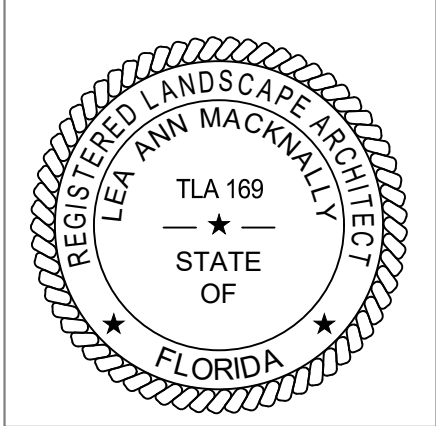


INDEX, NOTES, AND LEGEND OF LANDSCAPE DRAWINGS

GENERAL NOTES	GENERAL PLANTING NOTES	GENERAL IRRIGATION NOTES	ABBREVIATIONS
<div><div>1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.</div><div>2. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS, AND APPLICABLE REQUIREMENTS OF REGULATORY AGENCIES.</div><div>3. UNLESS OTHERWISE SPECIFIED, SPECIFIC REFERENCES TO CODES, REGULATIONS, STANDARDS, MANUFACTURERS' INSTRUCTIONS, OR REQUIREMENTS OF REGULATORY AGENCIES, WHEN USED TO SPECIFY REQUIREMENTS FOR MATERIALS OF DESIGN ELEMENTS SHALL MEAN THE LATEST EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BIDS, OR THE DATE OF THE CHANGE ORDER OF FIELDS ORDERS, AS APPLICABLE.</div><div>4. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO CONSTRUCT THE WORK INDICATED ON THE LANDSCAPE DRAWINGS IN ACCORDANCE WITH FLORIDA ACCESSIBILITY STANDARDS.</div><div>5. REPORT DISCREPANCIES IN DRAWINGS OR SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR CLARIFICATIONS AND ADJUSTMENTS BEFORE COMMENCING WORK. ANY DEVIATIONS OR CHANGES IN THESE DRAWINGS WITHOUT WRITTEN ACCEPTANCE OF THE LANDSCAPE ARCHITECT SHALL ABSOLVE THE LANDSCAPE ARCHITECT OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION AND CHANGE.</div><div>6. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.</div><div>7. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE LANDSCAPE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY AND AND COMPLETENESS OF THE INFORMATION SHOWN. THE EXACT LOCATION AND ELEVATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR.</div><div>8. OBTAIN ACCEPTANCE OF HORIZONTAL ALIGNMENT OF ELEMENTS IN THE FIELD FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.</div><div>9. PROTECT FROM DAMAGE EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, WATER, SEWER, DRAINAGE, TELEPHONE AND SERVICES THAT ARE TO REMAIN IN PLACE.</div><div>10. IF LIVE UTILITIES ARE ENCOUNTERED, NOT INDICATED PREVIOUSLY, PROTECT THE SAME FROM DAMAGE AND IMMEDIATELY NOTIFY THE GENERAL CONTRACTOR, LANDSCAPE ARCHITECT AND THE AFFECTED UTILITY PROVIDER. DO NOT PROCEED UNTIL FURTHER INSTRUCTIONS ARE RECEIVED.</div></div>	<div><div>1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.</div><div>2. CONTRACTOR SHALL VERIFY PLANT QUANTITIES FROM THE PLAN AND REPORT DIFFERENCES TO THE OWNER'S REPRESENTATIVE FOR ADJUSTMENTS. ALL TREES AND SPECIMEN PLANT MATERIAL SHALL BE LOCATED BY THE CONTRACTOR AT APPROVED NURSERIES OR THEIR EQUAL (SEE LIST) APPROVED PRIOR TO BIDDING. <u>SUBMIT A SOURCE LIST FOR PLANT MATERIAL WITH BID.</u></div><div>3. ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE OWNER'S REPRESENTATIVE AT THE JOB SITE.</div><div>4. CONTRACTOR SHALL LAYOUT ALL PLANT MATERIAL FOR REVIEW BY OWNER'S REPRESENTATIVES APPROVAL PRIOR TO PLANTING. A MINIMUM 48 HOURS NOTICE SHOULD BE GIVEN AND ANTICIPATED BY THE CONTRACTOR FOR THIS REVIEW.</div><div>5. THE CONTRACTOR SHALL PERFORM A SOIL TEST TO TEST FOR PH, ORGANIC MATTER, AND PARTICLE SIZE AS PER A & L LABORATORIES, 2790 WHITTEN ROAD, MEMPHIS, TN 38133 (901) 213-2400.</div><div>6. THE CONTRACTOR SHALL AMEND ALL PLANTING AREAS WITH 50% TOPSOIL, AS PREVIOUSLY STATED, AND 50% PREPARED ADDITIVES BY VOLUME AS FOLLOWS:<div>3 PARTS HUMUS (FOREST PEAT)<div>1 PART STERILIZED COW MANURE, COMMERCIAL FERTILIZER, AND LIME, AS RECOMMENDED IN SOIL ANALYSIS</div></div>COMPONENTS SHALL BE THOROUGHLY MIXED TO UNIFORM CONSISTENCY BY HAND OR MACHINE METHODS. PROPER DRAINAGE SHALL BE OBTAINED IN ALL AREAS. DO NOT BACK FILL HOLES WITH EXISTING SUB-GRADE.</div><div>7. PLANTS SHALL BE WELL FORMED, VIGOROUS, GROWING SPECIMENS WITH GROWTH TYPICAL OF VARIETIES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DISEASES. PLANTS SHALL EQUAL OR SURPASS QUALITY AS DEFINED IN THE CURRENT ISSUE OF NURSERY "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERYMEN, INC.</div><div>8. ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN UNLESS OTHERWISE SPECIFIED.</div><div>9. ALL PLANTING PITS SHALL BE DOUBLE THE SIZE OF THE ROOT BALL OR CONTAINER AND THE SOIL AMENDED.</div><div>10. PROVIDE A WATER PERCOLATION TEST FOR ALL TREE PITS. FILL EACH TREE PIT WITH WATER, IF THE WATER DOES NOT PERCOLATE OUT WITHIN 12 HOURS, PROVIDE TREE PIT DRAINAGE. AUGER A 12" DIAMETER HOLE 4'-0" DOWN AT THE BOTTOM OF TREE PIT AND FILL WITH CRUSHED STONE. TEST AGAIN FOR PROPER PERCOLATION. IF WATER IS NOT PERCOLATING PROVIDE DRAINAGE PIPE TO DAYLIGHT.</div><div>11. FRONT ROW OF SHRUBS SHALL BE PLANTED MINIMUM 12" + ½ O.C. SPACING BEHIND BED LINE @ LAWNS OR WALKS AND MINIMUM 36" BACK OF CURB @ PARKING SPACES</div><div>12. BACK ROW OF SHRUBS PLANTING SHALL BE PLANTED @ 36" OFF FACE OF BUILDING WALL, GROUND COVERS SHALL BE 12" OUT FROM BUILDING AS REQUIRED BY PLANT SPECIFICATIONS.</div><div>13. EXCAVATE EDGE OF ALL PLANTING BEDS TO 4" DEPTH TO FORM A NEAT CRISP DEFINITION.</div><div>14. ALL PLANTING BEDS AND TREE PITS SHALL BE MULCHED WITH A 3" SETTLED LAYER OF MULCH ON LEVEL AREAS AND PINE STRAW MULCH ON SLOPES.</div><div>15. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS, INCLUDING GRASS FOR ONE FULL YEAR FROM DATE OF INSTALLATION. PLANTS DESTROYED BY ACTS OF GOD ARE NOT INCLUDED IN THE GUARANTEE.</div><div>16. ALL TREE AND NURSERY TAGS ARE TO BE REMOVED FOLLOWING FINAL PUNCH LIST. ALL GUYING AND STAKING IS TO BE REMOVED AT END OF GUARANTEE PERIOD.</div><div>17. TOPSOIL: TOPSOIL SHALL BE FERTILE, FRIABLE, SANDY LOAM AND A NATURAL SURFACE SOIL OBTAINED FROM WELL AREAS REVIEWED BY LANDSCAPE ARCHITECT AND POSSESSING CHARACTERISTICS OF REPRESENTATIVE SOILS IN THE PROJECT VICINITY THAT PRODUCE HEAVY GROWTHS OF CROPS, GRASS OR OTHER VEGETATION.</div><div>18. TOPSOIL SHALL BE FREE OF SUBSOIL, BRUSH, ORGANIC LITTER, OR OBJECTIONABLE WEEDS, CLAY, CLOTS, STUMPS, STONES, ROOTS OR OTHER MATERIAL HARMFUL TO PLANT GROWTH, SHOULD REGENERATIVE MATERIALS BE PRESENT IN THE SOIL. CONTRACTOR SHALL ERADICATE AND REMOVE SUCH GROWTH, BOTH SURFACE AND ROOT, WHICH MAY APPEAR IN THE IMPORTED MATERIAL WITHIN ONE YEAR FOLLOWING ACCEPTANCE OF THE WORK. TOPSOIL SHALL CONSIST OF 1/3 EXISTING SOIL, 1/3 ORGANIC AMENDMENTS, 1/3 SAND. (SEE SPECIFICATIONS).</div><div>19. TOPSOIL SHALL NOT BE HANDLED IN A FROZEN MUDDY CONDITION. THE ACIDITY RANGE SHALL BE BETWEEN 5. AND 7. INCLUSIVE. THE MECHANICAL ANALYSIS OF THE SOIL SHALL BE AS FOLLOWS:<div><div>SIEVE SIZE</div><div>PERCENT PASSING</div><div>1 INCH MESH</div><div>99-100 PERCENT</div><div>½ INCH MESH</div><div>97-99 PERCENT</div><div>NO. 100 MESH</div><div>40-60 PERCENT</div><div>NO. 200 MESH</div><div>20-40 PERCENT</div></div></div><div>20. STOCKPILE MATERIAL THAT DOES NOT MEET THE REQUIREMENTS MAY, AT THE OPTION OF THE CONTRACTOR, BE IMPROVED BY SCREENING AND THE ADDITION OF ORGANIC MATTER AND CHEMICAL ADMIXTURES.</div><div>21. DURING PROJECT CONSTRUCTION, ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION SHOULD BE MAINTAINED. IN THE EVENT THAT CONSTRUCTION OF THE PROJECT IS HALTED, PROVISIONS SHOULD BE MADE BY THE CONTRACTOR TO PROVIDE CONTINUED MAINTENANCE FOR THE PROJECT.</div><div>22. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO: FERTILIZING, PRUNING, MULCHING, MOWING, PULLING OF MIMOSA, PRIVET SEEDLINGS, WEEDS, KUDZU, AND OTHER INVASIVE, NOXIOUS PLANT MATERIALS.</div><div>23. PROJECT SITE IS TO BE KEPT CLEAN OF DEBRIS AND CONSTRUCTION MATERIALS.</div><div>24. MAINTAIN ALL LANDSCAPE WORK UNTIL MIN. 30 DAYS BEYOND TIME OF SUBSTANTIAL COMPLETION GIVEN BY THE OWNER.</div><div>25. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF APPROPRIATENESS OF THE INSTALLATION PROCEDURES UNDERTAKEN BY ANY CONTRACTOR AND NOT RESPONSIBLE FOR THE JOB SAFETY. WE ARE NOT RESPONSIBLE FOR THE LOCATION OF ANY UTILITIES.</div><div>26. CONTRACTOR IS TO GUARANTEE ALL WORK IS FREE FROM FAULTY MATERIALS AND IMPROPER WORKMANSHIP AND GUARANTEE AGAINST INJURY FROM PROPER AND USUAL WEAR. THE CONTRACTOR AGREES TO REPLACE OR RE-EXECUTE, WITH NO COST TO THE OWNER, SUCH WORK AS MAY BE FOUND TO BE IMPROPER OR IMPERFECT AND TO MAKE GOOD ALL DAMAGES AND COST OF THE WORK OR MATERIALS DUE TO SUCH REPLACEMENTS OR RE-EXECUTION.</div><div>27. THIS GUARANTEE COVERS A PERIOD OF ONE-YEAR BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. AT THE CLOSING OF THE PERIOD, THE PLANT MATERIAL SHOULD BE HEALTHY AND THRIVING.</div><div>28. TOPSOIL:<div><div>• 12" DEPTH AT ALL PLANTING BEDS</div><div>• 4" DEPTH TOPSOIL IN ALL SEED/SOD AREAS.</div></div></div><div>29. MULCH: PINESTRAW MULCH TO BE USED IN ALL PLANTING BEDS AND TO RESTORE DISTURBED AREAS NOTED TO BE SEEDED.</div></div>	<div><div>1. ALL MAINLINES TO HAVE A MINIMUM OF 18" OF COVER. (CLASS 200 PVC PIPE, CLASS 200 PVC FOR 4" AND LARGER).</div><div>2. ALL LATERAL AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" OF COVER. (CLASS 200 PVC PIPE).</div><div>3. NO ROCKS, BOULDER, OR OTHER EXTRANEOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCH.</div><div>4. ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.</div><div>5. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.</div><div>6. ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.</div><div>7. SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS.</div><div>8. ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS AS SHOWN ON DETAILS.</div><div>9. ALL EQUIPMENT NOT SPECIFIED IN THE LEGEND SHALL BE DETERMINED AND FURNISHED BY THE CONTRACTOR.</div><div>10. NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS.</div><div>11. ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PRECEEDING WITH THE WORK.</div><div>12. ALL TWO-WIRE CONTROL WIRES SHALL BE #14-2 MAXI CABLE, INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.</div><div>13. CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED. I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING OR PROPOSED SITE FEATURES.</div><div>14. CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.e. VERIFY ROOT BALL SIZE FOR PLANTING.</div><div>15. CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 12 TIMES).</div><div>16. CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.</div><div>17. ALL SPRINKLERS TO BE INSTALLED AS DETAILED ON PLANS.</div><div>18. CONTRACTOR SHALL UTILIZE VALVE I.D. TAGS ON ALL REMOTE CONTROL VALVES.</div><div>19. 24 VOLT WIRE SHALL BE COLOR CODED PER SEPARATE WIRE RUNS.</div><div>20. CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDED GROUNDING EQUIPMENT FOR POWER SUPPLY AND VALVE OUTPUT WITH PAIGE WIRE GROUND PLATE ASSEMBLY.</div><div>21. CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDATION ON FAULT GROUND AND LIGHTNING PROTECTION.</div><div>22. CONTROLLER GROUNDING MUST BE AS PER RAIN BIRD WIRE GROUNDING REQUIREMENTS.</div><div>23. ALL MATERIAL TO BE SUPPLIED BY CONTRACTOR TO OWNER:<div><div>A. TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER HEADS AND VALVE SUPPLIED.</div><div>B. TWO KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS.</div><div>C. TWO QUICK COUPLER KEYS WITH MATCHING HOSE SWIVELS.</div></div></div><div>24. SYSTEM IS DIAGRAMMATIC TO IMPROVE CLARITY. ALL MAINLINE PIPING ELECTRIC VALVES AND WIRING ARE TO BE INSTALLED IN LANDSCAPE AREAS AND WITHIN PROPERTY BOUNDARIES. CONTRACTOR SHALL REFERENCE THE LANDSCAPE PLAN PRIOR TO THE INSTALLATION OF PIPING TO AVOID CONTACT WITH PLANT MATERIALS EXISTING OR NEW.</div><div>25. CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.</div><div>26. CONTRACTOR SHALL INSTALL SPRINKLER EQUIPMENT 12" FROM FOUNDATIONS. ALSO INSTALL SPRINKLERS 4" FROM CURB OR WALKS.</div><div>27. PRIOR TO BID IRRIGATION CONTRACTOR SHALL VERIFY RIGHT-OF-WAY AND BACKFLOW REQUIREMENTS. NO LATER THAN FIVE DAYS BEFORE BID CONTRACTOR SHALL NOTIFY CONSULTANT OF ANY CHANGES FROM PLANS AND SPECIFICATIONS.</div><div>28. IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER AND LANDSCAPE ARCHITECT WITH A REPRODUCIBLE CROSS MEASURED AS-BUILT DRAWING OF THE INSTALLED IRRIGATION SYSTEM IN AUTOCAD 2013 FORMAT BEFORE FINAL ACCEPTANCE.</div><div>29. A 1-YEAR WARRANTY PERIOD SHALL BE PROVIDED FOR SYSTEM AFTER SUBSTANTIAL COMPLETION IS ACCEPTED. START UP AND ADJUSTING OF SYSTEM IN SPRING TIME SHALL BE INCLUDED IN WARRANTY.</div><div>30. PRIOR TO BID, CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, INSTALLATION PARAMETERS AND OPERATIONS CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. NO LATER THAN FIVE DAYS BEFORE BID SUBMITTALS CONTRACTOR SHALL NOTIFY IRRIGATION CONSULTANT/DESIGNER OF ANY CHANGES REQUIRED DUE TO CURRENT CODE OR ORDINANCE DISCREPANCIES. IF CONTRACTOR DOES NOT COMPLY TO THIS NOTIFICATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY INSTALLATION CHANGE AND REDESIGN COSTS FOR NON-COMPLIANCE.</div><div>31. UNLESS OTHERWISE NOTED, THE CONTRACTOR MUST COMPLETE 2 PRESSURE TESTS OF THE IRRIGATION SYSTEM MAINLINE (BOTH TO SHOW NO DROP IN PRESSURE DURING DURATION OF TEST.<div><div>A. 2-HOUR PRESSURE TEST AT 1.5 TIMES THE SYSTEM STATIC PRESSURE</div><div>B. 24-HOUR PRESSURE TEST AT THE SYSTEM STATIC PRESSURE</div></div></div><div>32. IRRIGATION INSTALLATION CONTRACTOR SHALL PROVIDE OWNER WITH A COLOR-CODED ZONES DIAGRAM PLAN, 8-1/2"X11" LAMINATED SHEET(S), TO IDENTIFY CONTROLLER STATION TO THE CONTROL VALVE NUMBER FOR EACH CONTROLLER. TO BE LOCATED IN ADHESIVE POUCH ATTACHED INSIDE OF CONTROLLER(S).</div></div>	<div><div><div>@ ARCH AT</div><div>B&B ARCHITECT</div><div>BOC BALL AND BURLAP</div><div>BLDG BACK OF CURB</div><div>BW BUILDING</div><div>CAL BOTTOM OF WALL</div><div>CL CALIPER</div><div>CL CENTER LINE</div><div>CLR CLEARANCE</div><div>CMU CONCRETE MASONRY UNIT</div><div>CONC CONCRETE</div><div>CONT CONTINUOUS</div><div>DIA DIAMETER</div><div>DWGS DRAWINGS</div><div>EA EACH</div><div>EL ELEVATION</div><div>EQ EQUAL</div><div>EX EXISTING</div><div>FFE FINISH FLOOR ELEVATION</div><div>FOCO FACE OF COLUMN</div><div>FOW FACE OF WALL</div><div>GAL GALLON</div><div>MAX MAXIMUM</div><div>MFR MANUFACTURER</div><div>MIN MINIMUM</div><div>NIC NOT IN CONTRACT</div><div>NTS NOT TO SCALE</div><div>OC ON CENTER</div><div>R RADIUS</div><div>ROW RIGHT OF WAY</div><div>SIM SIMILAR</div><div>TOW TOP OF WALL</div><div>TYP TYPICAL</div></div></div> <div><div>GENERAL-ALL SHEETS</div><div><div><div><div><div></div></div><div>CENTERLINE</div></div><div><div><div></div></div><div>ENLARGED PLAN AREA</div></div><div><div><div></div></div><div>MATCHLINE</div></div><div><div><div></div></div><div>PROPERTY LINE</div></div><div><div><div></div></div><div>SECTION/ ELEVATION KEY</div></div><div><div><div><div>5</div><div>12.06</div></div><div>DETAIL NUMBER</div><div>SHEET NUMBER</div></div><div><div><div></div></div><div>ALIGN</div></div><div><div><div></div></div><div>BREAK LINE</div></div><div><div><div></div></div><div>DIMENSION</div></div><div><div><div></div></div><div>RADIUS</div></div><div><div><div></div></div><div>COORDINATE POINT</div></div><div><div><div></div></div><div>SPOT ELEVATION</div></div></div></div></div></div>
<div><div>GENERAL MATERIAL AND LAYOUT NOTES</div><div><div>1. CONTRACTOR MAY USE GLOBAL POSITIONING SYSTEM (GPS) FOR LAYOUT OF HARDSCAPE. AN AUTO CAD FILE OF PROPOSED IMPROVEMENTS BASED ON THE STATE COORDINATE SYSTEM CAN BE PROVIDED BY LANDSCAPE ARCHITECT UPON REQUEST BY CONTRACTOR.</div><div>2. ALL DIMENSIONS AND DEGREES ARE APPROXIMATE AND SUBJECT TO CHANGE WITH THE OWNER'S REPRESENTATIVE'S APPROVAL. ALL ANGLES ARE 90 DEGREES UNLESS NOTED OTHERWISE.</div><div>3. ALL HARDSCAPE ELEMENTS ARE TO BE STAKED IN THE FIELD BY CONTRACTOR FOR APPROVAL BY THE OWNER'S REPRESENTATIVE. CONTRACTOR IS REQUIRED TO NOTIFY THE OWNER'S REPRESENTATIVE FOR APPROVAL A MINIMUM OF 48 PRIOR TO CONSTRUCTION.</div><div>4. THE CONTRACTOR WILL NOT MAKE CHANGES IN THE FIELD WITHOUT NOTIFYING THE OWNER'S REPRESENTATIVE.</div><div>5. IF THE CONTRACTOR SHOULD FIND ANY DISCREPANCIES, HE SHOULD NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.</div><div>6. THE CONTRACTOR WILL LOCATE ANY UTILITIES IN THE FIELD AND BE RESPONSIBLE FOR ANY DAMAGE DONE TO THEM OR ANY OTHER EXISTING STRUCTURES ON THE SITE.</div><div>7. THE CONTRACTOR IS RESPONSIBLE FOR SHOOTING GRADES TO ESTABLISH PROPER ELEVATIONS AS WELL AS CALCULATING FILL MATERIAL NEEDED.</div><div>8. POSITIVE DRAINAGE OFF OF ALL PAVED AREAS IS TO BE ACHIEVED.</div><div>9. ALL AREAS AROUND STRUCTURES TO BE GRADED IN SUCH A MANNER AS TO CREATE A SMOOTH GRADE WITH POSITIVE DRAINAGE AWAY FROM STRUCTURES.</div><div>10. REFERENCE STRUCTURAL DRAWINGS FOR ALL REINFORCING AND FOOTING REQUIREMENTS</div><div>11. ELEVATION CHANGE FROM WALK SURFACE TO ADJACENT FINISH GRADE MUST NOT EXCEED 1/4" IN ANY LOCATION.</div><div>12. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING GRADES TO MINIMIZE DISTURBANCE AND MEET ALL ACCESSIBILITY REQUIREMENTS.</div></div></div> <div><div>TREE PROTECTION NOTES</div><div><div>1. TREE PROTECTION FENCE SHOWN IS APPROXIMATE. ACTUAL LOCATION SHOULD BE VERIFIED IN THE FIELD WITH LANDSCAPE ARCHITECT. FENCE SHOULD BE LOCATED OUTSIDE OF DRILINE OF ALL PROTECTED TREES.</div><div>2. TREES TO BE REMOVED SHOULD BE TAGGED FOR APPROVAL BY LANDSCAPE ARCHITECT <u>PRIOR</u> TO REMOVAL.</div><div>3. TREE PROTECTION FENCE SHOULD CONSIST OF 2" X 4" X 5' HT. POSTS @ 6' O.C. W/ ORANGE COPOLYMER BARRIER FENCE FASTENED TO POSTS.</div><div>4. PRIOR TO THE START OF CLEARING, ALL AREAS INDICATED TO HAVE TREES SAVED AND PROTECTED ARE TO BE TREATED WITH AN APPLICATION OF LINDANE. APPLY AS PER THE MANUFACTURERS RECOMMENDED DIRECTIONS AND RATES FOR PREVENTION OF PINE BEETLE ATTACK.</div><div>5. APPLY COMMERCIAL GRADE GRANULAR 10-10-10 FERTILIZER AT RATE OF 5 POUNDS NITROGEN PER 1000 SQUARE FEET TO ALL AREAS WITH TREES TO BE SAVED.</div><div>6. ENGAGE A QUALIFIED TREE SURGEON TO REMOVE BRANCHES FROM TREES WHICH ARE TO REMAIN. IF REQUIRED TO CLEAR FOR NEW CONSTRUCTION, WHERE DIRECTED BY LANDSCAPE ARCHITECT, EXTEND PRUNING OPERATIONS TO RESTORE NATUAL SHAPE OF ENTIRE TREE.</div><div>7. WHERE TRENCHING FOR UTILITIES IS REQUIRED WITHIN DRIP LINE, HAND DIG UNDER OR AROUND ROOTS. CUT NO LATERAL ROOTS OR TAP ROOTS. ONLY CUT SMALLER ROOTS WHICH INTERFERE WITH NEW CONSTRUCTION. WHEN CUTTING MAKE ALL CUTS CLEANLY AT 90 DEGREES.</div><div>8. WHERE EXCAVATING FOR NEW CONSTRUCTION IS REQUIRED WITHIN DRIP LINE OF TREES, HAND EXCAVATE TO MINIMIZE DAMAGE TO ROOT SYSTEMS AND PROVIDE SHEETING AT EXCAVATIONS IF REQUIRED. IF ENCOUNTERED IMMEDIATELY ADJACENT TO LOCATION OF NEW CONSTRUCTION AND RELOCATION IS NOT PRACTICAL, CUT ROOTS APPROXIMATELY 3" BACK FROM NEW CONSTRUCTION.</div><div>9. ALLOW NO EXPOSED ROOTS TO DRY OUT BEFORE PERMANENT BACKFILL IS PLACED; PROVIDE TEMPORARY EARTH COVER, OR PACK WITH PEAT MOSS AND WRAP WITH BURLAP. WATER AND MAINTAIN IN MOIST CONDITION AND TEMPORARILY SUPPORT AND PROTECT FROM DAMAGE UNTIL PERMANENTLY RELOCATED AND COVERED WITH BACKFILL.</div><div>10. PRUNE BRANCHES IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO BALANCE LOSS TO ROOT SYSTEM CAUSED BY DAMAGE OF CUTTING OF ROOT SYSTEM. ENGAGE QUALIFIED TREE SURGEON TO PRUNE BRANCHES.</div><div>11. EXISTING GRADES: MAINTAIN EXISTING GRADE WITHIN DRIP LINE OF TREES, UNLESS OTHERWISE INDICATED.</div><div>12. LOWERING GRADES: WHERE EXISTING GRADE IS ABOVE NEW FINISH GRADE SHOWN AROUND TREES, CAREFULLY HAND EXCAVATE WITHIN DRIP LINE TO NEW FINISH GRADE. CUT ROOTS EXPOSED BY EXCAVATION OR PROVIDE PERMANENT PROTECTION AS RECOMMENDED BY TREE SURGEON.</div><div>13. RAISING GRADES:<div><div>A. MINOR FILL: WHERE EXISTING GRAD IS 6" OR LESS BELOW ELEVATION OF FINISH GRADE SHOWN. USE A TOPSOIL FILL MIXTURE. PLACE A SINGLE LAYER AND DO NOT COMPACT. HAND GRADE TO REQUIRED FINISH ELEVATIONS.</div><div>B. MODERATE FILLS: WHERE EXISTING GRADE IS MORE THATN 6" BUT LESS THAN 12" BELOW FINISH GRADE ELEVATIONS. PLACE A LAYER OF DRAINAGE FILL ON EXISTING GRADE PRIOR TO PLACING TOPSOIL CAREFULLY AGAINST TRUNK OF TREE.</div></div></div></div></div>			



CCR ARCHITECTURE & INTERIORS

MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

JOB NUMBER:
21109

DATE:
05/18/2023

PRINTED / REVISIONS
DESCRIPTION DATE

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
L0-0

MacknallyLandDesign



MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

DATE:
05/18/2023

SHEET TITLE:

SITE IRRIGATION
PLAN - NORTH

L1-0

*IRRIGATION SYSTEM SHALL BE RAINBIRD OR EQUAL. SEE SPECIFICATIONS.

