

GENERAL CONSTRUCTION NOTES

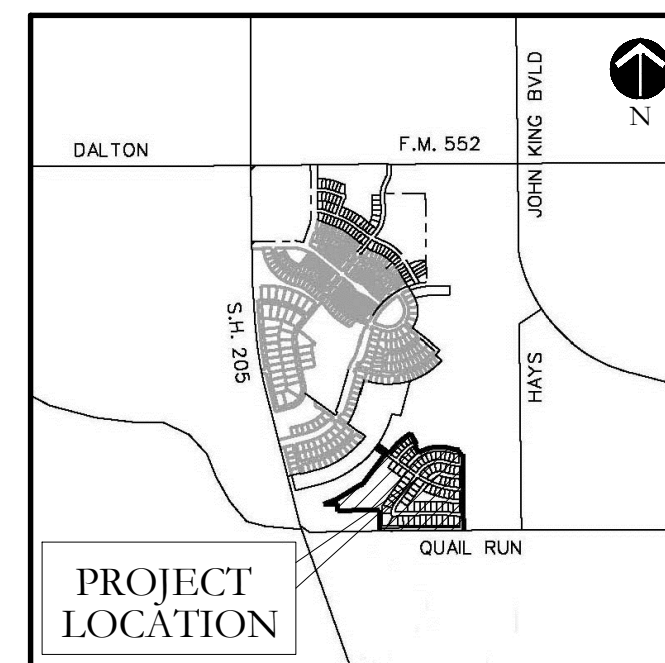
- ALL CONSTRUCTION, TESTING, AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY'S CURRENT STANDARDS, DETAILS, AND SPECIFICATIONS.
- PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL BE FAMILIAR WITH THE PLANS INCLUDING ALL NOTES, STANDARD SPECIFICATIONS, DETAILS, AND CITY STANDARDS.
- TESTING AND INSPECTION OF MATERIALS SHALL BE PERFORMED BY A COMMERCIAL TESTING LABORATORY APPROVED BY THE CLIENT AND CITY. CONTRACTOR SHALL FURNISH MATERIALS OR SPECIMENS FOR TESTING, AND SHALL FURNISH SUITABLE EVIDENCE THAT THE MATERIALS PROPOSED TO BE INCORPORATED INTO THE WORK ARE IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY CONSTRUCTION.
- CONTRACTOR MUST KEEP AVAILABLE ON-SITE AT ALL TIMES APPROVED CONSTRUCTION PLANS AND COPIES OF ANY REQUIRED PERMITS ALONG WITH THE CURRENT VERSIONS OF THE FOLLOWING REFERENCES: CITY OF ROCKWALL ENGINEERING STANDARDS, NCTCOG SPECIFICATIONS, TXDOT SPECIFICATIONS, TXDOT STANDARD DRAWINGS.
- ALL SHOP DRAWINGS, WORKING DRAWINGS OR OTHER DOCUMENTS WHICH REQUIRE REVIEW BY THE CITY SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF SCHEDULED CONSTRUCTION TO ALLOW NO LESS THAN 14 CALENDAR DAYS FOR REVIEW AND RESPONSE BY THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CONSTRUCTION SURVEYING AND STAKING AND SHALL NOTIFY THE CLIENT AND CITY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH ANY WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SURVEY MARKERS INCLUDING IRON RODS, PROPERTY CORNERS, OR SURVEY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION AND OUTSIDE ROW DURING CONSTRUCTION. ANY SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CLIENT.
- CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND DRIVEWAYS ADJACENT TO THE PROJECT FREE OF MUD AND DEBRIS AT ALL TIMES. CONTRACTOR SHALL CLEAN UP AND REMOVE ALL LOOSE MATERIAL RESULTING FROM CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST.
- THE EXISTENCE AND LOCATIONS OF THE PUBLIC AND FRANCHISE UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING, TRENCHING, OR DRILLING AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND / OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PUBLIC AGENCIES AND FRANCHISE UTILITIES 48 HOURS PRIOR TO CONSTRUCTION. (DIG-TIES 1-800-344-8377). THE CONTRACTOR MAY BE REQUIRED TO EXPOSE THESE FACILITIES AT NO COST TO THE CITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO UTILITIES IF THE DAMAGE IS CAUSED BY NEGLIGENCE OR FAILURE TO HAVE LOCATES PERFORMED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ADJACENT PROPERTIES DURING CONSTRUCTION. ANY REMOVAL OR DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED OR REPAIRED TO EQUAL OR BETTER CONDITION BY THE CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL TEMPORARY AND PERMANENT TRAFFIC CONTROL IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE LATEST REVISION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) AND TXDOT BARRICADE AND CONSTRUCTION STANDARDS.
- CONTRACTOR SHALL NOT IMPEDE TRAFFIC ON EXISTING STREETS, DRIVEWAYS, ALLEYS, OR FIRE LANES OPEN TO THE PUBLIC. IN THE EVENT THE CONSTRUCTION WORK REQUIRES THE CLOSURE OF AN EXISTING STREET, ALLEY, OR FIRE LANE, THE CONTRACTOR SHALL REQUEST THE ROAD CLOSURE THROUGH THE CITY TRAFFIC DIVISION.
- CONTRACTOR SHALL NOT STORE MATERIALS, EQUIPMENT OR OTHER CONSTRUCTION ITEMS ON ADJACENT PROPERTIES OR RIGHT-OF-WAY WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROPERTY OWNER AND THE CITY.
- TEMPORARY FENCING SHALL BE INSTALLED PRIOR TO THE REMOVAL OF EXISTING FENCING. TEMPORARY FENCING SHALL BE REMOVED AFTER PROPOSED FENCING IS APPROVED BY THE CITY. ALL TEMPORARY AND PROPOSED FENCING LOCATIONS SHALL BE SUBJECT TO FIELD REVISIONS AS DIRECTED BY THE CITY.
- UNUSABLE EXCAVATED MATERIAL, OR CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT AN APPROVED DISPOSAL FACILITY BY THE CONTRACTOR AT HIS EXPENSE.
- CONTRACTOR SHALL AVOID DAMAGE TO EXISTING TREES. WHEN NECESSARY, TREES AND SHRUB TRIMMING FOR CONSTRUCTION SHALL BE PERFORMED BY CERTIFIED TREE WORKER OR UNDER THE DIRECTION OF A REGISTERED LANDSCAPE ARCHITECT OR CERTIFIED ARBORIST.
- EROSION CONTROL DEVICES SHALL BE INSTALLED ON ALL PROJECTS PRIOR TO BEGINNING CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN A CONDITION ACCEPTABLE TO THE CITY.
- CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING LANDSCAPE IRRIGATION SYSTEMS. DAMAGE TO EXISTING IRRIGATION SYSTEMS AND LANDSCAPE MATERIALS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT NO COST TO CITY OR CLIENT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A NEAT AND ACCURATE RECORD OF CONSTRUCTION FOR THE CLIENT'S AND CITY'S RECORDS.

CONSTRUCTION PLANS FOR SCREENING AND BUFFERING

~STONE CREEK - PHASE VII~

CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

SUBMITTAL DATE June 22, 2016



LOCATION MAP
NOT TO SCALE

SHEET INDEX	
HS1	OVERALL LAYOUT PLAN
HS2-HS10	HARDSCAPE PLANS
HS11-HS13	HARDSCAPE DETAILS
L1-L13	LANDSCAPE PLANS
L14	LANDSCAPE DETAILS
IR1-IR13	IRRIGATION PLANS
IR14-IR15	IRRIGATION DETAILS
TR1-TR6	TREE SURVEY PLANS

GENERAL LANDSCAPE NOTES:

INSPECTIONS:

- NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT-CONTACT THE PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
- THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

LANDSCAPE STANDARDS:

- PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS, UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
- A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
- A STREET TREES, WHERE REQUIRED, SHALL BE (10') MINIMUM FROM THE EDGE OF A STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
- THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z601-2004) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
- TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) STANDARDS.
- A 2-3" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 4" FROM THE TRUNK OF THE TREE.
- TREE PTS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
- ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
- ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.
- NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

IRRIGATION STANDARDS:

- ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY.
- CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.
- IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.
- MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.
- ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.
- VALVES SHALL BE LOCATED A MINIMUM OF (3') AWAY FROM STORM SEWERS, AND SANITARY SEWER LINES AND 5 FEET FROM CITY FIRE HYDRANTS AND WATER VALVES.
- THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).
- IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.
- NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

MAINTENANCE STANDARDS:

- THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
- LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPAIRED.
- TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
- TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

TREE PROTECTION NOTES:

- CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR REPLANTING OF ANY TREES.
- ALL TREES WHICH ARE TO REMAIN ON SITE SHALL BE PROTECTED WITH A (4') TALL BRIGHTLY COLORED PLASTIC FENCE, OR SHIT FENCE, PLACED AT THE DRIP LINE OF THE TREES.
- PRIOR TO THE PRE-CONSTRUCTION MEETING OR OBTAINING A GRADING PERMIT, ALL TREE MARKINGS AND PROTECTIVE FENCING SHALL BE INSTALLED BY THE OWNER AND BE INSPECTED BY DEVELOPMENT SERVICES.
- NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.
- NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON SITE.
- VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF THE DRIP LINE.
- GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.
- NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE CITY.
- ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.
- ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.

OWNER / DEVELOPER:

MERITAGE HOMES OF TEXAS LLC
8840 CYPRESS WATERS BLVD.
UNIT #100
DALLAS, TEXAS 75019
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CONTACT: BOBBY SAMUEL

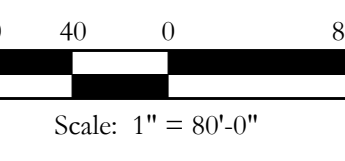
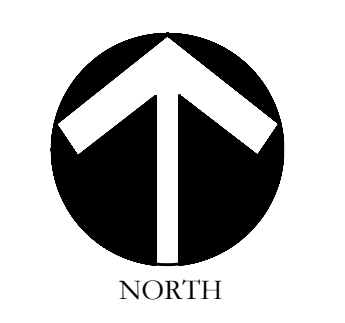
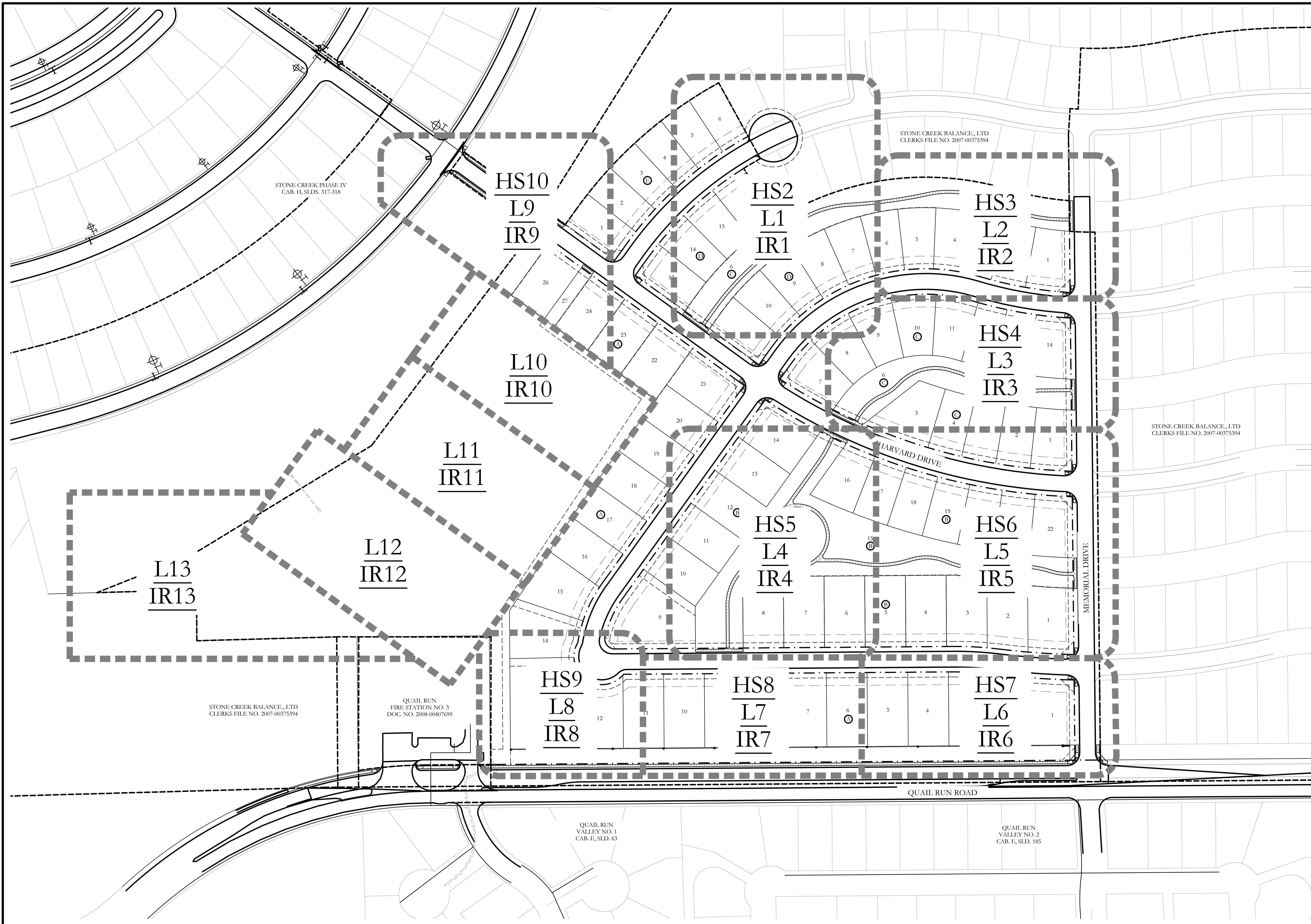
CIVIL ENGINEER:

CORWIN ENGINEERING
200 W. BELMONT
SUITE E
ALLEN, TEXAS 75013
PH. (972) 396-1200
CONTACT: BRANDON DAVIDSON

LANDSCAPE ARCHITECT:

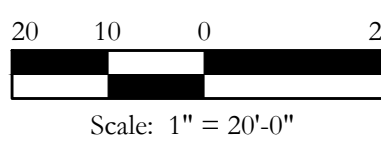
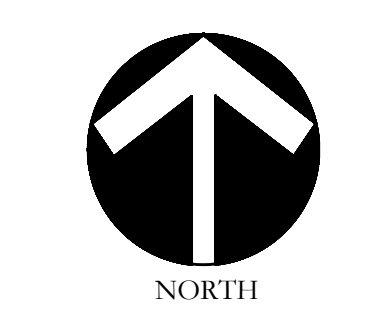
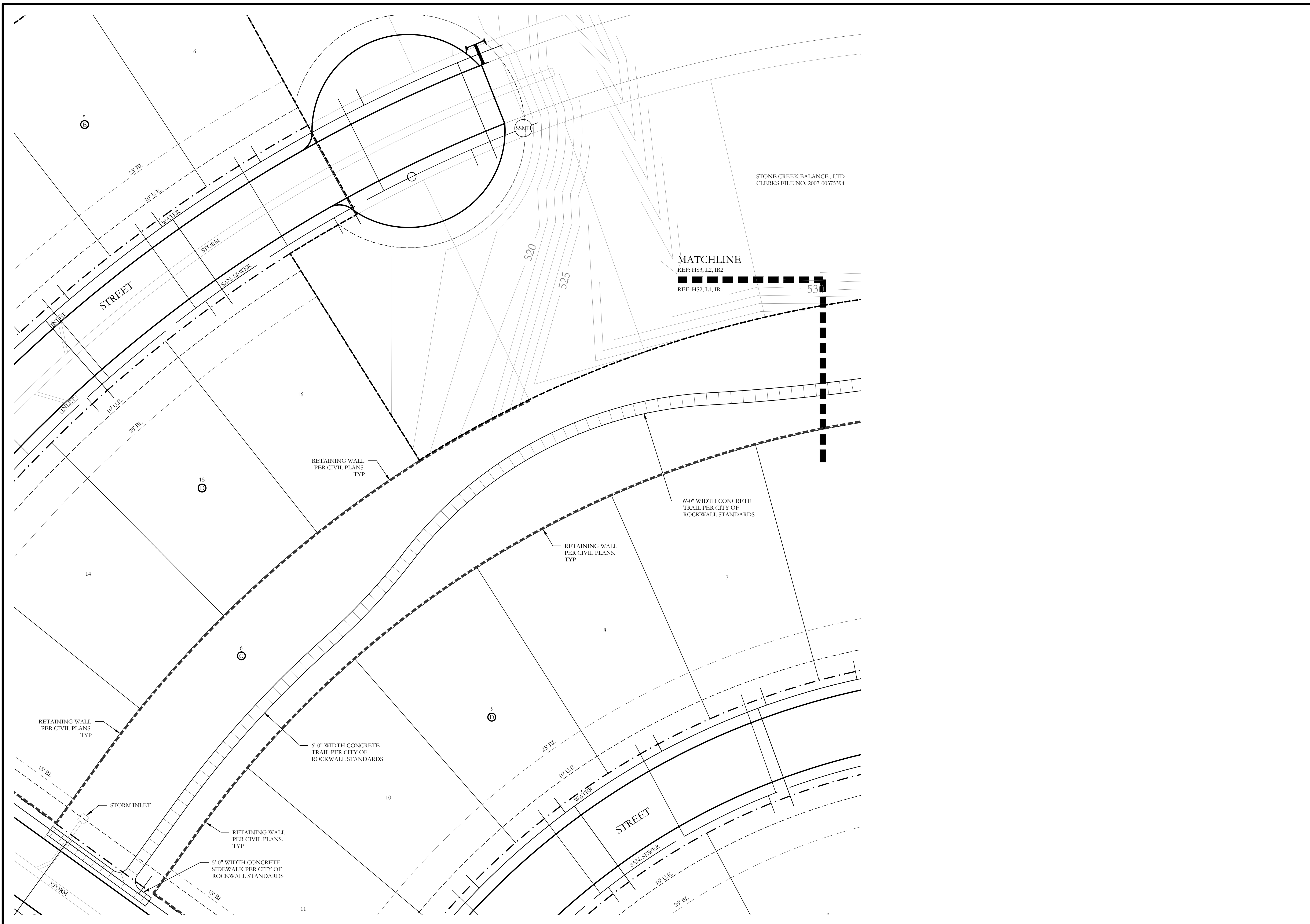
CODY JOHNSON STUDIO, LLC
12217 CHATTANOOGA DR.
FRISCO, TEXAS 75035
PH. (903) 570-0162
CONTACT: CODY JOHNSON, RLA, ASLA, LI





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One Inch

SCREENING AND BUFFERING
Overall Layout Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas



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One Inch

SCREENING AND BUFFERING
Hardscape Layout
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

MATCHLINE

REF: HS3, I,2, IR2

REF: HS2, I,1, IR1

531

535

STONE CREEK BALANCE, LTD
CLERKS FILE NO. 2007-00375394

5'-0" WIDTH CONCRETE
SIDEWALK PER CITY OF
ROCKWALL STANDARDS

RETAINING WALL
PER CIVIL PLANS.
TYP

6'-0" WIDTH CONCRETE
TRAIL PER CITY OF
ROCKWALL STANDARDS

5

4

3

2

1

15' BL.

10' U.E.

WATER

MEMORIAL DRIVE

STORM

25' BL.

10' U.E.

WATER

SAN. SEWER

10' U.E.

25' BL.

STREET

SSM1

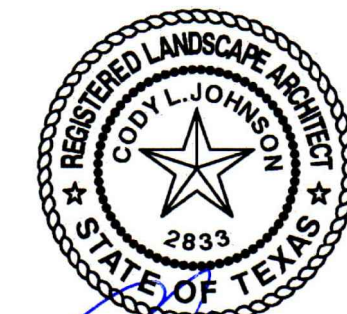
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NLHT

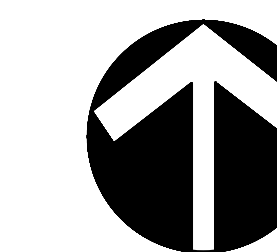
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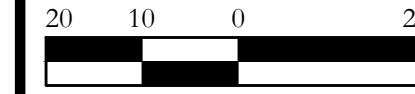
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January 12, 2016



NORTH



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One Inch

SCREENING AND BUFFERING

Hardscape Layout

Stone Creek Phase VII

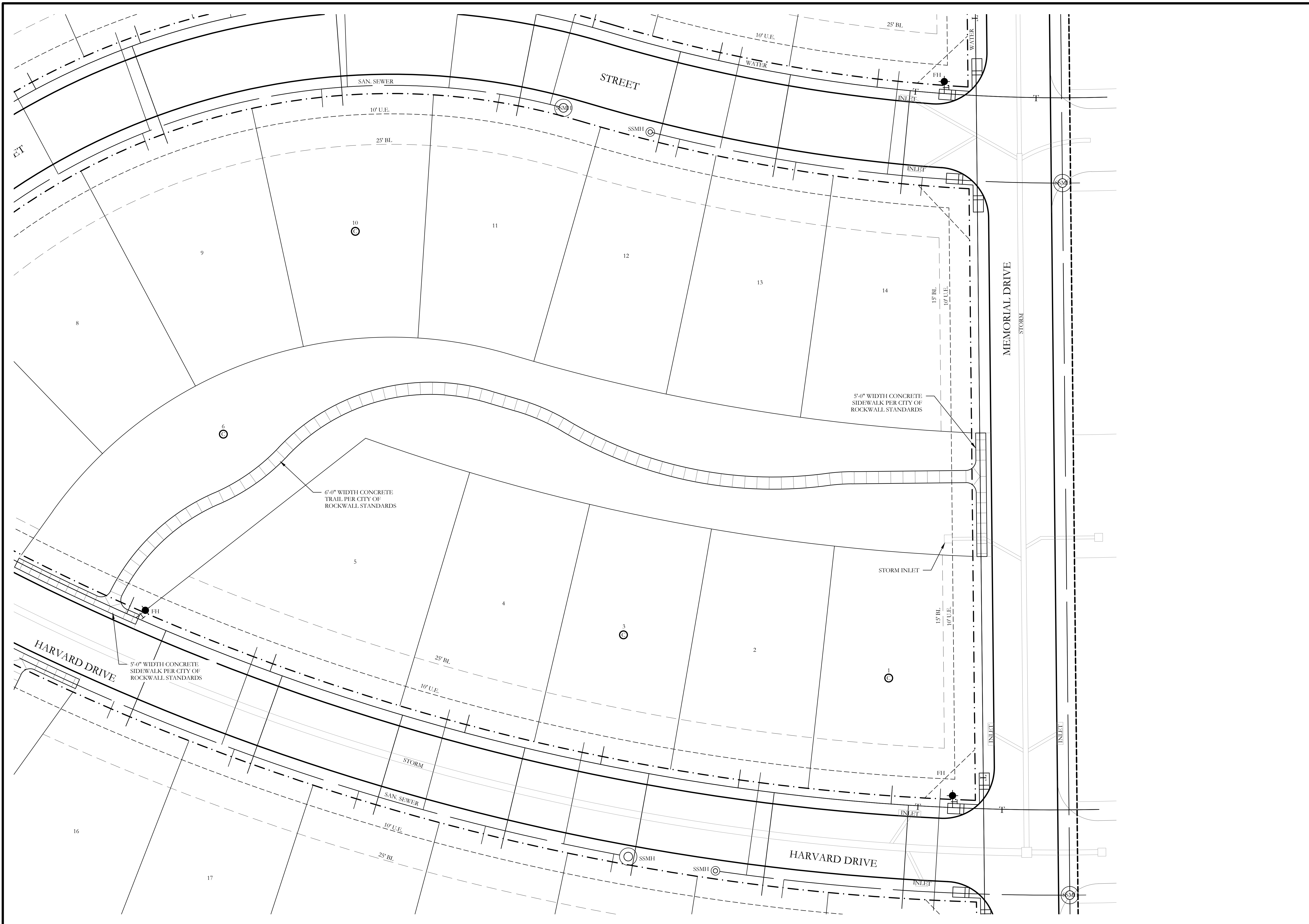
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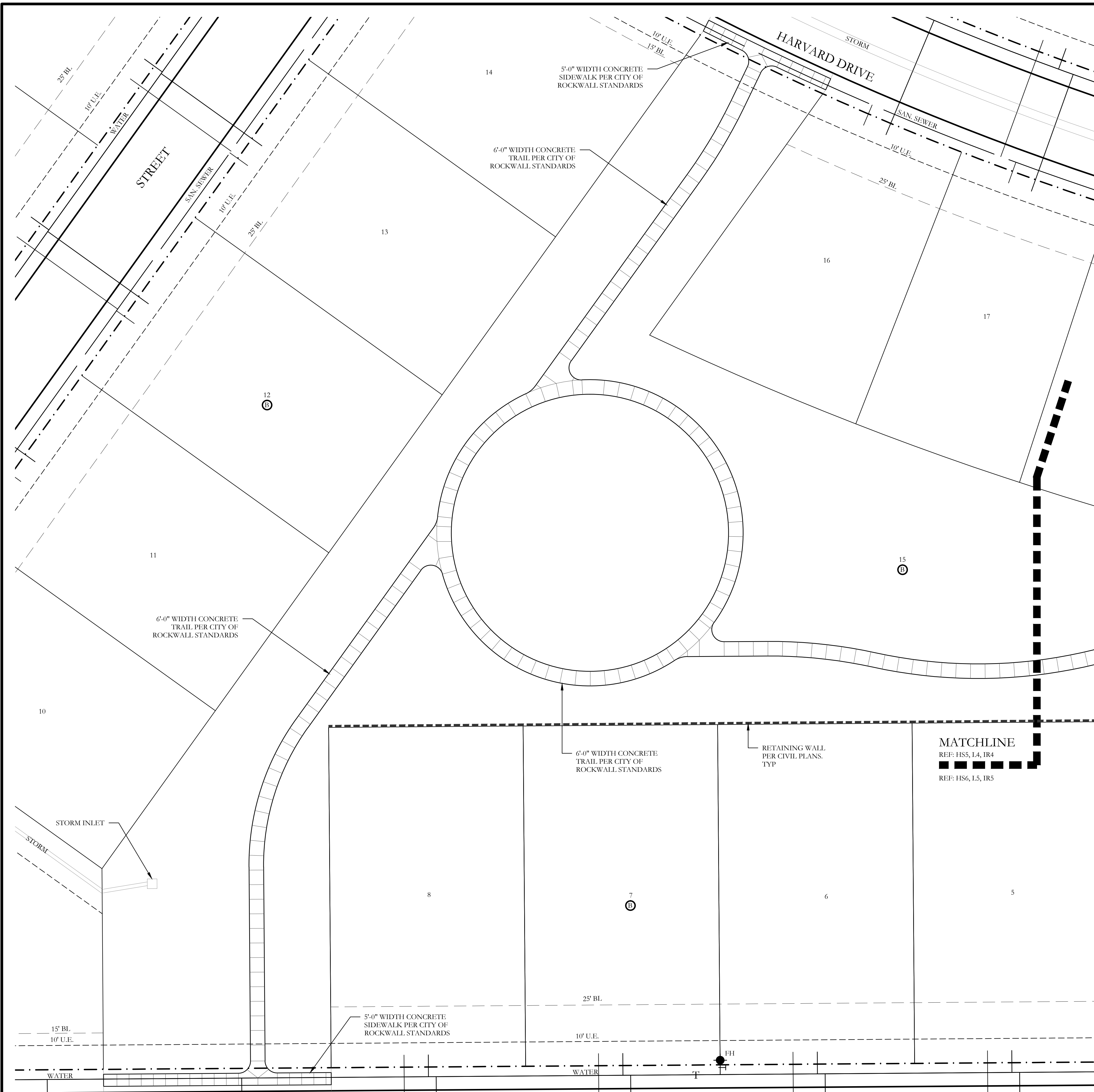
MTH002

SHEET NO.

HS3 of 13



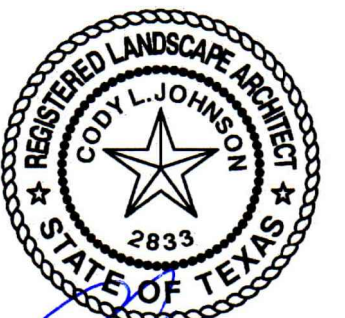
SCREENING AND BUFFERING
Hardscape Layout
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas



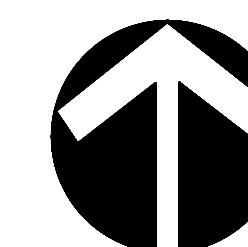
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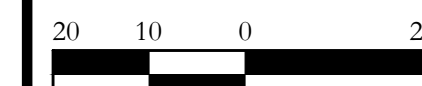
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SCREENING AND BUFFERING

Hardscape Layout

Stone Creek Phase VII

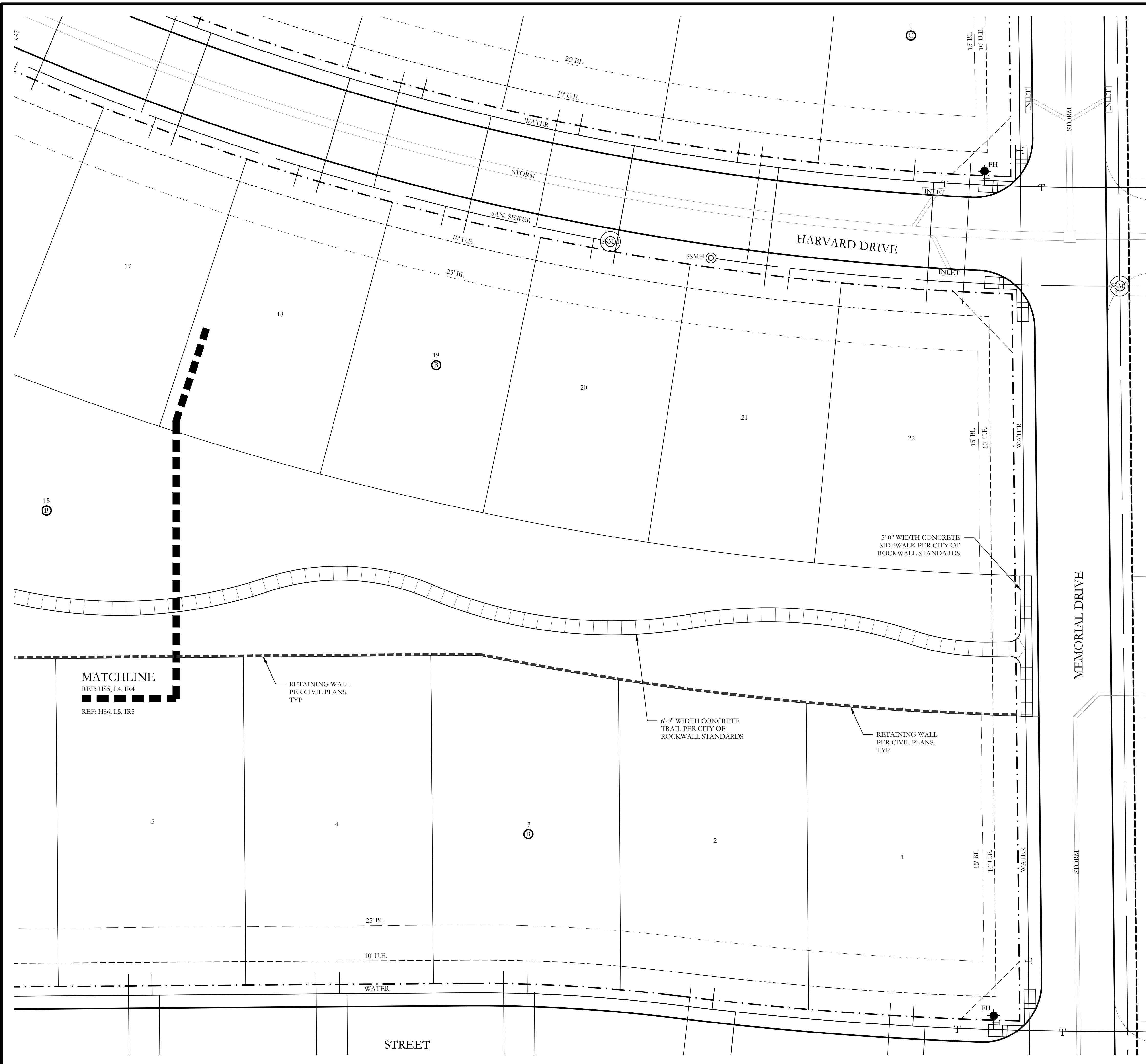
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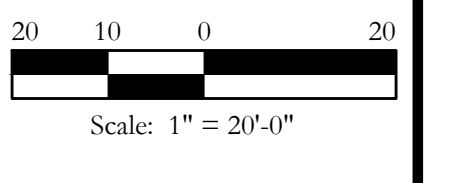
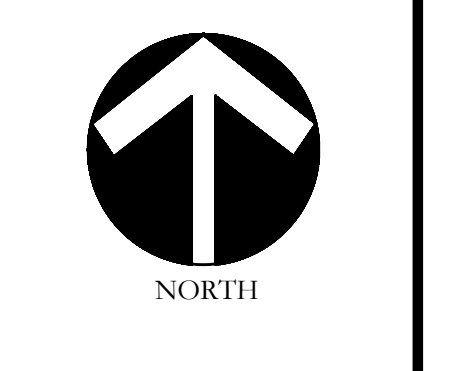
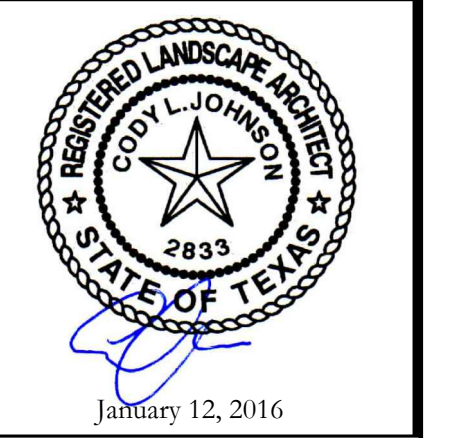
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HS5 of 13



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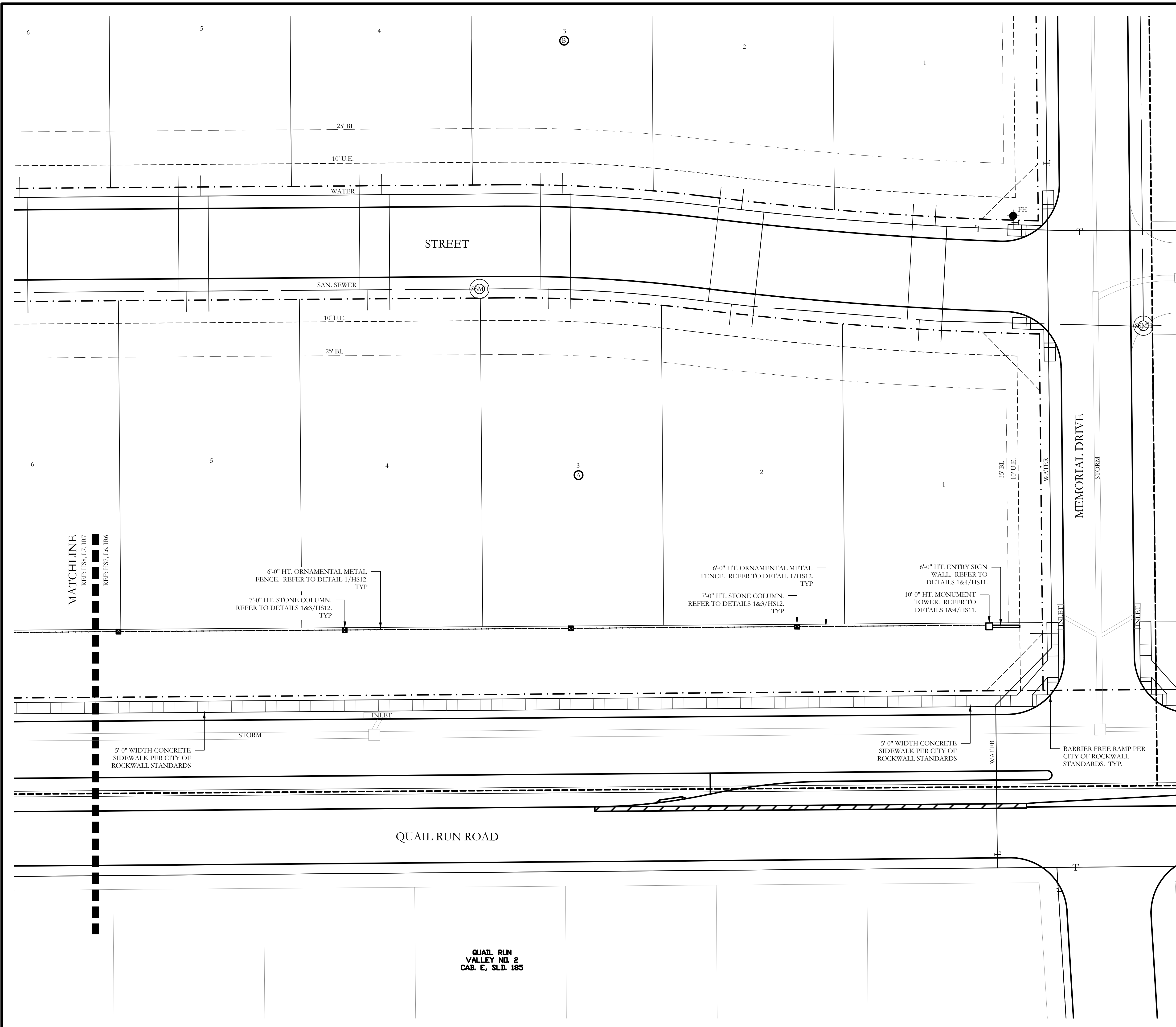
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One Inch

SCREENING AND BUFFERING
Hardscape Layout
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

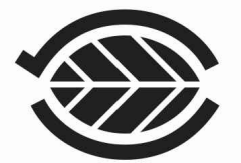
SHEET NO.
HS6 of 13



WALL LAYOUT NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPE AND STRUCTURES WHETHER OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ALL UNDERGROUND UTILITIES AND WILL BE RESPONSIBLE FOR COSTS INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES OR STRUCTURES CAUSED BY HIS FORCES.
2. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION, AS DESIGNED, WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS OR CONFLICTS EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROPOSED WALLS AND COLUMNS. THE OWNER'S ENGINEER SHALL STAKE THE LOCATIONS OF THE PROPERTY, R.O.W. LINES AND EASEMENTS.
4. THE CONTRACTOR SHALL STAKE ALL OF THE FENCE AND COLUMN LOCATIONS FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THE OWNER'S REPRESENTATIVE MAY MAKE MINOR ALTERATIONS TO THE LAYOUT AFTER STAKING AND BEFORE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
5. ALL "STEPS" IN THE WALL MADE NECESSARY BY GRADE CHANGES OR EXISTING SLOPE SHALL OCCUR ONLY AT MINOR OR MAJOR COLUMNS. THE MINIMUM "STEP" AT A COLUMN SHALL BE 3" AND THE MAXIMUM "STEP" AT A COLUMN SHALL BE 6".
6. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS.
7. THE ELECTRICAL WORK SHALL INCLUDE ALL NECESSARY CONDUITS, WIRE, FITTINGS, FIXTURES TRENCHING AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS AND CITY ACCEPTANCE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AS NEEDED FOR FENCE AND COLUMN INSTALLATION. THE CONTRACTOR SHALL RETURN THE SITE TO PRE-CONSTRUCTION CONDITION.

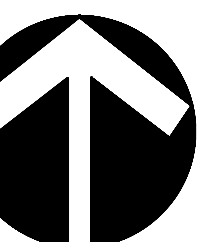
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NORTH



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SCREENING AND BUFFERING

Landscape Layout

Stone Creek Phase VII

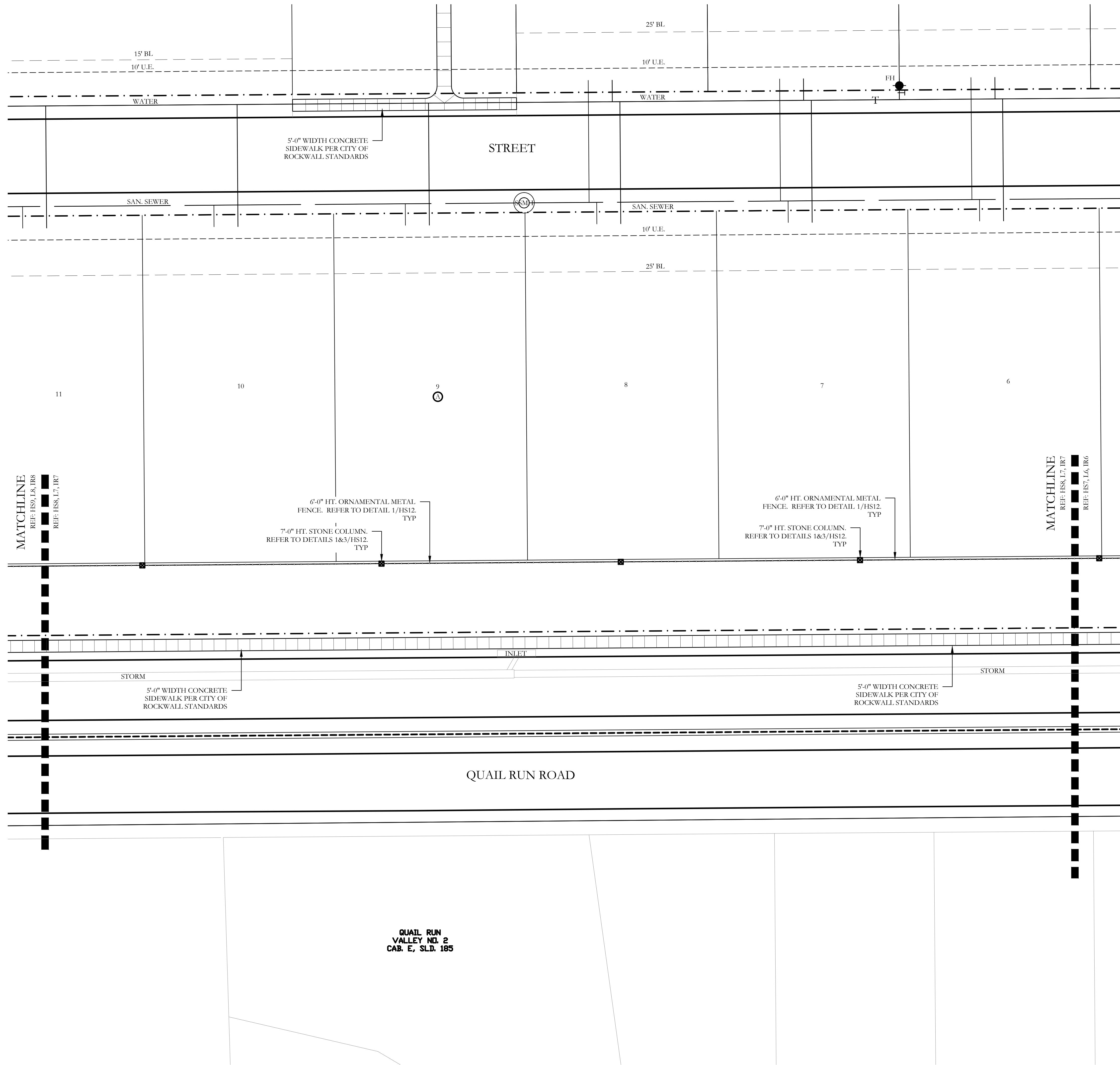
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.

