

GENERAL NOTES:

1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
2. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED FROM THE GOVERNING AGENCIES AND COORDINATING ALL GOVERNING AGENCY INSPECTIONS REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. REFERENCE SITE WORK SPECIFICATIONS.
4. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
5. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGE TO ADJACENT PROPERTIES AND NEW CONSTRUCTION IN PLACE DURING THE CONSTRUCTION PHASES OF THIS PROJECT. ANY DISTURBED IMPROVEMENTS SHALL BE REPLACED IN KIND AT THE CONTRACTORS EXPENSE.
6. ANY QUANTITIES PROVIDED ON THESE PLANS ARE FOR GENERAL REFERENCE PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE QUANTITIES REQUIRED FOR CONSTRUCTION.
7. THE EXISTING FEATURES SHOWN ON THESE PLANS ARE THOSE NOTED IN THE FIELD AND THOSE TAKEN FROM RECORD DRAWINGS. THERE IS NO GUARANTEE THAT ALL FEATURES (ABOVE OR BELOW GROUND) ARE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING FEATURES PRIOR TO BIDDING THE PROJECT.
8. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION BY CONTACTING THE LOCAL UTILITY COMPANIES AND/OR UTILIZING THE LOCAL ONE-CALL SYSTEM. ANY DAMAGE DONE TO EXISTING UTILITIES (THAT ARE TO REMAIN IN PLACE) DURING CONSTRUCTION OPERATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY AND REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNERS CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL WORK SHALL MEET OR EXCEED THE RELEVANT UTILITY COMPANIES AND REGULATORY AGENCIES, CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL WORK WITHIN PUBLIC AND STATE RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCIES STANDARDS AND SPECIFICATIONS.
10. TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER TRAFFIC CONTROL IS IN PLACE FOR EACH PHASE OF CONSTRUCTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROPERLY MAINTAINING TRAFFIC CONTROL DEVICES THROUGHOUT THE DURATION OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PLANS TO THE CITY AND DEPARTMENT OF TRANSPORTATION AS REQUIRED.

BENCHMARK

BENCHMARK: NGS DESIGNATION C 355 (PID:KK0205); STANDARD NGS BM LOCATED 2 MI SE FROM SEDALIA, 2.0 MILES SOUTHEAST ALONG THE DENVER AND RIO GRANDE WESTERN RAILROAD FROM THE STATION AT SEDALIA, 0.5 MILE NORTHWEST OF MILEPOST 27, 32 FEET NORTH OF THE NORTH RAIL, 53 FEET SOUTH OF THE CENTER LINE OF U.S. HIGHWAY 85, 2 FEET WEST OF A WITNESS POST, SET IN THE TOP OF A CONCRETE POST WHICH PROJECTS 0.4 FOOT ABOVE THE GROUND.

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE SOUTH LINE OF THE SE 1/4 OF SECTION 29, T.6S., R.66W., OF THE 6TH P.M. BEARING S89°35'27"W AND BOUNDED BY A 3 1/4" ALUMINUM CAP AT THE S 1/4 CORNER OF SECTION 29 AND A 3 1/4" ALUMINUM CAP AT THE SE CORNER OF SECTION 29. THE MONUMENTS ARE STAMPED AS SHOWN HEREON.

LEGAL DESCRIPTION

LOT 3, DOUGLAS 234, FILING NO. 6 WITHIN A PORTION OF THE SOUTHEAST 1/4 OF THE SECTION 29, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M. TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

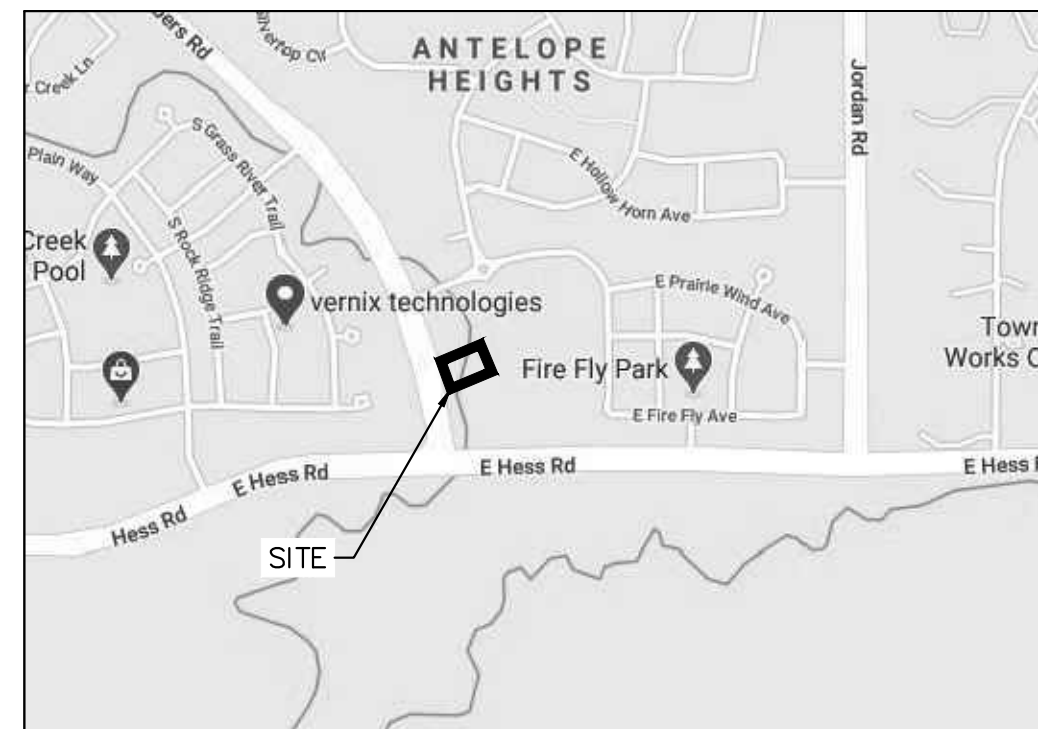
CONSTRUCTION DOCUMENTS

MCDONALD'S CHAMBERS

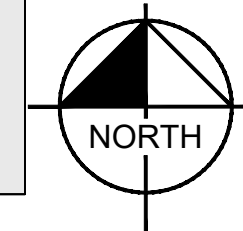
DOUGLAS 234, FILING NO. 6, BLOCK 1, LOT 3

NEC CHAMBERS ROAD AND HESS ROAD

PARKER, CO



VICINITY MAP



PROJECT CONTACTS:

DEVELOPER:
MCDONALD'S USA, LLC
4643 S. ULSTER STREET, SUITE 1300
DENVER, CO 80237
TEL: (303) 519-4001
CONTACT: KORTNEY PEDIGO

ARCHITECT:
CORESTATES GROUP
135 WATER STREET, SUITE 201
NAPERVILLE, IL 60540
TEL: (224) 585-4582
CONTACT: KELLY TESKA

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
2 NEVADA NORTH AVE., SUITE 300
COLORADO SPRINGS, CO 80903
TEL: (719) 453-0180
CONTACT: JESSICA MCCALLUM, P.E.

SURVEYOR:
ENGINEERING SERVICE CO.
14190 EAST EVANS AVENUE
AURORA CO, 80014
TEL: (719) 582-1270
CONTACT: CHIP BECKSTROM, P.L.S.

LANDSCAPE ARCHITECT:
KIMLEY-HORN AND ASSOCIATES, INC.
2 NEVADA NORTH AVE., SUITE 300
COLORADO SPRINGS, CO 80903
TEL: (719) 453-0180
CONTACT: JEREMY POWELL, P.L.A.

MUNICIPAL CONTACT LIST:

TOWN OF PARKER

PLANNING AND INSPECTIONS DEPARTMENT
PLANNING DIVISION
20120 E MAINSTREET
PARKER, CO 80138
TEL: (303) 805-3338
CONTACT: BRIANNA SIMON

PLANNING AND INSPECTIONS DEPARTMENT-INSPECTIONS DIVISION
20120 E MAINSTREET
PARKER, CO 80138
TEL: TBD
CONTACT: TBD

CAPITAL IMPROVEMENT PROJECTS/ENGINEERING DEPARTMENT
20120 E MAINSTREET
PARKER, CO 80138
TEL: (303) 940-9546
CONTACT: TYLER SANDT

TRANSPORTATION DEPARTMENT
COLORADO DEPARTMENT OF TRANSPORTATION
TEL: (303) 757-9356
CONTACT: RICK SOLOMON

CITY FIRE DEPARTMENT
20120 E MAINSTREET
PARKER, CO 80138
TEL: (303) 805-3169
CONTACT: RANDY CAPRA

PARKER WATER AND SANITATION DISTRICT
18100 E WOODMAN DRIVE
PARKER, CO 80134
TEL: (303) 841-4627
CONTACT: DRAYTON SANDERSON

GAS COMPANY
XCEL ENERGY
1800 LARIMER STREET
DENVER, CO 80202
TEL: (800) 895-1999
CONTACT: RON JOHNSON

ELECTRIC COMPANY
IREA
5496 US HWY 85
SEDALIA, CO 80135
TEL: (720) 733-5493
CONTACT: BROOKS KAUFMAN

TELEPHONE COMPANY
CENTURY LINK
1801 CALIFORNIA STREET, SUITE 240
DENVER, CO 80202
TEL: (855) 891-4083
CONTACT: IZZY MILLER

FIRE CODE REVIEW BLOCK:

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO WATER UTILITY STANDARDS. THE NUMBER AND LOCATIONS OF THE FIRE HYDRANTS AS SHOWN ON THE OVERALL UTILITY PLAN ARE CORRECT AS SPECIFIED BY THE TOWN OF PARKER, COMMUNITY DEVELOPMENT DEPARTMENT.

FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE _____
DATE _____

(NOTE - UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENTS OF NFPA 24 WHEN SUBMITTING FOR REVIEW.)

ENGINEER'S STATEMENT:

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF PARKER STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR THE ACCURACY OF ALL DESIGN, REVISIONS, AND RECORD CONDITIONS THAT I HAVE NOTED ON THESE PLANS.

JESSICA MCCALLUM, P.E.
CO REGISTERED PROFESSIONAL NO. 59054
KIMLEY-HORN AND ASSOCIATES, INC.
2 NORTH NEVADA AVE., COLORADO SPRINGS, CO 80903
(719) 453-0180

SIGHT DISTANCE CERTIFICATION:

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THE PROPOSED SUBDIVISION, DOUGLAS 234, FILING NO. 6, LOT 3, IS DESIGNED WITH ADEQUATE CORNER SIGHT DISTANCE FOR ALL INTERSECTIONS AND THE PEDESTRIAN CROSSING LOCATIONS. CONSIDERATION OF LANDSCAPING IMPACTS TO THE CORNER SIGHT DISTANCE AT BOTH INITIAL AND MATURE GROWTH HAS BEEN REVIEWED. THE MINIMUM CORNER SIGHT DISTANCE IS IN COMPLIANCE WITH AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAY AND STREETS.

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

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SHEET NUMBER	SHEET TITLE
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C1.1	CONSTRUCTION NOTES
C1.2	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.3	HORIZONTAL CONTROL PLAN
C1.4	LINE AND CURVE TABLES AND PAVEMENT DETAILS
C1.5	SIGNAGE AND STRIPING PLAN
C1.6	SIGNAGE AND STRIPING DETAILS
C1.7	MCDONALD'S SIGNAGE AND DRIVE-THRU
C1.8	MCDONALD'S SIGNAGE AND DRIVE-THRU
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C1.12	STORM SEWER C PLAN AND PROFILE VIEW
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C1.14	EROSION CONTROL PHASE 2
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C1.21	CITY DETAILS
C1.22	IRRIGATION PLAN
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BY	
DESCRIPTION	
DATE	
REV	

PRELIMINARY
FOR REVIEW ONLY
NOT FOR
CONSTRUCTION
Kimley-Horn and Associates, Inc.

McDonald's USA, LLC
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DRAWN BY	JJM
STD ISSUE DATE	07/1/21
REVIEWED BY	JRH
DATE ISSUED	07/1/21

CONSTRUCTION DOCUMENTS

COVER SHEET

SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6

C1.0



GENERAL NOTES FOR CONTRACTOR

1. THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF THE PLANS. THE TOWN ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE TOWN WILL NOT BE HELD RESPONSIBLE FOR THEIR ENFORCEMENT.
2. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES, AND STORM SEWERS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF RECORD AT 719-453-0180. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER OWNER, AGENCY, OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
4. EXCEPT AS NOTED HEREON ALL UTILITY SERVICES WITHIN THIS DEVELOPMENT ARE UNDERGROUND INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK NEAR THEIR FACILITIES, AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. FOR UTILITY MARK-OUT SERVICE, CALL 811.
5. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
6. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS TO BE CONNECTED TO SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
7. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
8. FOR ALL UTILITY TRENCHES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD BY A QUALIFIED SOILS ENGINEER WHICH CERTIFY THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
9. ANY WORK DONE WITHOUT INSPECTION OR MATERIALS TESTING IS SUBJECT TO REMOVAL OR CORRECTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DAMAGE TO THE EXISTING IMPROVEMENTS AND REPLACEMENT TO THE SATISFACTION OF THE ENGINEER.
11. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, DRAINAGE AND UNDERGROUND FACILITIES INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
12. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
13. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS OR IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE WORK IN QUESTION.
14. APPROVAL OF THESE PLANS BY THE TOWN DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
15. THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE TOWN DOES NOT AUTHORIZE THE CONTRACTOR OR OWNER TO VIOLATE ANY FEDERAL, STATE OR COUNTY LAWS, ORDINANCES, REGULATIONS, OR POLICIES, INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT OF 1973 AND AMENDMENTS THERETO (16 USC SECTION 1531 ET-SEQ.)
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, A LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. ALL MONUMENTS SHALL BE SET IN ACCORDANCE WITH COLORADO REVISED STATUTES TITLE 12, ARTICLE 25, PART 2. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE TOWN FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
17. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS THE TOWN ENGINEER APPROVES A CONSTRUCTION CHANGE OR THE TOWN/AGENCY INSPECTOR REQUIRES THE CHANGE.
18. AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE TOWN. CONTACT THE ENGINEER FOR THE REQUIREMENTS OF THE AS-BUILT DRAWINGS.
19. THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE TOWN'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT OR COLORADO DIVISION OF WILDLIFE. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.
20. OVERLOT GRADING WAS TAKEN FROM APPROVED GRADING PLANS COMPLETED FOR THE MASTER DEVELOPMENT.
21. NOTES AND DETAILS DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS, WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
22. IF AT ANY TIME DURING THE GRADING OPERATION, ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
23. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
24. ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
25. DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
26. CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN IN THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.
27. ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
28. SPOT GRADES ARE TO FLOWLINE OR FINISH PAVEMENT GRADE UNLESS OTHERWISE NOTED.
29. CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
30. WATER SHALL BE PROVIDED ONSITE AND USED TO CONTROL DUST DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
31. STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE DURING INTERIM CONDITIONS OF CONSTRUCTION.
32. RETAINING WALLS LOCATED CLOSER TO THE PROPERTY LINE THAN THE HEIGHT OF THE WALL SHALL BE BACKFILLED NOT LATER THAN 10 DAYS AFTER CONSTRUCTION OF THE WALL AND NECESSARY STRUCTURAL SUPPORTING MEMBERS UNLESS RECOMMENDED OTHERWISE BY ENGINEER OF RECORD.

TOWN OF PARKER CONSTRUCTION NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION OF THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
3. A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 66 HOURS PRIOR TO THE START OF CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE GRADING PERMIT AND ALL OTHER NECESSARY PERMITS HAVE BEEN OBTAINED.
4. A DEVELOPMENT REVIEW ENGINEER SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION. IF A DEVELOPMENT REVIEW ENGINEER IS NOT AVAILABLE AFTER PROPER NOTICE OF CONSTRUCTION ACTIVITY HAS BEEN PROVIDED, THE PERMITEE MAY COMMENCE WORK IN THE DEVELOPMENT REVIEW ENGINEER'S ABSENCE. HOWEVER, TOWN OF PARKER RESERVES THE RIGHT TO REJECT THE IMPROVEMENT IF SUBSEQUENT TESTING REVEALS AN IMPROPER INSTALLATION.
5. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION CONTACT: DENVER INTER-UTILITY GROUP, 303-534-6700 OR 1-800-922-1987. THE CONTRACTOR SHALL FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER PUBLIC WORKS DIRECTOR, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES.
7. ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES, STORM SEWER OR FOR OTHER PURPOSES ARE LISTED AND REFERENCED BELOW:
SANITARY SEWER CONNECTION - NONE
WATER TIE IN - NONE
STORM CONNECTION - NONE
8. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT-OF-WAY PERMIT USE APPLICATION. A PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR USE DURING CONSTRUCTION.
9. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION."
10. COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE DEVELOPMENT REVIEW ENGINEER IN PRELIMINARY FORM PRIOR TO PAVING AND IN FINAL FORM PRIOR TO PROBATIONARY ACCEPTANCE.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE PLAN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH APPROVAL FROM THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
12. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
13. PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK. PLANS SHALL BE RESUBMITTED TO THE TOWN FOR APPROVAL AFTER 1 YEAR. THE COST OF THE PLAN RE-REVIEW AND RE-ACCEPTANCE WILL BE CHARGED BACK TO THE DEVELOPER INCLUDING ALL TIME AND EXPENSES OF THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
14. REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
15. ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
16. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION, WQCD-PE-B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO 80222-1530. ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692-3500.
17. IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.
18. ALL REFERENCES TO BOOKS, PAGES, MAPS, AND RECEPTION NUMBER ARE PUBLIC DOCUMENTS ON FILE WITH THE COUNTY CLERK AND RECORDER'S OFFICE.

ROADWAY NOTES

1. PAVING SHALL NOT COMMENCE UNTIL A SOILS REPORT AND PAVEMENT DESIGN IS APPROVED BY THE ENGINEERING DIVISION AND SUBGRADE COMPACTION TESTS ARE SUBMITTED TO AND APPROVED BY THE DEVELOPMENT REVIEW ENGINEER.
2. STANDARD TOWN OF PARKER HANDICAP RAMPS ARE TO BE CONSTRUCTED AT ALL CURB RETURNS AND AT ALL "T" INTERSECTIONS.
3. ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS UNLESS OTHERWISE NOTED.
4. ALL ELEVATIONS ARE ON USGS DATUM WITH DATE. RANGE POINT OR MONUMENT SHALL BE SHOWN ON THE CONSTRUCTION PLANS.
5. EXCEPT WHERE OTHERWISE PROVIDED FOR IN THESE PLANS AND SPECIFICATIONS, THE COLORADO DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE COLORADO DEPARTMENT OF HIGHWAYS M AND S STANDARDS, AND THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, LATEST EDITION, SHALL APPLY.