2" SITE IRRIGATION CONNECTION. SYSTEM REQUIRES 50 GPM @ 65 PSI. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE SYSTEM REQUIREMENTS AT SITE BEFORE STARTING CONSTRUCTION.

MANUAL DRAIN VALVE. SCH 80 PVC TRUE UNION BALL VALVE

REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER.
NOTE: 120 VAC POWER IS REQUIRED AT BACKFLOW
PREVENTER LOCATION. REFERENCE CIVIL.

WINTERIZATION ASSEMBLY.

RAIN BIRD ESP-LXD CONTROLLER. 75 STATION, 2-WIRE/DECODER BASED MODULAR CONTROLLER, FOUR PROGRAMS, PLASTIC, PEDESTAL MOUNTED. IRRIGATION CONTRACTOR SHALL ALSO INSTALL A WIRELESS RAIN/FREEZE SENSOR FOR CONTROLLER.

RAIN BIRD LSP-1 TWO-WIRE SURGE ARRESTOR. INSTALLED A MINIMUM OF EVERY 300' OR EVER 6 DECODERS, WHICHEVER IS SHORTER.

RAIN BIRD 150-PEB OR 200-PEB PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1-1/2" OR 2" SIZE, MOUNTED WITH BRASS FULL PORT BALL VALVE, WITH RAIN BIRD SINGLE STATION DECODER (FD-101TURF) OR RAIN BIRD 100-PEB PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1" SIZE, MOUNTED WITH BRASS FULL PORT BALL VALVE, WITH RAIN BIRD SINGLE STATION DECODER (FD-101TURF). SEE PLAN FOR SIZES.

IRRIGATION MASTER VALVE. RAIN BIRD 200-EFB-CP-PRS. TO BE WIRED TO MASTER VALVE CIRCUIT ON CONTROLLER.

POINT OF CONNECTION - DRIP LINE TUBING TO PVC PIPE.















RAIN BIRD DRIP ZONE ASSEMBLY KIT, MODEL
#XCZ-100-PRB-COM . 1" SIZE, INSTALLED WITH RAIN BIRD
SINGLE STATION DECODER (FD-101TURF)

DRIP TUBING: RAIN BIRD XFS DRIPLINE DRIP TUBING, .6 GPH, 12" CENTERS, STAKED EVERY TURN OR EVERY 4', INSTALL NETAFIM AIR RELIEF VALVE KIT IN 10" CIRCULAR VALVE BOX AT HIGH POINT OF EACH ZONE AND INSTALL NETAFIM DRIP DRAIN VALVE(S) IN 10" CIRCULAR VALVE BOX AT LOW POINT(S) OF EACH ZONE.

DRIP EMMITTER AT TREES. RAINBIRD PRESSURE
COMPENSATING MODULE; PC - 05, 2 EMITTERS PER TREE.

30.5	GALLONS PER MINUTE
10	STATION NUMBER
1-1/2"	VALVE SIZE

1. ALL VALVES & VALVE BOXES SHALL BE SET IN PLANTED AREAS. SHOWN IN HARDSCAPE FOR GRAPHIC CLARITY ONLY.
2. UNLESS INDICATED VIA, ALL MAINLINES AND LATERAL LINES ARE SHOWN IN HARDSCAPE FOR CLARITY ONLY.

- | | | |
|---|---|--|
|  |  | RAINBIRD 5000 MPR ROTOR: 35" RADIUS, FULL - 6.62 GPM, HALF - 3.33 GPM, QUARTER - 1.67 GPM, 30 PSI. |
|  |  | RAINBIRD 5000 MPR ROTOR: 25" RADIUS, FULL - 3.06 GPM, HALF - 1.59 GPM, QUARTER - 0.81 GPM, 30 PSI. |
|  |  | RAINBIRD 1800 15 SERIES MPR: 15" RADIUS, FULL - 3.70 GPM, HALF - 1.85 GPM, QUARTER - 0.92 GPM, 30 PSI. |
|  |  | RAINBIRD 1800 10 SERIES MPR: 10" RADIUS, FULL - 1.58 GPM, HALF - 0.79 GPM, QUARTER - 0.39 GPM, 30 PSI. |
|  |  | RAINBIRD 1800 8 SERIES MPR: 8" RADIUS, FULL - 1.00 GPM, HALF - 0.50 GPM, QUARTER - 0.25 GPM, 30 PSI. |
|  |  | RAINBIRD 1800 5 SERIES MPR: 5" RADIUS, FULL - 0.41 GPM, HALF - 0.20 GPM, QUARTER - 0.10 GPM, 30 PSI. |
|  |  | RAINBIRD E15-EST/STP STRIP SERIES MPR: 18" HI-POP SHRUB END & SIDE STRIP SPRAY SPRINKLER, 4' X 15' / 4' X 30' RADIUS, 0.61 / 1.21 GPM, 30 PSI. |

✂ SCH 80 PVC TRUE UNION BALL VALVE, SIZED SAME AS MAINLINE,
MOUNTED IN VALVE BOX.

NOTE:
CONTRACTOR SHALL INSTALL RAIN BIRD DRIP OPERATION
INDICATOR KIT AT ENDS OF EACH DRIP ZONE AREA.

MAINLINE PIPE: 1 1/2" SIZE IF NOT NOTED. SCH 40 PVC SOLVENT WELD PIPE UTILIZING SCH 40 PVC SOLVENT WELD FITTINGS.

LATERAL LINE PIPE: SCH 40 PVC SOLVENT WELD PIPE UTILIZING SCH 40 PVC SOLVENT WELD FITTINGS, SIZE NOTED.

■ || ■ || ■ SLEEVING: SCH 40 PVC. ALL SLEEVES TO BE 4".

NOTES:

1. ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
2. CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE
WHERE LOW HEAD DRAINAGE MAY OCCUR.
3. ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE
4. ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
5. ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
6. ALL WIRE SPLICES TO BE MADE WITH MD BRM/4 CONNECTORS MOUNTED IN A MINIMUM OF 10" VALVE BOX
7. ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN SCH 40 PVC PIPE SLEEVE
8. LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS. (STAR CONFIGURATION)
9. INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).
10. ALL VALVE BOXES HAVE BLACK COVERS.
11. IRRIGATION COMPONENTS ARE SHOWN OUTSIDE OF PLANTED AREAS FOR VISUAL CLARITY ONLY. ALL PIPING THROUGH PAVING IS DENOTED WITH SLEEVING.

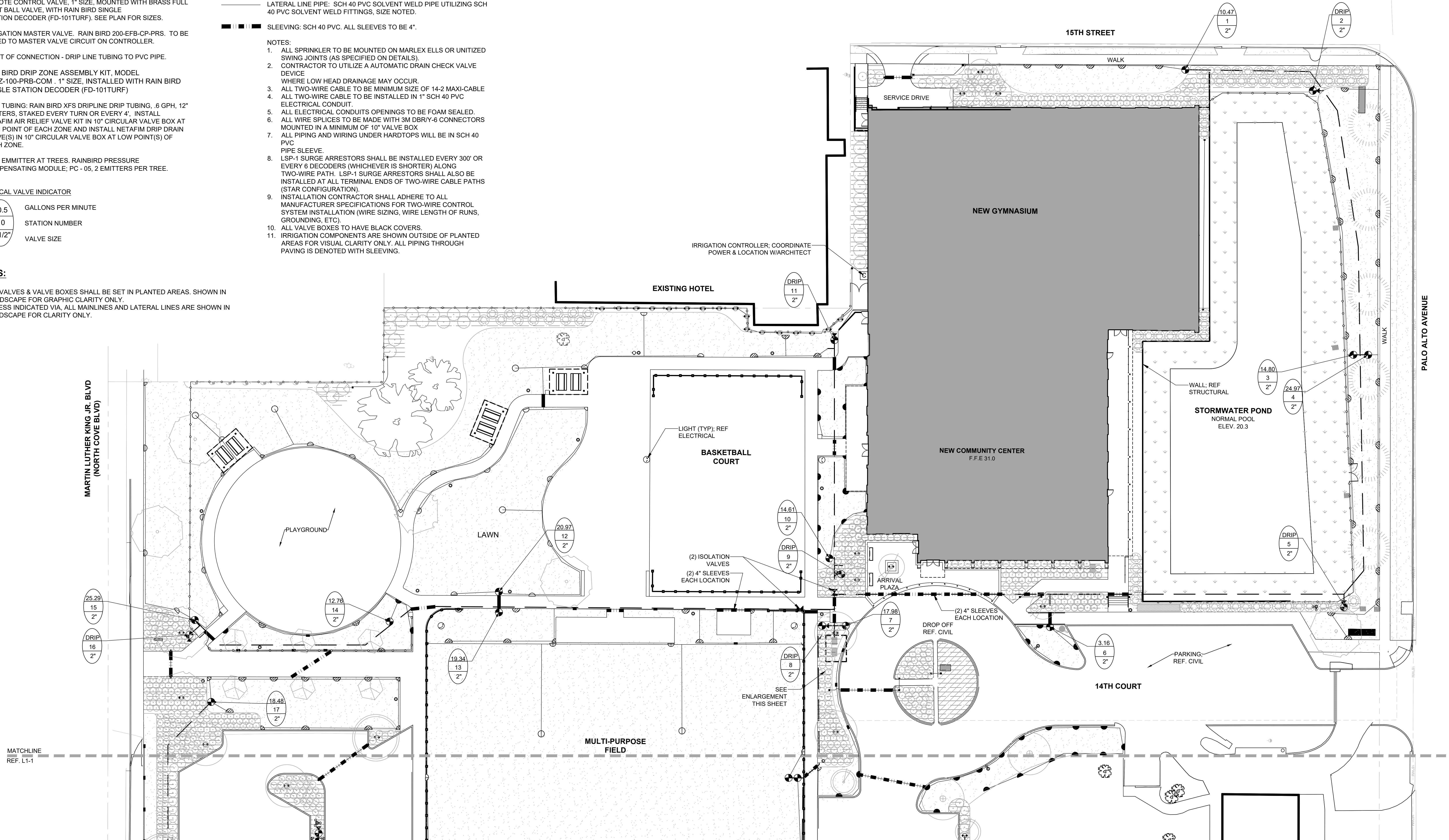
BACK FLOW PREVENTOR; REF. CIVIL

MASTER VALVE

WINTERIZATION ASSEMBLY

MANUAL DRAIN VALVE

SCALE: N.T.S



01 SITE PLANTING PLAN - NORTH

SCALE: 1"=20'-0"

MacknallyLandDesign

2920 FIRST AVENUE SOUTH BIRMINGHAM, ALABAMA 35233 CCRARCHITECTURE.COM 205-324-8864

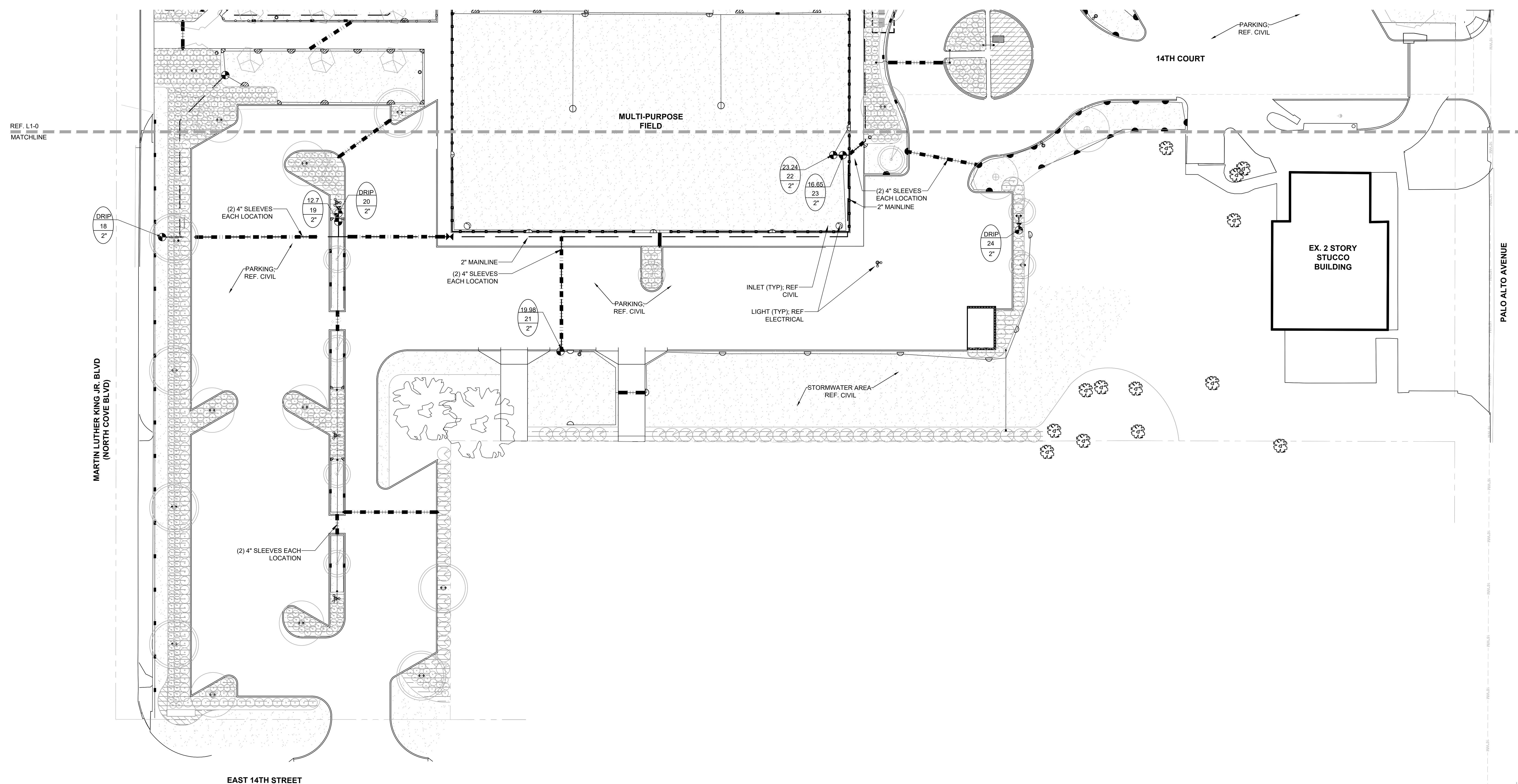


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SHEET NUMBER:

L1-1

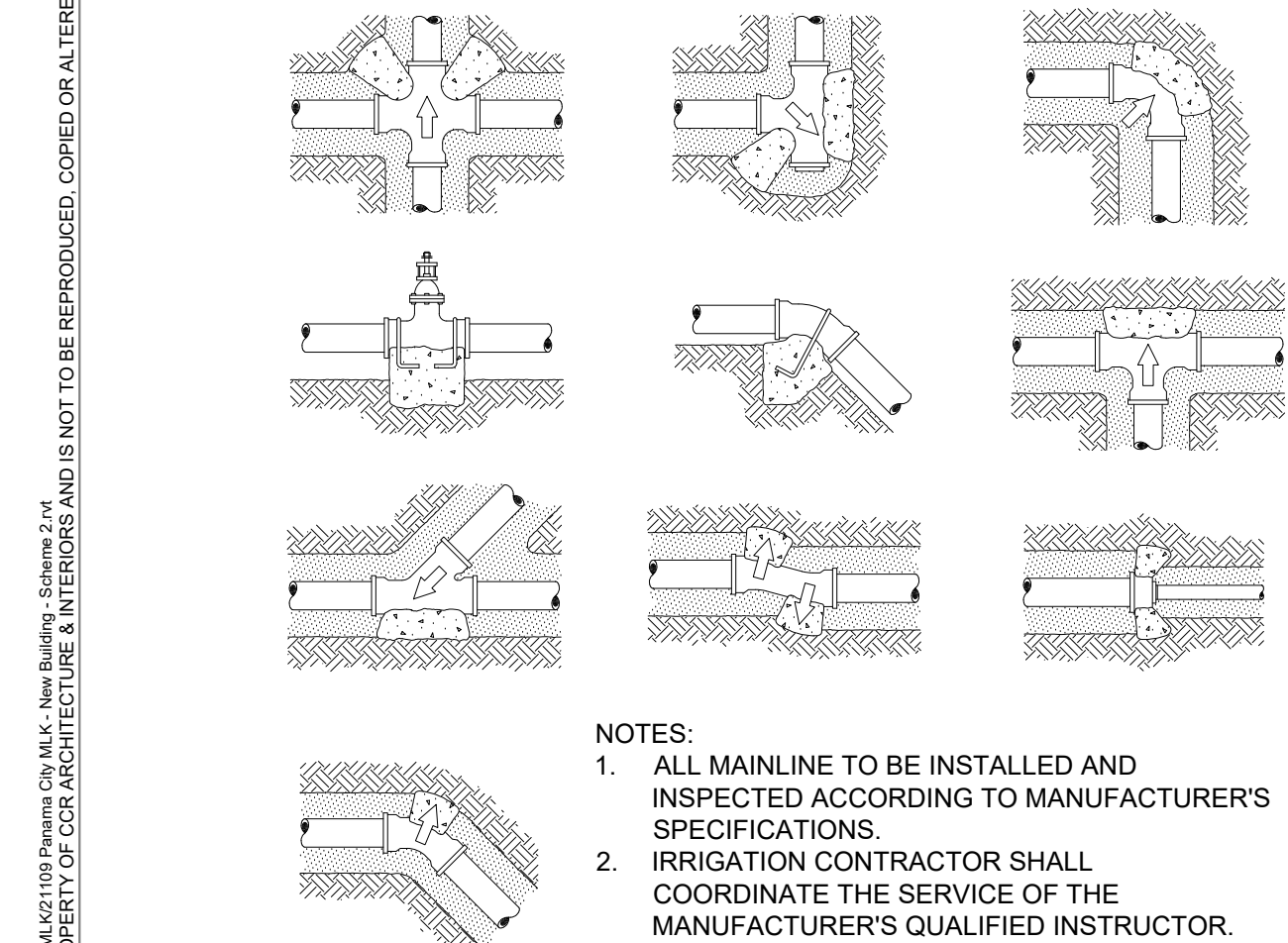


01 SITE PLANTING PLAN - SOUTH

SCALE: 1"=20'-0"