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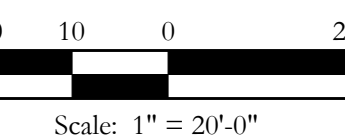
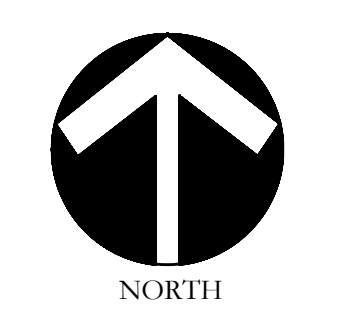
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WALL LAYOUT NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPE AND STRUCTURES WHETHER OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ALL UNDERGROUND UTILITIES AND WILL BE RESPONSIBLE FOR COSTS INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES OR STRUCTURES CAUSED BY HIS FORCES.
2. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION, AS DESIGNED, WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS OR CONFLICTS EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROPOSED WALLS AND COLUMNS. THE OWNER'S ENGINEER SHALL STAKE THE LOCATIONS OF THE PROPERTY, R.O.W. LINES AND EASEMENTS.
4. THE CONTRACTOR SHALL STAKE ALL OF THE FENCE AND COLUMN LOCATIONS FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THE OWNER'S REPRESENTATIVE MAY MAKE MINOR ALTERATIONS TO THE LAYOUT AFTER STAKING AND BEFORE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
5. ALL "STEPS" IN THE WALL MADE NECESSARY BY GRADE CHANGES OR EXISTING SLOPE SHALL OCCUR ONLY AT MINOR OR MAJOR COLUMNS. THE MINIMUM "STEP" AT A COLUMN SHALL BE 3" AND THE MAXIMUM "STEP" AT A COLUMN SHALL BE 6".
6. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS.
7. THE ELECTRICAL WORK SHALL INCLUDE ALL NECESSARY CONDUITS, WIRE, FITTINGS, FIXTURES TRENCHING AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS AND CITY ACCEPTANCE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AS NEEDED FOR FENCE AND COLUMN INSTALLATION. THE CONTRACTOR SHALL RETURN THE SITE TO PRE-CONSTRUCTION CONDITION.

CODY JOHNSON
s.t.u.d.i.o

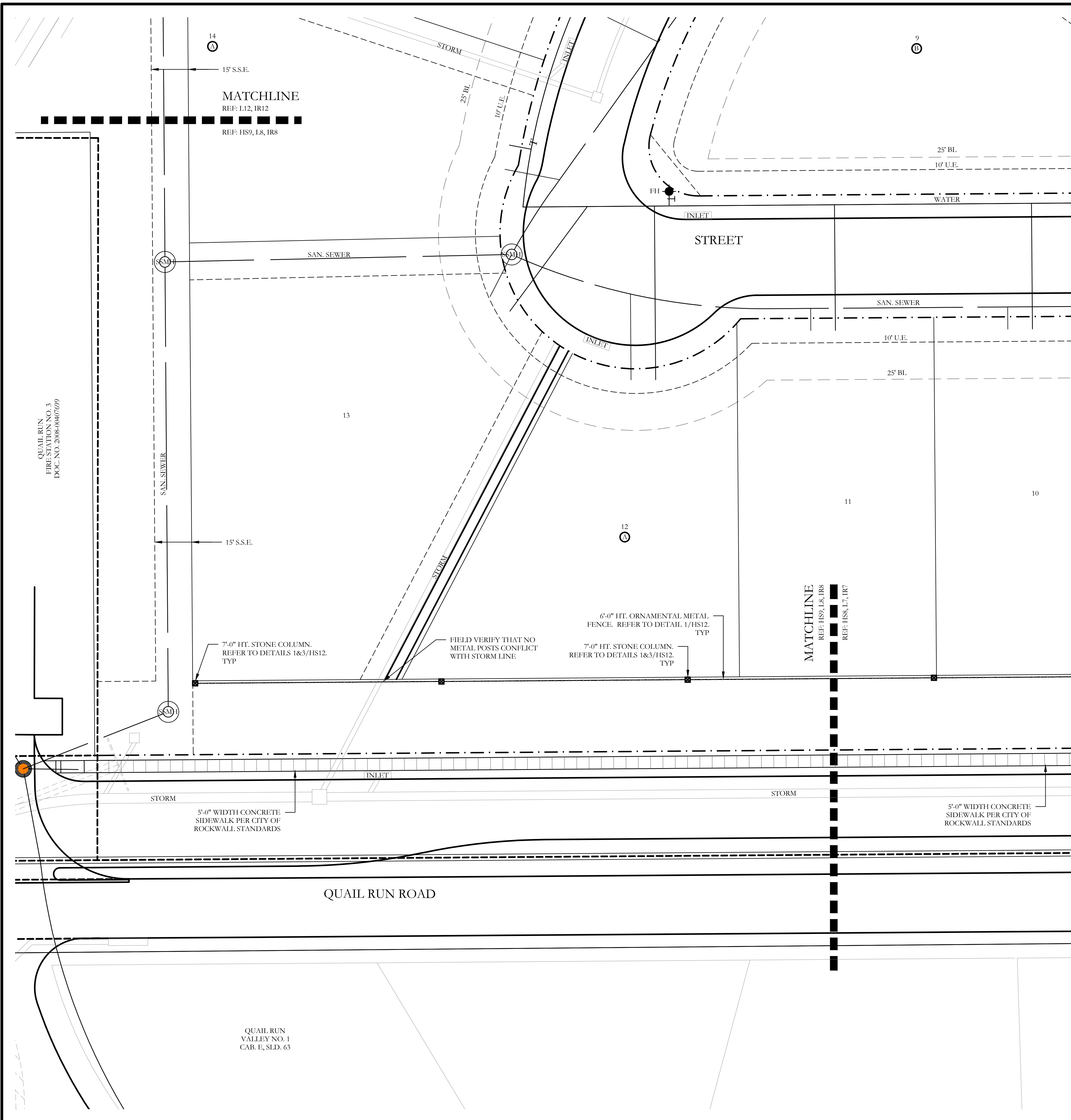


Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

SCREENING AND BUFFERING
Hardscape Layout
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
SHEET NO.
HS8 of 13



WALL LAYOUT NOTES

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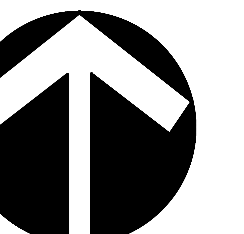
CODY JOHNSON
s.t.u.d.i.o



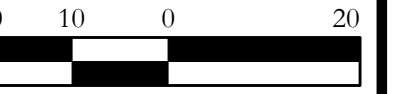
1277 CHANTANUCCA DR. FRESNO, TEXAS 75065
PH: (903) 574-1624
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January 12, 2016



NORTH



Scale: 1" = 20'-0"

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

SCREENING AND BUFFERING

Landscape Layout

Stone Creek Phase VII

City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.

MTH002

SHEET NO.

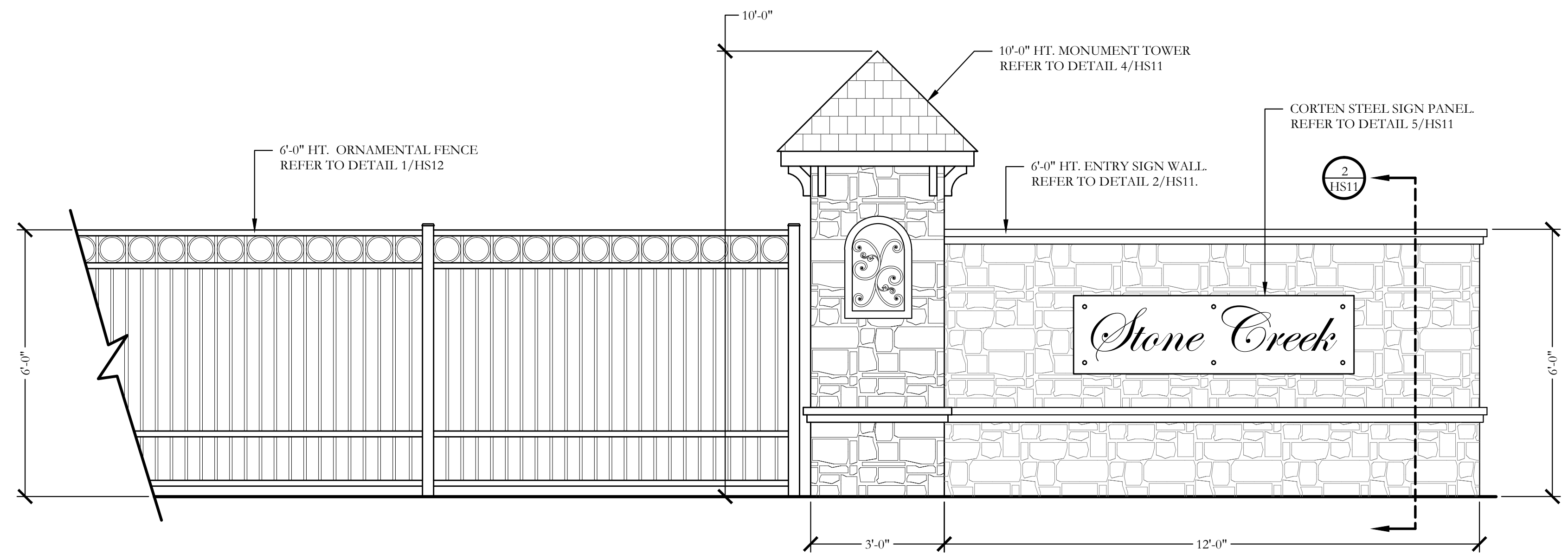
HS9 of 13

MATCHLINE
REF: L12, IR12
REF: HS9, L8, IR8

MATCHLINE
REF: HS9, L8, IR8
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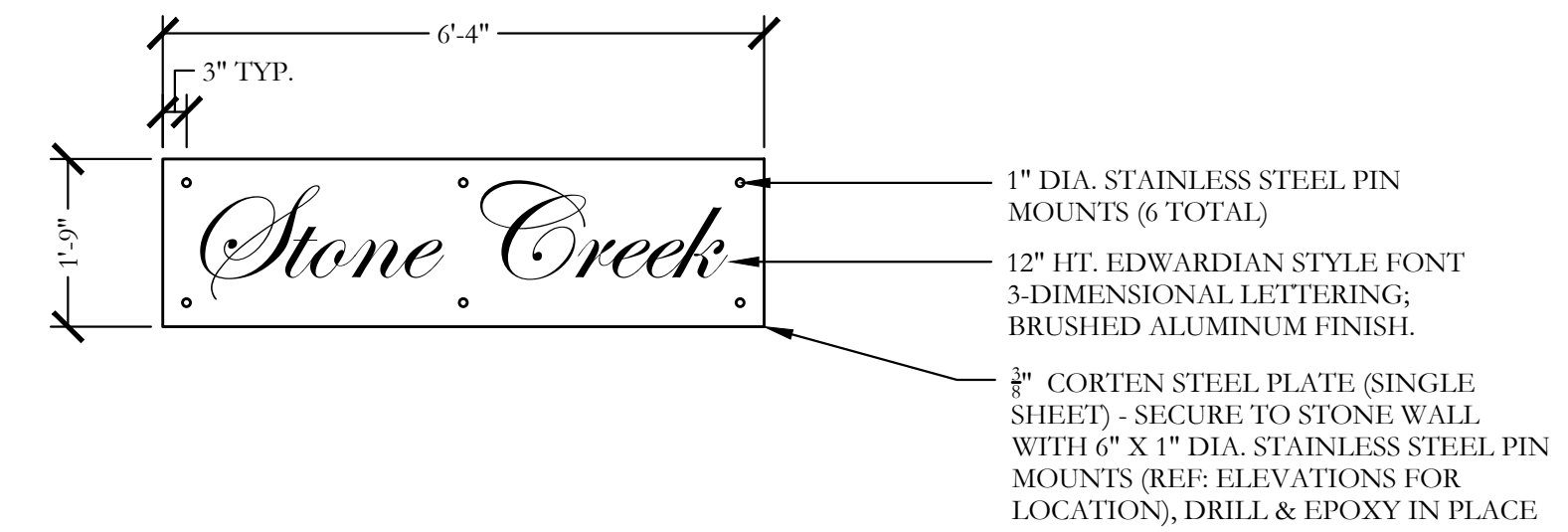
QUAIL RUN VALLEY NO. 1
CAB. E, SLD. 63

QUAIL RUN FIRE STATION NO. 3
DOC. NO. 2008-0407099



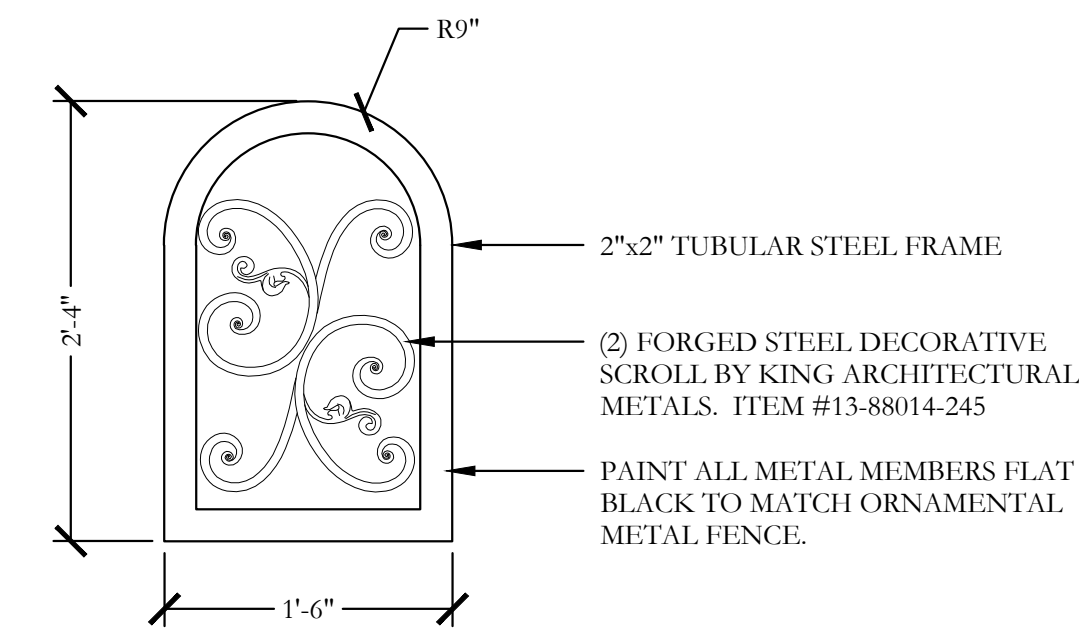
1 ENTRY SIGN WALL ELEVATION

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



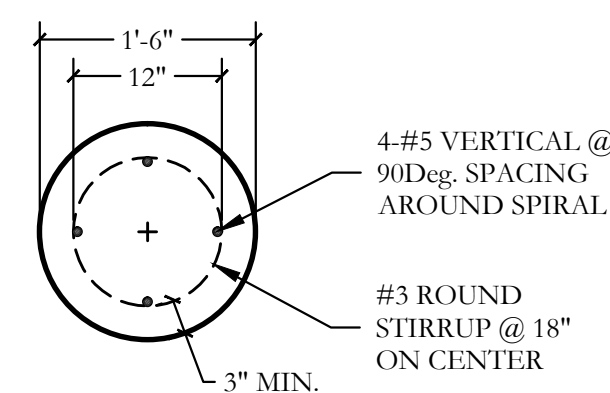
5 CORTEN STEEL SIGN PANEL ELEVATION

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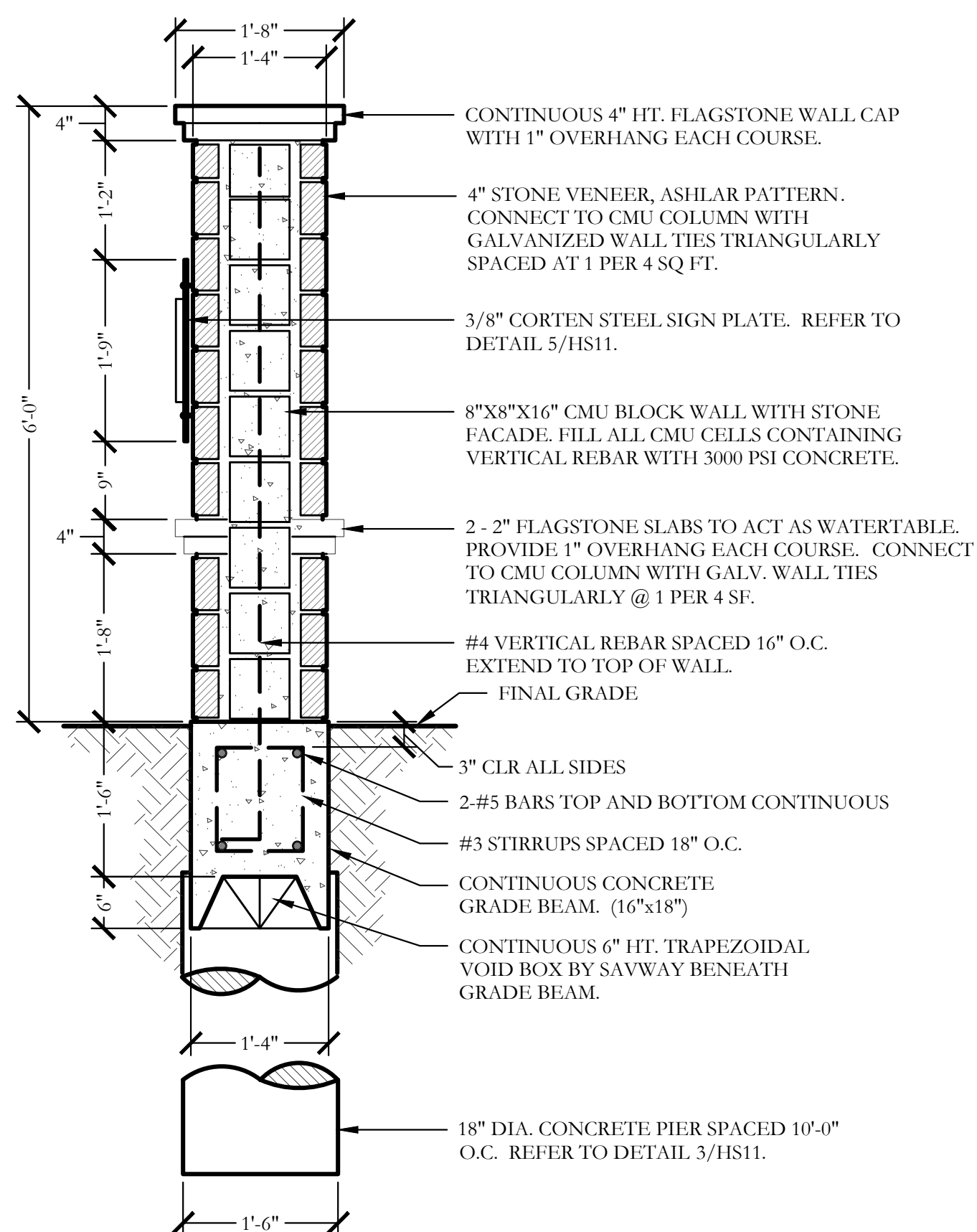


6 FORGED STEEL SCROLL ELEVATION

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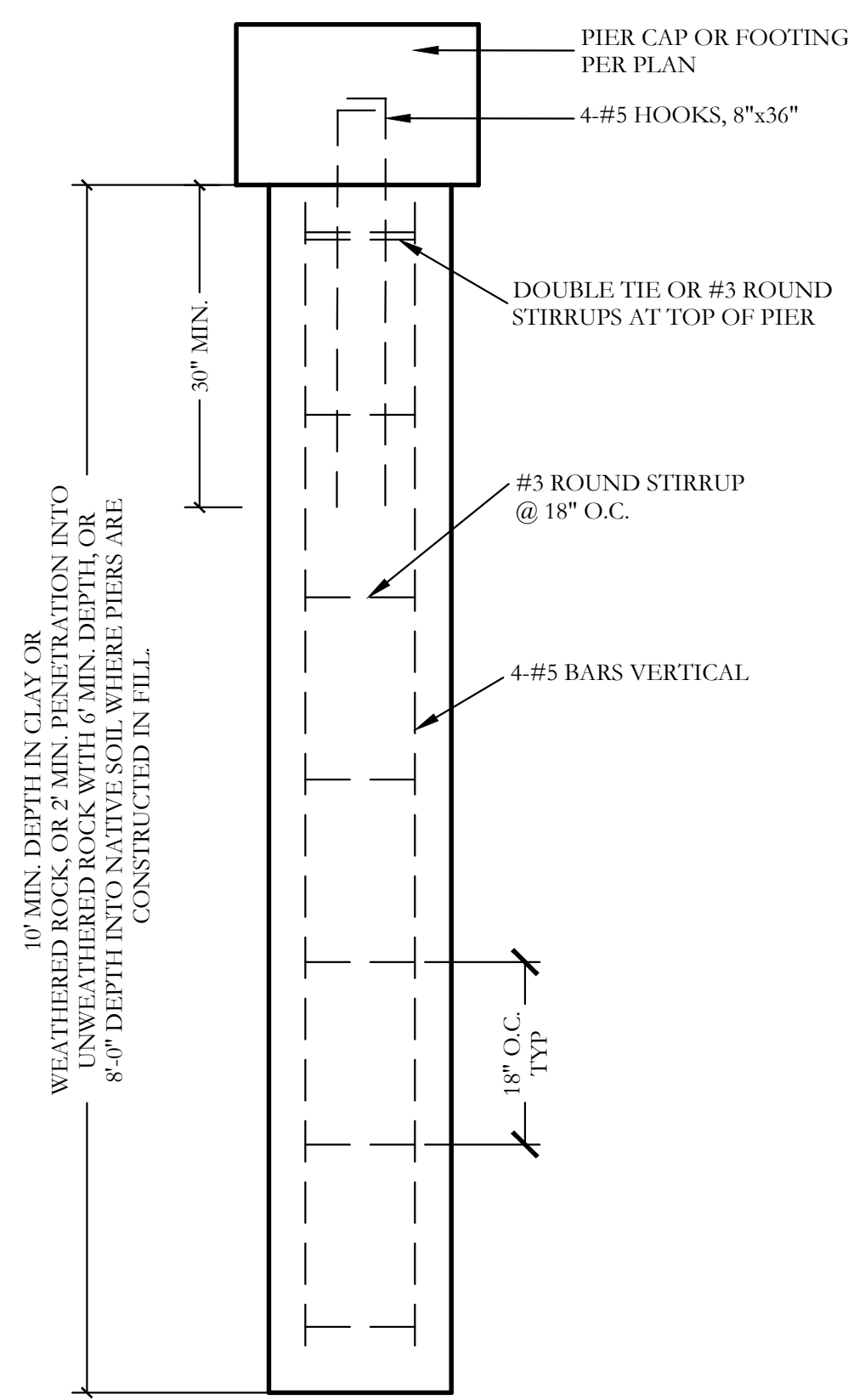


PLAN/SECTION



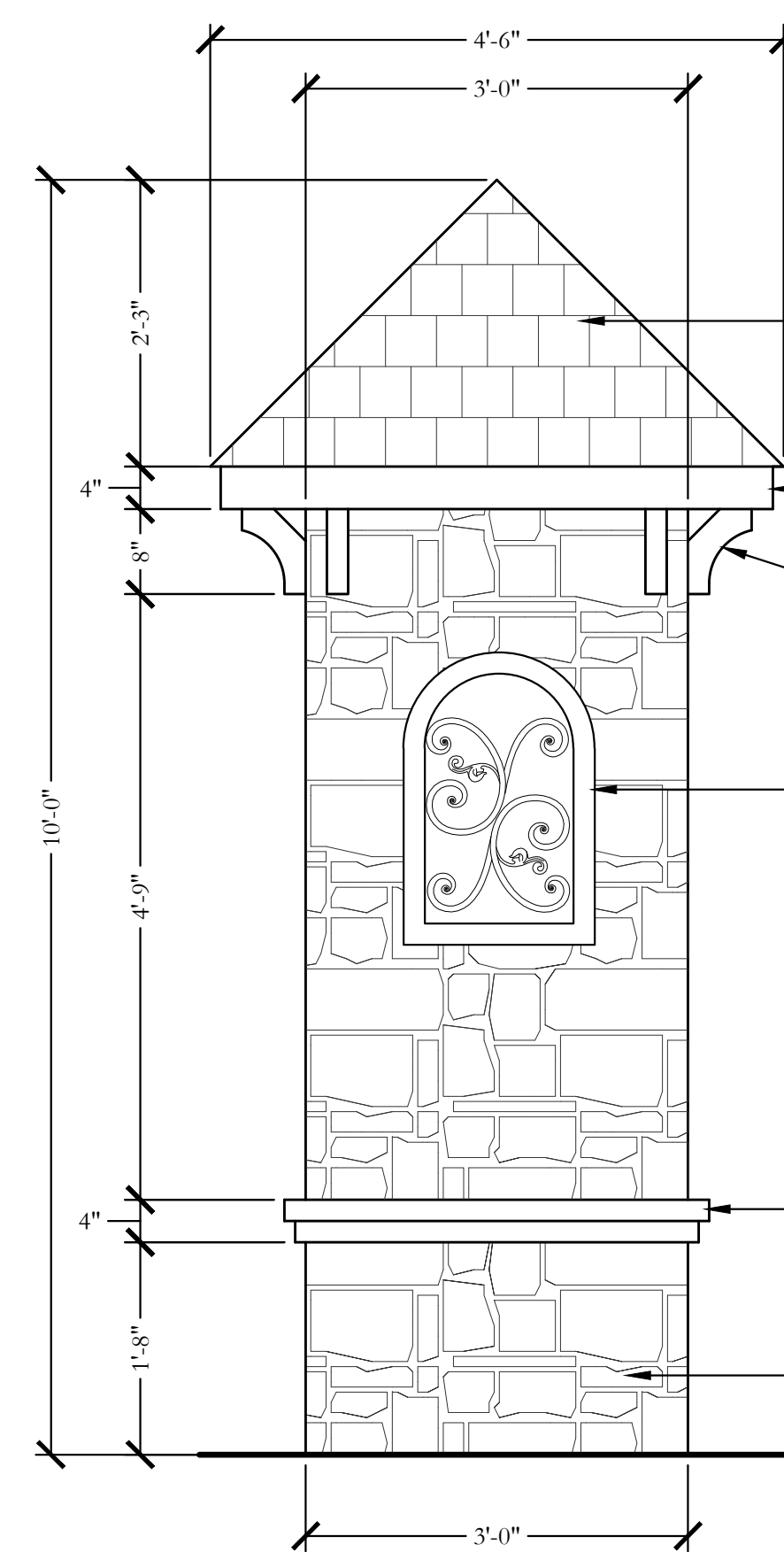
2 6'-0" HT. ENTRY SIGN WALL SECTION

SCALE: 3/4"=1'-0"



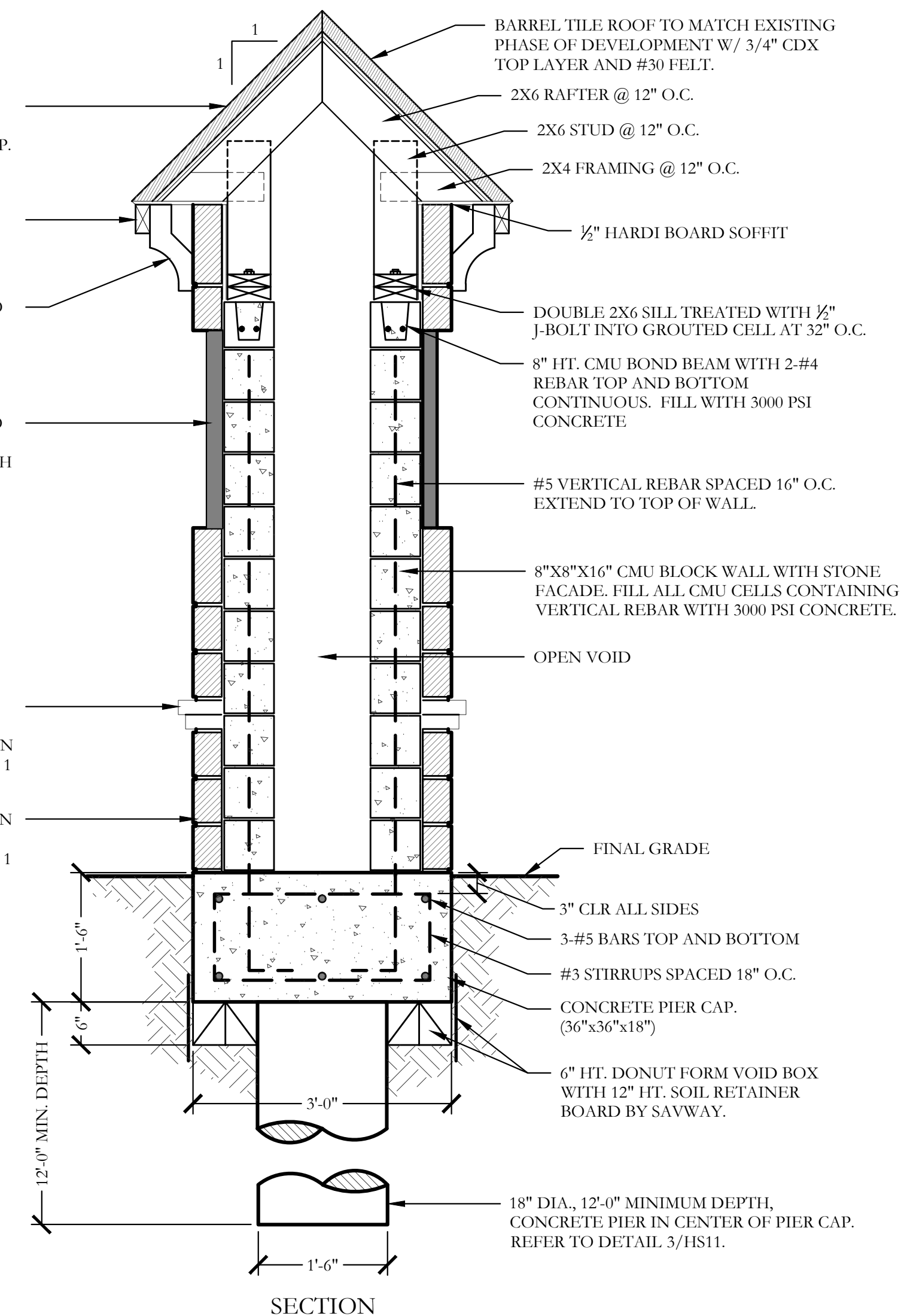
3 PIER (18" DIA.) SECTION

SCALE: 3/4"=1'-0"

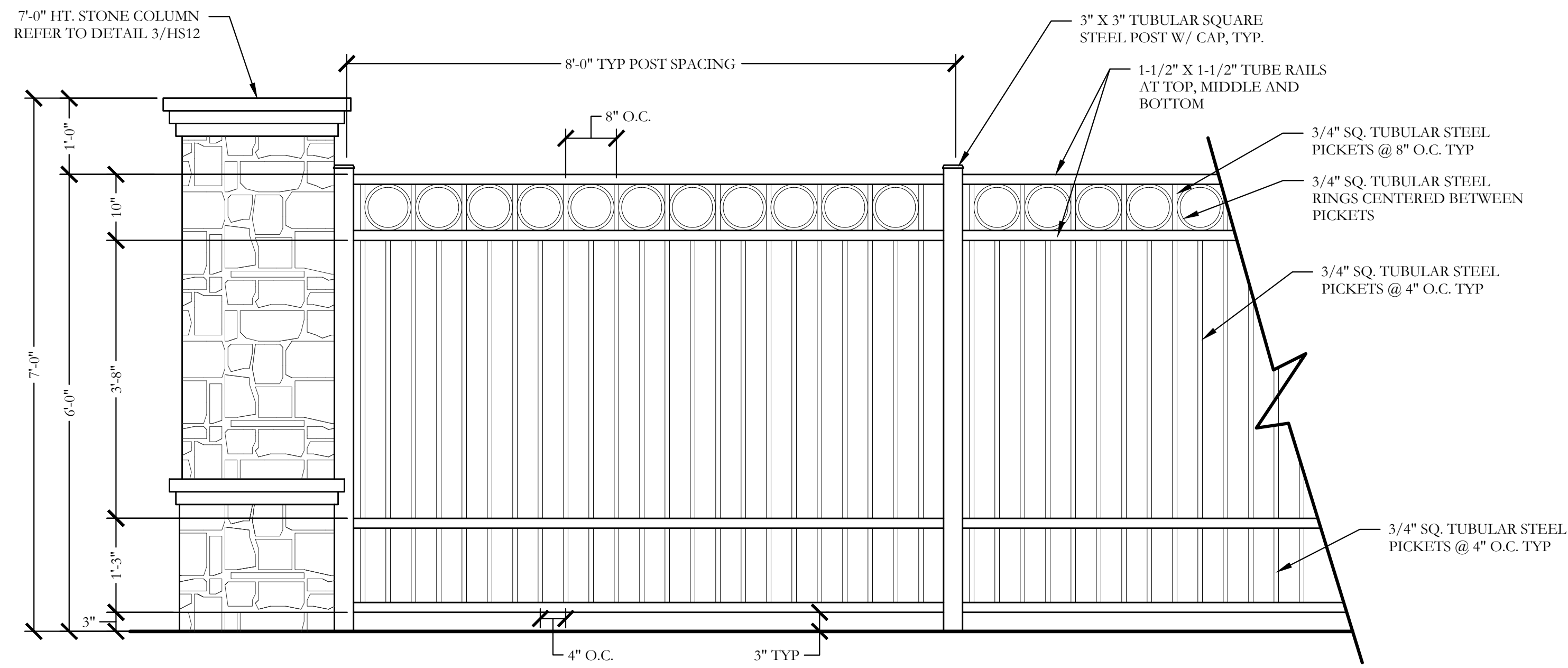


4 10'-0" HT. MONUMENT TOWER SECTION

SCALE: 3/4"=1'-0"

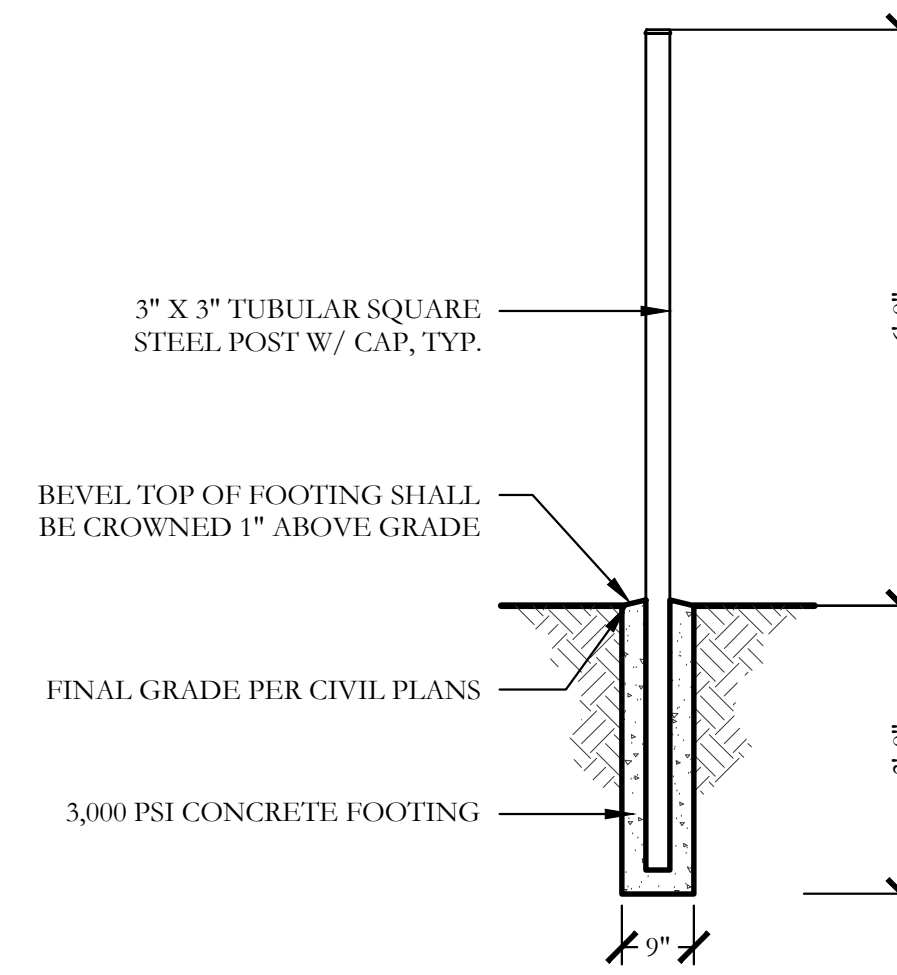


SECTION



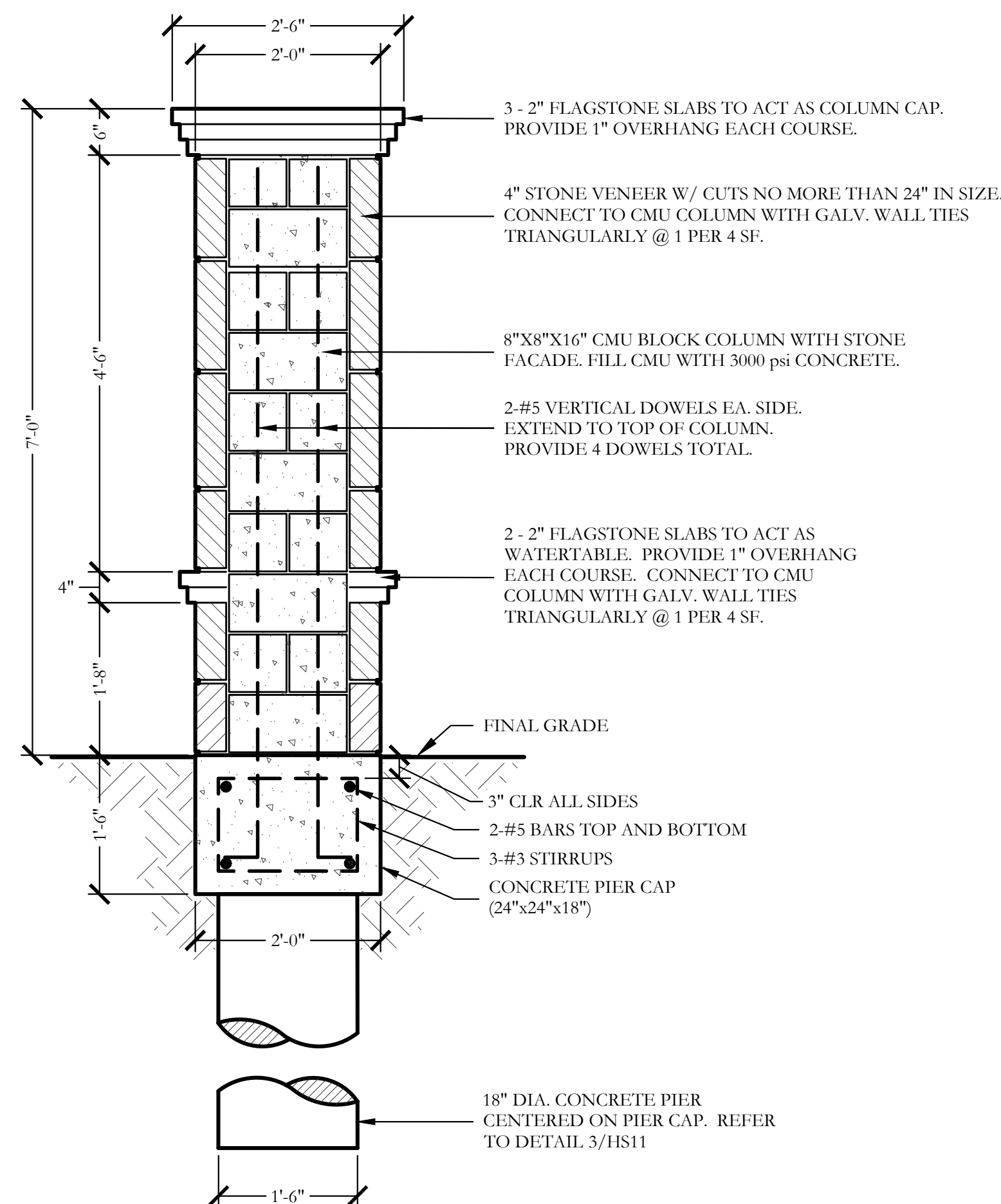
1 6'-0" HT. ORNAMENTAL METAL FENCE
ELEVATION

SCALE: 3/4"=1'-0"



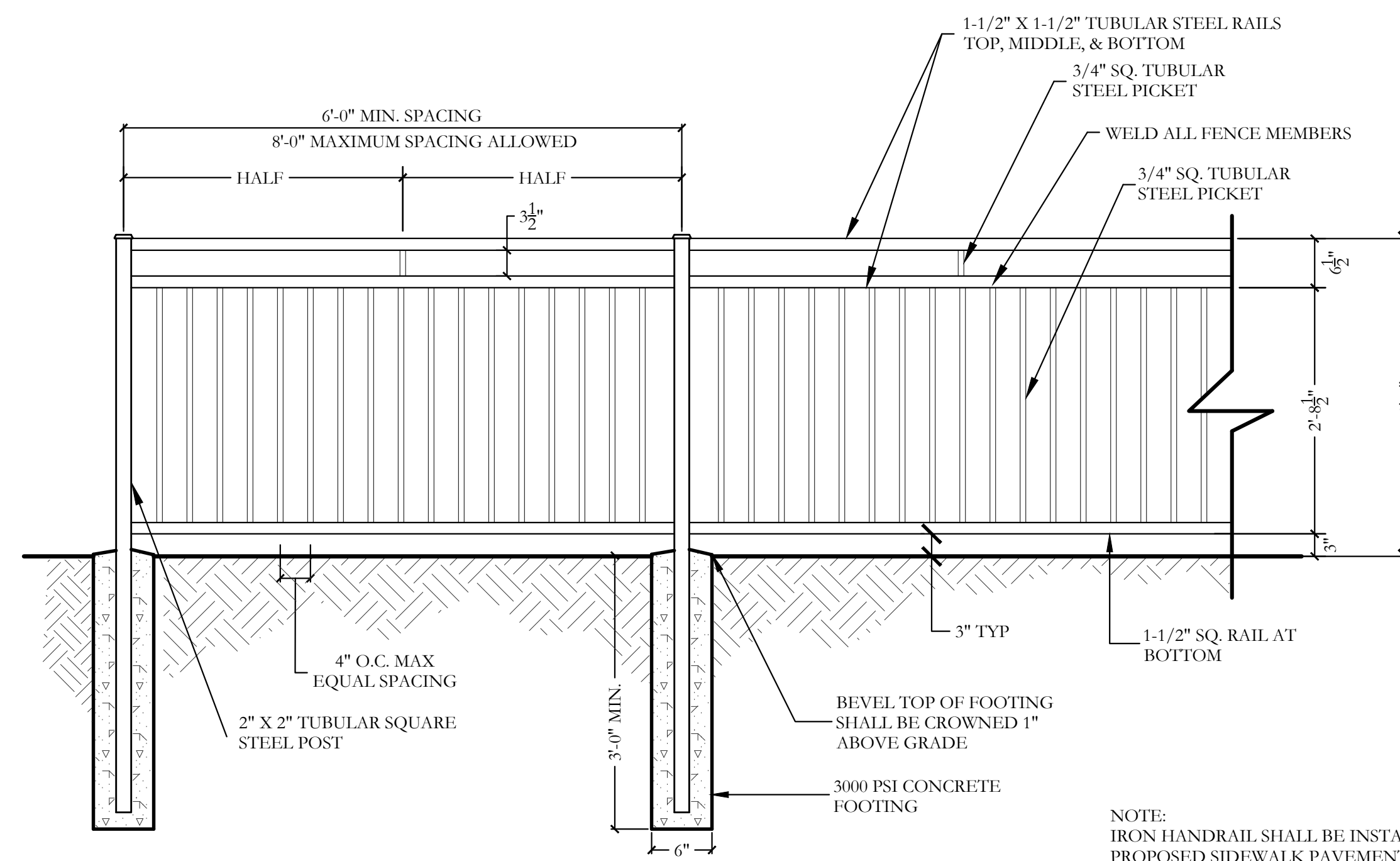
2 TYPICAL METAL POST FOOTING
SECTION

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



3 7'-0" HT. STONE COLUMN
SECTION

SCALE: 3/4"=1'-0"



4 42" HT. ORNAMENTAL METAL HANDRAIL
ELEVATION

SCALE: 3/4"=1'-0"

ORNAMENTAL METAL FENCE NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES.
2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY INSPECTIONS.
4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS.
6. GRIND SMOOTH ALL WELDS.
7. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUSTPROOF PAINT, COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS REQUIRED.
8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE. GATE LOCKING MECHANISM SHALL BE SELECTED BY OWNER.
9. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE STRENGTH, 60,000 PSI YIELD STRENGTH.
10. FENCE MEMBER SIZES TO BE AS FOLLOWS:
 - 10.1. PICKETS, 3/4" SQUARE 16 GA.
 - 10.2. RAILS, 1-1/2" X 1-1/2" SQUARE 16 GA.
 - 10.3. POSTS, 3" SQUARE 11 GA.
11. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS. CONTRACTOR TO BE RESPONSIBLE FOR STRUCTURAL DESIGN OF GATES.
12. CONCRETE FOOTING FOR POSTS SHALL BE 3X POST WIDTH.
13. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C. AND A MAXIMUM DISTANCE OF 8'-0" O.C.
14. FENCE SHALL MEET LOCAL CODES AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE INCLUDING NECESSARY UPSIZING OF POSTS, PICKETS AND HORIZONTAL BARS AND INCREASING THE HEIGHT OF THE FENCE AS IT APPEARS IN THIS DETAIL AT NO ADDITIONAL COST TO THE OWNER FOR MATERIALS AND/OR LABOR.