TOWN OF PARKER STORM DRAINAGE INFRASTRUCTURE NOTES

1. ALL STORM DRAINAGE IMPROVEMENTS ARE SUBJECT TO COMPLIANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, M & S STANDARDS, AND ALL STANDARD SPECIAL PROVISIONS CURRENTLY USED BY CDOT, WITH THE MODIFICATIONS SET FORTH IN THE TOWN OF PARKER'S STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL (SDECM), AS AMENDED.
2. THE CONTRACTOR SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8 CRS), THE "PROTECTION OF FISHING STREAMS" TITLE 33, ARTICLE 5, CRS), THE "CLEAN WATER ACT" (33 USC 1344), CHERRY CREEK RESERVOIR CONTROL REGULATION NO. 72" (5 CCR 1002-72), THE REGULATION PROMULGATED, CERTIFICATION OR PERMITS ISSUES, AND THE REQUIREMENTS PRESENTED IN THE SDECM REVISION TO SECTION 107 AND THE CONSTRUCTION BMP PLAN. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND WATER QUALITY CONTROL LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, OR STATE AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
3. INSPECTIONS: CONSTRUCTION SHALL NOT BEGIN UNTIL A GRADING PERMIT HAS BEEN ISSUED FOR THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE TOWN OF PARKER ENGINEERING DEPARTMENT (PUBLIC WORKS) TO SCHEDULE INSPECTIONS A MINIMUM OF 48 HOURS PRIOR TO THE CONSTRUCTION OF ALL DRAINAGE INFRASTRUCTURE (STORM SEWERS, INLETS, MANHOLES, ENERGY DISSIPATORS, RIPRAP, GROUDED BOULDERS, DETENTION POND OUTLET STRUCTURES, FOREBAYS, TRICKLE CHANNELS, ETC). FAILURE TO NOTIFY THE ENGINEERING DEPARTMENT FOR INSPECTIONS MAY RESULT IN NON-ACCEPTANCE OF THE INFRASTRUCTURE BY THE TOWN. URBAN DRAINAGE AND FLOOD CONTROL DISTRICT MUST ALSO BE NOTIFIED IN A SIMILAR MANNER FOR ALL MAINTENANCE ELIGIBLE DRAINAGE INFRASTRUCTURES (CONSULT WITH STORMWATER ENGINEERING DIVISION).
4. STRUCTURAL BACKFILL (CDOT CLASS 1) SHALL BE COMPACTED TO CONFORM TO CDOT STANDARD SPECIFICATION 203.03. STRUCTURAL BACKFILL (CDOT CLASS 2) SHALL CONFORM TO CDOT STANDARD SPECIFICATION 203.07. AT THE CONTRACTOR'S OPTION, STRUCTURAL BACKFILL (SQUEEGEE) MEETING THE GRADATION REQUIREMENTS CONTAINED IN REVISION OF SECTION 206 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM, MAY BE SUBSTITUTED FOR STRUCTURE BACKFILL (CLASS 1) OR CLASS 2) FOR BACKFILLING OF CULVERT PIPES, STORM SEWER PIPES, MANHOLES AND INLET STRUCTURES; HOWEVER, THE TOP 2 FEET BELOW SUBGRADE ELEVATION SHALL BE THE REQUIRED EMBANKMENT MATERIAL.
5. ALL EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
6. TESTING: PROBATIONARY ACCEPTANCE OF STORM DRAINAGE IMPROVEMENTS WILL BE CONTINGENT UPON SATISFACTORY TESTING RESULTS. IN ALL CASES WHERE TESTS INDICATE COMPACTION LESS THAN THAT REQUIRED TO MEET TOWN SPECIFICATIONS, ADDITIONAL COMPACTION AND TESTS WILL BE REQUIRED UNTIL THE SPECIFICATIONS ARE MET. FREQUENCY OF TESTING WILL BE AS FOLLOWS:
 - 6.1. 1 TEST FOR SUBGRADE AND 1 TEST FOR BACKFILL AT EVERY ABOVE GROUND APURTENANCE MANHOLES, INLETS, ETC)
 - 6.2. 1 TEST EVERY 200 LF OF MAINLINE TRENCH EVERY 1 FOOT OF BACKFILL LIFT AND WITHIN 1 FOOT FROM ALL STRUCTURES.
7. ALLOWABLE STORM SEWER CONDUIT MATERIAL WITHIN THE TOWN OF PARKER SHALL BE LIMITED TO REINFORCED CONCRETE PIPE (RCP) CONFORMING TO CDOT STANDARD SPECIFICATION 706.02.
8. ALL RCP JOINTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C443. RUBBER GASKETS SHALL BE USED ON ALL PIPE JOINTS CONFORMING TO ASTM C443. ALL RCP SECTIONS SHALL BE JOINED IN SUCH A MANNER THAT THE ENDS ARE FULLY ENTERED AND THE INNER SURFACES ARE REASONABLE FLUSH. AVERAGE JOINT GAP THAT EXCEEDS 1/8 INCH SHALL BE FILLED WITH AN APPROVED FLEXIBLE PLASTIC SEALANT.
9. JOINT RESTRAINTS AND TOE-WALLS, CONFORMING TO CDOT M&S STANDARD PLAN NO. M-601-11 SHALL BE USED ON ALL RCP FLARED END SECTION OUTFALLS.
10. EPOXY COATED REBAR SHALL BE USED AS REINFORCING STEEL ON ALL STORM INLETS. REFERENCE CDOT M&S STANDARD PLAN NO. M-604-10, 11, 12, AND 13.
11. CDOT CLASS D CONCRETE SHALL BE USED FOR ALL CONCRETE DRAINAGE STRUCTURES.
12. PRE-CAST INLETS AND MANHOLE BASES SHALL NOT BE USED WITHIN THE TOWN OF PARKER RIGHT-OF-WAY, WITH THE EXCEPTION OF CDOT TYPE C AND D INLETS.
13. TWO- (2) MANHOLE ACCESS POINTS ARE REQUIRED ON ALL TYPE "R" CURB INLETS GREATER THAN OR EQUAL TO TEN (10) FEET IN LENGTH AS PRESENTED IN CDOT M&S STANDARD PLAN NO. M-604-12.
14. ALL GROUING (BOULDERS, RIPRAP) SHALL BE IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.
15. ALL BOULDERS AND RIPRAP SHALL BE SELECTED AND PLACED IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM
16. CONTRACTOR SHALL REFER TO THE TOWN OF PARKER'S CONSTRUCTION BEST MANAGEMENT PRACTICES DETAILS AND NOTES FOR ALL REQUIREMENTS RELATING TO RE-VEGETATION, SEDIMENT AND EROSION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES.
17. PIPE BELLS SHALL NOT BE CAST INTO MANHOLE BASES OR INLETS.

TOWN OF PARKER SIGNAGE AND STRIPING NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT VERSION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), COLORADO SUPPLEMENTAL MUTCD, AND THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL. FURTHER SPECIFICATIONS AND ILLUSTRATIONS ARE LOCATED IN THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) M AND S STANDARDS.
2. A FIELD INSPECTION OF LOCATION AND INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE PERFORMED BY THE TOWN OF PARKER.
3. THE CONTRACTOR INSTALLING SIGNS SHALL BE RESPONSIBLE FOR THE LOCATING AND PROTECTING OF ALL UNDERGROUND UTILITIES.
4. TYPE III (LIGHTED) BARRICADES SHALL BE SET AT THE ENDS OF ROADWAYS SEPARATING FINISHED (AND/OR ACCEPTED) AND UNFINISHED CONSTRUCTION AREAS AND SHALL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER. A "ROAD CLOSED AHEAD" AND "TO BE EXTENDED" WARNING SIGNS SHALL BE INSTALLED APPROPRIATELY IN ADVANCE OF THE TYPE III BARRICADES.
5. SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATIONS TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.
6. WHERE STOP SIGN CONTROL IS APPROPRIATE, 36 INCH STOP SIGNS SHALL BE USED FOR APPROACHES TO ANY ROADWAY THAT IS CLASSIFIED AS A COLLECTOR OR GREATER.
7. A 7 FOOT MINIMUM POST LENGTH SHALL BE MAINTAINED FROM THE BOTTOM OF THE SIGN PANEL TO THE GROUND. THIS REQUIREMENT FOR VERTICAL CLEARANCE IS FOR ALL SIGNS.
8. DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO DEPARTMENT OF TRANSPORTATION M AND S STANDARDS.
9. RAISED MEDIAN ISLAND NOSES SHALL HAVE R4-7 SIGNS AT EACH END AND A 4"x12" HIGH INTENSITY YELLOW SIGN BLANK LOCATED MIDWAY BETWEEN THE R4-7 SIGN AND FINISHED GRADE ON EACH POST.
10. SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TIME OF REVIEW. PRIOR TO THE INITIATION OF ANY WARRANTY PERIOD, THE TOWN OF PARKER RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO EXISTING, OR INSTALLATION OF, ADDITIONAL SIGNAGE AND/OR PAVEMENT MARKING IF IT IS DETERMINED THAT CONDITIONS WARRANT SUCH MODIFICATION ACCORDING TO THE MUTCD OR THE CDOT M AND S STANDARDS. ALL SIGNAGE AND STRIPING SHALL FALL UNDER THE REQUIREMENTS OF THE TWO YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION. ADDITIONALLY, ALL PAVEMENT MARKINGS SHALL NOT LIFT OR PEEL DURING THE FIRST YEAR AFTER INSTALLATION.
11. DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS AND OVERHEAD SIGNS. ALL OTHER ROADSIDE TRAFFIC CONTROL DEVICES SHALL USE HIGH INTENSITY GRADE SHEETING. NO FLOURESCENT YELLOW GREEN SHEETING SHALL BE USED UNLESS SPECIFICALLY APPROVED BY THE TOWN OF PARKER.
12. ALL STREET NAME SIGNS SHALL BE HIGH INTENSITY, EXTRUDED, GREEN AND WHITE BLADES. ARTERIAL AND COLLECTOR STREET NAME SIGNS SHALL BE 9 INCH BLADES AND HAVE MIXED CASE LETTERING. LOCAL STREET NAME SIGNS SHALL BE 6 INCHES BLADES WITH MIXED CASE LETTERING.
13. ALL LAYOUTS FOR INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
14. ALL REMOVED SIGNS SHALL BE RETURNED TO THE TOWN OF PARKER.
15. CROSSWALKS:
 - SHALL BE CONSTRUCTED USING PREFORMED THERMO-PLASTIC OR AN APPROVED EQUAL.
 - SHALL BE LONGITUDINAL 2 FEET BY 10 FEET (CONTINENTAL) TYPE OR OTHER APPROVED BY THE TOWN OF PARKER.
 - SHALL LINE UP WITH HANDICAP RAMPS.
 - SHALL BE CENTERED WITHIN LANES AND PLACED ON LANE AND CURB LINES SO AS TO AVOID VEHICLE WHEEL PATHS.
16. ALL PAVEMENT MARKING MATERIAL (INCLUDING WORDS AND SYMBOLS) SHALL BE AS FOLLOWS:
 - FOR CONCRETE SURFACE:
 - LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT. OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER.
 - WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE METHYL-MYTHACRALATE, PREFORMED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), OR AS SPECIFIED.
 - (SAND OR WATER BLAST CURING COMPOUND PRIOR TO INSTALLATION OF MARKINGS.)
 - FOR ASPHALT SURFACE:
 - LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT. OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER.
 - WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE HOT APPLIED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), METHYL-MYTHACRALATE, OR AS SPECIFIED.
17. INSPECTION AND APPROVAL OF STRIPING AND CROSSWALK LAYOUT TO BE DONE BY TOWN OF PARKER DEVELOPMENT REVIEW ENGINEER (CALL 303-840-9546) PRIOR TO APPLICATION OF FINAL STRIPING.

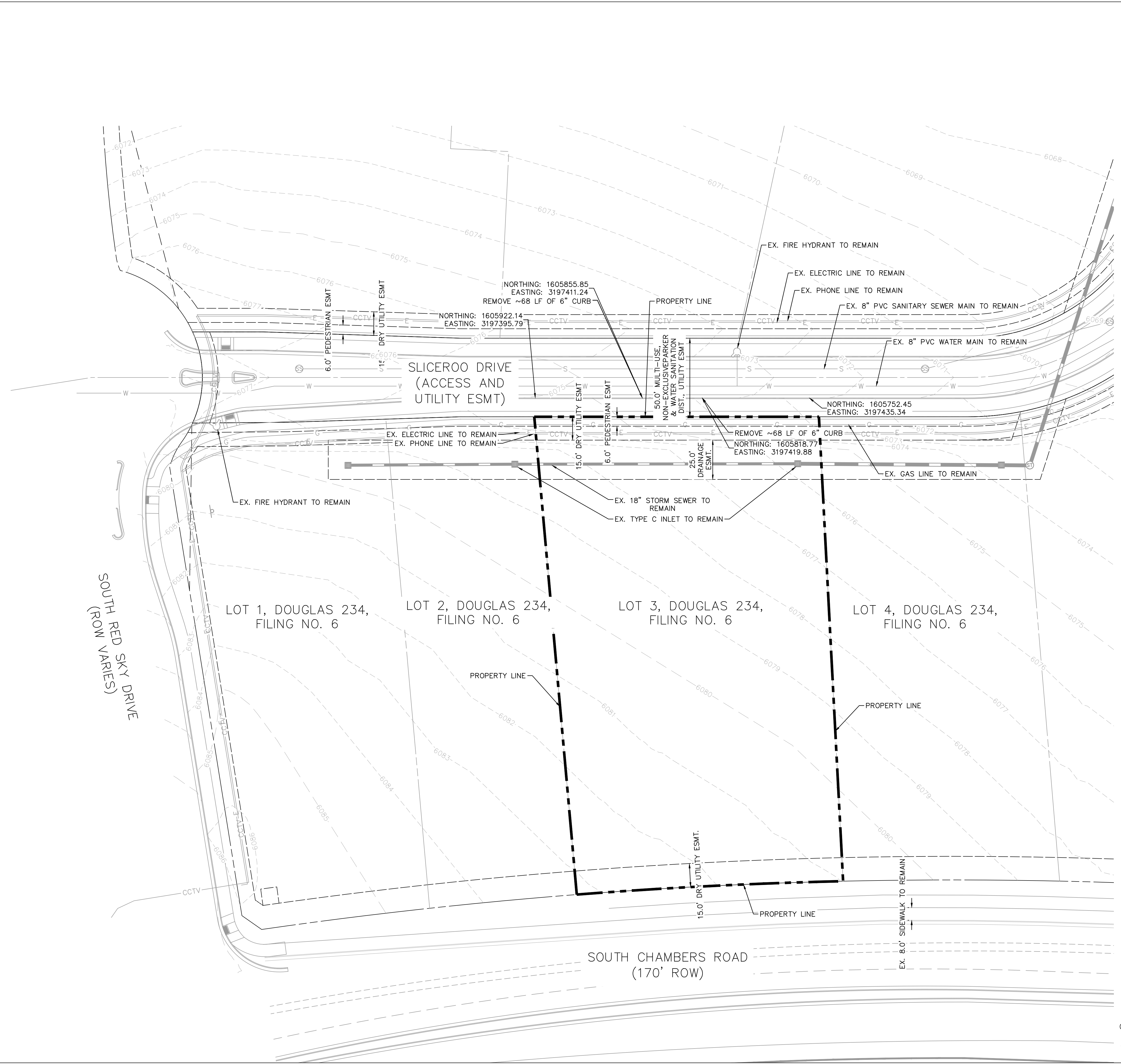
THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.



TOWN OF PARKER, DIRECTOR OF ENGINEERING DATE

TITLE	CONSTRUCTION DOCUMENTS	DATE	07/1/21	DESCRIPTION	
DESCRIPTION	CONSTRUCTION NOTES	REVIEWED BY	JRH	DATE ISSUED	07/1/21
SITE ID	0050785	SITE ADDRESS	LOT 3, DOUGLAS 234 FLING NO. 6		
PREPARED FOR:	McDonald's USA, LLC These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared in accordance with the terms and conditions of the contract. Use of these drawings for reference or example on another project requires the approval of the engineer of record. The use of these drawings on another project is not authorized.				
PREPARED BY:	Kimley Horn and Associates, Inc. FOR REVIEW ONLY NOT FOR CONSTRUCTION				
REV		DATE			
BY					



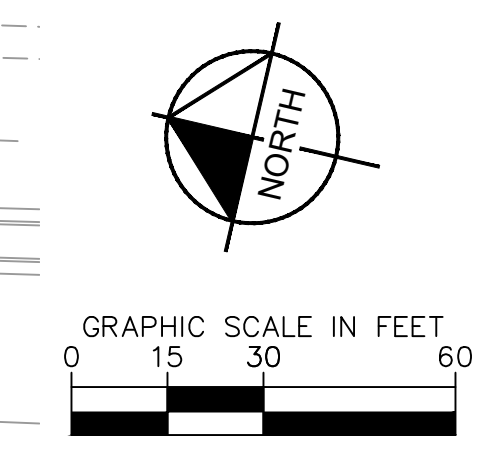
LEGEND

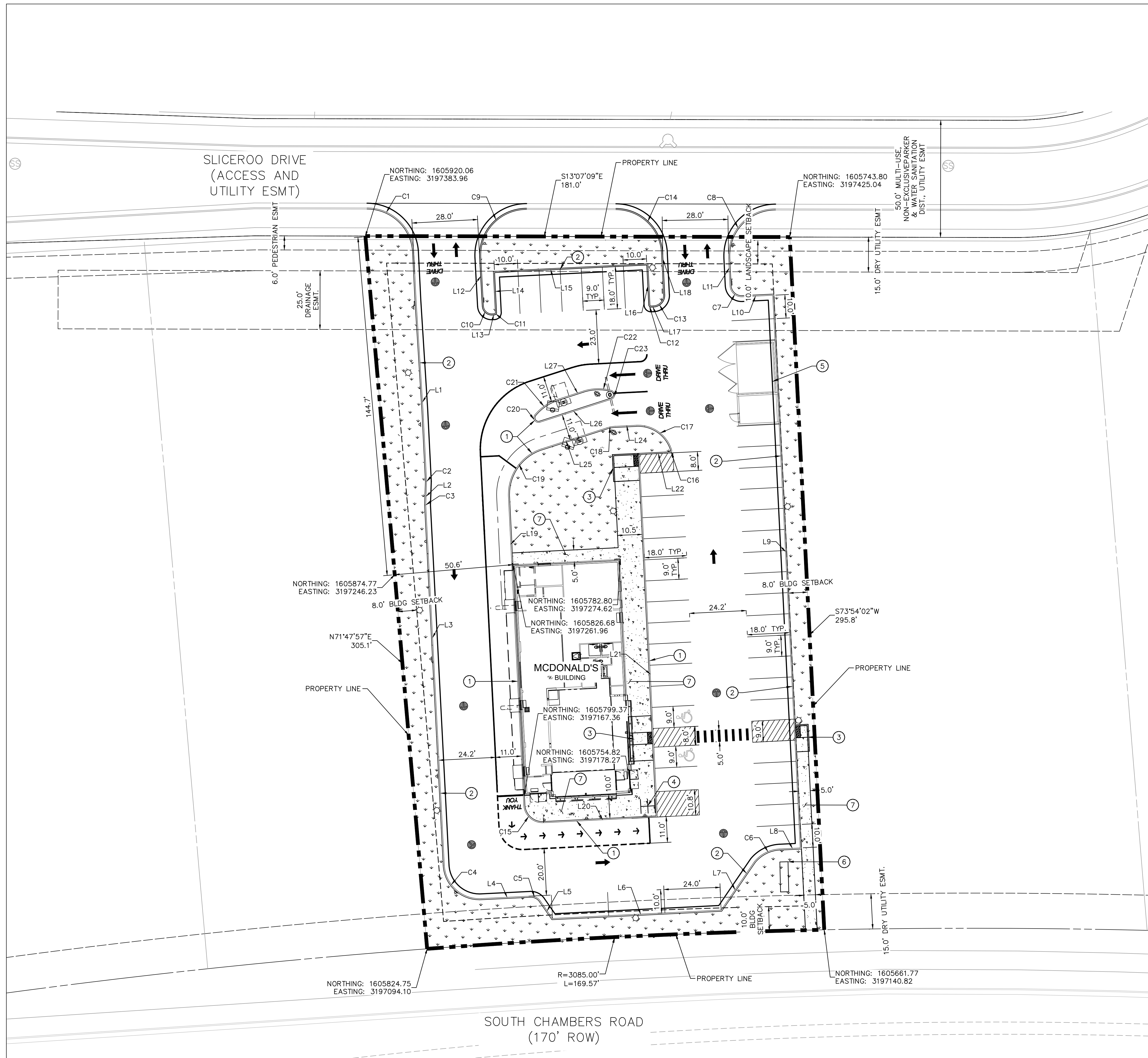
	PROPERTY LINE
	PARCEL LINE
	EASEMENT
	EX. WATER LINE
	EX. SANITARY LINE
	EX. STORM SEWER
	EX. PHONE LINE
	EX. ELECTRIC LINE
	EX. GAS LINE

NOTES:

1. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL EXISTING IMPROVEMENTS TO BE PROTECTED IN PLACE, UNLESS SPECIFICALLY CALLED OUT AS "TO BE REMOVED".

