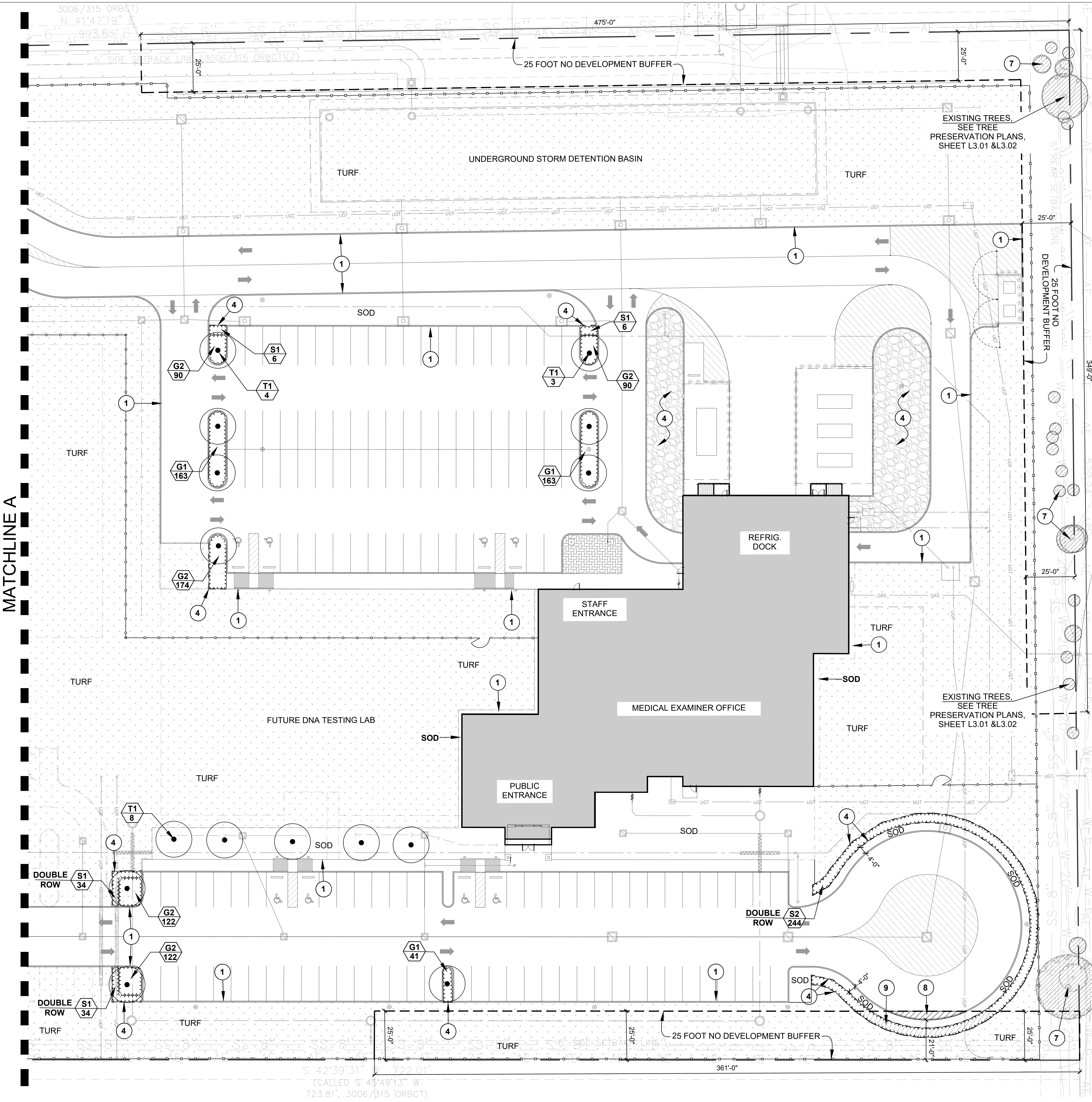
D. TREE ANALYSIS CALCULATIONS

PROPOSED LANDSCAPE AREA PROVIDED:	7,135 SQ. FT.
EXISTING TREE CREDITS PROVIDED:	21,200 SQ. FT.
TOTAL LANDSCAPE AREA REQUIREMENTS:	19,581 SQ. FT.
TOTAL LANDSCAPE AREA PROVIDED:	28,335 SQ. FT.

E. BUFFER REDUCTION CALCULATIONS

AREA OF BUFFER REDUCTION REQUESTED: (AS NOTED ON DRAWINGS)	123 SQ. FT.				
PLANT MATERIAL PROVIDED IN BUFFER:					
TYPE	ABR.	BOTANICAL NAME	COMMON NAME	SIZE / SPACING	QTY.
SHRUB	S2	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	3 GAL @ 30" O.C.	56
TOTAL LANDSCAPE AREA PROVIDED IN BUFFER:					343 SQ. FT.





- GENERAL NOTES**
- CONTRACTOR TO LAYOUT ALL PLANTING BED LIMITS AND LOCATIONS OF ALL PROPOSED TREES IN THE FIELD FOR APPROVAL OF LANDSCAPE ARCHITECT.
 - TREES SHALL BE PLANTED NO CLOSER THAN 5'-0" (AS MEASURED FROM CENTER OF TRUNK) FROM ANY WALKWAY, FENCE, BUILDING, OR OTHER HARDSCAPE ITEM.
 - CONTRACTOR SHALL FINE GRADE ALL LANDSCAPE AREAS.
 - CONTRACTOR TO PROVIDE MINIMUM 1" OF APPROVED TOPSOIL (OR APPROVED ON-SITE, AMENDED TOP SOIL STRIPPINGS) WORKED INTO EXISTING SOIL FOR ALL AREAS TO RECEIVE HYDROMULCHING AND SOLID SOD.
 - WHERE INDICATED ON THE DRAWINGS AS TURF, THIS SHALL MEAN FULL COVERAGE HYDROMULCHING PER SPECIFICATIONS. WHERE INDICATED ON THE DRAWINGS AS SOD, THIS SHALL MEAN SOLID SOD COVERAGE PER SPECIFICATIONS.
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 - FOR PLANTING LEGEND AND DETAILS SEE PLANTING DETAIL SHEET 1L2.01.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TURF TO ALL AREAS DAMAGED FROM CONSTRUCTION RELATED ACTIVITIES BEYOND THOSE INDICATED ON THE PLANTING AND/OR CIVIL ENGINEERING PLANS AT NO ADDITIONAL COST TO THE OWNER.
 - COORDINATE ADJUSTMENT AND TESTING OF EXISTING IRRIGATION SYSTEM.

- DETAIL NOTES:**
- ONE ROW OF BARK MULCH.
 - 4" HARDWOOD BARK MULCH.
 - SHOVEL EDGE, SEE DETAIL #7, SHEET #1L2.01.
 - RIP RAP ROCK, SEE DETAIL #8, SHEET #1L2.01.
 - CLEAN UP FIRST 20'-0" OF THE PRESERVATION ZONE OF FALLEN LIMBS, UNDERSTORY, AND DEBRIS.
 - MONUMENT SIGN, SEE ARCHITECTURAL DRAWINGS.
 - TREES TO BE PRESERVED, SEE TREE PRESERVATION DRAWINGS.
 - BUFFER ENCROACHMENT AREA, SEE LANDSCAPE ANALYSIS, E, THIS SHEET.
 - LANDSCAPE WITHIN 25 FT NO DEVELOPMENT BUFFER, SEE LANDSCAPE ANALYSIS, E, THIS SHEET.

PLAN NOTES

A. EXISTING LANDSCAPE SUMMARY

EXISTING LANDSCAPE TYPE	SIZE	QUANTITY	SQ. FT. VALUE	TOTAL SQ. FT. CREDIT
EXISTING TREE	>4.5" CAL.	53	400	21,200
TOTAL EXISTING LANDSCAPE SQ. FT. CREDITS				21,200

B. PROPOSED LANDSCAPE SUMMARY

PROPOSED LANDSCAPE TYPE	SIZE	QUANTITY	SQ. FT. VALUE	TOTAL SQ. FT. CREDIT
CANOPY/SHADE TREE	>3.0" CAL.	15	250	3,750
NON-CANOPY/ORNAMENTAL TREE	>1.5 CAL.	0	150	0
SHRUB	2-15 GAL.	268	10	2,680
GROUND COVER	15% MAX	965	—	145
TOTAL PROPOSED LANDSCAPE SQ. FT. CREDITS				7,135

C. LANDSCAPE REQUIREMENTS

	DEVELOPED AREA	LANDSCAPE AREA REQUIRED
1. 15% OF DEVELOPED AREA MUST BE LANDSCAPING:	129,716 SQ. FT.	19,457 SQ. FT.
	SQ. FT. REQUIRED	SQ. FT. PROVIDED
2. NOT LESS THEN 50% OF REQUIRED AREA SHALL BE TREES:	9,729 SQ. FT.	24,950 SQ. FT.
3. NOT LESS THEN 50% OF TREE PLANTED SHALL BE CANOPY:	4,864 SQ. FT.	21,200 SQ. FT.
4. ALL PARKING ISLAND MUST HAVE A CANOPY TREE		

D. TREE ANALYSIS CALCULATIONS

PROPOSED LANDSCAPE AREA PROVIDED :	7,135 SQ. FT.
EXISTING TREE CREDITS PROVIDED :	21,200 SQ. FT.

E. BUFFER REDUCTION CALCULATIONS

AREA OF BUFFER REDUCTION REQUESTED : (AS NOTED ON DRAWINGS)	123 SQ. FT.	
PLANT MATERIAL PROVIDED IN BUFFER:		
TYPE	AMOUNT	AREA
SHRUB	S2	3 GAL @ 30" O.C. = 56
TOTAL LANDSCAPE AREA PROVIDED IN BUFFER :	343 SQ. FT.	

LANDSCAPE ANALYSIS

TYPE	ABR.	BOTANICAL NAME	COMMON NAME	SIZE / SPACING
EXISTING TREE				SEE TREE INVENTORY LIST
TREES				
T1		QUERCUS VIRGINIANA	LIVE OAK	85 GAL, 3" CAL., 12'-14" TALL
SHRUBS & GROUND COVER				
S1		ILEX VOMITORIA 'NANA'	DWARF YALPON HOLLY	2 GAL @ 24" O.C.
S2		LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	3 GAL @ 30" O.C.
G1		ASPARAGUS SPP.	ASPARAGUS FERN	2 GAL @ 18" O.C.
G2		LIRIOPE MUSCARI	AZTEC GRASS	2 GAL @ 15" O.C.
LAWN / GRASS				
SOD		CYNODON DACTYLON	COMMON BERMUDA GRASS	SOLID SOD
TURF		CYNODON DACTYLON	COMMON BERMUDA GRASS	HYDROMULCH

PLAN LEGEND (SEE PLANT DETAILS)

CLIENT



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 T: 713-722-8897 • F: 713-722-8048
 Landscape Architecture • Land Planning • Urban Design

REGISTRATION
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DRAWING HISTORY

NO.	DATE	DESCRIPTION
1	8/16/2024	80% CONSTRUCTION DOCUMENTS
2	10/15/2024	ADD IS

PROJECT NAME
 Brazos County
 Medical Examiner
 Office

PROJECT LOCATION
 3037 E. 29TH ST.
 BRYAN, TX 77802

PROJECT NUMBER
 1007230.00

SHEET TITLE
 PLANTING PLAN
 ENLARGEMENT

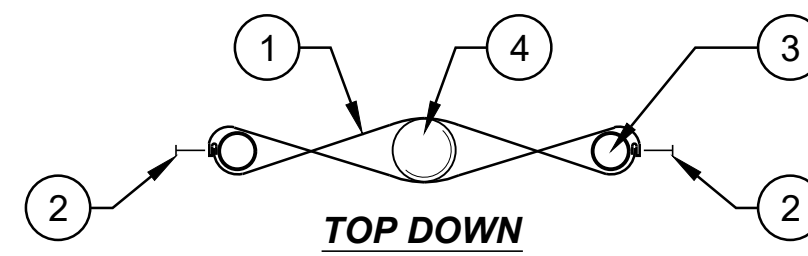
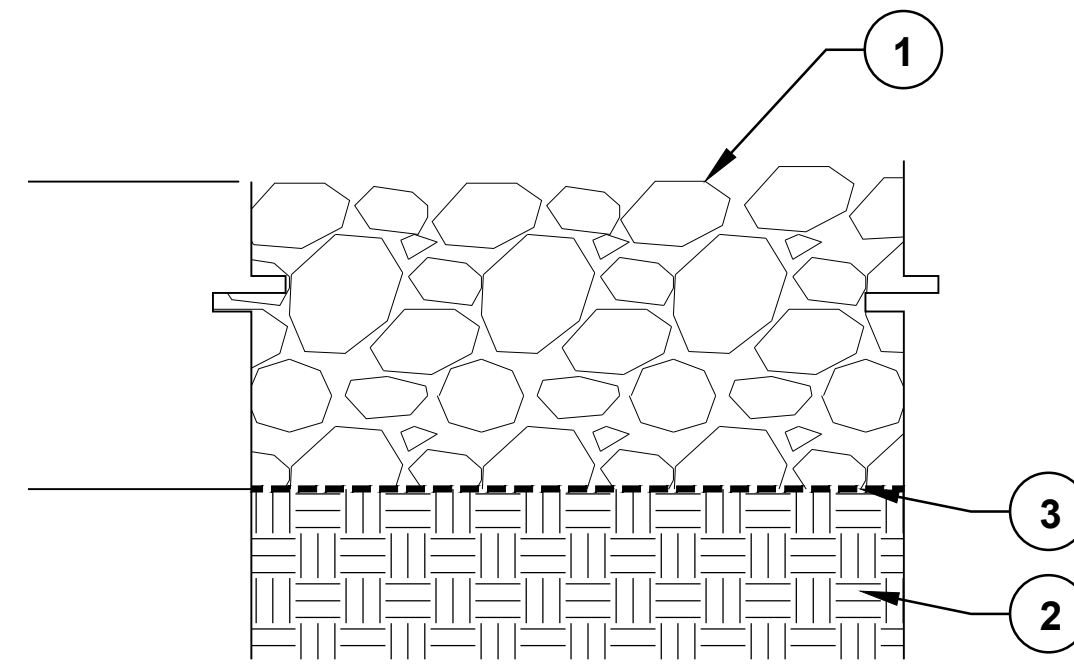
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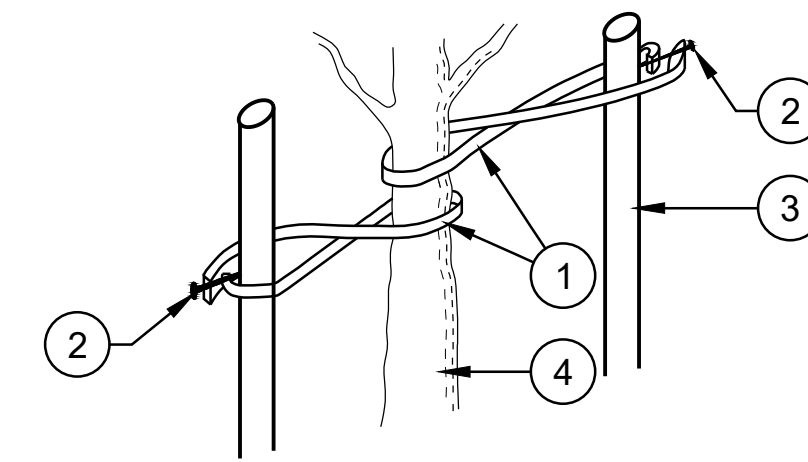
1L1.02

STONE SUPPLIER:
TO BE APPROVED

- DETAIL NOTES:**
- LARGE AGGREGATE (4"-6" DIA. X 12" ANGULAR ROCK, WHITE OR GREY IN COLOR)
 - 95% COMPACTED OR UNDISTURBED SUBGRADE.
 - CONTINUOUS WEED BARRIER MIRAFI 140-N OR APPROVED EQUAL.



TOP DOWN



ELEVATION

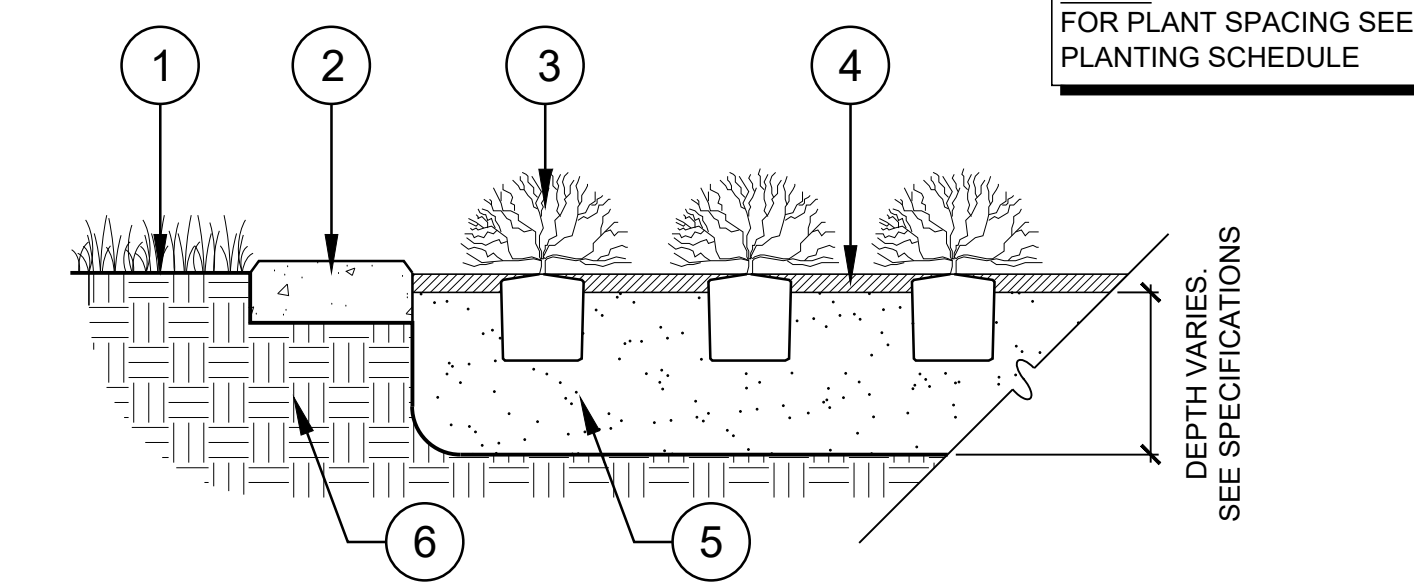
- DETAIL NOTES:**
- SPECIFIED ARBOR TIE GREEN STAKING AND GUYING MATERIAL IS TO BE FLAT WOVEN POLYPROPYLENE MATERIAL. 3/4" WIDE 900LB. BREAK STRENGTH. ARBOR TIE SHALL BE FASTENED TO STAKES IN A MANNER WHICH PERMITS TREE MOVEMENT AND SUPPORTS THE TREE.