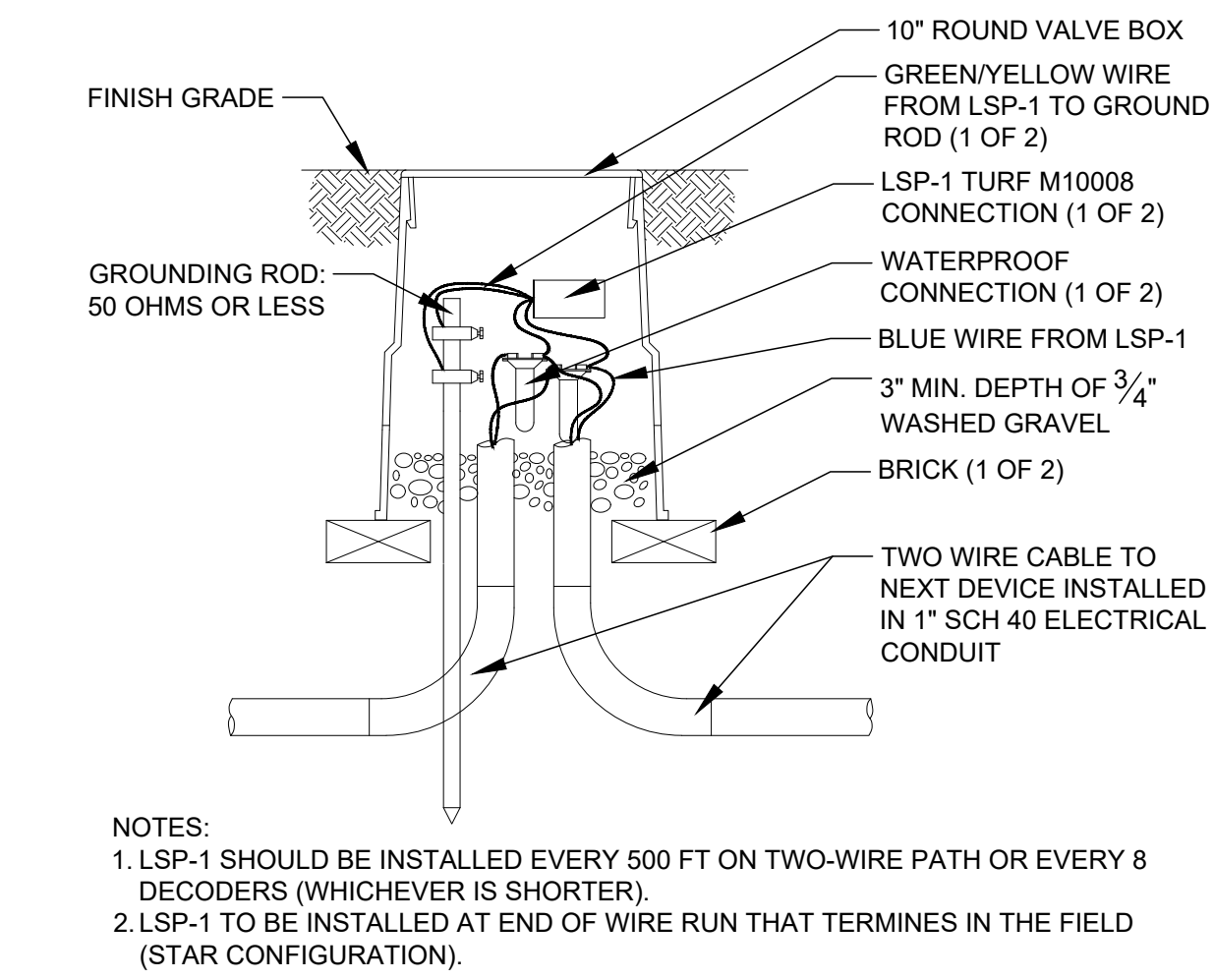


MacknallyLandDesign



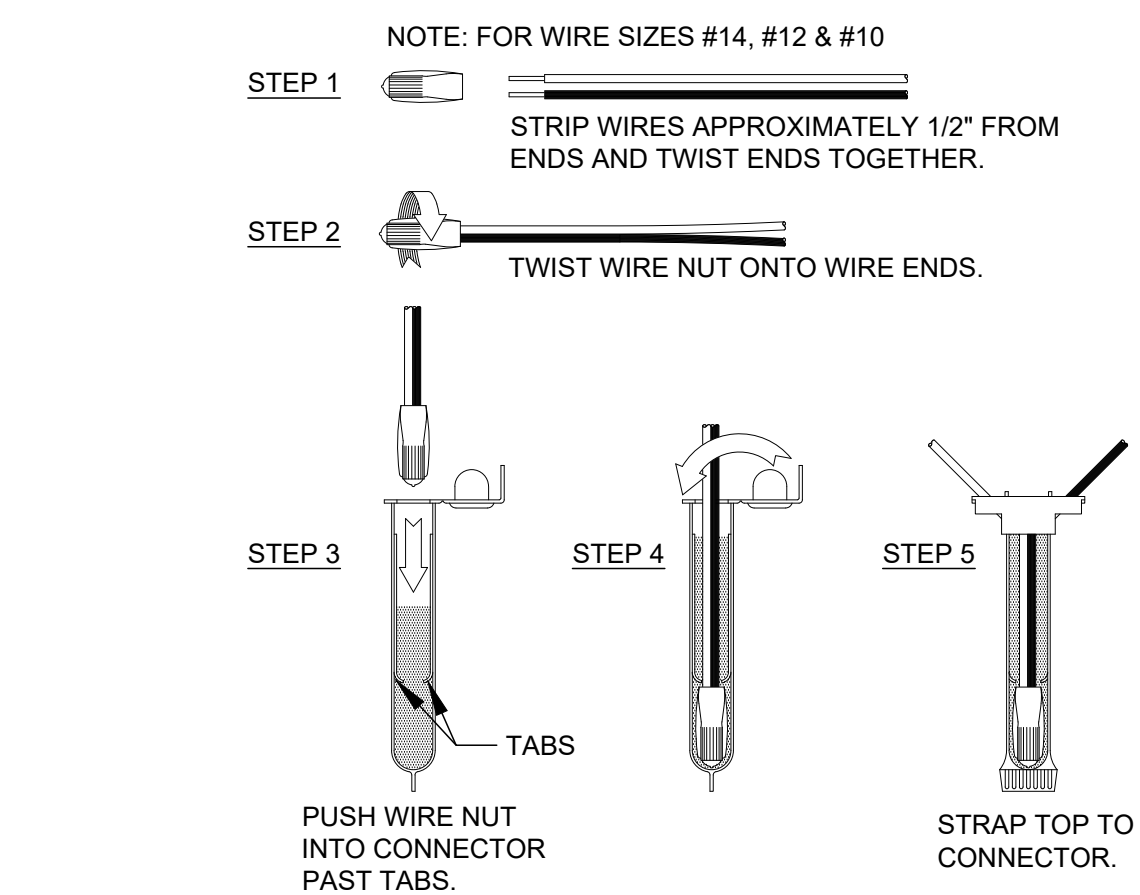
20 THRUST BLOCK

NTS



21 SURGE PROTECTION TO TWO-WIRE PATH

NTS

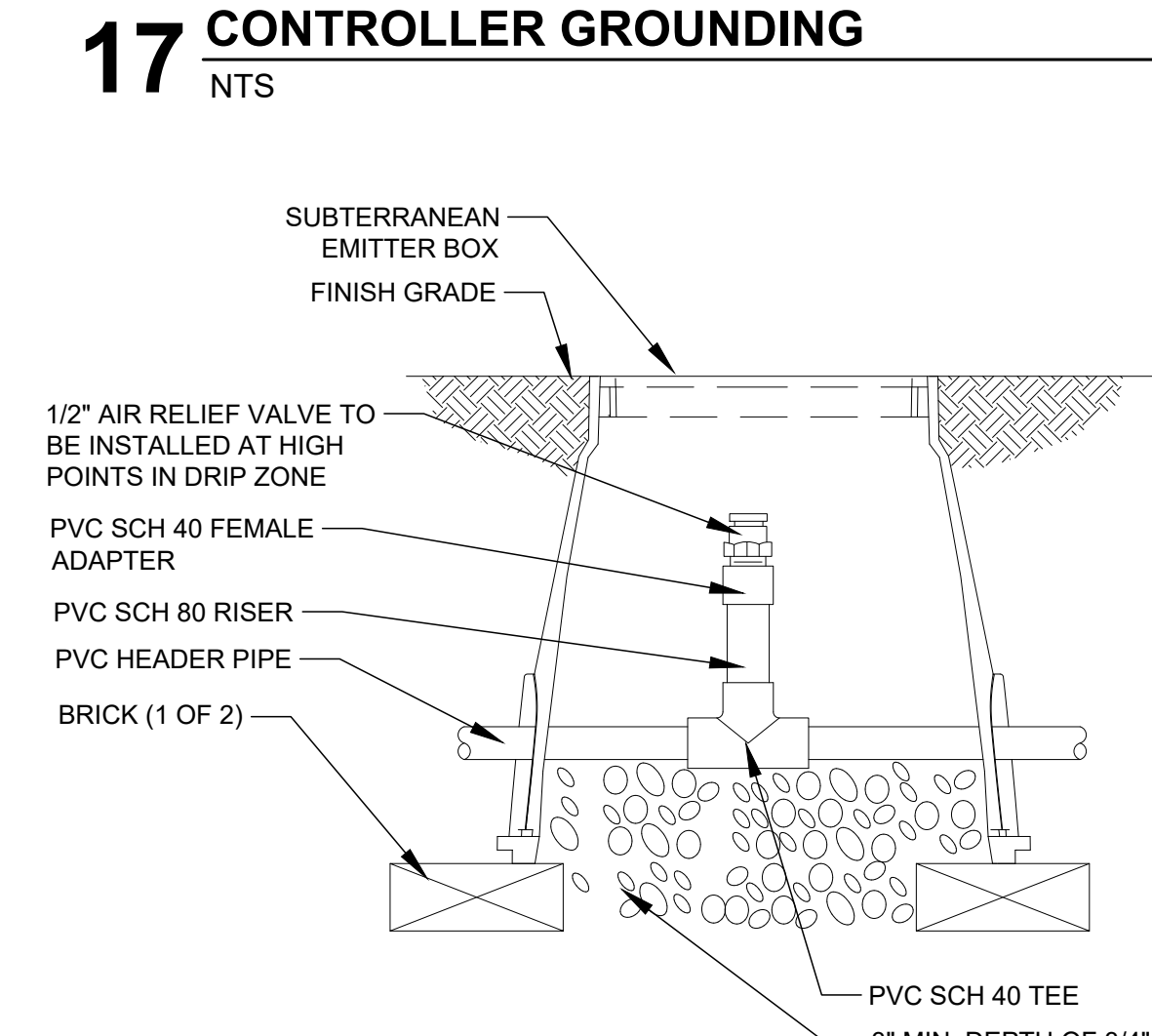


22 WIRE CONNECTION - 3M-DBR/Y-6

NTS

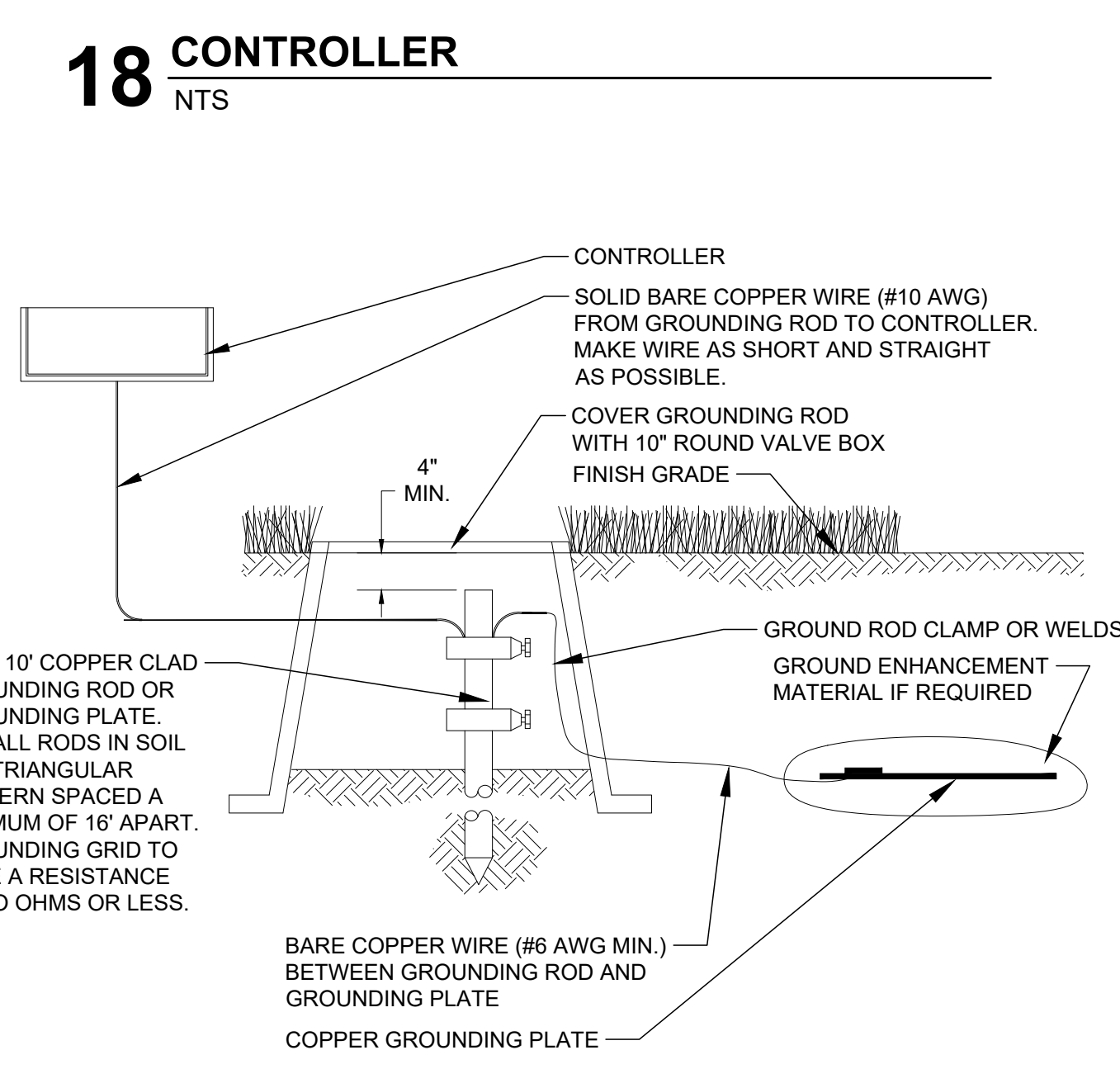
16 AIR/VACUUM RELIEF

NTS



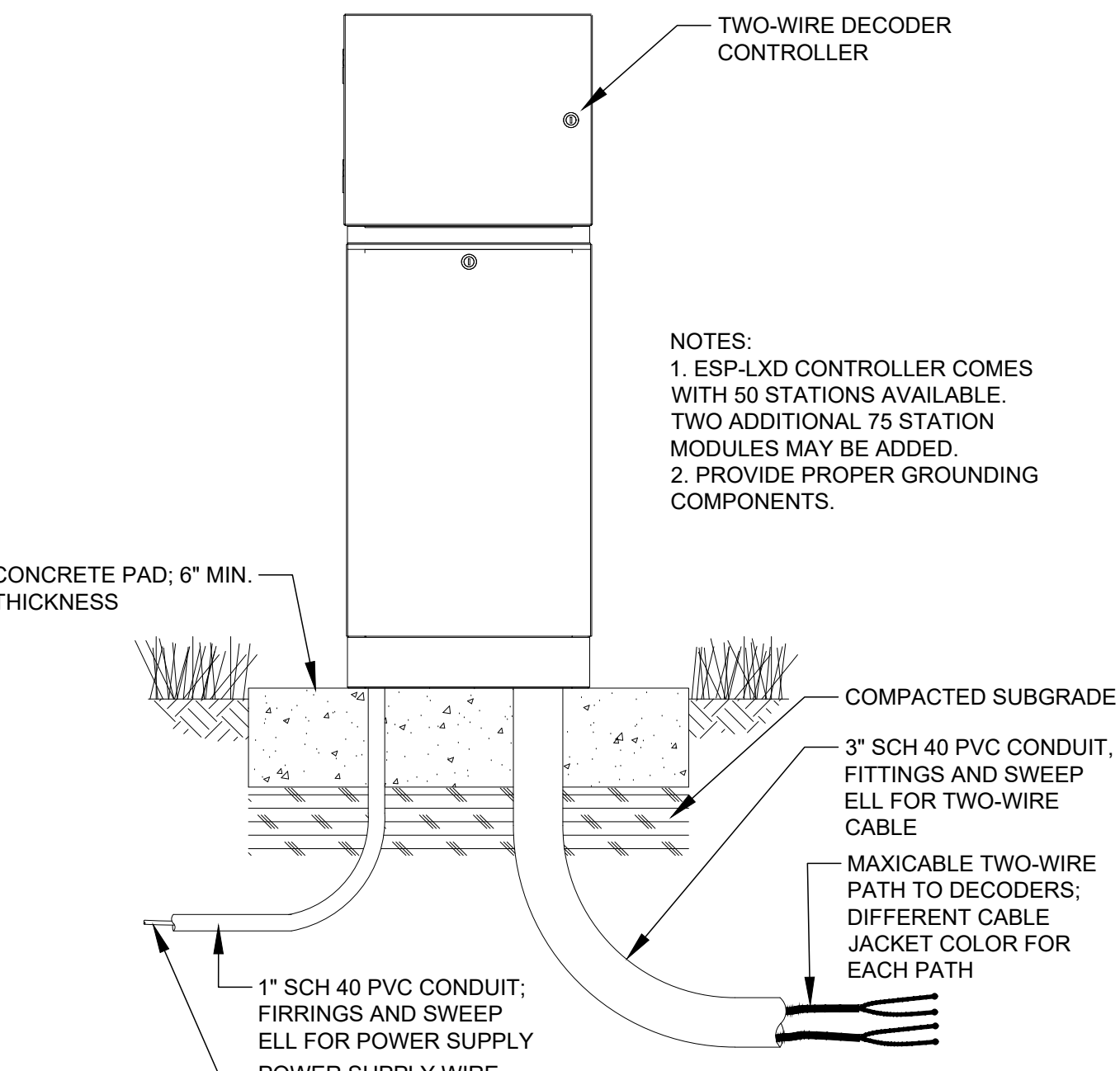
17 CONTROLLER GROUNDING

NTS



18 CONTROLLER

NTS

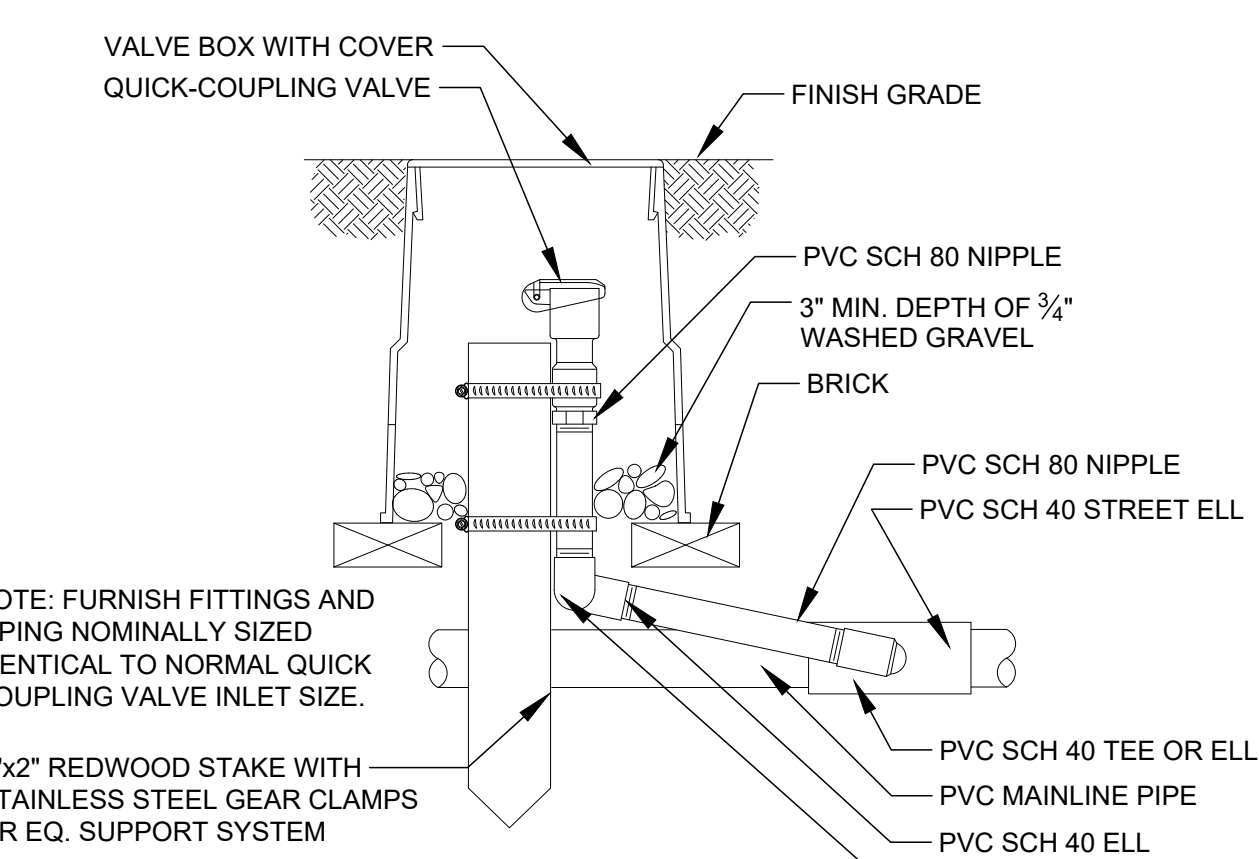


19 RAIN/FREEZE SENSOR

NTS

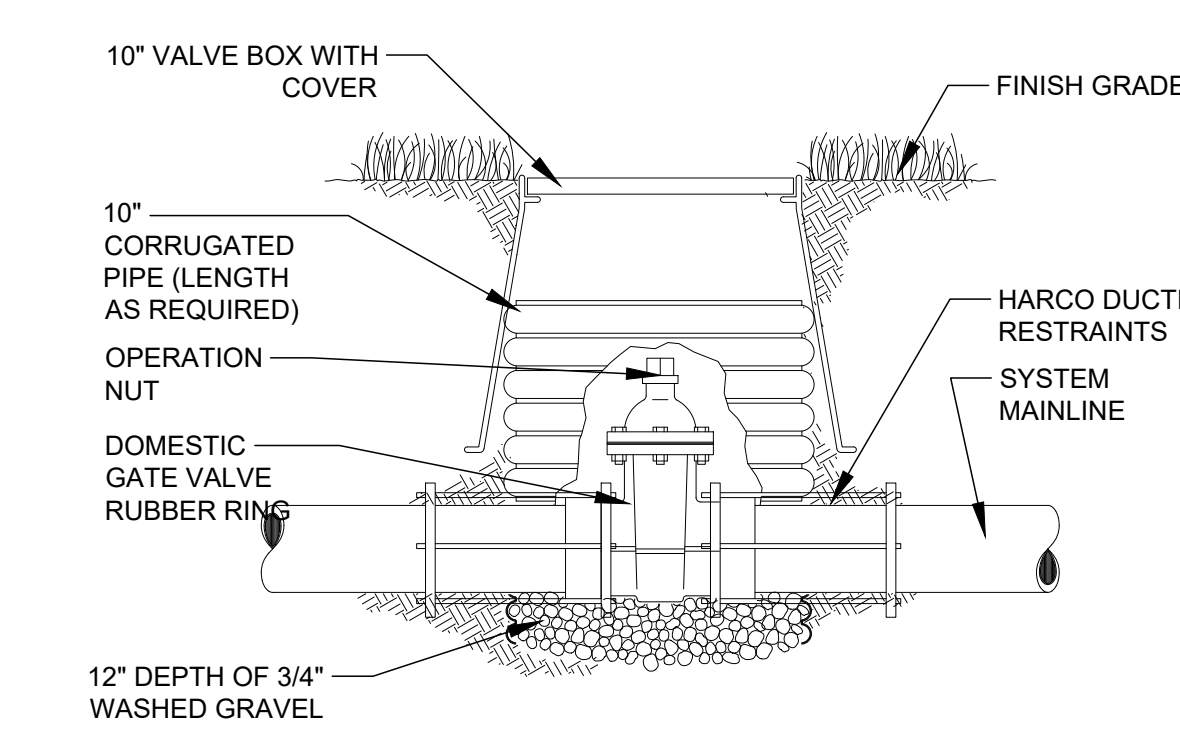
11 QUICK COUPLING VALVE

NTS



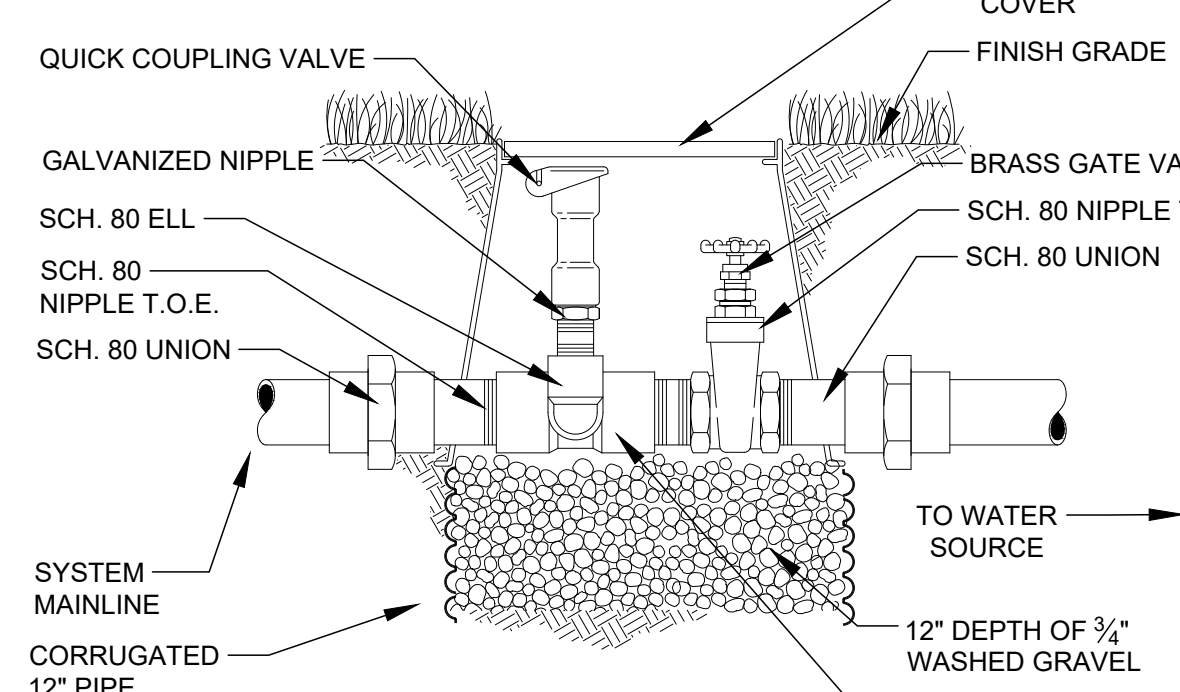
12 ISOLATION VALVE

NTS



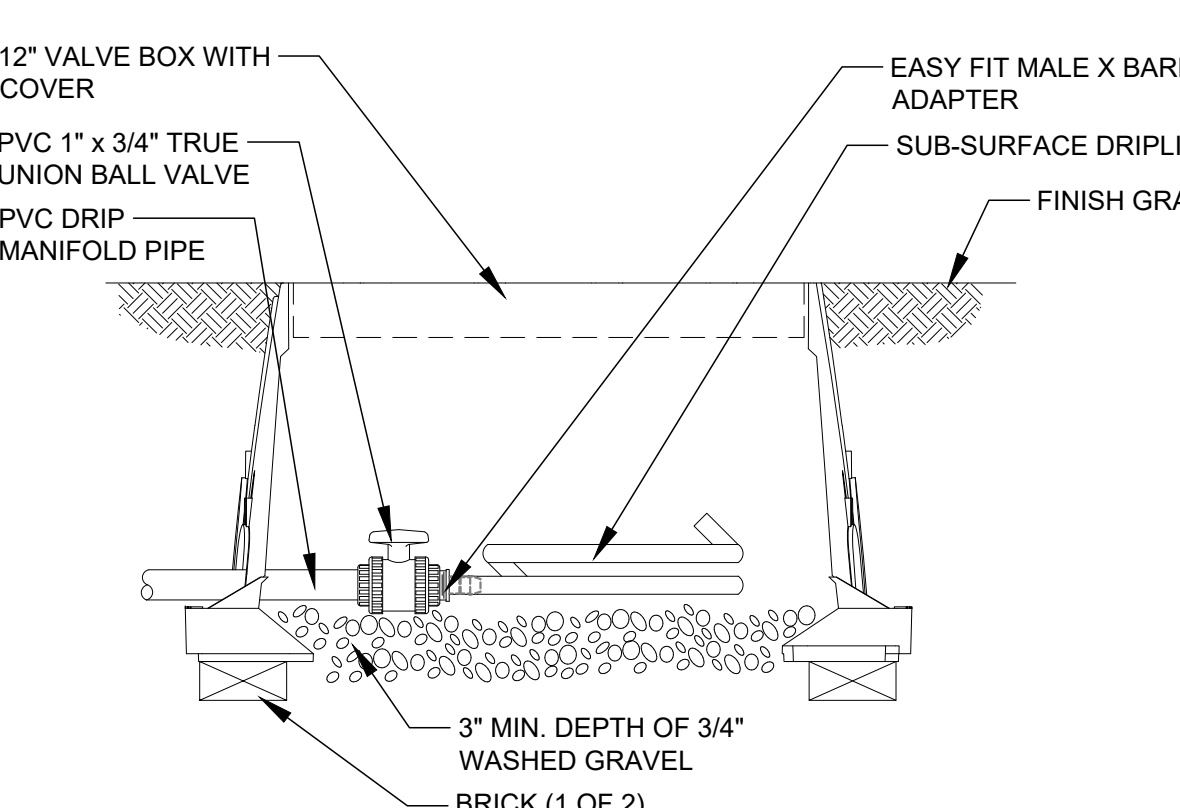
13 WINTERIZATION ASSEMBLY

NTS



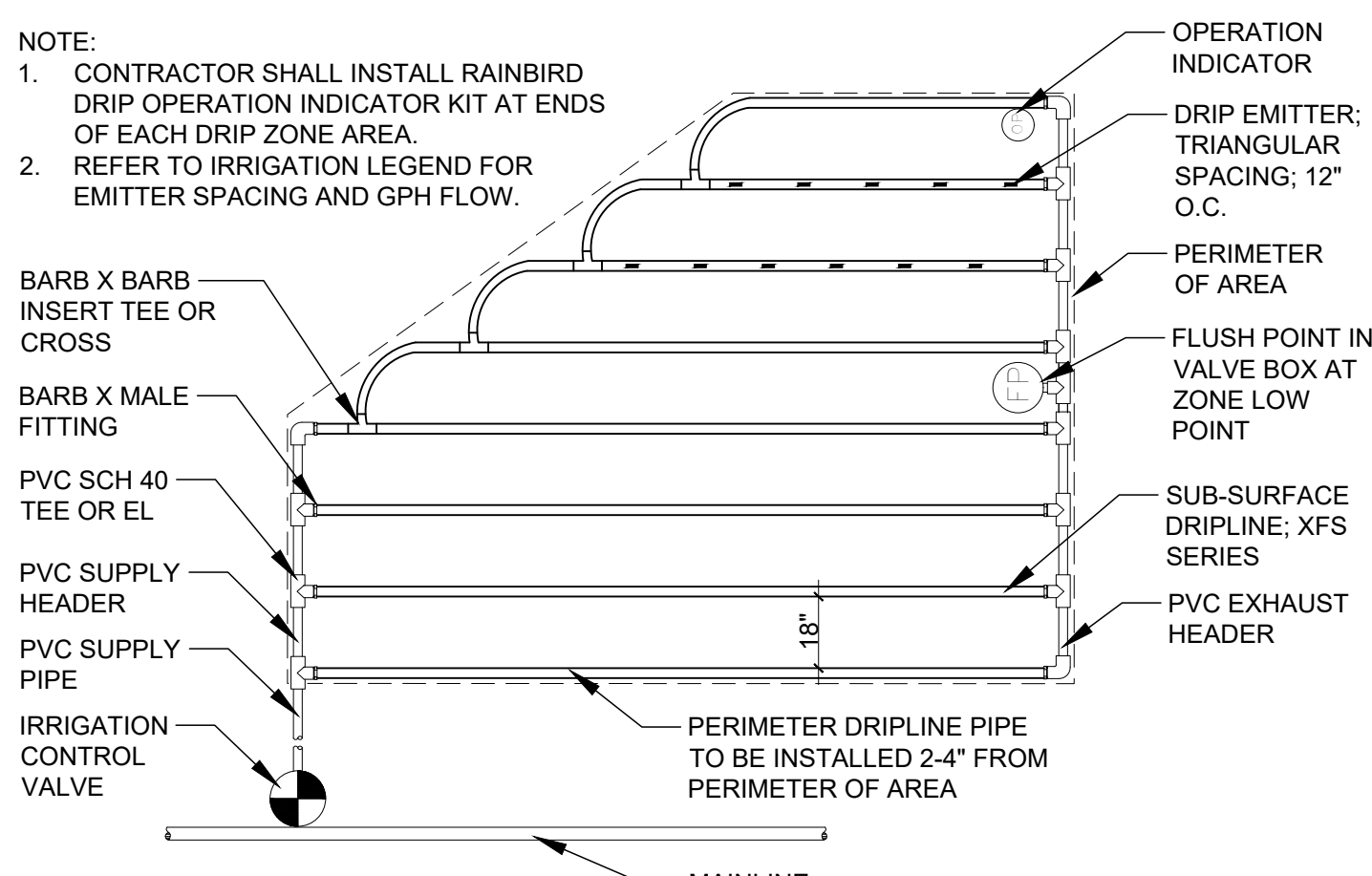
14 LINE FLUSHING VALVE

NTS



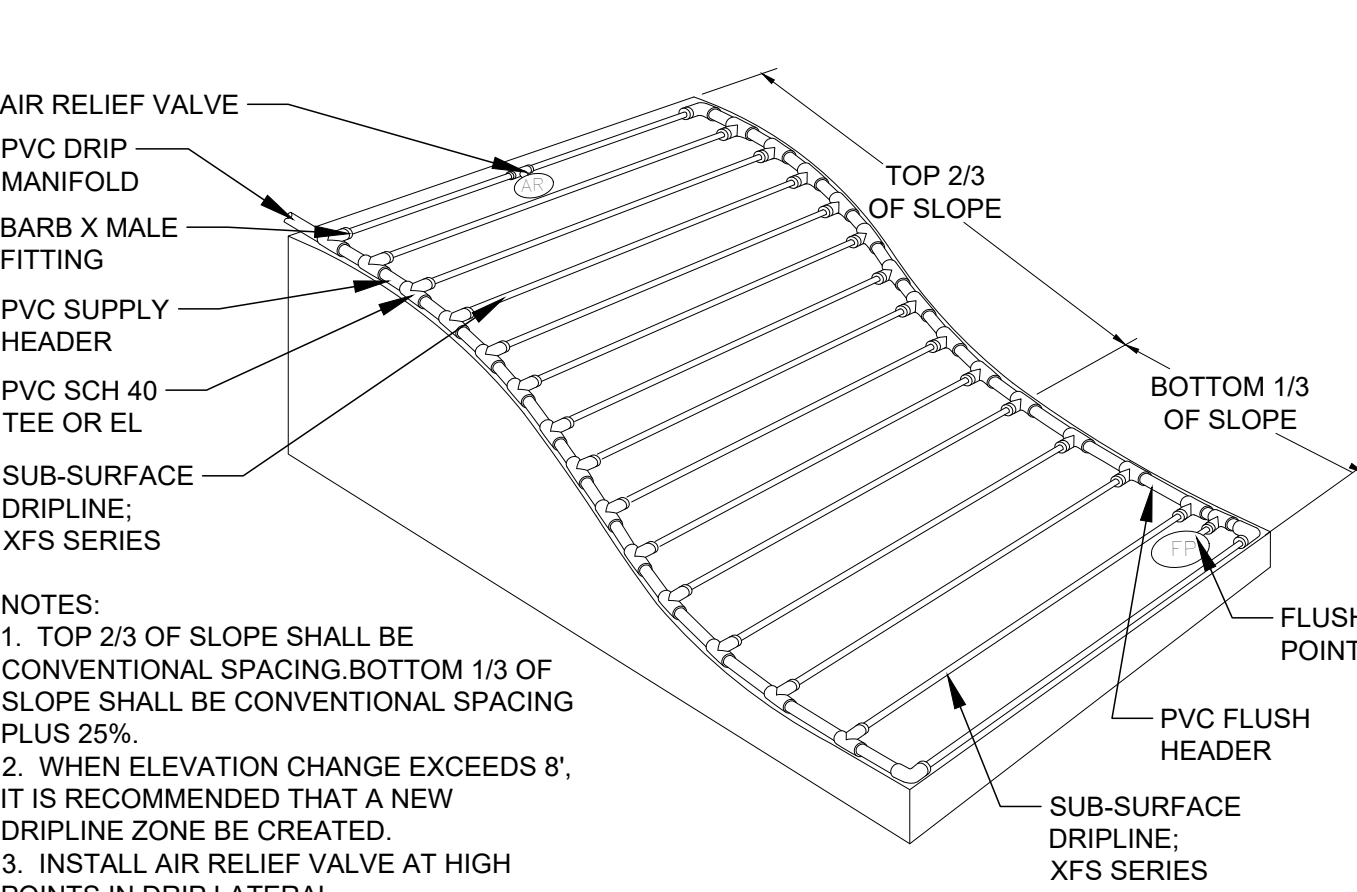
15 MANUAL DRAIN VALVE

NTS



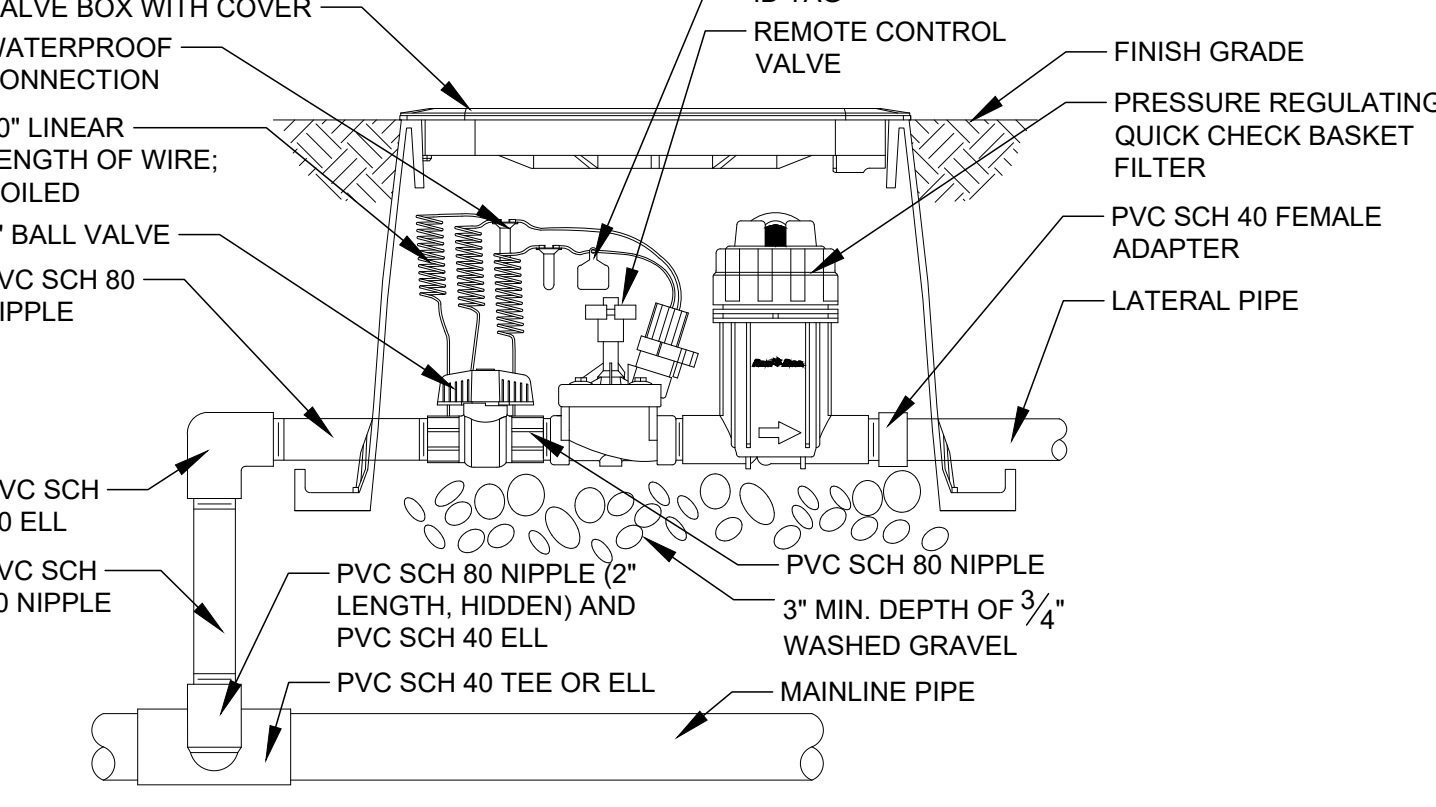
06 TYPICAL DRIPLINE IRRIGATION LAYOUT

NTS



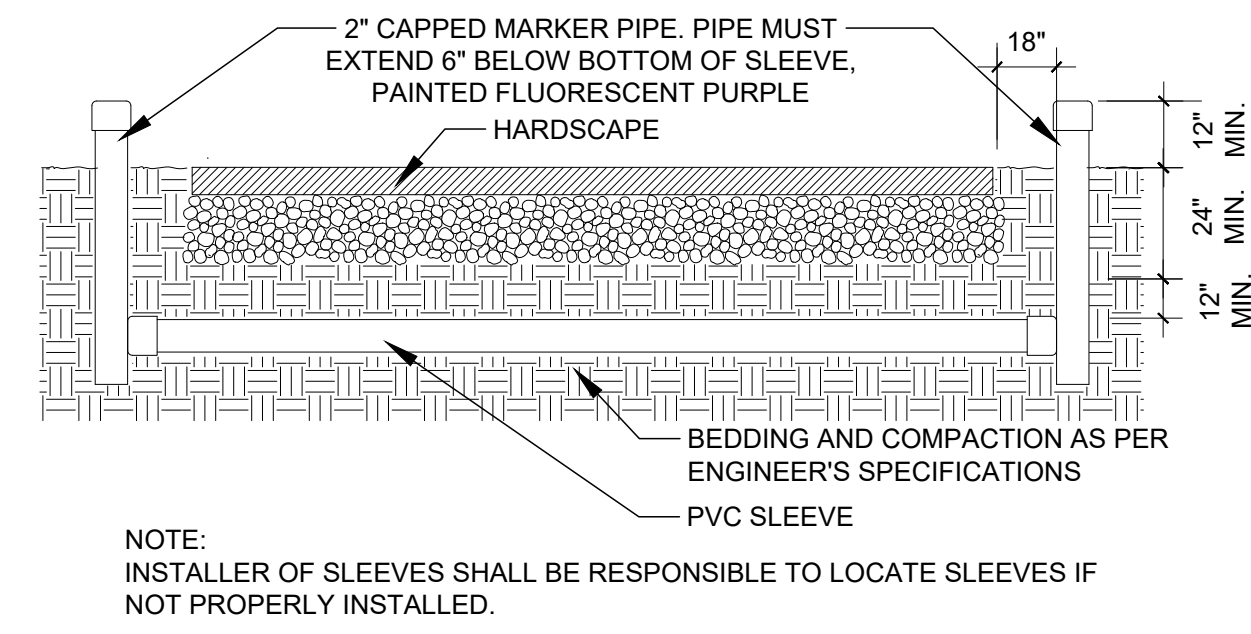
07 DRIPLINE SLOPED FEED LAYOUT

NTS



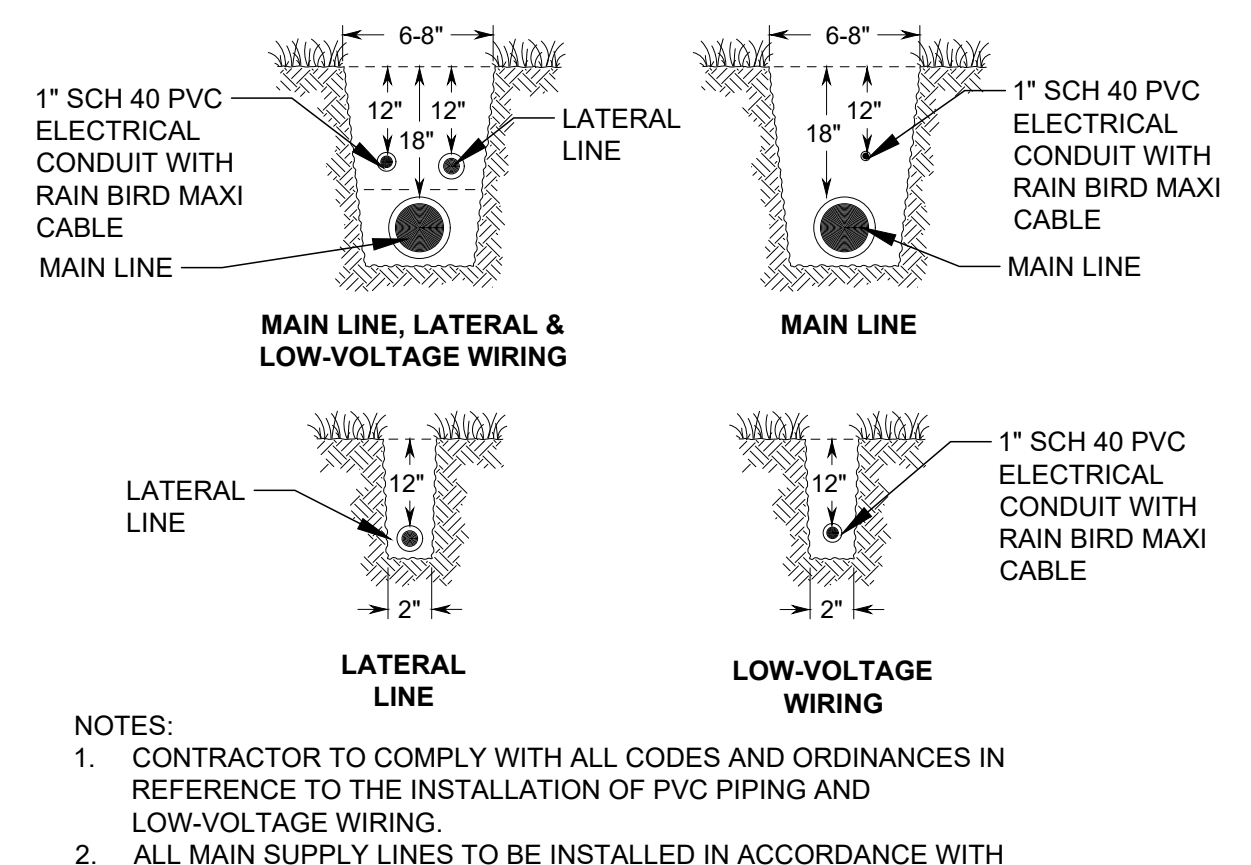
08 DRIP ASSEMBLY

NTS



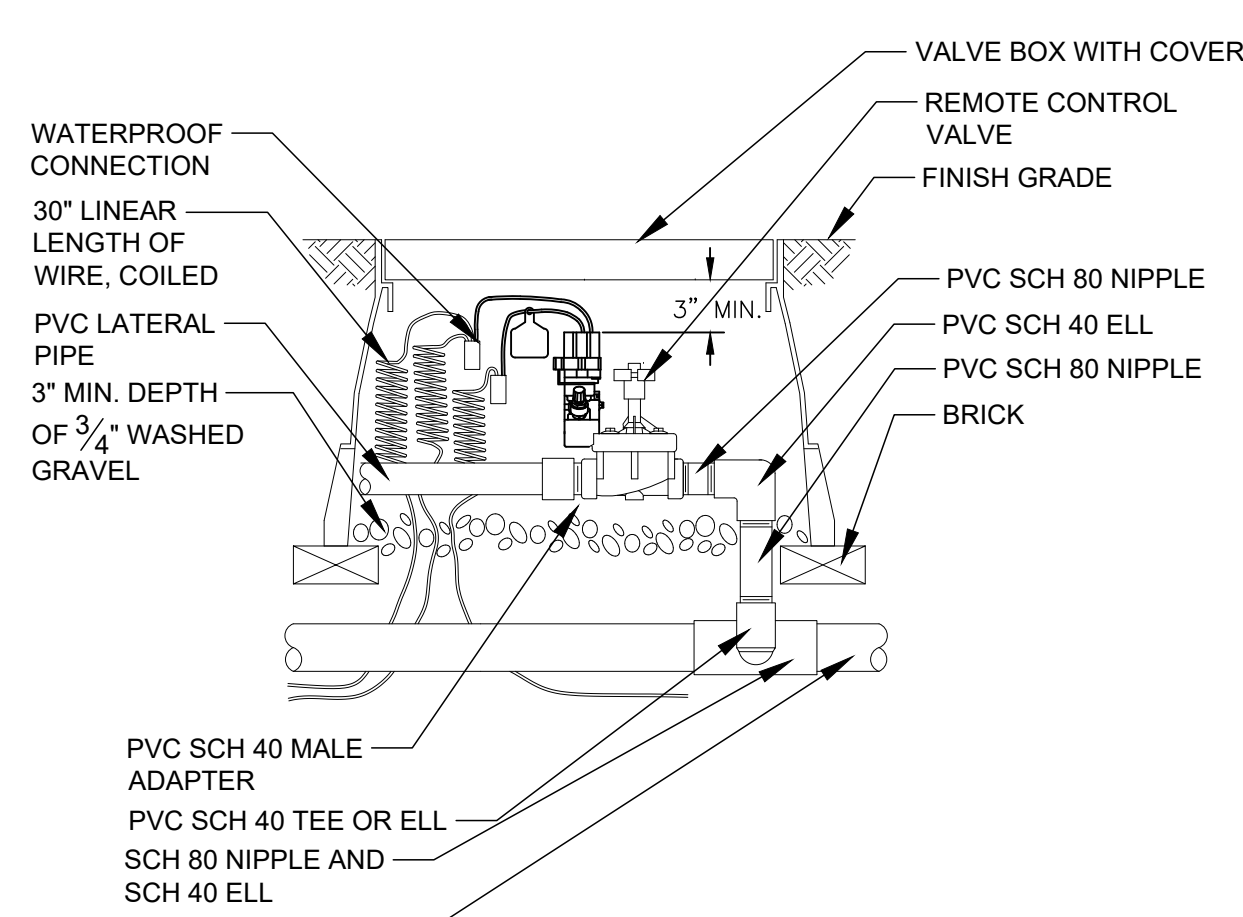
10 TRENCHING

NTS



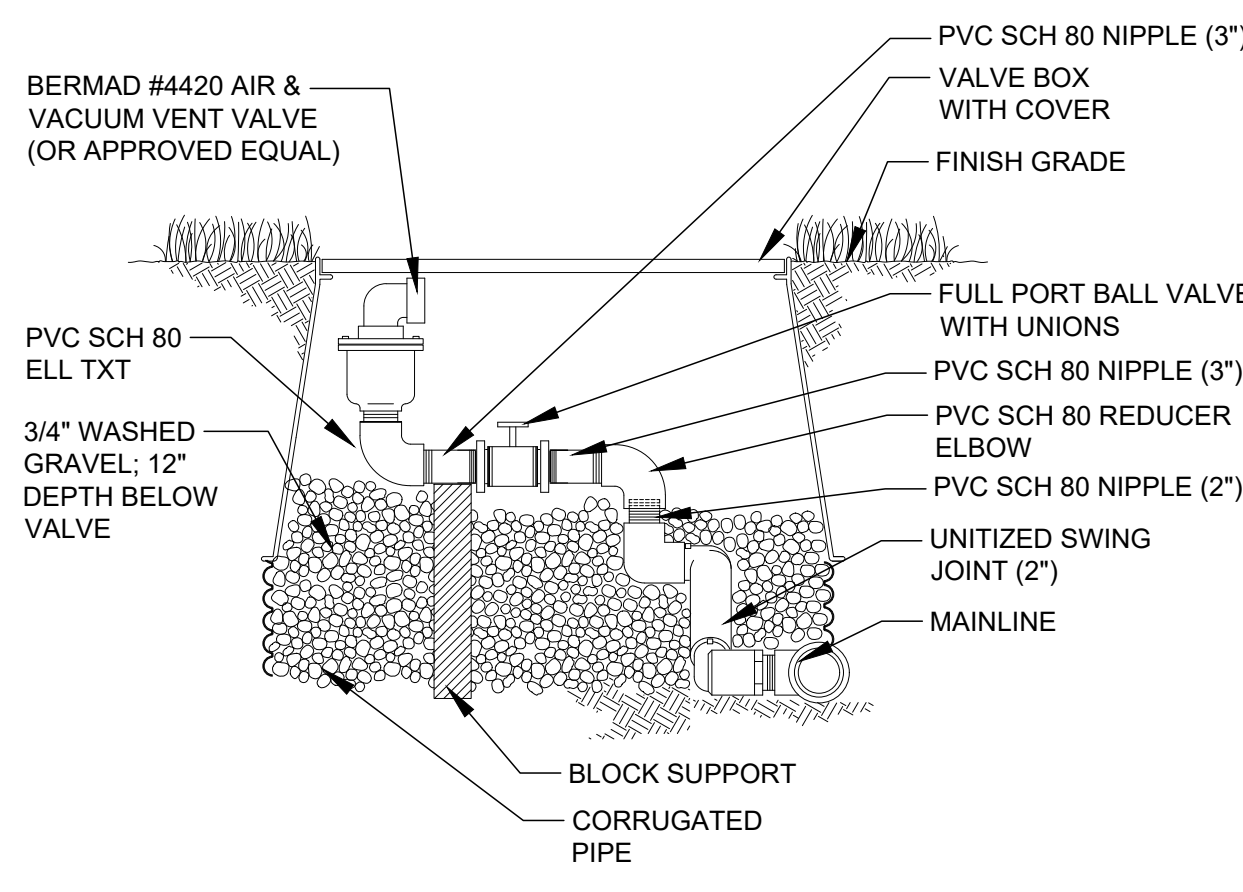
09 SLEEVING

NTS



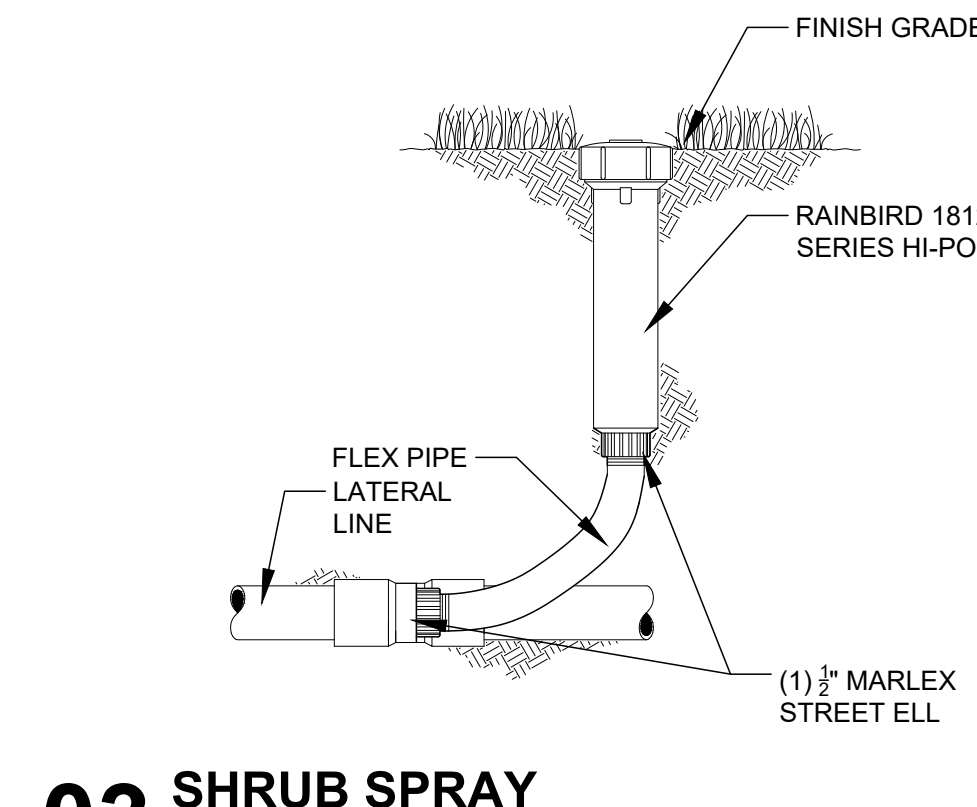
01 CONTROL VALVE

NTS



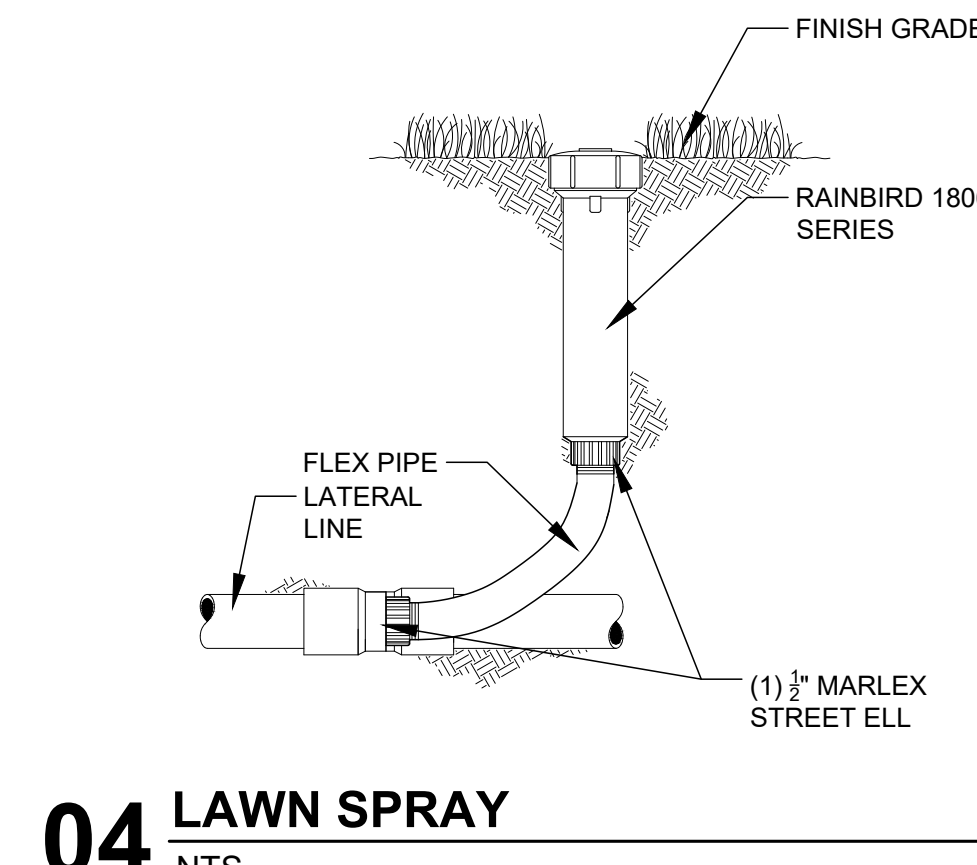
02 AIR VENT ASSEMBLY

NTS



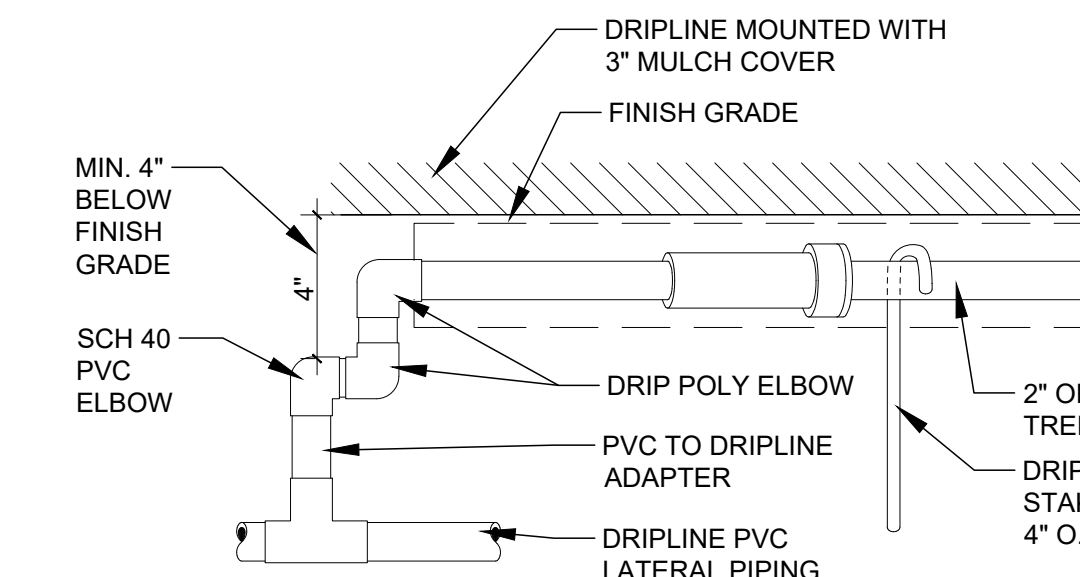
03 SHRUB SPRAY

NTS



04 LAWN SPRAY

NTS



05 DRIP CONNECTION

NTS

SITE FURNISHINGS:

NOTES:

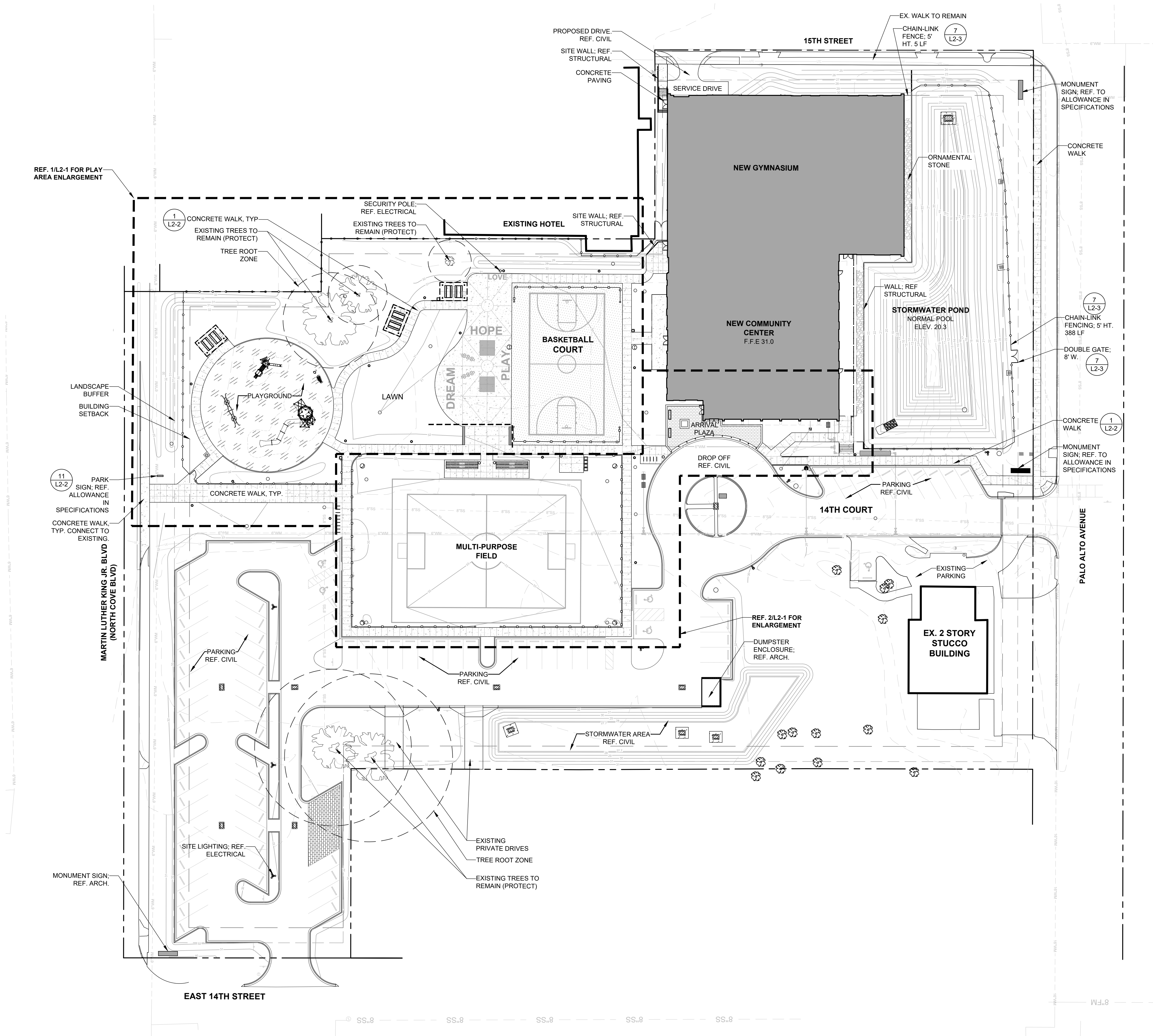
- SUBMIT CUT SHEETS FOR ALL SITE FURNISHINGS FOR APPROVAL BY LANDSCAPE ARCHITECT.