<p>McDonald's USA, LLC</p> <p>PREPARED FOR:</p> <p>McDonald's USA, LLC</p> <p>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the approval of the engineer of record. Use of these drawings on another project is not authorized.</p>	<p>0050785</p>	<p>LOT 3, DOUGLAS 234 FILING NO. 6</p>	<p>EXISTING CONDITIONS AND DEMOLITION PLAN</p>	<p>CONSTRUCTION DOCUMENTS</p>	<p>DATE ISSUED: 07/1/21</p> <p>REVIEWED BY: JRH</p> <p>DATE: 07/1/21</p> <p>STD ISSUE DATE: 07/1/21</p> <p>DRAWN BY: JJM</p>	<p>DATE: 07/1/21</p>	<p>DESCRIPTION</p>	<p>BY:</p>
	<p>0050785</p>	<p>LOT 3, DOUGLAS 234 FILING NO. 6</p>	<p>EXISTING CONDITIONS AND DEMOLITION PLAN</p>	<p>CONSTRUCTION DOCUMENTS</p>	<p>DATE ISSUED: 07/1/21</p> <p>REVIEWED BY: JRH</p> <p>DATE: 07/1/21</p> <p>STD ISSUE DATE: 07/1/21</p> <p>DRAWN BY: JJM</p>	<p>DATE: 07/1/21</p>	<p>DESCRIPTION</p>	<p>BY:</p>





LEGEND

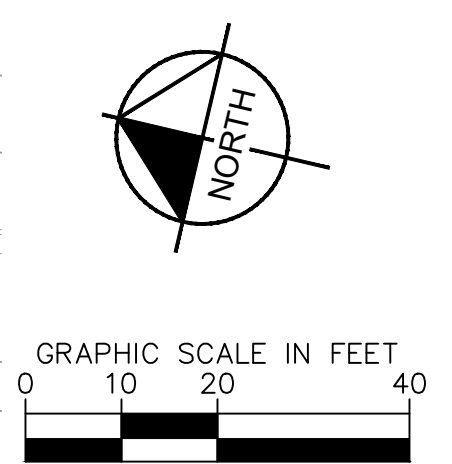
	PROPERTY LINE
	EASEMENT
	SCREEN WALL
	LANDSCAPE (REF. LANDSCAPE PLANS)
	CONCRETE SIDEWALK (REF. PAVEMENT DETAILS ON SHEET C1.4)
	CONCRETE DRIVES, PARKING, AND DRIVE-THRU LANES (REF. PAVEMENT DETAILS ON SHEET C1.4)

- KEYNOTE LEGEND**
- ① PROPOSED 6" WIDE X 6" TALL CURB HEAD (REF. SHEET C1.4 FOR DETAIL)
 - ② PROPOSED VERTICAL CURB AND GUTTER SECTION PER TOWN OF PARKER STD. DTL. 3
 - ③ PROPOSED MIBLOCK CURB RAMP PER TOWN OF PARKER STD. DTL. 17
 - ④ PROPOSED BIKE PARKING (3 SPACES)
 - ⑤ PROPOSED TRASH ENCLOSURE AND SHED
 - ⑥ PROPOSED MONUMENT SIGN
 - ⑦ PROPOSED SIDEWALK PER TOWN OF PARKER STD. DTL. 4

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____



TITLE	CONSTRUCTION DOCUMENTS	DATE	REV	DATE	DESCRIPTION
	HORIZONTAL CONTROL PLAN				
PREPARED FOR:	McDonald's USA, LLC				
PREPARED BY:	Kimley-Horn & Associates, Inc.				
DRAWN BY:	JJM	DATE	07/1/21	REVIEWED BY:	JRH
STD ISSUE DATE:	07/1/21	DATE ISSUED:	07/1/21		
SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6					
C1.3					

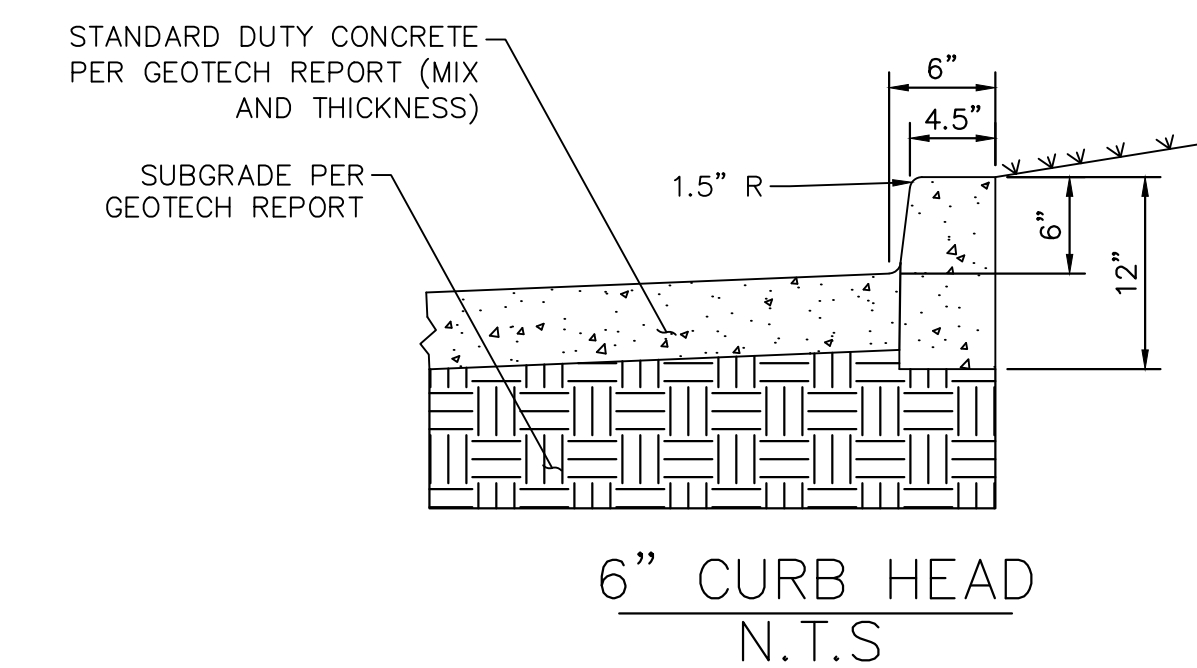
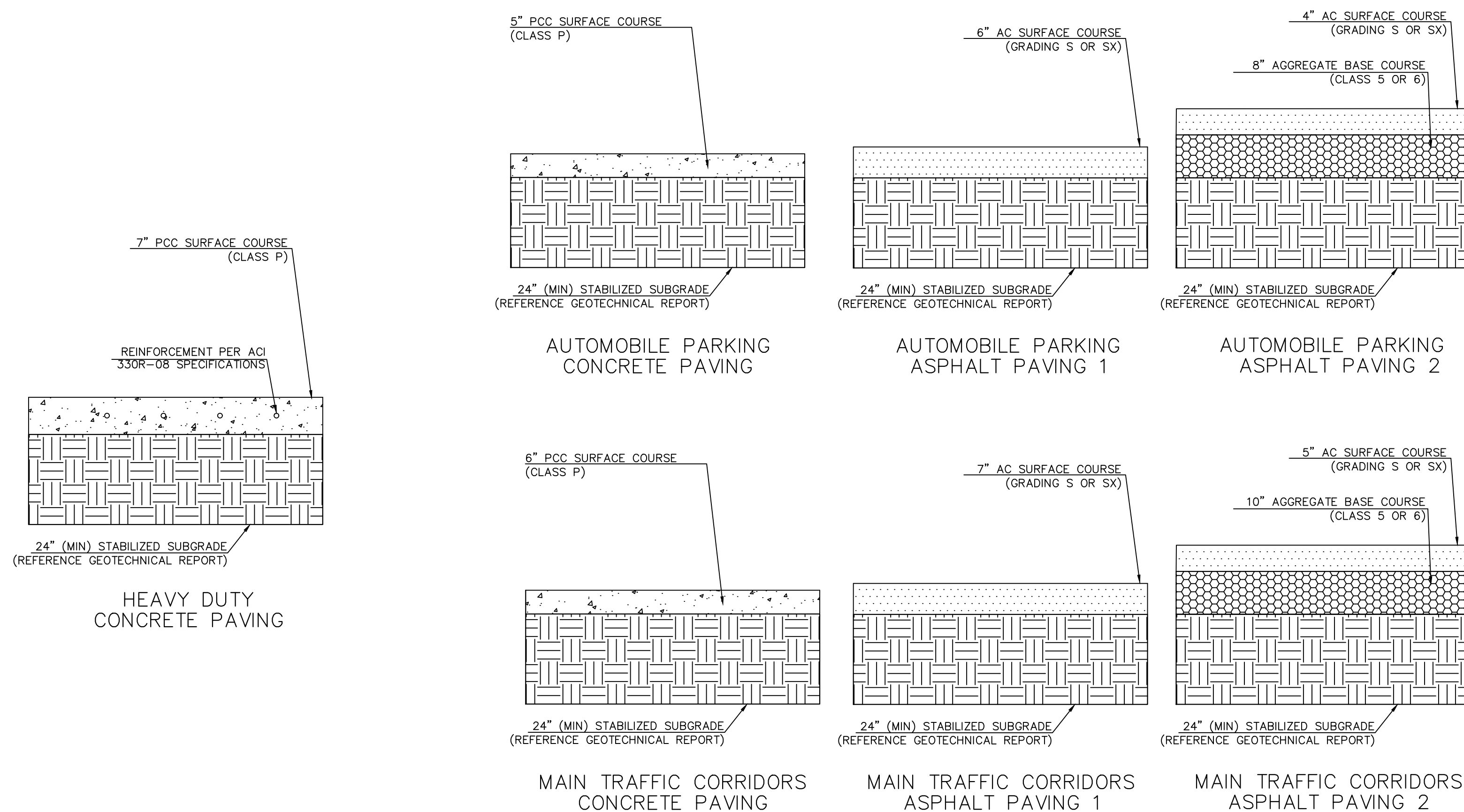


LINE TABLE		
LINE	LENGTH	BEARING
L1	46.00	N73°07'26.24"E
L2	9.95	N78°43'24.19"E
L3	153.26	N73°48'01.62"E
L4	20.94	N16°05'58.03"W
L5	9.02	N41°53'42.59"E
L6	71.99	N16°05'58.03"W
L7	24.94	N68°47'29.23"W
L8	8.73	N16°05'58.04"W
L9	236.00	S73°54'01.96"W
L10	13.00	S16°05'58.04"E
L11	11.78	S73°54'01.96"W
L12	20.70	S73°39'45.06"W
L13	0.94	S16°05'58.03"E
L14	17.03	N73°54'01.97"E
L15	65.00	S16°05'58.03"E
L16	17.03	S73°54'01.97"W
L17	1.00	S16°05'58.04"E
L18	17.79	N73°54'01.96"E
L19	131.48	S73°54'03.28"W
L20	48.67	S16°05'58.03"E

LINE TABLE		
LINE	LENGTH	BEARING
L21	154.81	N73°54'01.96"E
L22	12.90	S16°05'59.35"E
L24	9.86	N16°05'59.27"W
L25	29.06	N31°05'59.26"W
L26	32.00	S31°05'59.26"E
L27	11.51	N31°05'59.26"W

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	20.00'	30.38'	N30°23'27"E	27.54'	87°01'11"	18.99'
C2	1.00'	0.08'	N76°18'43"E	0.08'	4°49'22"	0.04'
C3	1.00'	0.09'	N76°15'43"E	0.09'	4°55'23"	0.04'
C4	15.02'	24.10'	N29°54'17"E	21.60'	91°57'08"	15.54'
C5	5.00'	5.06'	N12°53'52"E	4.85'	57°59'41"	2.77'
C6	15.00'	12.59'	N40°08'25"W	12.22'	48°04'55"	6.69'
C7	5.00'	7.85'	S28°54'02"W	7.07'	90°00'00"	5.00'
C8	20.00'	32.46'	N59°36'33"W	29.01'	92°58'49"	21.07'
C9	20.00'	32.54'	N59°43'42"W	29.07'	93°13'06"	21.16'
C10	4.00'	6.27'	S28°46'54"W	5.65'	89°45'43"	3.98'
C11	1.00'	1.57'	S61°05'58"E	1.41'	90°00'00"	1.00'
C12	1.00'	1.57'	S28°54'02"W	1.41'	90°00'00"	1.00'
C13	5.00'	7.85'	S61°05'58"E	7.07'	90°00'00"	5.00'
C14	20.00'	30.38'	N30°23'27"E	27.54'	87°01'11"	18.99'
C15	8.00'	12.57'	S28°54'03"W	11.31'	90°00'01"	8.00'
C16	1.00'	1.82'	S68°16'23"E	1.58'	104°20'47"	1.29'
C17	15.09'	18.81'	N23°43'18"E	17.62'	71°25'28"	10.85'
C18	15.00'	3.93'	N23°35'59"W	3.92'	15°00'00"	1.97'
C19	20.50'	26.86'	N68°38'21"W	24.98'	75°04'44"	15.75'
C20	2.00'	5.14'	S42°34'54"W	3.84'	147°21'47"	6.83'

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C21	21.00'	11.96'	N47°25'06"W	11.80'	32°38'13"	6.15'
C22	21.00'	11.96'	N14°46'53"W	11.80'	32°38'13"	6.15'
C23	2.00'	5.14'	N75°13'07"E	3.84'	147°21'47"	6.83'

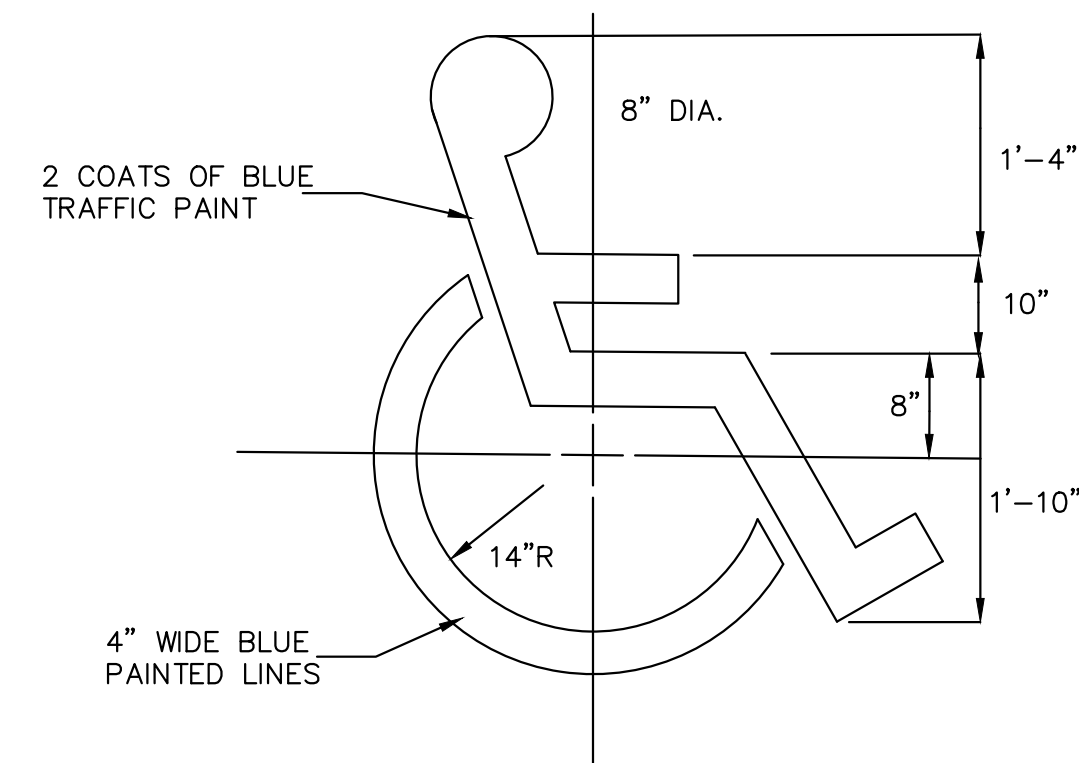


PAVING DETAILS
N.T.S.