DETAIL NOTES:

- 3/4" WIDE GREEN, FLAT WOVEN POLYPROPYLENE ARBOR TIE
- FOLD ENDS OF ARBOR TIE BACK. SECURE TO STAKE WITH 1" GALV. ROOFING NAIL OR USE A KNOT.
- LODGE POLE
- TREE TRUNK

DETAIL NOTES:

- TURF
- 12" CONCRETE PLANTING BAND. SEE DETAIL #8 THIS SHEET
- PLANT MATERIAL
- 4" HARDWOOD BARK MULCH TOP DRESSING
- PLANTING MIX (SEE SPECIFICATIONS)
- UNDISTURBED SUBGRADE



NOTE:
FOR PLANT SPACING SEE
PLANTING SCHEDULE

DEPTH VARIES
SEE SPECIFICATIONS

8 LOOSE AGGREGATE- LARGE ROCK

NOT TO SCALE

5 TREE TIE

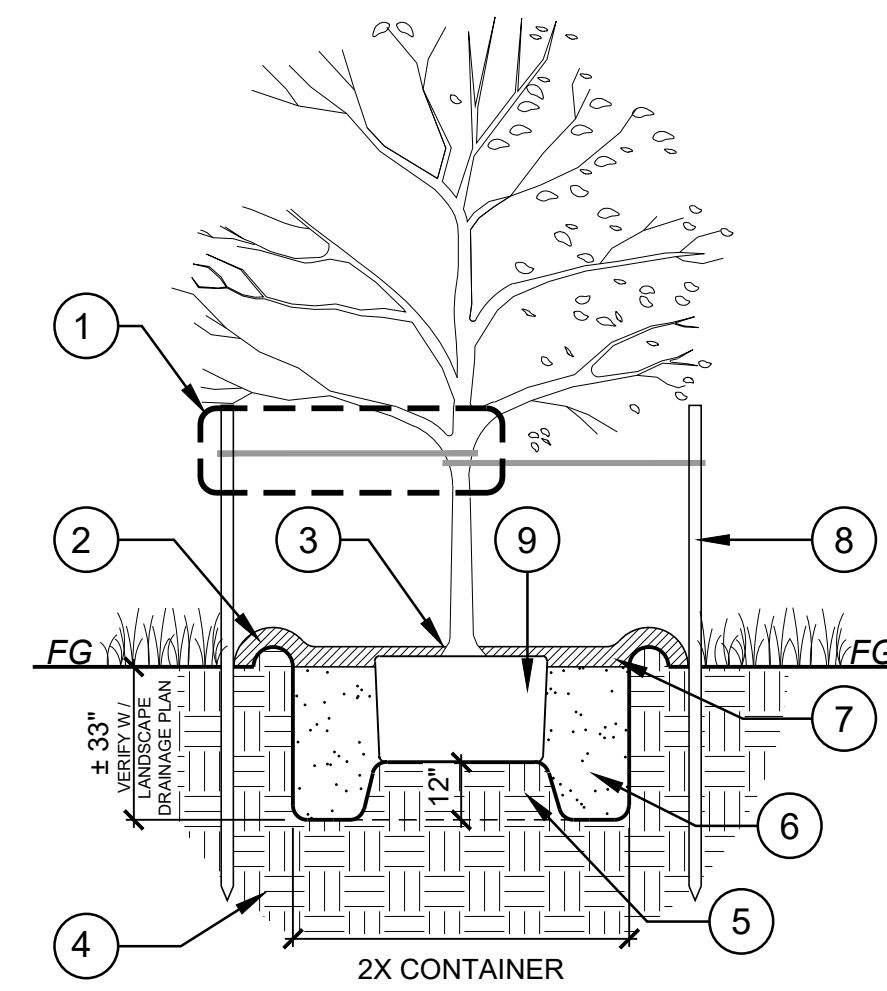
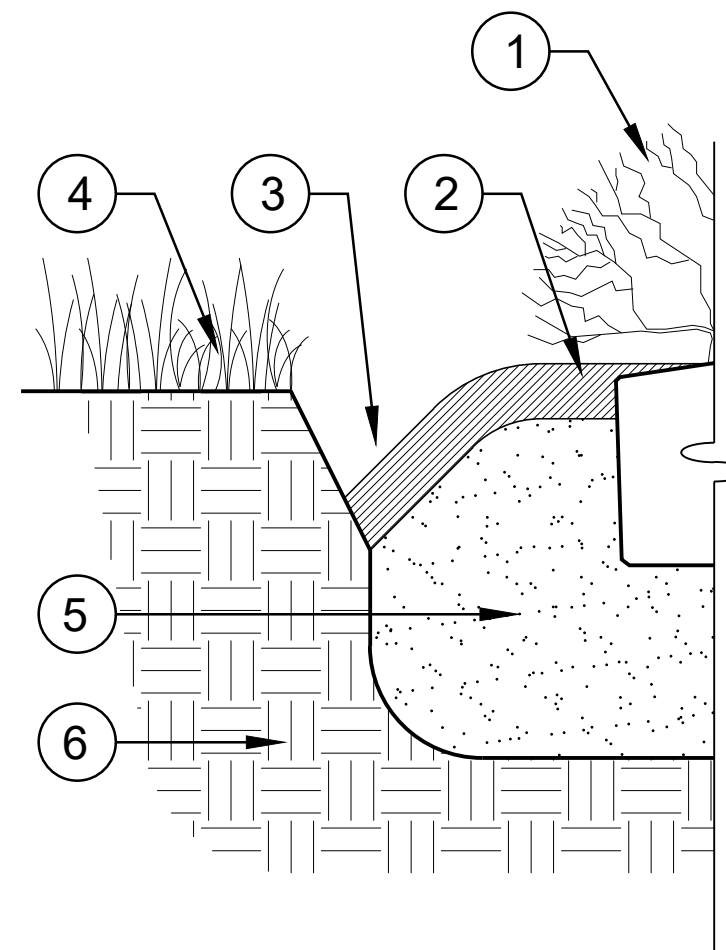
NOT TO SCALE

2 SHRUB & GROUNDCOVER PLANTING

NOT TO SCALE

DETAIL NOTES:

- PLANT MATERIAL
- HARDWOOD BARK MULCH
- SHOVEL CUT BED EDGE AT 45°-90° ANGLE, 6" DEEP
- FINISH GRADE AT TURF
- PLANTING BED MEDIA
- UNDISTURBED SUBGRADE



DETAIL NOTES:

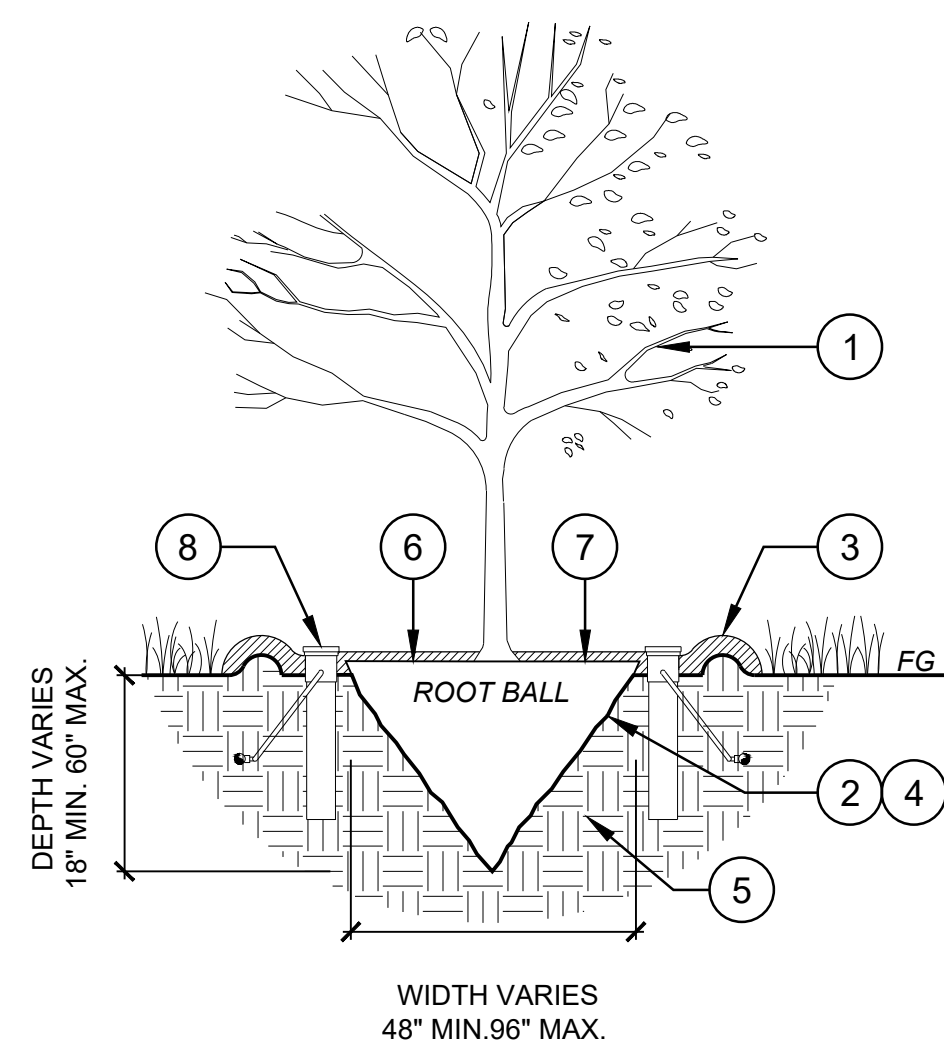
- TREE TIE DETAIL. SEE DETAIL #5 ATTACHED.
- FORM RESERVOIR OF MULCH AND NATIVE SOIL (3" MIN./6" MAX. HEIGHT)
- SET TOP OF ROOT FLARE ±3" ABOVE FINISHED GRADE
- UNDISTURBED SUB-GRADE (TYPICAL)
- PROVIDE 1'-0" TALL X 3'-0" DIA. COMPACTED SOIL LEDGE FOR ROOT BALL (SCARIFY BOTTOM AND SIDES OF TREE PIT)
- PLANTING MIXTURE. SEE SPECIFICATIONS.
- 4" (MIN.) MULCH TOP DRESSING
- 2'ØX8' LONG LODGE POLE PLACED A MINIMUM OF 12" FROM EXCAVATED HOLE. (2 PER TREE FOR 45 GAL. AND UNDER AND 3 PER TREE FOR 65 GAL. AND OVER)
- ROOTBALL, SCARIFY AND LOOSEN ROOTS. SET TOP OF BALL/CONTAINER ± 2" ABOVE FINISHED GRADE.

7 SHOVEL EDGE AT PLANT MATERIAL

NOT TO SCALE

4 TREE LODGE POLE

NOT TO SCALE

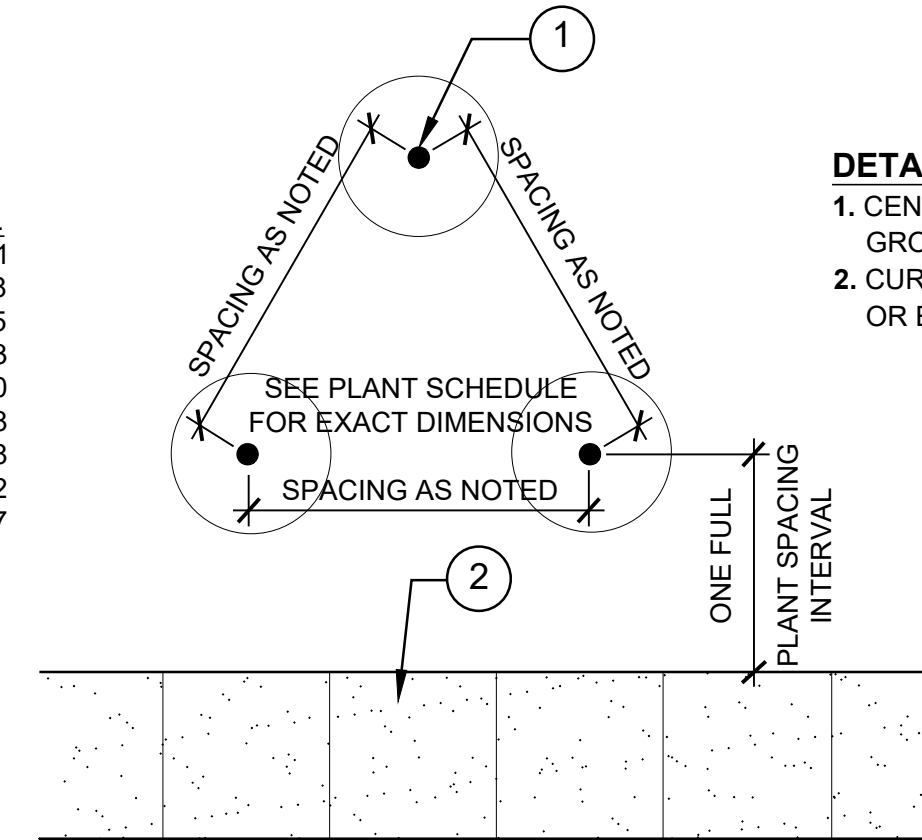


DETAIL NOTES:

- PRUNE 30% OF ALL BRANCHING UNDER 1/2" CALIPER & REMOVE ALL DEAD & CROSS BRANCHING
- ADD SAND AS NEEDED DURING MAINTENANCE PERIOD
- FORM RESERVOIR OF CLAY LOAM SOIL (3" MIN./6" MAX.) HEIGHT
- WASH SAND INTO ALL VOIDS BETWEEN ROOT BALL AND EXISTING SOIL
- UNDISTURBED SOIL
- 3" MULCH TOP DRESSING
- SET ROOT BALL ±3" ABOVE FINISHED GRADE
- TREE BUBBLER SET ABOVE MULCH. SEE IRRIGATION DETAILS.

SPACING PLANTS/S.F.

6"	4.61
9"	1.78
12"	1.15
15"	0.73
18"	0.50
24"	0.28
30"	0.18
36"	0.12
48"	0.07



DETAIL NOTES:

- CENTER OF SHRUB OR GROUND COVER
- CURB, WALL, PAVEMENT OR EDGE OF PLANTING BED

TYPE	ABR.	BOTANICAL NAME	COMMON NAME	SIZE / SPACING
		EXISTING TREE		SEE TREE INVENTORY LIST
TREES				
	T1	QUERCUS VIRGINIANA	LIVE OAK	65 GAL., 3" CAL., 12"-14" TALL
SHRUBS & GROUND COVER				
	S1	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	2 GAL @ 24" O.C.
	S2	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	3 GAL @ 30" O.C.
	G1	ASPARAGUS SPP.	ASPARAGUS FERN	2 GAL @ 18" O.C.
	G2	LIRIOPE MUSCARI	AZTEC GRASS	2 GAL @ 15" O.C.
LAWN / GRASS				
	SOD	CYNODON DACTYLON	COMMON BERMUDA GRASS	SOLID SOD
	TURF	CYNODON DACTYLON	COMMON BERMUDA GRASS	HYDROMULCH

6 MACHINE TRANSPLANTED TREE

NOT TO SCALE

3 SHRUB & GROUNDCOVER SPACING

NOT TO SCALE

1 PLANTING LIST

NOT TO SCALE



Brazos County

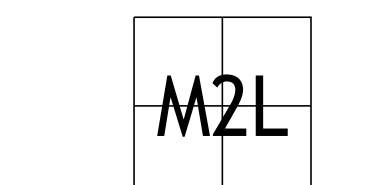
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Landscape Architecture • Land Planning • Urban Design

REGISTRATION

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DRAWING HISTORY

REV	DATE	DESCRIPTION
1	8/16/2024	90% CONSTRUCTION DOCUMENTS
2	10/15/2024	ADD #S

PROJECT NAME
Brazos County
Medical Examiner
Office

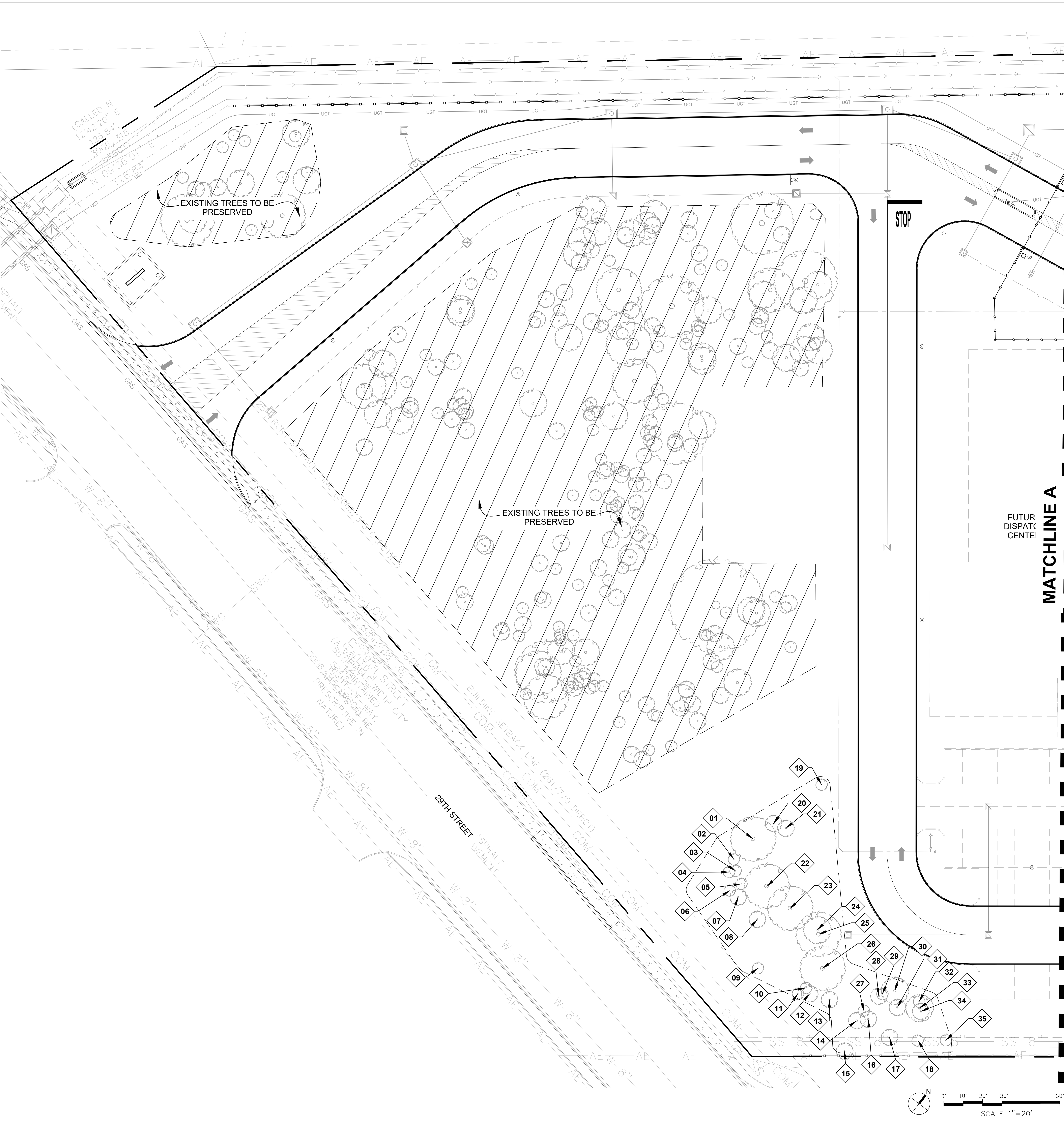
PROJECT LOCATION
3037 E. 29TH ST.
BRYAN, TX 77802

PROJECT NUMBER
1007230.00

SHEET TITLE
PLANTING
DETAILS
1 OF 1

SHEET NUMBER

1L2.01



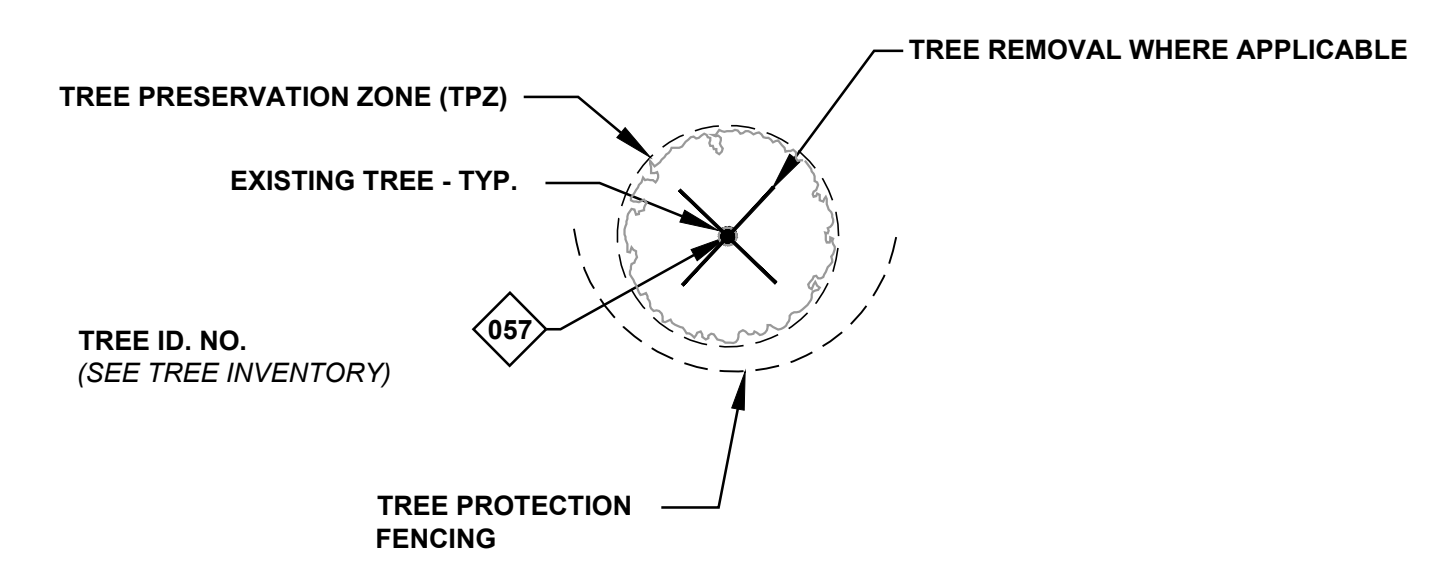
- A. CONTRACTOR SHALL SEEK PRIOR APPROVAL FROM THE ARBORIST, CITY URBAN FORESTOR, AND CITY'S REPRESENTATIVE PRIOR TO INITIATION OF TREE REMOVAL AND/OR TREE PROTECTION ACTIVITIES WITHIN THE PROJECT SCOPE OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF BRYAN.
- B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT NO DAMAGE TO EXISTING TREES TO BE PROTECTED AND/OR THOSE THAT HAVE THEIR TRUNKS OUTSIDE OF THE PROJECT LIMITS BUT HAVE SIGNIFICANT BRANCH OVERHANG INTO THE PROJECT LIMITS.
- C. THE CONTRACTOR SHALL NOT, AT ANY TIME, PARK CONSTRUCTION VEHICLES, MATERIALS, OR EQUIPMENT INSIDE OF THE TREE PROTECTION ZONE (TPZ) OF TREES TO BE PROTECTED.
- D. SEE TREE PRESERVATION DETAILS AND SPECIFICATIONS FOR DISPOSITION AND CONDITIONAL TREATMENT OF TREES NOTED ON THE DRAWINGS.
- E. ALL NOTED TREES ON DRAWINGS MAY REQUIRE ADDITIONAL CONDITIONAL TREATMENT OTHER THAN NOTED ON THE PLANS. SEE TREE INVENTORY AND TREE PRESERVATION DETAILS, SHEET 11L4.01
- F. SHALL ENGAGE A CERTIFIED ARBORIST TO OVERSEE ALL THE PRESERVATION METHODS AND PROCEDURES.
- G. CONTRACTOR TO PROVIDE WATER, TREATMENT FOR BORERS AND OTHER INSECTICIDE TREATMENTS FOR TREES TO BE PRESERVED AS NEEDED PER ARBORISTS RECOMMENDATION AND TREE PRESERVATION SPECIFICATIONS.
- H. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND ALL EXISTING TREES REGARDLESS OF SPECIFIC MEASURES THAT ARE NOTED ON THESE PLANS AND DETAILS AT ALL TIMES AND TO THE EXTENT REQUIRED BY THE CONTRACT DOCUMENTS.
- I. TREE MOVING COMPANY TO COORDINATE WITH GENERAL CONTRACTOR ON SITE PREPARATION PRIOR TO MOVING PROPOSED TREES
- J. CONTRACTOR TO INSTALL ALL TREE PRESERVATION METHODS AND TECHNIQUES PROPOSED PRIOR TO INITIATING SITE DEMOLITION