- FLAG ALL LOCATIONS IN THE FIELD PRIOR TO INSTALLATION FOR APPROVAL BY LANDSCAPE ARCHITECT.
- PROVIDE CONCRETE BASE FOR ALL FURNISHINGS IN LANDSCAPE AREAS.
- CONTRACTOR TO PROVIDE UNIT COST FOR PURCHASE AND INSTALLATION FOR EACH SITE FURNISHING NOTED.
- BELOW IS THE SITE FURNISHING SCHEDULE FOR THE BASIS OF DESIGN

BASIS OF DESIGN OR EQUAL:

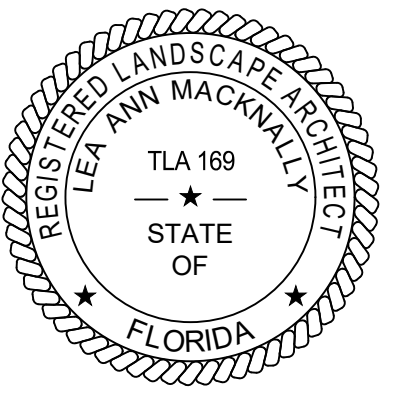
- PAVILION: QTY 3
 - CUSTOM 12' x 18' MSE MONOSLOPE PAVILION WITH 1" OVERHANG AS MANUFACTURED BY POLYGON (OR EQUAL), HOLLAND, MI, 616.888.3500 - OR APPROVED EQUAL. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTIONS.
 - SEE DETAIL 1/L2-3.
- BLEACHERS: QTY 2
 - ALUMINUM, 5 ROW, 21" LENGTH DOUBLE FOOTBOARD WITH CHAINLINK GUARDRAIL AS MANUFACTURED BY BELSON OUTDOORS (OR EQUAL), NAPERVILLE, IL, 800-323-5664.
- BENCHES: QTY 2
 - 1200 SERIES BACKED BENCH: 1200 SERIES AS MANUFACTURED BY MAGLIN (OR EQUAL), 999 18TH ST. SUITE 3000, DENVER, CO. 80202. 1.800.716.5506. ANCHOR: SURFACE MOUNT; STANDARD POWDER COAT FINISH, COLOR: GLOSS COLLECTION - SILVER 14.
- TRASH RECEPTACLES: QTY 8
 - 650 TRASH CONTAINER AS MANUFACTURED BY MAGLIN (OR EQUAL), 999 18TH ST. SUITE 3000, DENVER, CO. 80202. 1.800.716.5506. ANCHOR: SURFACE MOUNT; STANDARD POWDER COAT FINISH, COLOR: GLOSS COLLECTION - SILVER 14.
- PICNIC TABLES: QTY 3 STD., 3 ADA
 - 210 CLUSTER SEATING - 200 SERIES TABLE AS MANUFACTURED BY MAGLIN (OR EQUAL), 999 18TH ST. SUITE 3000, DENVER, CO. 80202. 1.800.716.5506. ANCHOR: SURFACE MOUNT; NO UMBRELLA HOLE; STANDARD POWDER COAT FINISH, COLOR: GLOSS COLLECTION - SILVER 14.
- BIKE RACKS: QTY 14