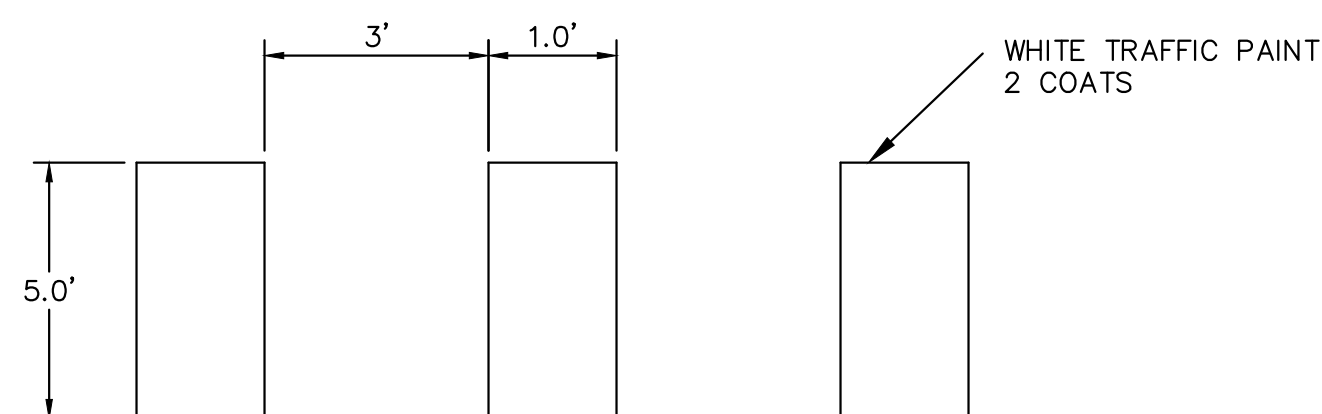
NOTE: FOR CONCRETE SIDEWALKS, 3/4" W X 1" D DEEP SAWCUT CONTROL JOINTS SHALL BE PLACED AT 5' TYPICAL SPACING. APPLY 3/4" THICK PREFORMED EXPANSION JOINT MATERIAL AT 20' TYPICAL SPACING AND AT BUILDING FACE.

REFERENCE GEOTECHNICAL ENGINEERING REPORT (TERRACON PROJECT NO. 25205129) PREPARED BY TERRACON CONSULTANTS, INC., DATED SEPTEMBER 24, 2020.

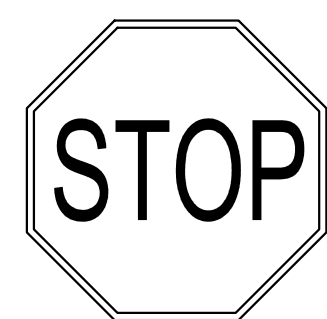
PREPARED BY: Kimley»Horn		DATE	DESCRIPTION
PREPARED FOR: McDonald's USA, LLC		REV	BY
<p>PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION</p> <p>Kimley»Horn Kimley-Horn and Associates, Inc.</p>			
<p>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the the contract documents for reuse on another project is not authorized.</p>			
TITLE	CONSTRUCTION DOCUMENTS		
DESCRIPTION	LINE AND CURVE TABLES AND PAVEMENT DETAILS		
DRAWN BY: JJM	STD ISSUE DATE: 07/1/21	REVIEWED BY: JRH	DATE ISSUED: 07/1/21
SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6		SITE ID: 0050785	
		C1.4	



HANDICAP SYMBOL
NOT TO SCALE

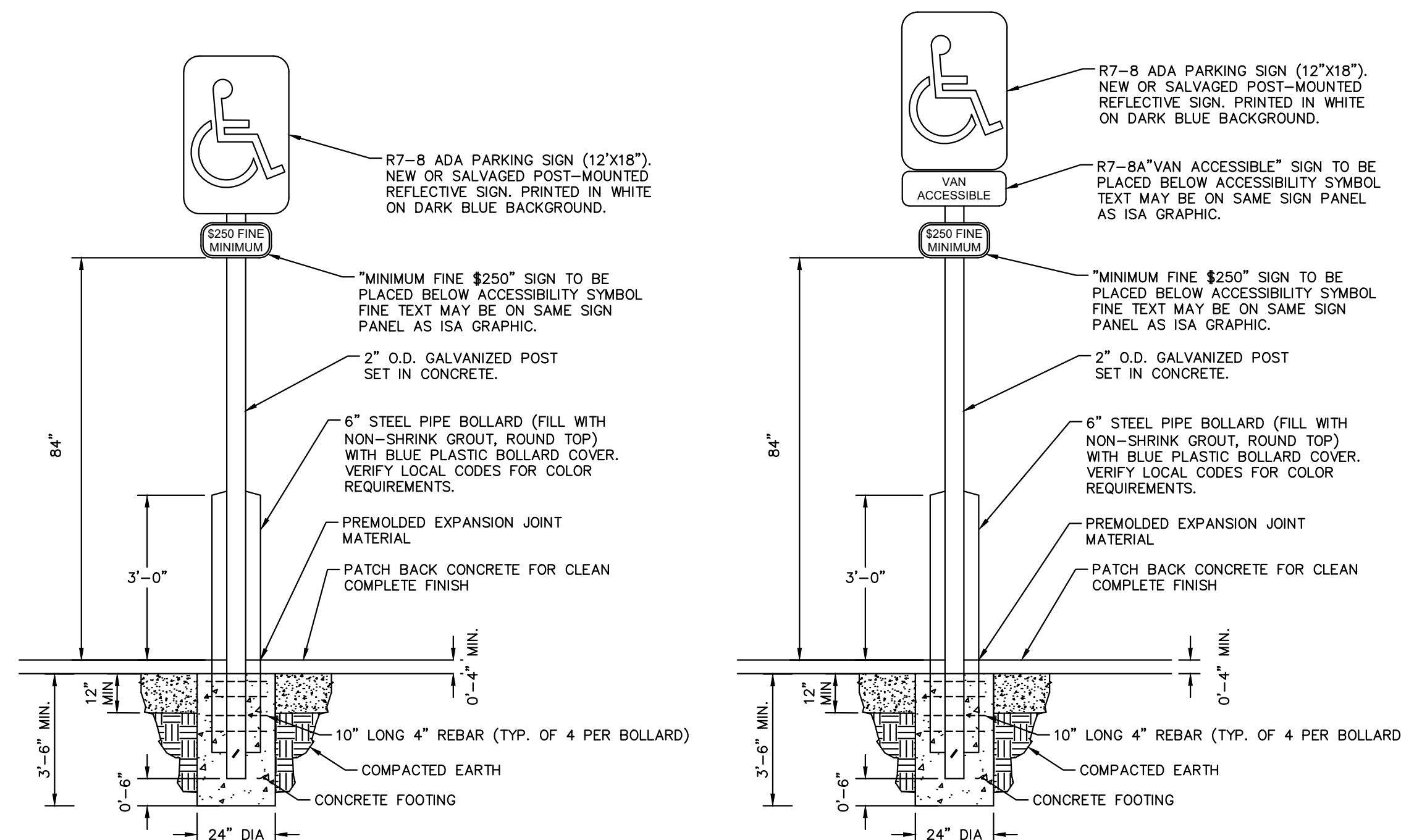


SITE CROSSWALK DETAIL
NOT TO SCALE

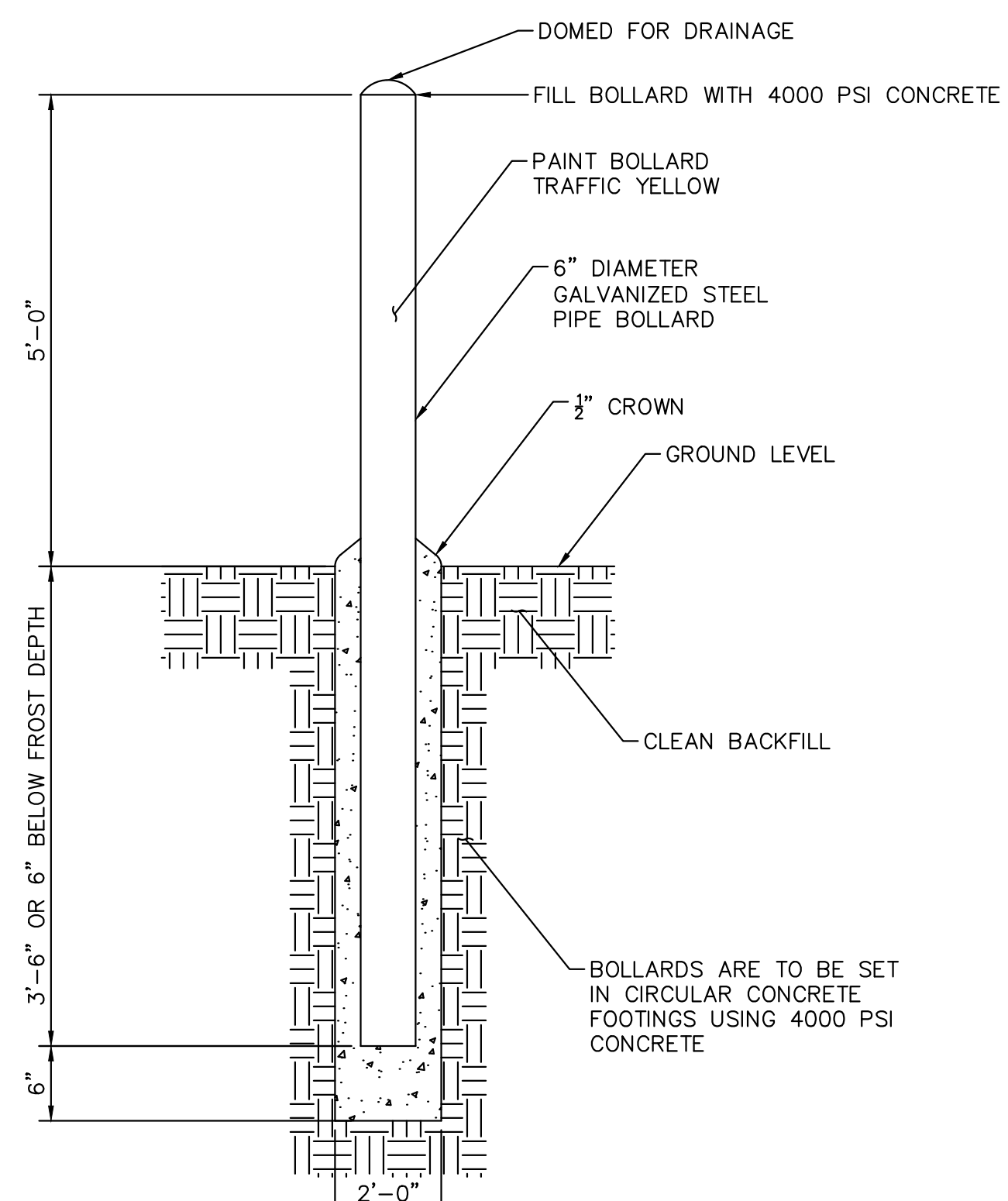


30"x30"
MINIMUM SIZE
BACKGROUND
4090 (3M-WHITE DIAMOND GRADE) OR EQUIVALENT
FOREGROUND
1172 C (3M-RED EC FILM) OR EQUIVALENT

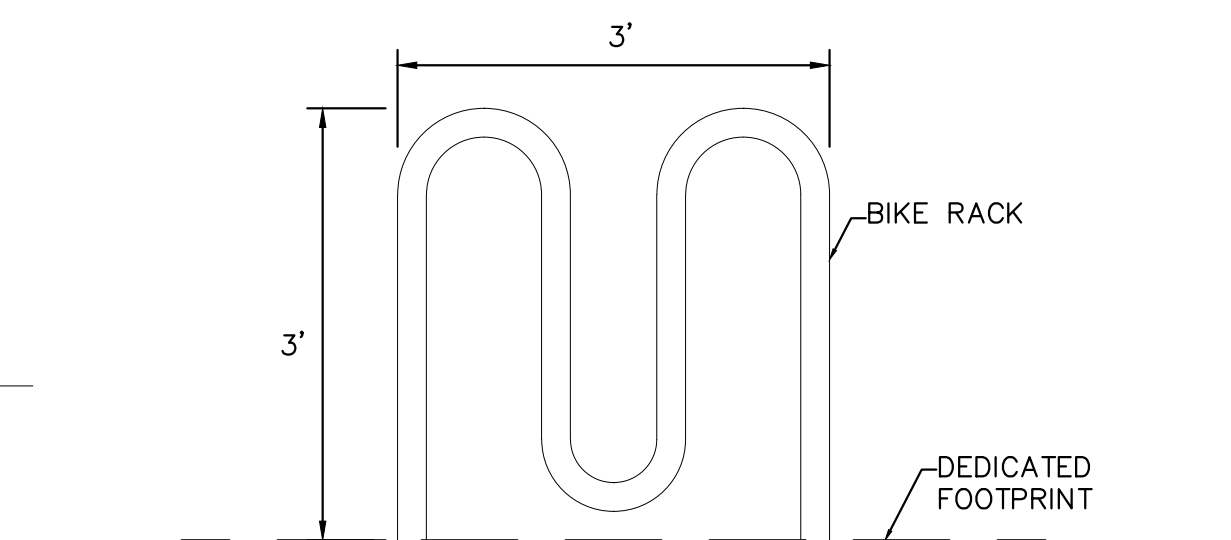
MUTCD R1-1 STOP SIGN DETAIL
NOT TO SCALE



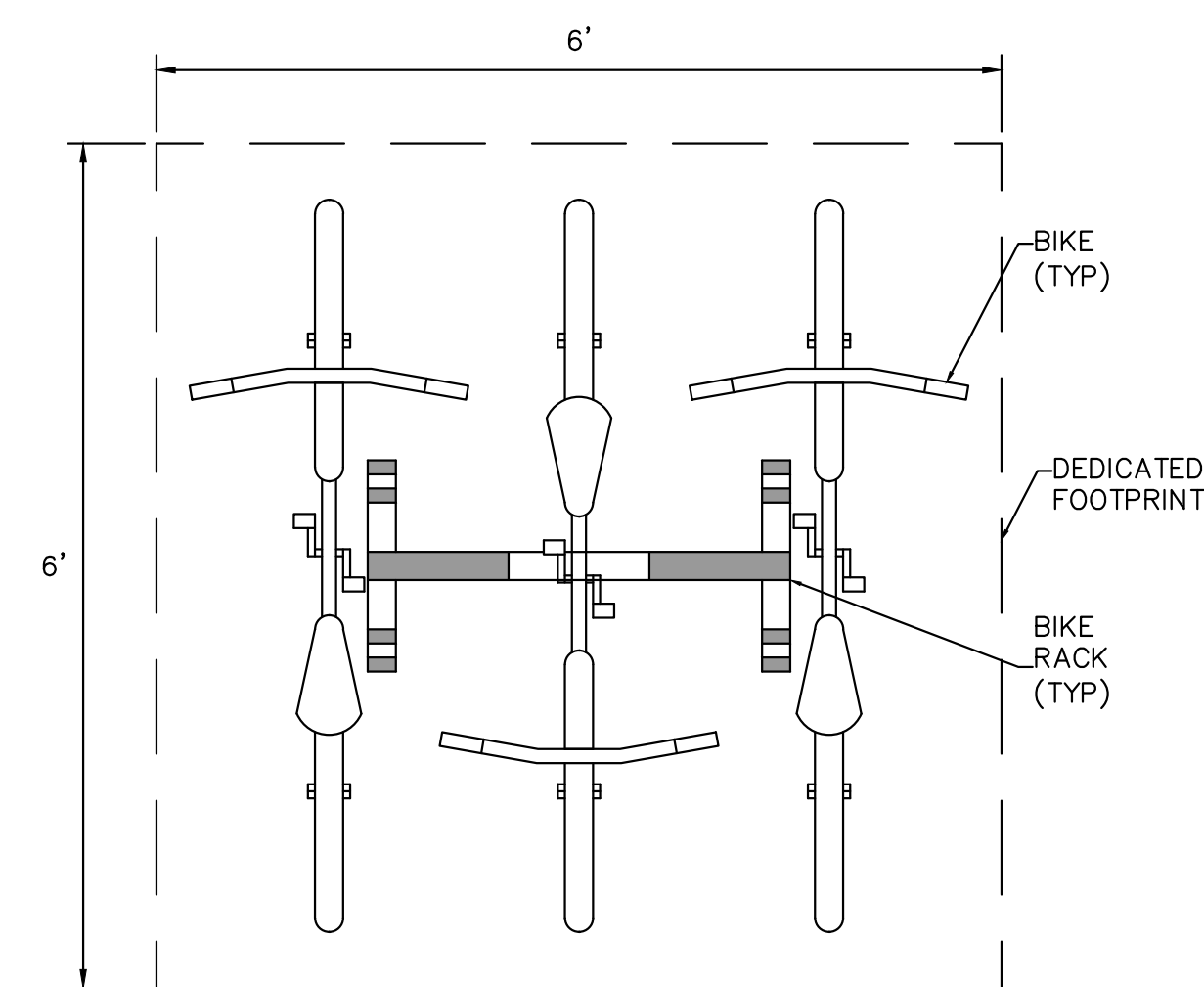
ADA PARKING SIGN DETAILS
NOT TO SCALE



BOLLARD DETAIL
NOT TO SCALE



FRONT ELEVATION



PLAN VIEW

DEDICATED FOOTPRINT FOR 3 BIKE RACK
NOT TO SCALE

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TOWN OF PARKER, DIRECTOR OF ENGINEERING DATE



TITLE	CONSTRUCTION DOCUMENTS	BY	
DESCRIPTION	SIGNAGE AND STRIPING DETAILS	DATE	
SITE ID	0050785	REV	
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6	DESCRIPTION	
PREPARED FOR:	McDonald's USA, LLC		
PREPARED BY:	Kimley-Horn and Associates, Inc.		
DRAWN BY:	JJM		
STD ISSUE DATE:	07/1/21		
REVIEWED BY:	JRH		
DATE ISSUED:	07/1/21		
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<p>PREPARED FOR: McDonald's USA, LLC</p> <p>PROPERTY OF: McDonald's USA, LLC</p> <p>NOT FOR CONSTRUCTION</p> <p>Kimley-Horn and Associates, Inc.</p>			
<p>CONSTRUCTION DOCUMENTS</p>			
<p>SIGNAGE AND STRIPING DETAILS</p>			
<p>0050785</p>			
<p>LOT 3, DOUGLAS 234 FILING NO. 6</p>			
<p>C1.6</p>			