GENERAL NOTES

ID #	SPECIES	DIA.	CONDITION	STATUS	TREATMENT	MITIGATION
001	Cedar	16	Fair	Preserve	D	Preservation Treatment
002	Post Oak	6	Fair	Preserve	D	Preservation Treatment
003	Post Oak	5	Fair	Preserve	D	Preservation Treatment
004	Post Oak	5	Fair	Preserve	D	Preservation Treatment
005	Post Oak	6	Fair	Preserve	D	Preservation Treatment
006	Cedar	6	Fair	Preserve	D	Preservation Treatment
007	Post Oak	9	Fair	Preserve	D	Preservation Treatment
008	Post Oak	7	Fair	Preserve	D	Preservation Treatment
009	Cedar	5	Fair	Preserve	D	Preservation Treatment
010	Post Oak	5	Fair	Preserve	D	Preservation Treatment
011	Cedar	6	Fair	Preserve	D	Preservation Treatment
012	Post Oak	8	Fair	Preserve	D	Preservation Treatment
013	Post Oak	8	Fair	Preserve	D	Preservation Treatment
014	Post Oak	9	Fair	Preserve	D	Preservation Treatment
015	Mesquite	8	Fair	Preserve	D	Preservation Treatment
016	Cedar	7	Fair	Preserve	D	Preservation Treatment
017	Mesquite	7	Fair	Preserve	D	Preservation Treatment
018	Cedar	5	Fair	Preserve	D	Preservation Treatment
019	Post Oak	5	Fair	Preserve	D	Preservation Treatment
020	Cedar	9	Fair	Preserve	D	Preservation Treatment
021	Post Oak	7	Fair	Preserve	D	Preservation Treatment
022	Cedar	14	Fair	Preserve	D	Preservation Treatment
023	Cedar	14	Fair	Preserve	D	Preservation Treatment
024	Post Oak	13	Fair	Preserve	D	Preservation Treatment
025	Cedar	15	Fair	Preserve	D	Preservation Treatment
026	Post Oak	18	Fair	Preserve	D	Preservation Treatment
027	Cedar	6	Fair	Preserve	D	Preservation Treatment
028	Post Oak	8	Fair	Preserve	D	Preservation Treatment
029	Post Oak	6	Fair	Preserve	D	Preservation Treatment
030	Post Oak	11	Fair	Preserve	D	Preservation Treatment
031	Post Oak	7	Fair	Preserve	D	Preservation Treatment
032	Post Oak	6	Fair	Preserve	D	Preservation Treatment
033	Post Oak	11	Fair	Preserve	D	Preservation Treatment
034	Cedar	9	Fair	Preserve	D	Preservation Treatment
035	Cedar	5	Fair	Preserve	D	Preservation Treatment
036	Hackberry	5	Fair	Preserve	D	Preservation Treatment
037	Hackberry	9	Fair	Preserve	D	Preservation Treatment
038	Cedar	6	Fair	Preserve	D	Preservation Treatment
039	Post Oak	6	Fair	Preserve	D	Preservation Treatment
040	Cedar	8	Fair	Preserve	D	Preservation Treatment
041	Hackberry	18	Fair	Preserve	D	Preservation Treatment
042	Post Oak	4	Fair	Preserve	D	Preservation Treatment
043	Post Oak	4	Fair	Preserve	D	Preservation Treatment
044	Cedar	4	Fair	Preserve	D	Preservation Treatment
045	Cedar	4	Fair	Preserve	D	Preservation Treatment
046	Cedar	12	Fair	Preserve	D	Preservation Treatment
047	Cedar	4	Fair	Preserve	D	Preservation Treatment
048	Ash	5	Fair	Preserve	D	Preservation Treatment
049	Ash	4	Fair	Preserve	D	Preservation Treatment
050	Cedar	4	Fair	Preserve	D	Preservation Treatment
051	Post Oak	11	Fair	Preserve	D	Preservation Treatment
052	Post Oak	10	Fair	Preserve	D	Preservation Treatment
053	Post Oak	6	Fair	Preserve	D	Preservation Treatment
054	Post Oak	9	Fair	Preserve	D	Preservation Treatment
055	Ash	5	Fair	Preserve	D	Preservation Treatment
056	Post Oak	5	Fair	Preserve	D	Preservation Treatment
057	Post Oak	6	Fair	Preserve	D	Preservation Treatment
058	Hackberry	8	Fair	Preserve	D	Preservation Treatment
059	Ash	13	Fair	Preserve	D	Preservation Treatment
060	Post Oak	20	Fair	Preserve	D	Preservation Treatment


D. TREE PROTECTION FENCING: SEE DETAIL 3, SHEET 11L4.01

TREE INVENTORY LIST




PLAN LEGEND (SEE TREE PRESERVATION DETAILS)

CLIENT



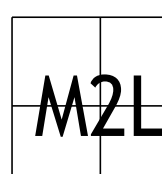
Brazos County
 3037 E 29th Street
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DRAWING HISTORY

NO.	DATE	DESCRIPTION
1	8/20/24	90% CONSTRUCTION DOCUMENTS
2	10/15/2024	ADD IS

PROJECT NAME
 Brazos County
 Medical Examiner
 Office

PROJECT LOCATION
 3037 E. 29TH ST.
 BRYAN, TX 77802

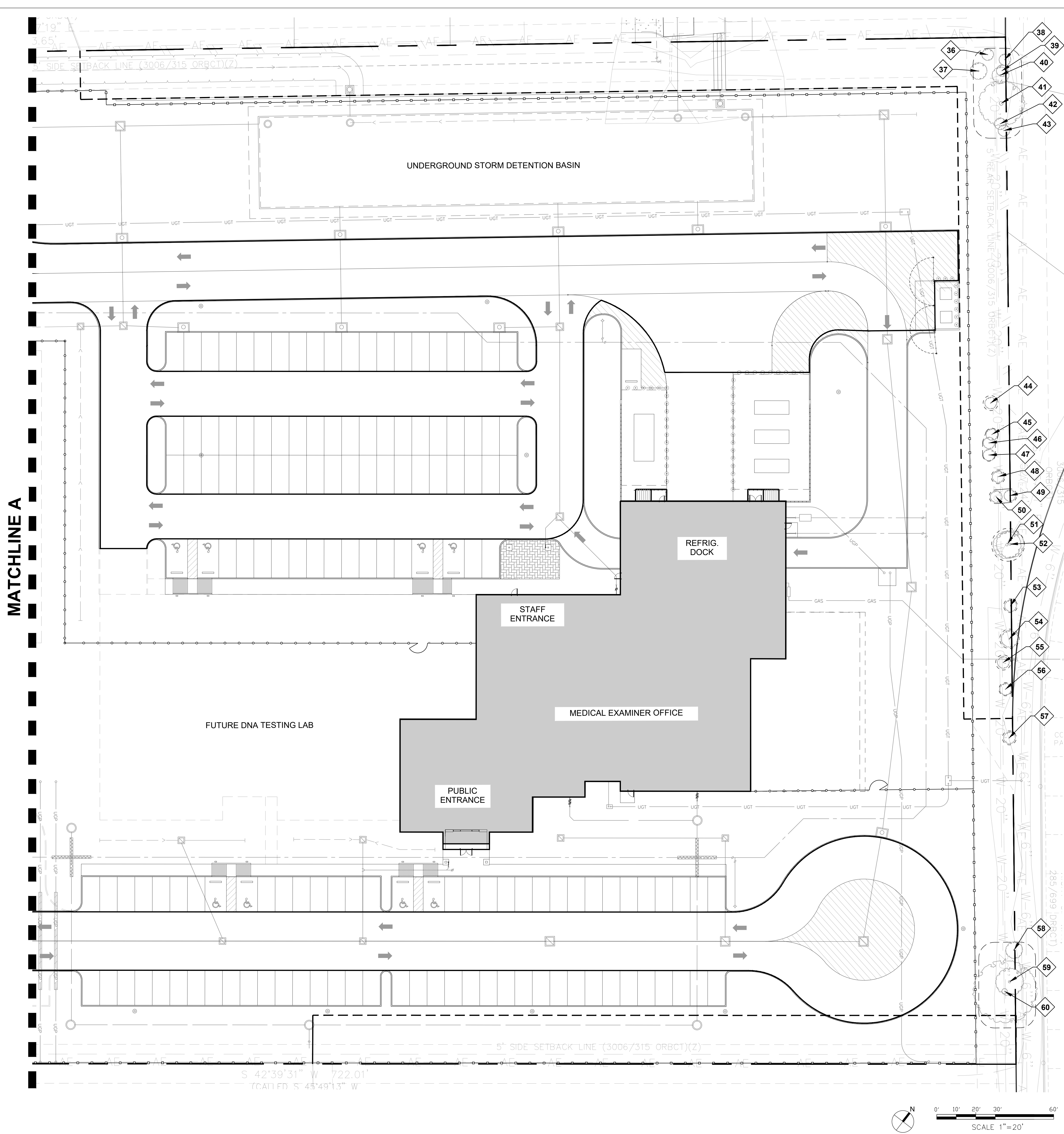
PROJECT NUMBER
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SHEET TITLE
 TREE PRESERVATION
 PLAN ENLARGEMENT

1 OF 2

SHEET NUMBER

11L3.01



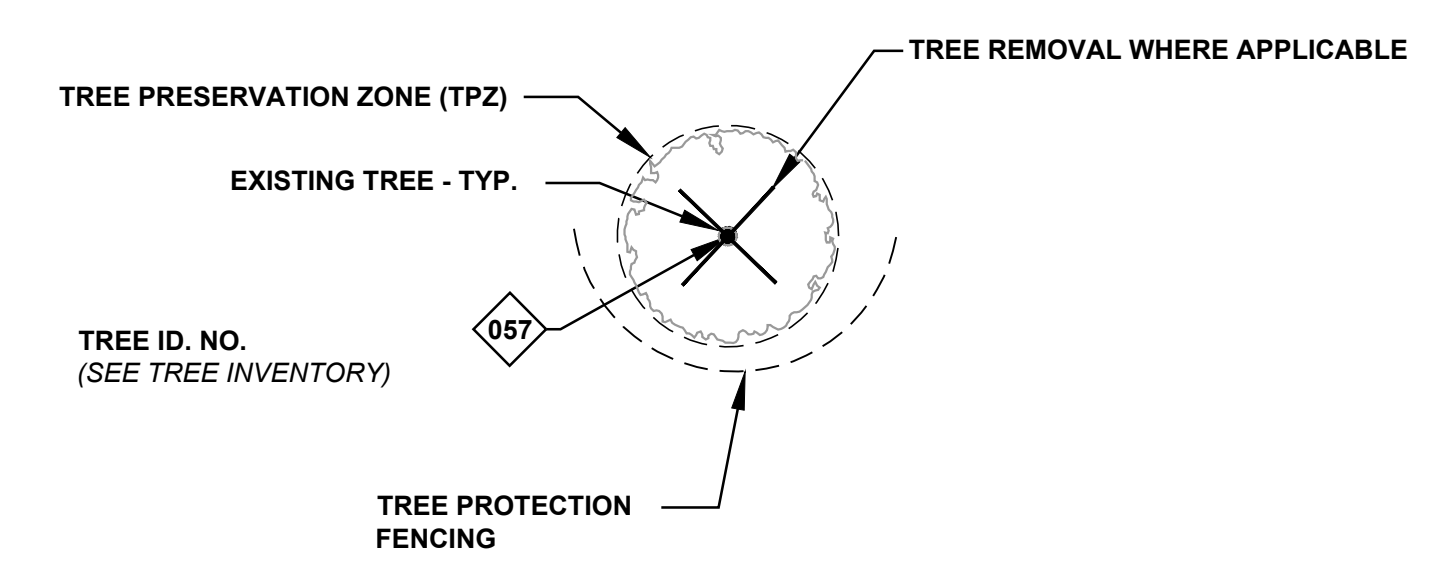
- A. CONTRACTOR SHALL SEEK PRIOR APPROVAL FROM THE ARBORIST, CITY URBAN FORESTOR, AND CITY'S REPRESENTATIVE PRIOR TO INITIATION OF TREE REMOVAL AND/OR TREE PROTECTION ACTIVITIES WITHIN THE PROJECT SCOPE OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF BRYAN.
- B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT NO DAMAGE TO EXISTING TREES TO BE PROTECTED AND/OR THOSE THAT HAVE THEIR TRUNKS OUTSIDE OF THE PROJECT LIMITS BUT HAVE SIGNIFICANT BRANCH OVERHANG INTO THE PROJECT LIMITS.
- C. THE CONTRACTOR SHALL NOT, AT ANY TIME, PARK CONSTRUCTION VEHICLES, MATERIALS, OR EQUIPMENT INSIDE OF THE TREE PROTECTION ZONE (TPZ) OF TREES TO BE PROTECTED.
- D. SEE TREE PRESERVATION DETAILS AND SPECIFICATIONS FOR DISPOSITION AND CONDITIONAL TREATMENT OF TREES NOTED ON THE DRAWINGS.
- E. ALL NOTED TREES ON DRAWINGS MAY REQUIRE ADDITIONAL CONDITIONAL TREATMENT OTHER THAN NOTED ON THE PLANS. SEE TREE INVENTORY AND TREE PRESERVATION DETAILS, SHEET 11L4.01
- F. SHALL ENGAGE A CERTIFIED ARBORIST TO OVERSEE ALL THE PRESERVATION METHODS AND PROCEDURES.
- G. CONTRACTOR TO PROVIDE WATER, TREATMENT FOR BORERS AND OTHER INSECTICIDE TREATMENTS FOR TREES TO BE PRESERVED AS NEEDED PER ARBORISTS RECOMMENDATION AND TREE PRESERVATION SPECIFICATIONS.
- H. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND ALL EXISTING TREES REGARDLESS OF SPECIFIC MEASURES THAT ARE NOTED ON THESE PLANS AND DETAILS AT ALL TIMES AND TO THE EXTENT REQUIRED BY THE CONTRACT DOCUMENTS.
- I. TREE MOVING COMPANY TO COORDINATE WITH GENERAL CONTRACTOR ON SITE PREPARATION PRIOR TO MOVING PROPOSED TREES
- J. CONTRACTOR TO INSTALL ALL TREE PRESERVATION METHODS AND TECHNIQUES PROPOSED PRIOR TO INITIATING SITE DEMOLITION

GENERAL NOTES

ID #	SPECIES	DIA.	CONDITION	STATUS	TREATMENT	MITIGATION	ID #	SPECIES	DIA.	CONDITION	STATUS	TREATMENT	MITIGATION
001	Cedar	16	Fair	Preserve	D	Preservation Treatment	031	Post Oak	7	Fair	Preserve	D	Preservation Treatment
002	Post Oak	6	Fair	Preserve	D	Preservation Treatment	032	Post Oak	6	Fair	Preserve	D	Preservation Treatment
003	Post Oak	5	Fair	Preserve	D	Preservation Treatment	033	Post Oak	11	Fair	Preserve	D	Preservation Treatment
004	Post Oak	5	Fair	Preserve	D	Preservation Treatment	034	Cedar	9	Fair	Preserve	D	Preservation Treatment
005	Post Oak	6	Fair	Preserve	D	Preservation Treatment	035	Cedar	5	Fair	Preserve	D	Preservation Treatment
006	Cedar	6	Fair	Preserve	D	Preservation Treatment	036	Hackberry	5	Fair	Preserve	D	Preservation Treatment
007	Post Oak	9	Fair	Preserve	D	Preservation Treatment	037	Hackberry	9	Fair	Preserve	D	Preservation Treatment
008	Post Oak	7	Fair	Preserve	D	Preservation Treatment	038	Cedar	6	Fair	Preserve	D	Preservation Treatment
009	Cedar	5	Fair	Preserve	D	Preservation Treatment	039	Post Oak	6	Fair	Preserve	D	Preservation Treatment
010	Post Oak	5	Fair	Preserve	D	Preservation Treatment	040	Cedar	8	Fair	Preserve	D	Preservation Treatment
011	Cedar	6	Fair	Preserve	D	Preservation Treatment	041	Hackberry	18	Fair	Preserve	D	Preservation Treatment
012	Post Oak	8	Fair	Preserve	D	Preservation Treatment	042	Post Oak	4	Fair	Preserve	D	Preservation Treatment
013	Post Oak	8	Fair	Preserve	D	Preservation Treatment	043	Post Oak	4	Fair	Preserve	D	Preservation Treatment
014	Post Oak	9	Fair	Preserve	D	Preservation Treatment	044	Cedar	4	Fair	Preserve	D	Preservation Treatment
015	Mesquite	8	Fair	Preserve	D	Preservation Treatment	045	Cedar	4	Fair	Preserve	D	Preservation Treatment
016	Cedar	7	Fair	Preserve	D	Preservation Treatment	046	Cedar	12	Fair	Preserve	D	Preservation Treatment
017	Mesquite	7	Fair	Preserve	D	Preservation Treatment	047	Cedar	4	Fair	Preserve	D	Preservation Treatment
018	Cedar	5	Fair	Preserve	D	Preservation Treatment	048	Ash	5	Fair	Preserve	D	Preservation Treatment
019	Post Oak	5	Fair	Preserve	D	Preservation Treatment	049	Ash	4	Fair	Preserve	D	Preservation Treatment
020	Cedar	9	Fair	Preserve	D	Preservation Treatment	050	Cedar	4	Fair	Preserve	D	Preservation Treatment
021	Post Oak	7	Fair	Preserve	D	Preservation Treatment	051	Post Oak	11	Fair	Preserve	D	Preservation Treatment
022	Cedar	14	Fair	Preserve	D	Preservation Treatment	052	Post Oak	10	Fair	Preserve	D	Preservation Treatment
023	Cedar	14	Fair	Preserve	D	Preservation Treatment	053	Post Oak	6	Fair	Preserve	D	Preservation Treatment
024	Post Oak	13	Fair	Preserve	D	Preservation Treatment	054	Post Oak	9	Fair	Preserve	D	Preservation Treatment
025	Cedar	15	Fair	Preserve	D	Preservation Treatment	055	Ash	5	Fair	Preserve	D	Preservation Treatment
026	Post Oak	18	Fair	Preserve	D	Preservation Treatment	056	Post Oak	5	Fair	Preserve	D	Preservation Treatment
027	Cedar	6	Fair	Preserve	D	Preservation Treatment	057	Post Oak	6	Fair	Preserve	D	Preservation Treatment
028	Post Oak	8	Fair	Preserve	D	Preservation Treatment	058	Hackberry	8	Fair	Preserve	D	Preservation Treatment
029	Post Oak	6	Fair	Preserve	D	Preservation Treatment	059	Ash	13	Fair	Preserve	D	Preservation Treatment
030	Post Oak	11	Fair	Preserve	D	Preservation Treatment	060	Post Oak	20	Fair	Preserve	D	Preservation Treatment

D. TREE PROTECTION FENCING: SEE DETAIL 3, SHEET 11L4.01

TREE INVENTORY LIST



PLAN LEGEND (SEE TREE PRESERVATION DETAILS)

CLIENT



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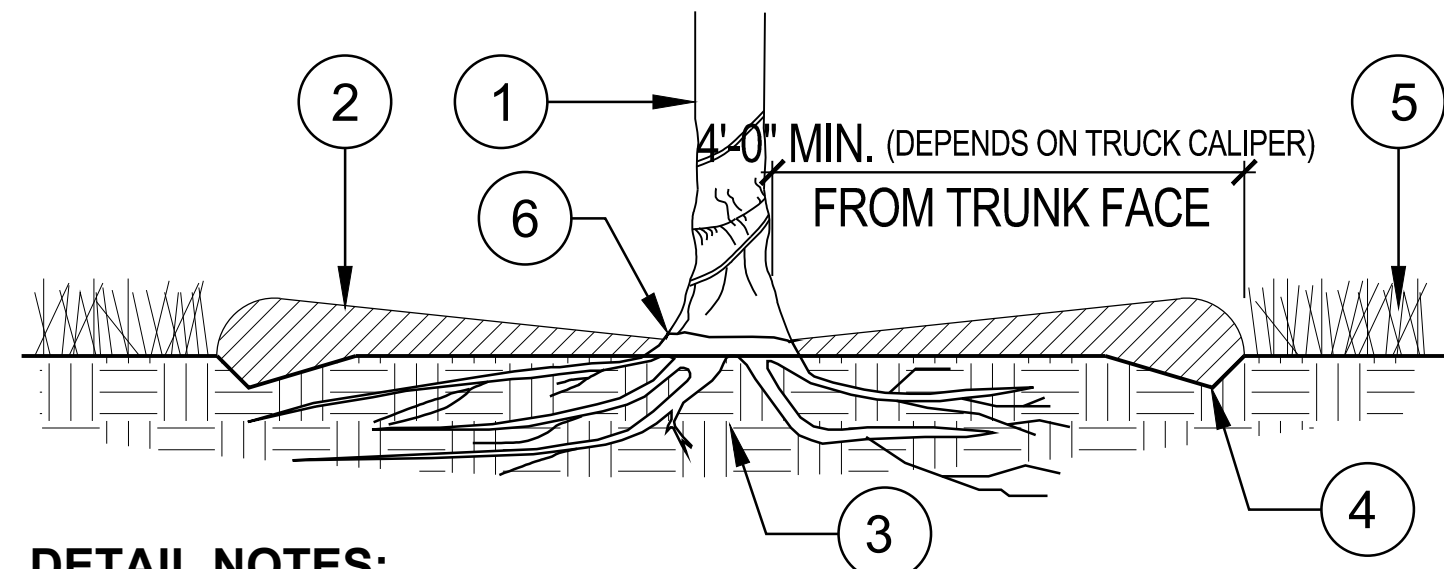
PROJECT LOCATION
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 BRYAN, TX 77802