 - ICONIC BIKE RACK -2300 SERIES AS MANUFACTURED BY MAGLIN (OR EQUAL), 999 18TH ST. SUITE 3000, DENVER, CO. 80202. 1.800.716.5506. ANCHOR: SURFACE MOUNT; NO UMBRELLA HOLE; STANDARD POWDER COAT FINISH, COLOR: GLOSS COLLECTION - SILVER 14.
- ORNAMENTAL STONE
 - 50/50 MIX OF 2" RIVER ROCK. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.

NOTES:

- SUBMIT CUT SHEETS FOR ALL PLAY EQUIPMENT AND SITE FURNISHINGS FOR APPROVAL BY LANDSCAPE ARCHITECT.
- SITE FURNISHINGS SPECIFIED ARE TO BE USED FOR BASIS OF DESIGN FOR CHARACTER, LAYOUT & ELEMENTS. ANY SUBSTITUTION REQUEST SHALL BE MADE & APPROVED PRIOR TO BID.



01 SITE HARDSCAPE AND MATERIALS PLAN
SCALE: 1"=30'-0"



CCR ARCHITECTURE &
INTERIORS

MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

JOB NUMBER:
21109

DATE:
05/18/2023

PRINTED / REVISIONS
DESCRIPTION DATE

SHEET TITLE:
HARDSCAPE &
MATERIALS
OVERALL PLAN

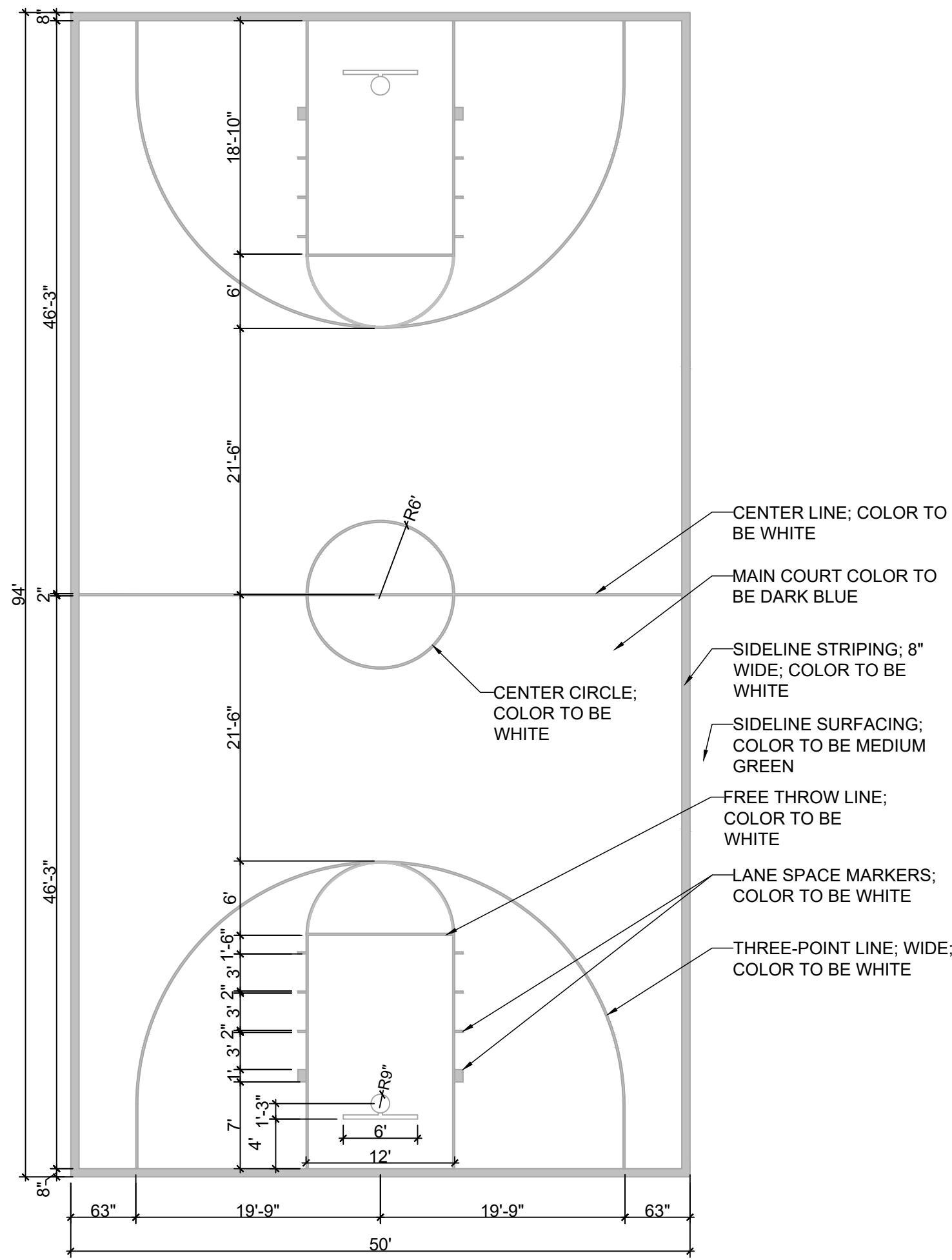
SHEET NUMBER:

L2-0

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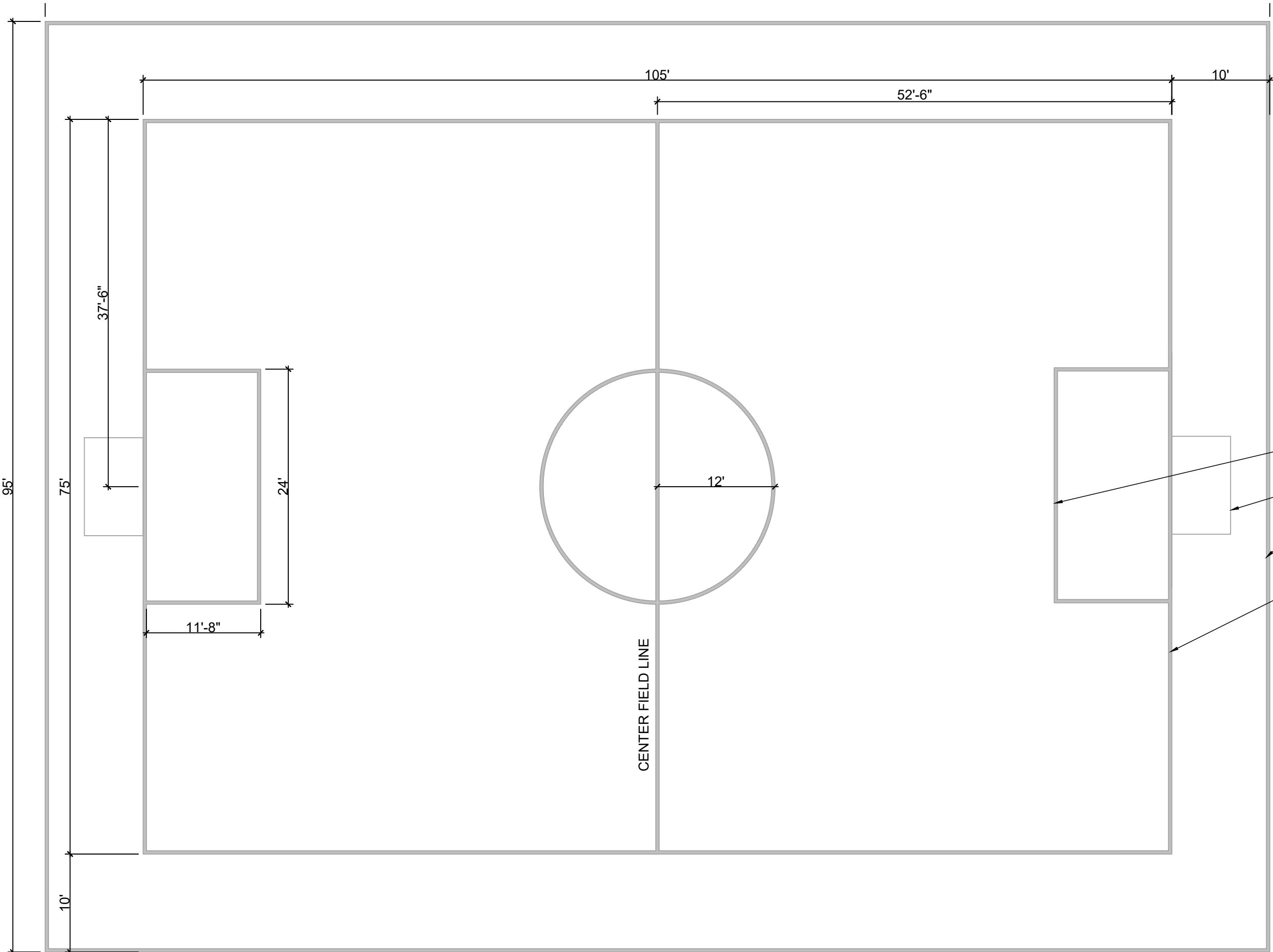
04 BASKETBALL COURT ENLARGEMENT

SCALE: 1"=10'-0"



03 MULTI-PURPOSE FIELD ENLARGMENT

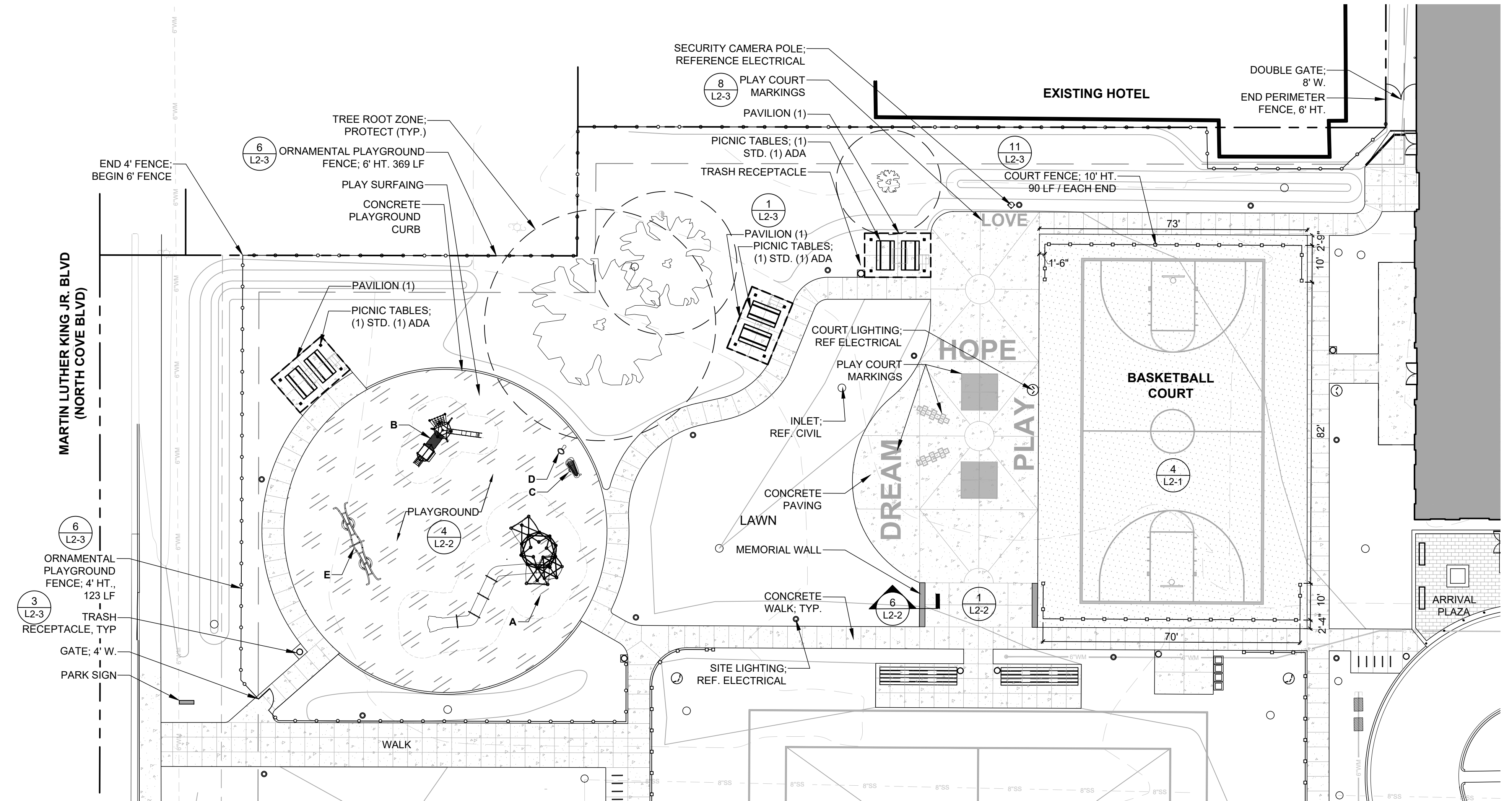
SCALE: 1"=10'-0"



- NOTES:
- ALL LINES SHALL BE 4" WIDE MINIMUM (5" MAX) STANDARD WHITE CHALK.
 - SOCCER GOALS SHALL BE STANDARD 6' X 4' GOAL BY NET WORLD SPORTS. PHONE: 1.866.861.9095
 - RESTRAINING LINES SHALL BE 10' OFFSET FROM EACH TOUCHLINE.
 - MINIMUM STRIPING SHALL BE TOUCHLINES AND CENTER FIELD LINES. ALL OTHER LINES ARE SECONDARY AND NOT REQUIRED FOR REGULATION MULTI-PURPOSE PLAY.
 - MINIMUM FIELD SIZE FOR REGULATION MULTI-PURPOSE PLAY IS 75' L X 45' W.