ORNAMENTAL METAL HANDRAIL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES.
2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY INSPECTIONS.
4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS.
6. GRIND SMOOTH ALL WELDS.
7. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUSTPROOF PAINT, COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS REQUIRED.
8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE.
9. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE STRENGTH, 60,000 PSI YIELD STRENGTH.
10. FENCE MEMBER SIZES TO BE AS FOLLOWS:
 - 10.1. PICKETS, 3/4" SQUARE 16 GA.
 - 10.2. RAILS, 1-1/2" SQUARE 14 GA.
 - 10.3. POSTS, 2" SQUARE 11 GA.
11. CONCRETE FOOTING FOR POSTS SHALL BE 6" DIAMETER.

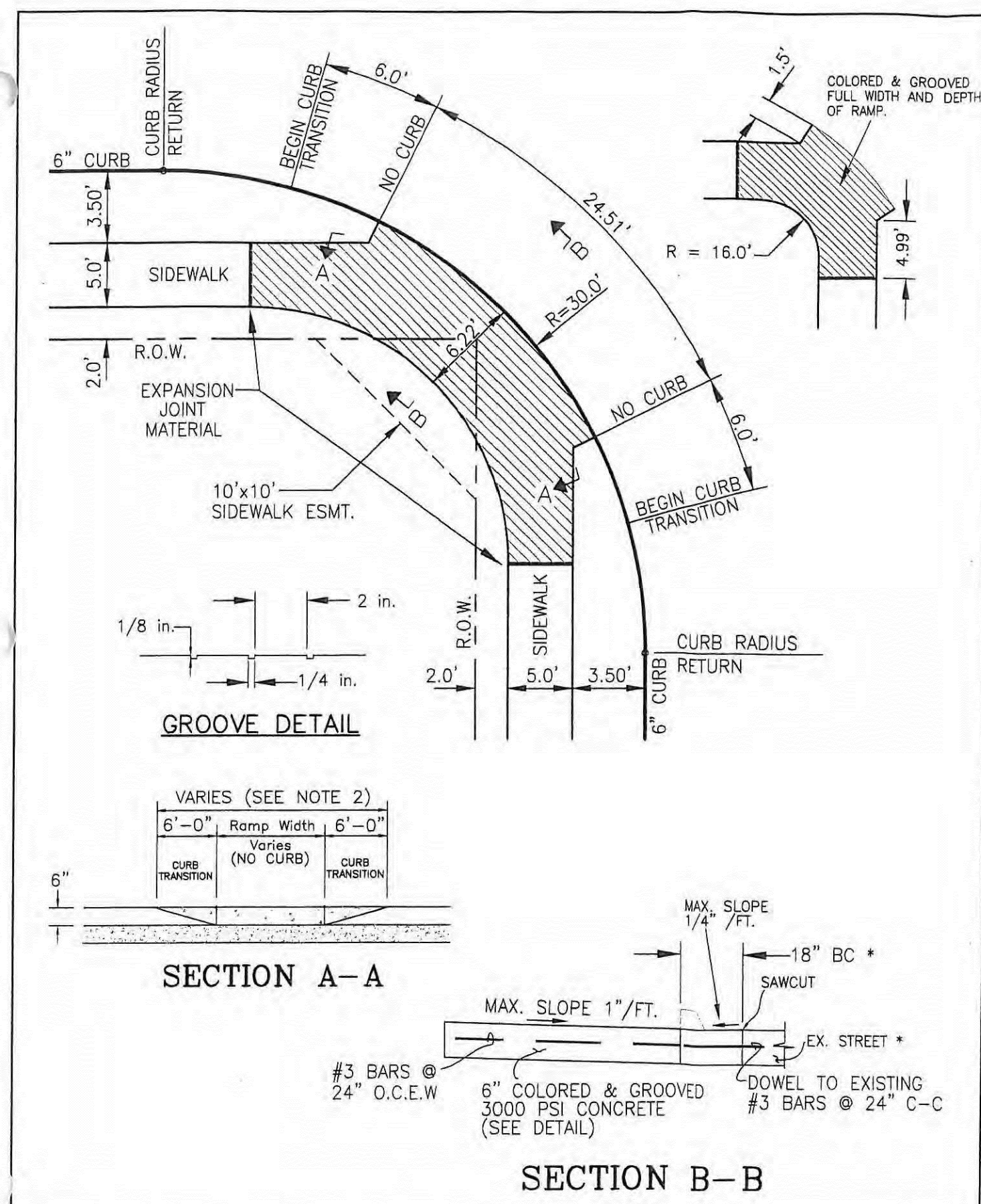
WALL NOTES

1. THESE DETAILS AND SPECIFICATIONS ARE APPLICABLE ONLY FOR THE SITE CONDITIONS AND HEIGHTS SHOWN HEREIN. IF CONDITIONS CHANGE FROM THOSE DESCRIBED HEREIN, THE ENGINEER SHOULD BE NOTIFIED IMMEDIATELY TO DETERMINE THE EFFECT, IF ANY, ON THE STRUCTURAL DESIGN AND LAYOUT.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES.
3. ALL EARTHWORK SHALL BE PERFORMED AS INDICATED IN THE GEOTECHNICAL INVESTIGATION. PROPER EXECUTION OF EARTHWORK SHALL BE VERIFIED BY AN INDEPENDENT TESTING LAB.
4. PRE-POUR OBSERVATION OF FOOTINGS, BEAMS, AND PIERS IS RECOMMENDED BY OR UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.
5. ALL CONCRETE USED IN FOOTINGS AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI @ 28 DAYS. CONCRETE USED IN COLUMNS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
6. ALL REINFORCING SHALL BE NEW BILLET STEEL, ASTM A615, GRADE 60 EXCEPT STIRRUPS SHALL BE GRADE 40 AND SPIRALS SHALL BE ASTM A82, GRADE 60.
7. CONCRETE FOR DRILLED PIERS SHALL BE POURED WITHIN 8 HOURS OF DRILLING PIER HOLES.
8. REFER TO DETAILS FOR TYPE AND SIZE OF BRICK AND STONE WALL REINFORCING.
9. ALL MORTAR TO BE TYPE S, MORTAR COLOR TO BE SELECTED BY OWNER. MASONRY CEMENT WILL NOT BE ALLOWED.
10. ALL MORTAR JOINTS ARE TO BE 3/8" CONCAVE TOOLED JOINTS.
11. STONE AND FLAGSTONE VENEER SHALL BE SELECTED BY OWNER.
12. VERIFY ALL DIMENSIONS IN THE FIELD BEFORE MANUFACTURING STONE AND STONE SLABS USED FOR THE SIGN MONUMENTS.
13. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS, APPLICABLE FEES, AND CITY INSPECTIONS.
14. LAYOUT OF THE PROPOSED SCREENING WALL SHALL BE PERFORMED IN THE FIELD BY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
15. THE WALL STONE MATERIAL & PATTERN SHALL BE SELECTED BY OWNER AS NOTED ON LAY STONE COURSES LEVEL AND PLUMB. DO NOT EXCEED 1/4" VARIATION FROM LEVEL IN 20 FEET MAXIMUM.
16. CLEAN STONEMWORK PROMPTLY AFTER COMPLETION WITH FIBER BRUSHES, CLEAN WATER OR APPROVED CLEANING AGENT. DO NOT USE WIRE BRUSHES OR ACID TYPE CLEANING AGENTS.
17. THE CONTRACTOR SHALL PROVIDE A 4' X 4' MOCKUP OF THE STONE AND BRICK SCREEN WALL FOR THE OWNERS REVIEW PRIOR TO BEGINNING THE STONE WORK. THE APPROVED "MOCKUP" SHALL SERVE AS THE STANDARD FOR THE STONE WORK ON THE PROJECT.
18. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL WALL CONSTRUCTION AND SECURE ALL NECESSARY INSPECTIONS AND CERTIFICATIONS REQUIRED. THE CITY OF ROCKWALL WILL REQUIRE A SEALED CERTIFICATION THAT THE WALL CONSTRUCTION WAS PERFORMED IN ACCORDANCE WITH THE DESIGN DRAWINGS.

January 12, 2016

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch



BARRIER FREE RAMP FOR 5.0' WIDE SIDEWALK MAJOR & MINOR ARTERIALS (30.0' RADIUS)	CITY OF ROCKWALL "THE NEW HORIZON"	SCALE NONE	DATE 8/03	DRAWING NAME HANDICAP_3
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GENERAL NOTES

1. MAXIMUM SLOPE ON BARRIER FREE RAMPS SHALL NOT EXCEED 1" PER FOOT AT ANY LOCATION.
2. DESIGNS SHOWN ARE FOR 6" CURBS. FOR CURBS GREATER THAN 6" DIMENSIONS SHALL BE INCREASED PROPORTIONATELY.
3. STREETS ON STEEP GRADE WILL REQUIRE LONGER CURB TRANSITIONS. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO INSURE THAT THIS DETAIL WILL WORK.
4. LOCATIONS OF BARRIER FREE RAMPS MAY BE SHIFTED TO CLEAR OBSTRUCTIONS, WITH APPROVAL FROM THE CITY.
5. CONCRETE TO HAVE A MINIMUM 3000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.
6. REINFORCEMENT TO BE #3 BARS AT 24" O.C.E.W.
7. GROOVES MUST BE CLEAN AND STRAIGHT FOR CLEAR DETECTION BY TOUCH WITH A CANE AND PARALLEL TO CROSSWALKS.
8. FOR PURPOSES OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES. CITY SHALL APPROVE MATERIALS AND COLOR SHALL BE CHROMIX ADMIXTURES QUARRY RED, C-32 (CHROMIX IS MANUFACTURED BY THE L.M. SCOFIELD CO. (800)800-9900 OR APPROVED EQUAL.

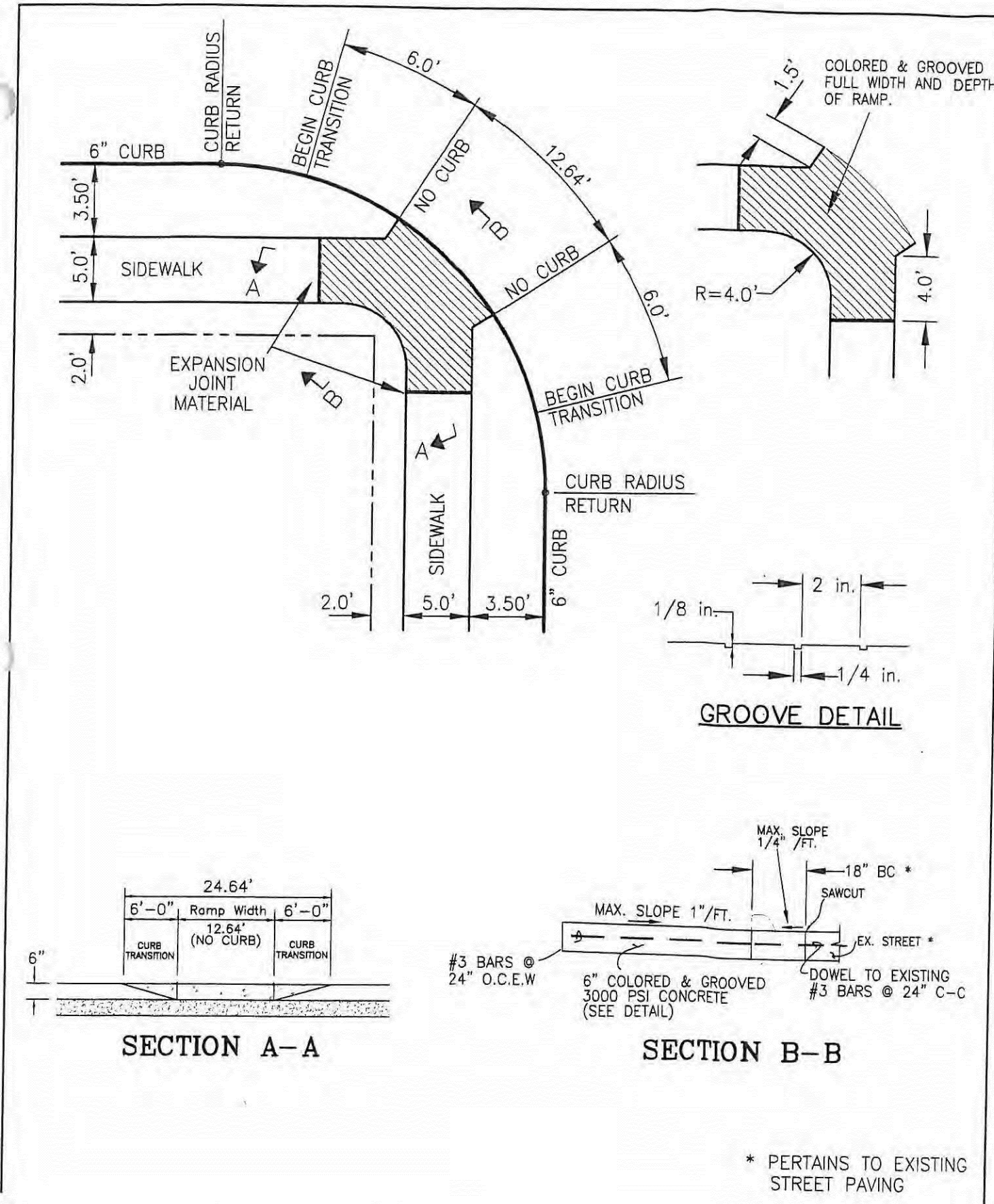
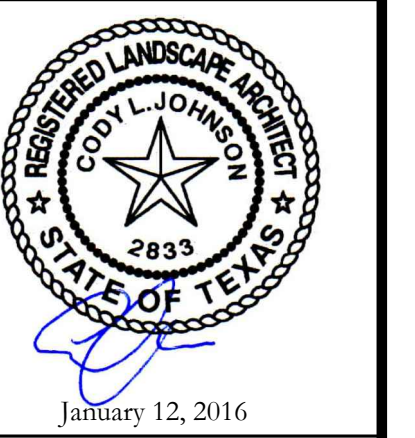
GENERAL NOTES FOR BARRIER FREE RAMPS	CITY OF ROCKWALL "THE NEW HORIZON"	SCALE NONE	DATE AUG. '03	DRAWING NAME HANDICAP_2
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GENERAL NOTES - HARDSCAPE CONSTRUCTION

- CAST-IN-PLACE CONCRETE**
1. ALL CONCRETE SHALL BE 3000 PSI, NORMAL WEIGHT, 28 DAY STRENGTH WITH A 4 TO 6 INCH SLUMP. THE CEMENT SHALL BE TYPE 1 AND SHALL CONFORM TO ASTM C150. AGGREGATES SHALL CONFORM TO ASTM C33.
 2. ALL MIXING, TRANSPORTING, PLACING, AND CURING OF CONCRETE SHALL COMPLY WITH ACI 318.
 3. CONCRETE SHALL NOT BE PLACED IN RAINING OR FREEZING WEATHER.
 4. CHLORIDES SHALL NOT BE USED.
 5. MAXIMUM AGGREGATE SIZE = 1".
- CONCRETE REINFORCING STEEL**
1. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615 60 GRADE AND DEFORMED PER ASTM A305. PROVIDE 38 BAR DIAMETER LAP SPLICES FOR ALL CONTINUOUS BARS UNLESS NOTED OTHERWISE.
 2. PROVIDE THE FOLLOWING MINIMUM COVER FOR CONCRETE CAST IN PLACE REINFORCEMENT:
 - 2.1. CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
 - 2.2. CONCRETE EXPOSED TO EARTH OR WEATHER:
 - 2.2.1. (A) BARS LARGER THAN NO. 5: 2 INCHES
 - 2.2.2. (B) BARS NO. 5 AND SMALLER: 1-1/2 INCHES.
 - 2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
 - 2.3.1. SLABS, WALLS AND JOISTS
 - 2.3.1.1. (A) BARS, LARGER THAN NO. 11: 1-1/2 INCHES
 - 2.3.1.2. (B) BARS NO. 11 AND SMALLER: 3/4 INCHES.
 - 2.3.2. BEAMS AND COLUMNS: 1-1/2 INCHES
 - 2.3.3. SHELLS AND FOLDED PLATES
 - 2.3.3.1. (A) BAR LARGER THAN NO. 5: 3/4 INCHES.
 - 2.3.3.2. (B) BARS NO. 5 AND SMALLER: 1/2 INCHES.
 3. ALL REINFORCING STEEL SHALL BE CLEAN AND FREE OF GREASE.
- DRILLED PIERS**
1. PIERS NOT SPECIFICALLY LOCATED ON THE PLAN SHALL BE CENTERED ON WALL OR BEAM.
 2. PIER REINFORCING AND CONCRETE SHALL BE PLACED IMMEDIATELY OR TO WITHIN A MAXIMUM OF 8 HOURS AFTER DRILLING IS COMPLETE.
 3. STEEL CASING IS REQUIRED WHEN MORE THAN 2 INCHES OF STANDING WATER IS PRESENT AT THE BOTTOM OF THE SHAFT PRIOR TO PLACEMENT OF STEEL AND CONCRETE.
 4. PROVIDE 6 BAR DIAMETER LAP SPLICES IN ALL VERTICAL PIER REINFORCING AS REQUIRED
 5. PROVIDE PIER TO GRADE BEAM DOWELS TO MATCH SIZE, QUANTITY, AND LOCATION OF LONGITUDINAL PIER REINFORCING. MIN DOWEL PROJECTION INTO PIER = 30 BAR DIA. MIN DOWEL PROJECTION INTO BEAM = TOP LONGITUDINAL GRADE BEAM REINFORCING. PROVIDE STANDARD HOOK AT TERMINAL END OF DOWEL IN GRADE BEAM.
- STRUCTURAL CONCRETE MASONRY UNIT**
1. CONCRETE MASONRY UNITS SHALL BE HOLLOW LOAD-BEARING TYPE N-1 CONFORMING TO ASTM C90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI.
 2. CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM PRISM STRENGTH OF 1500 PSI AT 28 DAYS.
 3. MORTAR SHALL BE ASTM C270, TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI IN ACCORDANCE WITH ASTM C780. MASONRY CEMENT IS PROHIBITED.
 4. COARSE GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AND A MAXIMUM AGGREGATE SIZE OF 1/2" IN ACCORDANCE WITH ASTM C476. REFER TO DETAILS FOR WALL REINFORCING BAR SIZE AND SPACING.
 5. REINFORCE HORIZONTAL JOINTS WITH GALVANIZED LADDER-TYPE STEEL IN ACCORDANCE WITH ANSI/ASTM A82. SIDE AND CROSS RODS SHALL BE 9 GA MINIMUM.
 6. HORIZONTAL REINFORCEMENT SHALL BE SPACED AT 16" MAXIMUM. PROVIDE A 16" LAP AT SPLICES.
 7. JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL AND EXPANSION JOINTS.
 8. LAP VERTICAL REINFORCING BARS AT 72 BAR DIAMETERS.
 9. LAP HORIZONTAL REINFORCING BARS AT 48 BAR DIAMETERS.
 10. PLACE GROUT USING LOW-LIFT METHOD, 6"-8" MAXIMUM LIFTS.

CODY JOHNSON
s.t.u.d.i.o

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BARRIER FREE RAMP FOR 5.0' WIDE SIDEWALK RESIDENTIAL STREETS (20' RADIUS)	CITY OF ROCKWALL "THE NEW HORIZON"	SCALE NONE	DATE AUG. '03	DRAWING NAME HANDICAP_2
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GENERAL NOTES:

1. PAVING TO HAVE A 2% CROSS SLOPE AS SHOWN.
2. THE MATERIALS AND WORKMANSHIP FOR CONCRETE PAVING SHALL BE IN ACCORDANCE WITH N.C.T.C.O.G. SPECIFICATIONS OR AS MODIFIED BY THE CITY.

CONSTRUCTION NOTES:

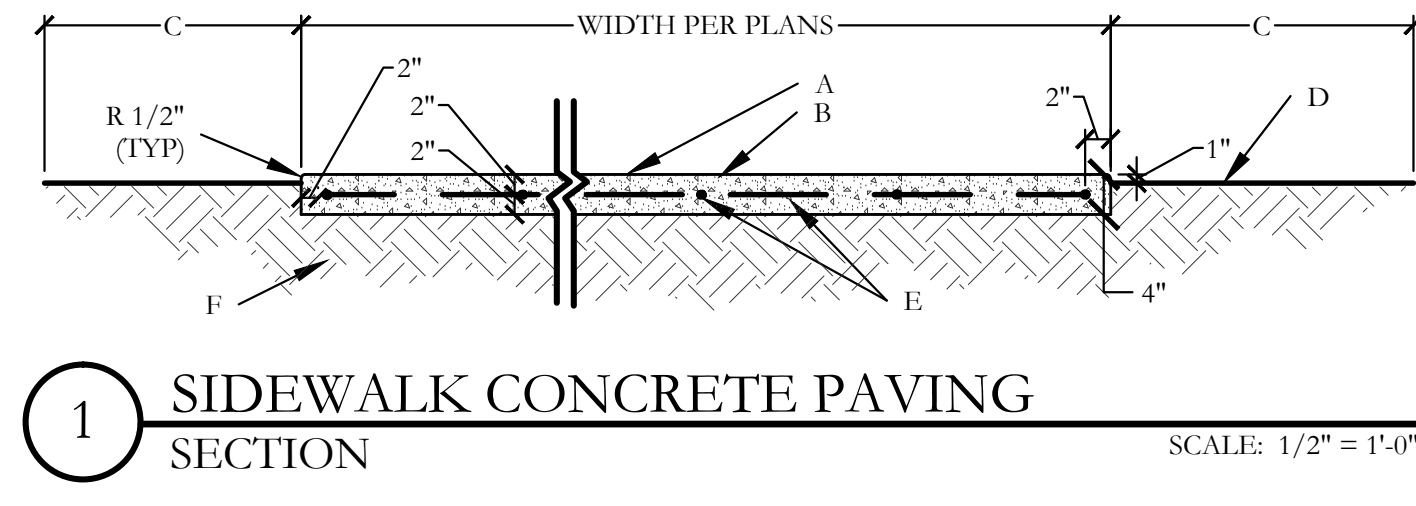
- A. 3000 PSI CONCRETE SIDEWALK.
- B. MEDIUM BROOM FINISH
- C. FINISH GRADE, PROVIDE POSITIVE DRAINAGE AWAY FROM CONCRETE, SLOPE AWAY FROM SIDEWALK AT MAX. 2%.
- D. FINISH GRADE
- E. 4" CONCRETE SIDEWALK WITH #3 BARS @ 18" O.C. BOTH WAYS
- F. COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

GENERAL NOTES:

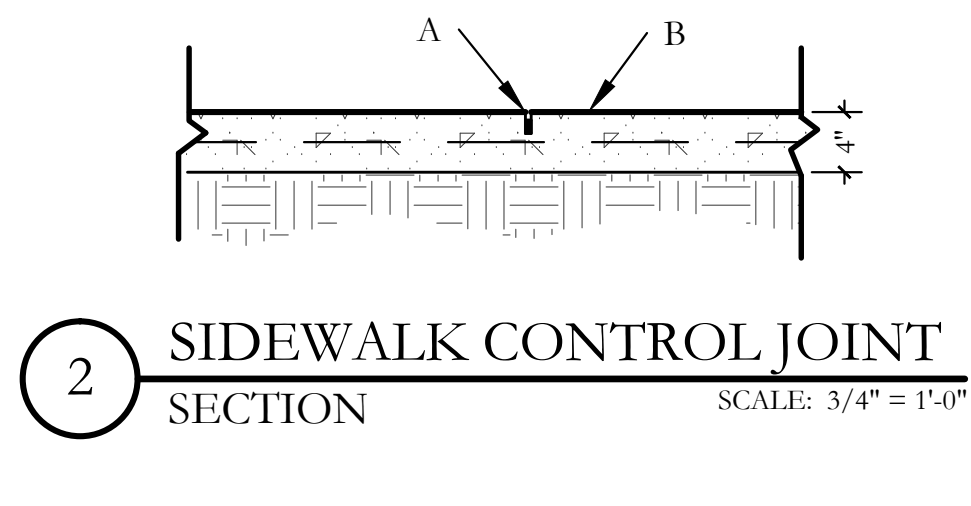
1. CONTROL JOINT SPACING SHALL BE WIDTH OF PAVING OR AS SHOWN ON THE PLANS.

CONSTRUCTION NOTES:

- A. SAWED AND/OR GROOVED CONTROL JOINTS 3/8" DEEP X 1/4" WIDE ON 5'-0" CENTERS MAX. OR AS SHOWN ON PLANS.
- B. 4" CONCRETE SIDEWALK WITH #3 BARS @ 18" O.C. BOTH WAYS



1 SIDEWALK CONCRETE PAVING SECTION
SCALE: 1/2" = 1'-0"



2 SIDEWALK CONTROL JOINT SECTION
SCALE: 3/4" = 1'-0"

GENERAL SIDEWALK NOTES

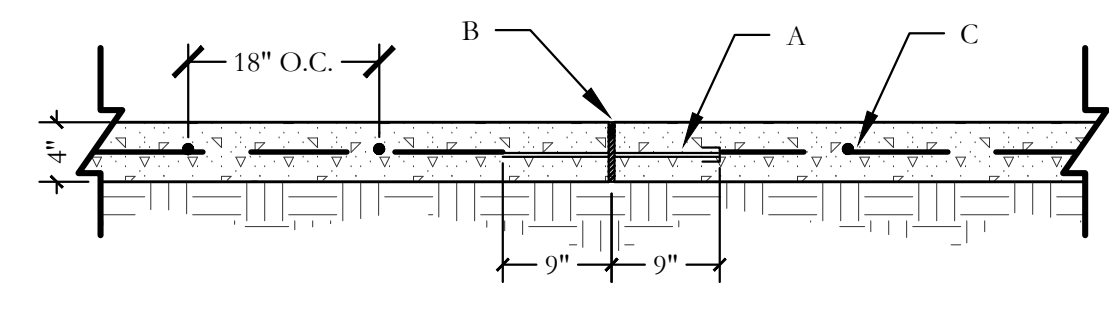
1. THE LAYOUT OF ALL PROPOSED PAVING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. ALL PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DETAILS SHOWN HEREIN.
3. THE SUB GRADE BENEATH ALL PAVING SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
4. THE EDGES OF ALL FINISHED PAVING AND PLAYGROUND EDGES SHALL BE SMOOTH, GRACEFUL CURVILINEAR OR STRAIGHTFORMS WITH NO INTERRUPTIONS SUCH AS CHORDS, WAVES, JOGS, OR MISSED TANGENTS. ANY PAVEMENT WITH SUCH INTERRUPTIONS SHALL BE SUBJECT TO REPLACEMENT AT NO COST TO THE OWNER.
5. CONCRETE SHALL NOT BE POURED UNTIL THE OWNER'S REPRESENTATIVE HAS INSPECTED THE FORMS AND REINFORCING. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS IN ADVANCE OF ALL CONCRETE POURS.
6. PROVIDE AN UNDERCUT HEADER WHEREVER PROPOSED CONCRETE PAVING IS TO ABUT EXISTING CONCRETE PAVING.
7. ALL EXPOSED VERTICAL CONCRETE SURFACES SHALL HAVE A HAND RUBBED FINISH WITH NO HONEYCOMBS OR VOIDS.
8. ALL CONSTRUCTION SHALL CONFORM WITH THE CITY OF ROCKWALL CONSTRUCTION STANDARDS AND DETAILS.

GENERAL NOTES:

1. LOCATE EXPANSION JOINTS PER PLAN. EXPANSION JOINTS SHALL BE SPACED ON 20'-0" CENTERS MAX.

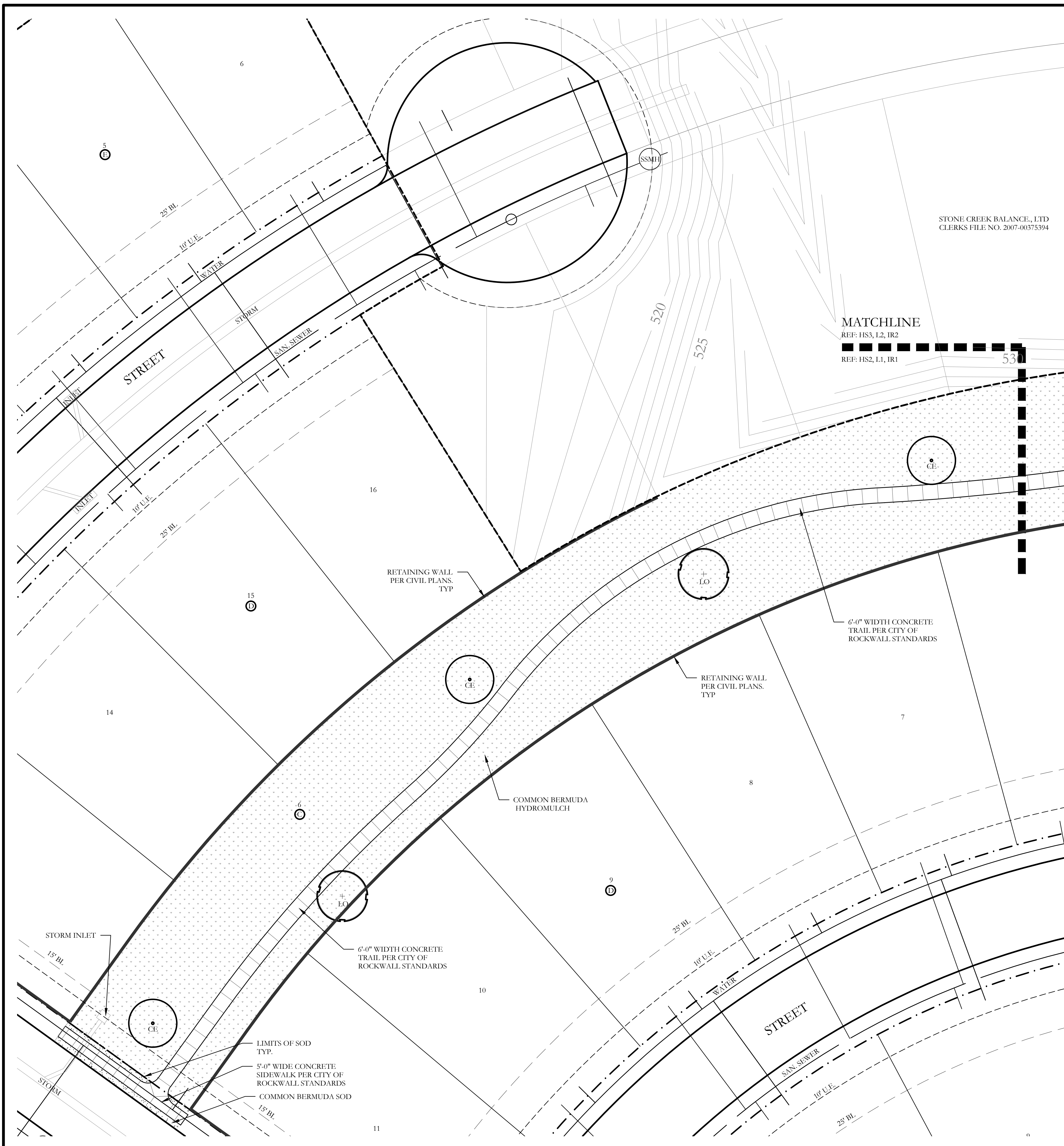
CONSTRUCTION NOTES:

- A. #4 SMOOTH DOWEL 18" LONG EACH W/ CAP, LUBRICATED, TYPICAL DOWEL SPACING SHALL BE 12" O.C.
- B. FILL EXPANSION JOINTS WITH FULL DEPTH PREMOULDED BITUMINOUS EXPANSION JOINT FILLER
- C. 4" CONCRETE SIDEWALK WITH #3 BARS @ 18" O.C. BOTH WAYS



3 DOWELED EXPANSION JOINT SECTION
SCALE: 3/4" = 1'-0"

SCREENING AND BUFFERING
Landscape Details
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

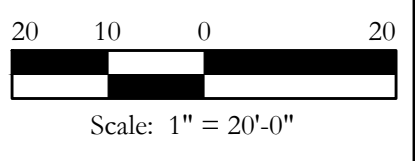
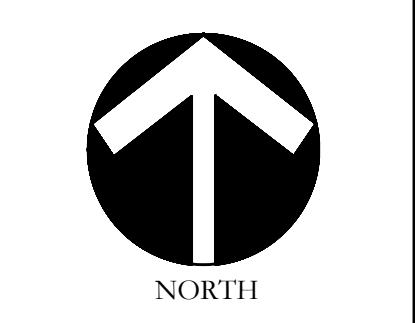
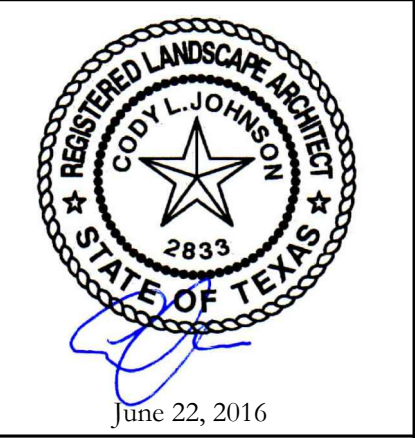


STONE CREEK BALANCE, LTD
CLERKS FILE NO. 2007-00375394

MATCHLINE
REF: HS3, L2, IR2
REF: HS2, L1, IR1

PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

CODY JOHNSON
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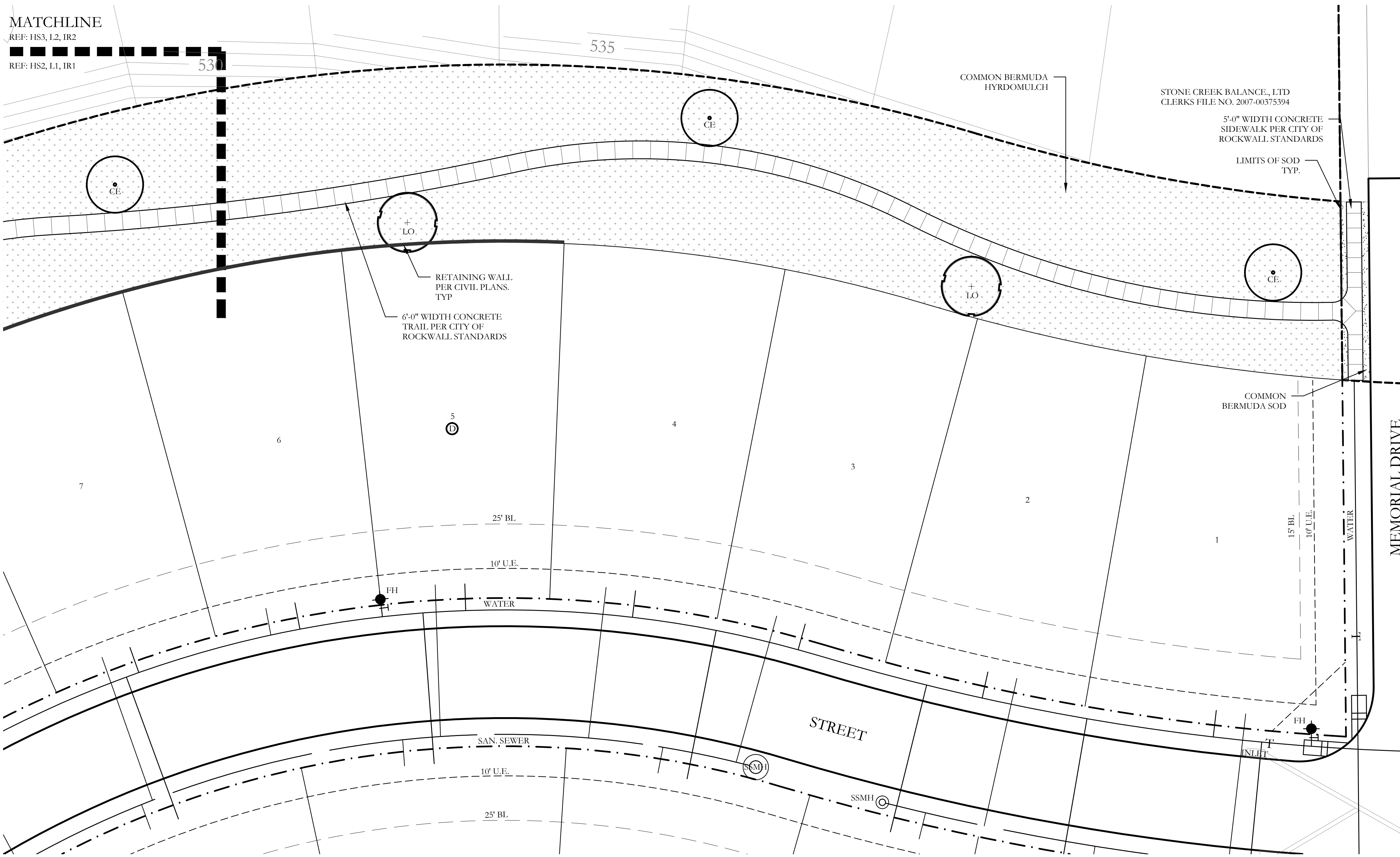
SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
SHEET NO.
L1 of 14

MATCHLINE

REF: HS3, L2, IR2

REF: HS2, L1, IR1

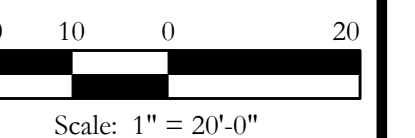
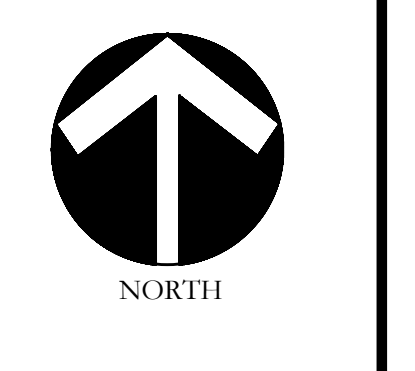
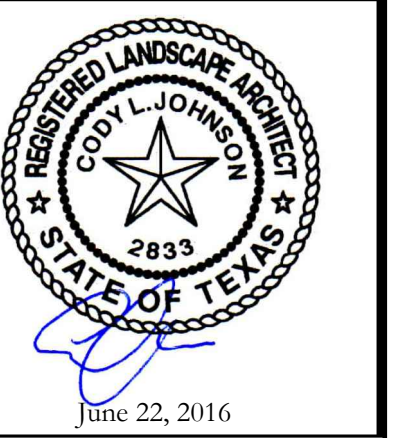


PLANT LEGEND

SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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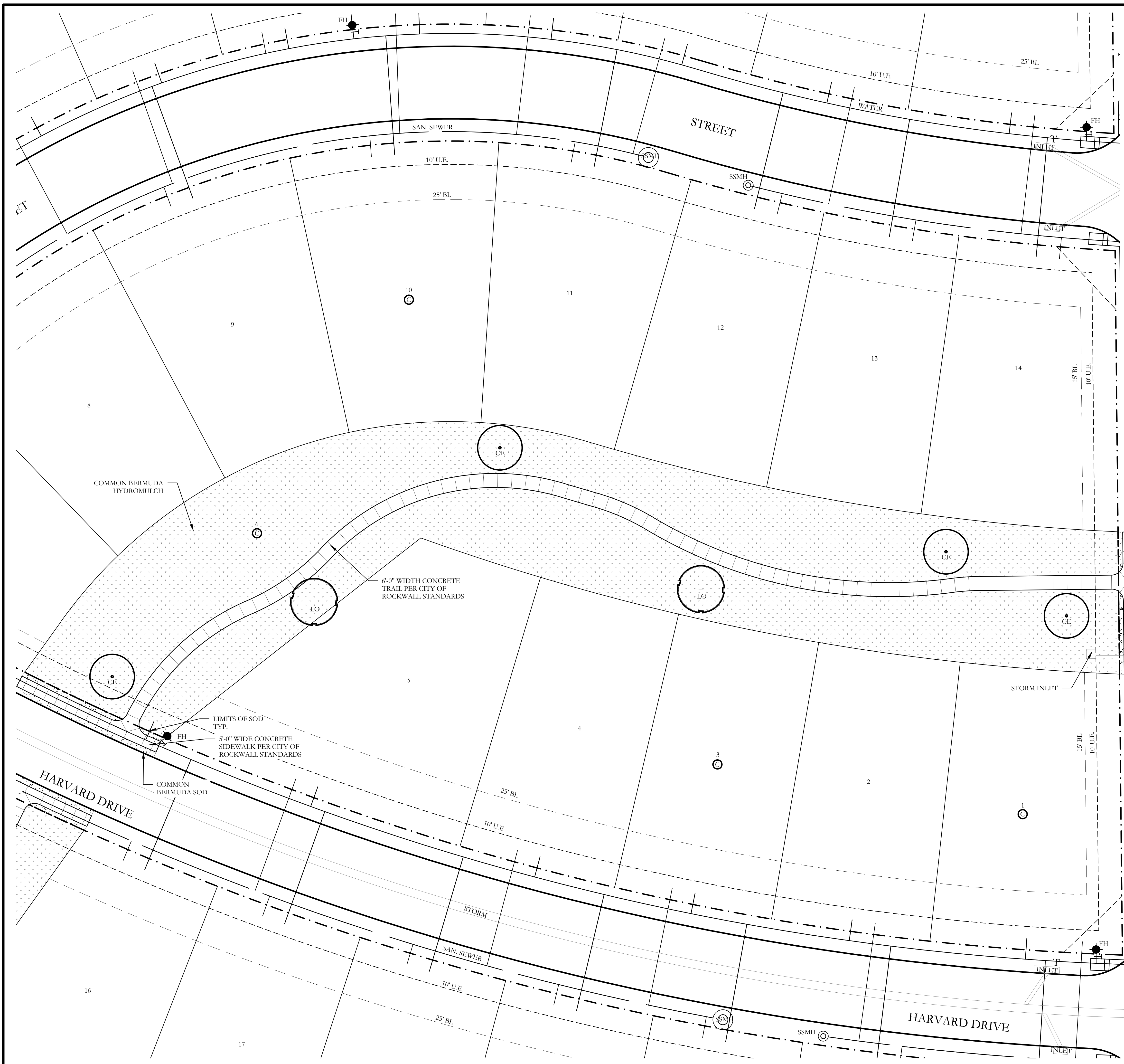
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One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
L2 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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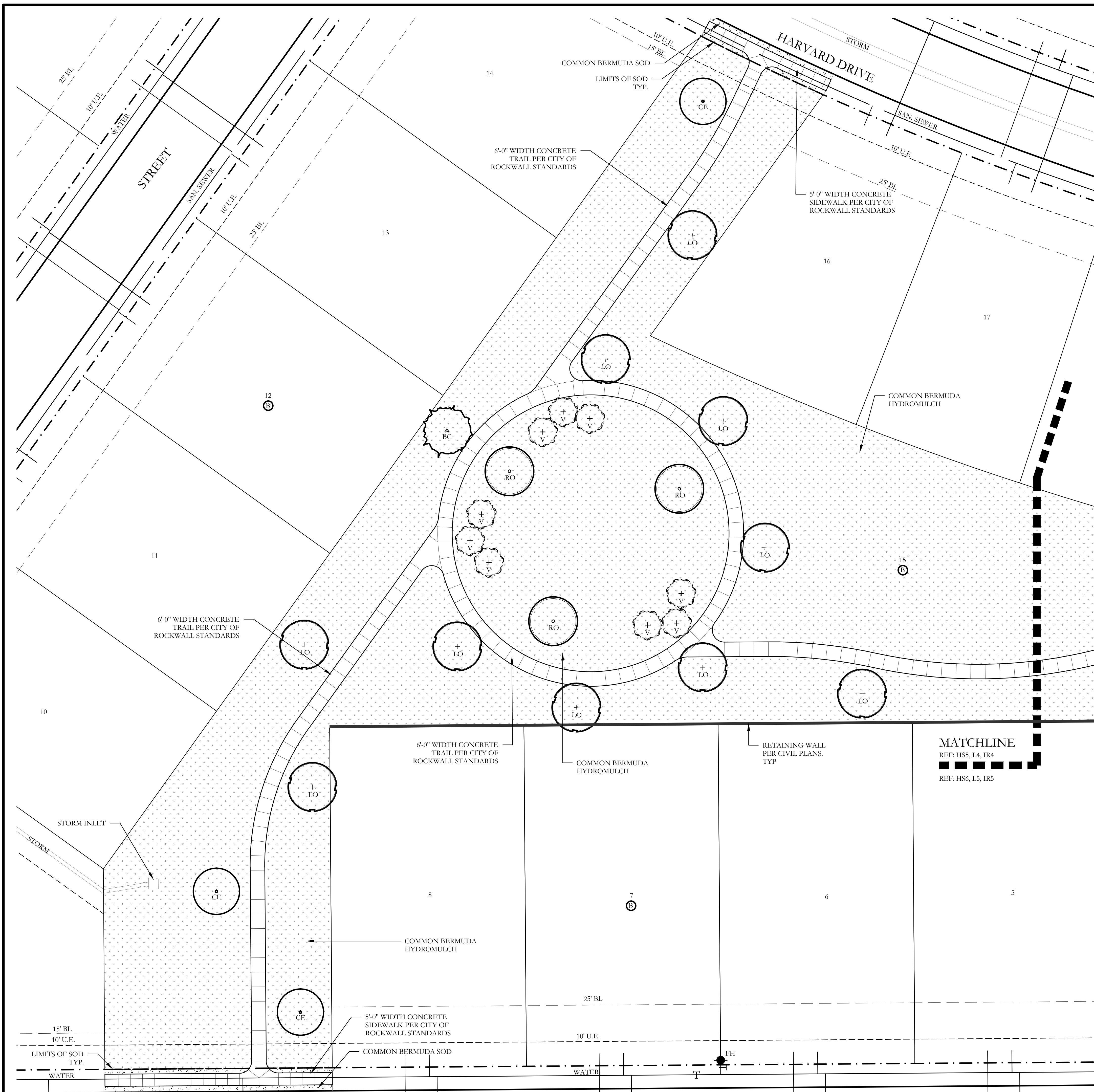
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One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