SITE LEGEND

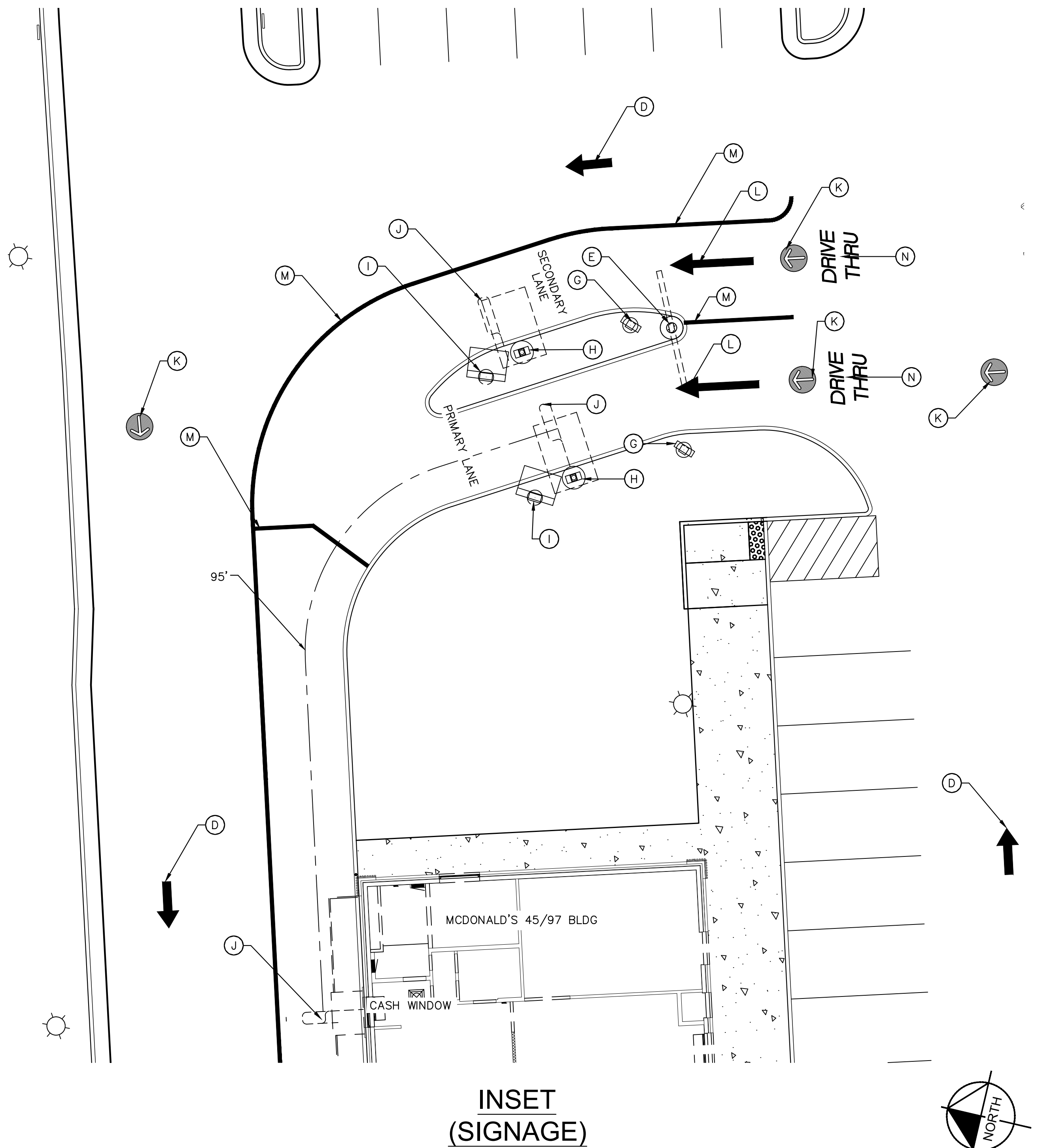
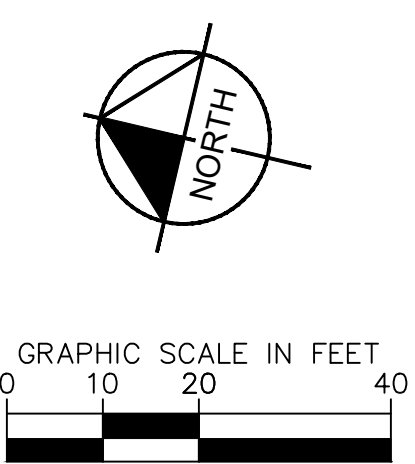
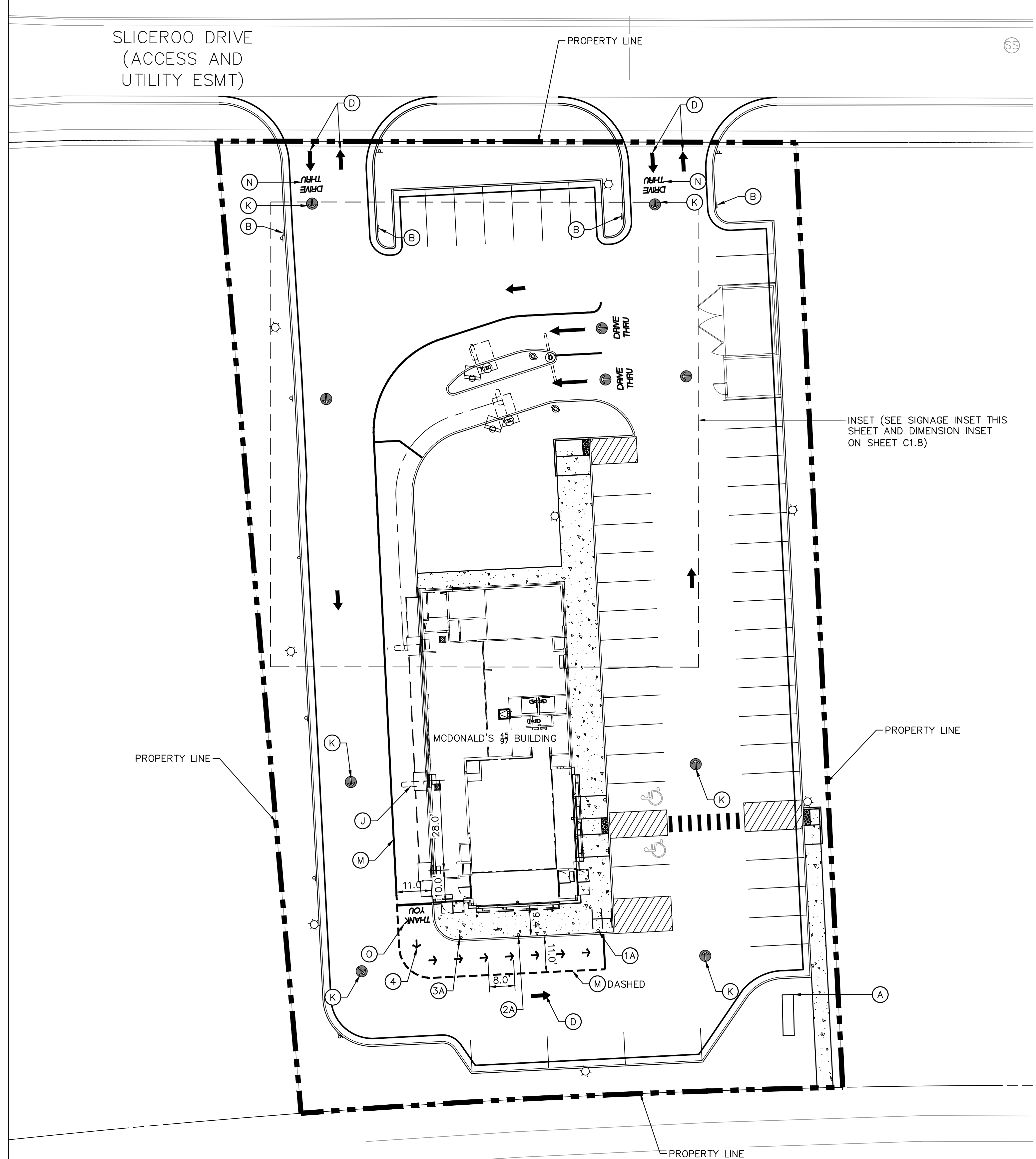
- (A) MONUMENT SIGN
- (B) DIRECTIONAL SIGN
- (D) DIRECTIONAL ARROW, WHITE, REFERENCE SHEET C1.7 FOR DETAIL
- (E) DOUBLE GATEWAY ARM
- (G) PRE-SELL BOARD
- (H) DRIVE-THRU CANOPY WITH BUILT IN COD
- (I) DIGITAL MENU BOARD
- (J) LOOP DETECTOR
- (K) MCDONALD'S STANDARD TRAFFIC ARROW, REFERENCE SHEET C1.8 FOR DETAIL
- (L) MCDONALD'S DRIVE-THRU ARROW, REFERENCE SHEET C1.8 FOR DETAIL
- (M) PMS 123 YELLOW 6" DRIVE-THRU LANE STRIPING
- (N) DRIVE-THRU TEXT STRIPING, REFERENCE SHEET C1.8 FOR DETAIL
- (O) THANK YOU TEXT STRIPING, REFERENCE SHEET C1.8 FOR DETAIL

ROLL FORWARD SITE LEGEND

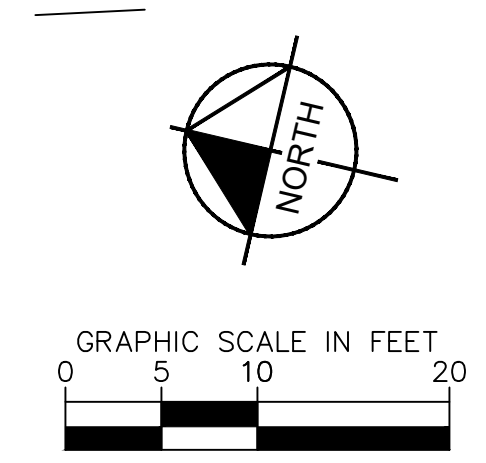
- (1A) ROLL FORWARD PICK UP SIGN
- (2A) ROLL FORWARD PULL AHEAD SIGN
- (3A) ROLL FORWARD LEFT TURN SIGN
- (4) ROLL FORWARD DIRECTIONAL ARROW PAVEMENT STRIPING, YELLOW, REFERENCE DETAIL ON SHEET C1.7

LEGEND

- PROPERTY LINE
- - - EASEMENT
- ▬ SCREEN WALL
- ▨ CONCRETE

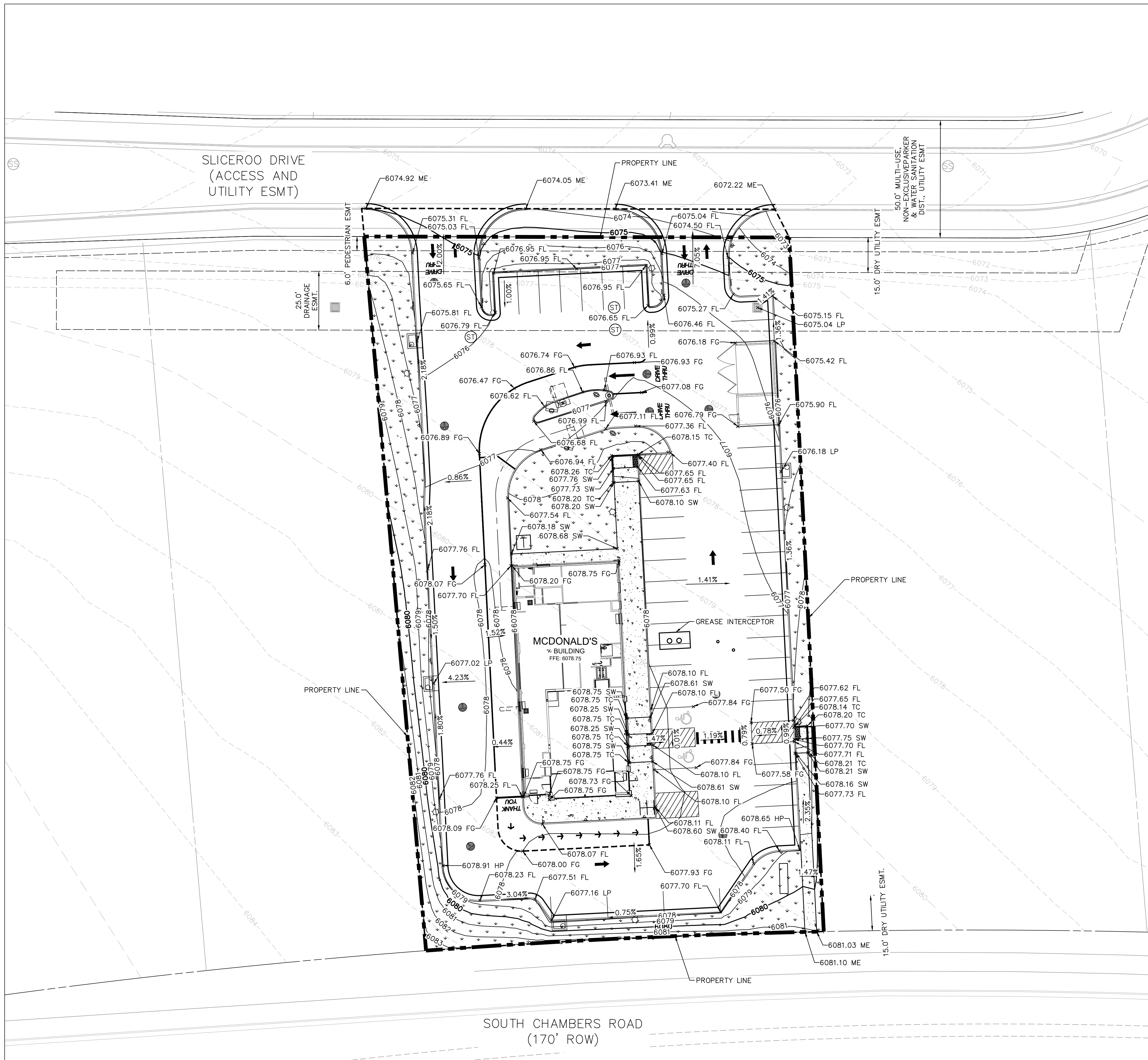


INSET (SIGNAGE)



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<p>TITLE: CONSTRUCTION DOCUMENTS</p>	<p>DRAWN BY: JJM</p> <p>STD ISSUE DATE: 07/1/21</p>	<p>REVIEWED BY: JRH</p> <p>DATE ISSUED: 07/1/21</p>	<p>REV. DATE</p>	<p>DESCRIPTION</p>	<p>BY</p>
<p>DESCRIPTION: MCDONALD'S SIGNAGE AND DRIVE-THRU</p>	<p>SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6</p>	<p>0050785</p>	<p>REV. DATE</p>	<p>DESCRIPTION</p>	<p>BY</p>
<p>C1.7</p>	<p>0050785</p>	<p>07/1/21</p>	<p>REV. DATE</p>	<p>DESCRIPTION</p>	<p>BY</p>





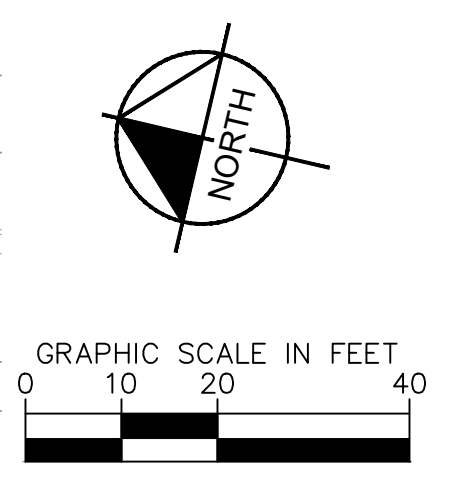
LEGEND

- PROPERTY LINE
- - - - - LIMITS OF GRADING/DISTURBANCE
- - - - - EASEMENT
- ▬▬▬▬▬▬ SCREEN WALL
- AR — ACCESSIBLE ROUTE
- - - - - 5430 — EXISTING MAJOR CONTOUR
- - - - - 5431 — EXISTING MINOR CONTOUR
- 5430 — PROPOSED MAJOR CONTOUR
- - - - - 5431 — PROPOSED MINOR CONTOUR
- ▬▬▬▬▬▬ LANDSCAPE
- ▬▬▬▬▬▬ CONCRETE SIDEWALK
- FL — FLOWLINE
- FG — FINISHED GRADE
- FFE — FINISH FLOOR ELEVATION
- SW — SIDEWALK
- ME — MATCH EXISTING
- LP — LOW POINT
- HP — HIGH POINT

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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____



TITLE	CONSTRUCTION DOCUMENTS	DATE	REV	DATE	DESCRIPTION
DESCRIPTION	GRADING PLAN	DATE ISSUED			
SITE ID	0050785	SITE ADDRESS			
		LOT 3, DOUGLAS 234 FILING NO. 6			
					BY

Kimley»Horn

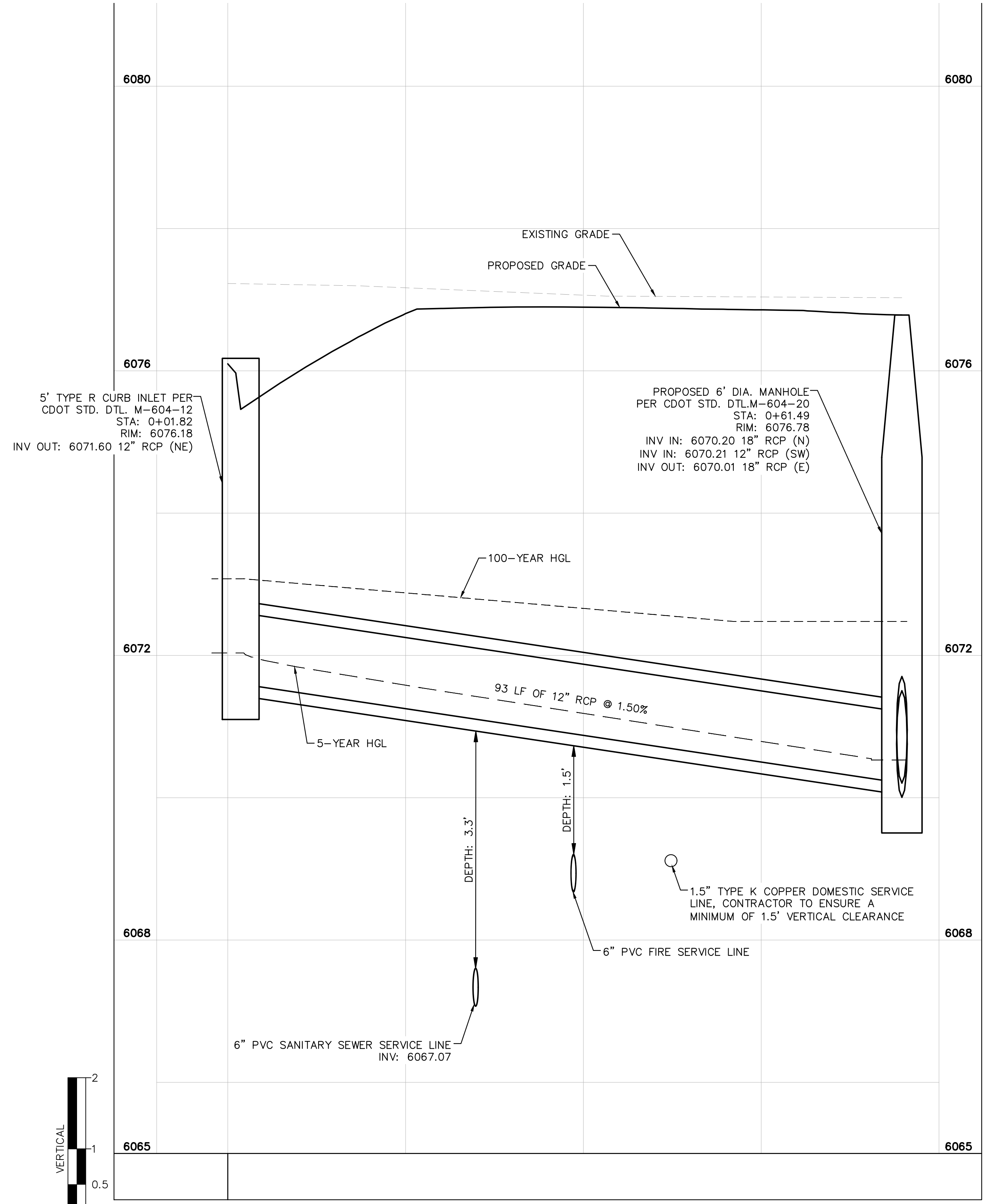
PREPARED FOR:
McDonald's USA, LLC
 PREPARED BY:
 JMM
 STD ISSUE DATE
 07/1/21
 REVIEWED BY:
 JRH
 DATE ISSUED
 07/1/21