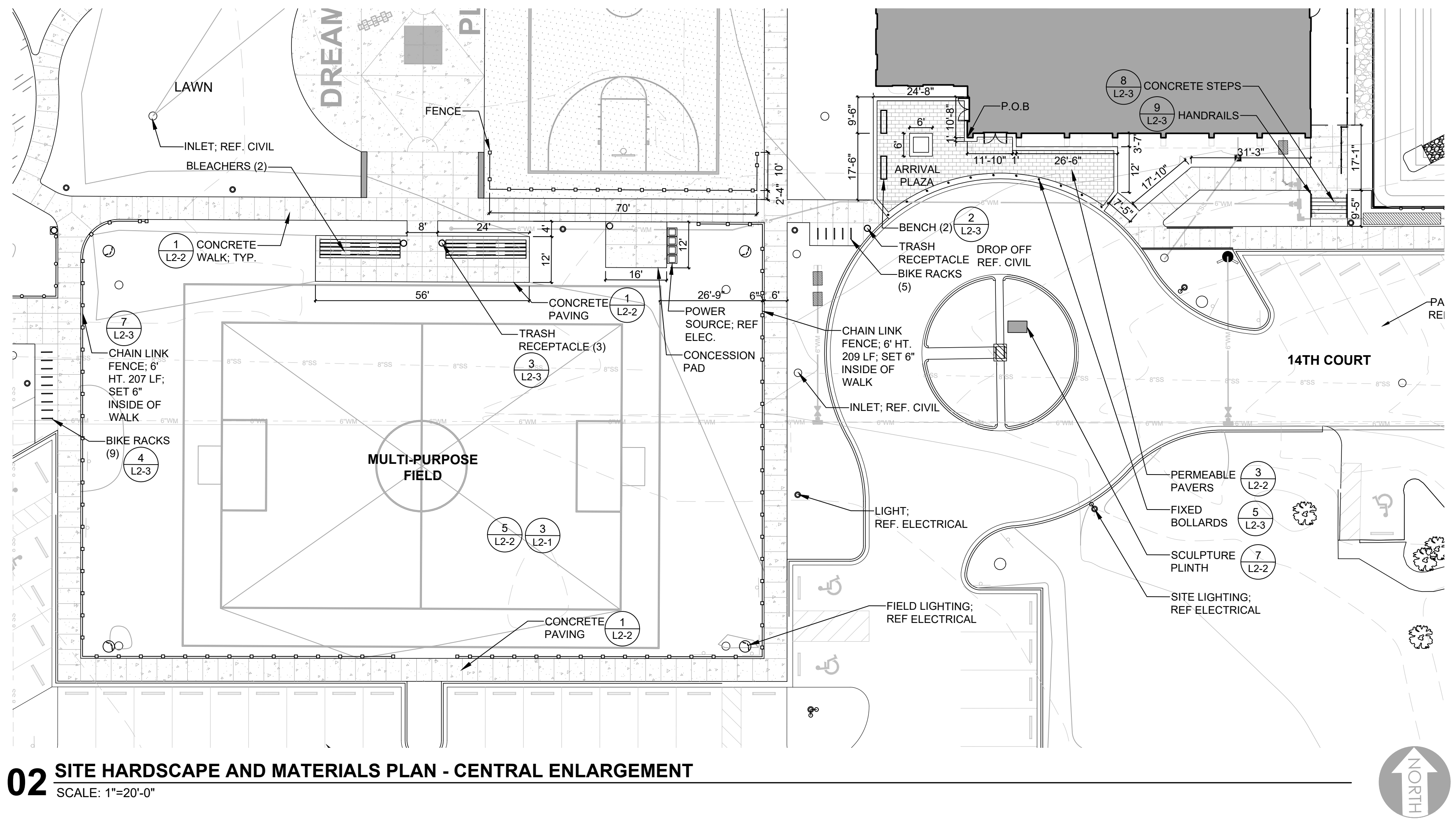
01 SITE HARDSCAPE AND MATERIALS PLAN - NORTHWEST ENLARGEMENT

SCALE: 1"=20'-0"



02 SITE HARDSCAPE AND MATERIALS PLAN - CENTRAL ENLARGEMENT

SCALE: 1"=20'-0"



PLAYGROUND EQUIPMENT:

- (1) TRITOPA.20 PLAY TOWER AS MANUFACTURED BY BERLINER, GREENVILLE, SC. 864.627.1092. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTION.
- (1) OFFENBACH PLAY TOWER AS MANUFACTURED BY BERLINER, GREENVILLE, SC. 864.627.1092. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTION.
- (1) RHAPSODY VIVO METALLOPHONE, MODEL#214441, AS MANUFACTURED BY LANDSCAPE STRUCTURES, DELANO, MN. 888.438.6574. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTION.
- (1) RHAPSODY KUNDU DRUM, MODEL#214444, AS MANUFACTURED BY LANDSCAPE STRUCTURES, DELANO, MN. 888.438.6574. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTION.
- (1) DOUBLE ARCH SWING, MODEL #5057, AS MANUFACTURED BY GAMETIME, FORT PAYNE, AL. 800.235.2400. COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLOR SELECTION.

MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

JOB NUMBER:
21109

DATE:
05/18/2023

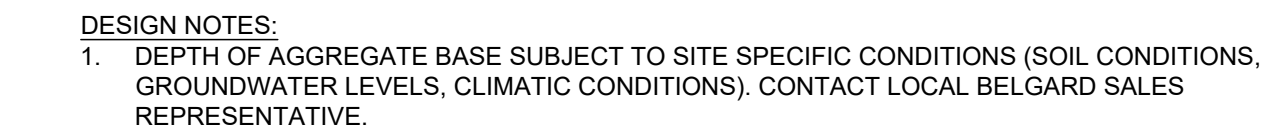
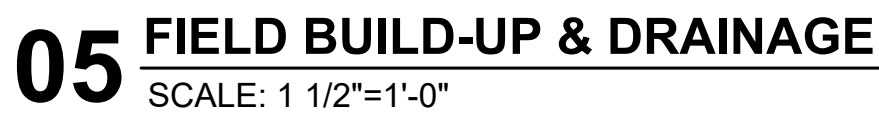
PRINTED / REVISIONS
DESCRIPTION DATE

SHEET TITLE:
HARDSCAPE &
MATERIALS PLAN -
ENLARGEMENTS /
LAYOUT

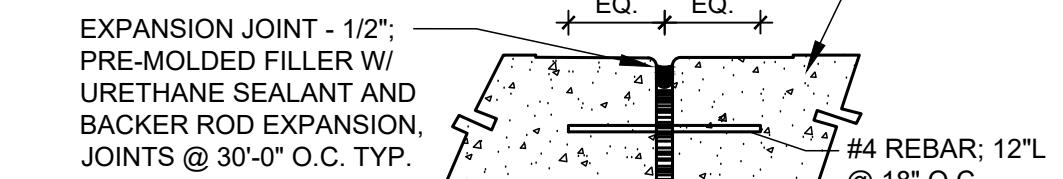
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L2-1

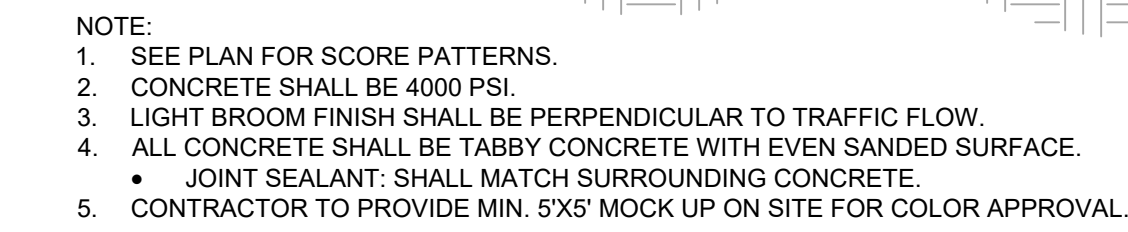
MacknallyLandDesign



SCALE: 1"=1'-0"

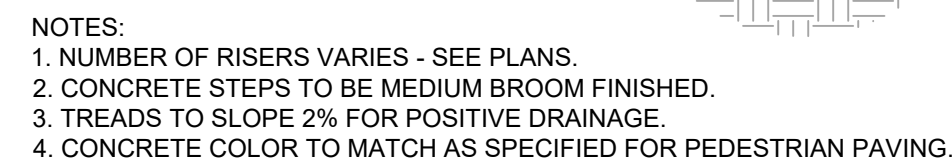
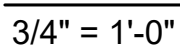


NOT TO SCALE

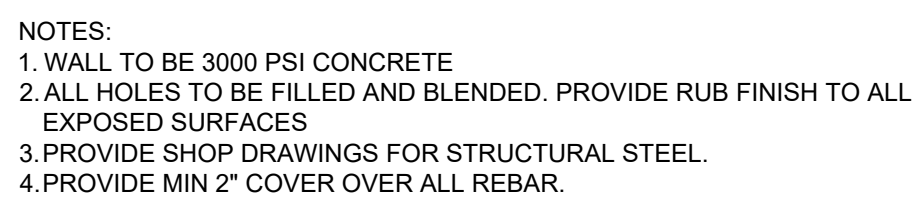


SCALE: 1"=1'-0"

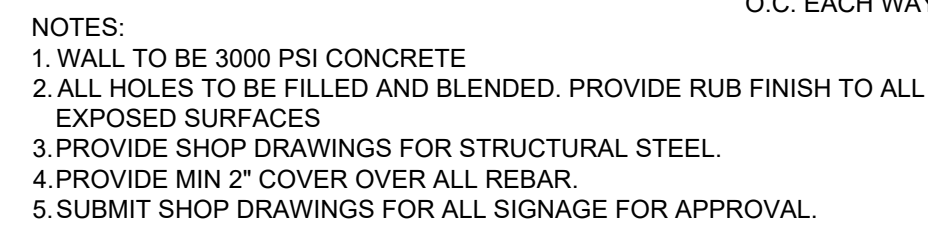
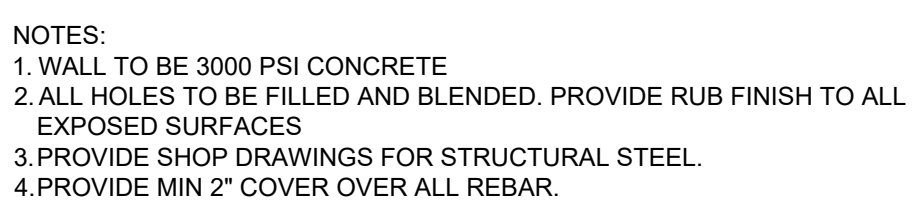
MacknallyLandDesign


$$1'' = 1' - 0''$$


SCALE: 1 1/2"=1'-0"



SCALE: 1/2"=1'-0"


$$1/2'' = 1'-0''$$


$$1/2'' = 1'-0'''$$



MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

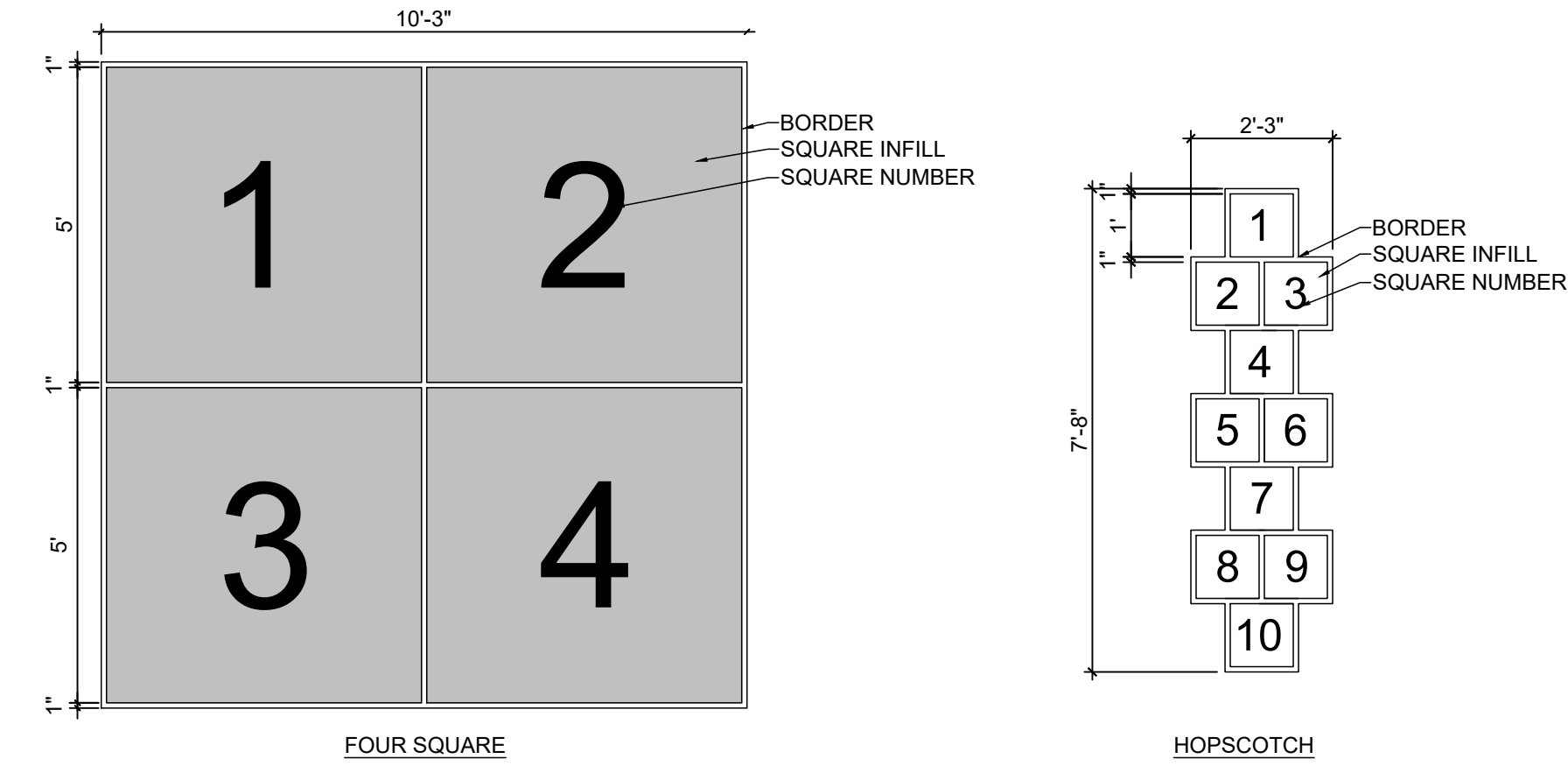
SHEET NUMBER:

L2-3



PLAY COURT MARKINGS

SCALE: 1/4"=1'-0'

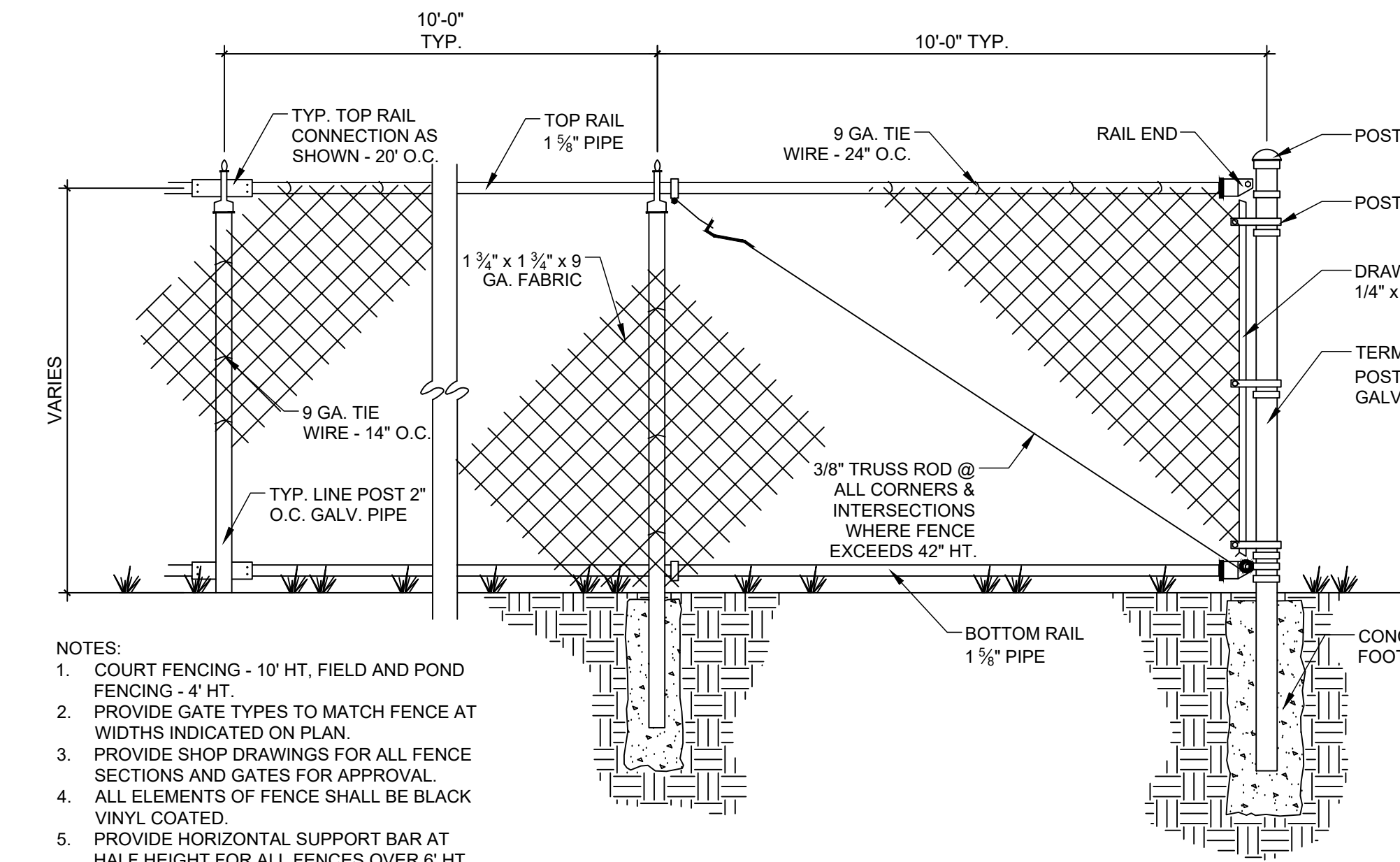


- NOTES:
1. PLAYCOURT GRAPHICS TO BE BE LAYKOLD COLOR COAT SYSTEM: COLORED ACRYLIC PLAY SURFACE. MANUFACTURED BY ADVANCED POLYMER TECHNOLOGY.COLORS TO BE AS FOLLOWS: BORDER COLOR TO BE WHITE.
 2. SQUARE INFILL COLOR TO BE AS FOLLOWS:
 - 1 SQUARE - RED
 - 2 SQUARE - BLUE
 - 3 SQUARE - YELLOW
 - 4 SQUARE - GREEN
 3. NUMBERS TO BE WHITE; TEXT HT TO BE 2" HT X 18" MAX WIDTH. NUMBERS TO BE CENTERED WITHIN THE PLAY SQUARES. FONT TO BE ARIAL.

- NOTES:
- PLAY COURT GRAPHICS TO BE PLEXICOURT PAVING SYSTEM (ACRYLOTEX): COLORED ACRYLIC PLAY SURFACE. MANUFACTURED BY CALIFORNIA PRODUCTS.
1. BORDER COLOR TO BE WHITE. SQUARES WILL NOT BE INFILLED.
 2. NUMBERS TO BE WHITE; TEXT HT TO BE 6" MAX HT x 8" MAX WIDTH. NUMBERS TO BE CENTERED WITHIN THE PLAY SQUARES. FONT TO BE ARIAL

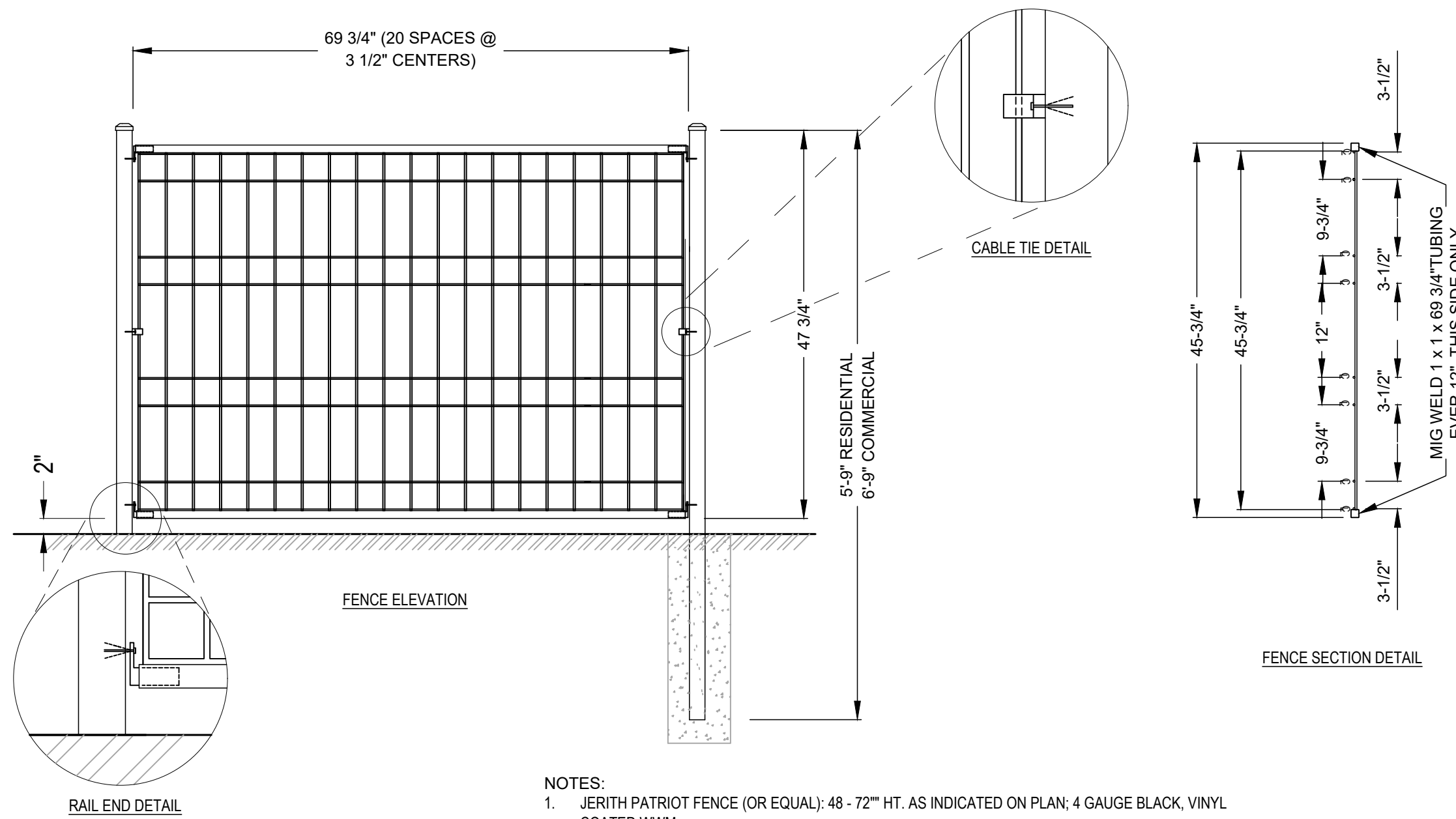
08 PLAY COURT MARKINGS

SCALE: 3/8"=1'-0"



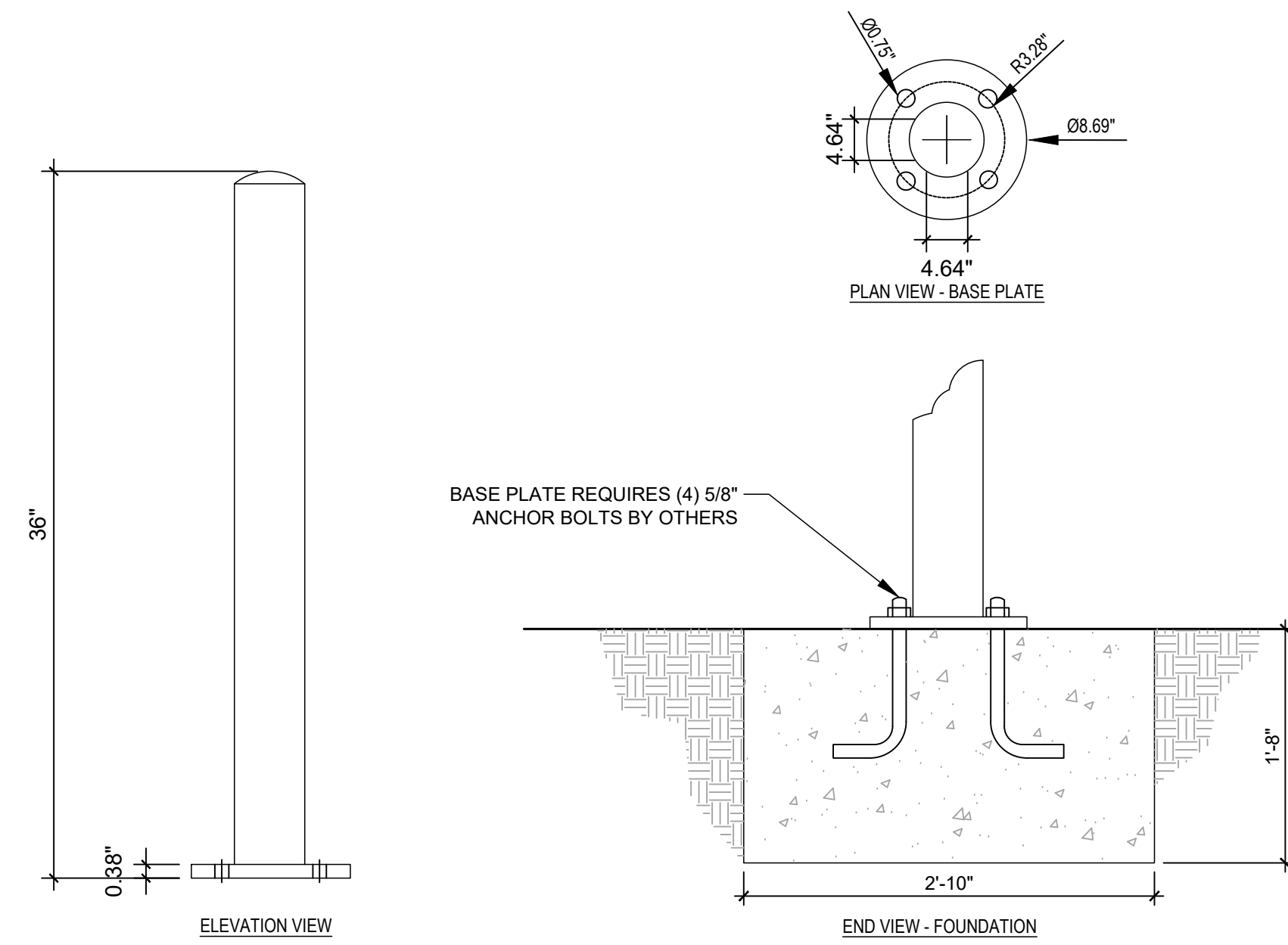
- NOTES:**
- 1. COURT FENCING - 10' HT, FIELD AND POND FENCING - 4' HT.**
 - 2. PROVIDE GATE TYPES TO MATCH FENCE AT WIDTHS INDICATED ON PLAN.**
 - 3. PROVIDE SHOP DRAWINGS FOR ALL FENCE SECTIONS AND GATES FOR APPROVAL.**
 - 4. ALL ELEMENTS OF FENCE SHALL BE BLACK VINYL COATED.**
 - 5. PROVIDE HORIZONTAL SUPPORT BAR AT HALF HEIGHT FOR ALL FENCES OVER 6' HT.**