PROJECT NUMBER
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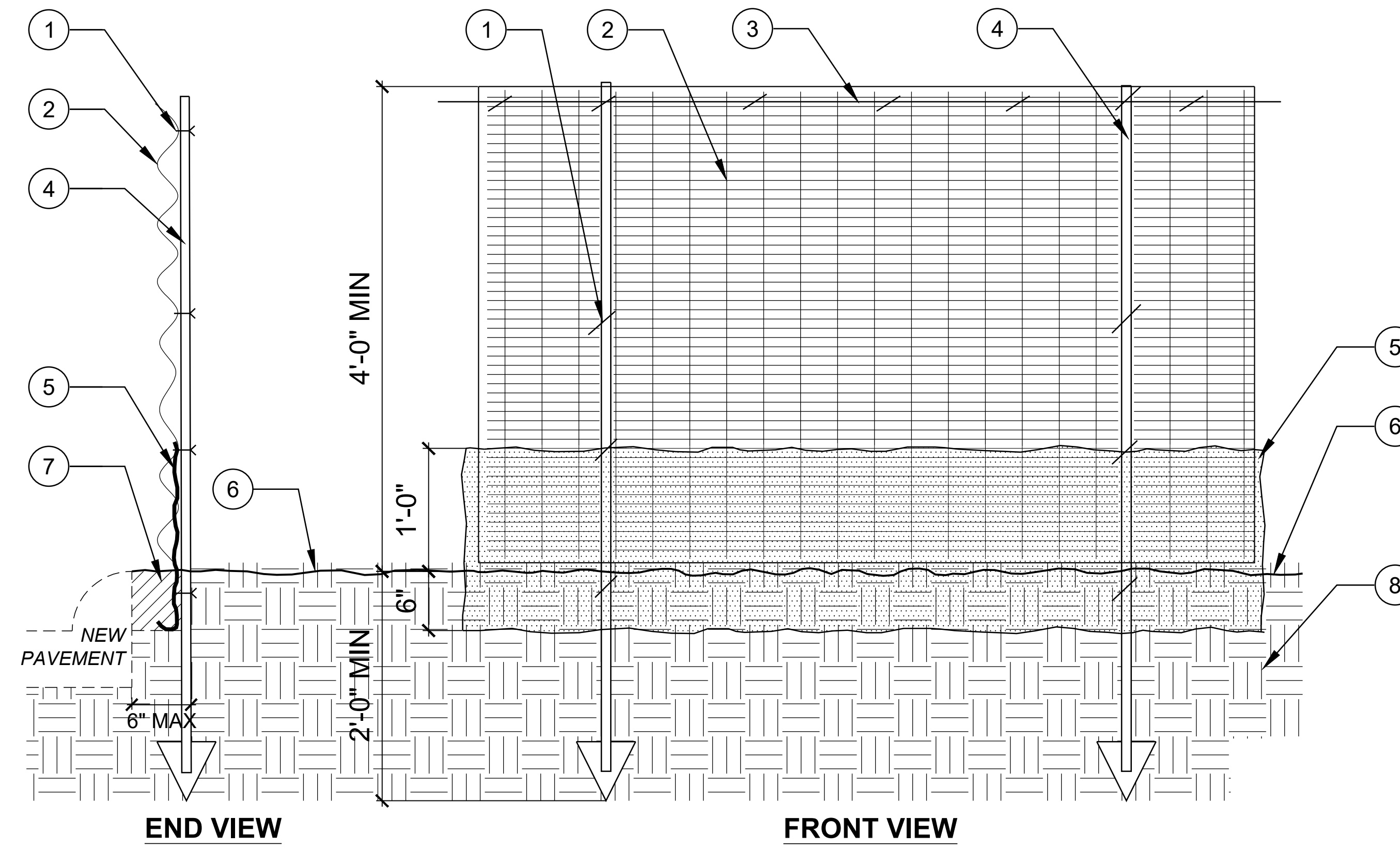
SHEET TITLE
 TREE PRESERVATION
 PLAN ENLARGEMENT

2 OF 2

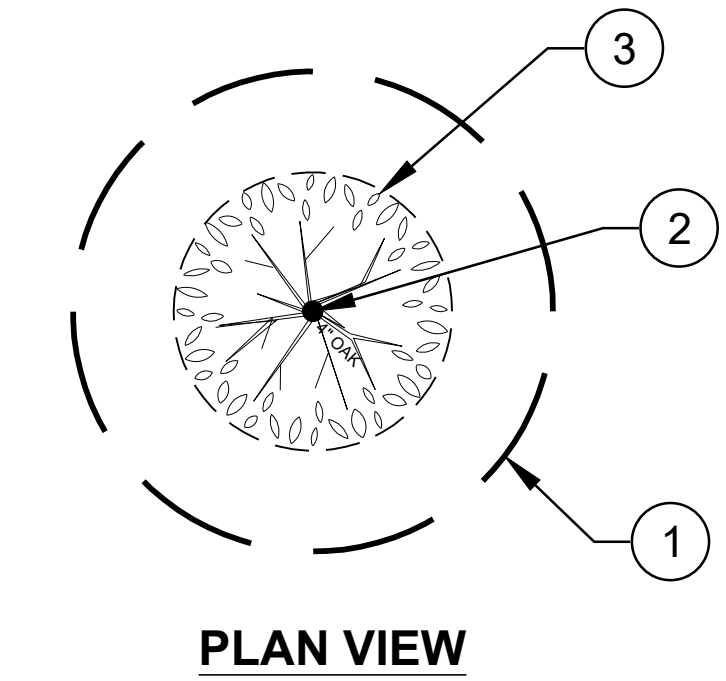
SHEET NUMBER



- DETAIL NOTES:**
1. EXISTING TREE
 2. 4" (MIN.)HARDWOOD BARK MULCH TOP DRESSING, *SEE SPECIFICATIONS*
 3. EXISTING/UNDISTURBED SUB GRADE
 4. SHALLOW SHOVEL CUT EDGE
 5. EXISTING OR PROPOSED SOD/TURF
 6. NO MULCH OVER ROOT FLARE. TOP OF ROOT BALL SHOULD BE 1"-2" ABOVE GRADE PRIOR TO MULCHING.



- DETAIL NOTES:**
1. PLASTIC STRAP TIES, 4 PER FENCE POST AS SHOWN
 2. 4'-0" HIGH VISIBILITY, ORANGE, PLASTIC MESH FENCE
 3. 16 GA. SMOOTH WIRE STRETCH ACROSS TOP OF FENCE & SECURE
 4. 5/8" DIA. x 6'-0" TALL FIBERGLASS POSTS OR APPROVED EQUAL (6' GALVANIZED STEEL T-POST ALTERNATIVE)
 5. 6 MIL PLASTIC BARRIER (ON CURB SIDE OF FENCE, ONLY APPLICABLE WHERE NEW PAVEMENT AND/OR CURBING IS BEING INSTALLED)
 6. FINISH GRADE
 7. BACKFILLED 6"X6" TRENCH WITH PLASTIC BARRIER
 8. UNDISTURBED SUB-GRADE



- DETAIL NOTES:**
1. TREE PRESERVATION ZONE, AS CALCULATED IN DETAIL #1, NOTE #4, THIS SHEET.
 2. 4" CALIPER TRUNK
 3. TREE DRIPLINE

5 MULCH RING

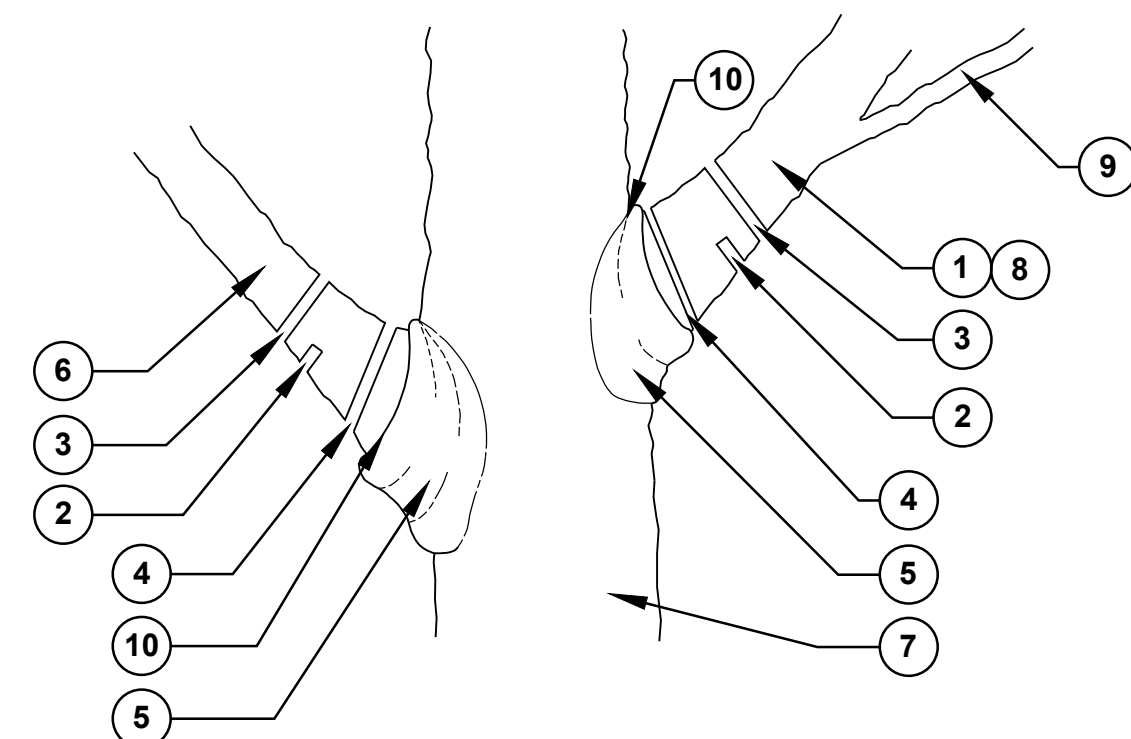
NOT TO SCALE

3 TREE PROTECTIVE FENCE

NOT TO SCALE

GENERAL NOTES:

- UTILIZE ASPHALT BASED TREE WOUND PAINT TO COVER ALL CUTS ON TREE ROOT / TREE PRUNING.
- ALL TREE PRUNING TO BE PERFORMED BY A CERTIFIED ARBORIST.
- PRUNE TREES TO MIN. 7'-0" ABOVE PROPOSED SIDEWALKS, DRIVEWAYS, AND WALKING/ PAVING SURFACES.



DETAIL NOTES:

1. LIVE BRANCH.
2. 1ST CUT. UNDERCUT BRANCH FROM THE BOTTOM, 6" TO 12" ABOVE BRANCH BARK RIDGE AND 1/3 OF THE WAY THROUGH THE BRANCH.
3. 2ND CUT. TOP CUT 3" TO 6" ABOVE FIRST CUT REMOVING THE BRANCH COMPLETELY.
4. 3RD CUT STUB BACK TO THE START OF THE BRANCH BARK RIDGE.
5. BRANCH BARK COLLAR.
6. DEAD BRANCH.
7. MAIN TRUNK.
8. MAJOR BRANCH.
9. MINOR BRANCH.
10. BRANCH BARK RIDGE.

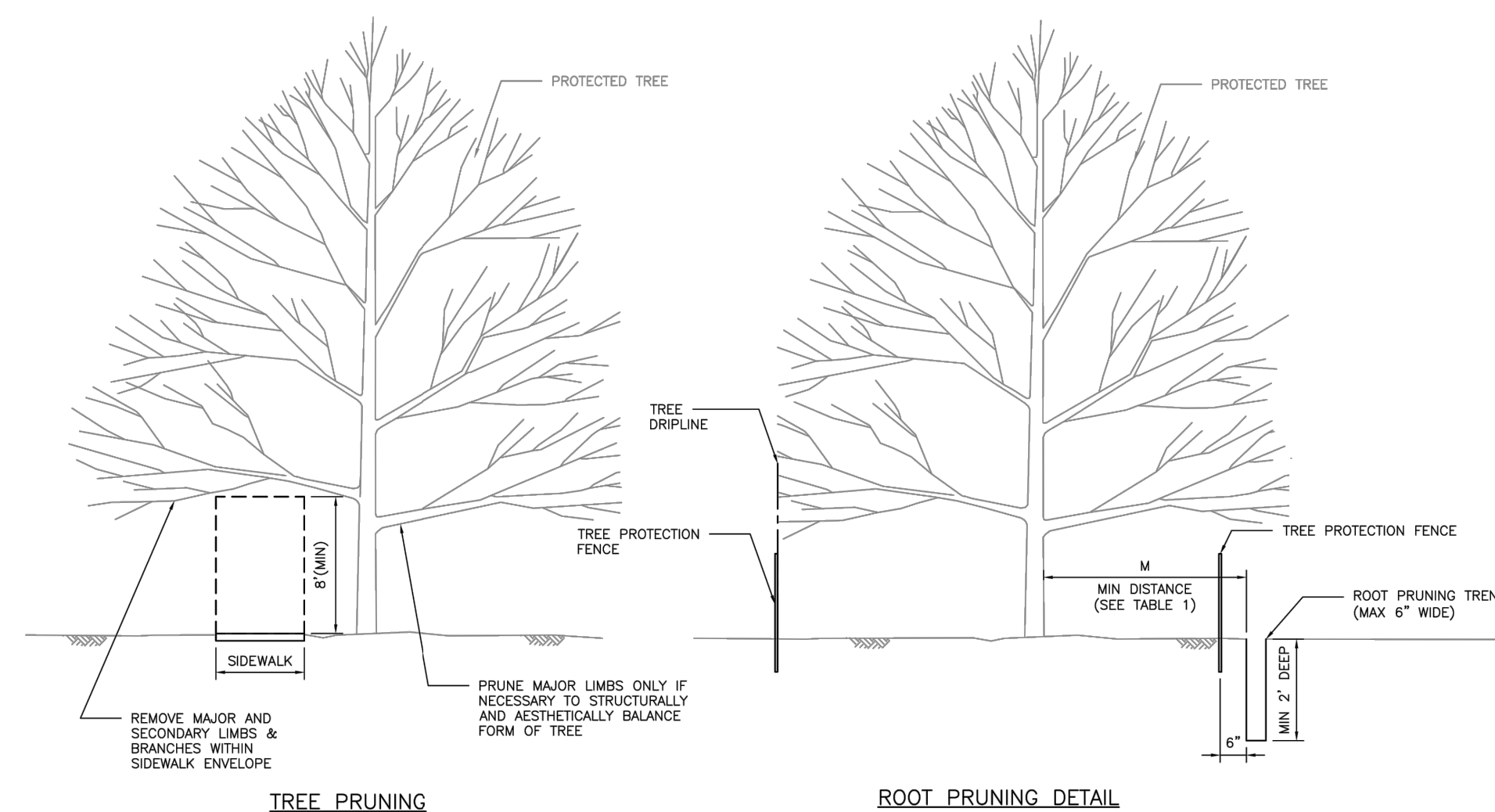


TABLE 1 "M" DISTANCE TABLE	
TREE TRUNK DIA. (IN)	MINIMUM DISTANCE (FEET)
< 6"	3 FEET
6" ≤ DIA. ≤ 20"	0.75 FEET PER DIA.-INCH
> 20"	CONSULT CITY ARBORIST

*MINIMUM DISTANCE FROM TREE TRUNK TO EDGE OF TRENCH

TREE PRESERVATION NOTES:

1. CONTRACTOR SHALL SEEK PRIOR APPROVAL FROM THE ARBORIST, CITY URBAN FORESTOR, AND CITY'S REPRESENTATIVE PRIOR TO INITIATION OF TREE REMOVAL AND/OR TREE PROTECTION ACTIVITIES WITHIN THE PROJECT SCOPE OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF BRYAN.

2. THE CONTRACTOR SHALL IMPLEMENT ALL PROPOSED TREE PRESERVATION MITIGATION TREATMENTS PER THE TREE INVENTORY LIST PRIOR TO ANY SITE CLEARING.

3. UPON THE LANDSCAPE ARCHITECTS APPROVAL, THE CONTRACTOR SHALL PROCEED WITH TREE PRESERVATION AND CLEARING PER PROCEDURES NOTED BELOW.

- CONTRACTOR PROTECTS THE PRESERVATION ZONE WITH PLASTIC MESH CONSTRUCTION FENCING LOCATED 6" FROM BACK OF PROPOSED OR EXISTING CURB.
- CONTRACTOR SHALL PRESERVE ALL TREES WHICH ARE 2" ON CALIPER OR MORE.

4. PROPOSED SPECIMEN TREES TO BE PRESERVED SHALL BE PROTECTED FOR A DISTANCE OF 1'-0" PER 1" OF TREE CALIPER AS MEASURED 48" ABOVE FINISHED GRADE AWAY FROM THE TREE (EXAMPLE: IF A 12" CALIPER TREE IS TO BE SAVED, ITS PROTECTED ROOT ZONE DIAMETER SHALL BE 12' OR GREATER). NO CUTTING, FILLING OR OTHER DISTURBANCES OF EXISTING GRADE SHALL OCCUR IN THIS AREA WITHOUT THE AUTHORIZATION OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.

4 TREE CANOPY BRANCH PRUNING

NOT TO SCALE

2 ROOT AND TREE PRUNING

NOT TO SCALE

1 TREE PROTECTION NOTES

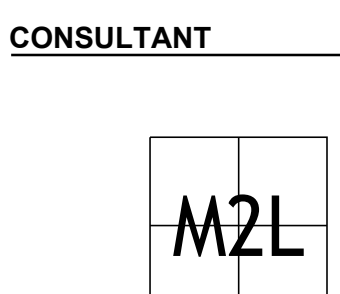
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1	8/8/2024	80% CONSTRUCTION DOCUMENTS
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PROJECT NAME
Brazos County
Medical Examiner
Office

PROJECT LOCATION
3037 E. 29TH ST.
BRYAN, TX 77802

PROJECT NUMBER
1007230.00

SHEET TITLE
TREE PRESERVATION
DETAILS

1 OF 1

SHEET NUMBER



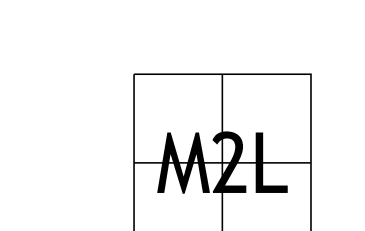
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BRYAN, TX 77802

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SHEET TITLE
IRRIGATION PLAN
ENLARGEMENT

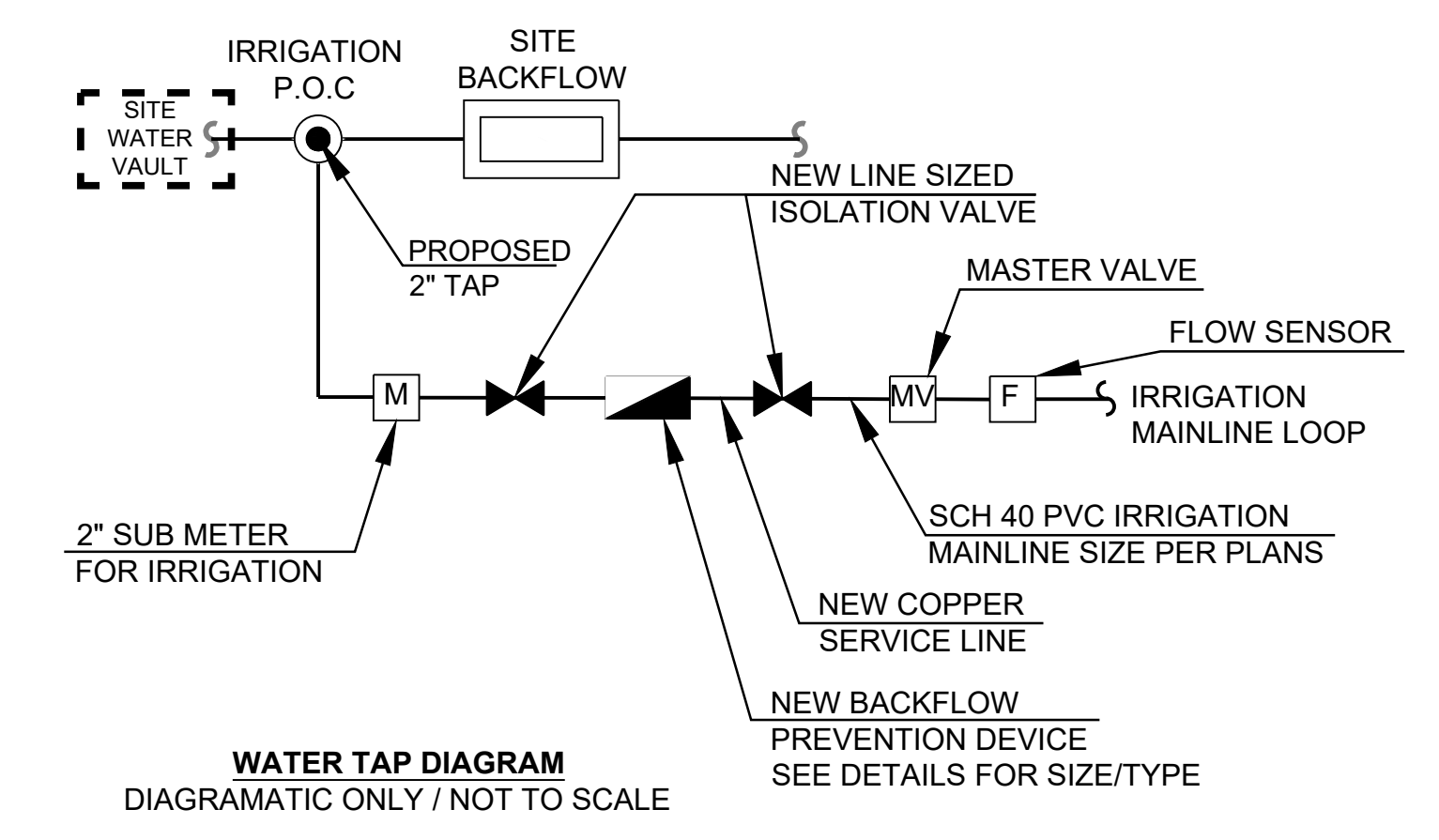
1 OF 2

SHEET NUMBER

1L5.01

- IRRIGATION NOTES:**
- ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN *DIAGRAMMATIC*. IT IS INTENDED THAT THE EQUIPMENT BE PLACED IN THE LANDSCAPE RESERVE. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS AND PROVIDE HEAD TO HEAD COVERAGE IN ALL AREAS.
 - CONTRACTOR TO PROVIDE, UNDER THIS CONTRACT, ALL IRRIGATION EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL PERMITS AND FEES, BACKFLOW ASSEMBLIES, METER, VALVES, HEADS, LATERAL & MAIN LINES, AND MISC. EQUIPMENT
 - SEE SHEET 1L6.01 AND 1L6.02 FOR IRRIGATION DETAILS AND NOTES.
 - CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND OTHER PAVED SURFACES.
 - CONTRACTOR SHALL BE REQUIRED TO WATER ALL TURF AREAS NOT COVERED BY IRRIGATION SYSTEM FOR PLANT ESTABLISHMENT THROUGH 90-DAY MAINTENANCE PERIOD.