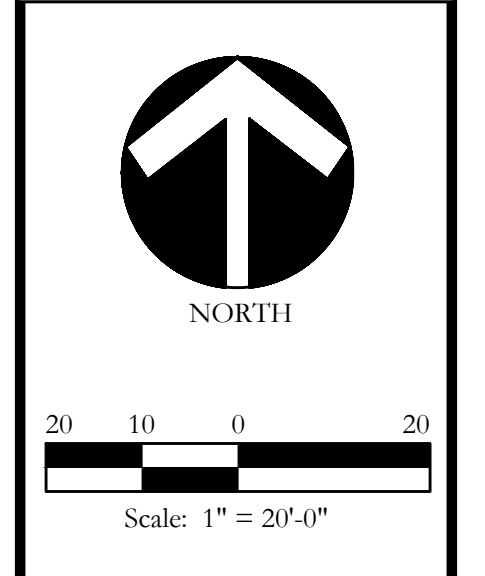
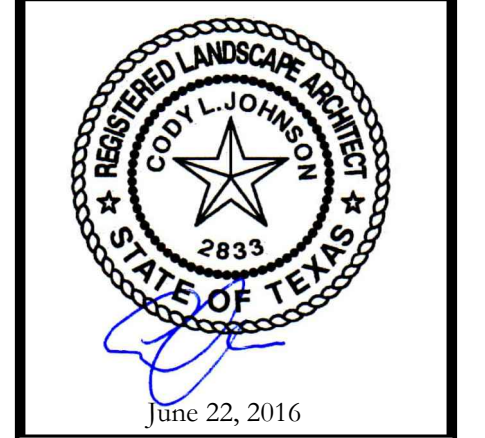
SHEET NO.
L3 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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One Inch

SCREENING AND BUFFERING

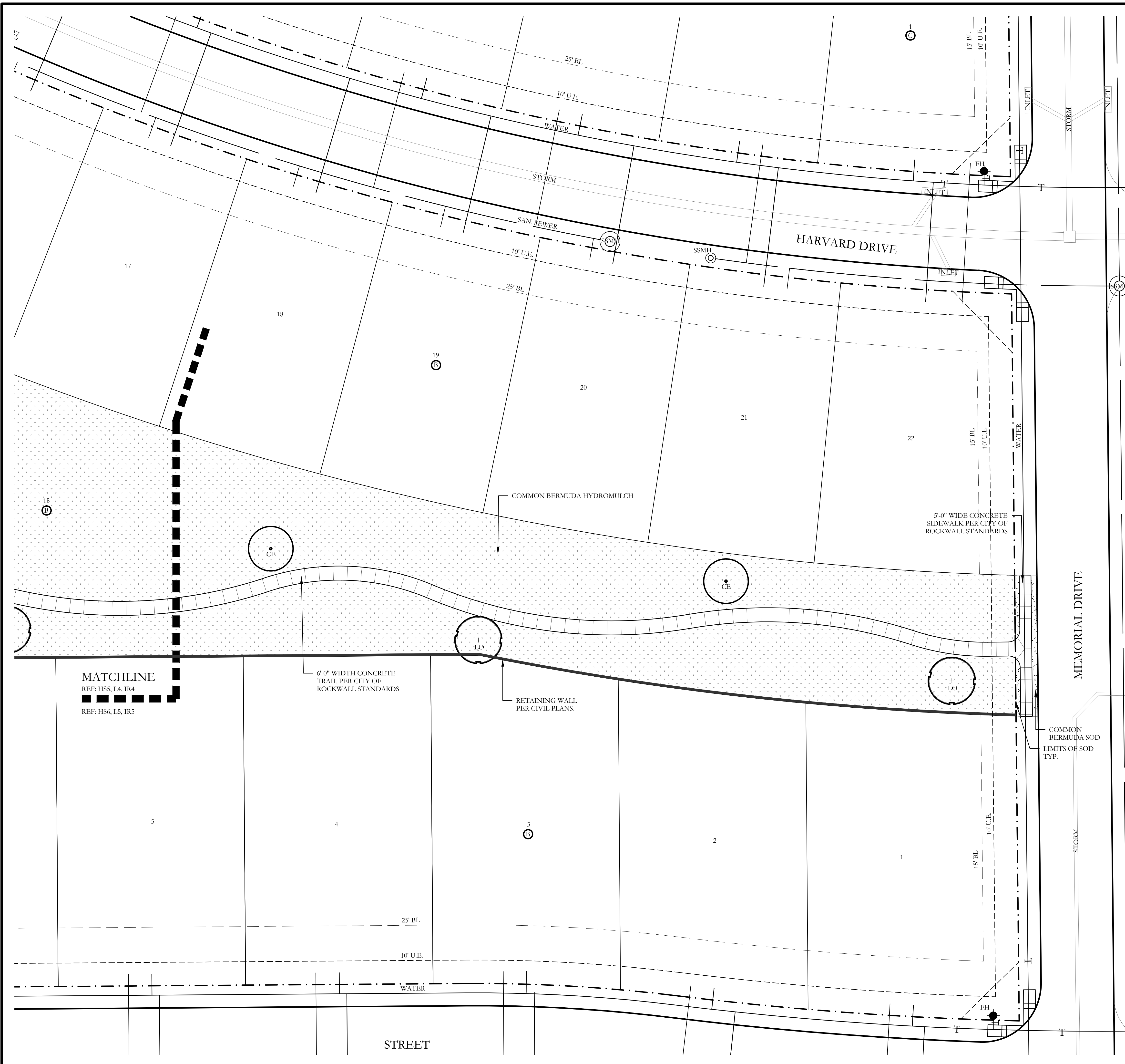
Landscape Plan

Stone Creek Phase VII

City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
L4 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

MATCHLINE
 REF: HS5, L4, IR4
 REF: HS6, L5, IR5

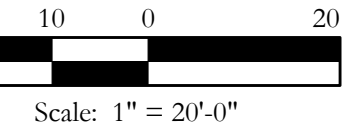
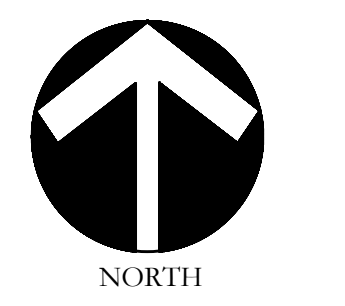
6'-0" WIDTH CONCRETE TRAIL PER CITY OF ROCKWALL STANDARDS

RETAINING WALL PER CIVIL PLANS.

5'-0" WIDE CONCRETE SIDEWALK PER CITY OF ROCKWALL STANDARDS

COMMON BERMUDA SOD LIMITS OF SOD TYP.

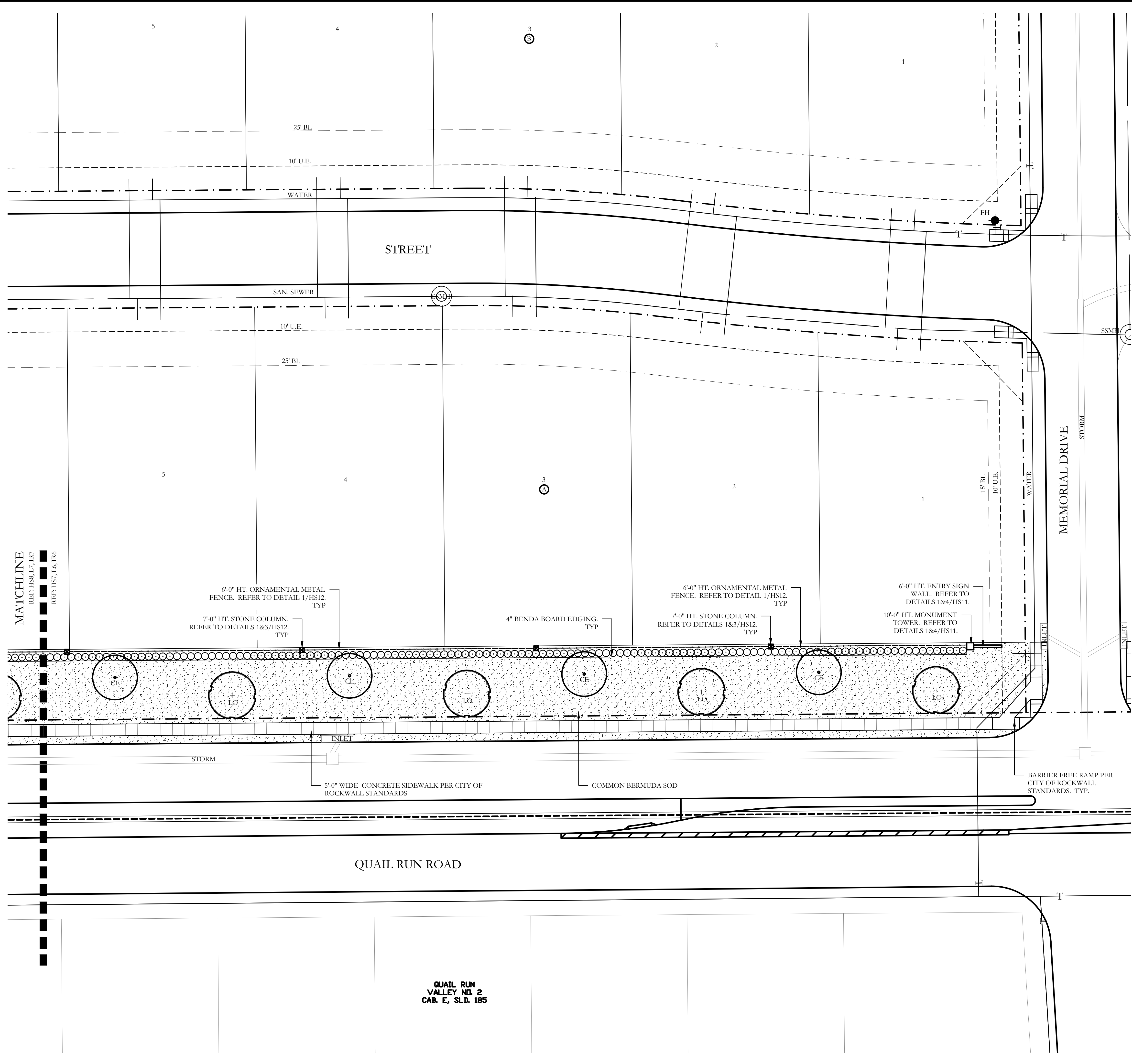
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 One Inch

SCREENING AND BUFFERING
 Landscape Plan
 Stone Creek Phase VII
 City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
 SHEET NO.
L5 of 14

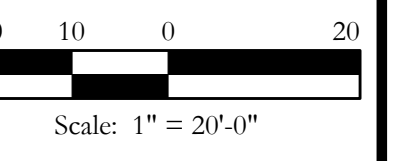
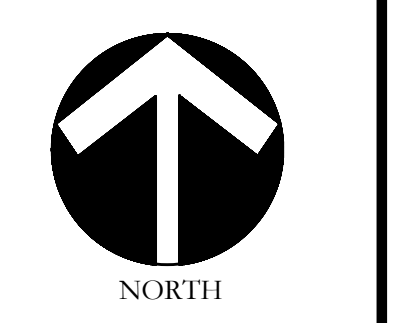


QUAIL RUN VALLEY NO. 2
CAB. E., S.L.D. 185

PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	GHASTR TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

CODY JOHNSON
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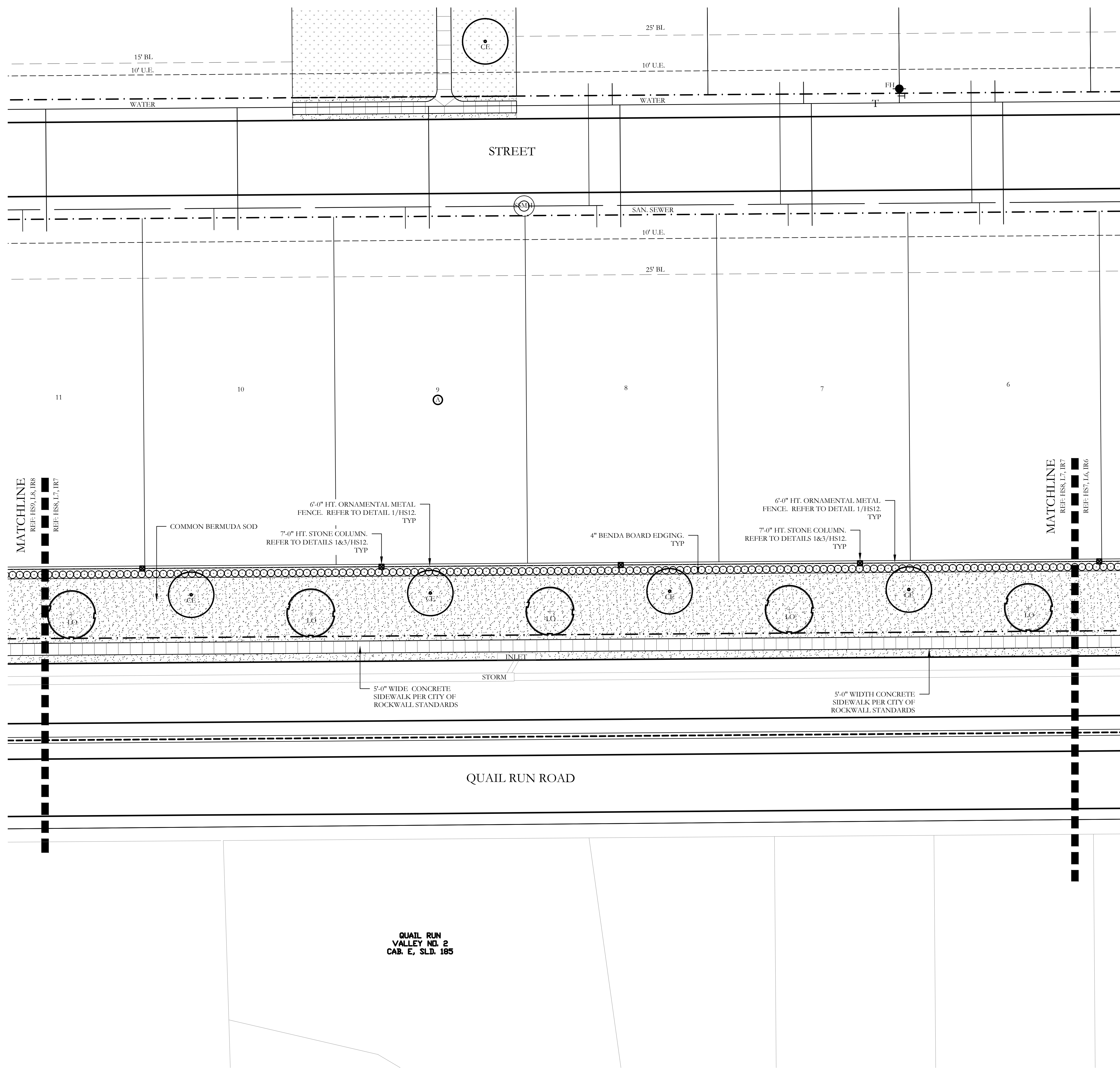
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One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

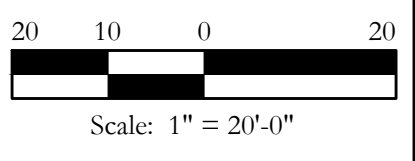
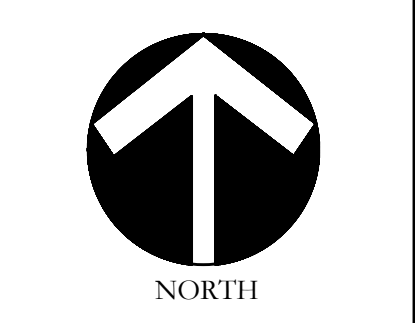
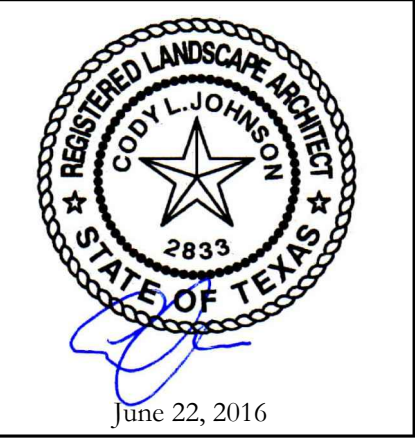
SHEET NO.
L6 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
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		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

CODY JOHNSON
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1217 CHANTANCOGA DR. FRESCO, TEXAS 75055
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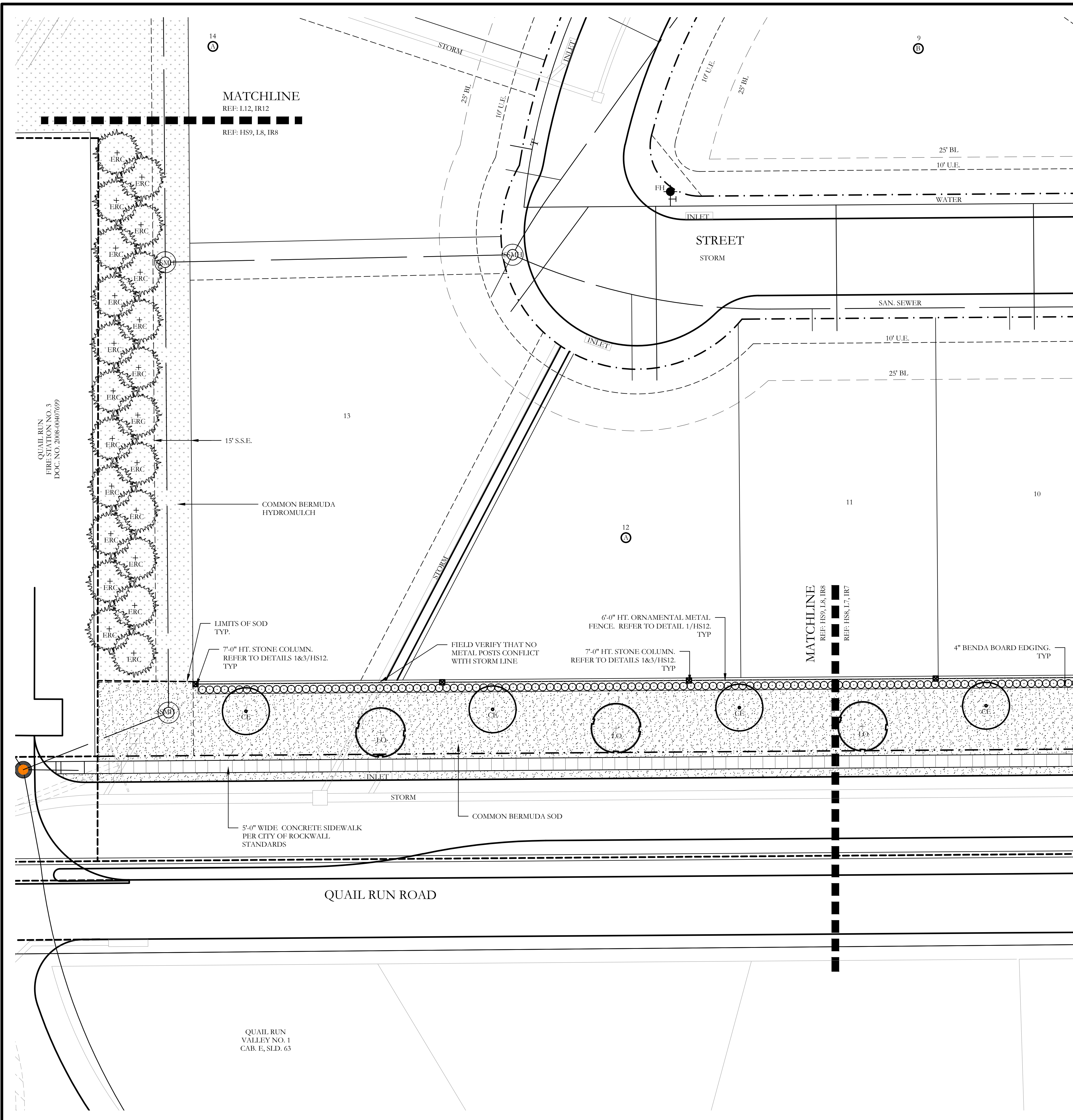
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One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

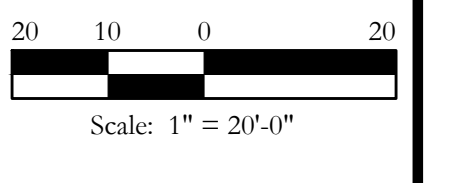
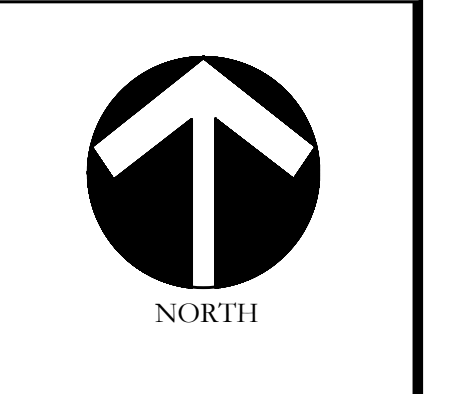
SHEET NO.
L7 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
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		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

CODY JOHNSON
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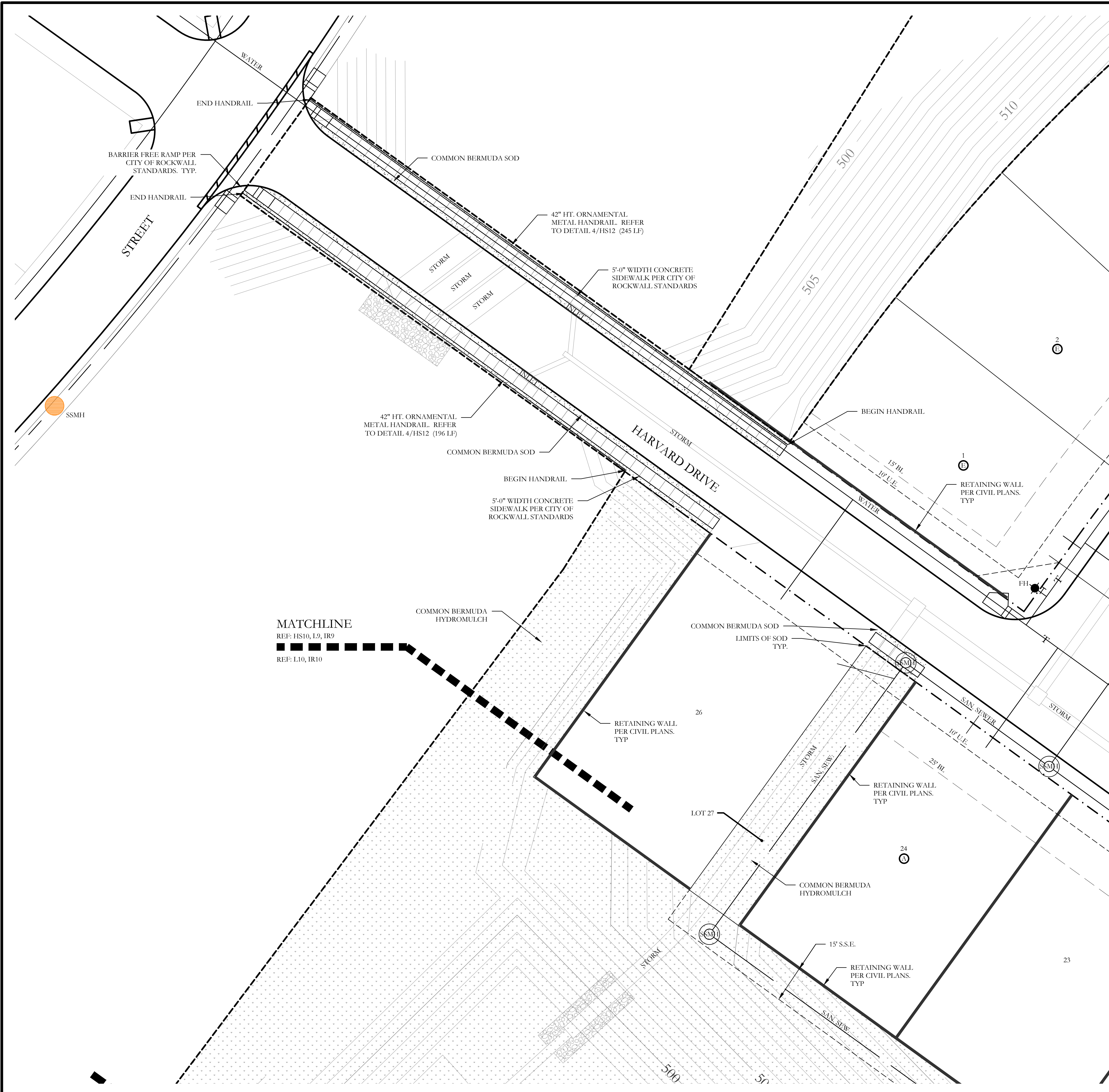
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

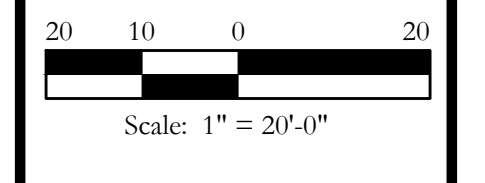
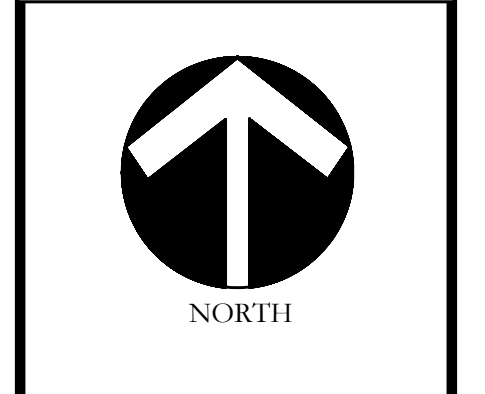
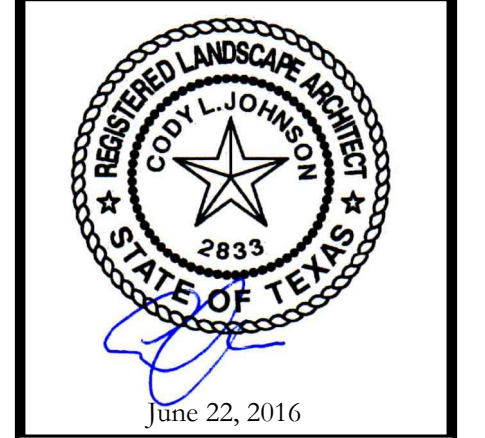
SHEET NO.
L8 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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SCREENING AND BUFFERING
 Landscape Plan
 Stone Creek Phase VII
 City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
L9 of 14



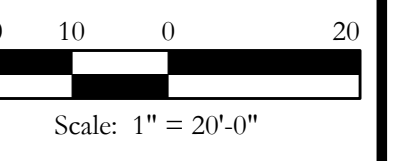
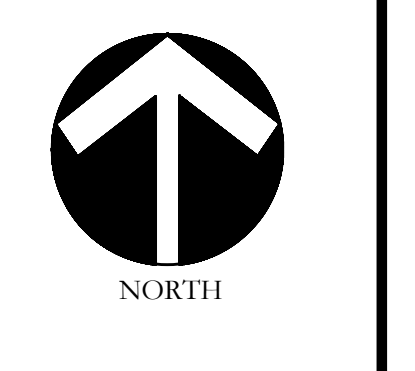
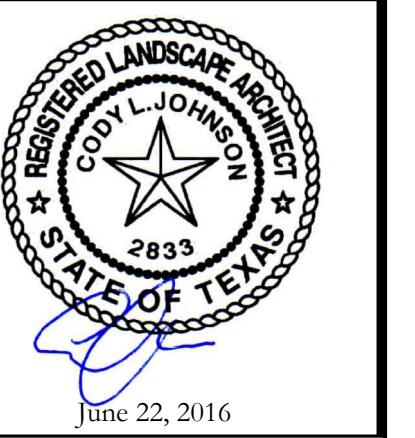
MATCHLINE
REF: HS10, L9, IR9
REF: L10, IR10

MATCHLINE
REF: L10, IR10
REF: L11, TR11

PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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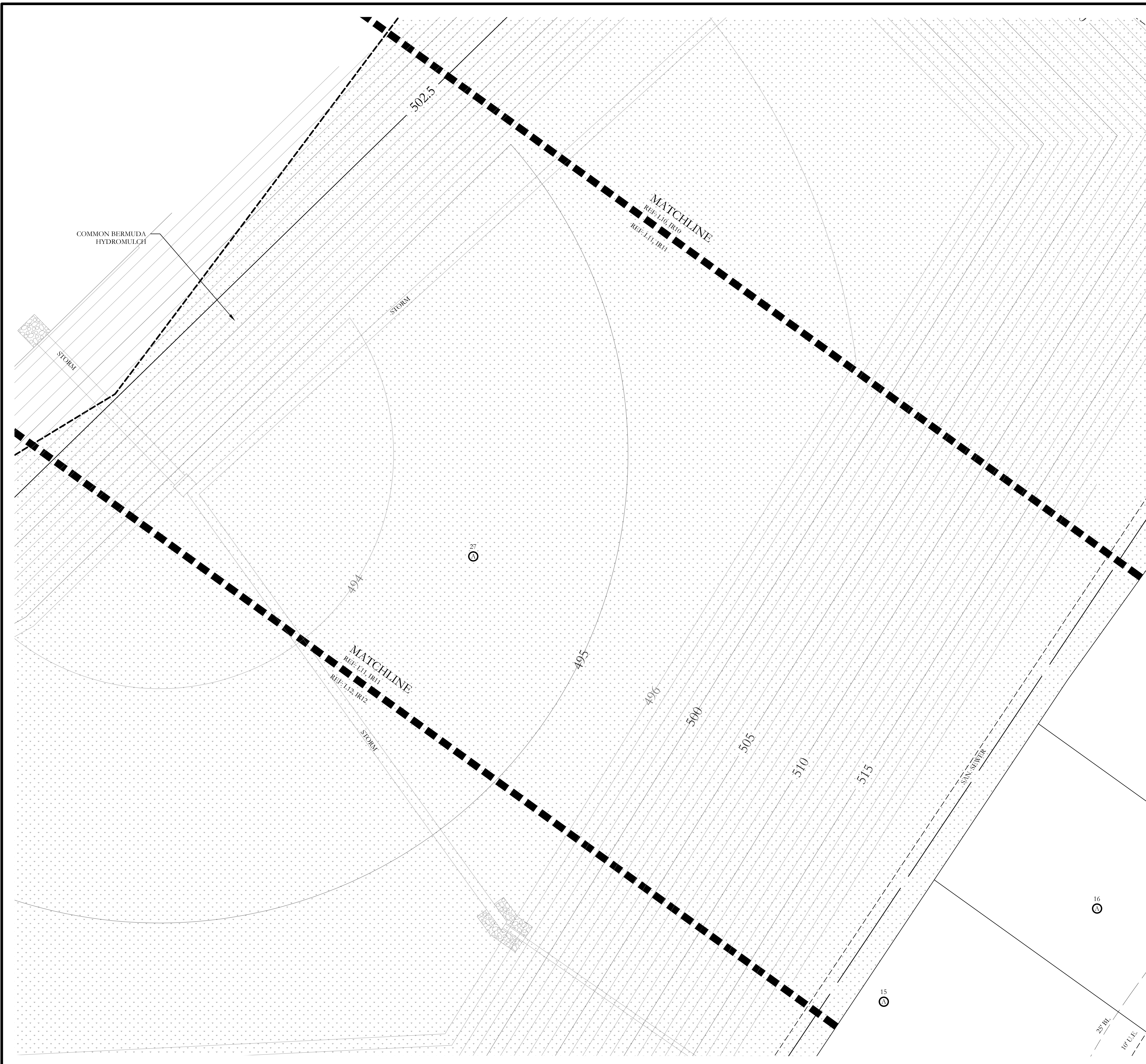
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One Inch

SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

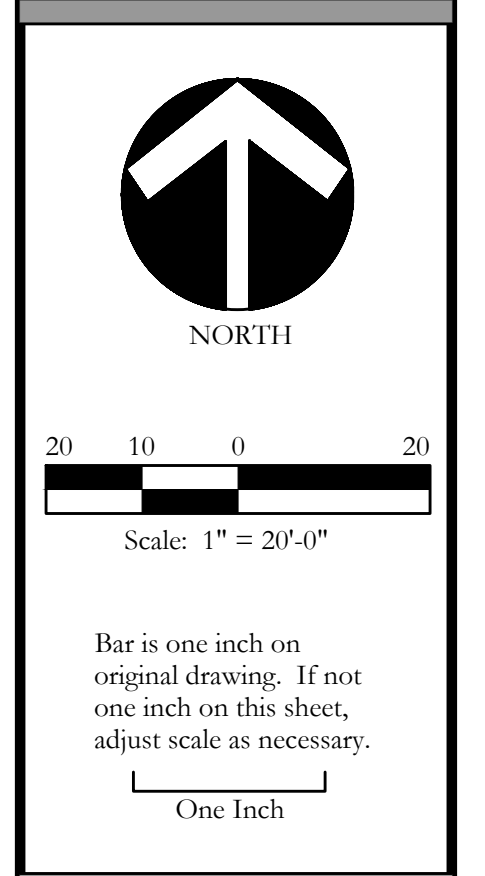
SHEET NO.
L10 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

CODY JOHNSON
s.t.u.d.i.o

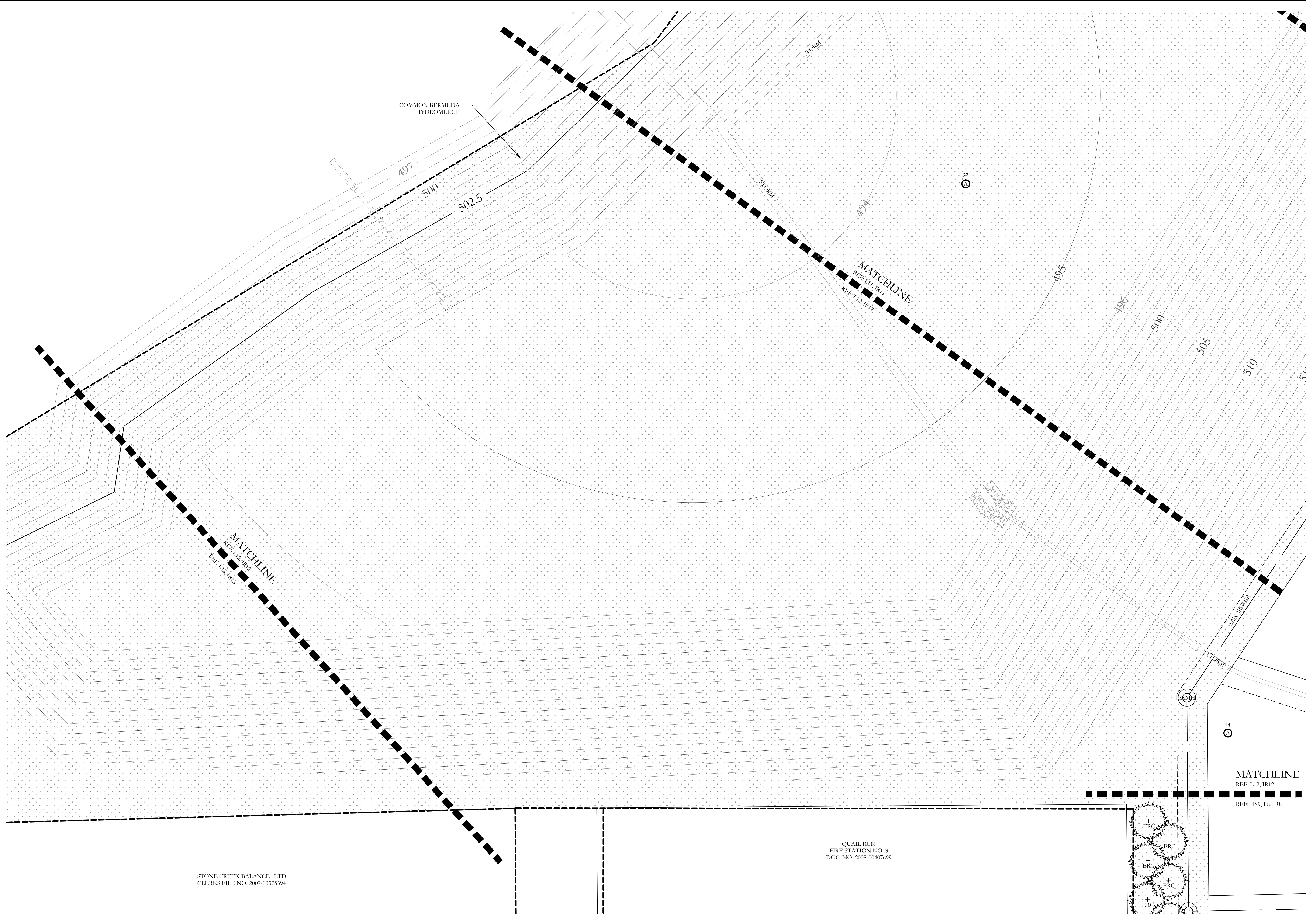
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SCREENING AND BUFFERING
Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
L11 of 14



STONE CREEK BALANCE, LTD
CLERKS FILE NO. 2007-00375394

QUAIL RUN
FIRE STATION NO. 3
DOC. NO. 2008-00407699

MATCHLINE
REF: L12, IR12
REF: H12, IR12

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REGISTERED LANDSCAPE ARCHITECT
CODY L. JOHNSON
2833
STATE OF TEXAS
June 22, 2016

NORTH

Scale: 1" = 20'-0"

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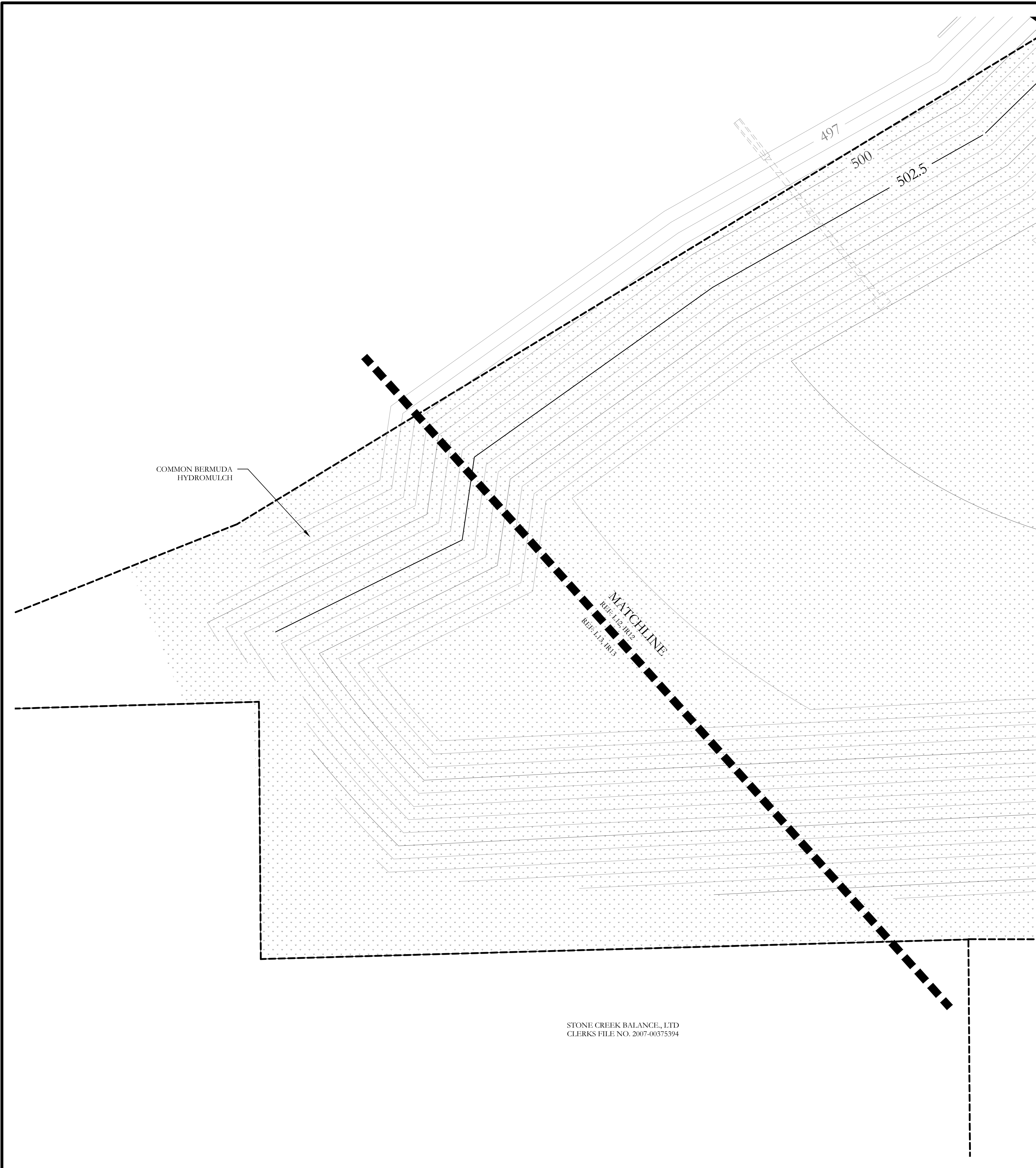
One Inch

SCREENING AND BUFFERING

Landscape Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
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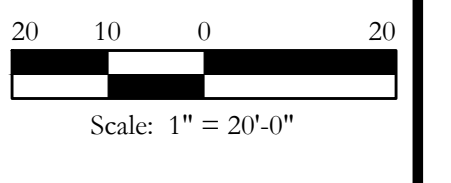
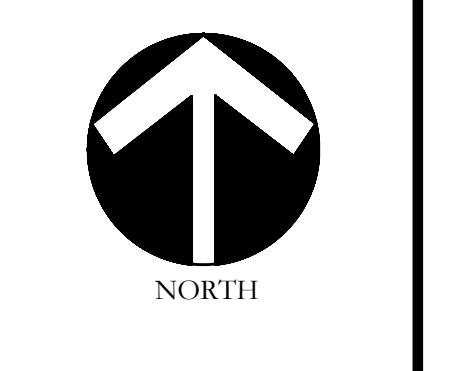
SHEET NO.
L12 of 14



PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	RO	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	8" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	V	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.
		COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

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One Inch

SCREENING AND BUFFERING
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Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
L13 of 14

TREE MITIGATION

PER THE APPROVED TREE SURVEY, A PENALTY OF 471.40 CALIPER INCHES SHALL BE REQUIRED FOR PHASE ONE OF THIS DEVELOPMENT.