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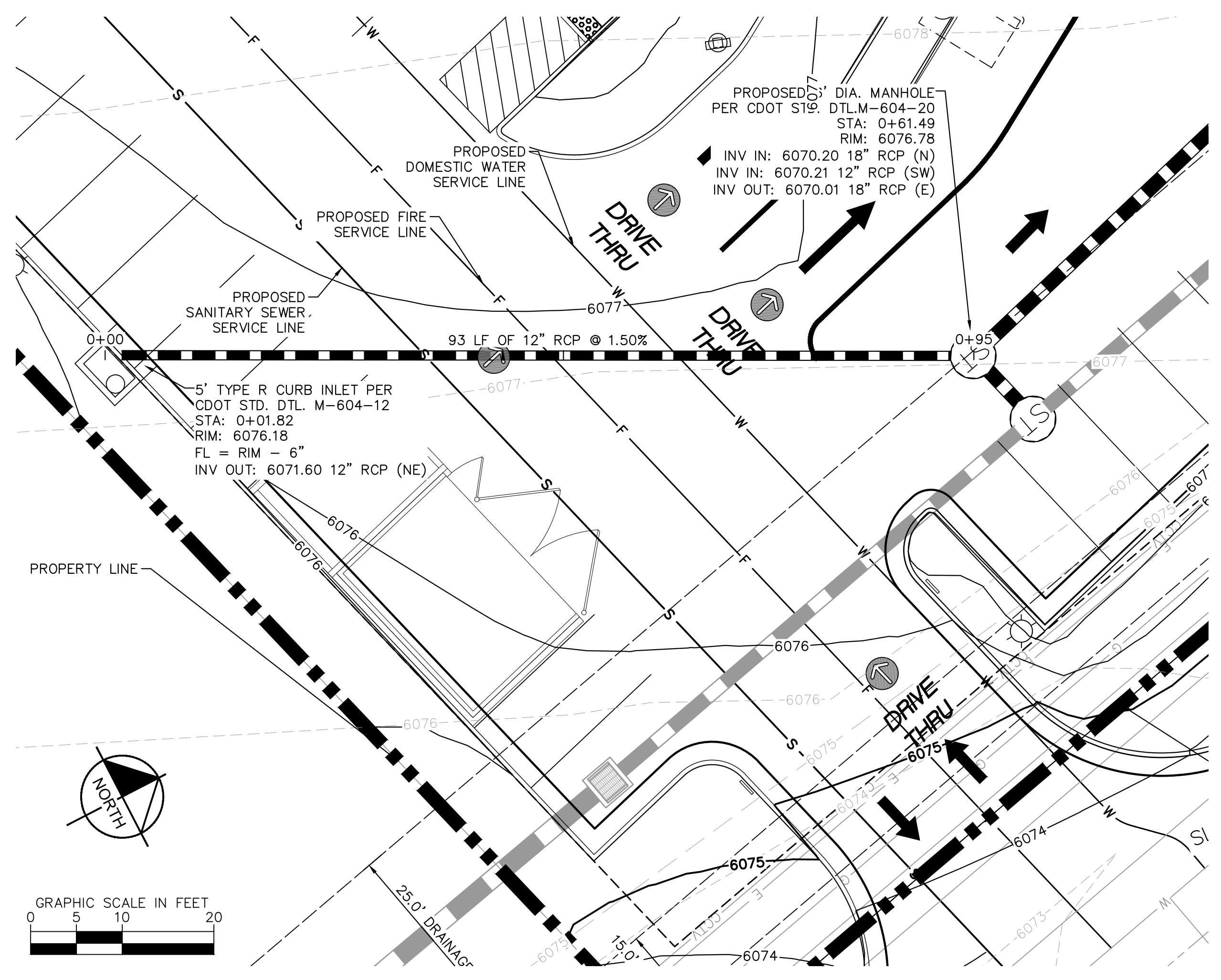
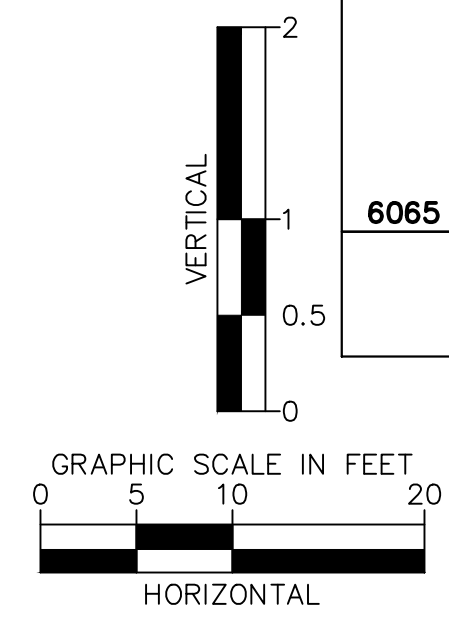


LEGEND

- ▬▬▬▬▬▬ PROPERTY LINE
- - - - - EASEMENT
- - - - - 5430 EXISTING MAJOR CONTOUR
- - - - - 5431 EXISTING MINOR CONTOUR
- 5430 — PROPOSED MAJOR CONTOUR
- 5431 — PROPOSED MINOR CONTOUR
- LANDSCAPE
- CONCRETE
- W EX. WATER LINE
- S EX. SANITARY LINE
- EX. STORM SEWER
- CCTV EX. PHONE LINE
- E EX. ELECTRIC LINE
- G EX. GAS LINE
- W PROP. WATER LINE
- S PROP. SANITARY LINE
- PROP. STORM SEWER
- CCTV PROP. PHONE LINE
- E PROP. ELECTRIC LINE
- G PROP. GAS LINE



STORM SEWER B PROFILE VIEW



STORM SEWER B PLAN VIEW

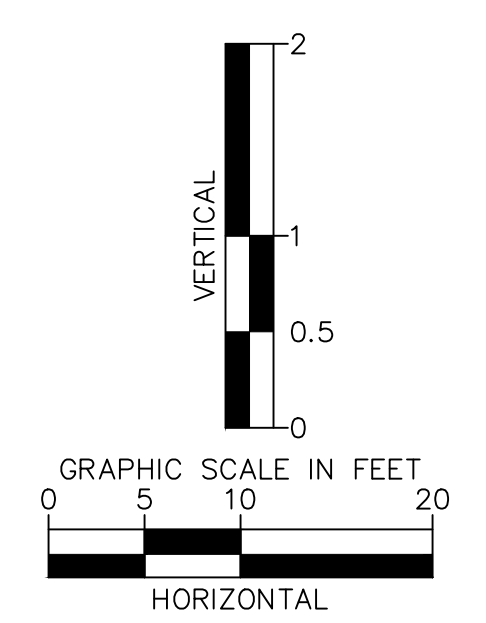
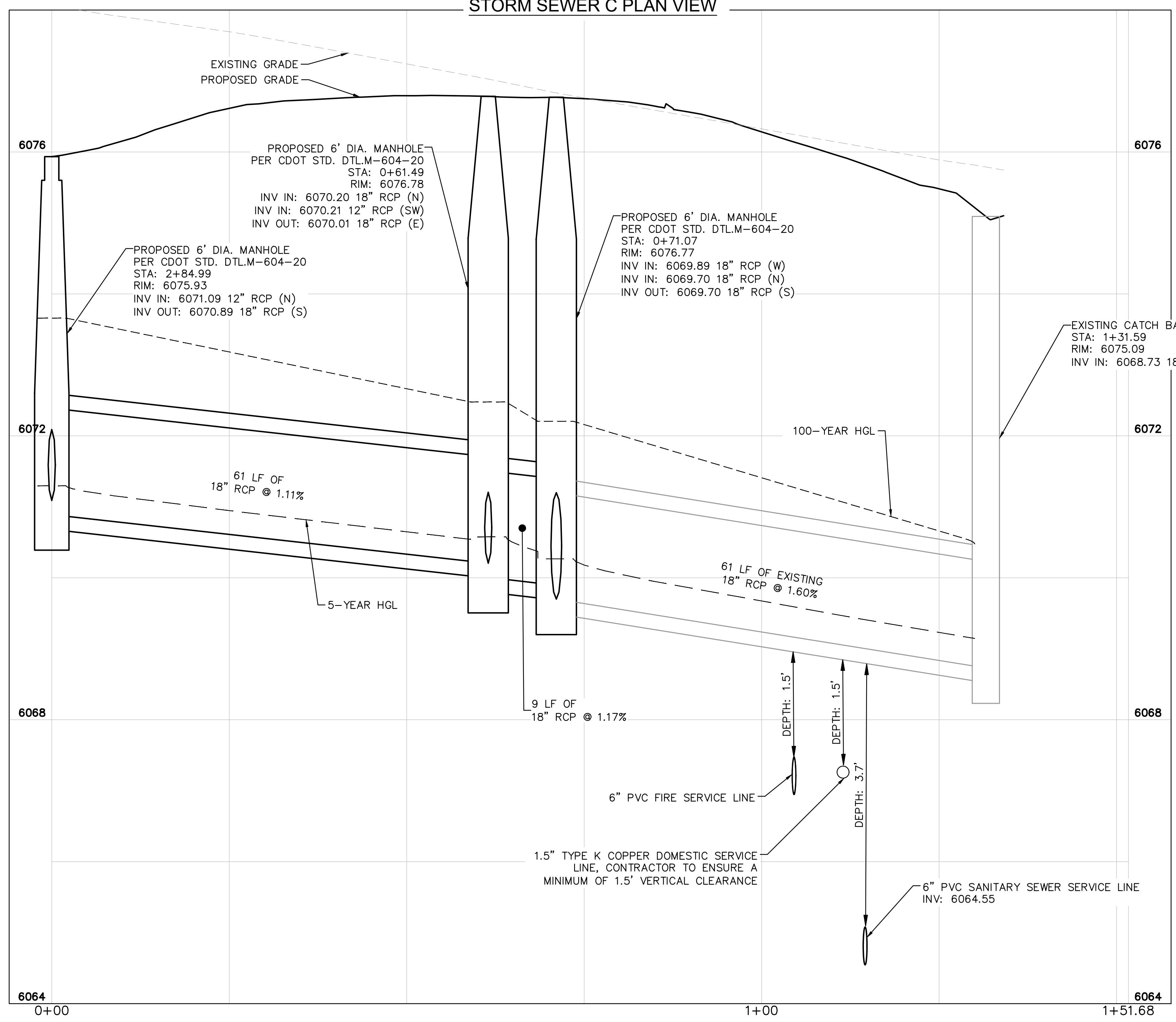
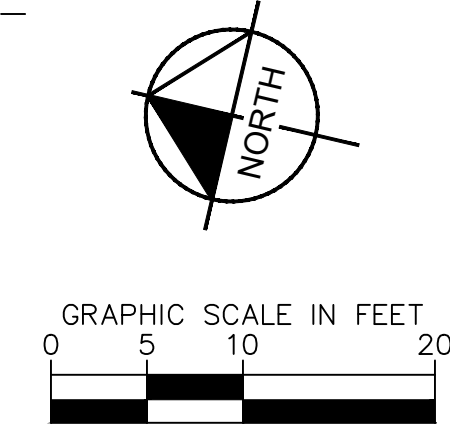
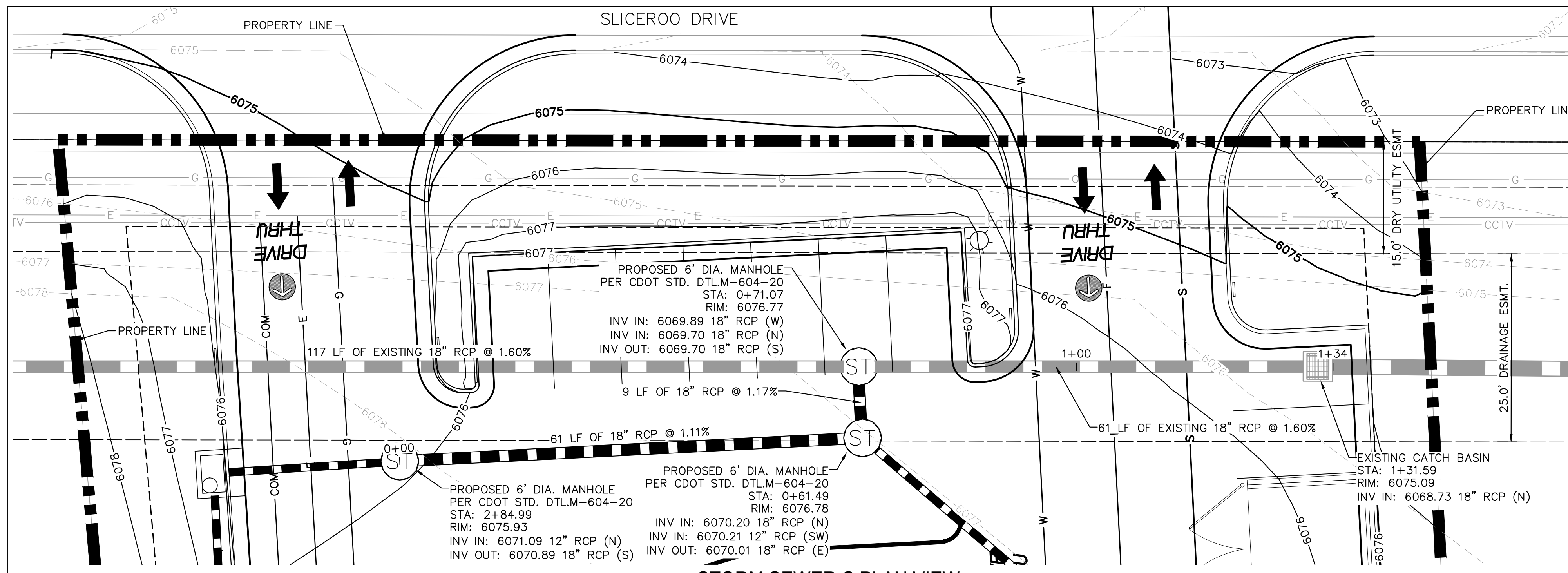
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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

PREPARED BY: Kimley»Horn		REV	DATE	DESCRIPTION	BY
PREPARED FOR: McDonald's USA, LLC					
DRAWN BY: JJM					
STD ISSUE DATE: 07/1/21					
REVIEWED BY: JRH					
DATE ISSUED: 07/1/21					
TITLE: CONSTRUCTION DOCUMENTS					
DESCRIPTION: STORM SEWER B PLAN AND PROFILE VIEW					
SITE ID: 0050785					
SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6					
C1.11					





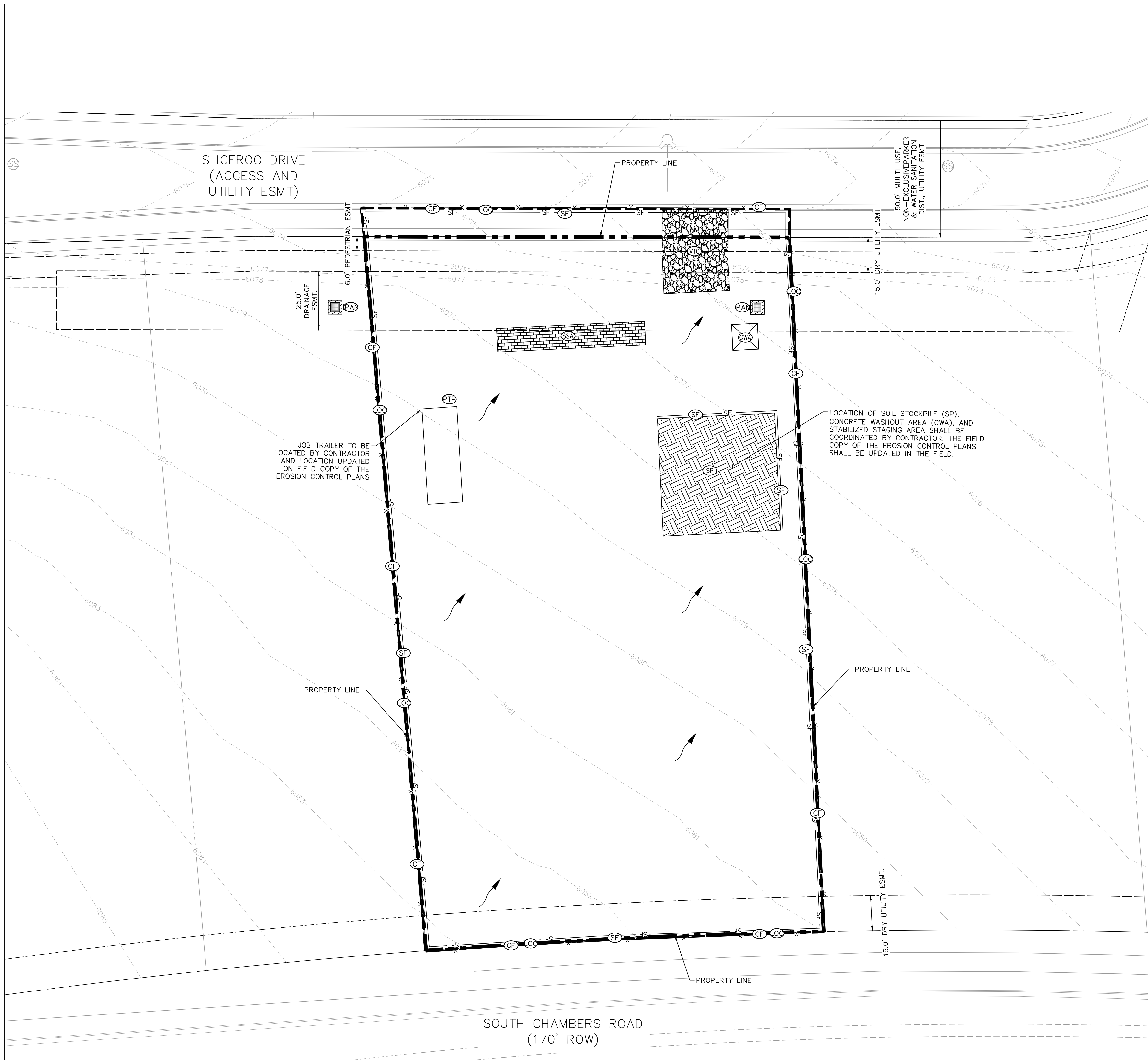
LEGEND

— — — — —	PROPERTY LINE
- - - - -	EASEMENT
- - - - -	EXISTING MAJOR CONTOUR
- - - - -	EXISTING MINOR CONTOUR
— — — — —	5430 PROPOSED MAJOR CONTOUR
— — — — —	5431 PROPOSED MINOR CONTOUR
[Symbol]	LANDSCAPE
[Symbol]	CONCRETE
— — — — —	W EX. WATER LINE
— — — — —	S EX. SANITARY LINE
— — — — —	EX. STORM SEWER
— — — — —	CCTV EX. PHONE LINE
— — — — —	E EX. ELECTRIC LINE
— — — — —	G EX. GAS LINE
— — — — —	W PROP. WATER LINE
— — — — —	S PROP. SANITARY LINE
— — — — —	PROP. STORM SEWER
— — — — —	CCTV PROP. PHONE LINE
— — — — —	E PROP. ELECTRIC LINE
— — — — —	G PROP. GAS LINE