GENERAL NOTES



IRRIGATION TAP DETAILS (SEE IRRIGATION DETAILS)

VALVE NO.	DESCRIPTION	VALVE SIZE	ZONE GPM
1	TURF SPRAY	1.5"	47.2
2	SHRUB SPRAY	1.0"	9.36
3	SHRUB SPRAY	1.0"	6.2
4	TURF SPRAY	1.5"	10.3
5	ROTORS	1.5"	32.1
6	SHRUB SPRAY	1.0"	13.3
7	ROTORS	1.5"	15.3
8	SHRUB SPRAY	1.0"	TBD
9	ROTORS	1.5"	17.2
10	SHRUB SPRAY	1.0"	12.1
11	ROTORS	1.5"	27.6
12	ROTORS	1.5"	19.5

VALVE NO.	DESCRIPTION	VALVE SIZE	ZONE GPM
13	SHRUB SPRAY	1.0"	2.42
14	ROTORS	1.5"	17.8
15	SHRUB SPRAY	1.0"	7.4
16	TURF SPRAY	1.5"	25.0
17	TURF SPRAY	1.5"	24.1
18	ROTORS	1.5"	33.3
19	ROTORS	1.5"	26.0

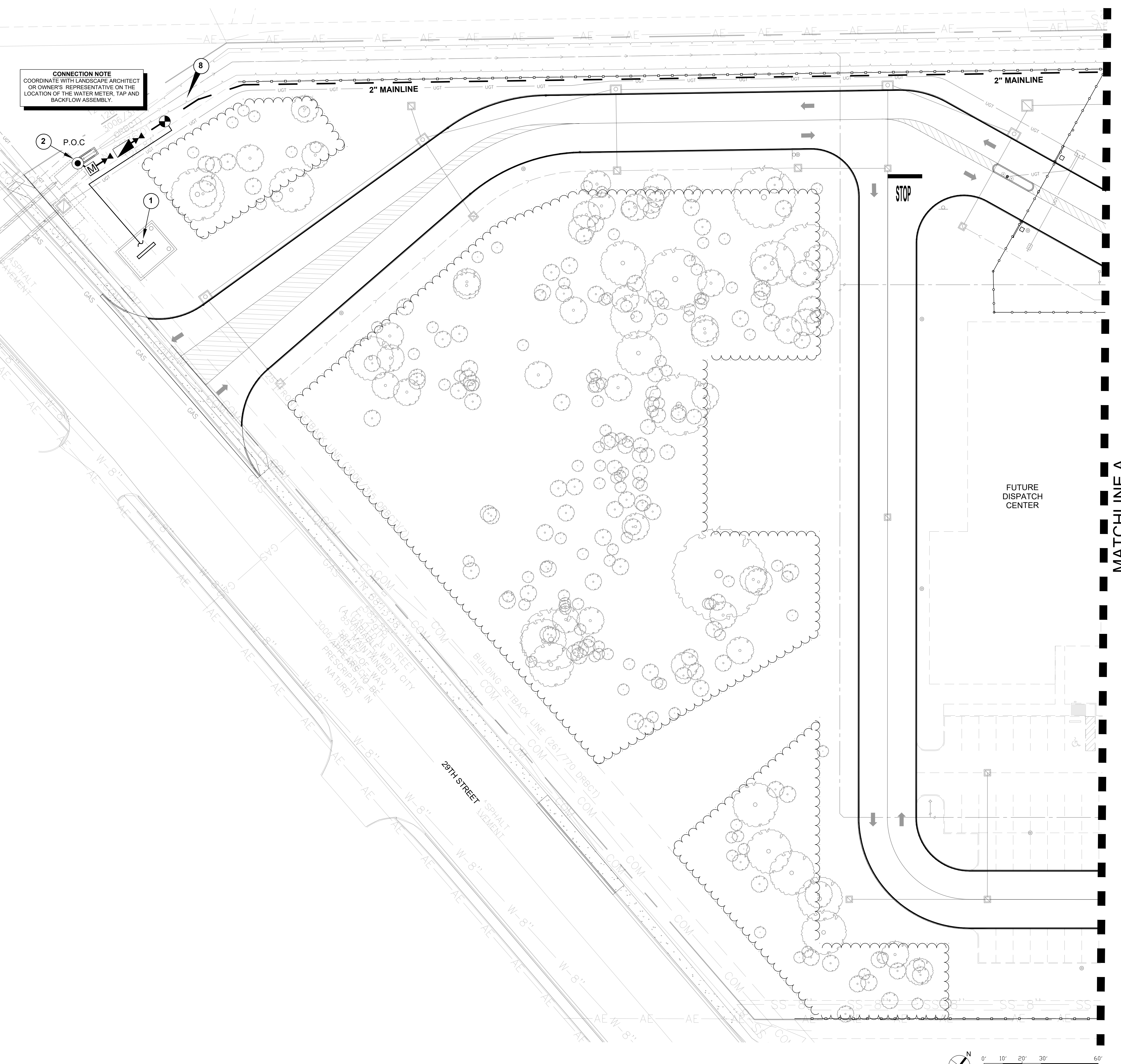
TOTAL GALLONS PER CYCLE: 346.2 GPM

VALVE CHART

- | SYMBOL | DESCRIPTION |
|--------|---|
| | TREE BUBBLER (2 BUBBLERS PER TREE) |
| | DRIP VALVE |
| | PRESSURE REGULATING VALVE |
| | LIVE SIZE QUICK COUPLER WITH VALVE KEY |
| | LINE SIZED BRASS GATE VALVE |
| | PRESSURE MAINLINE 18" MIN. COVER |
| | LATERAL LINE 12" MIN. COVER |
| | SCH 40 PVC SLEEVE SIZED PER PLANS |
| | CONTROLLER |
| | BACKFLOW DEVICE |
| | NEW 2" SUB WATER METER |
| | DRIP IRRIGATION |
| | SHRUB POP-UP SPRAY |
| | IRRIGATION VALVE CALL OUT (SEE VALVE CHART, THIS SHEET) |

- PLAN NOTES**
- FUTURE USE STUB OUT LATERAL LINE IN 9" VALVE BOX
 - CONNECT TO SITE SERVICE LINE BETWEEN VAULT AND SITE BACKFLOW
- SLEEVE LEGEND**
- PROPOSED 4" SCH 40 PVC SLEEVE
 - PROPOSED 6" SCH 40 PVC SLEEVE

PLAN LEGEND (SEE IRRIGATION DETAILS)

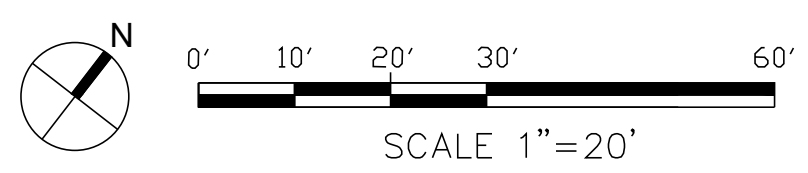


CONNECTION NOTE
COORDINATE WITH LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE ON THE LOCATION OF THE WATER METER, TAP AND BACKFLOW ASSEMBLY.

MATCHLINE A

FUTURE DISPATCH CENTER

STOP





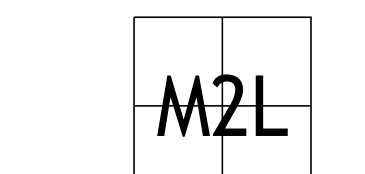
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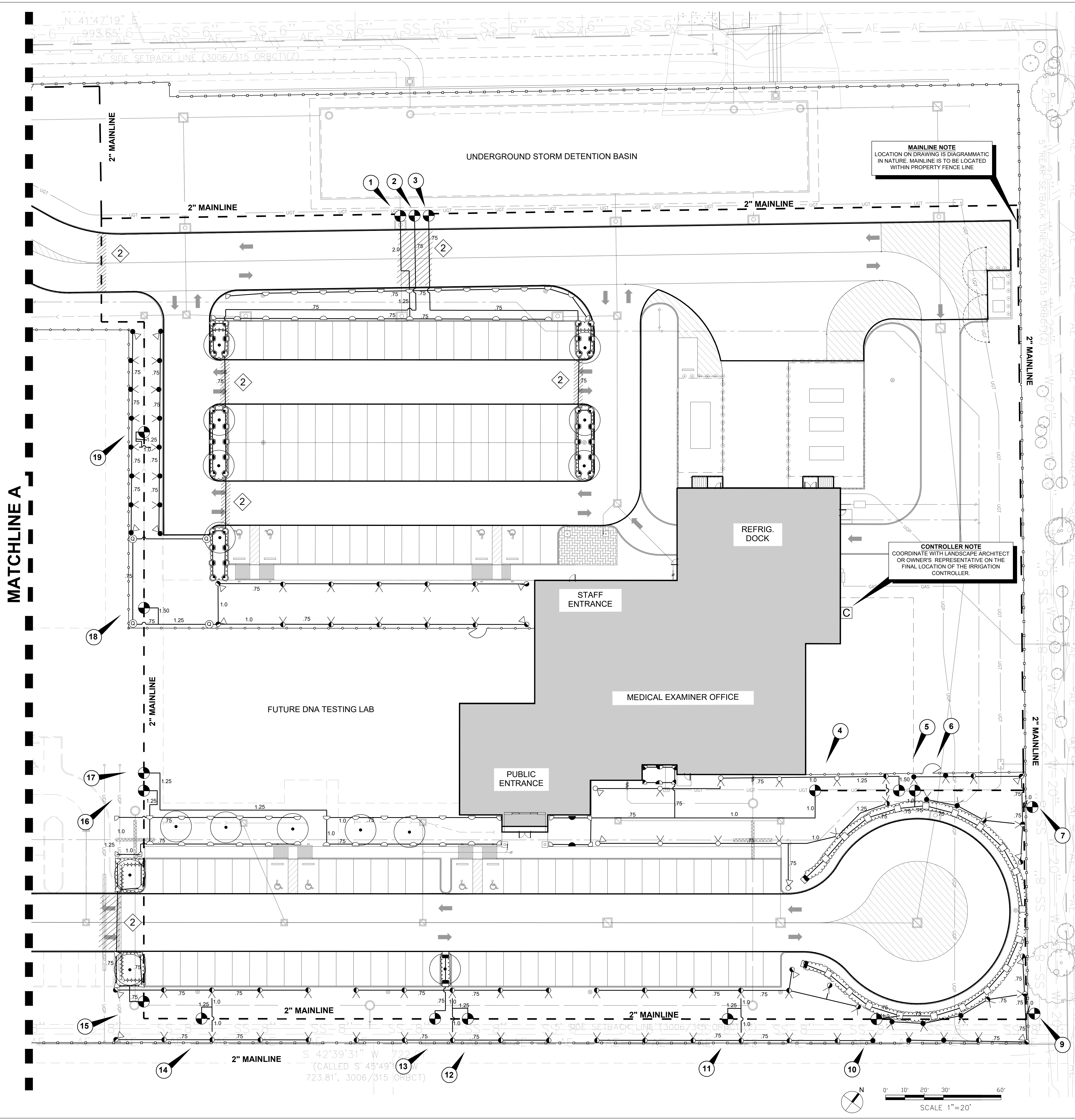
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SHEET TITLE
 IRRIGATION PLAN
 ENLARGEMENT

2 OF 2

SHEET NUMBER

1L5.02

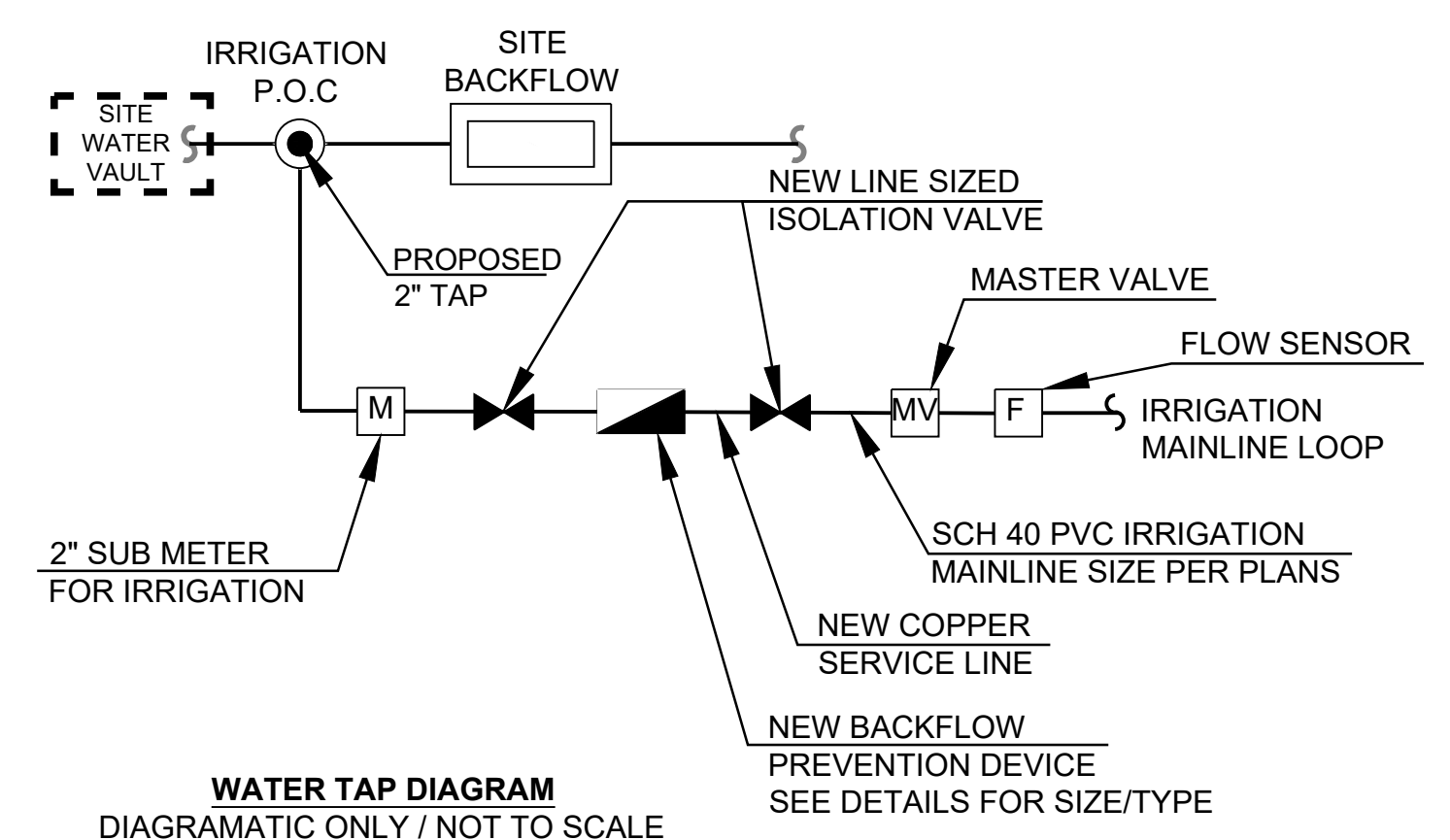


- IRRIGATION NOTES:**
- ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN DIAGRAMMATIC. IT IS INTENDED THAT THE EQUIPMENT BE PLACED IN THE LANDSCAPE RESERVE. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS AND PROVIDE HEAD TO HEAD COVERAGE IN ALL AREAS.
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 - SEE SHEET 1L&.01 AND 1L&.02 FOR IRRIGATION DETAILS AND NOTES.
 - CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND OTHER PAVED SURFACES.
 - CONTRACTOR SHALL BE REQUIRED TO WATER ALL TURF AREAS NOT COVERED BY IRRIGATION SYSTEM FOR PLANT ESTABLISHMENT THROUGH 90-DAY MAINTENANCE PERIOD.

MAINLINE NOTE
 LOCATION ON DRAWING IS DIAGRAMMATIC IN NATURE. MAINLINE IS TO BE LOCATED WITHIN PROPERTY FENCE LINE

CONTROLLER NOTE
 COORDINATE WITH LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE ON THE FINAL LOCATION OF THE IRRIGATION CONTROLLER.

GENERAL NOTES



IRRIGATION TAP DETAILS (SEE IRRIGATION DETAILS)

VALVE NO.	DESCRIPTION	VALVE SIZE	ZONE GPM
1	TURF SPRAY	1.5"	47.2
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10	SHRUB SPRAY	1.0"	12.1
11	ROTORS	1.5"	27.6
12	ROTORS	1.5"	19.5

VALVE NO.	DESCRIPTION	VALVE SIZE	ZONE GPM
13	SHRUB SPRAY	1.0"	2.42
14	ROTORS	1.5"	17.8
15	SHRUB SPRAY	1.0"	7.4
16	TURF SPRAY	1.5"	25.0
17	TURF SPRAY	1.5"	24.1
18	ROTORS	1.5"	33.3
19	ROTORS	1.5"	26.0

TOTAL GALLONS PER CYCLE: 346.2 GPM

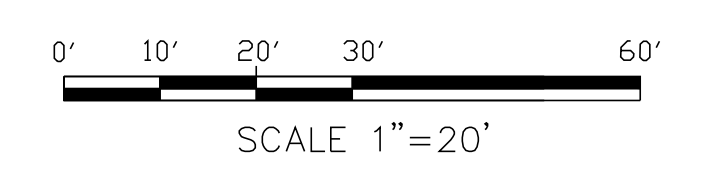
VALVE CHART

- SYMBOL DESCRIPTION**
- TREE BUBBLER (2 BUBBLERS PER TREE)
 - DRIP VALVE
 - PRESSURE REGULATING VALVE
 - LIVE SIZE QUICK COUPLER WITH VALVE KEY
 - LINE SIZED BRASS GATE VALVE
 - PRESSURE MAINLINE 18" MIN. COVER
 - LATERAL LINE 12" MIN. COVER
 - SCH 40 PVC SLEEVE SIZED PER PLANS
 - CONTROLLER
 - BACKFLOW DEVICE
 - NEW 2" SUB WATER METER
 - DRIP IRRIGATION
 - SHRUB POP-UP SPRAY
 - IRRIGATION VALVE CALL OUT (SEE VALVE CHART, THIS SHEET)

- PLAN NOTES**
- FUTURE USE STUB OUT LATERAL LINE IN 9" VALVE BOX
 - CONNECT TO SITE SERVICE LINE BETWEEN VAULT AND SITE BACKFLOW

- SLEEVE LEGEND**
- PROPOSED 4" SCH 40 PVC SLEEVE
 - PROPOSED 6" SCH 40 PVC SLEEVE

PLAN LEGEND (SEE IRRIGATION DETAILS)





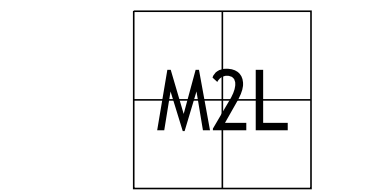
Brazos County
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CONSULTANT



M2L ASSOCIATES, INC.
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REGISTRATION

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DRAWING HISTORY

Table with columns: No., Date, Description, and a grid for drawing history entries.