AS SHOWN ON THE LANDSCAPE PLANS, THE DEVELOPER IS PROVIDING THE FOLLOWING MEANS OF OFFSETTING THE TREE MITIGATION PENALTY.

1. PROVIDING 22 - 3" CALIPER TREES ALONG QUAIL RUN ROAD (66 CALIPER INCHES)
2. PROVIDING 58 - 3" CALIPER TREES WITHIN THE COMMON AREAS (174 CALIPER INCHES)

A TOTAL OF 240.00 CALIPER INCHES IS PROVIDED BASED ON THE STATEMENT ABOVE.

THE REMAINING PENALTY OF 231.40 (471.40-240.00) SHALL BE SATISFIED WITH THE ON LOT PLANTING AS REQUIRED BY THE PD ORDINANCE. 80 RESIDENTIAL LOTS WITHIN PHASE ONE OF DEVELOPMENT WILL HAVE 2 - 3" CALIPER TREES PLANTED ON EACH LOT. A TOTAL OF 480.00 CALIPER INCHES WILL BE PROVIDED ON THESE PRIVATE LOTS.

SUMMARY TABLE

TREE MITIGATION PENALTY	471.40
TREE MITIGATION REDUCTION FOR PLANTING ALONG QUAIL RUN ROAD	-66.00
TREE MITIGATION REDUCTION FOR PLANTING WITHIN COMMON AREAS	-174.00
TREE MITIGATION REDUCTION FOR PLANTING ON EACH PRIVATE LOT	-480.00
TOTAL MITIGATION PENALTY REMAINING	-248.60

PLANT LIST

KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS
LO	29	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
RO	3	RED OAK	QUERCUS RUBRA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
CE	25	CEDAR ELM	ULMUS CRASSIFOLIA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
BC	1	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
ERC	22	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
V	9	CHASTE TREE	VITEX AGNUS-CASTUS	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT; CENTRAL LEADER SHALL BE MAINTAINED TO THE TOP OF THE TREE; NO CO-DOMINANT LEADERS SHALL BE ALLOWED.
	361	STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	5 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	489,000	COMMON BERMUDA HYDROMULCH	CYNODON DACTYLON	SQUARE FEET	HYDROMULCH	MINIMUM 100% COVERAGE ALL AREAS SHOWN
	40,450	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN

GENERAL LANDSCAPE NOTES

INSPECTIONS:

1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC WORKS DEPARTMENT.
2. THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
3. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
4. WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

LANDSCAPE STANDARDS:

1. PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS.
2. UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
3. A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
4. STREET TREES, WHERE REQUIRED, SHALL BE (10') MINIMUM FROM THE EDGE OF A STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
5. THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
6. TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) STANDARDS.
7. A 2-3" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 4" FROM THE TRUNK OF THE TREE.
8. TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
9. ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL FILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
10. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.
11. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

IRRIGATION STANDARDS:

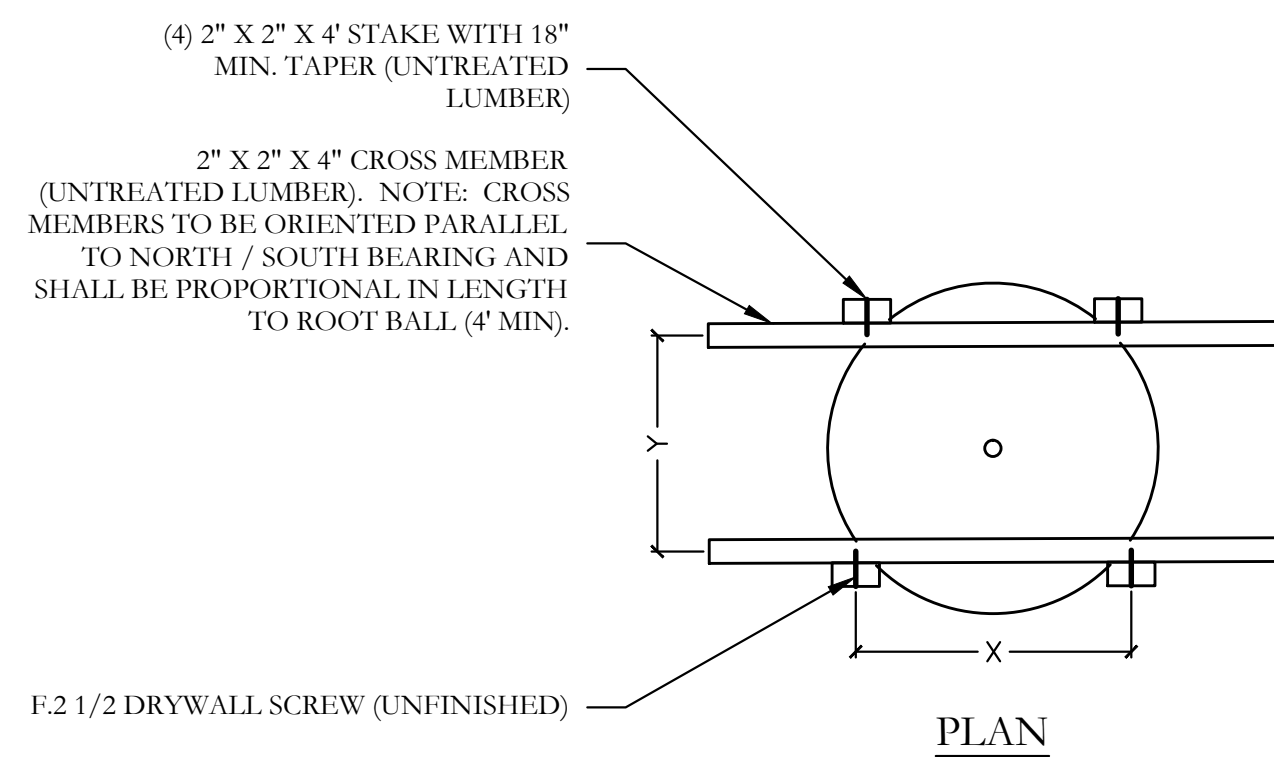
1. ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY.
2. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.
3. IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.
4. MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.
5. ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.
6. VALVES SHALL BE LOCATED A MINIMUM OF (3') AWAY FROM STORM SEWERS, AND SANITARY SEWER LINES AND 5 FEET FROM CITY FIRE HYDRANTS AND WATER VALVES.
7. THE BORE DEPTH UNDER STREETS, DRIVE ALLEYS, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).
8. IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES, SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.
9. NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

MAINTENANCE STANDARDS:

1. THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
2. LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCRUCH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.
4. TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
5. TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

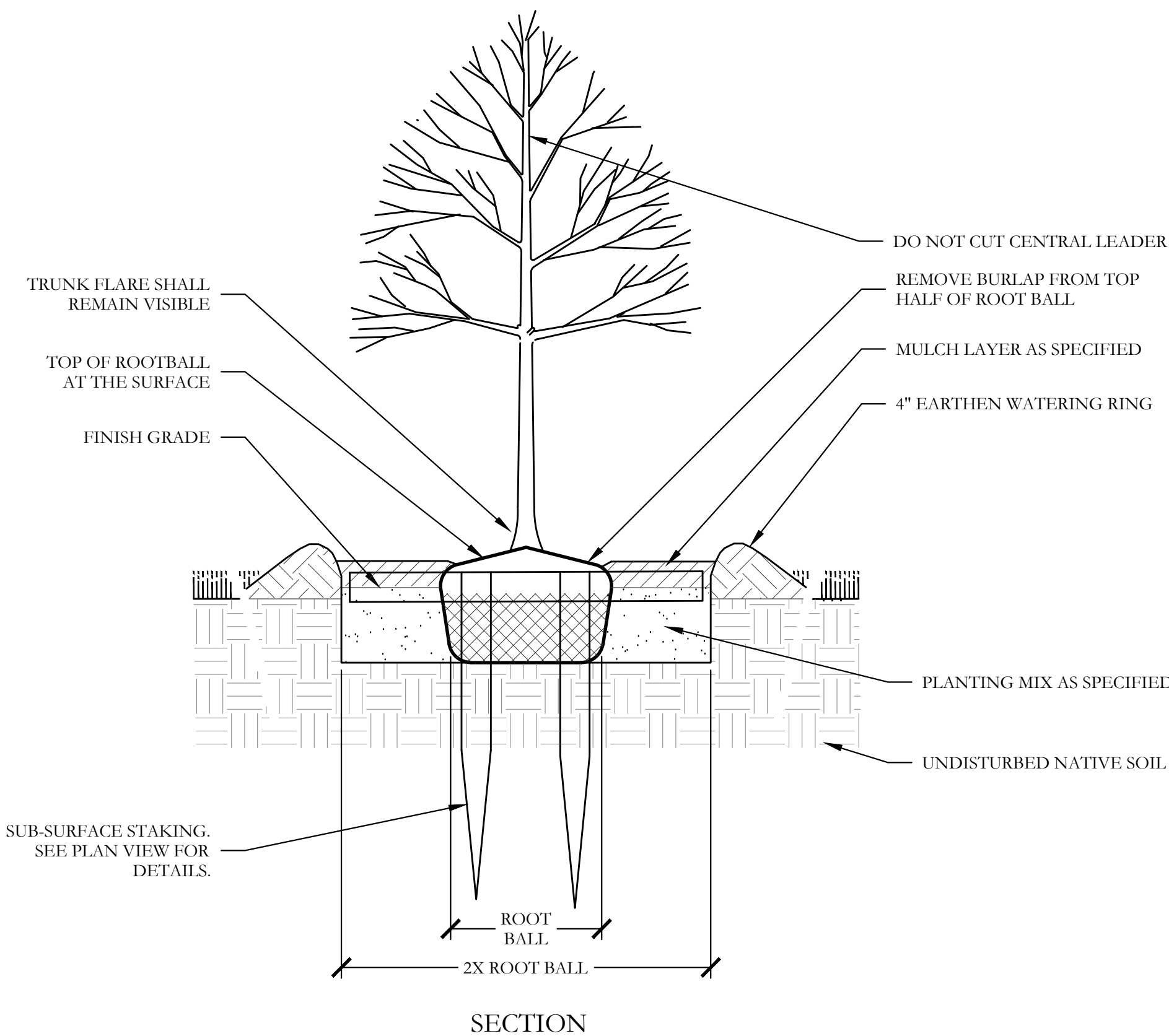
TREE PROTECTION NOTES:

1. CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR TRANSPLANTING OF ANY TREES.
2. ALL TREES WHICH ARE TO REMAIN ON SITE SHALL BE PROTECTED WITH A (4') TALL BRIGHTLY COLORED PLASTIC FENCE, OR SILT FENCE, PLACED AT THE DRIP LINE OF THE TREES.
3. PRIOR TO THE PRE-CONSTRUCTION MEETING OR OBTAINING A GRADING PERMIT, ALL TREE MARKINGS AND PROTECTIVE FENCING SHALL BE INSTALLED BY THE OWNER AND BE INSPECTED BY DEVELOPMENT SERVICES.
4. NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.
5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON SITE.
6. VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF THE DRIP LINE.
7. GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.
8. NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE CITY.
9. ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.
10. ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.



F-2 1/2 DRYWALL SCREW (UNFINISHED)

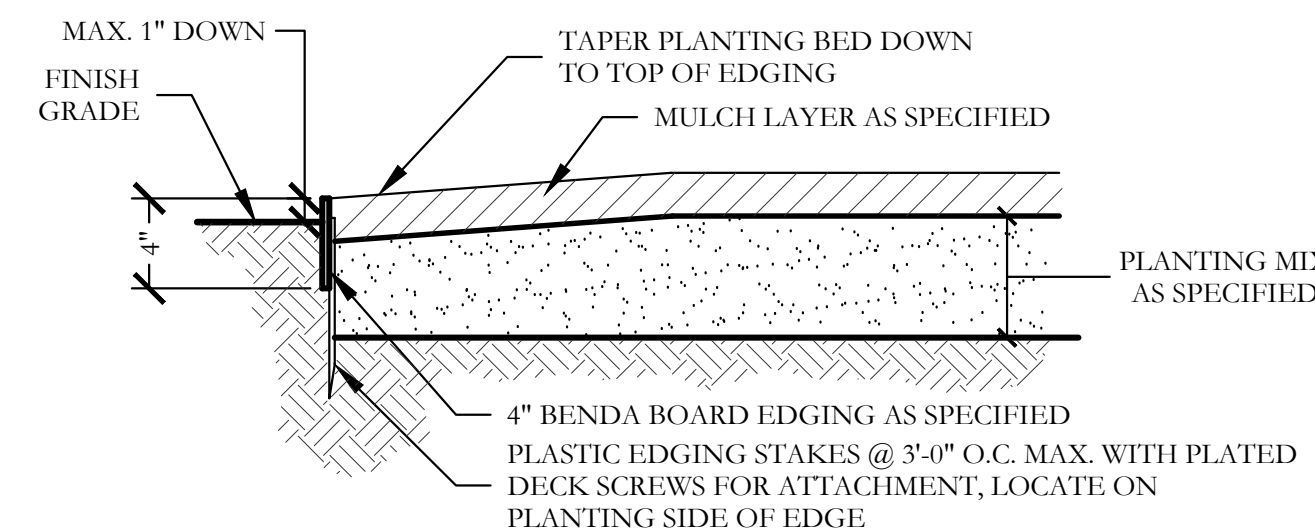
PLAN



SECTION

1 TYPICAL TREE PLANTING SECTION

NOT TO SCALE



2 TYPICAL BED EDGING DETAIL SECTION

NOT TO SCALE

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One Inch

SCREENING AND BUFFERING

Landscape Details

Stone Creek Phase VII

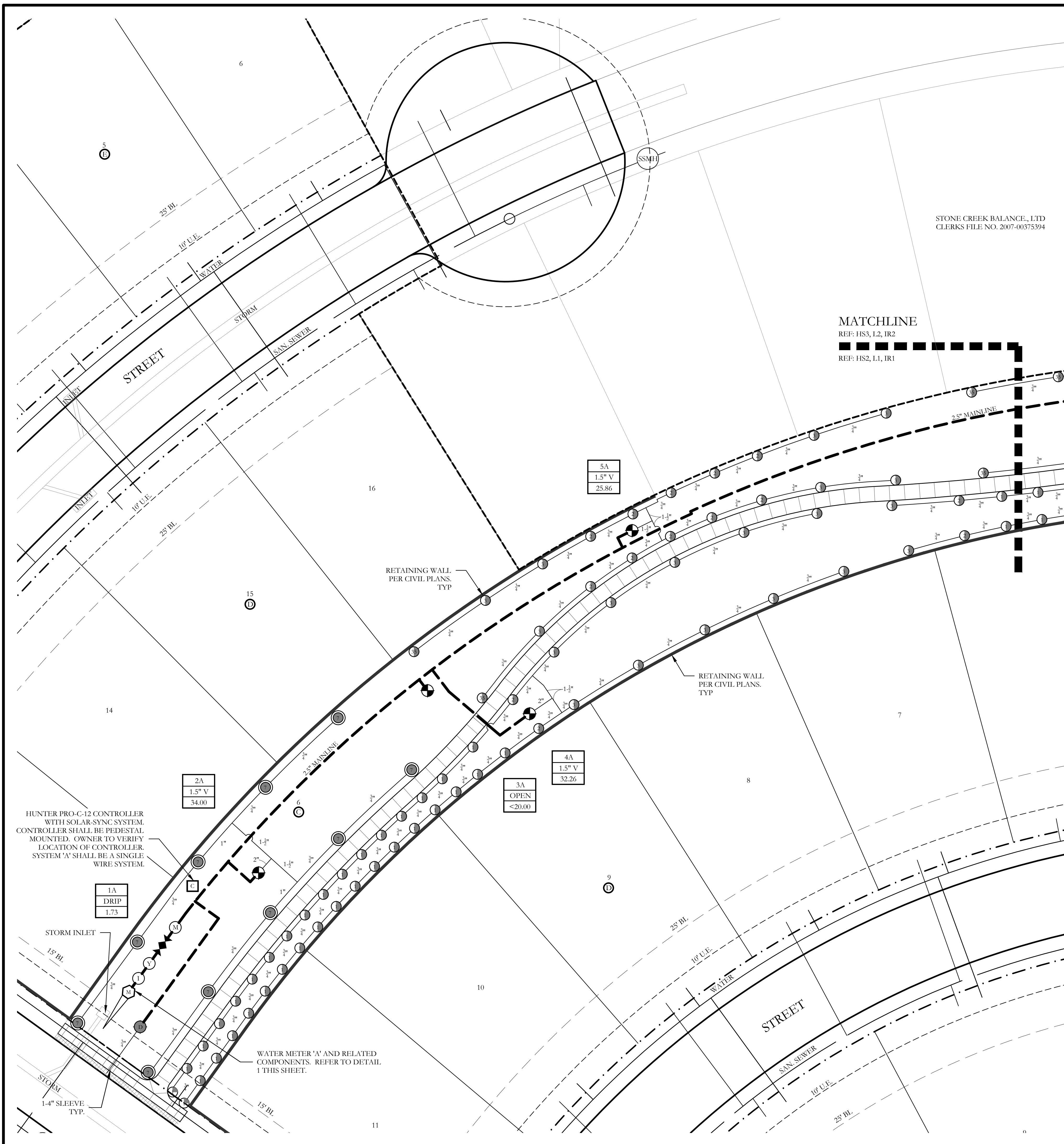
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.

MTH002

SHEET NO.

L14 of 14



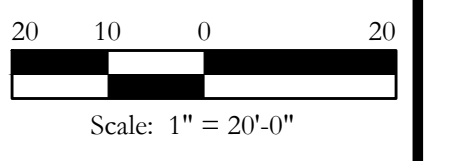
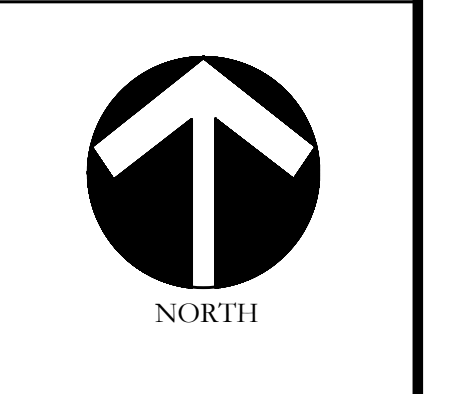
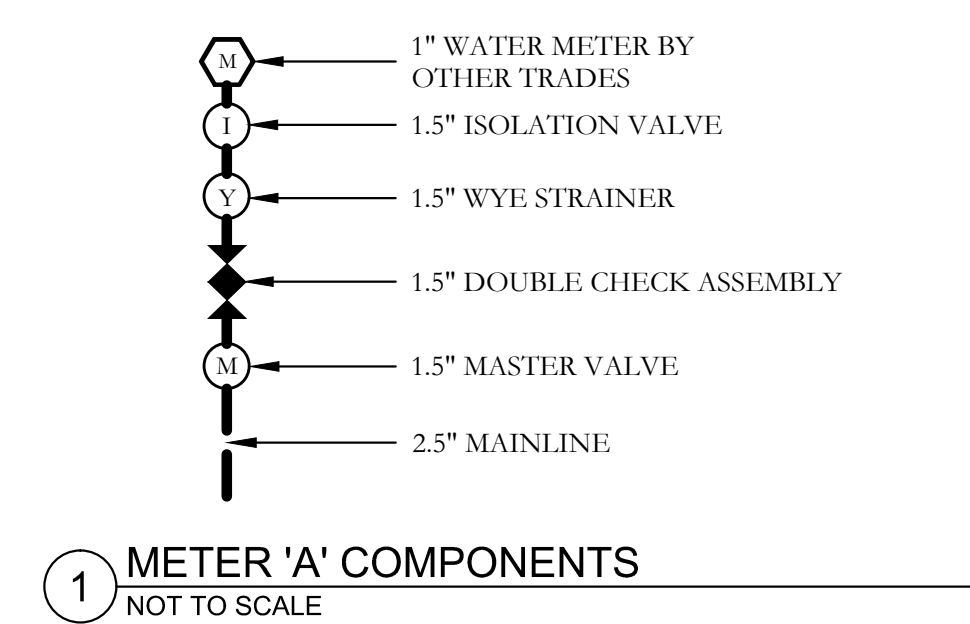
IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
☐	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A
●	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"
▨	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A
▩	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A
●	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"
⊖	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size
⊕	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP1000, MP2000, MP3000, MP3500
●	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MP1C315 IVORY MP1R3515 COPPER MP3530 BROWN
⊕	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8"-15"
⊙	ROTOR HEAD	HUNTER	PCP OR L-25 SERIES	PCP-#8 NOZZLE HALF L-25 #18 NOZZLE HALF L-25 #8 NOZZLE QUARTER
⊕	WATER METER	---	PER CITY	Refer to Plan for Size
⊕	DOUBLE CHECK VALVE	Febco	850-BV Series	Refer to Plan for Size
⊕	ISOLATION VALVE	Nibco	*T-113	Line Size
⊕	WYE STRAINER	Febco	*850	Refer to Plan for Size
⊕	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size
---	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size
---	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size
---	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size

- ☐ PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
- ⊕ VALVE SIZE IN INCHES
- ⊕ GALLONS PER MINUTE, PER VALVE

REFER TO SHEET IR14 FOR FULL IRRIGATION LEGEND AND SCHEDULE

ZONE VALVES LABELED AS "OPEN" ARE INTENDED FOR THE USE OF SUPPLYING HUNTER AFB-ADJ TREE BUBBLERS ON EACH PROPOSED TREE. IRRIGATION CONTRACTOR SHALL FIELD VERIFY THAT THESE ZONES DO NOT EXCEED 20 GALLONS PER MINUTE. THE IRRIGATION CONTRACTOR SHALL STAKE EACH TREE BUBBLER HEAD LOCATION AND RECEIVE APPROVAL FROM THE OWNER AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

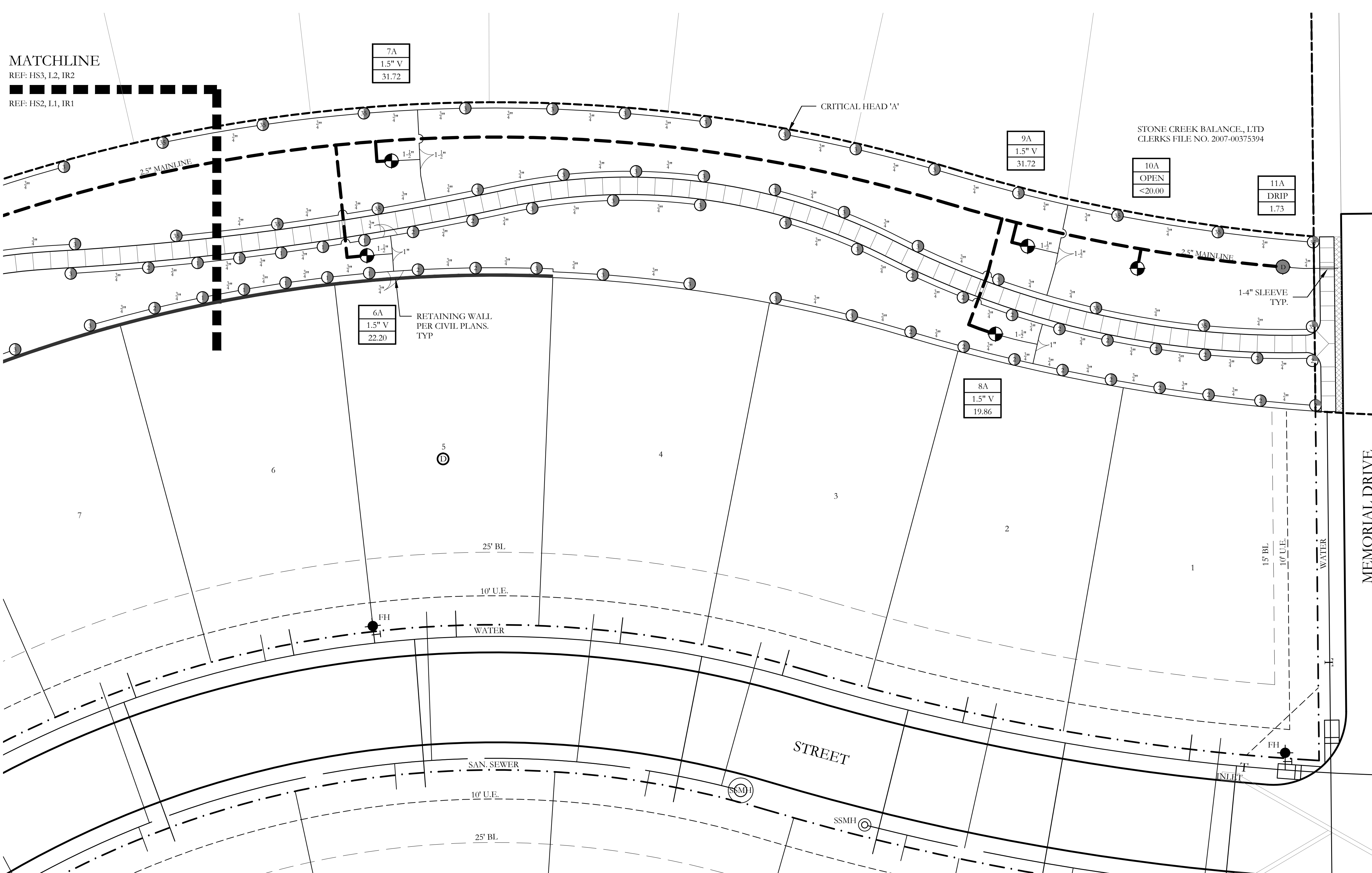


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One Inch

MATCHLINE
REF: HS3, L2, IR2

REF: HS2, L1, IR1



SINGLE WIRE IRRIGATION NOTES

1. PROVIDE A COMPLETE, FUNCTIONING AUTOMATIC IRRIGATION SYSTEM INCLUDING LABOR, MATERIALS, FEES, TAXES, EQUIPMENT, AND OTHER COSTS INCIDENTAL TO ACCOMPLISHING WORK.
2. ACQUIRE WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT OR LICENSED IRRIGATOR FOR MATERIAL SUBSTITUTES PRIOR TO BEGINNING INSTALLATION.
3. FORTY EIGHT (48) HOURS BEFORE IRRIGATION CONSTRUCTION BEGINS, IRRIGATION CONTRACTOR MUST CALL (800) DIG-TESS AND IS RESPONSIBLE FOR LOCATING EXISTING UNDERGROUND UTILITIES AND/OR OBSTACLES PRIOR TO BEGINNING WORK. ANY DAMAGE TO UTILITIES AND/OR FINISHES FROM INFERIOR WORKMANSHIP BY THE IRRIGATION CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
4. PIPING IS DIAGRAMMATIC AND SHOWN FOR CLARITY ONLY. ADJUST AS REQUIRED FOR EXISTING UTILITIES, OBSTRUCTIONS, TREE ROOT BALLS, ETC. PIPING AND VALVES SHOWN IN PAVING FOR CLARITY ONLY AND SHALL BE INSTALLED IN ADJACENT LANDSCAPE AREA. COORDINATE WITH THE CITY OR ENTITY INSPECTING THE IRRIGATION SYSTEM AND DETERMINE THE LOCAL RULES AND CODES TO ABIDE BY REGARDING MAINLINE AND LATERAL PIPING LOCATIONS.
5. COORDINATE SLEEVE AND CONDUIT REQUIREMENTS WITH GENERAL CONTRACTOR. IRRIGATION SLEEVES SHALL BE AS FOLLOWS:
 - 5.1. SLEEVES INTENDED FOR LATERAL LINES ARE TO BE ONE-FOUR INCH SLEEVE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND BACK OF CURB.
 - 5.2. SLEEVES INTENDED FOR THE 2.5" MAINLINE ARE TO BE TWO-FOUR INCH SLEEVES SIDE BY SIDE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND BACK OF CURB.
6. LOCATE EACH END OF IRRIGATION SLEEVES DIMENSIONALLY ON THE RECORD "AS BUILT" DRAWINGS.
7. THE IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE LANDSCAPE CONTRACTOR TO ENSURE ALL PLANT MATERIAL WILL BE WATERED IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.
8. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO PLANT MATERIAL DUE TO SYSTEM FAILURE FROM INFERIOR WORKMANSHIP FOR THE DURATION OF THE INSTALLATION OF PLANT MATERIAL AND MAINTENANCE PERIOD FOLLOWING INSTALLATION.
9. THE IRRIGATION CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL NECESSARY TO HAND DIG WITHIN ALL EXISTING TREE DRIFLINE ZONES AT NO ADDITIONAL COST TO THE OWNER. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO STAKE AND RECEIVE APPROVAL FROM ALL DISCIPLINES PRIOR TO AN TRENCHING AND HAND DIGGING IN AREAS OF EXISTING TREE COVERAGE OR ANY ADDITIONAL AREAS THAT MIGHT BE QUESTIONABLE.
10. EXTEND ONE EXTRA CONTROL WIRE TO FARTHEST VALVE, ROUTED PARALLEL TO COMMON GROUND WIRE WITH INSTALLATION OF LEAD AND COMMON WIRES.
11. CONTROL WIRE SHALL BE DIRECT BURIAL, 24 VOLT, SINGLE CONDUCTOR, SOLID COPPER, PLASTIC INSULATED CABLE, RATED FOR DIRECT BURIAL APPLICATIONS, UL, APPROVED, 14 GAUGE, MINIMUM LEAD AND COMMON GROUND RETURN WIRE UNLESS NOTED OTHERWISE ON PLANS. COLOR OF INSULATION AS FOLLOWS:
 - 11.1. LEAD WIRE: ANY COLOR (SAME COLOR), EXCEPT WHITE OR ORANGE
 - 11.2. COMMON GROUND WIRE: WHITE (COLOR)
 - 11.3. EXTRA CONTROL WIRE: ORANGE (COLOR)
12. WIRE SPLICES SHALL BE KING ONE-STEP #7 (TAN) OR 3M-DBY PERMANENT AND WATERPROOF. INSTALL ALL WIRE SPLICES IN 10" ROUND PENTEK VALVE BOXES.
13. THE OWNER AND/OR LANDSCAPE ARCHITECT SHALL DETERMINE THE FINAL CONTROLLER LOCATION. THE IRRIGATION CONTRACTOR SHALL MAKE FINAL ELECTRICAL CONNECTION OF CONTROLLER PER LOCAL ELECTRICAL CODE. PROVIDE ALL NECESSARY FUSE BOXES, CONDUIT, FITTINGS, CONNECTORS OR OTHER ELECTRICAL DEVICES TO MAKE CONNECTION. OWNER SHALL PROVIDE ELECTRICAL SERVICE WITHIN 10 LINEAR FEET OF CONTROLLER LOCATION UNLESS NOTED OTHERWISE ON DRAWINGS.
14. CONNECT REMOTE SENSORS TO CONTROLLER WITH GROUND WIRE IN SERIES PRIOR TO CONNECTING TO REMOTE CONTROL VALVES.
15. ALL P.V.C. MAINLINES AND LATERAL LINES SHALL RECEIVE AS FOLLOWS:
 - 15.1. 18" MINIMUM COVER FOR MAIN LINES
 - 15.2. 18" MINIMUM COVER FOR PIPING LOCATED UNDER PAVING
 - 15.3. 12" MINIMUM COVER FOR LATERAL LINES
16. THE MINIMUM DISTANCE BETWEEN THE MAINLINE AND LATERAL LINE FITTINGS (EXCEPT FOR REDUCER BUSHINGS) SHALL BE 18".
17. THE MINIMUM HORIZONTAL DISTANCE OF 36" SHALL BE MAINTAINED BETWEEN ANY VALVES THAT ARE INSTALLED SIDE BY SIDE.
18. WHERE SERVICE TREES ARE INSTALLED ON THE MAINLINE FOR INSTALLATION OF THE ELECTRIC VALVES AND/OR QUICK COUPLING VALVES, THE CONTRACTOR SHALL LIMIT THE NUMBER OF THESE PER SERVICE TEE. DO NOT INSTALL MORE THAN A TOTAL OF EITHER THREE ELECTRIC VALVES OR A COMBINATION OF TWO ELECTRIC VALVES AND ONE QUICK COUPLER VALVE AT EACH TEE. THE MINIMUM DISTANCE BETWEEN FITTINGS SHALL BE 18" AS REFERENCED IN THE ABOVE NOTES.
19. ALL PVC PIPE AND FITTINGS ARE TO BE PRIMED WITH PURPLE PVC PRIMER SOLVENT BEFORE APPLYING PVC CEMENT IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.
20. INSTALL QUICK COUPLING VALVES IN 12"X17" PENTEK VALVE BOXES PER DETAIL SHOWN. CONNECT QUICK COUPLING VALVES TO MAINLINE PIPE WITH LASCO UNITIZED, O-RING SWING JOINTS PER DETAIL SHOWN, #T722-22. SUPPLY OWNER WITH THREE COUPLER KEYS WITH SWIVEL HOSE BIBB EACH, #53DK-10 AND #SH-0 RESPECTIVELY. VALVES TO BE INSTALLED SO THAT THE TOP OF THE QUICK COUPLER IS 2" BELOW BOTTOM OF VALVE BOX LID. PURPLE LID SHALL READ "NON-POTABLE, NOT SAFE FOR DRINKING" IN ENGLISH AND SPANISH.
21. ALL LATERAL LINES SHALL BE 3/4" CLASS 200 PVC UNLESS OTHERWISE NOTED ON PLANS.
22. ZONE VALVES LABELED AS "OPEN" ARE INTENDED FOR THE USE OF SUPPLYING HUNTER AFB-ADJ TREE BUBBLERS ON EACH PROPOSED TREE. IRRIGATION CONTRACTOR SHALL FIELD VERIFY THAT THESE ZONES DO NOT EXCEED 20 GALLONS PER MINUTE. THE IRRIGATION CONTRACTOR SHALL STAKE EACH TREE BUBBLER HEAD LOCATION AND RECEIVE APPROVAL FROM THE OWNER AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
23. ALL STATE OF TEXAS LAWS/RULES AND ALL LOCAL CODES/ORDINANCES AREA MADE PART OF THESE PLANS AND SPECIFICATIONS WHETHER SHOWN OR NOT. THESE LAWS AND ORDINANCES WILL SUPERSEDE THE PLANS, DETAILS, AND/OR SPECIFICATIONS FOR THIS PROJECT. THE IRRIGATION CONTRACTOR IS CAUTIONED THAT HE/SHE IS TO INCLUDE ANY AND ALL COST NECESSARY TO MEET OR EXCEED THE LAWS OF THE STATE OF TEXAS AND LOCAL CODES CONCERNING LANDSCAPE IRRIGATION.

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CODY L. JOHNSON
17132
June 22, 2016

NORTH

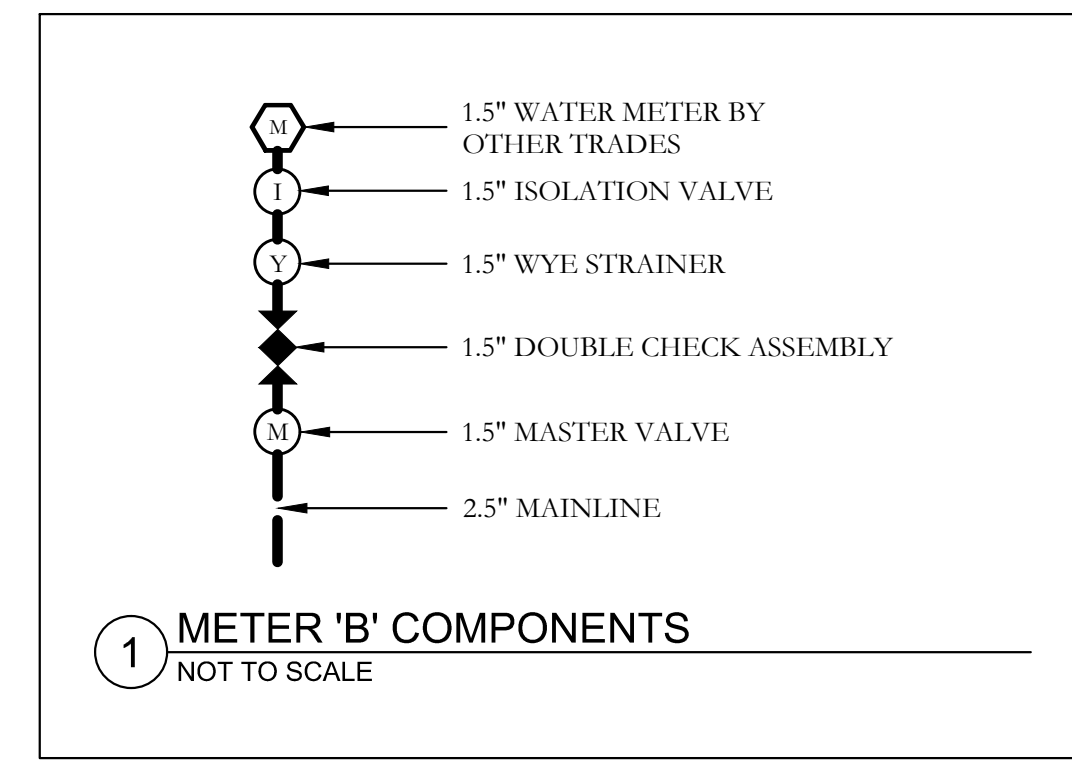
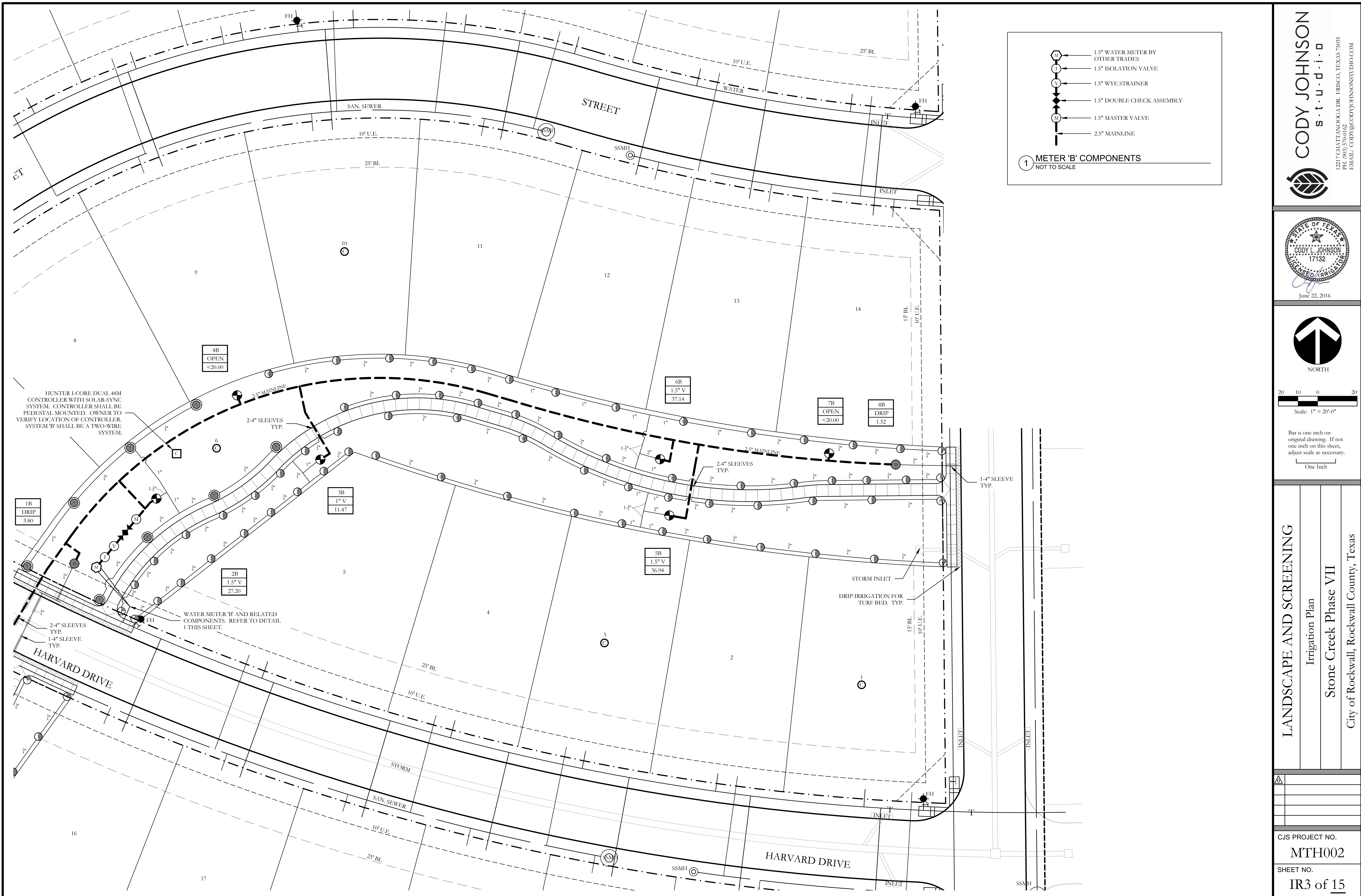
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Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

LANDSCAPE AND SCREENING
Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
SHEET NO.
IR2 of 15



HUNTER I-CORE DUAL 48M
CONTROLLER WITH SOLAR-SYNC
SYSTEM. CONTROLLER SHALL BE
PEDESTAL MOUNTED. OWNER TO
VERIFY LOCATION OF CONTROLLER.
SYSTEM 'B' SHALL BE A TWO-WIRE
SYSTEM.

WATER METER 'B' AND RELATED
COMPONENTS. REFER TO DETAIL
1 THIS SHEET.