BY	
DESCRIPTION	
DATE	
REV	
Kimley»Horn	
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PREPARED FOR:	McDonald's USA, LLC
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DRAWN BY:	JJM
STD ISSUE DATE:	07/1/21
REVIEWED BY:	JRH
DATE ISSUED:	07/1/21
TITLE	CONSTRUCTION DOCUMENTS
DESCRIPTION	STORM SEWER C PLAN AND PROFILE VIEW
SITE ID	0050785
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6
TOWN OF PARKER, DIRECTOR OF ENGINEERING	DATE
811 Know what's below. Call before you dig.	
C1.12	

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LEGEND

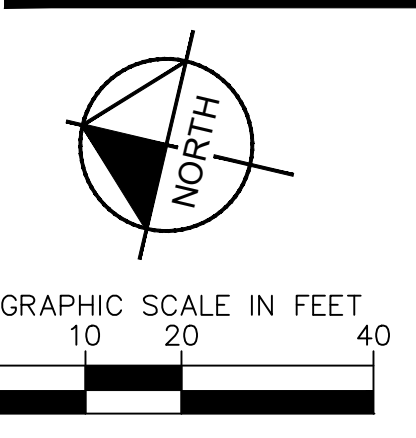
	PROPERTY LINE
	EASEMENT
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	CUT/FILL LINE
	MATCH EXISTING GRADE LINE
	LOC LIMITS OF CONSTRUCTION
	CF CONSTRUCTION FENCE
	SF SILT FENCE
	SSA STABILIZED STAGING AREA
	CWA CONCRETE WASHOUT
	VTC VEHICLE TRACKING CONTROL
	SP SOIL STOCKPILE
	ECB EROSION CONTROL BLANKET
	IPAN INLET PROTECTION
	ICOB INLET PROTECTION
	SS STREET SWEEPING
	FLOW ARROW
	FINAL STABILIZATION. (REFERENCE LANDSCAPING PLANS)

- NOTES**
1. THE INTENT OF THIS PLAN IS TO IDENTIFY THE EROSION CONTROL PRACTICES RECOMMENDED. THE CONTRACTOR SHALL REFERENCE ADDITIONAL CONSTRUCTION PLANS FOR DEMOLITION OF EXISTING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS.
 2. ADJACENT STREETS AND SIDEWALK SHALL BE KEPT CLEAN AND FREE OF SEDIMENT AND/OR DEBRIS AT ALL TIMES. CONTRACTOR SHALL PERFORM STREET SWEEPING AT ALL TIMES DURING ACTIVE TRACKING AND AT A MINIMUM ON A DAILY BASIS AT THE END OF EACH CONSTRUCTION DAY.
 3. TEMPORARY STABILIZATION (TS) SHALL BE IMPLEMENTED WITHIN THE DISTURBED PORTIONS OF THE PROJECT SITE NO LATER THAN 14 DAYS FOLLOWING THE CEASE OF CONSTRUCTION ACTIVITIES WITHIN THE DISTURBED AREAS.
 4. PERMANENT STABILIZATION (PS) MAY BE USED WITHIN AREAS OF TEMPORARY STABILIZATION (TS) AT THE CONTRACTOR'S DISCRETION. STABILIZATION SHALL BE APPLIED IN ACCORDANCE WITH APPLICABLE TEMPORARY STABILIZATION SEQUENCING REQUIREMENTS.
 5. CONTRACTOR SHALL UTILIZE ROLLED EROSION CONTROL PRODUCTS ON ALL SLOPES 3H:1V OR GREATER TO ACHIEVE REQUIRED STABILIZATION.
 6. CONTRACTOR SHALL MAINTAIN ACCEPTABLE EROSION CONTROL PRACTICES WITHIN THE ANTICIPATED LIMITS OF CONSTRUCTION IDENTIFIED HEREIN. BEST MANAGEMENT PRACTICES AND STABILIZATION SHALL BE COMPLETED AS IDENTIFIED HEREIN IN ACCORDANCE WITH OWNER REQUIREMENTS.
 7. ALL WORK IN THE PRIVATE SHARED ACCESS ROW REQUIRES AN AGREEMENT BETWEEN THE SELLER AND MCDONALD'S.
 8. CONTRACTOR SHALL REFER TO THE APPROVED GEOTECHNICAL REPORT FOR OVEREXCAVATION REQUIREMENTS AND ADDITIONAL INFORMATION.
 9. SILT FENCE TO BE INSTALLED PRIOR TO COMMENCEMENT OF ONSITE GRADING AND CONSTRUCTION ACTIVITIES.
 10. DEMOLITION, REMOVAL AND SOIL TREATMENT SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER RECOMMENDATIONS AS NOTED IN THE APPROVED PROJECT GEOTECHNICAL REPORT.
 11. CONTRACTOR TO NOTE PROXIMITY OF EXISTING IMPROVEMENTS ADJACENT TO THE SITE AND PROVIDE NECESSARY MEASURES TO PROTECT ALL FACILITIES AND STRUCTURES IN PLACE.
 12. CONTRACTOR SHALL MAINTAIN STABILIZED STAGING AREA (SSA), VEHICLE TRACKING CONTROL (VTC), AND CONCRETE WASHOUT AREA (CWA) AT THE CONSTRUCTION ENTRANCE AT ALL TIMES. CONTRACTOR SHALL UPDATE THE EROSION CONTROL PLAN IN THE FIELD TO INDICATE THE LOCATION OF THE SSA, VTC, AND CWA Bmps AS EXCAVATION SEQUENCING DICTATES.
 13. CONTRACTOR MAY SUBSTITUTE SEDIMENT CONTROL LOGS (SCL) FOR SILT FENCE (SF) AS PERIMETER CONTROL, DEPENDING UPON SITE CONDITIONS. SCL, AND SF MAY BE INTERCHANGED DEPENDING ON SITE CONDITIONS.
 14. CONTRACTOR SHALL OBTAIN R.O.W. PERMITS FOR ANY R.O.W. CLOSURES.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____



TITLE	CONSTRUCTION DOCUMENTS	DATE	
DESCRIPTION	EROSION CONTROL PHASE 1	DATE	
SITE ID	0050785	DATE	
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6	DATE	
PREPARED BY	McDonald's USA, LLC	DATE	
DRAWN BY	JJM	DATE	
STD ISSUE DATE	07/1/21	DATE	
REVIEWED BY	JRH	DATE	
DATE ISSUED	07/1/21	DATE	
BY		DATE	
DESCRIPTION		DATE	

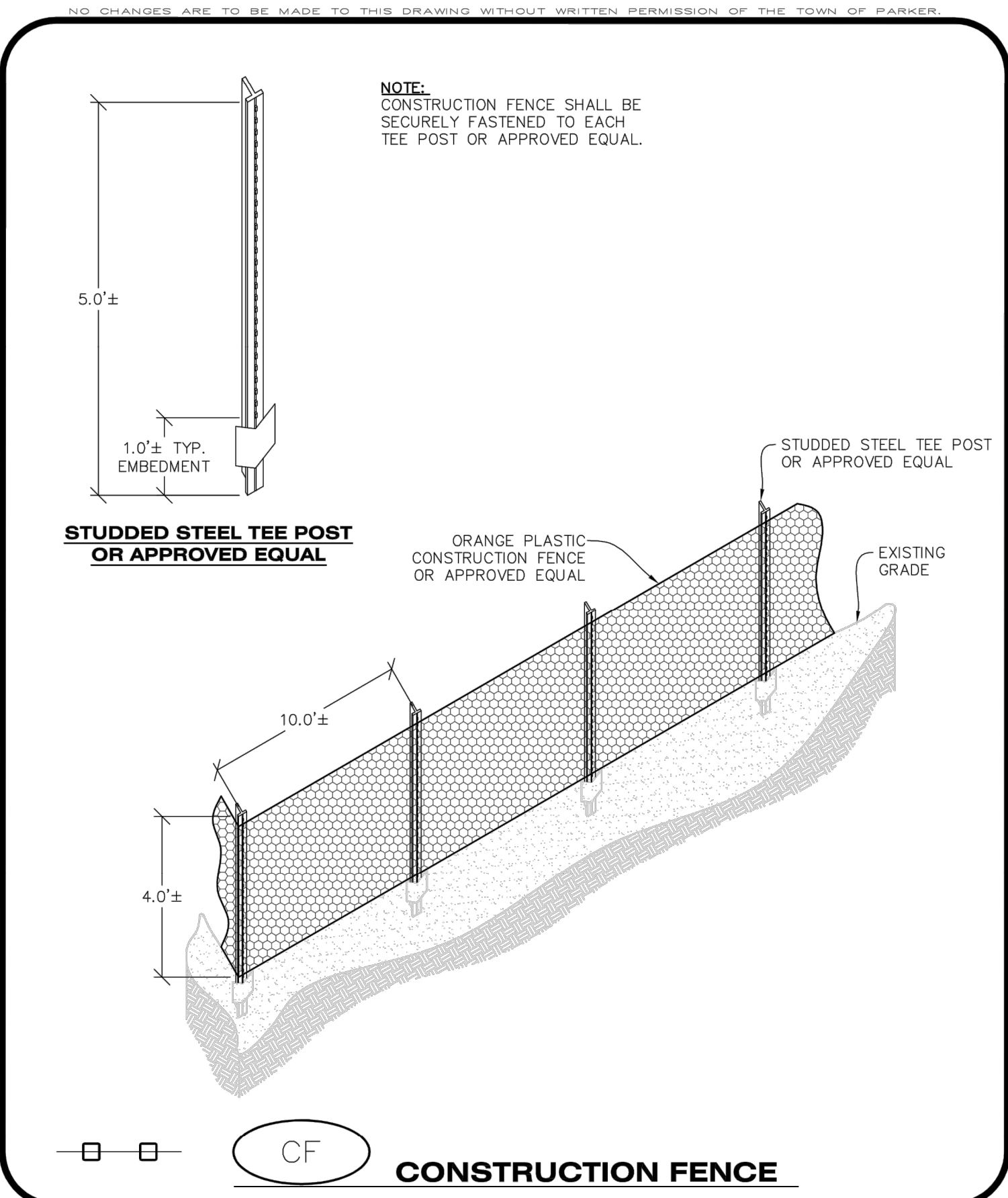
Kimley»Horn

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PREPARED FOR: McDonald's USA, LLC

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Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **CF** | 1 OF 2 | Oct. 2013

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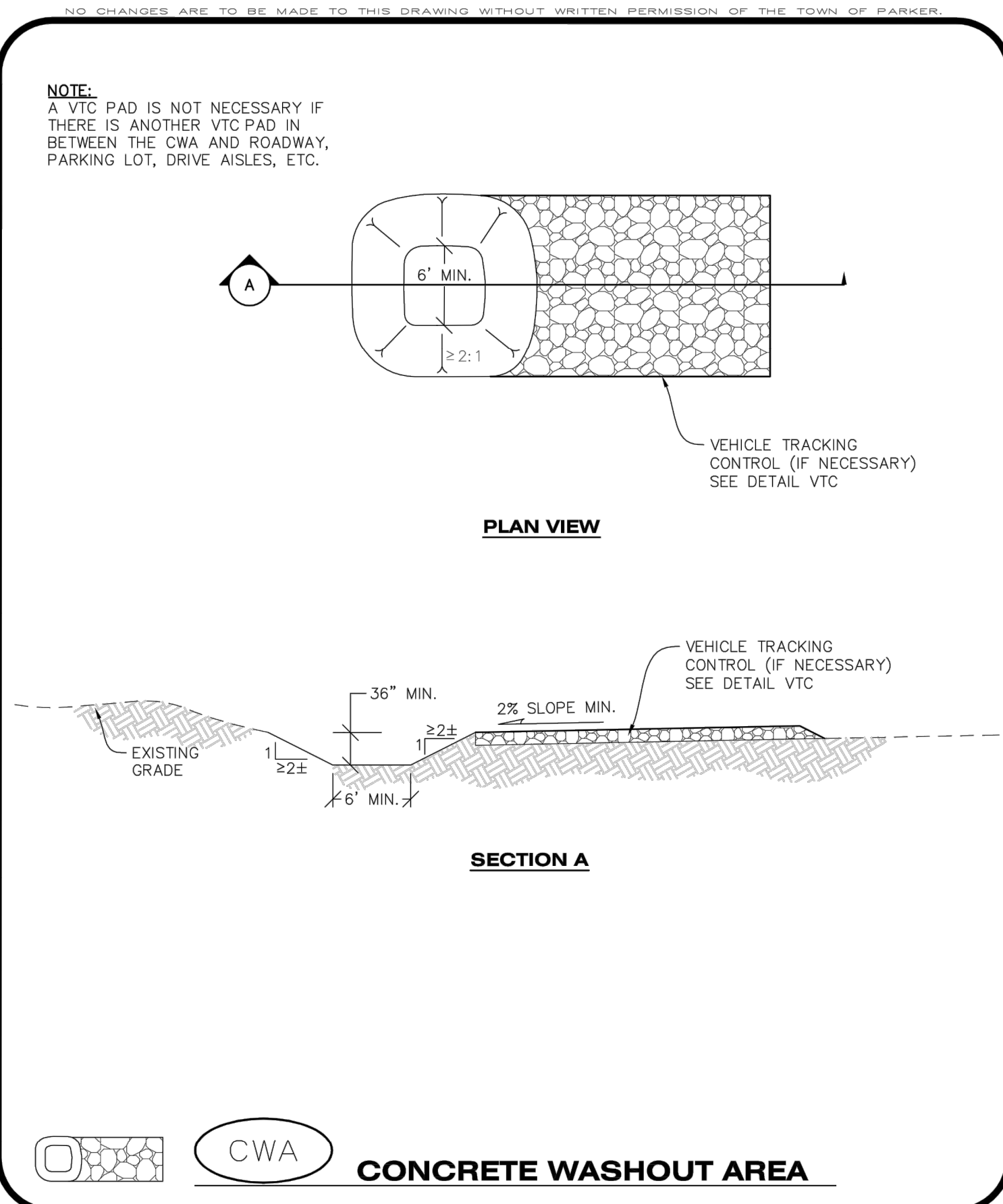
CONSTRUCTION FENCE INSTALLATION NOTES

1. THE CONSTRUCTION FENCE SHALL BE SECURELY FASTENED TO EACH POST OR APPROVED EQUAL.

CONSTRUCTION FENCE INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONSTRUCTION FENCE AND MAKE ANY NECESSARY REPAIRS.
2. CONSTRUCTION FENCE SHALL BE REPAIRED WHEN THE FENCING MATERIAL FALLS OUT OF COMPLIANCE WITH THE NOTES AND DETAILS.

Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **CF** | 2 OF 2 | Oct. 2013



Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **CWA** | 1 OF 2 | Oct. 2013

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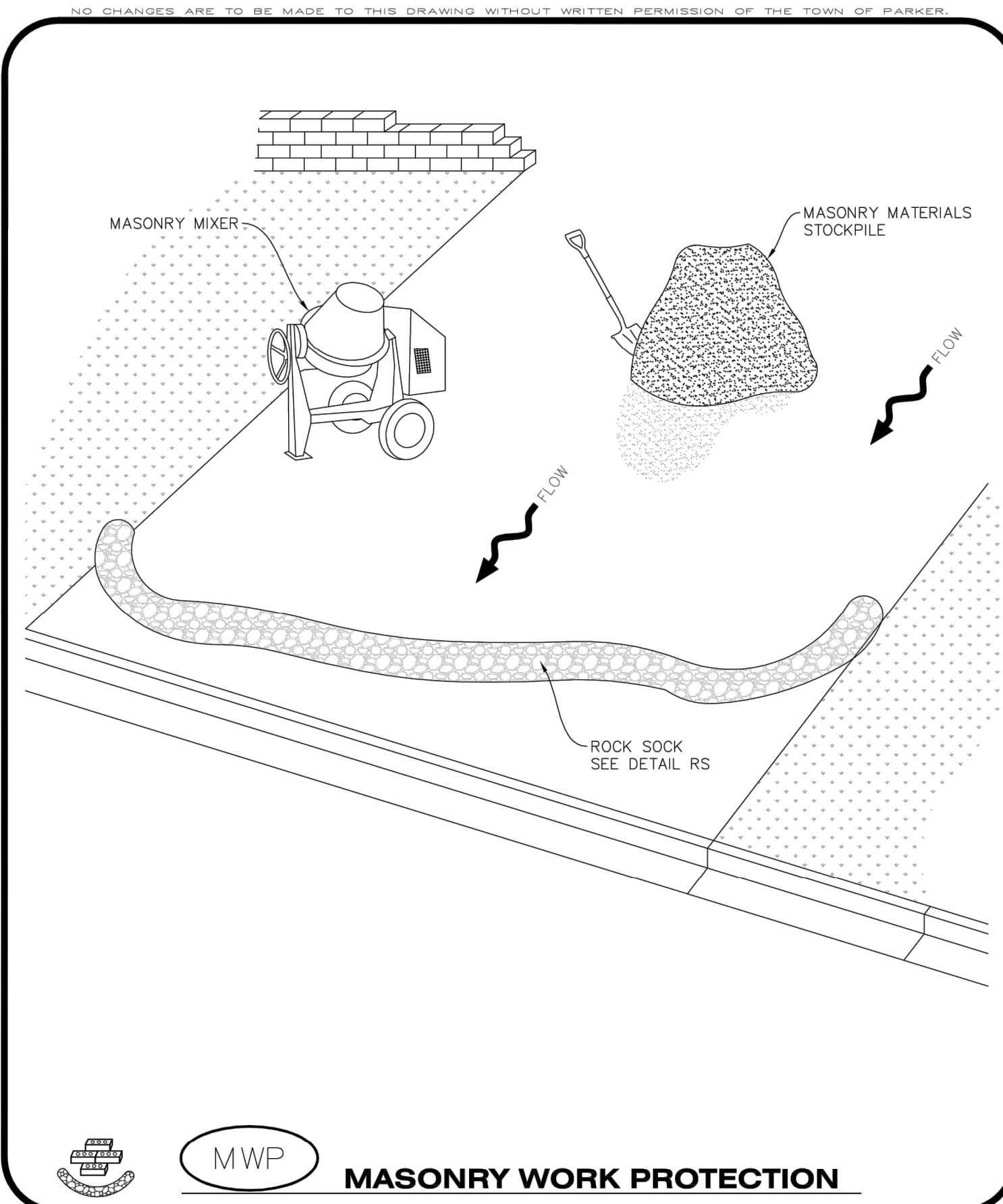
CONCRETE WASHOUT AREA INSTALLATION NOTES

1. CONCRETE WASHOUT AREAS SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT THE ACCESS POINT TO ALL CONCRETE WASHOUT AREAS WHEN NO OTHER VTC PAD EXISTS IN BETWEEN THE CWA AND THE ROADWAY.
3. IF GROUNDWATER IS ENCOUNTERED WHEN DIGGING THE PIT, A NEW LOCATION SHOULD BE SELECTED. IF NO OTHER LOCATION CAN BE FOUND, A ONE-PIECE IMPERVIOUS LINER SHALL BE REQUIRED ALONG THE BOTTOM AND SIDES OF THE SUBSURFACE PIT.