07 CHAIN LINK FENCE

$$\frac{3}{4}'' = 1'-0''$$


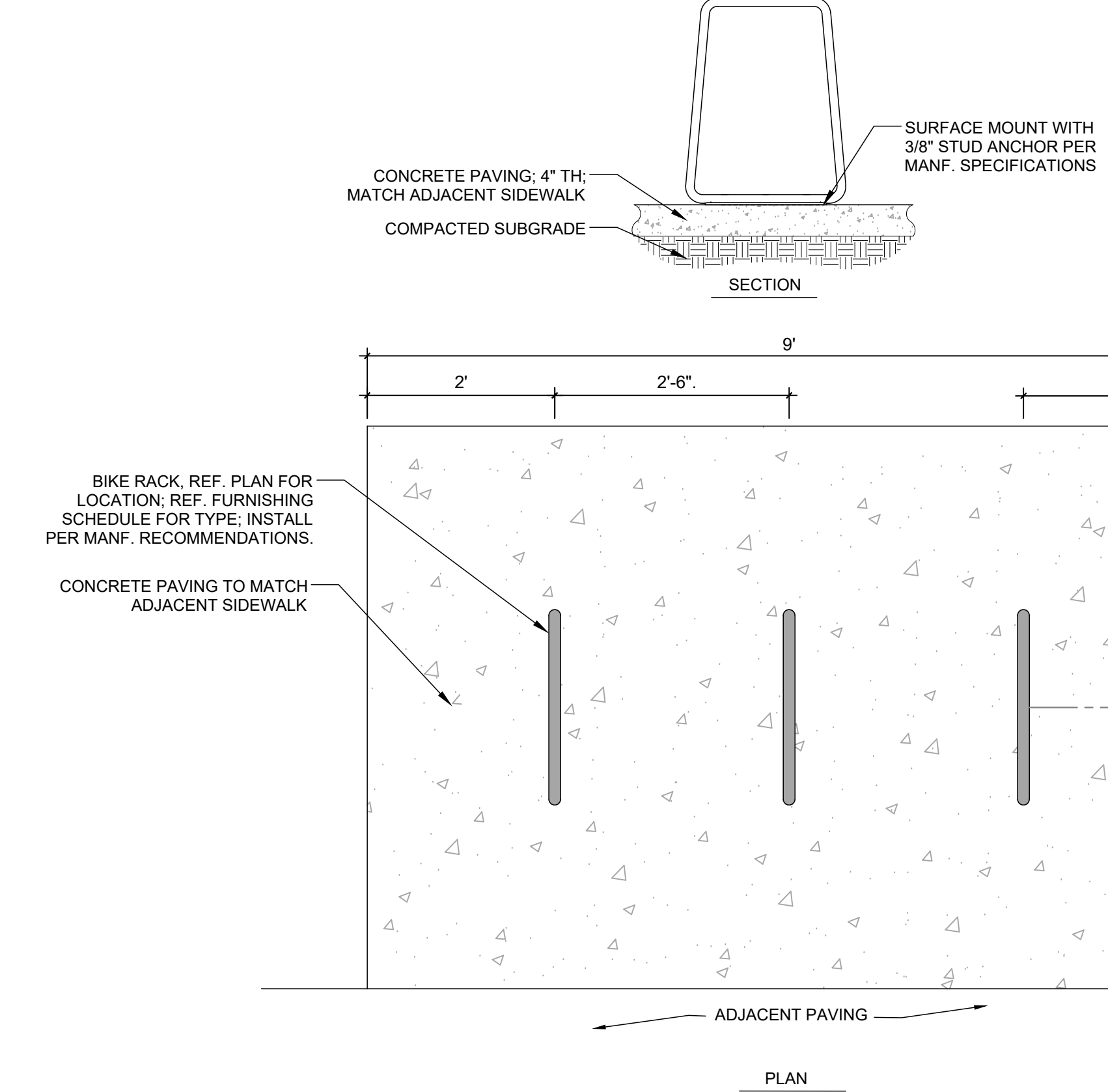
- NOTES:
1. JERITH PATRIOT FENCE (OR EQUAL): 48 - 72" HT. AS INDICATED ON PLAN; 4 GAUGE BLACK, VINI COATED WWM
 - JERITH MANUFACTURING LLC. WWW.JERITH.COM; P:(215) 676-4068
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.

06 ORNAMENTAL PLAYGROUND FENCE

$$3/4" = 1'-0"$$


- NOTES:
1. BOLLARD BY CALPIPE 4" SECURITY BOLLARD OR APPROVED EQUAL.
 2. FIXED: SSF04040 LIGHT SECURITY STAINLESS STEEL FLAT TOP @ 6' O.C. TYPICAL.
 3. BOLLARDS COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.
 4. APPROVED ALTERNATE: TRAFFIC GUARD RFP 660F.

05 FIXED BOLLARD

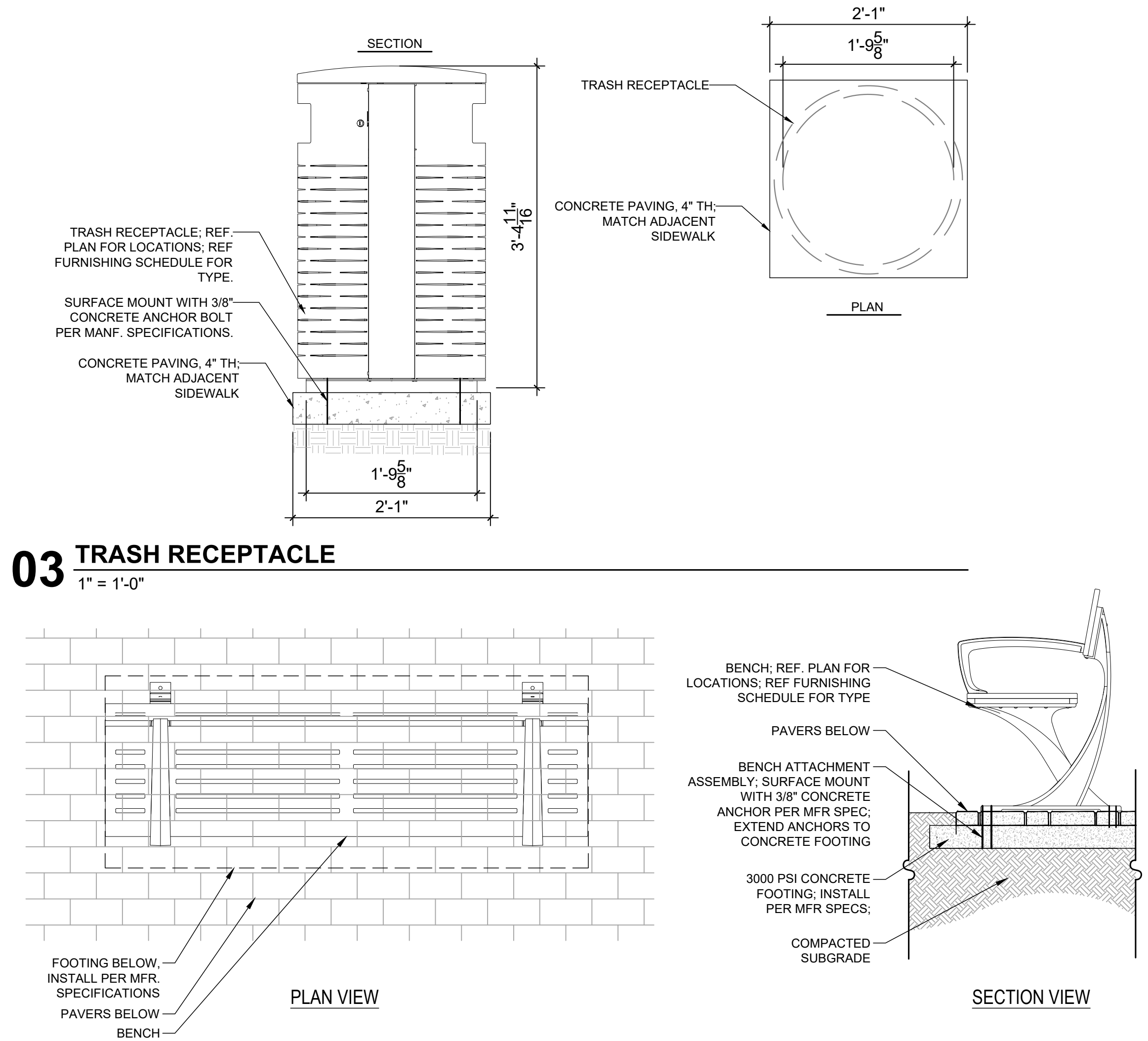
$$1'' = 1' - 0''$$


- BIKE RACK, REF. PLAN FOR-
LOCATION; REF. FURNISHING
SCHEDULE FOR TYPE; INSTALL
PER MANF. RECOMMENDATIONS.

CONCRETE PAVING TO MATCH
ADJACENT SIDEWALK

PLAN

04 BIKE RACK

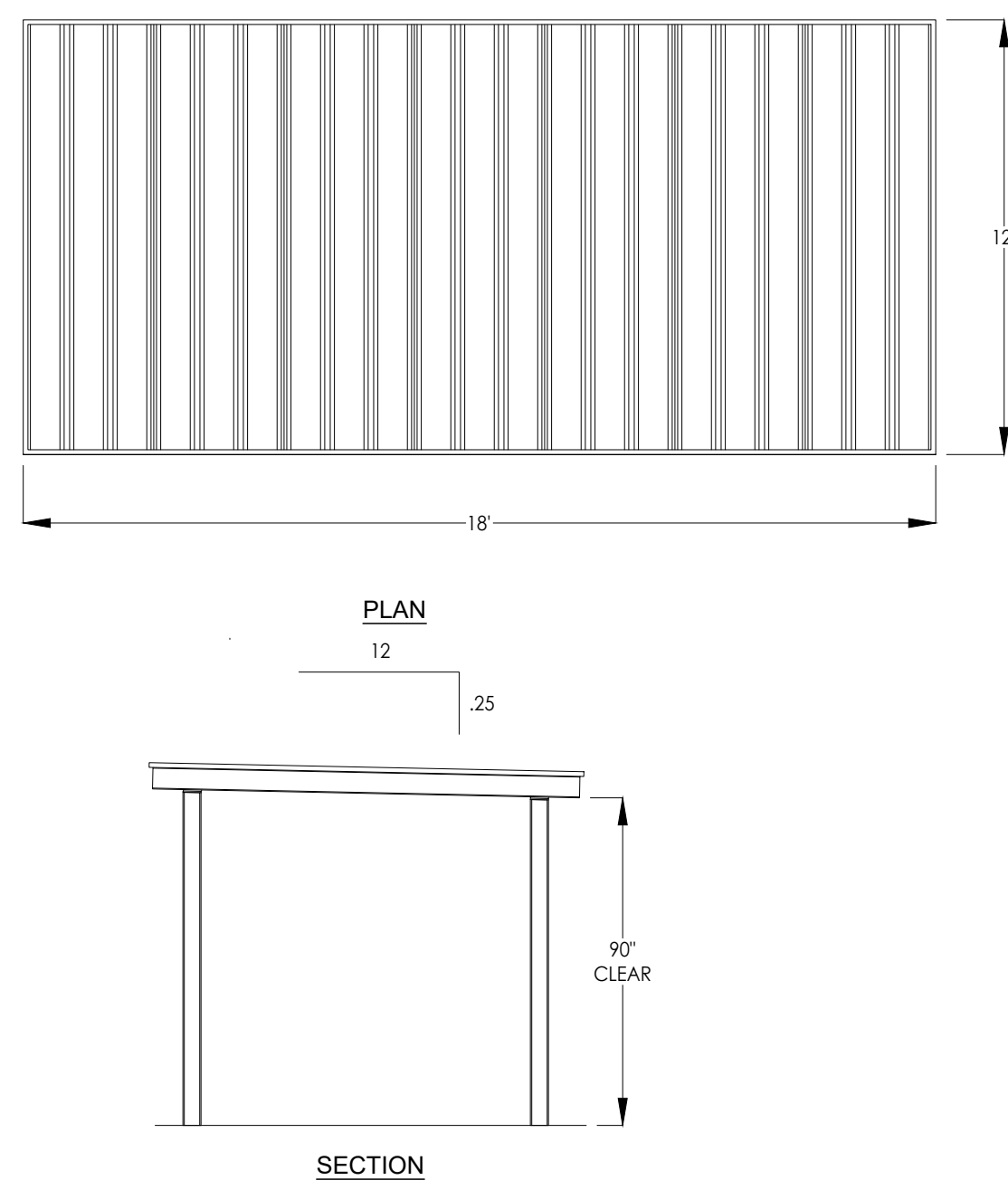
$$\frac{3}{4}'' = 1'-0''$$


03 TRASH RECEPTACLE

$$1'' = 1' - 0''$$

02 BENCH ON PAVERS

02 3/4" = 1'-0'



- NOTES:
1. PAVILION TO BE 12'X18' , TONGUE AND GROOVE UNDER DECK; 24 GA. MONOSLOPE METAL ROOF WITH POWDER COATED STEEL COLUMNS AND ARCHITECTURAL WOOD ACCENT BEAMS. EXPOSED WOOD WILL HAVE A SEMI-TRANSPARENT FACTORY APPLIED STAIN.
 2. ALL STAIN AND METAL COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER STANDARD COLORS.
 3. CONTRACTOR TO PROVIDE ENGINEERED SHOP DRAWINGS. INCLUDING FOOTINGS, FOR APPROVAL BY LANDSCAPE ARCHITECT SHOP DRAWINGS TO INCLUDE FOOTINGS TO MEET LOCAL CODES.



CHARACTER IMAGE - FOR REFERENCE ONLY

01 PAVILION

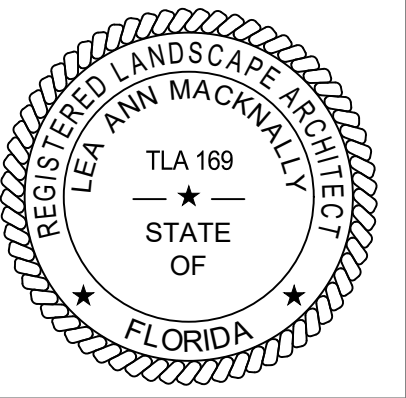
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SHEET NUMBER:

L2-3

6/24/2022 10:35:03 AM
BIM 360.121109 PANAMA CITY MLK - New Building - Scheme 2.1M



CCR ARCHITECTURE &
INTERIORS

MARTIN LUTHER KING JR. RECREATION CENTER

705 14TH COURT EAST
PANAMA CITY, FL 32401

JOB NUMBER:
21109

DATE:
05/18/2023

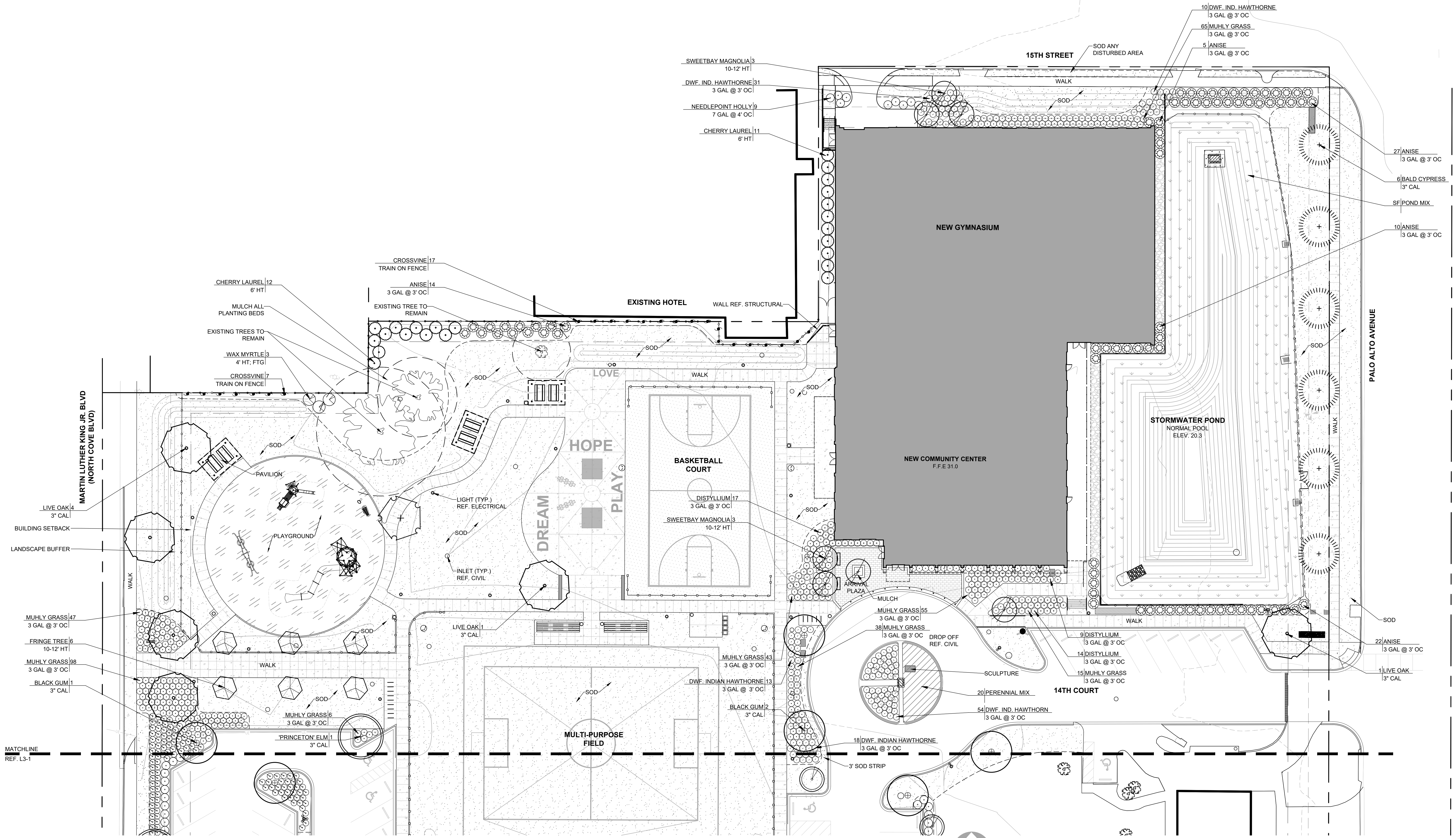
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SITE PLANTING
PLAN - NORTH

SHEET NUMBER:

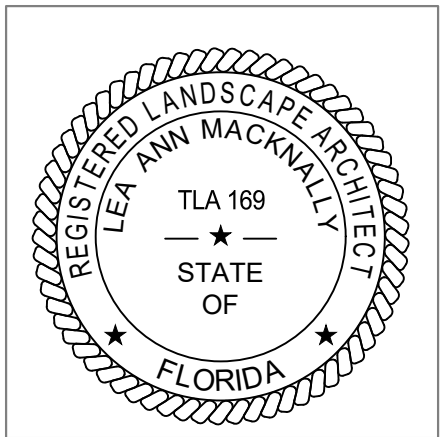
L3-0



01 SITE PLANTING PLAN - NORTH
SCALE: 1"=20'-0"

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06/20/2023 10:59:56 AM
705 14TH COURT EAST, PANAMA CITY, FL 32401
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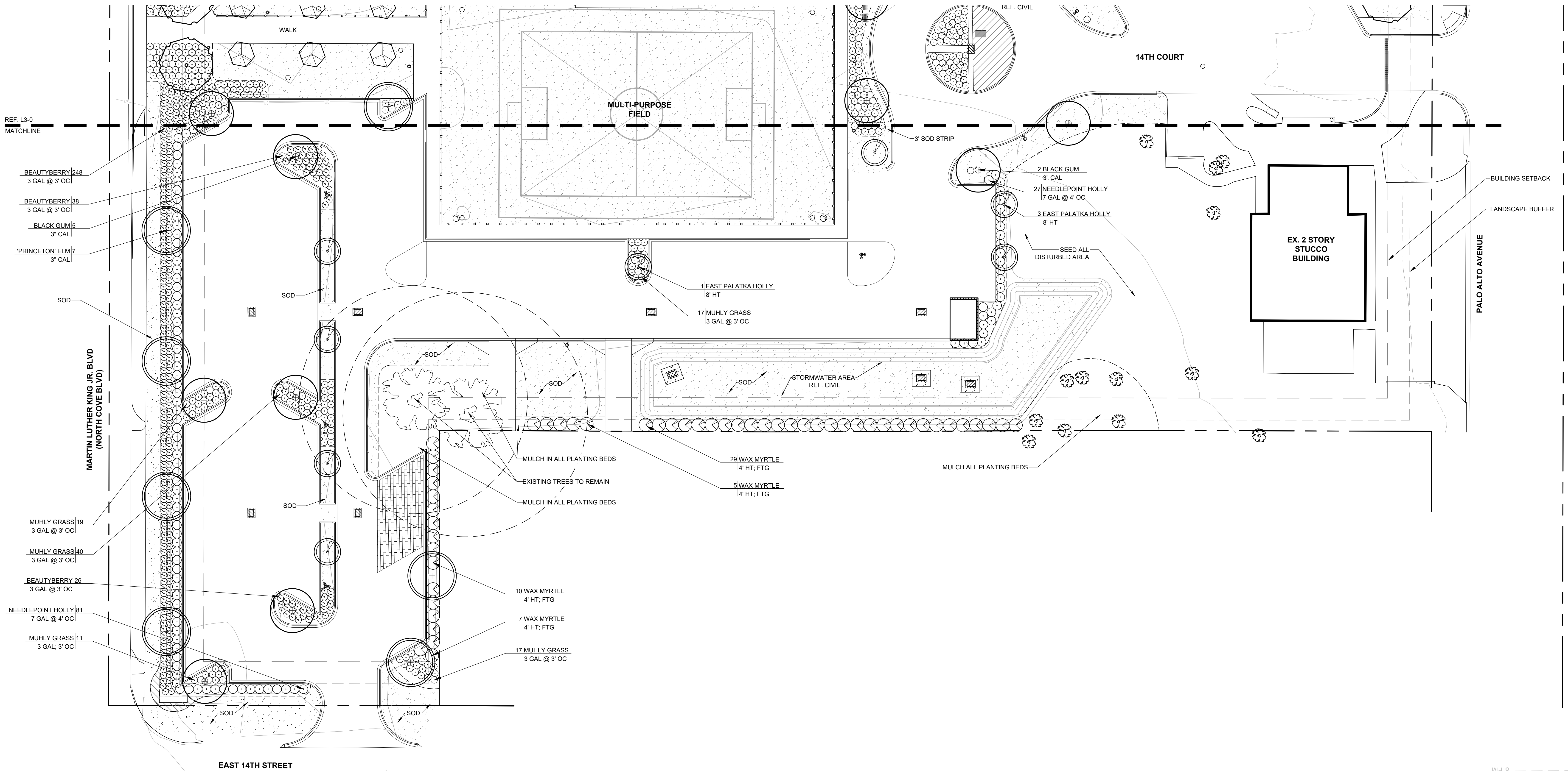
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SITE PLANTING
PLAN - SOUTH

SHEET NUMBER:

L3-1

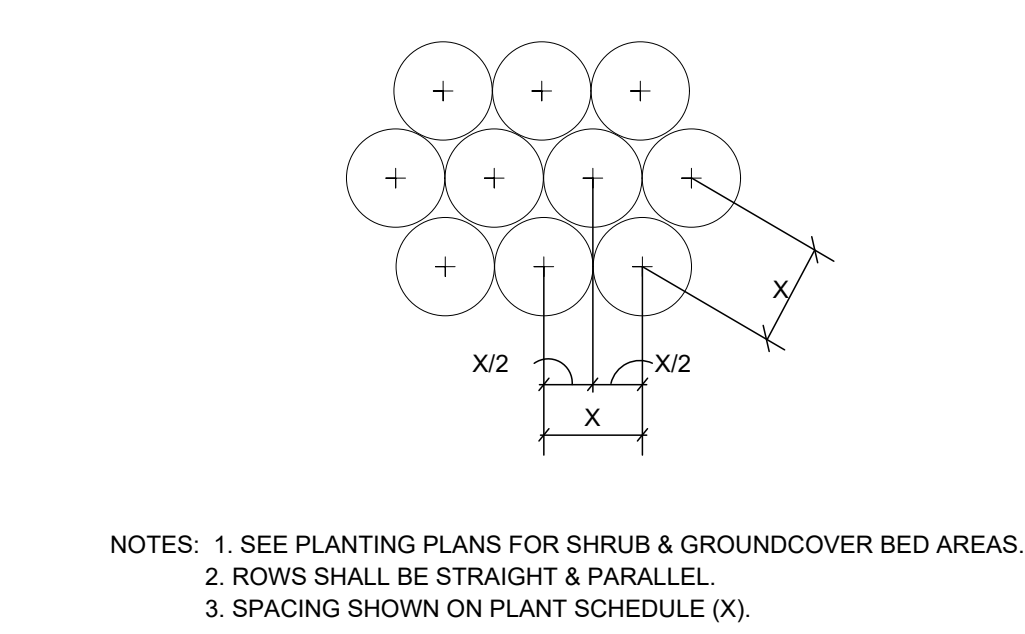


01 SITE PLANTING PLAN - SOUTH
SCALE: 1"=20'-0"

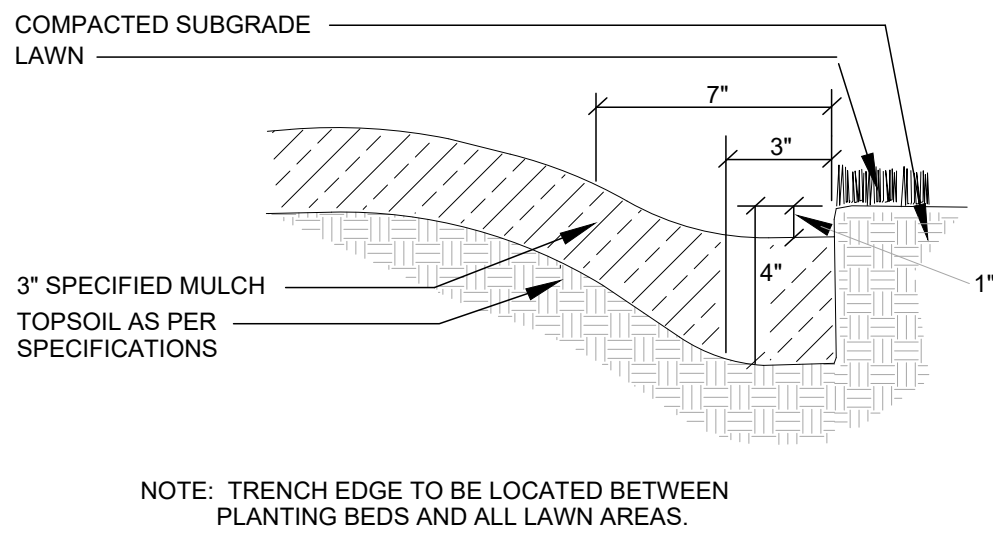
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600 2023-0128 PANAMA CITY BLVD 103 PANAMA CITY, FL 32401
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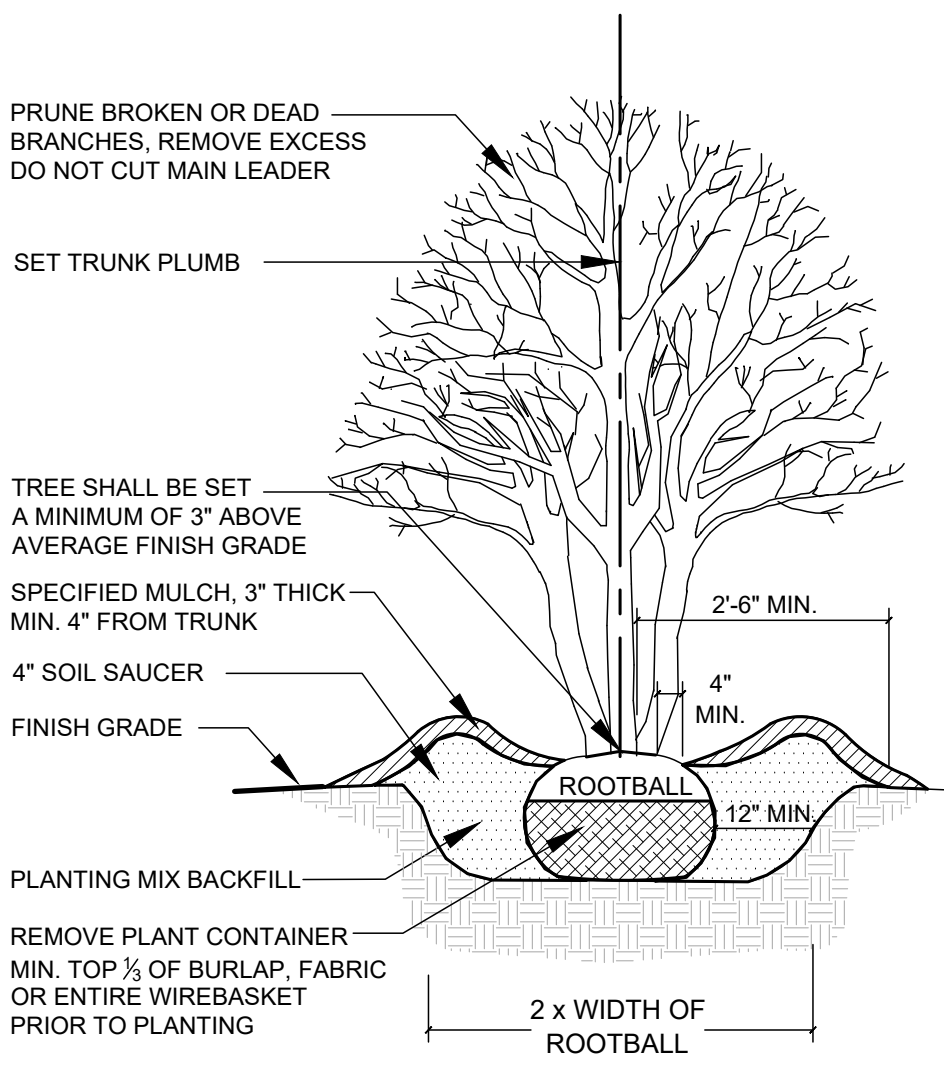
PLANT SCHEDULE							
BOTANICAL NAME	COMMON NAME	CAL.	HT.	SPD	SIZE/R.B.	SPG.O.C.	COMMENTS
TREES							
QUERCUS VIRGINIANA	LIVE OAK	3"	14-16'	6-7"	32-34"	AS SHOWN ON PLANS	STRONG CENTRAL LEADER; WELL-BRANCHED
MAGNOLIA VIRGINIANA 'AUSTRALIS'	SWEETBAY MAGNOLIA		10-12'	5-7"	34-36"	AS SHOWN ON PLANS	MULTI-TRUNK; 3 TRUNK MIN.; WELL-BRANCHED
TAXODIUM DISTICHUM 'SHAWNEE BRAVE'	BALD CYPRESS	3"	8-10'	4-5"	28-30"	AS SHOWN ON PLANS	STRONG CENTRAL LEADER; WELL-BRANCHED
CHIONANTHUS VIRGINICUS	FRINGE TREE		10-12'	4-5"	28-30"	AS SHOWN ON PLANS	MULTI-TRUNK; 3 TRUNK MIN.; WELL-BRANCHED
NYSSA SYLVATICA 'WILDFIRE'	BLACK GUM	3"	11-12'	7-8"	32-34"	AS SHOWN ON PLANS	STANDARD TRUNK; WELL-BRANCHED
ULMUS AMERICANA	PRINCETON' ELM	3"	13-15'	5-6"	32-34"	AS SHOWN ON PLANS	MULTI-TRUNK; 3 TRUNK MIN.
ILEX ATTENUATA 'EAST PALATKA'	EAST PALATKA' HOLLY		8'	5'	32-34"	AS SHOWN ON PLANS	STANDARD; LIMBED UP
MYRICA CERIFERA	WAX MYRTLE		4'	30-36"		AS SHOWN ON PLANS	FULL TO GROUND
SHRUBS							
ILLICIUM PARVIFLORUM	OCALA ANISE		24-30"	24-30"	3 GAL	3'	FULL PLANT
DISTYLIUM 'VINTAGE JADE'	VINTAGE JADE DISTYLIUM		24-30"	24-30"	3 GAL	3'	FULL PLANT
RHAPHOLEPIS INDICA 'SNOW WHITE'	DWARF INDIAN HAWTHORN		24-30"	24-30"	3 GAL	3'	FULL PLANT
MUHLENBERGIA CAPPILARIS 'WHITE CLOUD'	MUHL' GRASS		24-30"	24-30"	3 GAL	3'	FULL PLANT
CALLICARPA AMERICANA	AMERICAN BEAUTYBERRY		24-30"	24-30"	3 GAL	3'	FULL PLANT
ILEX CORNUTA 'NEEDLE POINT'	NEEDLEPOINT HOLLY		30-36"	30-36"	7 GAL	4'	FULL PLANT
PRUNUS CAROLINANA 'BRIGHT-N-TIGHT'	CHERRY LAUREL		6'	2-4'	28-30"	8'	FULL TO GROUND
GROUND COVER							
POND MIX							EQUAL QUANTITY OF EACH
HELIANTHUS ANGUSTIFOLIUM	SWAMP SUNFLOWER				4" POT	2'	FULL PLANT
JUNCAS EFFUSUS	JUNCAS				4" POT	2'	FULL PLANT
PERENNIALS							
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED				1 QUART	2'	FULL PLANT
RUDEBECKIA HIRTA	BLACK EYED SUSAN				1 QUART	2'	FULL PLANT
SOD							
ZOYZIA 'MEYERS'	ZOYSIA 'MEYERS'						FREE OF WEEDS



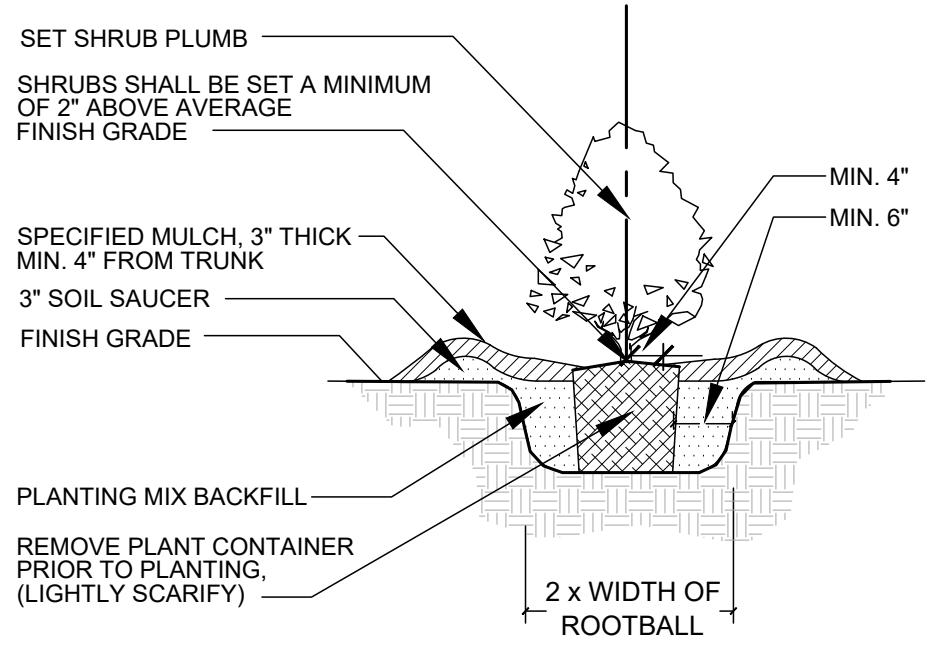
08 DETAIL TYPICAL STAGGERED ROW SPACING
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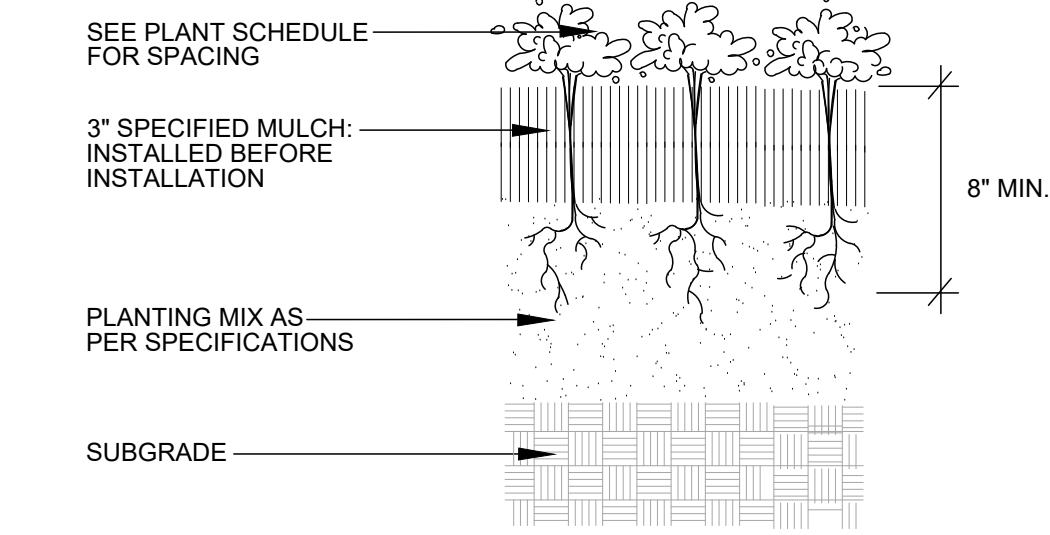
07 TRENCH EDGER DETAIL FOR ALL BEDS
NOT TO SCALE



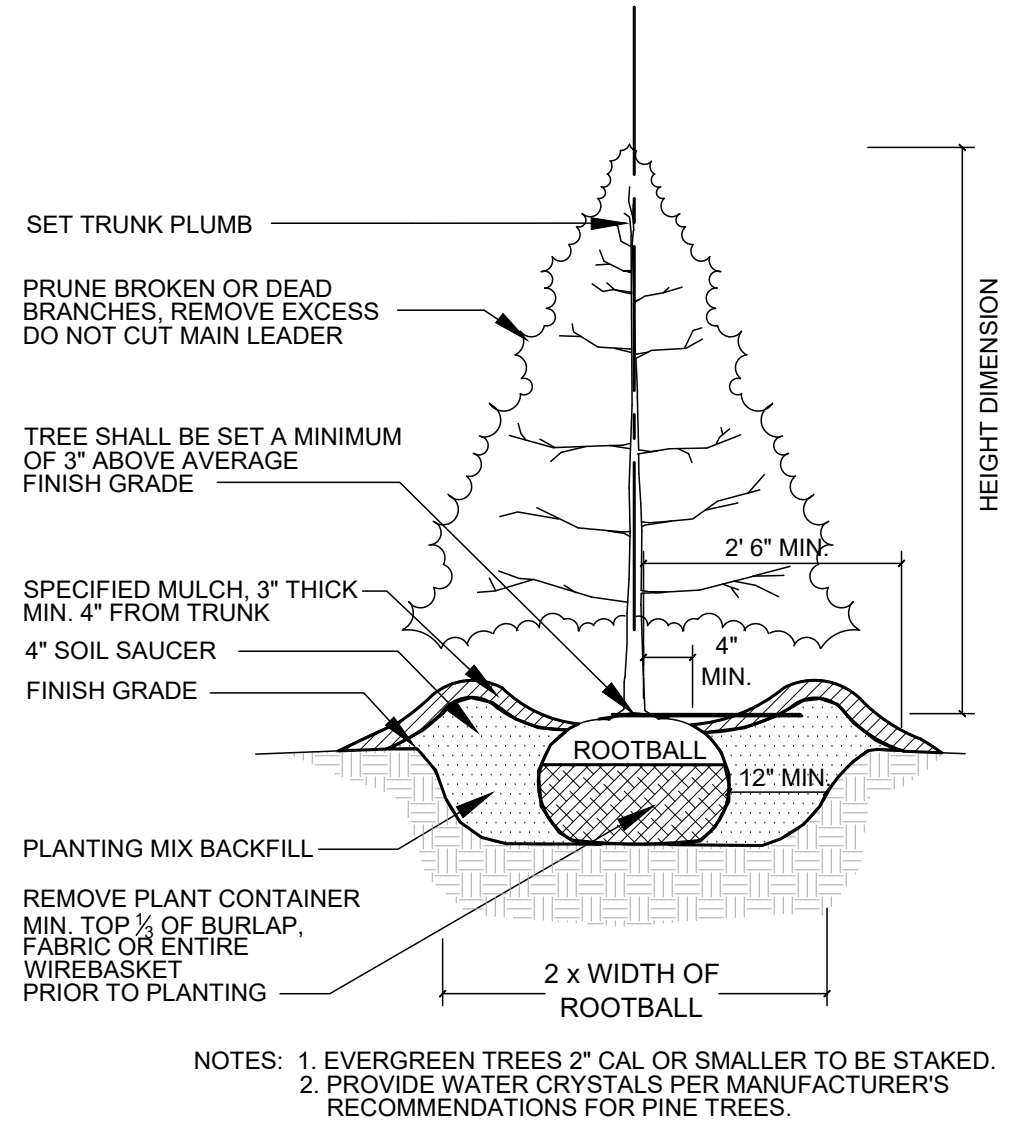
06 DETAIL MULTI-TRUNKED TREE PLANTING
NOT TO SCALE



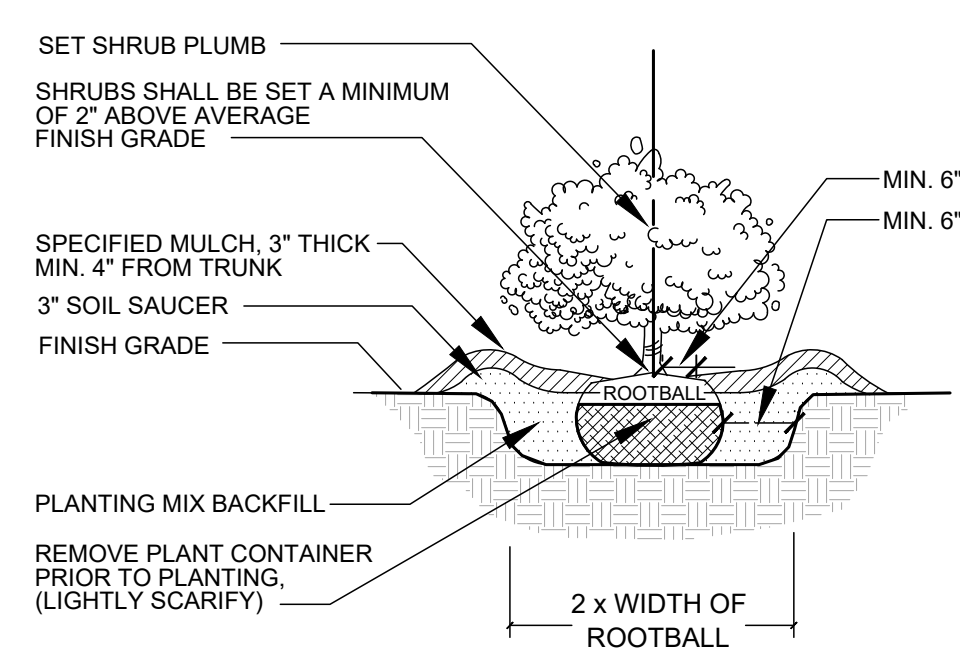
05 B & B SHRUB DETAIL
NOT TO SCALE



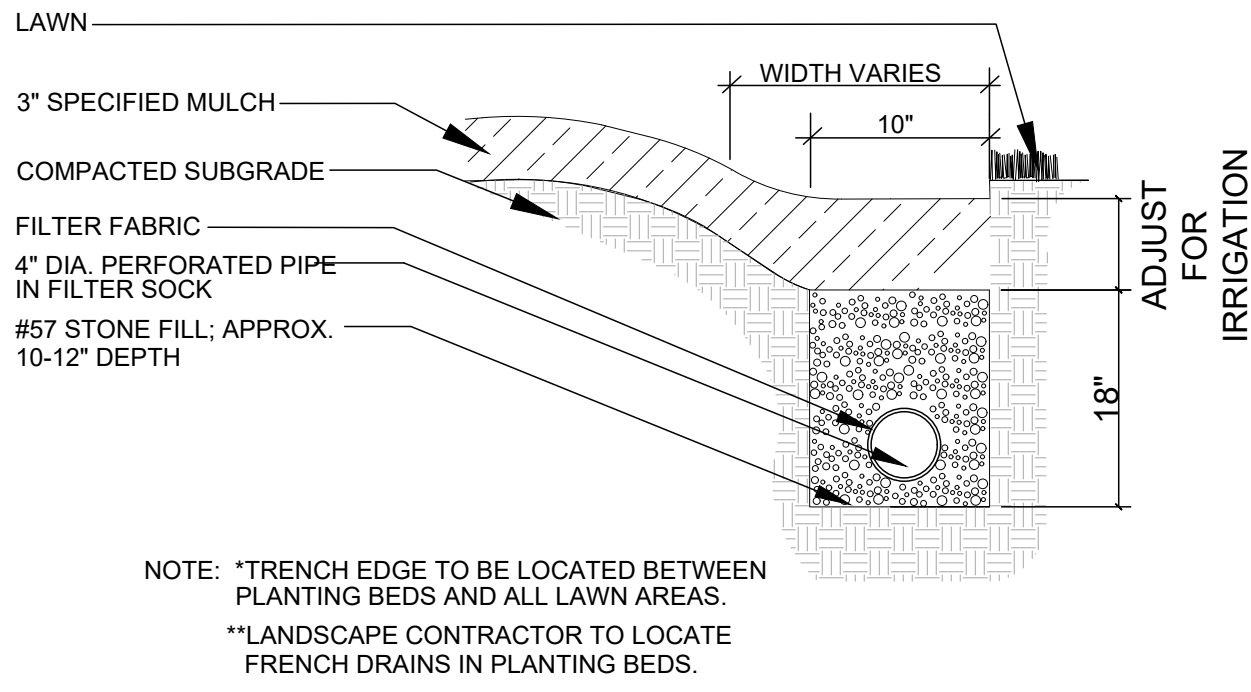
04 GROUND COVER DETAIL
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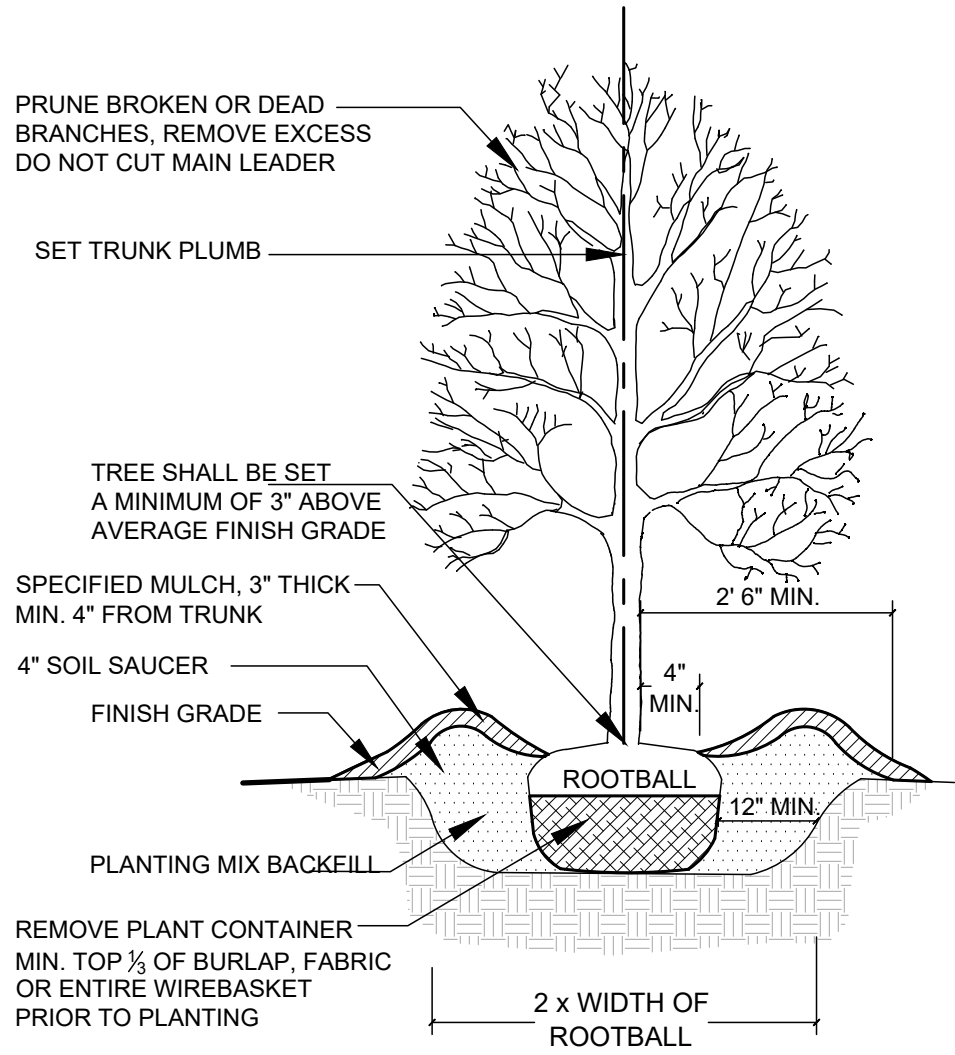
03 DETAIL EVERGREEN TREE PLANTING
NOT TO SCALE



02 B & B SHRUB DETAIL
NOT TO SCALE



01 FRENCH DRAIN AT BED EDGE
NOT TO SCALE



09 DETAIL TYPICAL TREE PLANTING
NOT TO SCALE

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