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NORTH

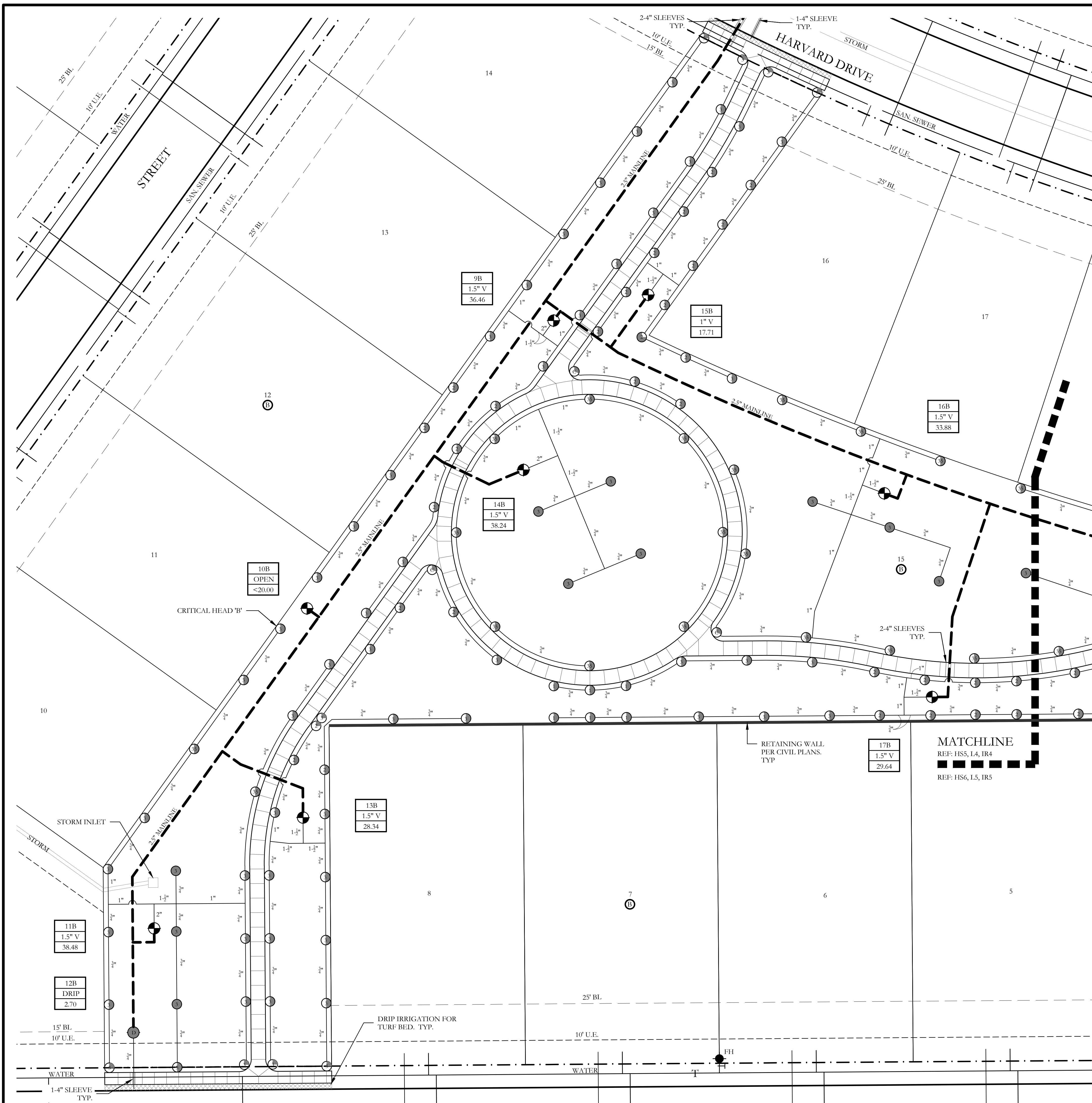
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LANDSCAPE AND SCREENING
Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.	MTH002
SHEET NO.	IR3 of 15



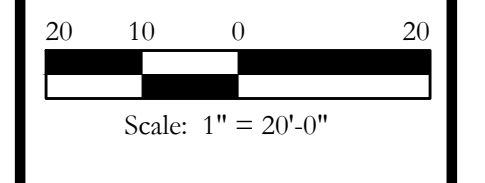
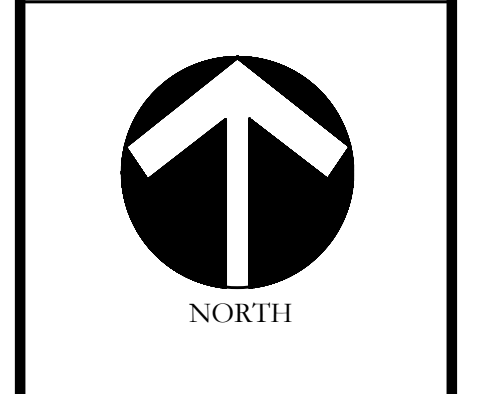
IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
Ⓜ	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A
Ⓢ	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"
▨	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A
▩	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A
●	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"
⊖	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size
⊙	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP1000, MP2000, MP5000, MP5500
●	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MPLC515 IVORY MPB5515 COPPER MPS5510 BROWN
⊙	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8"-15"
⊙	ROTOR HEAD	HUNTER	PCP OR L-25 SERIES	PCP-#8 NOZZLE HALF L-25 #18 NOZZLE HALF L-25 #8 NOZZLE-QUARTER
Ⓜ	WATER METER	---	PER CITY	Refer to Plan for Size
⊕	DOUBLE CHECK VALVE	Febco	850-BV Series	Refer to Plan for Size
Ⓢ	ISOLATION VALVE	Nibco	*T-113	Line Size
Ⓢ	WYE STRAINER	Febco	*850	Refer to Plan for Size
Ⓜ	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size
---	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size
---	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size
---	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size

- Ⓜ PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
- Ⓢ VALVE SIZE IN INCHES
- Ⓢ GALLONS PER MINUTE, PER VALVE

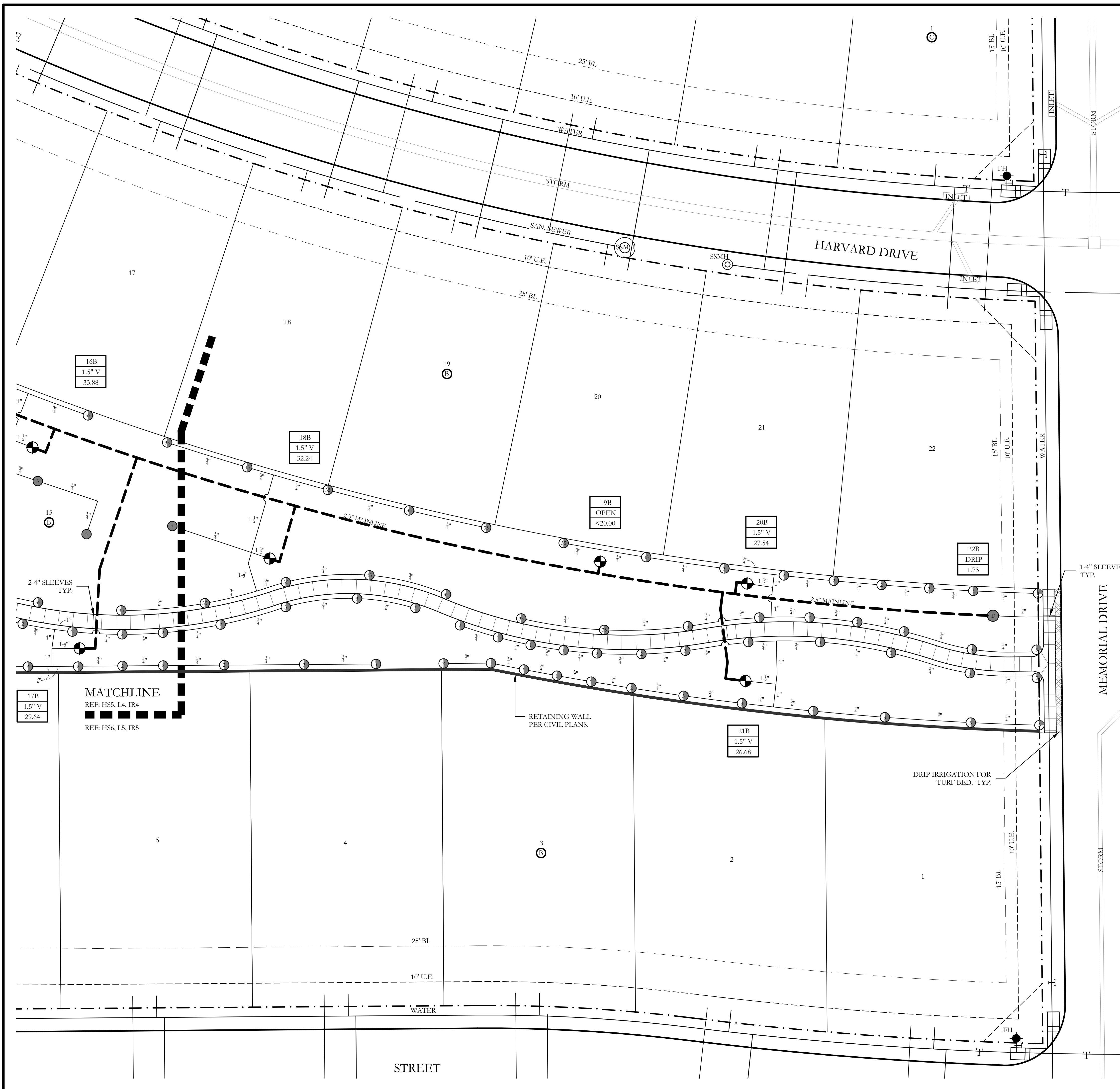
REFER TO SHEET IR14 FOR FULL IRRIGATION LEGEND AND SCHEDULE

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One Inch



IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
Ⓜ	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A
Ⓢ	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"
▨	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A
▩	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A
●	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"
⊖	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size
⊙	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP1000, MP2000, MP5000, MP3500
⊙	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MPLC315 IVORY MPBS3515 COPPER MPS3530 BROWN
⊙	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8"-15"
⊙	ROTOR HEAD	HUNTER	PCP OR L-25 SERIES	PCP-#8 NOZZLE HALF L-25 #18 NOZZLE HALF L-25 #8 NOZZLE-QUARTER
Ⓜ	WATER METER	---	PER CITY	Refer to Plan for Size
⊘	DOUBLE CHECK VALVE	Febco	850-BV Series	Refer to Plan for Size
⊘	ISOLATION VALVE	Nibco	*T-113	Line Size
⊘	WYE STRAINER	Febco	*850	Refer to Plan for Size
Ⓜ	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size
---	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size
---	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size
---	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size

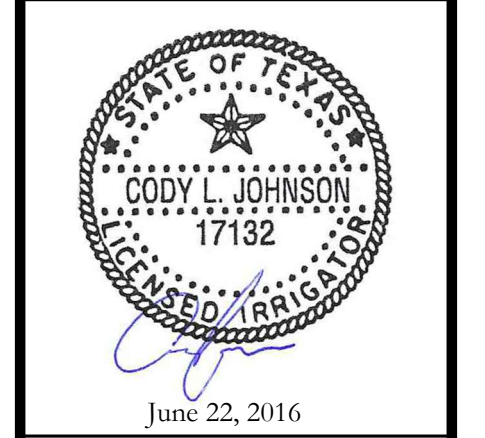
- ← PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
- ← VALVE SIZE IN INCHES
- ← GALLONS PER MINUTE, PER VALVE

REFER TO SHEET IR14 FOR FULL IRRIGATION LEGEND AND SCHEDULE

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NORTH

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 Scale: 1" = 20'-0"

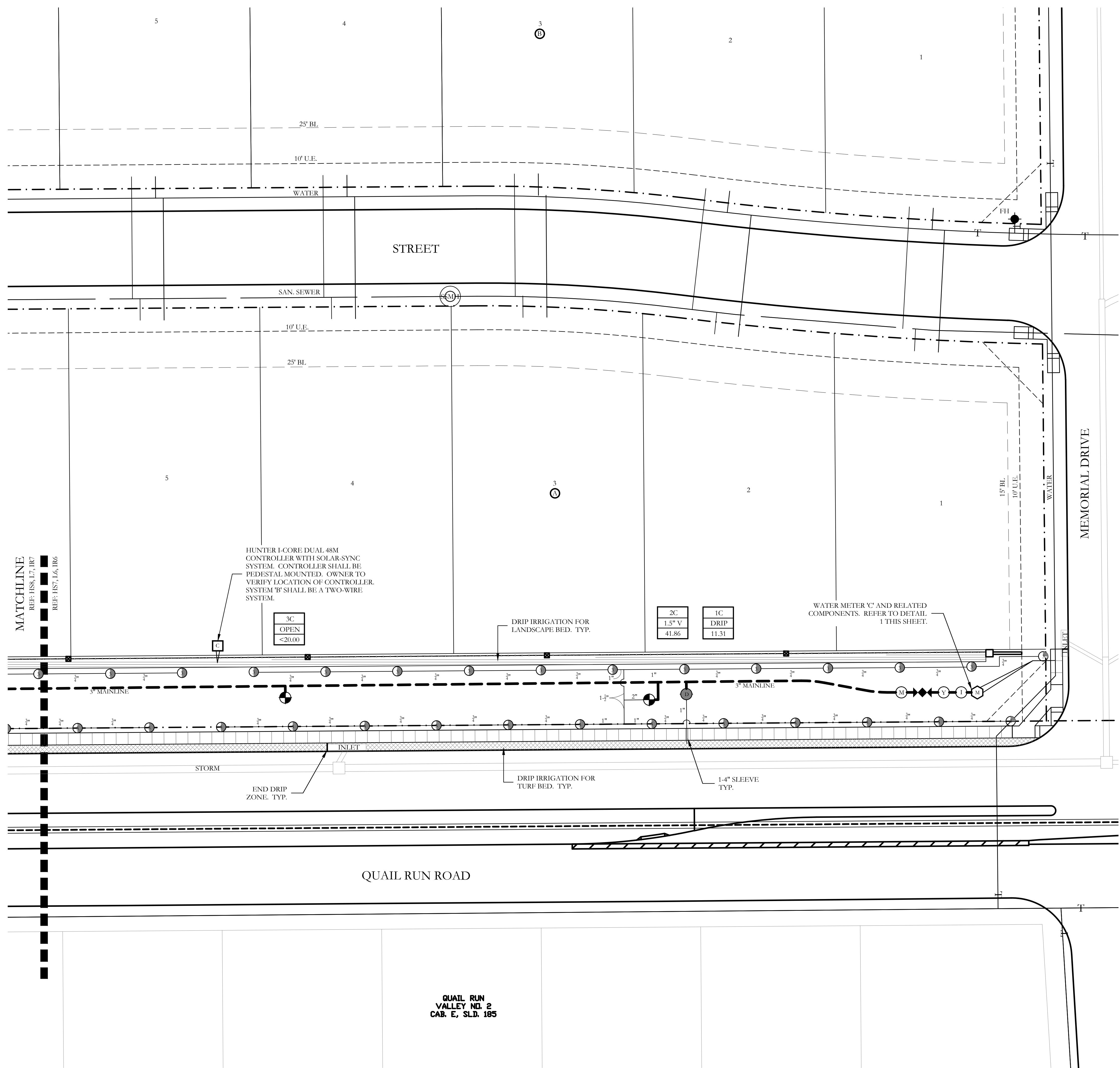
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LANDSCAPE AND SCREENING
 Irrigation Plan
 Stone Creek Phase VII
 City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
IR5 of 15



IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
ⓐ	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A
ⓑ	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"
▨	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A
▩	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A
●	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"
Ⓜ	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size
Ⓜ	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP1000, MP2000, MP5000, MP5500
●	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MP1C315 IVORY MP1P3515 COPPER MP3530 BROWN
ⓐ	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8"-15"
Ⓜ	ROTOR HEAD	HUNTER	PCP OR 1.25 SERIES	PCP-#8 NOZZLE HALF 1.25 #18 NOZZLE HALF 1.25 #8 NOZZLE-QUARTER
Ⓜ	WATER METER	---	PER CITY	Refer to Plan for Size
Ⓜ	DOUBLE CHECK VALVE	Febeco	850-BV Series	Refer to Plan for Size
Ⓜ	ISOLATION VALVE	Nibco	*T-113	Line Size
Ⓜ	WYE STRAINER	Febeco	*850	Refer to Plan for Size
Ⓜ	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size
---	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size
---	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size
---	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size

[Symbol] PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
 [Symbol] VALVE SIZE IN INCHES
 [Symbol] GALLONS PER MINUTE, PER VALVE

REFER TO SHEET IR14 FOR FULL IRRIGATION LEGEND AND SCHEDULE

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- Ⓜ 1.5" WATER METER BY OTHER TRADES
- Ⓜ 1.5" ISOLATION VALVE
- Ⓜ 1.5" WYE STRAINER
- Ⓜ 1.5" DOUBLE CHECK ASSEMBLY
- Ⓜ 1.5" MASTER VALVE
- Ⓜ 2.5" MAINLINE

① METER 'C' COMPONENTS
NOT TO SCALE

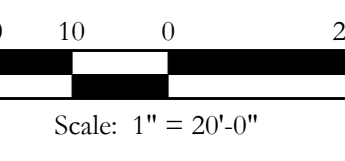
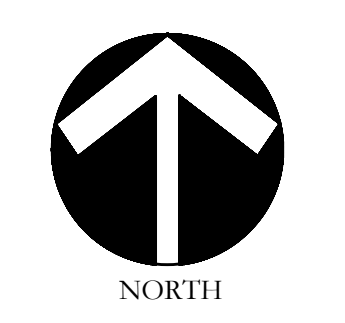
MATCHLINE
REF: HS8, L7, 187
REF: HS7, L6, 186

HUNTER I-CORE DUAL 48M CONTROLLER WITH SOLAR-SYNC SYSTEM. CONTROLLER SHALL BE PEDESTAL MOUNTED. OWNER TO VERIFY LOCATION OF CONTROLLER. SYSTEM 'B' SHALL BE A TWO-WIRE SYSTEM.

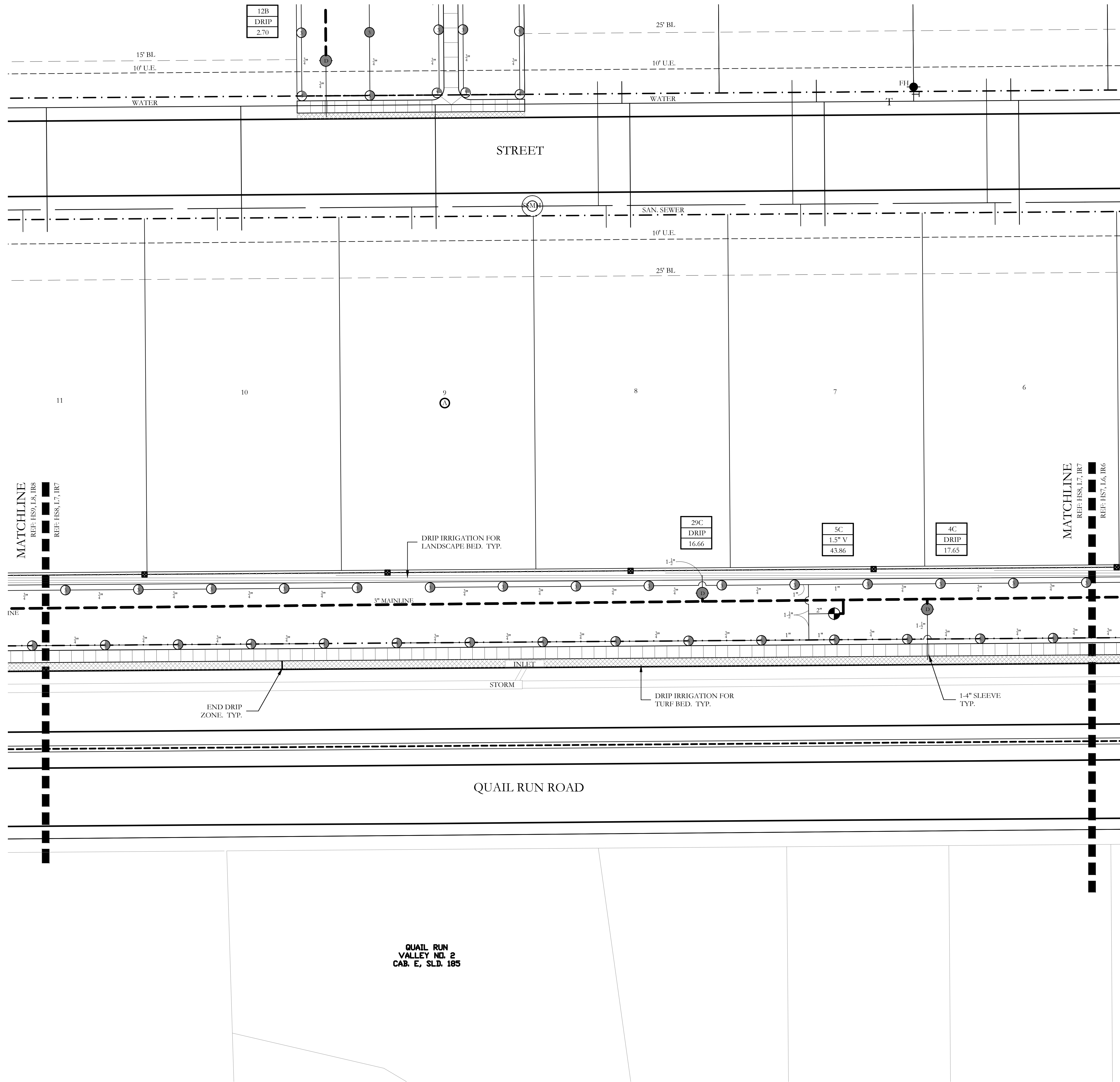
2C	1C
1.5" V	DRIP
41.86	11.31

WATER METER 'C' AND RELATED COMPONENTS. REFER TO DETAIL 1 THIS SHEET.

QUAIL RUN VALLEY NO. 2
CAB. E, SLD. 185



Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.
One Inch



IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE
AC	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A
CV	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"
LD	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A
TD	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A
BU	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"
RV	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size
MP	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP1000, MP2000, MP5000, MP3500
CS	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MP1CS15 IVORY MP1CS15 COPPER MP1CS15 BROWN
CC	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8"-15"
RH	ROTOR HEAD	HUNTER	PCP OR 1.25 SERIES	PCP-#8 NOZZLE HALF 1.25 #18 NOZZLE HALF 1.25 #8 NOZZLE QUARTER
WM	WATER METER	---	PER CITY	Refer to Plan for Size
DCV	DOUBLE CHECK VALVE	Febco	850-BV Series	Refer to Plan for Size
ISV	ISOLATION VALVE	Nibco	*T-113	Line Size
YS	WYE STRAINER	Febco	*850	Refer to Plan for Size
MV	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size
ISL	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size
IML	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size
ILL	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size

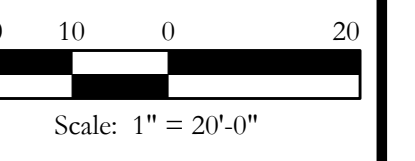
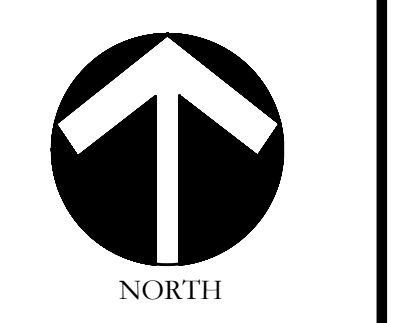
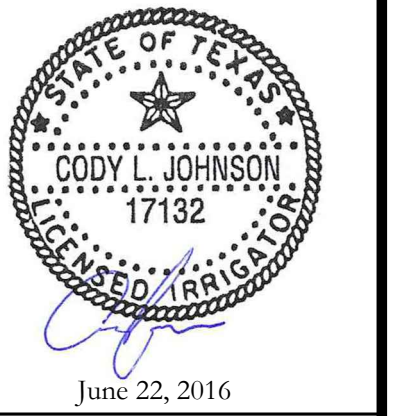
- ← PROGRAM AND STATION NUMBER FOR AUTOMATIC CONTROLLER
- ← VALVE SIZE IN INCHES
- ← GALLONS PER MINUTE, PER VALVE

REFER TO SHEET IR14 FOR FULL IRRIGATION LEGEND AND SCHEDULE

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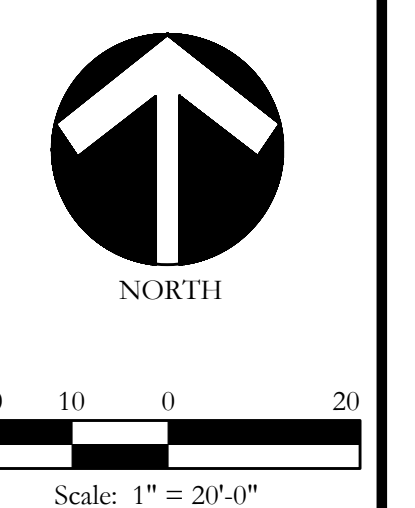
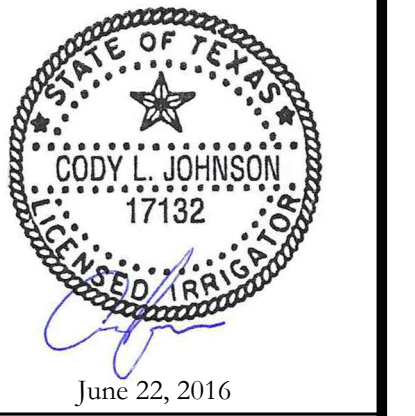
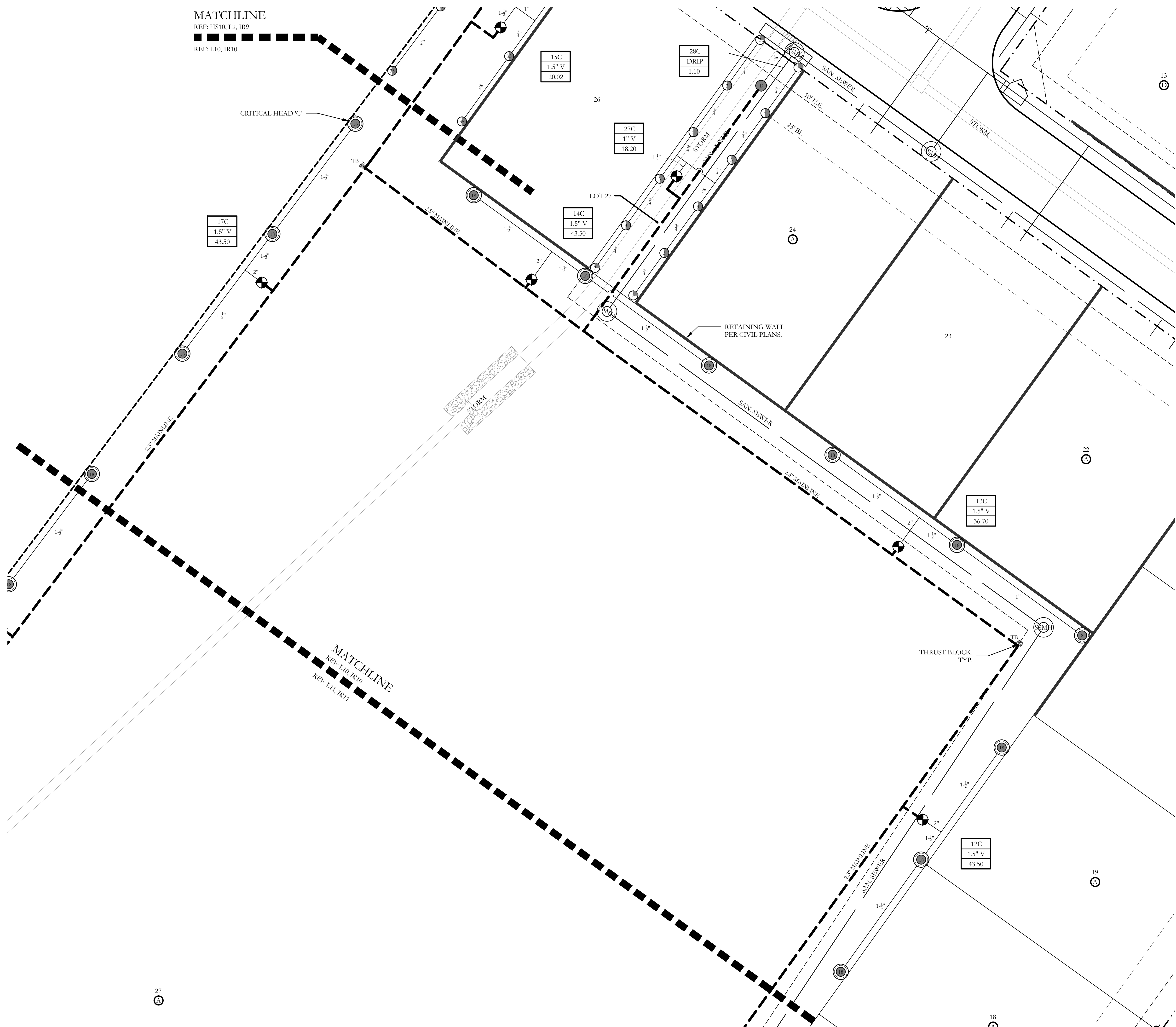


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One Inch

LANDSCAPE AND SCREENING
Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
SHEET NO.
IR7 of 15



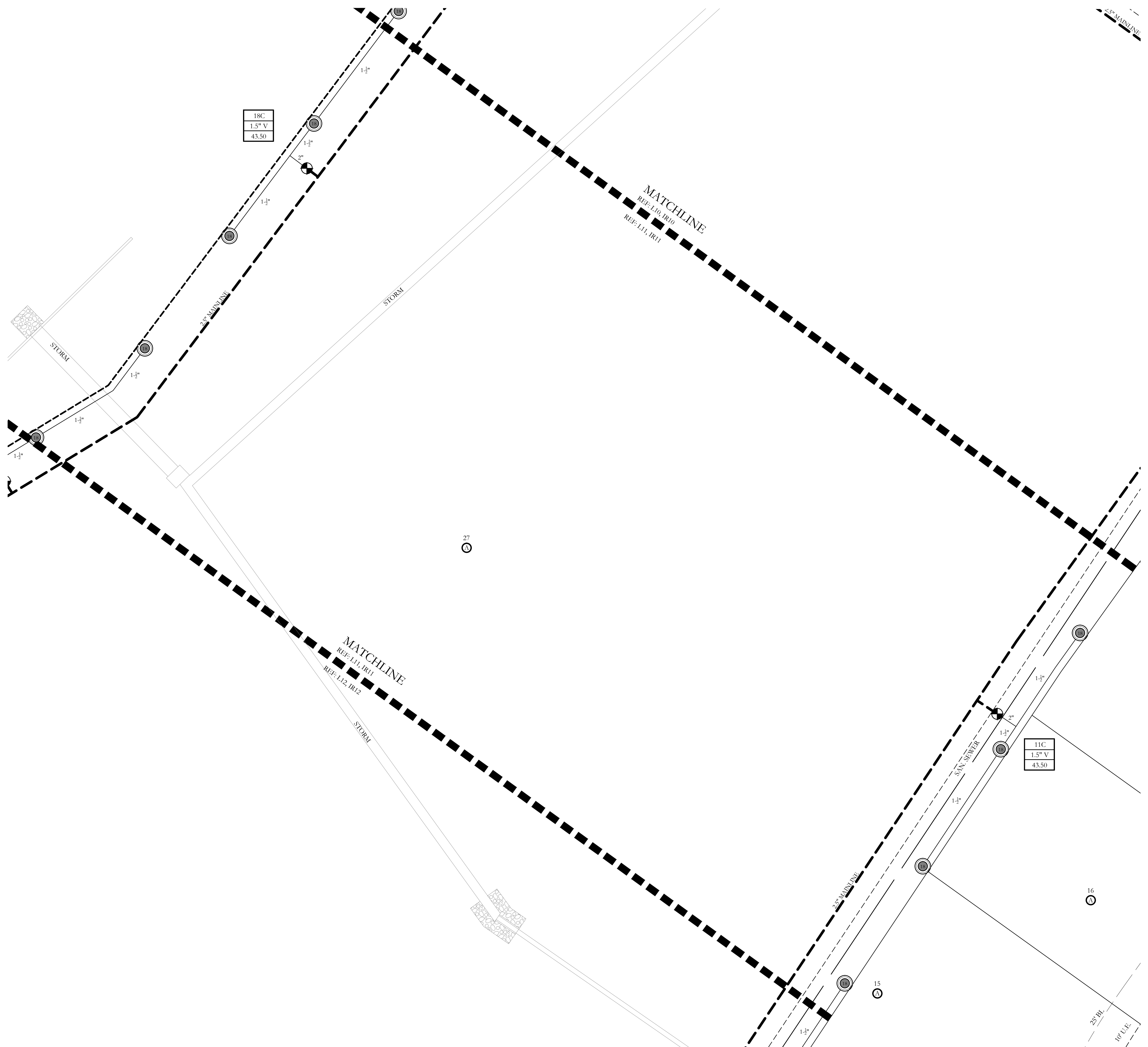
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LANDSCAPE AND SCREENING
Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

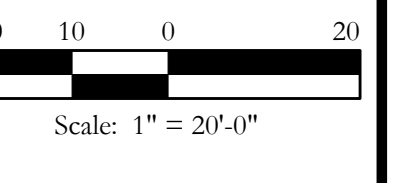
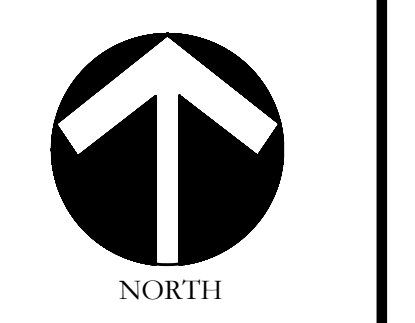
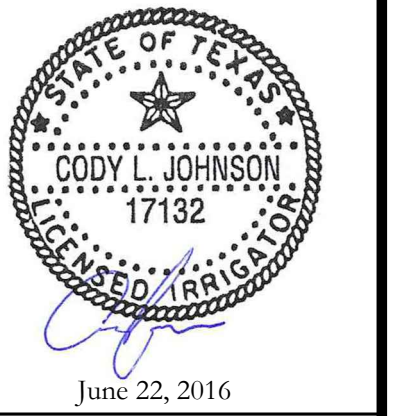
CJS PROJECT NO.
MTH002

SHEET NO.
IR10 of 15



CODY JOHNSON
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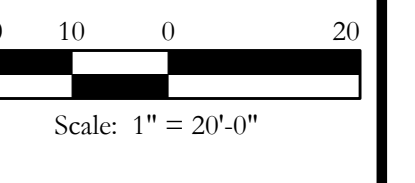
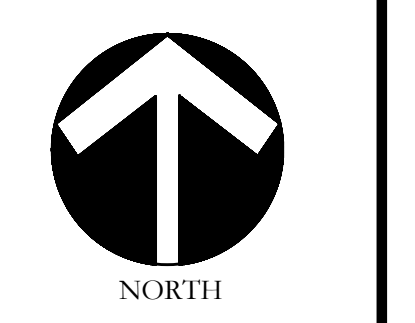
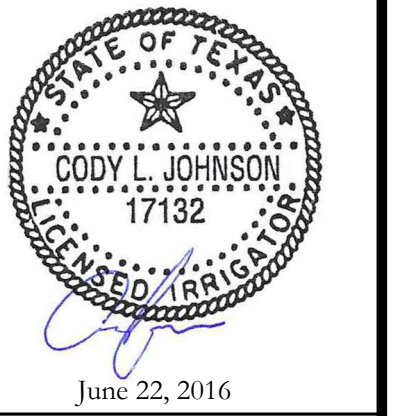
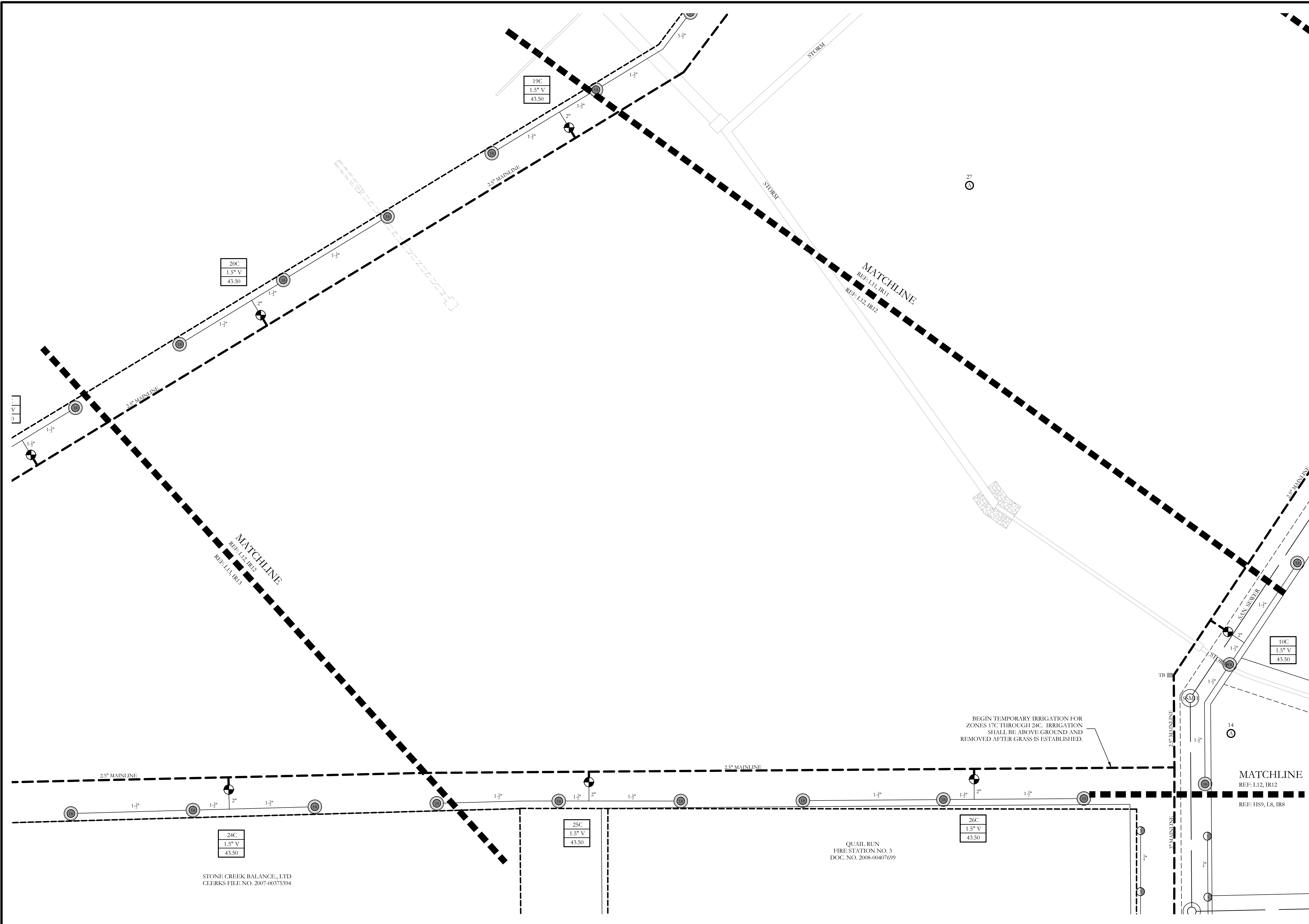
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Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
IR11 of 15



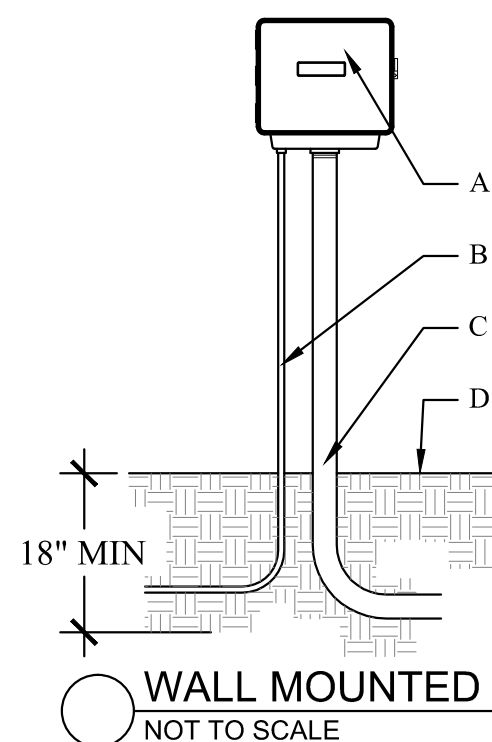
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LANDSCAPE AND SCREENING
Irrigation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

TWO-WIRE IRRIGATION NOTES

- PROVIDE A COMPLETE, FUNCTIONING AUTOMATIC IRRIGATION SYSTEM INCLUDING LABOR, MATERIALS, FEES, TAXES, EQUIPMENT, AND OTHER COSTS INCIDENTAL TO ACCOMPLISHING WORK.
- ACQUIRE WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT OR LICENSED IRRIGATOR FOR MATERIAL SUBSTITUTES PRIOR TO BEGINNING INSTALLATION.
- FORTY EIGHT (48) HOURS BEFORE IRRIGATION CONSTRUCTION BEGINS, IRRIGATION CONTRACTOR MUST CALL (800) DIG-TESS AND IS RESPONSIBLE FOR LOCATING EXISTING UNDERGROUND UTILITIES AND/OR OBSTACLES PRIOR TO BEGINNING WORK. ANY DAMAGE TO UTILITIES AND/OR FINISHES FROM INFERIOR WORKMANSHIP BY THE IRRIGATION CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- PIPING IS DIAGRAMMATIC AND SHOWN FOR CLARITY ONLY. ADJUST AS REQUIRED FOR EXISTING UTILITIES, OBSTRUCTIONS, TREE ROOT BALLS, ETC. PIPING AND VALVES SHOWN IN PAVING FOR CLARITY ONLY AND SHALL BE INSTALLED IN ADJACENT LANDSCAPE AREA. COORDINATE WITH THE CITY OR ENTITY INSPECTING THE IRRIGATION SYSTEM AND DETERMINE THE LOCAL RULES AND CODES TO ABIDE BY REGARDING MAINLINE AND LATERAL PIPING LOCATIONS.
- COORDINATE SLEEVE AND CONDUIT REQUIREMENTS WITH GENERAL CONTRACTOR. IRRIGATION SLEEVES SHALL BE AS FOLLOWS:
 - SLEEVES INTENDED FOR LATERAL LINES ARE TO BE ONE-FOUR INCH SLEEVE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND BACK OF CURB.
 - SLEEVES INTENDED FOR THE 2.5" MAINLINE ARE TO BE TWO-FOUR INCH SLEEVES SIDE BY SIDE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND BACK OF CURB.
 - SLEEVES INTENDED FOR THE 3" MAINLINE ARE TO BE ONE-SIX INCH SLEEVE AND ONE-FOUR INCH SLEEVE SIDE BY SIDE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND BACK OF CURB.
- LOCATE EACH END OF IRRIGATION SLEEVES DIMENSIONALLY ON THE RECORD "AS BUILT" DRAWINGS.
- THE IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE LANDSCAPE CONTRACTOR TO ENSURE ALL PLANT MATERIAL WILL BE WATERED IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.
- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO PLANT MATERIAL DUE TO SYSTEM FAILURE FROM INFERIOR WORKMANSHIP FOR THE DURATION OF THE INSTALLATION OF PLANT MATERIAL AND MAINTENANCE PERIOD FOLLOWING INSTALLATION.
- THE IRRIGATION CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL NECESSARY TO HAND DIG WITHIN ALL EXISTING TREE DRIPLINE ZONES AT NO ADDITIONAL COST TO THE OWNER. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO STAKE AND RECEIVE APPROVAL FROM ALL DISCIPLINES PRIOR TO AN TRENCHING AND HAND DIGGING IN AREAS OF EXISTING TREE COVERAGE OR ANY ADDITIONAL AREAS THAT MIGHT BE QUESTIONABLE.
- EXTEND EXTRA WIRE AND MAINLINE PAST THE FARTHEST VALVE, ROUTED PARALLEL AND PLACE IN 12"x17" PENTEK VALVE BOX WERE NOTED ON PLANS FOR FUTURE EXPANSION OF IRRIGATION SYSTEM AT A LATER DATE.
- TWO WIRE PATH SHALL BE DIRECT BURIAL, 14 AWG OR STANDARD DECODER CABLE BY HUNTER WITH YELLOW JACKET (ANY RATED FOR DIRECT BURIAL APPLICATIONS, UF, UL, APPROVED). HUNTER ICD DECODERS SHALL BE USED ON ALL ZONE VALVE CONNECTIONS TO TWO WIRE PATH. CONTRACTOR TO USE MANUFACTURERS RECOMMENDATIONS OF WIRE SPLICING AND BURIAL TECHNIQUES AS DETAILED AT WWW.HUNTERINDUSTRIES.COM.
- THE OWNER AND/OR LANDSCAPE ARCHITECT SHALL DETERMINE THE FINAL CONTROLLER LOCATION. THE IRRIGATION CONTRACTOR SHALL MAKE FINAL ELECTRICAL CONNECTION OF CONTROLLER PER LOCAL ELECTRICAL CODE. PROVIDE ALL NECESSARY FUSE BOXES, CONDUIT, FITTINGS, CONNECTORS OR OTHER ELECTRICAL DEVICES TO MAKE CONNECTION. OWNER SHALL PROVIDE ELECTRICAL SERVICE WITHIN 10 LINEAR FEET OF CONTROLLER LOCATION UNLESS NOTED OTHERWISE ON DRAWINGS.
- CONNECT REMOTE SENSORS TO CONTROLLER WITH GROUND WIRE IN SERIES PRIOR TO CONNECTING TO REMOTE CONTROL VALVES.
- ALL P.V.C. MAINLINES AND LATERAL LINES SHALL RECEIVE AS FOLLOWS:
 - 18" MINIMUM COVER FOR MAIN LINES
 - 18" MINIMUM COVER FOR PIPING LOCATED UNDER PAVING
 - 12" MINIMUM COVER FOR LATERAL LINES
- THE MINIMUM DISTANCE BETWEEN THE MAINLINE AND LATERAL LINE FITTINGS (EXCEPT FOR REDUCER BUSHINGS) SHALL BE 18".
- THE MINIMUM HORIZONTAL DISTANCE OF 36" SHALL BE MAINTAINED BETWEEN ANY VALVES THAT ARE INSTALLED SIDE BY SIDE.
- WHERE SERVICE TREES ARE INSTALLED ON THE MAINLINE FOR INSTALLATION OF THE ELECTRIC VALVES AND/OR QUICK COUPLING VALVES, THE CONTRACTOR SHALL LIMIT THE NUMBER OF THESE PER SERVICE TEE. DO NOT INSTALL MORE THAN A TOTAL OF EITHER THREE ELECTRIC VALVES OR A COMBINATION OF TWO ELECTRIC VALVES AND ONE QUICK COUPLER VALVE AT EACH TEE. THE MINIMUM DISTANCE BETWEEN FITTINGS SHALL BE 18" AS REFERENCED IN THE ABOVE NOTES.
- ALL PVC PIPE AND FITTINGS ARE TO BE PRIMED WITH PURPLE PVC PRIMER SOLVENT BEFORE APPLYING PVC CEMENT IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.
- INSTALL QUICK COUPLING VALVES IN 12"x17" PENTEK VALVE BOXES PER DETAIL SHOWN. CONNECT QUICK COUPLING VALVES TO MAINLINE PIPE WITH LASCO UNFITTED, O-RING SWING JOINTS PER DETAIL SHOWN, #1722-22. SUPPLY OWNER WITH THREE COUPLER KEYS WITH SWIVEL HOSE BIBB EACH, #33DK-10 AND #SH-0 RESPECTIVELY. VALVES TO BE INSTALLED SO THAT THE TOP OF THE QUICK COUPLER IS 2" BELOW BOTTOM OF VALVE BOX LID. PURPLE LID SHALL READ "NON-POTABLE, NOT SAFE FOR DRINKING" IN ENGLISH AND SPANISH.
- ALL LATERAL LINES SHALL BE 3/4" CLASS 200 PVC UNLESS OTHERWISE NOTED ON PLANS.
- ZONE VALVES LABELED AS "OPEN" ARE INTENDED FOR THE USE OF SUPPLYING HUNTER AFB-ADJ TREE BUBBLERS ON EACH PROPOSED TREE. IRRIGATION CONTRACTOR SHALL FIELD VERIFY THAT THESE ZONES DO NOT EXCEED 20 GALLONS PER MINUTE. THE IRRIGATION CONTRACTOR SHALL STAKE EACH TREE BUBBLER HEAD LOCATION AND RECEIVE APPROVAL FROM THE OWNER AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL STATE OF TEXAS LAWS/RULES AND ALL LOCAL CODES/ORDINANCES AREA MADE PART OF THESE PLANS AND SPECIFICATIONS WHETHER SHOWN OR NOT. THESE LAWS AND ORDINANCES WILL SUPERCEDE THE PLANS, DETAILS, AND/OR SPECIFICATIONS FOR THIS PROJECT. THE IRRIGATION CONTRACTOR IS CAUTIONED THAT HE/SHE IS TO INCLUDE ANY AND ALL COST NECESSARY TO MEET OR EXCEED THE LAWS OF THE STATE OF TEXAS AND LOCAL CODES CONCERNING LANDSCAPE IRRIGATION.