PROJECT NAME
Brazos County
Medical Examiner
Office

PROJECT LOCATION
3037 E. 29TH ST.
BRYAN, TX 77802

PROJECT NUMBER
1007230.00

SHEET TITLE
IRRIGATION
DETAILS

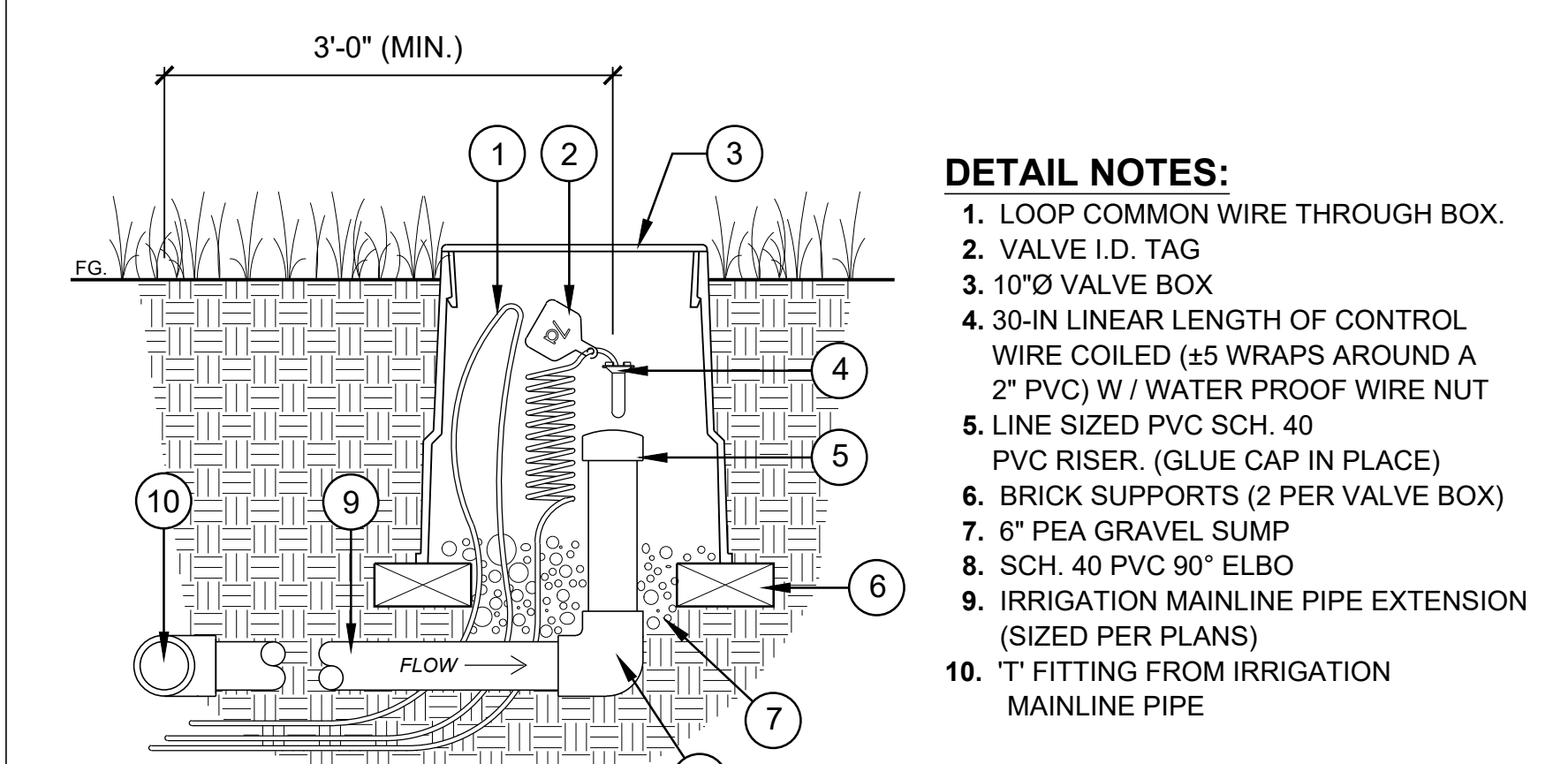
1 OF 2

SHEET NUMBER

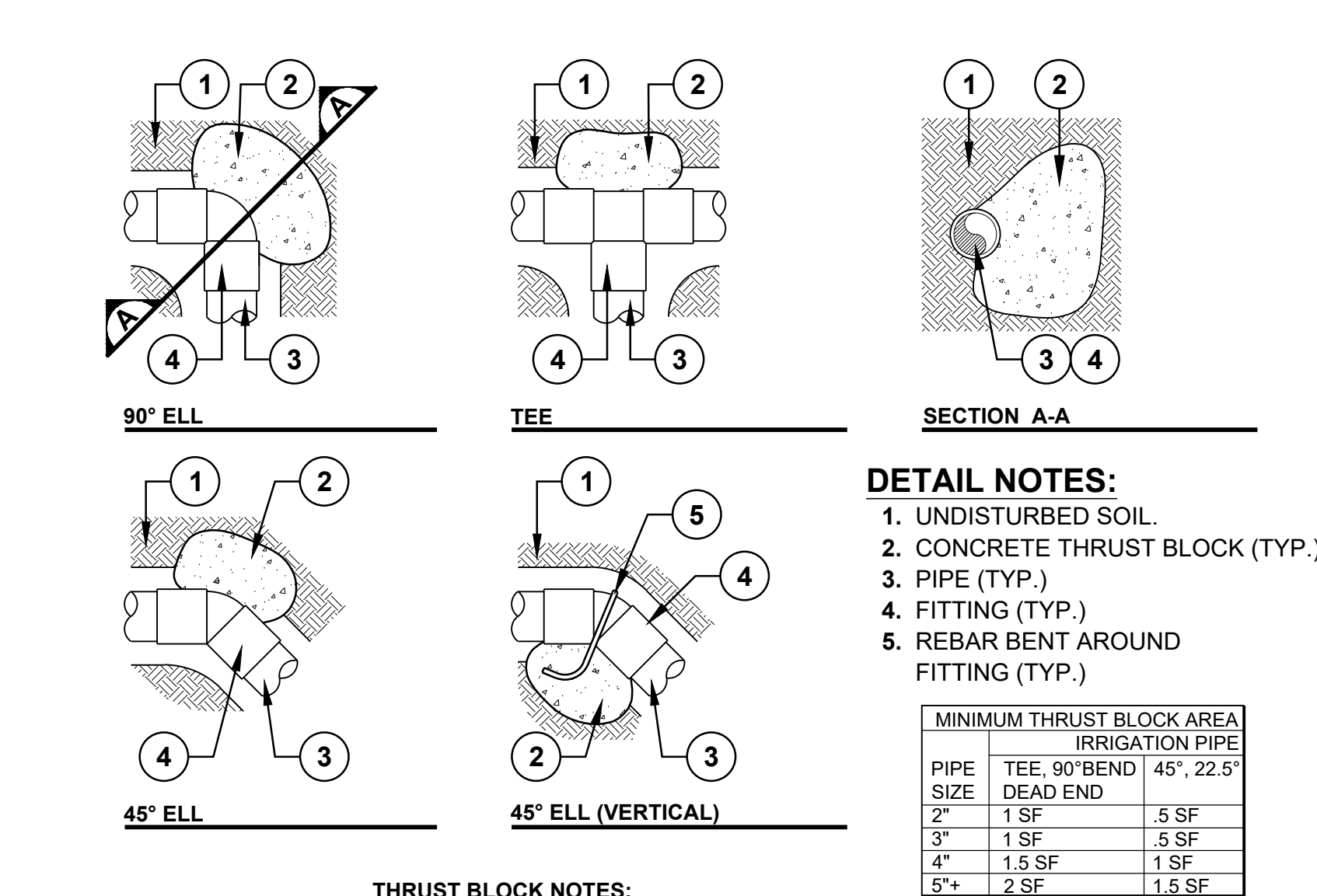
1L6.01

IRRIGATION LEGEND table with columns: SYMBOL, MANUFACTURER, MODEL NO./DESCRIPTION, PSI, RADIUS, GPM. Lists various nozzle and valve symbols and their specifications.

ALL SWING JOINTS SHALL BE
PREMANUFACTURED FLEXIBLE POLY
TUBING UNLESS OTHERWISE NOTED
ON THE DETAILS. NO CONTRACTOR
ASSEMBLED SWING JOINTS WILL BE
ACCEPTED.



- DETAIL NOTES:
1. LOOP COMMON WIRE THROUGH BOX.
2. VALVE I.D. TAG
3. 10" VALVE BOX
4. 30-IN LINEAR LENGTH OF CONTROL WIRE COILED (45 WRAPS AROUND A 2" PVC) W/ WATER PROOF WIRE NUT
5. LINE SIZED PVC SCH. 40 PVC RISER, (GLUE CAP IN PLACE)
6. BRICK SUPPORTS (2 PER VALVE BOX)
7. 6" PEA GRAVEL SUMP
8. SCH. 40 PVC 90° ELBO
9. IRRIGATION MAINLINE PIPE EXTENSION (SIZED PER PLANS)
10. 'T' FITTING FROM IRRIGATION MAINLINE PIPE



- DETAIL NOTES:
1. UNDISTURBED SOIL.
2. CONCRETE THRUST BLOCK (TYP.)
3. PIPE (TYP.)
4. FITTING (TYP.)
5. REBAR BENT AROUND FITTING (TYP.)

Table: MINIMUM THRUST BLOCK AREA IRRIGATION PIPE SIZE. Columns: PIPE SIZE, TEE, 90° BEND, 45°, 22.5° DEAD END.

- THRUST BLOCK NOTES:
A. MINIMUM THRUST BLOCK AREAS ARE BASED ON A SOIL BEARING CAPACITY OF 3,000 LBS/SF.
B. ALL THRUST BLOCKS SHALL EXTEND INTO UNDISTURBED SOIL.

Table: IRRIGATION CONTROL WIRE TABLE. Columns: DESCRIPTION, GAUGE, COLOR.

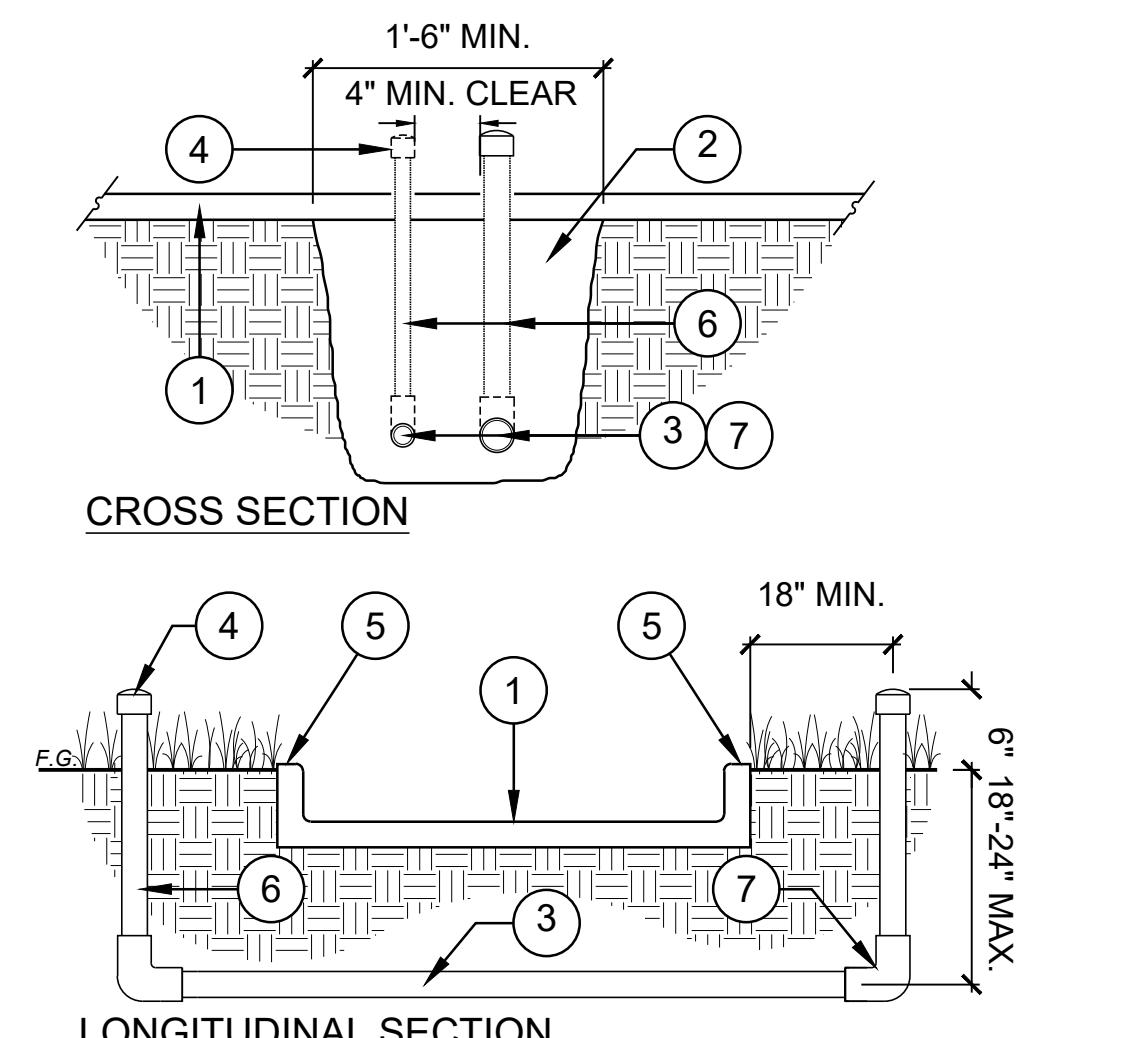
- *EXPANSION WIRE NOTES:
A. MINIMUM OF 2 EXPANSION/EXTRA CONTROL WIRES PER CONTROLLER
B. RUN WIRES THROUGH VALVE BOXES PER DETAIL #3, THIS SHEET.
C. CONTRACTOR MUST PERFORM CONTINUITY TEST IN THE PRESENCE OF LANDSCAPE ARCHITECT.

10 IRRIGATION CONTROL WIRE TABLE

7 THRUST BLOCK

4 EXPANSION STUB

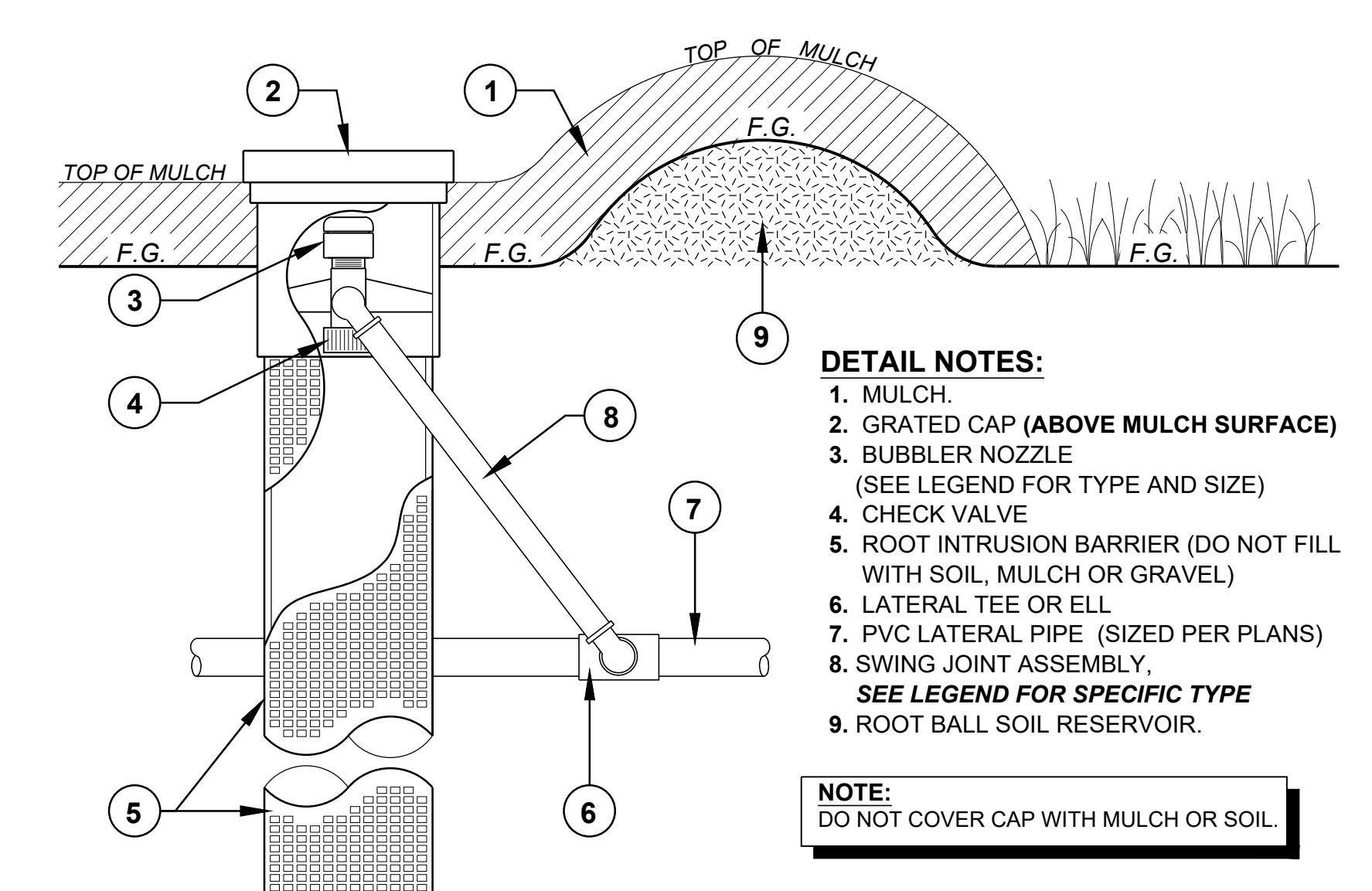
- DETAIL NOTES:
1. PAVING
2. TRENCH
3. SLEEVES- SIZE PER PLANS
4. PVC CAP (6" MIN. ABOVE GRADE)
5. PROVIDE PERMANENT PAVEMENT MARKERS FOR SLEEVE LOCATIONS ON CURB OR ADJACENT PAVEMENT SURFACES.
6. PVC RISER PIPE
7. PVC ELBOW