GENERAL NOTES:

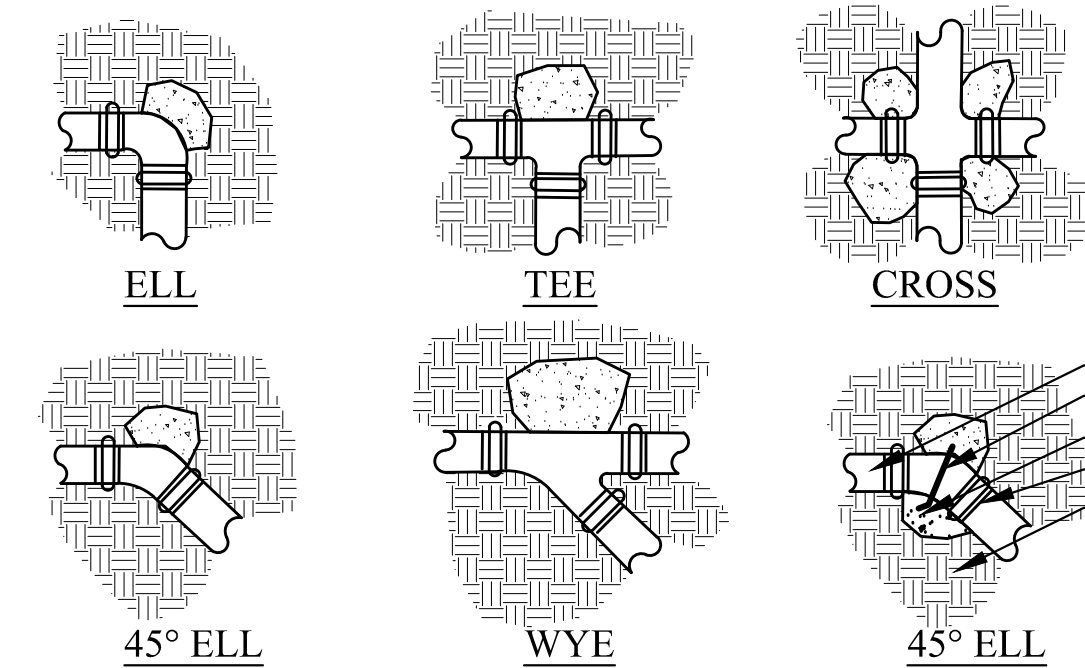
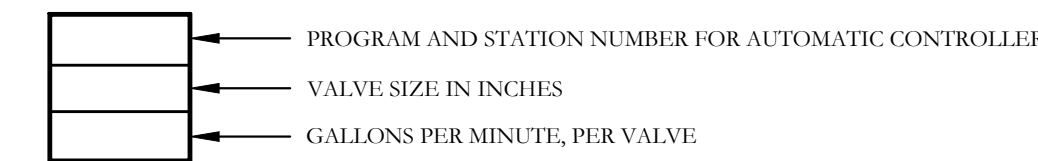
- INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- INSTALL ELECTRICAL SERVICE PER LOCAL CODES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL WORK RELATED TO IRRIGATION INSTALLATION.
- ATTACH RAIN SENSOR WITH STAINLESS STEEL SCREWS 4-0" MINIMUM ABOVE FINISH GRADE IN LOCATION APPROVED BY IRRIGATION CONSULTANT.
- ATTACH TEMPERATURE SENSOR TO CONTROLLER WITH STAINLESS STEEL SCREWS IN LOCATION APPROVED BY IRRIGATION CONSULTANT.

CONSTRUCTION NOTES:

- WEATHERPROOF CONTROLLER. REFER TO PLAN FOR TYPE AND LOCATION. ATTACH TO WALL SECURELY WITH ANCHOR BOLTS.
- ELECTRIC SERVICE 1/2" CONDUIT.
- REMOTE ELECTRIC VALVE 2" CONDUIT.
- FINISH GRADE

IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE	NOTES
C	AUTOMATIC CONTROLLER	HUNTER	VARIES REFER TO PLANS	N/A	INSTALL PER MANUFACTURER'S STANDARDS. IN ADDITION, INSTALL SOLAR SYNC SYSTEM BY HUNTER.
D	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ-101	1"	INSTALL PER DETAIL IN 10" ROUND BOX W/ BOLT DOWN LID. ROUT AND PAINT VALVE NUMBER ON LID.
	DRIP IRRIGATION (LANDSCAPE BEDS)	HUNTER	PLD-06-18	N/A	INSTALL PER DETAIL w/ 40 PSI AT OUTFLOW OF DRIP ZONE VALVE.
	DRIP IRRIGATION (TURF BEDS)	HUNTER	PLD-06-12	N/A	INSTALL PER DETAIL w/ 40 PSI AT OUTFLOW OF DRIP ZONE VALVE.
	DRIP IRRIGATION	HUNTER	PCN-10 BUBBLER (1.0 GPM)	1/2"	INSTALL PER DETAIL w/ 40 PSI AT BASE OF HEAD. INSTALL NOZZLES ON 4" PRS40 SPRAY BODIES. INSTALL ON ALL PROPOSED TREES, SEE LANDSCAPE PLANS.
	REMOTE CONTROL VALVE	HUNTER	ICV-101G ICV-151G	Refer to Plan for Size	INSTALL PER DETAIL IN 10" ROUND PENTEK VALVE BOX WITH BOLT DOWN LID. ROUT AND PAINT VALVE NUMBER ON LID.
	LAWN MP ROTATOR	HUNTER	MP ROTATOR	MP100, MP200, MP300, MP500	INSTALL PER DETAIL w/ 40 PSI AT BASE OF HEAD. INSTALL ON IPS FLEX PIPE ALL SPRAY BODIES. INSTALL NOZZLES ON 4" PRS40 SPRAY BODIES.
	4" POP UP MP ROTATOR CORNER STRIP	HUNTER	STRIP SERIES	MPLC515 IVORY MPCRS515 COPPER MPS530 BROWN	INSTALL PER DETAIL w/ 40 PSI AT BASE OF HEAD. INSTALL ON IPS FLEX PIPE ALL SPRAY BODIES. INSTALL NOZZLES ON 4" PRS40 SPRAY BODIES.
	4" POP UP MP ROTATOR CORNER	HUNTER	CORNER SERIES	MP CORNER SERIES ADJUSTABLE ARC 8-15"	INSTALL PER DETAIL w/ 40 PSI AT BASE OF HEAD. INSTALL ON IPS FLEX PIPE ALL SPRAY BODIES. INSTALL NOZZLES ON 4" PRS40 SPRAY BODIES.
	ROTOR HEAD	HUNTER	PGP OR I-25 SERIES	PGP-#8 NOZZLE HALF I-25 #18 NOZZLE HALF I-25 #8 NOZZLE-QUARTER	INSTALL PER DETAIL w/ 40 PSI AT BASE OF HEAD. INSTALL LASCO T732-212 SWING JOINTS (OR APPROVED EQUAL) ON ALL ROTORS.
	WATER METER	---	PER CITY	Refer to Plan for Size	INSTALLED BY GENERAL CONTRACTOR
	DOUBLE CHECK VALVE	Febeo	850-BV Series	Refer to Plan for Size	FURNISH AND INSTALL PER LOCAL CODE BY LICENSED IRRIGATION CONTRACTOR.
	ISOLATION VALVE	Nibeo	*T-113	Line Size	INSTALL PER DETAIL IN 12"x17" PENTEK VALVE BOX WITH BOLT DOWN LID.
	WYE STRAINER	Febeo	*850	Refer to Plan for Size	INSTALL PER DETAIL IN 12"x17" PENTEK VALVE BOX WITH BOLT DOWN LID.
	MASTER VALVE	Hunter	ICV-101G ICV-151G	Refer to Plan for Size	INSTALL PER DETAIL IN 12"x17" PENTEK VALVE BOX WITH BOLT DOWN LID.
	IRRIGATION SLEEVE	---	SCH. 40 w/ 12 GA. PULL WIRE IN SLEEVE	Refer to Plan for Size	DRIVEWAY SLEEVES INSTALLED BY GENERAL CONTRACTOR. SIDEWALK SLEEVES INSTALLED BY IRRIGATION CONTRACTOR.
	IRRIGATION MAIN LINE	---	SCH. 40	Refer to Plan for Size	18" INSTALLATION DEPTH.
	IRRIGATION LATERAL LINE	---	CLASS 200	Refer to Plan for Size	12" INSTALLATION DEPTH STANDARD. 18" INSTALLATION DEPTH UNDER PAVING.

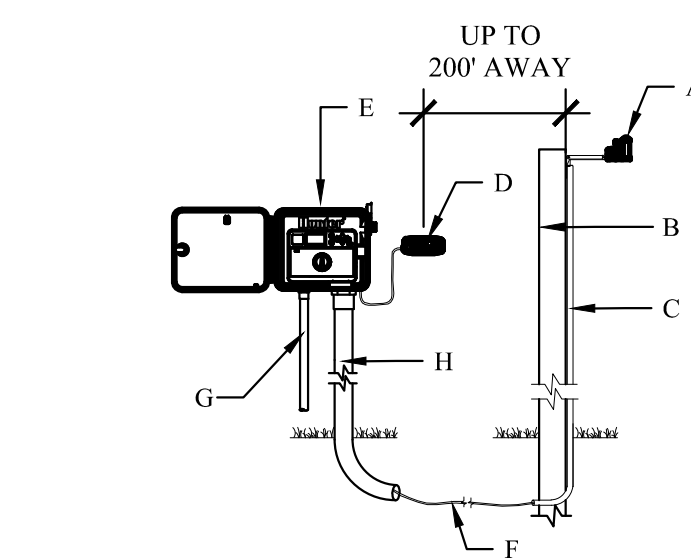


GENERAL NOTES:

- SUPPLY LINES 2" IN DIAMETER AND LARGER SHALL RECEIVE THRUST BLOCKS AS SPECIFIED HEREIN & AS APPLICABLE.
- ALL CONCRETE TO BE 2800 PSI OR STRONGER.
- ALL REBAR SHALL BE RUST-FREE.
- ALL FITTINGS TO BE WRAPPED IN VISQUEEN BEFORE POURING THE THRUST BLOCK

CONSTRUCTION NOTES:

- PIPE (TYPICAL)
- REBAR BENT AROUND
- FITTING (TYPICAL)
- CONCRETE THRUST BLOCK (TYPICAL)
- UNDISTURBED SOIL (TYPICAL)



CONSTRUCTION NOTES:

- MODEL SOLAR SYNC SENSOR
- SUITABLE POST, POLE, OR GUTTER MOUNT. MOUNT IN LOCATION WHERE SENSOR CAN RECEIVE FULL SUN, IS OPEN TO RAINFALL AND OUT OF SPRINKLER SPRAY PATTERN.
- CONDUIT FROM SOLAR SYNC SENSOR TO CONTROLLER OR TO A POINT 12" BELOW GRADE
- MODEL SOLAR SYNC MODULE. MOUNT LESS THAN 6" AWAY FROM CONTROLLER. MODULE CAN BE MOUNTED INTERNALLY WHEN PAIRED WITH THE PCC CONTROLLER.*
- HUNTER I-CORE CONTROLLER
- COMMUNICATION WIRE, 18-2 WIRE TYPE TO MEET INSTALLATION CODE REQUIREMENTS, FROM MODULE TO SENSOR. MAXIMUM TOTAL WIRE DISTANCE, 200 FEET.
- POWER SOURCE
- CONDUIT FOR VALVE CONTROL WIRE AND SOLAR SYNC COMMUNICATION WIRE

HYDRAULIC CALCULATION NOTES

TEN DAYS PRIOR TO COMMENCING WORK, VERIFY STATIC PRESSURE. IF STATIC PRESSURE IS LESS THAN THE ASSUMED STATIC PRESSURE DO NOT START WORK UNTIL NOTIFIED IN WRITING TO PROCEED BY OWNER. IF CONTRACTOR PROCEEDS WITH WORK WITHOUT AUTHORIZATION FROM OWNER, THE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE TO CORRECT, MODIFY OR REPAIR ANY ITEMS OR MATERIALS THAT MAY BE REQUIRED TO PROVIDE A FULLY FUNCTIONING AND OPERATIONAL IRRIGATION SYSTEM IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. HYDRAULIC CALCULATIONS FOR THIS SYSTEM ARE BASED ON THE STATIC PRESSURE AS STATED ABOVE. THE STATIC PRESSURE SHOWN IS AN ASSUMED PRESSURE, A PRESSURE MEASURED AT THE SITE, OR AN ESTIMATED PRESSURE PROVIDED BY THE COUNTY OR CITY. THE OWNER UNDERSTANDS THIS PROJECT MAY NOT PROVIDE 100% COVERAGE AT ALL TIMES.

HYDRAULIC CALCULATION (SYSTEM 'A')

ITEM	SIZE	PSI	NOTES
SERVICE	1"	2.69	TYPE "K" COPPER 10 LN. FT. (31.72 GPM)
WATER METER	1"	6.00	(31.72 GPM)
BALL VALVE	1.5"	1.00	(31.72 GPM)
WYE FILTER	1.5"	0.30	(31.72 GPM)
BACKFLOW PREVENTER	1.5"	4.00	(31.72 GPM)
MASTER VALVE	1.5"	1.50	(31.72 GPM)
MAIN LINE	2.5"	4.76	720 LINEAR FEET (31.72 GPM)
ZONE VALVE (9A)	1.5"	1.50	(31.72 GPM)
LATERAL PIPING	N/A	3.80	
CRITICAL HEAD 'A'	N/A	40.00	
TOTAL LOSS		65.55	
ASSUMED STATIC PRESSURE		80.00	
PRESSURE DIFFERENTIAL		-14.45	

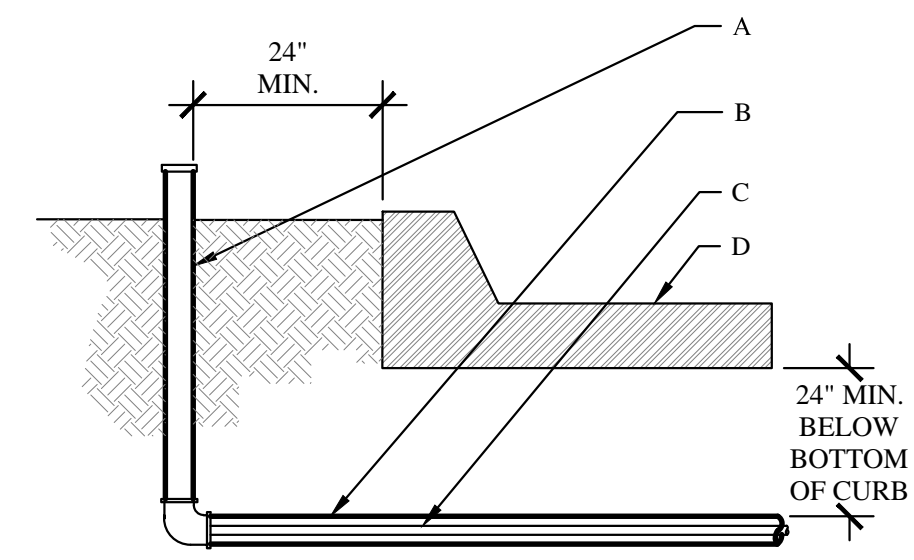
HYDRAULIC CALCULATION (SYSTEM 'B')

ITEM	SIZE	PSI	NOTES
SERVICE	1.5"	0.60	TYPE "K" COPPER 10 LN. FT. (38.48 GPM)
WATER METER	1.5"	3.00	(38.48 GPM)
BALL VALVE	1.5"	1.00	(38.48 GPM)
WYE FILTER	1.5"	0.30	(38.48 GPM)
BACKFLOW PREVENTER	1.5"	4.00	(38.48 GPM)
MASTER VALVE	1.5"	1.70	(38.48 GPM)
MAIN LINE	2.5"	5.26	560 LINEAR FEET (38.48 GPM)
ZONE VALVE (11B)	1.5"	1.70	(38.48 GPM)
LATERAL PIPING	N/A	4.20	
CRITICAL HEAD 'B'	N/A	40.00	
TOTAL LOSS		61.76	
ASSUMED STATIC PRESSURE		80.00	
PRESSURE DIFFERENTIAL		-18.24	

HYDRAULIC CALCULATION (SYSTEM 'C')

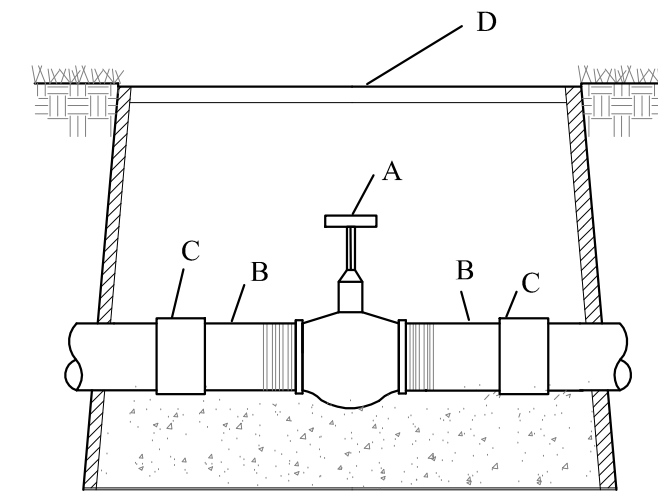
ITEM	SIZE	PSI	NOTES
SERVICE	1.5"	0.79	TYPE "K" COPPER 10 LN. FT. (43.50 GPM)
WATER METER	1.5"	3.90	(43.50 GPM)
BALL VALVE	1.5"	1.00	(43.50 GPM)
WYE FILTER	1.5"	0.30	(43.50 GPM)
BACKFLOW PREVENTER	1.5"	4.00	(43.50 GPM)
MASTER VALVE	1.5"	1.80	(43.50 GPM)
MAIN LINE	VARIES	9.80	LOOP AND STRAIGHT ML (43.50 GPM)
ZONE VALVE (17C)	1.5"	1.80	(43.50 GPM)
LATERAL PIPING	N/A	5.25	
CRITICAL HEAD 'C'	N/A	50.00	
TOTAL LOSS		78.64	
ASSUMED STATIC PRESSURE		80.00	
PRESSURE DIFFERENTIAL		-1.36	

FIELD VERIFY STATIC PRESSURE BEFORE BEGINNING WORK. CONSULT WITH LANDSCAPE ARCHITECT IF STATIC PRESSURE IS LESS THAN STATED ABOVE. A BOOSTER PUMP MAY BE NECESSARY ON SYSTEM 'C'.



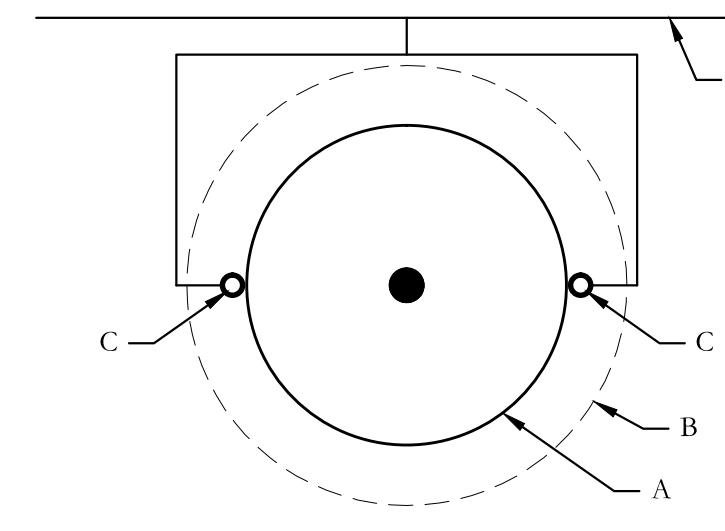
- GENERAL NOTES:**
- NO DIRECT CONNECTION TO SLEEVE SHALL BE ALLOWED. SLEEVE SIZE SHALL BE TWO (2) SIZES LARGER THAN THE PIPE TO BE SLEEVED.
 - MARK HARDSCAPE WITH SYMBOL "S" TO INDICATE THAT A SLEEVE IS BELOW.
 - INSTALL WIRING IN SEPARATE SLEEVE FROM LATERAL AND MAINLINE PIPING.
- CONSTRUCTION NOTES:**
- TEMPORARY RISER AND CAP
 - SCH 40 PVC IRRIGATION SLEEVE - SEE PLAN.
 - PVC MAINLINE, LATERAL OR WIRING - SEE PLAN
 - PAVING

IRRIGATION SLEEVES
NOT TO SCALE



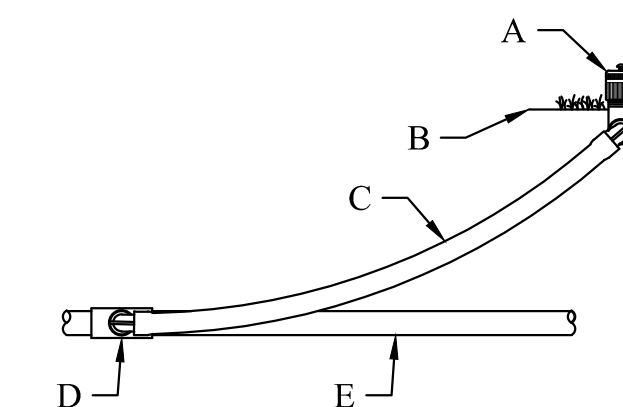
- CONSTRUCTION NOTES:**
- GATE VALVE
 - SCH 80 TOE NIPPLE
 - COUPLING
 - 11x17 VALVE BOX

GATE VALVE
NOT TO SCALE



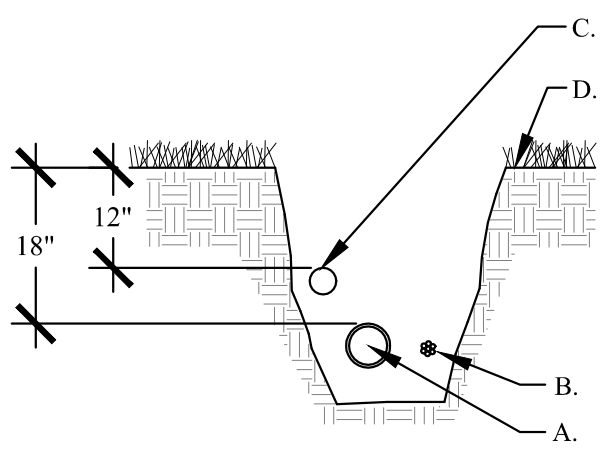
- GENERAL NOTES:**
- TREE BUBBLERS TO BE ALIGNED PARALLEL WITH MEDIAN CURBS.
 - NO TRENCHING ALLOWED WITHIN THE TREES ROOTBALL.
 - TREE BUBBLERS TO BE ON UPHILL SIDE OF THE TREE IN THE RETENTION BASIN OR AS SHOWN.
 - COORDINATE THE LOCATION OF THE BUBBLERS WITH THE PROPOSED TREE LOCATIONS AS SHOWN ON THE LANDSCAPE PLANTING PLANS.
- CONSTRUCTION NOTES:**
- TREE ROOTBALL
 - EDGE OF TREE PIT (RETENTION BASIN)
 - TREE BUBBLER NOZZLE A/B
 - LATERAL LINE (SIZED AS SPEC'D)

TREE BUBBLER PLAN
NOT TO SCALE



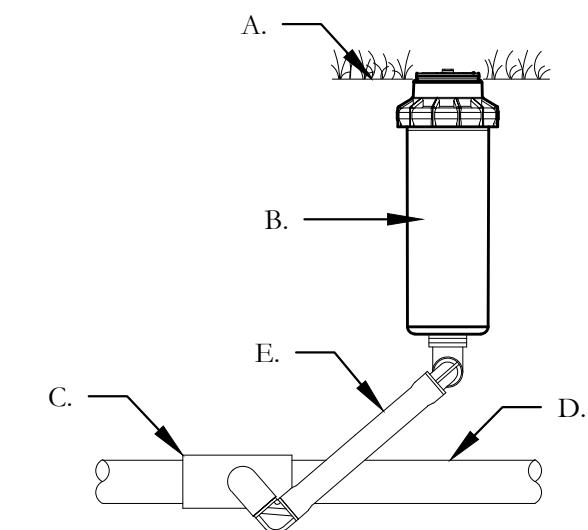
- CONSTRUCTION NOTES:**
- MODEL AFB BUBBLER
 - FINISH GRADE
 - SWING JOINT: HUNTER PRO-FLEX TUBING 24"-36", HSBE-050 ELBOWS (2), & MARLEX STREET ELBOW (1)
 - LATERAL TEE OR ELL
 - LATERAL PIPE

AFB BUBBLER
NOT TO SCALE



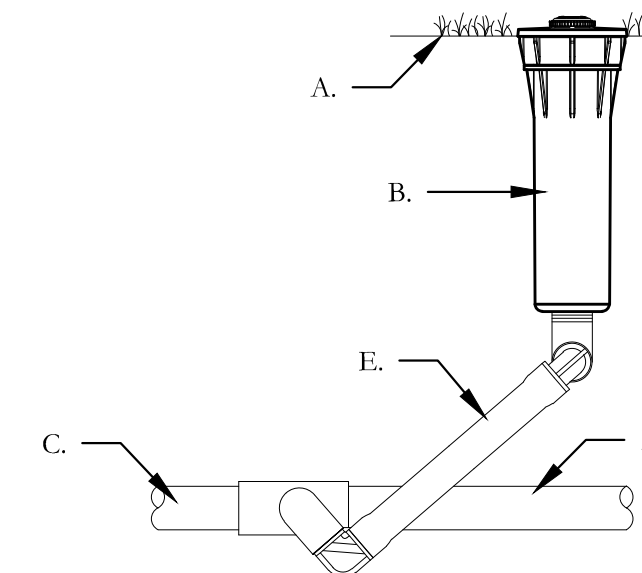
- GENERAL NOTES:**
- REST PIPE FIRMLY ON TRENCH BOTTOM.
 - SNAKE PIPE FROM SIDE TO SIDE.
 - DO NOT STACK PIPE IN TRENCH. PROVIDE HORIZONTAL SEPARATION.
 - MAINTAIN 2" MINIMUM SEPARATION BETWEEN MAINLINE AND LATERAL LINE PIPING.
 - BUNDLE WIRE(S) AT 20 FT. INTERVALS.
- CONSTRUCTION NOTES:**
- MAINLINE PIPING - 18" MINIMUM COVER
 - WIRE BUNDLE - TAPE PER SPECIFICATIONS
 - LATERAL LINE PIPING - 12" MINIMUM COVER
 - FINISH GRADE

IRRIGATION TRENCH
NOT TO SCALE



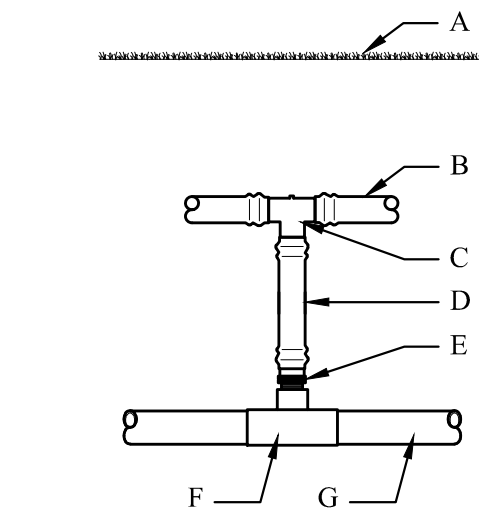
- GENERAL NOTES:**
- REST PIPE FIRMLY ON TRENCH BOTTOM.
 - SNAKE PIPE FROM SIDE TO SIDE.
 - DO NOT STACK PIPE IN TRENCH. PROVIDE HORIZONTAL SEPARATION.
 - MAINTAIN 2" MINIMUM SEPARATION BETWEEN MAINLINE AND LATERAL LINE PIPING.
 - BUNDLE WIRE(S) AT 20 FT. INTERVALS.
- CONSTRUCTION NOTES:**
- FINISHED GRADE
 - ROTOR HEAD
 - LATERAL TEE OR ELL
 - LATERAL PIPE
 - LASCO SWING JOINT

ROTOR HEAD
NOT TO SCALE



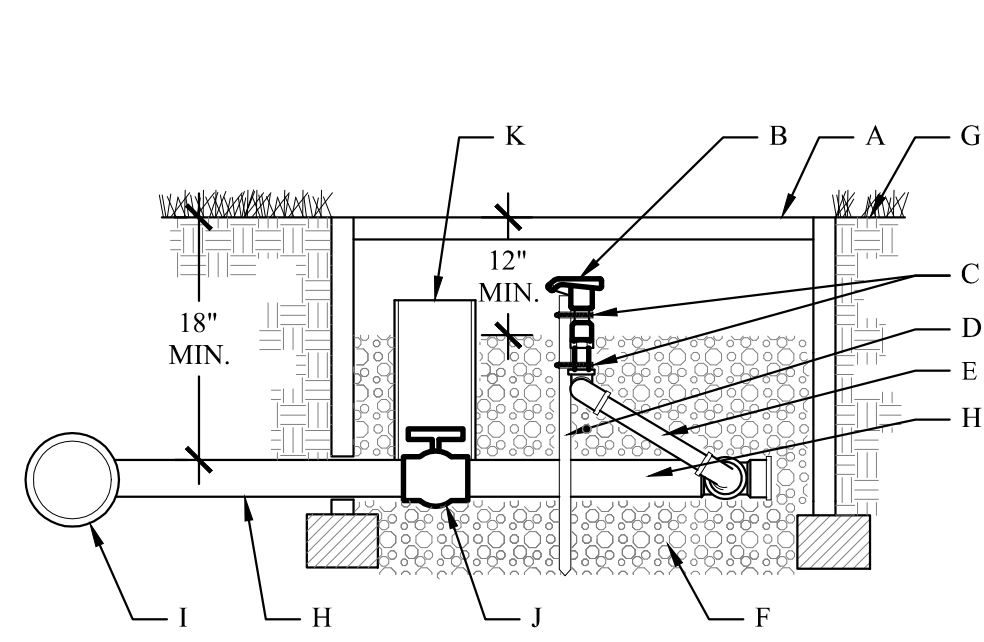
- GENERAL NOTES:**
- REST PIPE FIRMLY ON TRENCH BOTTOM.
 - SNAKE PIPE FROM SIDE TO SIDE.
 - DO NOT STACK PIPE IN TRENCH. PROVIDE HORIZONTAL SEPARATION.
 - MAINTAIN 2" MINIMUM SEPARATION BETWEEN MAINLINE AND LATERAL LINE PIPING.
 - BUNDLE WIRE(S) AT 20 FT. INTERVALS.
- CONSTRUCTION NOTES:**
- FINISHED GRADE
 - ROTOR HEAD PER PLANS
 - LATERAL TEE OR ELL
 - LATERAL PIPE
 - IPS FLEX PIPE

PRS40-CV - MP ROTATOR SPRAY HEAD
NOT TO SCALE



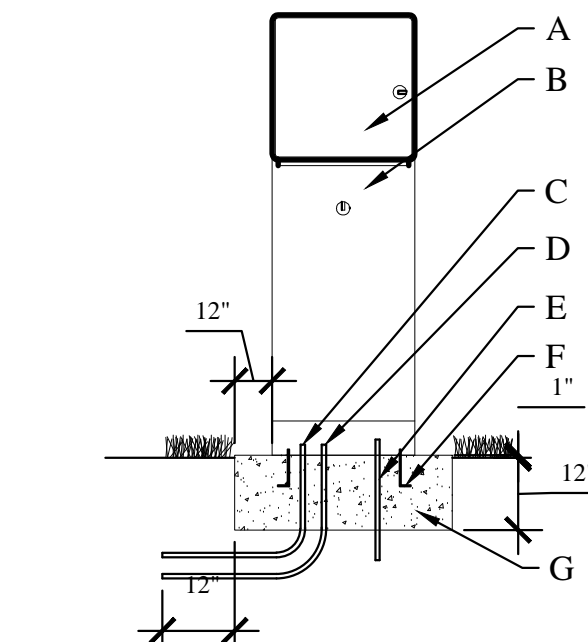
- CONSTRUCTION NOTES:**
- FINISH GRADE
 - HUNTER PLD 06-18
 - PLD-TEE 17MM BARBxBARB
 - PLD-BLNK
 - PLD-075 3/4" MPTxBARB
 - 3/4" MPT TEE
 - LATERAL PIPE

BELOW GRADE START CONNECTION
NOT TO SCALE



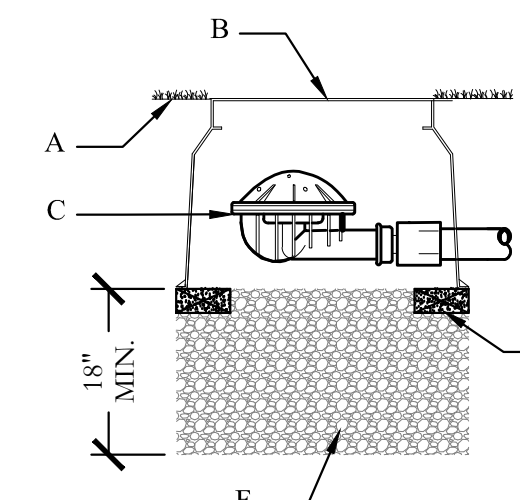
- GENERAL NOTES:**
- INSTALL BRICK AROUND THE BASE OF EACH VALVE BOX AND LEVEL ACCORDINGLY.
 - INSTALL 1" DIA. WASHED AGGREGATE FLUSH WITH BOTTOM OF QUICK COUPLING VALVE
- CONSTRUCTION NOTES:**
- VALVE BOX WITH OVERLAPPING COVER. ROUT AND PAINT VALVE NUMBER ON TOP OF LID. INSTALL FLUSH TO FINISHED GRADE.
 - QUICK COUPLING VALVE
 - TWO (2) STAINLESS STEEL WORM GEAR CLAMPS
 - 1" DIA. GALVANIZED STEEL PIPE, EXTEND 12" IN. INTO UNDISTURBED SOIL.
 - PRE-ASSEMBLED UNITIZED 'O'-RING SWING JOINT ASSEMBLY
 - WASHED AGGREGATE 12" DEEP MIN.
 - FINISH GRADE
 - LATERAL SET LINE, SIZE PER QUICK COUPLER VALVE.
 - MAINLINE, SIZE PER TOTAL SITE.
 - BALL VALVE, SIZE PER QUICK COUPLER.
 - 4 INCH DIA. SLEEVE

QUICK COUPLING VALVE
NOT TO SCALE



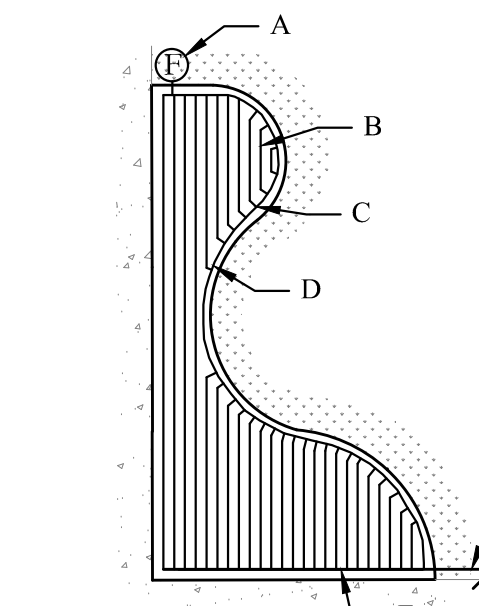
- GENERAL NOTES:**
- INSTALL ELECTRICAL WIRING PER LOCAL CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK.
 - PROVIDE DRAINAGE AWAY FROM BASE OF PEDESTAL.
 - GROUND IRRIGATION BOXES WITH GROUNDING ROD PER N.E.C.
 - INSTALL TEMPERATURE SENSOR TO NORTH SIDE OF CONTROLLER PEDESTAL W/ STAINLESS STEEL SCREWS
- CONSTRUCTION NOTES:**
- CONTROLLER
 - PEDESTAL
 - ELECTRICAL SERVICE CONDUIT
 - REMOTE CONTROL VALVE WIRING CONDUIT
 - GROUNDING ROD(S) PER MANUFACTURERS REQUIREMENTS
 - ANCHOR BOLTS
 - CONCRETE BASE, 3,000 PSI

PEDESTAL MOUNTED CONTROLLER
NOT TO SCALE



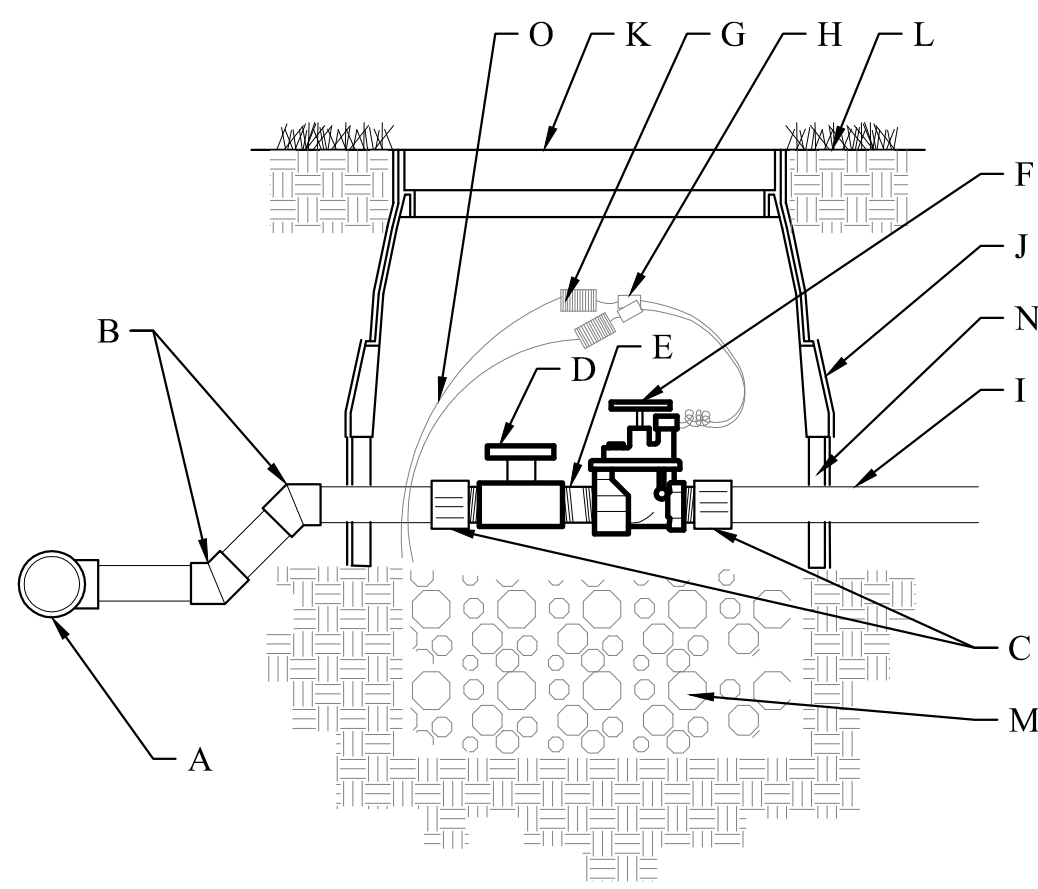
- CONSTRUCTION NOTES:**
- FINISH GRADE
 - 10" ROUND VALVE BOX
 - LINE FLUSHING VALVE
 - PLD-650 OR 1/2" FPT ADAPTER
 - BRICK SUPPORTS (3)
 - 3/4" GRAVEL SUMP