9 SLEEVING DIAGRAM

6 TREE BUBBLER

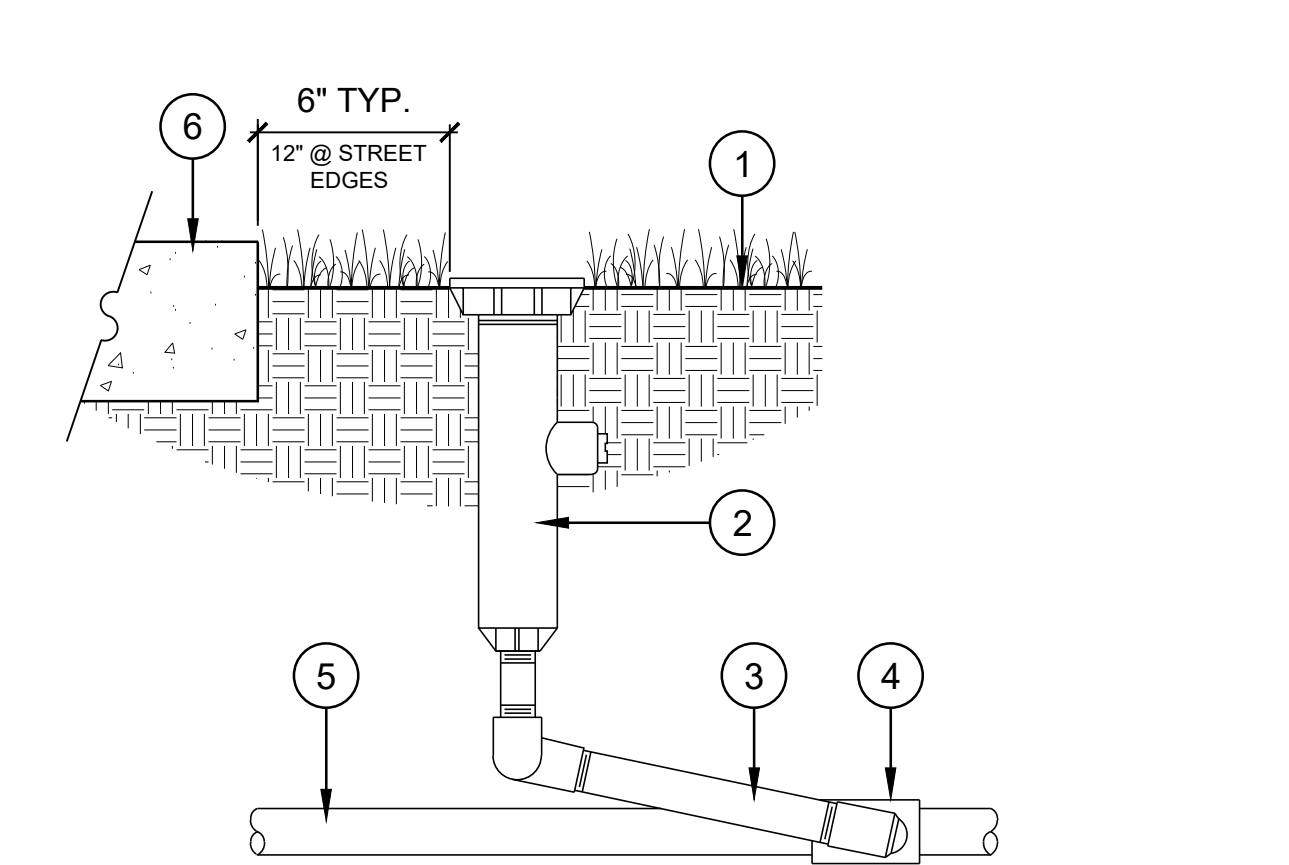
2 IRRIGATION LEGEND



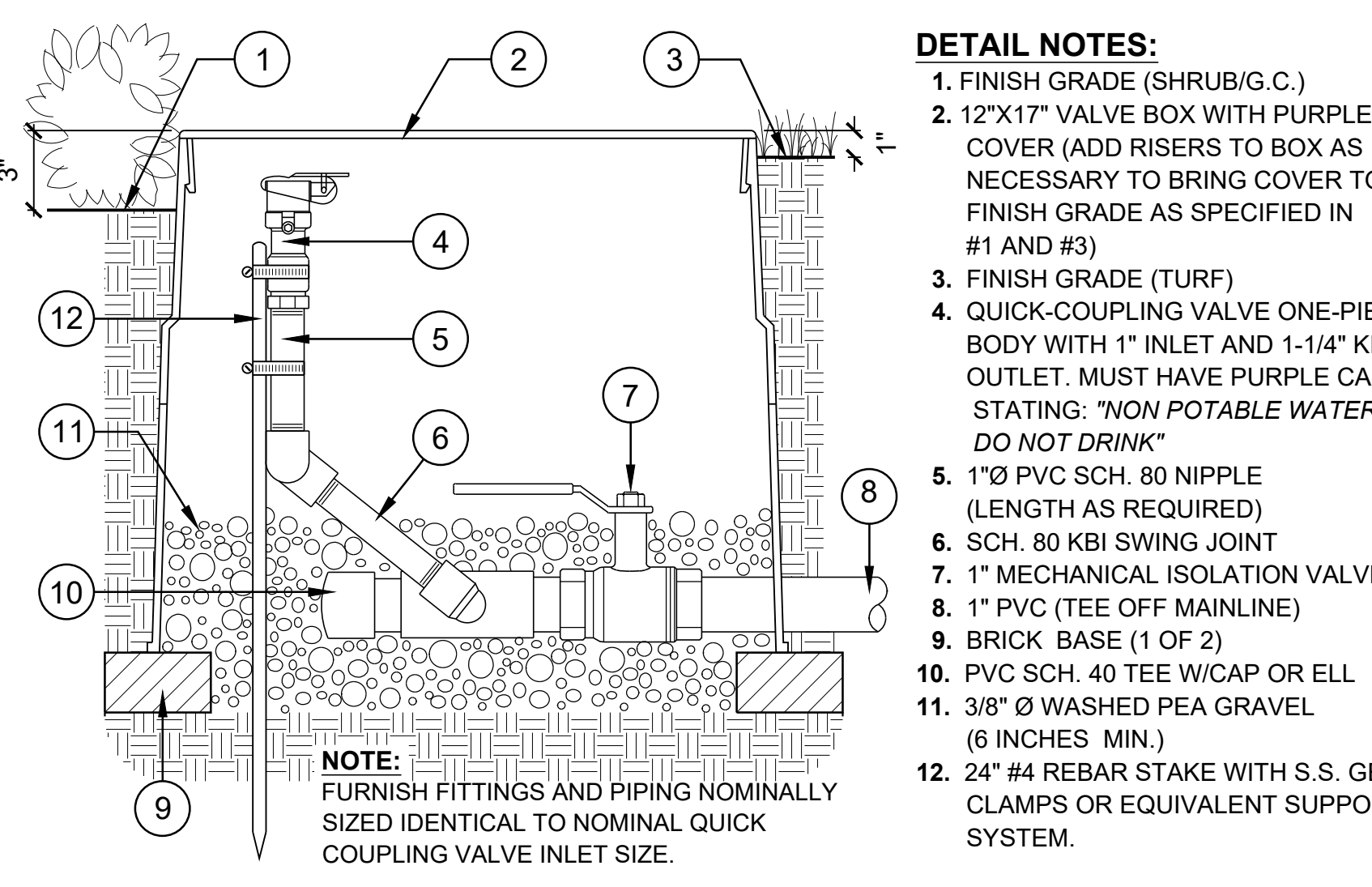
- DETAIL NOTES:
1. MULCH.
2. GRATED CAP (ABOVE MULCH SURFACE)
3. BUBBLER NOZZLE (SEE LEGEND FOR TYPE AND SIZE)
4. CHECK VALVE
5. ROOT INTRUSION BARRIER (DO NOT FILL WITH SOIL, MULCH OR GRAVEL)
6. LATERAL TEE OR ELL
7. PVC LATERAL PIPE (SIZED PER PLANS)
8. SWING JOINT ASSEMBLY. SEE LEGEND FOR SPECIFIC TYPE
9. ROOT BALL SOIL RESERVOIR.

NOTE: DO NOT COVER CAP WITH MULCH OR SOIL.

- DETAIL NOTES:
1. FINISH GRADE/TOP OF MULCH
2. POP-UP SPRAYBODY: SEE PLAN AND LEGEND FOR SPECIFIC MODELS
3. SWING JOINT ASSEMBLY. SEE LEGEND FOR SPECIFIC TYPE
4. LATERAL TEE OR ELL
5. PVC LATERAL PIPE (SIZE PER PLANS)
6. WALK, CURB, WALL, ETC.

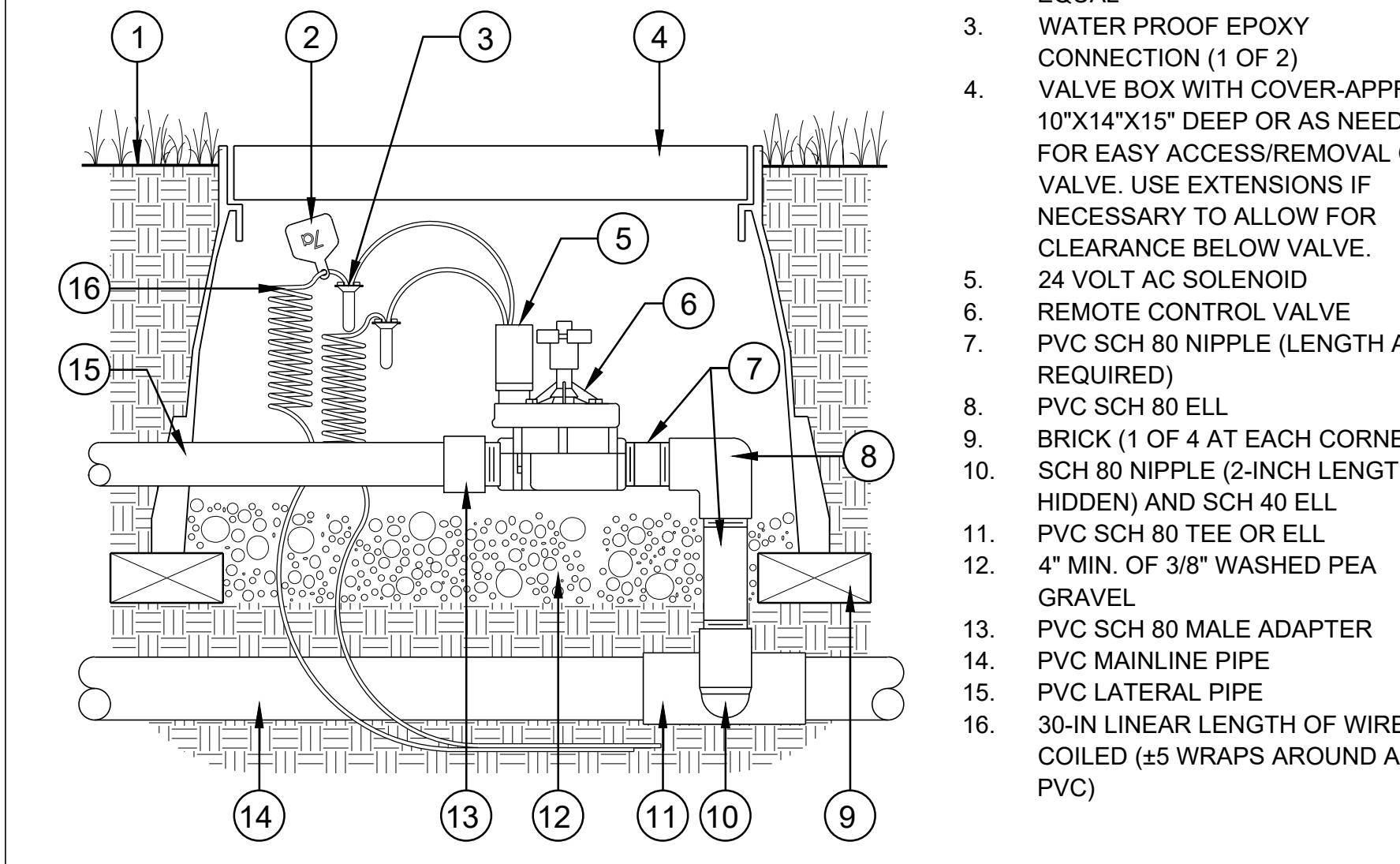


8 POP-UP SPRAY BODY



- DETAIL NOTES:
1. FINISH GRADE (SHRUB/G.C.)
2. 12"x17" VALVE BOX WITH PURPLE COVER (ADD RISERS TO BOX AS NECESSARY TO BRING COVER TO FINISH GRADE AS SPECIFIED IN #1 AND #3)
3. FINISH GRADE (TURF)
4. QUICK-COUPLING VALVE ONE-PIECE BODY WITH 1" INLET AND 1-1/4" KEY OUTLET. MUST HAVE PURPLE CAP STATING: "NON POTABLE WATER. DO NOT DRINK"
5. 1"Ø PVC SCH. 80 NIPPLE (LENGTH AS REQUIRED)
6. SCH. 80 KBI SWING JOINT
7. 1" MECHANICAL ISOLATION VALVE
8. 1" PVC (TEE OFF MAINLINE)
9. BRICK BASE (1 OF 2)
10. PVC SCH. 40 TEE WCAP OR ELL
11. 3/8" Ø WASHED PEA GRAVEL (6 INCHES MIN.)
12. 24" #4 REBAR STAKE WITH S.S. GEAR CLAMPS OR EQUIVALENT SUPPORT SYSTEM.

5 QUICK COUPLING VALVE



- DETAIL NOTES:
1. FINISH GRADE/TOP OF PLANTING BED OR TURF
2. CHRISTY ID TAG, OR APPROVED EQUAL
3. WATER PROOF EPOXY CONNECTION (1 OF 2)
4. VALVE BOX WITH COVER-APPROX. 10"x14"x15" DEEP OR AS NEEDED FOR EASY ACCESS/REMOVAL OF VALVE. USE EXTENSIONS IF NECESSARY TO ALLOW FOR CLEARANCE BELOW VALVE.
5. 24 VOLT AC SOLENOID
6. REMOTE CONTROL VALVE
7. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
8. PVC SCH 80 ELL
9. BRICK (1 OF 4 AT EACH CORNER)
10. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
11. PVC SCH 80 TEE OR ELL
12. 4" MIN. OF 3/8" WASHED PEA GRAVEL
13. PVC SCH 80 MALE ADAPTER
14. PVC MAINLINE PIPE
15. PVC LATERAL PIPE
16. 30-IN LINEAR LENGTH OF WIRE COILED (45 WRAPS AROUND A 2" PVC)

3 REMOTE CONTROL VALVE

- 1. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AND SITE PRIOR TO COMMENCING WITH ANY WORK UNDER THIS CONTRACT
2. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT AND COORDINATE ALL INSPECTIONS.
3. PLANS AS SHOWN ARE DIAGRAMMATIC ONLY. ALL IRRIGATION VALVES, MAINLINES, QUICK COUPLERS, HEADS, ETC., ARE TO BE PLACED IN PLANTING OR TURF AREAS. GATE VALVES AND REMOTE CONTROL VALVES SHALL BE PLACED IN SHRUB AREAS WHENEVER POSSIBLE OR IN DESIGNATED SLEEVES.
4. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE AS PART OF THIS WORK.
5. THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEFT AND REPLACE ALL DAMAGED OR STOLEN PARTS AT HIS EXPENSE UNTIL RECEIPT OF "CERTIFICATE OF SUBSTANTIAL COMPLETION".
6. THE CONTRACTOR SHALL NOT FULLY INSTALL THE SPRINKLER SYSTEM AS ILLUSTRATED ON THE DRAWINGS WHEN FIELD ANALYSIS REVEALS OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN AREA DIMENSIONS, THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING OF THE SYSTEM. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN A TIMELY MANNER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY COSTS RELATED TO REVISOR OR ALTERING THE SYSTEM IN THE EVENT THAT SUCH NOTIFICATION IS NOT CARRIED OUT.
7. USE GLUE JOINTS IN ALL SECTIONS OF MAINLINE PIPE THAT PASS THROUGH SLEEVES UNDER PAVEMENT.
8. CONTRACTOR SHALL FLUSH AND ADJUST THE SYSTEM FOR OPTIMUM PERFORMANCE PRIOR TO REQUEST FOR "CERTIFICATE OF SUBSTANTIAL COMPLETION". THIS SHALL INCLUDE RECALCULATING THE PRESSURE AT PRESSURE REGULATING VALVES TO OBTAIN OPTIMUM PERFORMANCE.
9. CONTRACTOR SHALL CONSULT WITH THE LANDSCAPE ARCHITECT ON THE FINAL LOCATION OF THE BACKFLOW PREVENTER AND IRRIGATION CONTROLLER PRIOR TO INSTALLATION.
10. ALL EQUIPMENT SHALL CONFORM TO APPLICABLE STATE, CITY AND COUNTY IRRIGATION AND PLUMBING CODES.
11. REFER TO THE SPECIFICATIONS FOR ADDITIONAL SYSTEM, PRODUCT, AND INSTALLATION INFORMATION AND REQUIREMENTS.

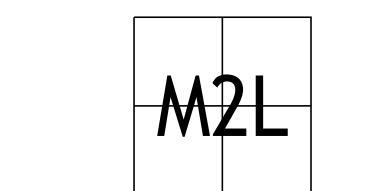
1 IRRIGATION NOTES

8 POP-UP SPRAY BODY

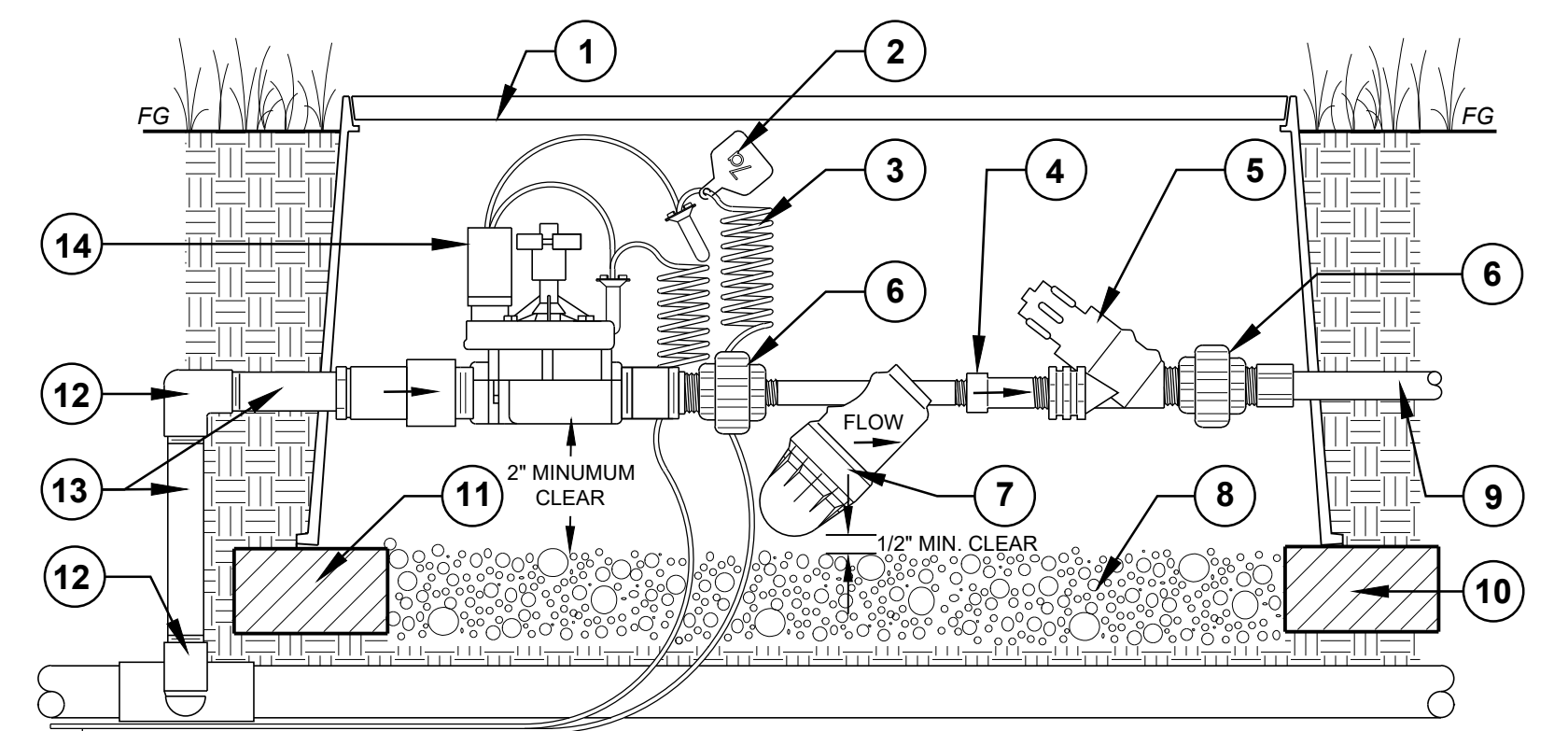
5 QUICK COUPLING VALVE

3 REMOTE CONTROL VALVE

1 IRRIGATION NOTES



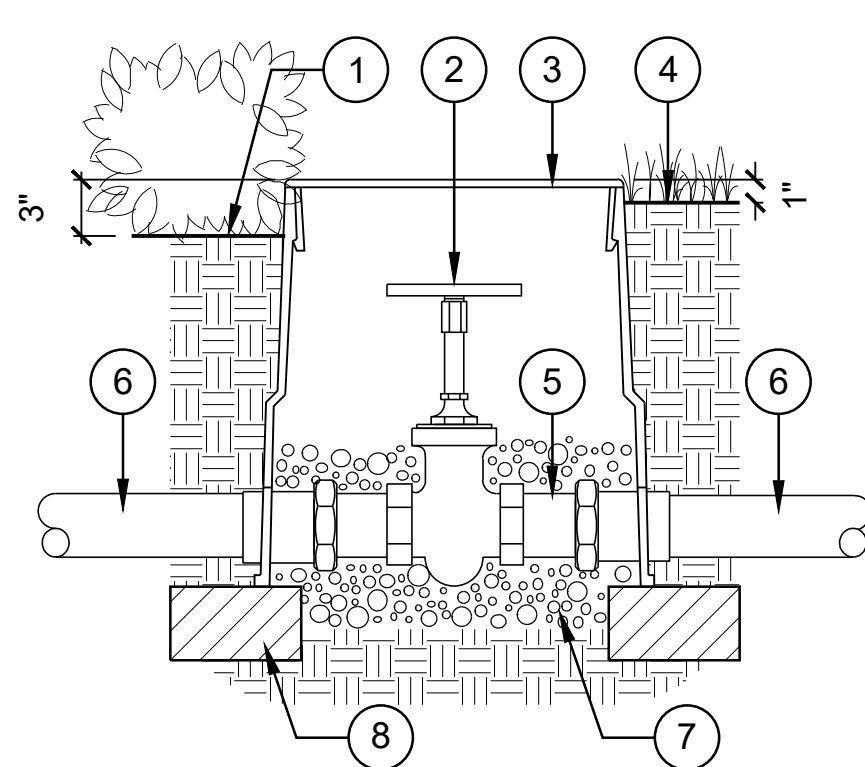
NO.	DATE	DESCRIPTION
1	8/8/2024	8/8/2024 CONSTRUCTION DOCUMENTS
2	10/15/2024	ADD IS



- DETAIL NOTES:**
- 1. 12"x18" VALVE BOX (MIN)
 - 2. CONTROLLER STATION ID TAG
 - 3. 30-IN LINEAR LENGTH OF WIRE COILED (±5 WRAPS AROUND A 2" PVC)
 - 4. M X F I.P.S. COUPLING
 - 5. PRV (LINE SIZED - PER PLANS)
 - 6. SCH 80 UNION (LINE SIZED - PER PLANS)
 - 7. DISC FILTER (LINE SIZED - PER PLANS)
 - 8. 6" DEEP PEA GRAVEL SUMP
 - 9. PVC OR POLY LATERAL PIPE (SIZE PER PLANS)
 - 10. MAINLINE (SIZE PER PLANS)
 - 11. BRICK SUPPORT (1-EACH CORNER)
 - 12. PVC SCH 40 TEE AND/OR ELL
 - 13. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
 - 14. REMOTE CONTROL VALVE (SIZE PER PLANS)