DRIP IRRIGATION - FLUSH VALVE
NOT TO SCALE



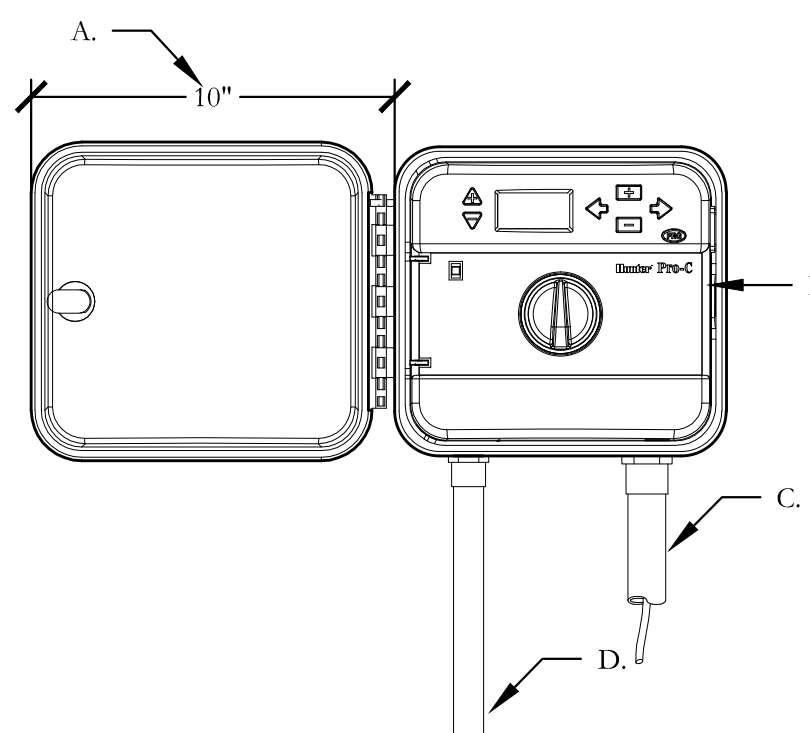
- CONSTRUCTION NOTES:**
- FLUSH VALVE
 - HUNTER PLD 06-18
 - HUNTER PLD TEE
 - TUBING STAKE
 - LATERAL TO PLD CONNECTION
 - DRIP CONTROL VALE, MODEL ICZ-101
 - LATERAL PIPE TO PLANTING BED

DRIP IRRIGATION - BED
NOT TO SCALE



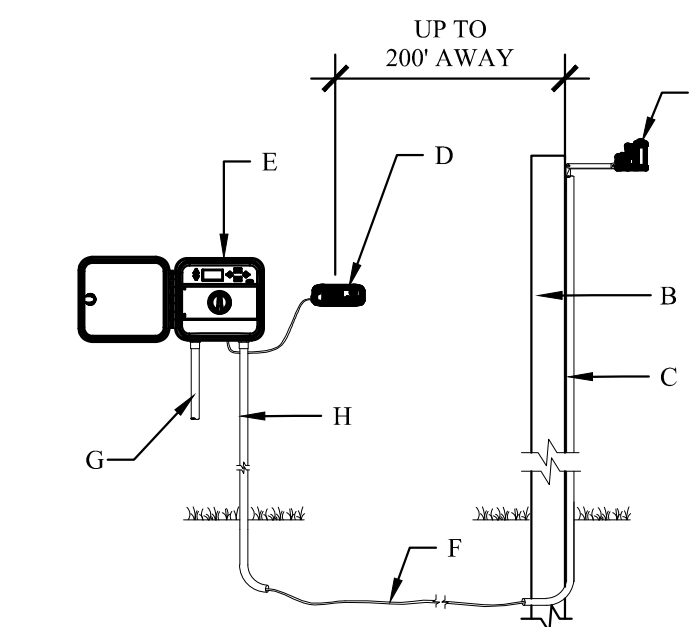
- GENERAL NOTES:**
- INSTALL PEA GRAVEL FLUSH WITH BOTTOM OF PIPE AND VALVE.
 - MAINLINE SHALL HAVE A MINIMUM OF 18" COVER AND LATERAL LINE SHALL HAVE A MINIMUM OF 12" COVER.
 - PROVIDE A 24" WIRE EXPANSION COIL AT EACH DRY SPLICE WIRE CONNECTION.
 - CENTER VALVE ASSEMBLY IN VALVE BOX.
- CONSTRUCTION NOTES:**
- PVC SERVICE TEE
 - SCH 40 45° BEND
 - SCH 40 MALE ADAPTER
 - SCH 40 BALL VALVE
 - GRAY SCH 80 SHORT NIPPLE (TBE)
 - AUTOMATIC VALVE
 - WIRE COIL
 - WATERPROOF WIRE CONNECTORS
 - LATERAL PIPE
 - 10 ML BLACK PLASTIC
 - ARMOR 12" STANDARD VALVE BOX WITH COVER AND PENTAGON LOCK. ROUT AND PAINT VALVE NUMBER ON TOP OF LID. SET 1/2" ABOVE FINISH GRADE.
 - FINISH GRADE
 - WASHED PEA GRAVEL - 6" DEPTH MIN
 - 6" VALVE BOX EXTENSIONS AS REQUIRED
 - VALVE WIRING

ELECTRIC VALVE
NOT TO SCALE



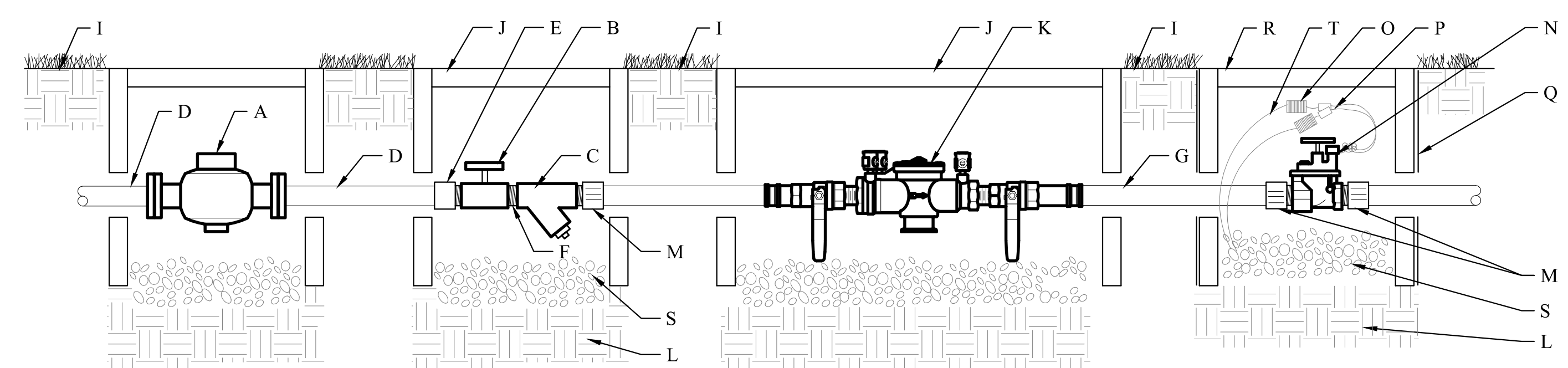
- GENERAL NOTES:**
- REST PIPE FIRMLY ON TRENCH BOTTOM.
 - SNAKE PIPE FROM SIDE TO SIDE.
 - DO NOT STACK PIPE IN TRENCH. PROVIDE HORIZONTAL SEPARATION.
 - MAINTAIN 2" MINIMUM SEPARATION BETWEEN MAINLINE AND LATERAL LINE PIPING.
 - BUNDLE WIRE(S) AT 20 FT. INTERVALS
- CONSTRUCTION NOTES:**
- MINIMAL CLEARANCE FOR OPENING
 - CONTROLLER MODEL AS LABELED ON LEGEND.
 - CONTROL WIRE IN ELECTRICAL CONDUIT SIZE AND TYPE PER LOCAL CODE.
 - ELECTRICAL SUPPLY CONDUIT. CONNECT TO POWER SOURCE. J BOX INSIDE CONTROLLER.

PRO-C CONTROLLER
NOT TO SCALE



- CONSTRUCTION NOTES:**
- MODEL: SOLAR SYNC SENSOR
 - SUITABLE POST, POLE, OR GUTTER MOUNT. MOUNT IN LOCATION WHERE SENSOR CAN RECEIVE FULL SUN, IS OPEN TO RAINFALL AND OUT OF SPRINKLER SPRAY PATTERN.
 - CONDUIT FROM SOLAR SYNC SENSOR TO CONTROLLER OR TO A POINT 12" BELOW GRADE
 - MODEL SOLAR SYNC MODULE. MOUNT LESS THAN 6" AWAY FROM CONTROLLER. MODULE CAN BE MOUNTED INTERNALLY WHEN PAIRED WITH THE PCC CONTROLLER.*
 - HUNTER PRO-C CONTROLLER
 - COMMUNICATION WIRE, 18-2 WIRE TYPE TO MEET INSTALLATION CODE REQUIREMENTS), FROM MODULE TO SENSOR. MAXIMUM TOTAL WIRE DISTANCE, 200 FEET.
 - POWER SOURCE
 - CONDUIT FOR VALVE CONTROL WIRE AND SOLAR SYNC COMMUNICATION WIRE

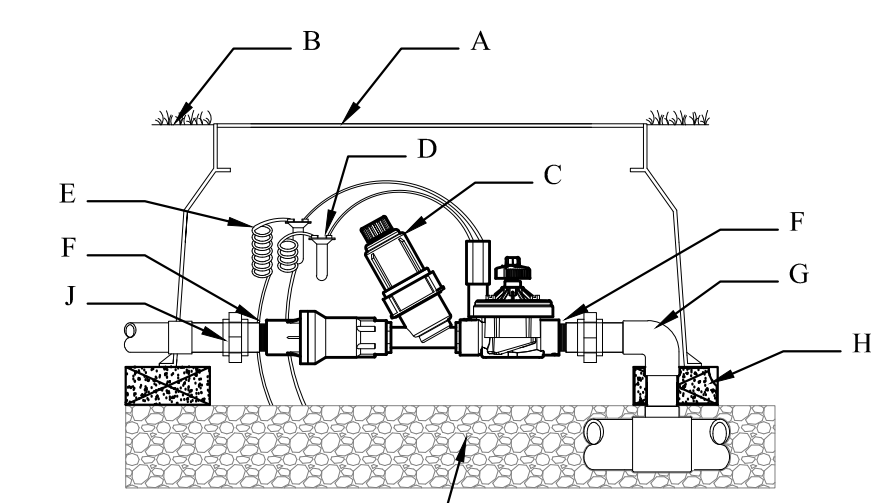
SOLAR SYNC SYSTEM (PRO-C CONTROLLER)
NOT TO SCALE



- CONSTRUCTION NOTES:**
- WATER METER (SIZE PER PLAN)
 - BALL VALVE (SIZE PER LINE)
 - WYE STRAINER (SIZE PER LINE)
 - TYPE "K" COPPER PIPE
 - COPPER SxT COUPLING
 - TBE NIPPLE
 - PIPE PER CITY CODE
 - COUPLING
 - FINISH GRADE
 - 12"x17" VALVE BOX. SET FLUSH WITH FINISH GRADE
 - DOUBLE CHECK VALVE ASSEMBLY
 - COMPACTED SUBGRADE
 - MALE ADAPTER
 - MASTER ELECTRIC VALVE
 - WIRE COIL
 - WATERPROOF WIRE CONNECTORS
 - 10 ML BLACK PLASTIC
 - 10" RD VALVE BOX. SET 1/2" ABOVE FINISH GRADE.
 - WASHED PEA GRAVEL - 6" DEPTH MIN
 - VALVE WIRING

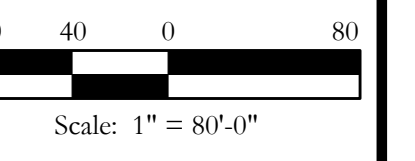
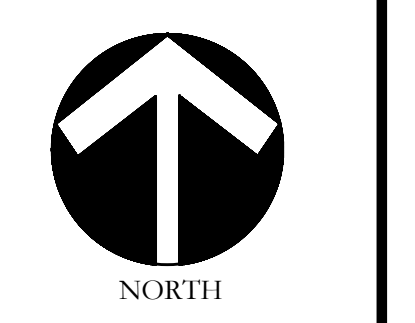
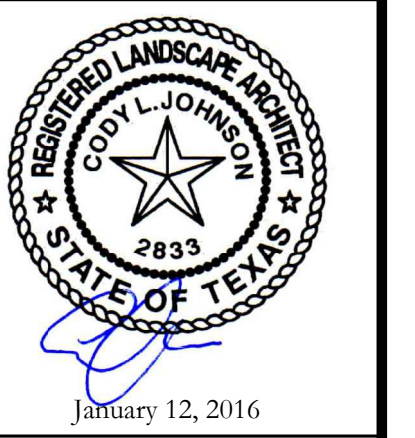
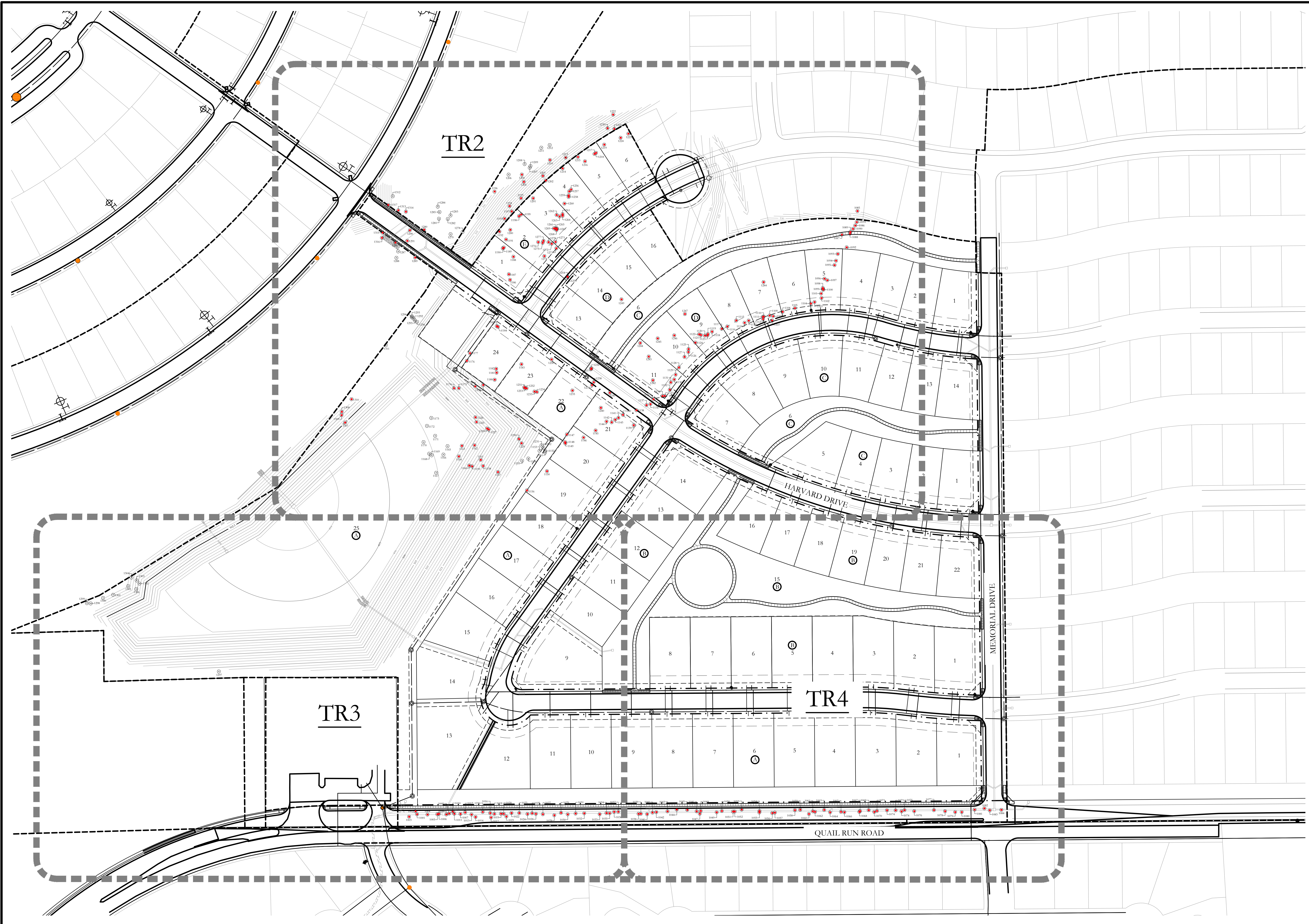
BACKFLOW PREVENTER CONNECTION
NOT TO SCALE

- GENERAL NOTES:**
- INSTALL WASHED PEA GRAVEL BELOW DCA TO ALLOW ACCESS TO TEST COCKS AND OPERATION OF BALL VALVES
 - INSTALL PEA GRAVEL FLUSH WITH ELECTRIC VALVE.
 - PROVIDE A 24" WIRE EXPANSION COIL AT EACH DRY SPLICE WIRE CONNECTION.
 - CENTER VALVE ASSEMBLY IN VALVE BOX.



- CONSTRUCTION NOTES:**
- JUMBO VALVE BOX
 - FINISH GRADE
 - DRIP ZONE KIT, MODEL ICZ-101
 - WATERPROOF CONNECTORS (2)
 - 18-24" COILED WIRE
 - SCH. 80 T.O.W. NIPPLE
 - MAINLINE PIPING AND FITTINGS
 - BRICK SUPPORTS (4)
 - 3/4" MINUS WASHED GRAVEL
 - PVC SLIP UNIONS (2)

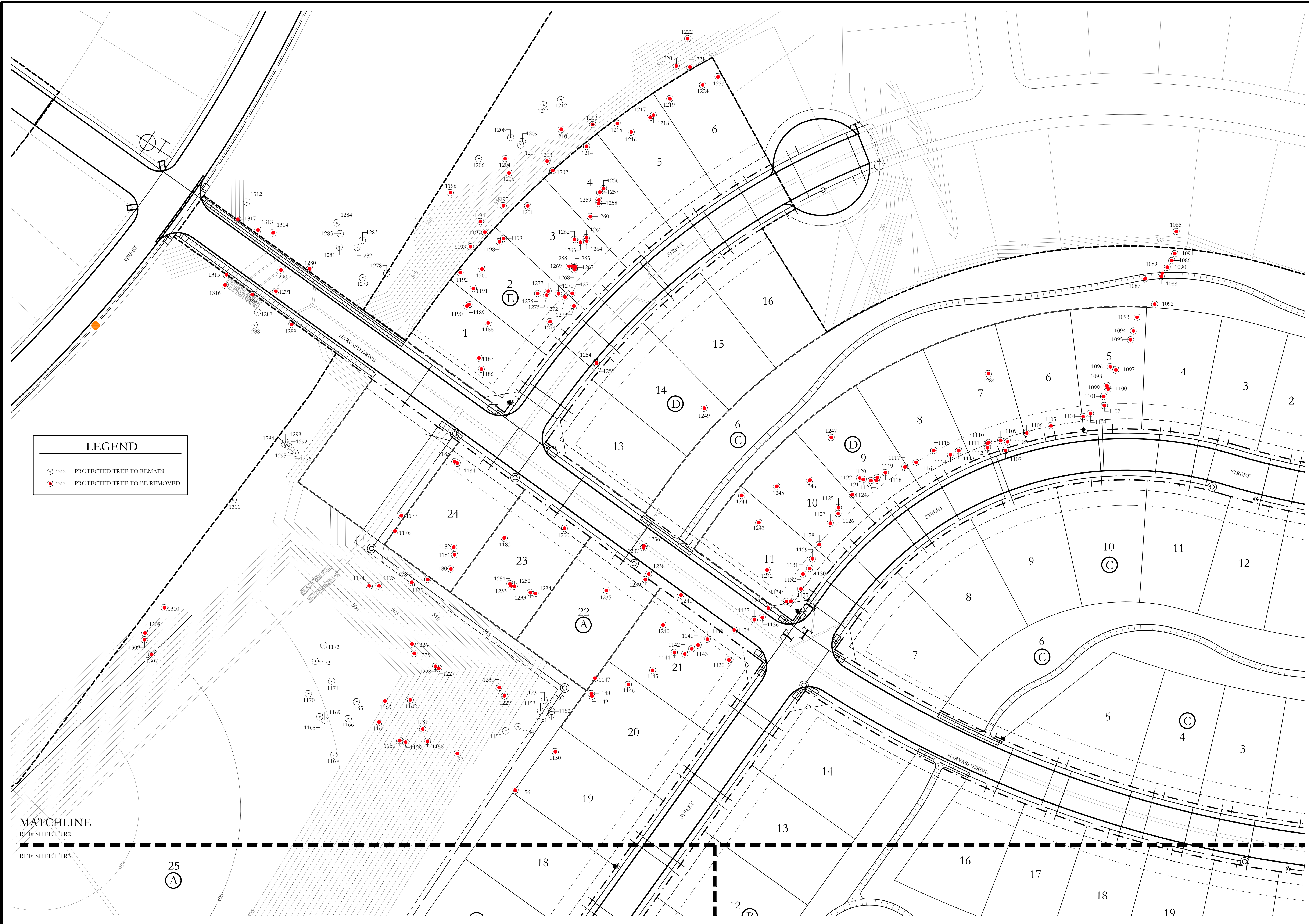
DRIP CONTROL ZONE
NOT TO SCALE



Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

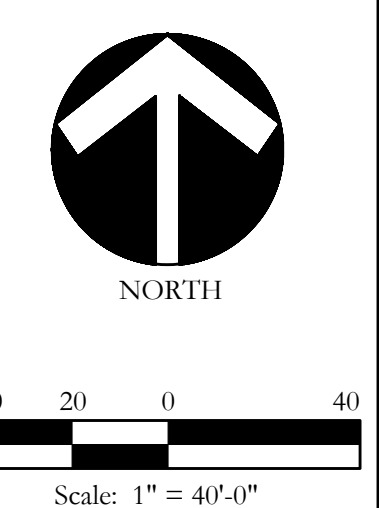
One Inch

TREE SURVEY PLAN
Tree Survey and Tree Preservation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas



LEGEND	
○ 1312	PROTECTED TREE TO REMAIN
● 1313	PROTECTED TREE TO BE REMOVED

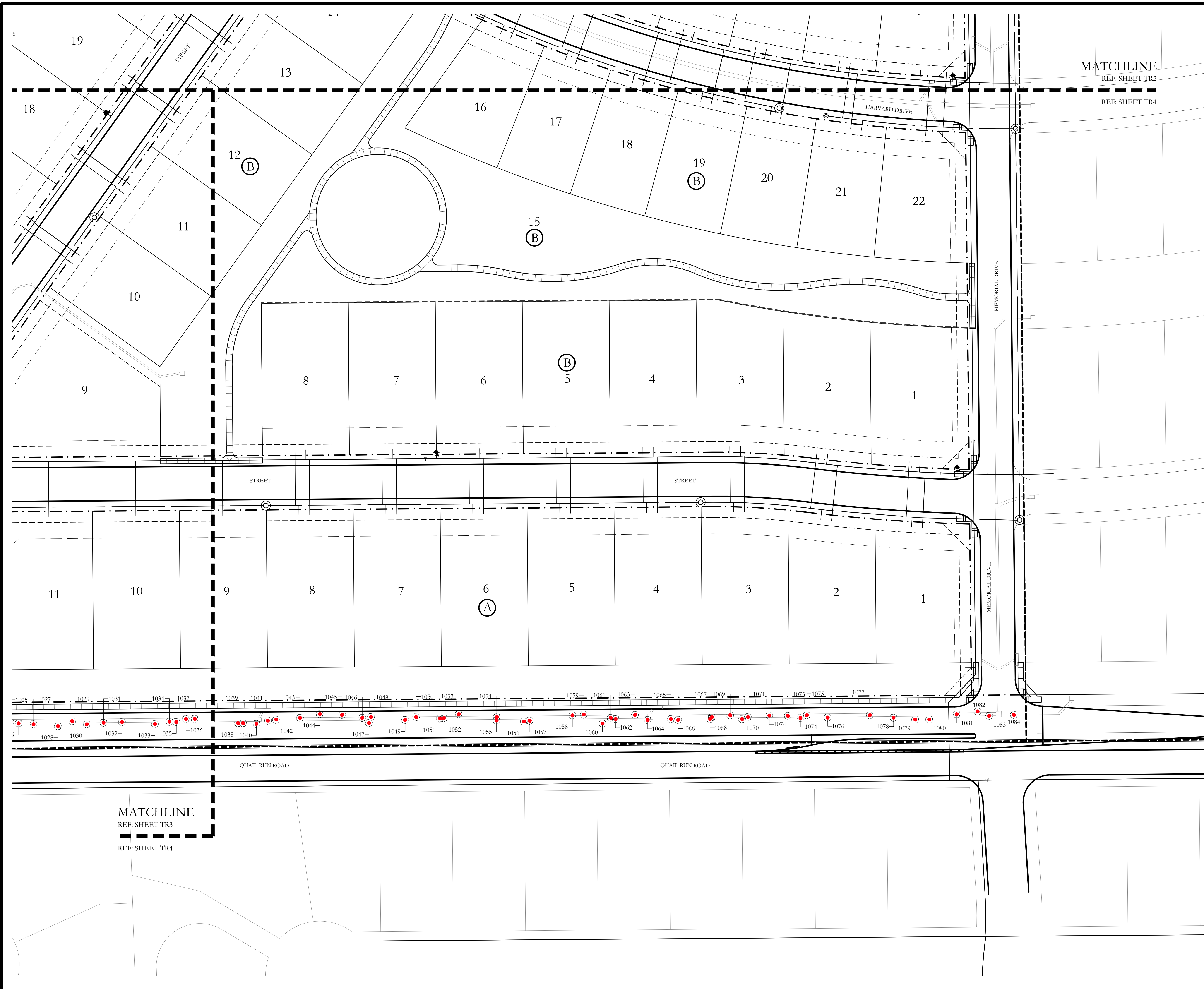
CODY JOHNSON
s . t . u . d . i . o



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One Inch

TREE SURVEY PLAN
Detailed Tree Survey and Tree Preservation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002
SHEET NO.
TR2 of 6

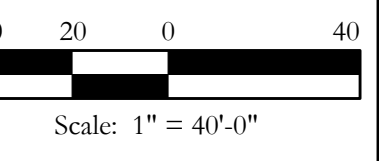
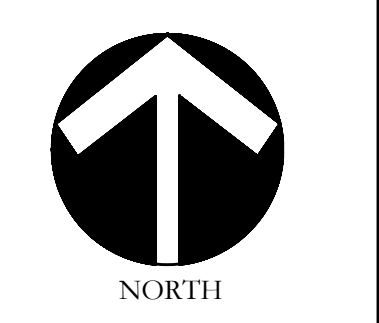
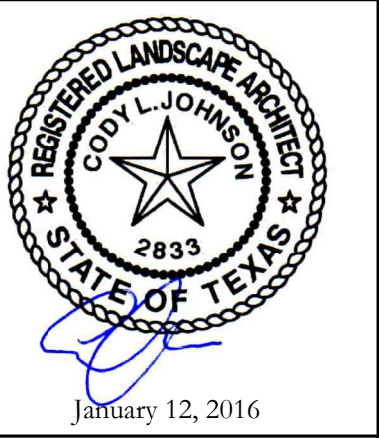


LEGEND

- 1312 PROTECTED TREE TO REMAIN
- 1313 PROTECTED TREE TO BE REMOVED

CODY JOHNSON
s.t.u.d.i.o

1277 CHANTANCOCA DR. FRESCO, TEXAS 75055
PH: (940) 574-1624
EMAIL: CODY@CODYJOHNSONSTUDIO.COM



Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

TREE SURVEY PLAN

Detailed Tree Survey and Tree Preservation Plan

Stone Creek Phase VII

City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

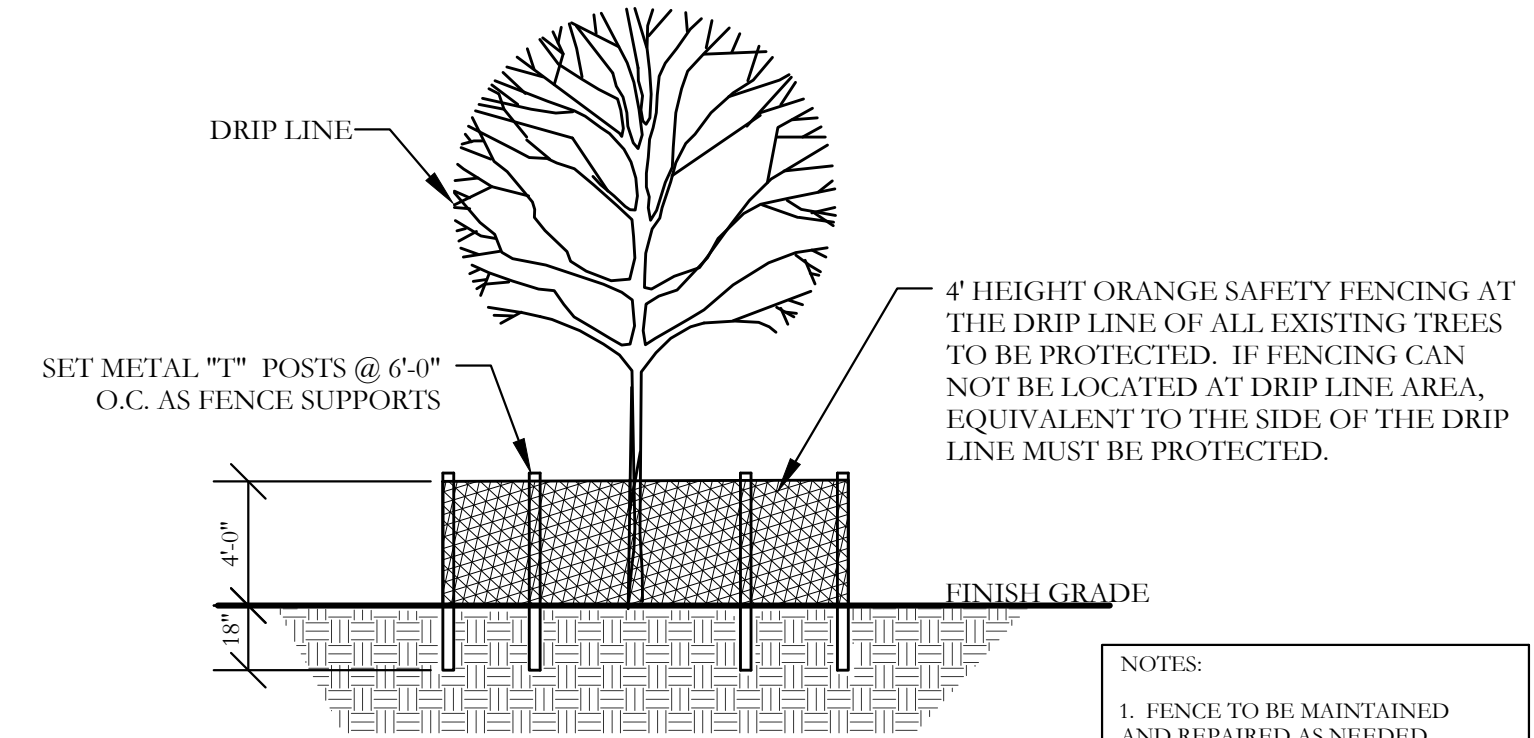
SHEET NO.
TR4 of 6

Tree ID Number	Diameter at Breast Height (DBH) (inches)	Common Name	Scientific Name	Condition	Comment	Location	Remove or Remain	Mitigation Required, Percentage	Mitigation Required in Caliper Inches
1001	14.8	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1002	12.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1003	15.3	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1004	10.3	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1005	19.2	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1006	7.8	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Right-of-Way	Remove	0%	0
1007	7.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1008	6.2	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1009	7.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1010	13.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1011	9.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1012	8.6	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1013	8.1	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Right-of-Way	Remove	0%	0
1014	10.7	Cedar Elm	Ulmus crassifolia	Healthy		Right-of-Way	Remove	0%	0
1015	13.8	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1016	8.9	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1017	10.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1018	13.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1019	9.3	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1020	13.0	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1021	17.6	Cedar Elm	Ulmus crassifolia	Damaged		Right-of-Way	Remove	0%	0
1022	6.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1023	15.8	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1024	13.1	Cedar Elm	Ulmus crassifolia	Healthy		Right-of-Way	Remove	0%	0
1025	9.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1026	7.1	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1027	14.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1028	10.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1029	6.8	Cedar Elm	Ulmus crassifolia	Healthy		Right-of-Way	Remove	0%	0
1030	6.6	Hercules Club	Zanthoxylum dawa-herculis	Healthy		Right-of-Way	Remove	0%	0
1031	30.0	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1032	10.6	Cottonwood	Populus deltoides	Healthy		Right-of-Way	Remove	0%	0
1033	14.1	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1034	7.3	Bois d'Arc	Madura pomifera	Healthy		Right-of-Way	Remove	0%	0
1035	6.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1036	7.3	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1037	7.6	Bois d'Arc	Madura pomifera	Healthy		Right-of-Way	Remove	0%	0
1038	7.8	Hercules Club	Zanthoxylum dawa-herculis	Healthy		Right-of-Way	Remove	0%	0
1039	6.0	Eastern Red Cedar	Juniperus virginiana	Healthy		Right-of-Way	Remove	0%	0
1040	9.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1041	7.1	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1042	9.6	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1043	11.2	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1044	12.6	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1045	11.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1046	8.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1047	16.1	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1048	7.7	False Buckhorn	Bumelia lauginosa	Healthy		Right-of-Way	Remove	0%	0
1049	10.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1050	7.9	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1051	14.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1052	12.3	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1053	8.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1054	14.3	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Right-of-Way	Remove	0%	0
1055	7.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1056	14.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1057	11.2	Cottonwood	Populus deltoides	Healthy		Right-of-Way	Remove	0%	0
1058	39.5	Bois d'Arc	Madura pomifera	Damaged	Multi-Trunk; Fence Damage	Right-of-Way	Remove	0%	0
1059	11.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1060	10.3	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1061	17.6	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1062	6.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1063	8.9	False Buckhorn	Bumelia lauginosa	Healthy		Right-of-Way	Remove	0%	0
1064	6.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1065	11.0	Hackberry	Celtis occidentalis	Damaged	Multi-Trunk	Right-of-Way	Remove	0%	0
1066	6.2	Eastern Red Cedar	Juniperus virginiana	Healthy		Right-of-Way	Remove	0%	0
1067	15.0	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1068	6.8	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Right-of-Way	Remove	0%	0
1069	6.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1070	11.0	Eastern Red Cedar	Juniperus virginiana	Healthy		Right-of-Way	Remove	0%	0
1071	6.7	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1072	16.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1073	6.6	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Right-of-Way	Remove	0%	0
1074	10.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1075	8.1	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Right-of-Way	Remove	0%	0
1076	6.3	Eastern Red Cedar	Juniperus virginiana	Healthy		Right-of-Way	Remove	0%	0
1077	7.3	Eastern Red Cedar	Juniperus virginiana	Healthy		Right-of-Way	Remove	0%	0
1078	8.9	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1079	12.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1080	15.2	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1081	14.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1082	6.5	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1083	11.4	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1084	10.2	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1085	8.9	Hercules Club	Zanthoxylum dawa-herculis	Damaged	Fence Damage	Common Area	Remove	0%	0
1086	6.5	Hercules Club	Zanthoxylum dawa-herculis	Damaged	Fence Damage	Common Area	Remove	0%	0
1087	16.1	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Common Area	Remove	0%	0
1088	17.3	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Common Area	Remove	0%	0
1089	8.5	Hackberry	Celtis occidentalis	Healthy		Common Area	Remove	0%	0
1090	9.1	Hackberry	Celtis occidentalis	Healthy		Common Area	Remove	0%	0
1091	7.5	Hackberry	Celtis occidentalis	Healthy		Common Area	Remove	0%	0
1092	14.7	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Common Area	Remove	50%	7.35
1093	20.0	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1094	12.8	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6.4
1095	8.9	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1096	13.0	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1097	14.9	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Private Lot	Remove	0%	0
1098	10.2	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1099	12.0	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6
1100	8.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1101	8.7	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1102	9.7	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1103	6.2	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1104	11.4	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	50%	5.7
1105	9.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1106	6.2	Hackberry	Celtis occidentalis	Healthy		Utility Easement	Remove	0%	0
1107	8.8	Bois d'Arc	Madura pomifera	Healthy		Right-of-Way	Remove	0%	0
1108	12.6	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Utility Easement	Remove	0%	0
1109	8.2	Hackberry	Celtis occidentalis	Healthy		Utility Easement	Remove	0%	0
1110	11.7	Hackberry	Celtis occidentalis	Damaged	Multi-Trunk; Fence Damage	Private Lot	Remove	0%	0
1111	7.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1112	6.7	Hackberry	Celtis occidentalis	Healthy		Utility Easement	Remove	0%	0

Tree ID Number	Diameter at Breast Height (DBH) (inches)	Common Name	Scientific Name	Condition	Comment	Location	Remove or Remain	Mitigation Required, Percentage	Mitigation Required in Caliper Inches
1113	8.8	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1114	9.4	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1115	10.0	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1116	11.4	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	5.7
1117	10.6	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1118	10.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1119	8.7	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1120	6.9	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1121	6.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1122	12.3	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	50%	6.15
1123	15.0	Bois d'Arc	Madura pomifera	Healthy		Private Lot	Remove	0%	0
1124	9.9	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1125	11.0	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	5.5
1126	11.1	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	5.55
1127	11.2	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	5.6
1128	6.2	Hackberry	Celtis occidentalis	Damaged	Fence Damage	Private Lot	Remove	0%	0
1129	12.5	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6.25
1130	11.4	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	50%	5.7
1131	11.5	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1132	10.0	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1133	16.6	Hackberry	Celtis occidentalis	Healthy	Multi-Trunk	Private Lot	Remove	50%	8.3
1134	6.7	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1135	7.9	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1136	18.9	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1137	9.2	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1138	6.8	Hackberry	Celtis occidentalis	Healthy		Right-of-Way	Remove	0%	0
1139	18.1	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1140	13.3	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6.65
1141	8.7	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1142	8.3	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	0%	0
1143	12.2	Bois d'Arc	Madura pomifera	Healthy		Private Lot	Remove	0%	0
1144	18.8	Hackberry	Celtis occidentalis	Damaged	Multi-Trunk; Fence Damage	Private Lot	Remove	0%	0
1145	12.4	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6.2
1146	15.7	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1147	7.8	Hackberry	Celtis occidentalis	Healthy		Common Area	Remove	0%	0
1148	12.5	Bois d'Arc	Madura pomifera	Healthy		Private Lot	Remove	0%	0
1149	13.4	Hackberry	Celtis occidentalis	Healthy		Private Lot	Remove	50%	6.7
1150	9.2	Honey Locust	Gleditsia triacanthos	Healthy	Multi-Trunk	Private Lot	Remove	100%	9.2
1151	12.9	Hackberry	Celtis occidentalis	Healthy		Common Area	Remain	0%	0
1152	8.0	Cedar Elm	Ulmus crassifolia	Healthy		Common Area	Remain	0%	0
1153	8.8	Hackberry	Celtis occidentalis	Healthy		Common Area	Remain	0%	0
1154	8.0	Hackberry	Celtis occidentalis	Healthy		Common Area	Remain	0%	0
1155	6.4	Hackberry	Celtis occidentalis	Healthy		Common Area	Remain	0%	0
1156	15.3	Bois d'Arc	Madura pomifera	Healthy	Multi-Trunk	Private Lot	Remove	0%	0
1157	6.9	Hackberry	Celtis occidentalis	Healthy		Common Area	Remove	0%	0

TREE PROTECTION NOTES

- EXISTING TREES SHOWN TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. ORANGE COATED CHAINLINK FENCING (MIN. 4'-0" HEIGHT) SHALL BE INSTALLED AT THE DRIP LINE OF ALL TREES OR TREE GROUPS TO REMAIN. PARKING OF VEHICLES OR PERFORMING WORK WITHIN THESE AREAS OTHER THAN SHOWN ON THE PLAN, WILL NOT BE ALLOWED. THE TREE PROTECTION SHALL REMAIN DURING CONSTRUCTION. OTHER TREE PROTECTION MEASURES SHALL BE IN ACCORDANCE WITH THE CITY'S STANDARDS AND ORDINANCES.
- DISPOSAL OF ANY WASTE MATERIAL SUCH AS, BUT NOT LIMITED TO, PAINT, ASPHALT, OIL SOLVENTS, CONCRETE, MORTAR, ETC. WITHIN THE CANOPY AREA OF THE EXISTING TREES SHALL NOT BE ALLOWED.
- NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
- NO FILL OR EXCAVATION OF ANY NATURE SHALL OCCUR WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, UNLESS THERE IS A SPECIFIED WELL OR RETAINING WALL SHOWN ON THE GRADING PLAN.
- NO MATERIALS SHALL BE STORED WITHIN THE DRIP LINE AREA OF A TREE TO BE PRESERVED



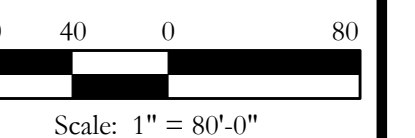
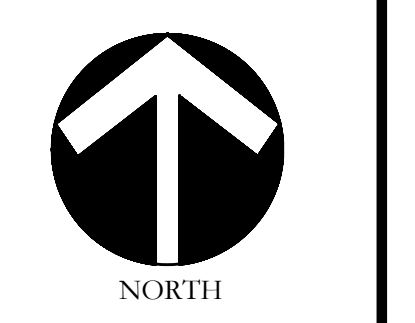
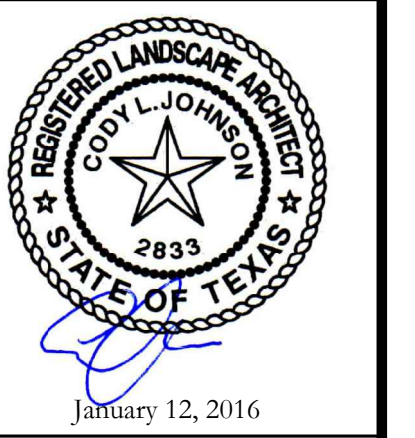
1 TREE PROTECTION DETAIL

NOT TO SCALE

- NOTES:
- FENCE TO BE MAINTAINED AND REPAIRED AS NEEDED DURING CONSTRUCTION.
 - NO CONSTRUCTION TRAFFIC, GRADING, STORAGE OR WASTE DISPOSAL ALLOWED WITHIN THE FENCED AREA AROUND TREES.

CODY JOHNSON
s . t . u . d . i . o

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Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

TREE SURVEY PLAN
Detailed Tree Survey and Tree Preservation Plan
Stone Creek Phase VII
City of Rockwall, Rockwall County, Texas

CJS PROJECT NO.
MTH002

SHEET NO.
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