3 DRIP CONTROL VALVE ASSEMBLY

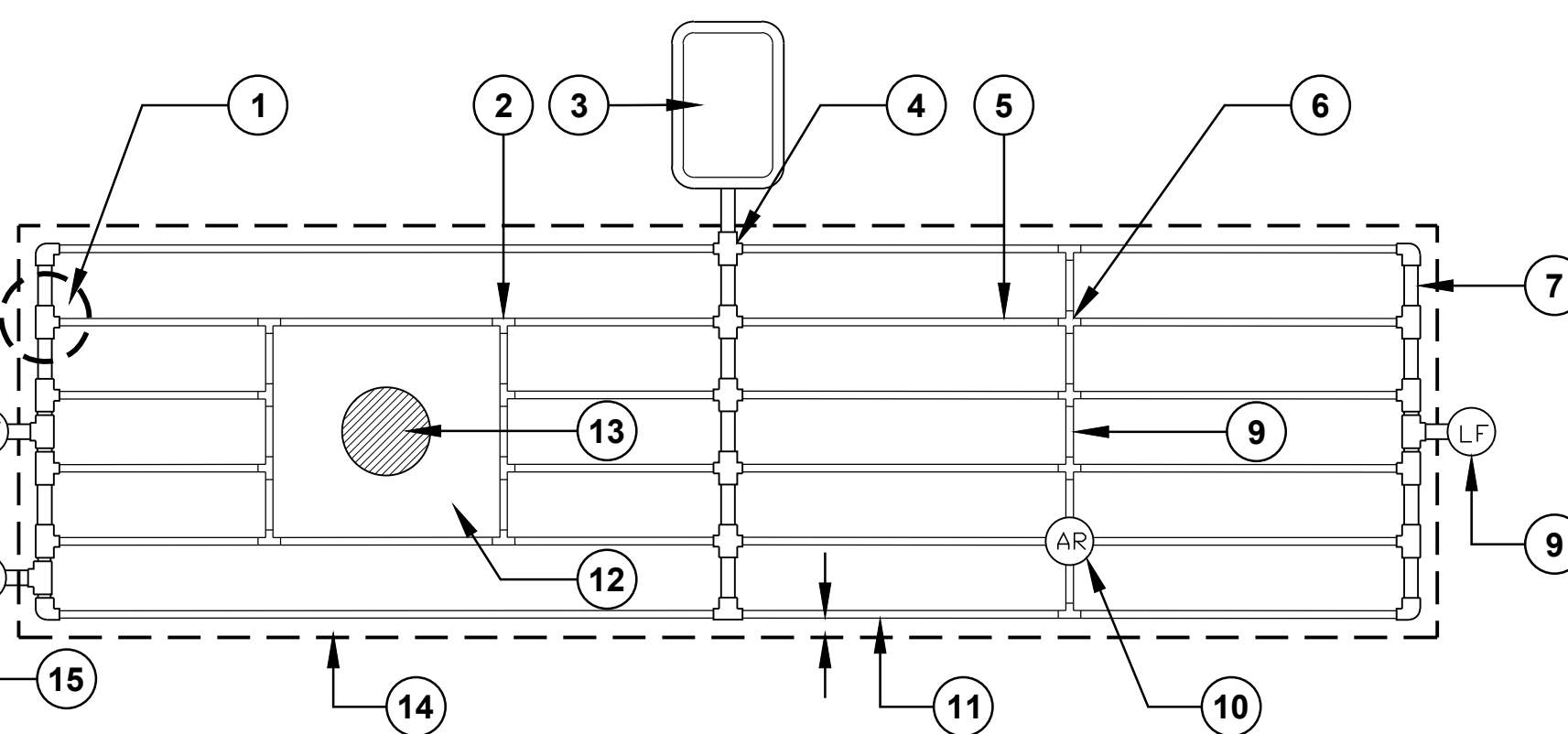
NOT TO SCALE



- DETAIL NOTES:**
- 1. FINISH GRADE (SHRUB/G.C.)
 - 2. LINE SIZE GATE VALVE
 - 3. 9"Ø VALVE BOX WITH COVER (ADD RISERS AS NECESSARY TO BRING COVER TO FINISH GRADE AS SPECIFIED IN #1 AND #4.)
 - 4. FINISH GRADE (TURF)
 - 5. PVC SCH. 80 MALE ADAPTER
 - 6. PVC MAINLINE (SIZED PER PLANS)
 - 7. 3/8" Ø WASHED PEA GRAVEL (6 INCHES MIN.)
 - 8. BRICK BASE (1 OF 2)

6 GATE VALVE

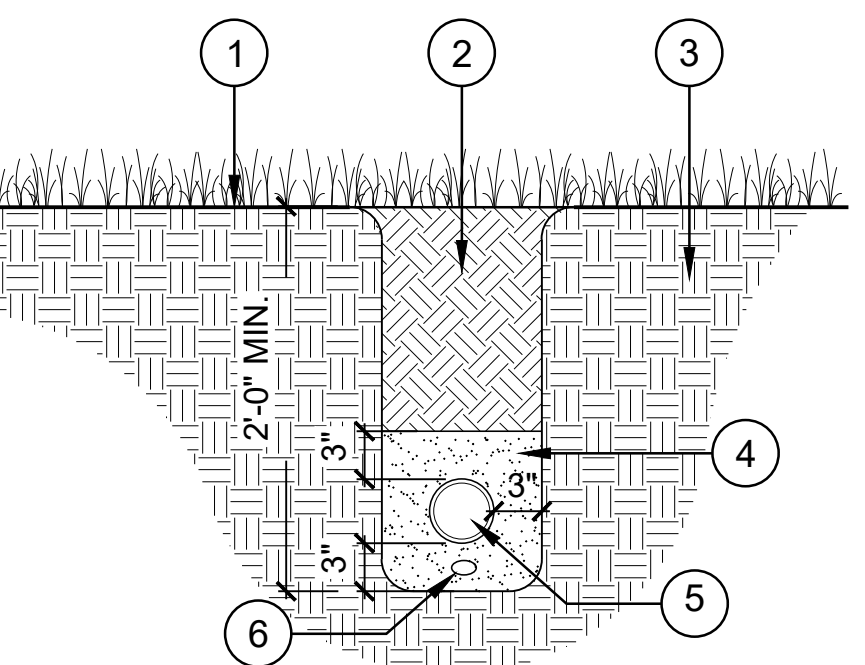
NOT TO SCALE



- DETAIL NOTES:**
- 1. START CONNECTION
 - 2. TEE CONNECTION
 - 3. REMOTE CONTROL VALVE WITH DISC FILTER AND PRV. SEE IRRIGATION PLAN FOR SIZE
 - 4. PVC SUPPLY LATERAL. SIZE AS NOTED ON PLANS
 - 5. DRIP TUBING LATERAL. *SEE IRRIGATION LEGEND*
 - 6. CROSS CONNECTION
 - 7. 1" PVC OR POLY EXHAUST HEADER
 - 8. LINE FLUSHING VALVE PLUMBED TO PVC OR POLY
 - 9. BLANK DRIP TUBING (@ 50' O.C.)
 - 10. AIR / VACUUM RELIEF VALVE, LOCATE AT HIGH POINT OF ZONE
 - 11. PERIMETER LATERALS 6" FROM HARD EDGE
 - 12. TREE OPENING IN DRIP LINE
 - 13. TREE/PALM. SEE PLANTING PLANS
 - 14. AREA PERIMETER
 - 15. ECO INDICATOR

2 REGULAR BED TUBING LAYOUT

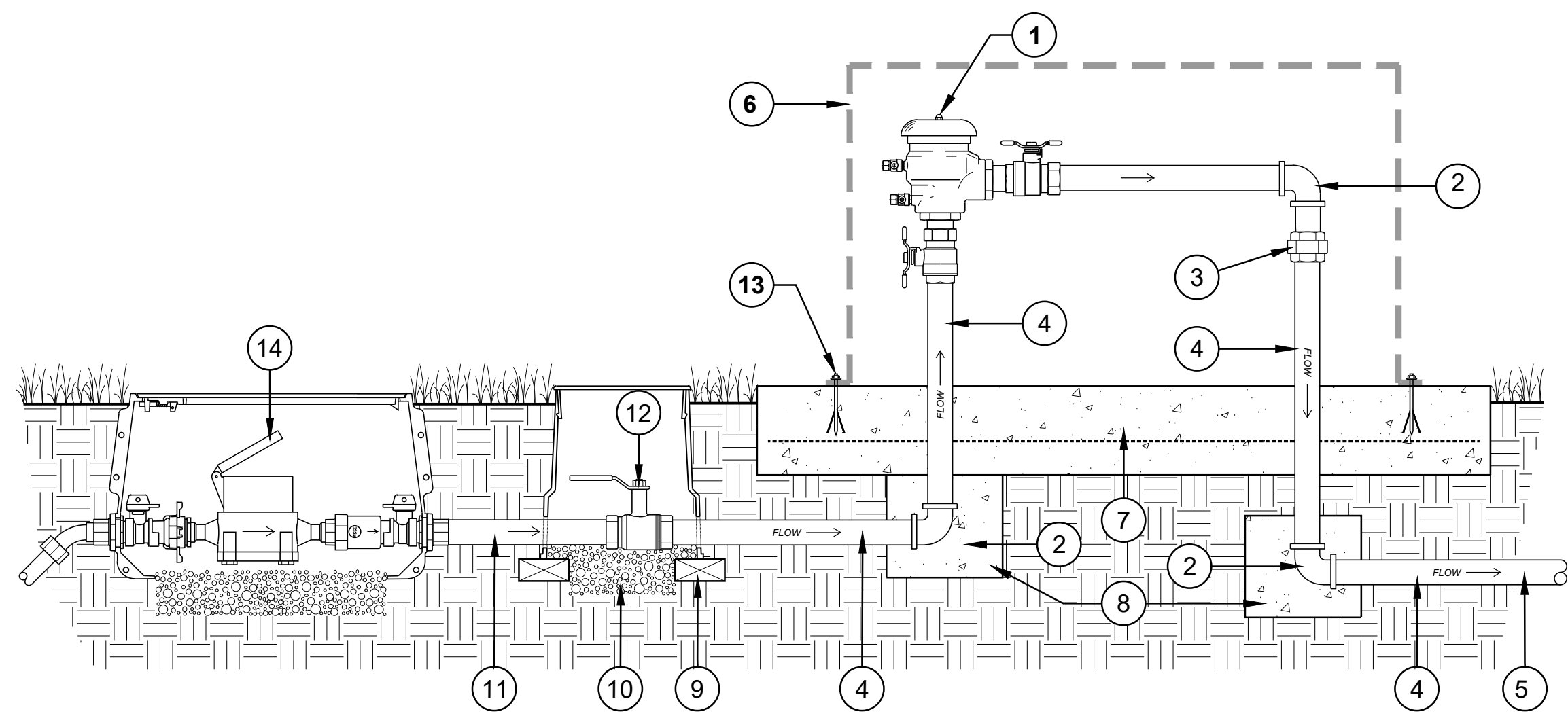
NOT TO SCALE



- DETAIL NOTES:**
- 1. FINISH GRADE
 - 2. TRENCH (BACKFILLED WITH COMPACTED NATIVE SOIL)
 - 3. UNDISTURBED SOIL
 - 4. WASHED BANK SAND
 - 5. IRRIGATION MAINLINE
 - 6. CONTROL WIRE(S) WITH 2" MINIMUM SEPARATION FROM MAINLINE AND TRENCH EDGES. (LOCATE BELOW MAINLINE FOR PROTECTION)

5 MAINLINE TRENCH

NOT TO SCALE

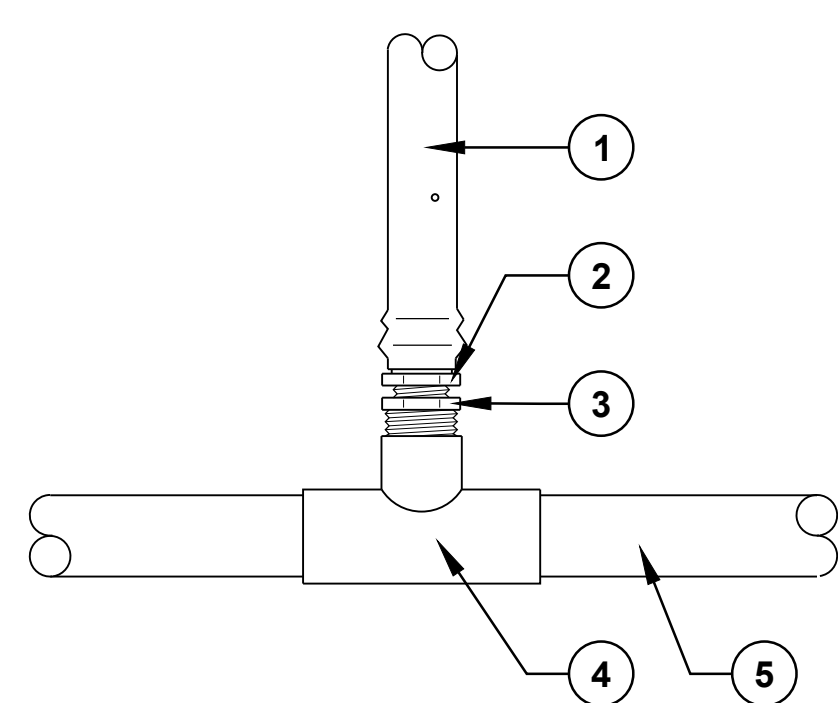


- DETAIL NOTES:**
- 1. PRESSURE VACUUM BREAKER ASSEMBLY
 - 2. COPPER 90° ELL
 - 3. BRASS UNION
 - 4. TYPE 'K' COPPER TUBING
 - 5. SCH 40 PVC IRRIGATION MAINLINE PIPE. (SIZED PER PLANS)
 - 6. BACKFLOW ASSEMBLY ENCLOSURE: *SEE DETAIL #8, THIS SHEET.*
 - 7. 6" THICK STEEL REINFORCED CONCRETE PAD, #3 REBAR @ 12" O.C. (EXTEND 6" MIN. BEYOND ENCLOSURE ON ALL SIDES)
 - 8. 1 CU. FT. CONCRETE THRUST BLOCK
 - 9. BRICK SUPPORTS (2 PER VALVE BOX)
 - 10. 8" DEEP PEA GRAVEL SUMP
 - 11. TYPE 'K' COPPER TUBING FROM WATER METER
 - 12. LINE SIZED ISOLATION (BALL) VALVE, PLACED IN VALVE BOX
 - 13. MASONRY ANCHOR (PER MANUFACTURER DIRECTION)
 - 14. WATER METER, SIZED PER PLANS. (INSTALLED PER CITY PLUMBING CODE)

8 BACKFLOW PREVENTION ASSEMBLY ENCLOSURE

NOT TO SCALE

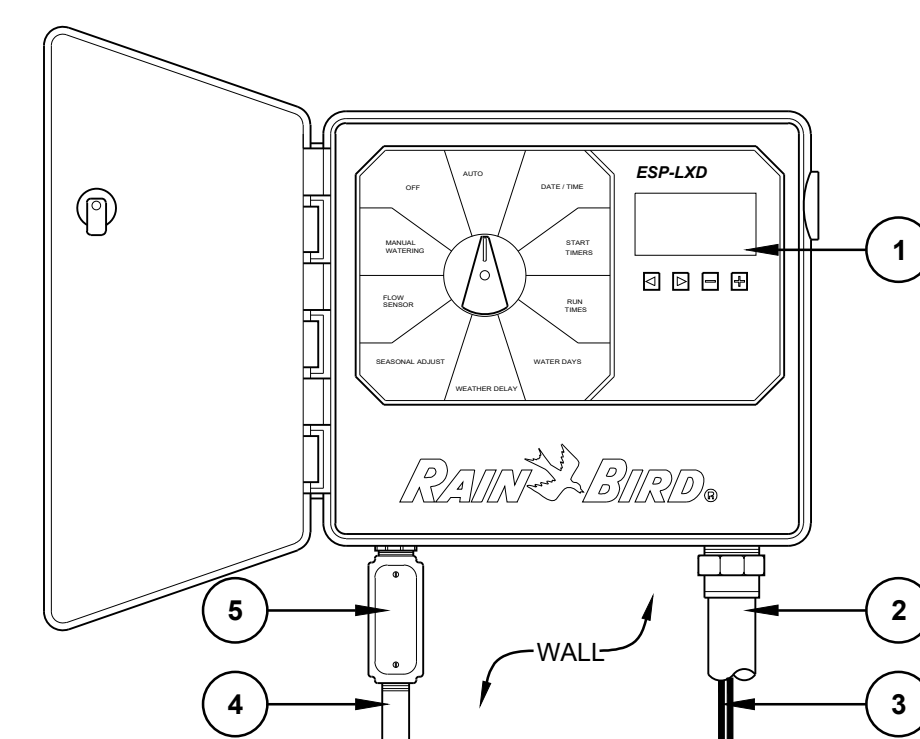
- DETAIL NOTES:**
- 1. DRIP EMMITTER TUBING
 - 2. 3/4" MALE ADAPTER
 - 3. 3/4" MALE X 1/2" FEMALE REDUCTION BUSHING
 - 4. PVC TEE (SXSXT)
 - 5. PVC LATERAL (OR EXHAUST HEADER)



4 DRIP TUBING CONNECTION

NOT TO SCALE

- DETAIL NOTES:**
- 1. RAIN BIRD ESP-LXD OUTSIDE WALL MOUNT CONTROLLER (SIZED PER PLAN & LEGEND)
 - 2. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS
 - 3. WIRES TO REMOTE CONTROL VALVES AND SENSOR
 - 4. 1/2" SCH40 PVC CONDUIT TO POWER SUPPLY
 - 5. JUNCTION BOX



NOTE:
CONTRACTOR TO PROVIDE AND/OR COORDINATE ALL ELECTRICAL CONNECTION REQUIREMENTS FOR THIS CONTROLLER UNDER THIS CONTRACT.

1 IRRIGATION CONTROLLER

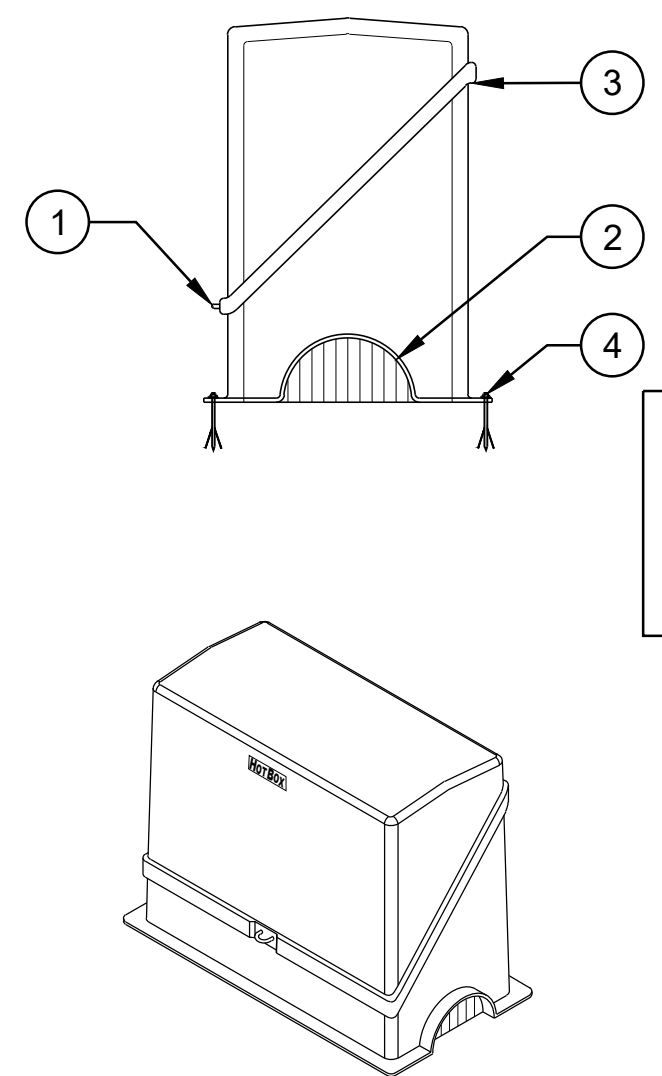
NOT TO SCALE

7 BACKFLOW PREVENTION ASSEMBLY

NOT TO SCALE

9 NOT USED

NOT TO SCALE



- DETAIL NOTES:**
- 1. LOCKING HASP
 - 2. DRAIN (1 CENTERED EACH END)
 - 3. CONTINUOUS HING LOCATION
 - 4. CONCRETE DRILL BIT AND ANCHORS PROVIDED BY MANUFACTURER

- NOTES:**
- A. FOUR INTERNAL BRACKETS AND CONCRETE ANCHORS ARE SUPPLIED WITH THE ENCLOSURE. (NOT SHOWN)
 - B. FOR RECOMMENDED SLAB SIZE ADD 12" TO THE ENCLOSURE INTERIOR.

MANUFACTURER
HUBBELL POWER SYSTEMS, INC.
WWW.HUBBELL.COM
210 N. ALLEN CENTRALIA, MO 65240 USA
PHONE: 573-682-5521
HOT BOX - LB4000
FLIP TOP - INSULATED - LOW PROFILE - UNHEATED COLOR: TAN

9 NOT USED

NOT TO SCALE