CONCRETE WASHOUT AREA INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONCRETE WASHOUT AREA.
2. CONCRETE WASHOUT MATERIALS SHALL BE REMOVED BEFORE ITS CAPACITY HAS BEEN REACHED.
3. CONCRETE WASHOUT AREAS SHALL BE ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE AND ASSOCIATED WASH WATER.
4. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE AS NECESSARY TO ENSURE ADEQUATE CAPACITY.
5. CONCRETE WASHOUT AREAS SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
6. WHEN CONCRETE WASHOUT AREAS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED BACKFILL AND TOPSOIL, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CONCRETE WASHOUT AREAS SHALL BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **CWA** | 2 OF 2 | Oct. 2013



Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **MWP** | 1 OF 2 | Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

MASONRY WORK PROTECTION INSTALLATION NOTES

1. MASONRY WORK PROTECTION MAY NEED TO BE INSTALLED WHEN MASONRY WORK AND MIXING IS OCCURRING.
2. A ROCK SOCK SHALL BE INSTALLED IN A CRESCENT SHAPE ON THE DOWNHILL SIDE OF THE MASONRY WORK AND MIXER.
3. CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
4. ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
5. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.

MASONRY WORK PROTECTION INSPECTION AND MAINTENANCE NOTES

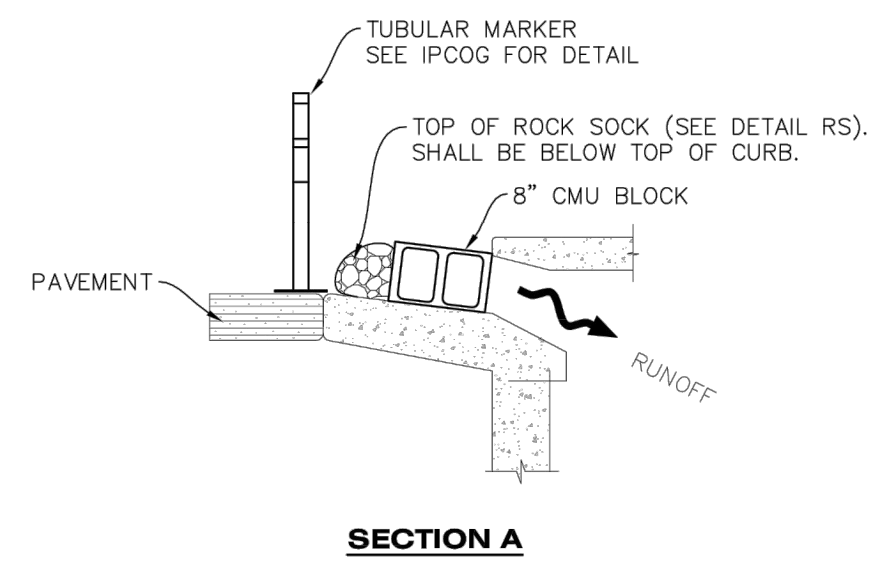
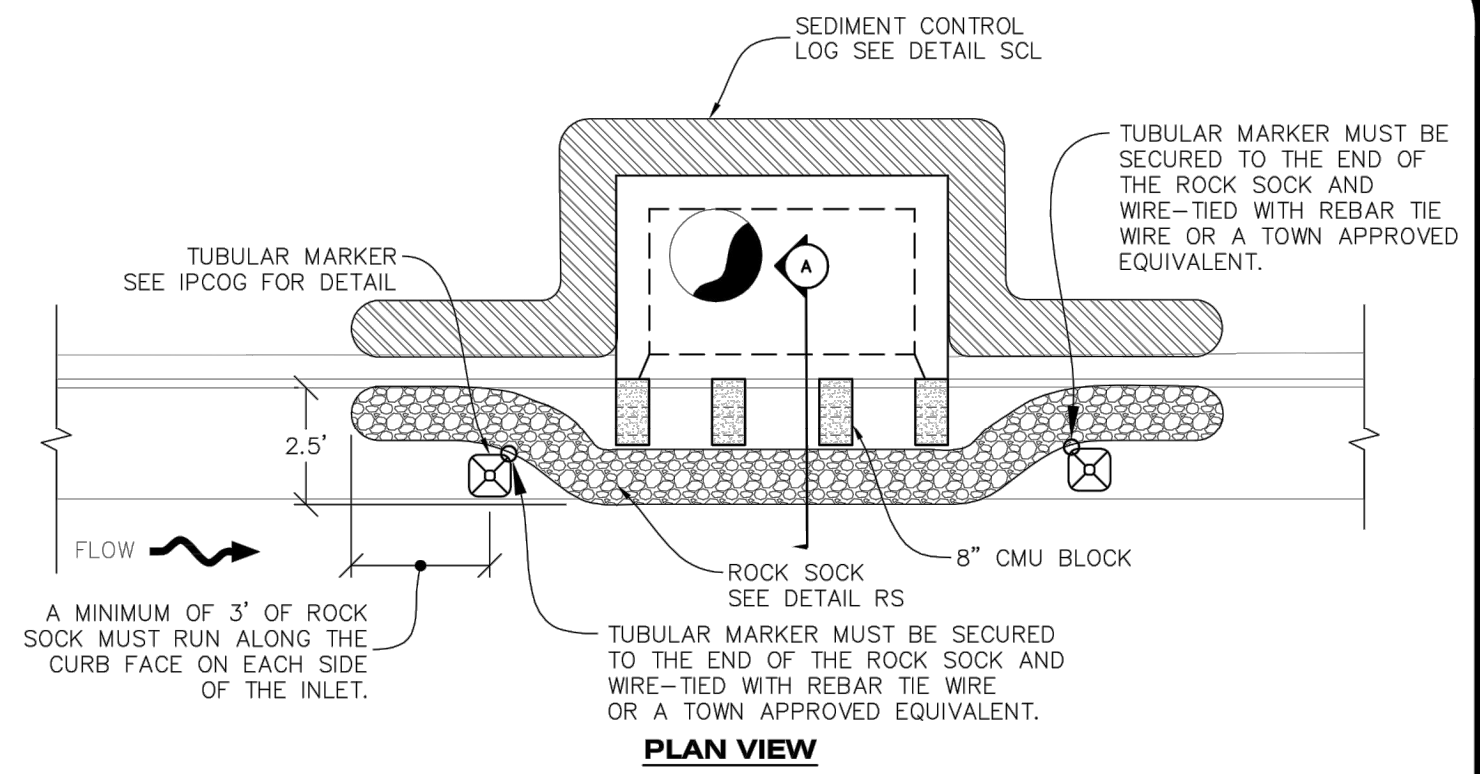
1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE MASONRY WORK PROTECTION.
2. ALL CONCRETE WASTE SHALL BE REGULARLY CLEANED AND PLACED IN THE CONCRETE WASH OUT AREA.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.

Parker COLORADO | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **MWP** | 2 OF 2 | Oct. 2013

TITLE	CONSTRUCTION DOCUMENTS	REV	DATE	DESCRIPTION	BY
DESCRIPTION	EROSION CONTROL DETAILS				
SITE ID	0050785				
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6				
<p>PREPARED FOR: McDonald's USA, LLC</p> <p>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared for the project and are not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the approval of the engineer. The contract documents for reuse on another project is not authorized.</p>					
PREPARED BY:	Kimley»Horn				
FOR REVIEW ONLY NOT FOR CONSTRUCTION	Kimley»Horn				
<p>Kimley-Horn and Associates, Inc.</p>					



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IPCOS
INLET PROTECTION, CURB ON SUMP, TYPE R INLET

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPCOS 1 OF 2 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

AREA INLET PROTECTION INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATION(S) OF AREA INLET PROTECTION.
2. THE AREA INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF NEW INLETS. AN INTERIM STYLE OF INLET PROTECTION MAY BE ALLOWED UNTIL THE INSTALLATION OF THE GUTTER AND/OR PAVEMENT.

AREA INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE AREA INLET PROTECTION.
2. AREA INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
3. WHEN THE AREA INLET PROTECTION IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE AREA INLET PROTECTION MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
4. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPA 1 OF 1 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

AREA INLET PROTECTION INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATION(S) OF AREA INLET PROTECTION.
2. THE AREA INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF NEW INLETS. AN INTERIM STYLE OF INLET PROTECTION MAY BE ALLOWED UNTIL THE INSTALLATION OF THE GUTTER AND/OR PAVEMENT.

AREA INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE AREA INLET PROTECTION.
2. AREA INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
3. WHEN THE AREA INLET PROTECTION IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE AREA INLET PROTECTION MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
4. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPA 1 OF 1 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

CURB INLET PROTECTION INSTALLATION NOTES

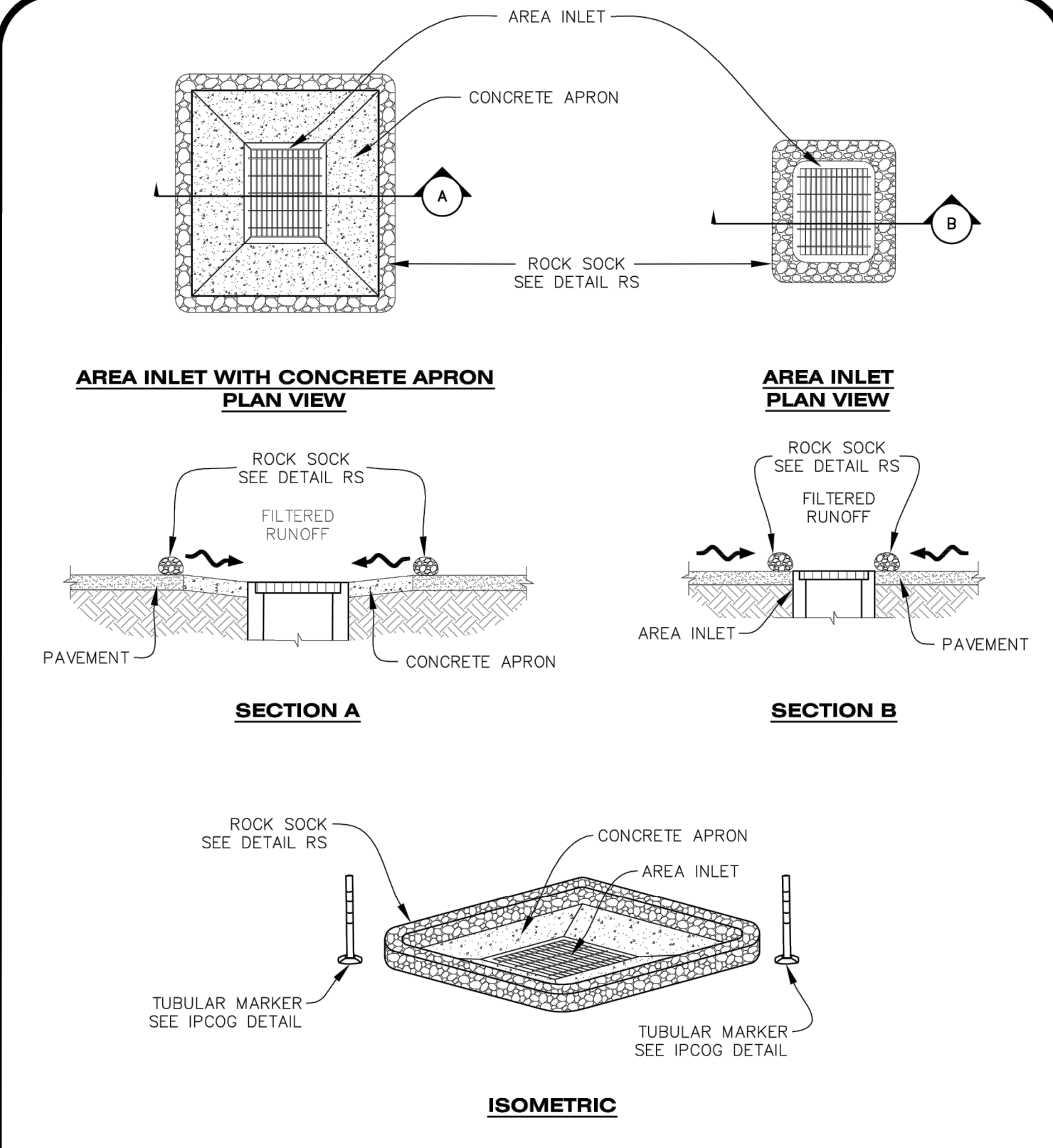
1. SEE CBMP PLAN FOR LOCATION(S) OF CURB INLET PROTECTION.
2. CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
3. ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
4. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL SIZED TO KEEP ROCK FROM SPILLING OUT.
5. ROCK SOCK SHALL EXTEND 3.0' ALONG THE CURB BEYOND LOCATIONS WHERE IT RETURNS TO CONTACT CURB FACE.
6. TUBULAR TRAFFIC MARKERS SHALL BE A MINIMUM OF 36" IN HEIGHT WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
7. THE CURB INLET PROTECTION SHOWN ON CBMP PLAN SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF THE FIRST LIFT OF ASPHALT ON ROADWAYS DRAINING TO THE CURB INLET. CMU BLOCKS OR THE ROCK SOCK SHALL BE USED AS INTERIM PROTECTION UNTIL THE FIRST LIFT OF ASPHALT IS INSTALLED.

CURB INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CURB INLET PROTECTION.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
4. CURB INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPCOS 2 OF 2 Oct. 2013

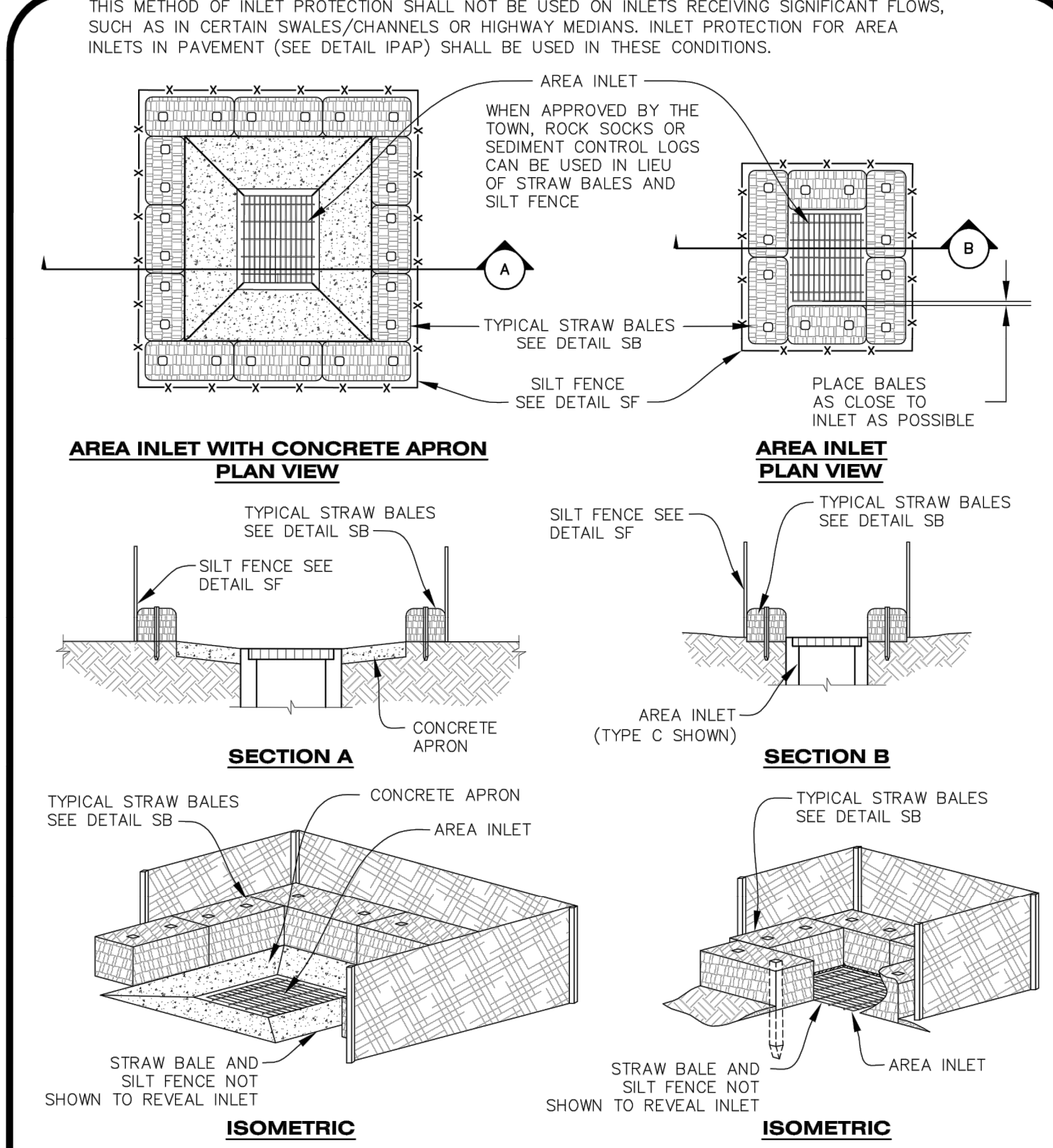
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IPAP
INLET PROTECTION FOR AREA INLETS IN PAVEMENT

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPAP 1 OF 1 Oct. 2013

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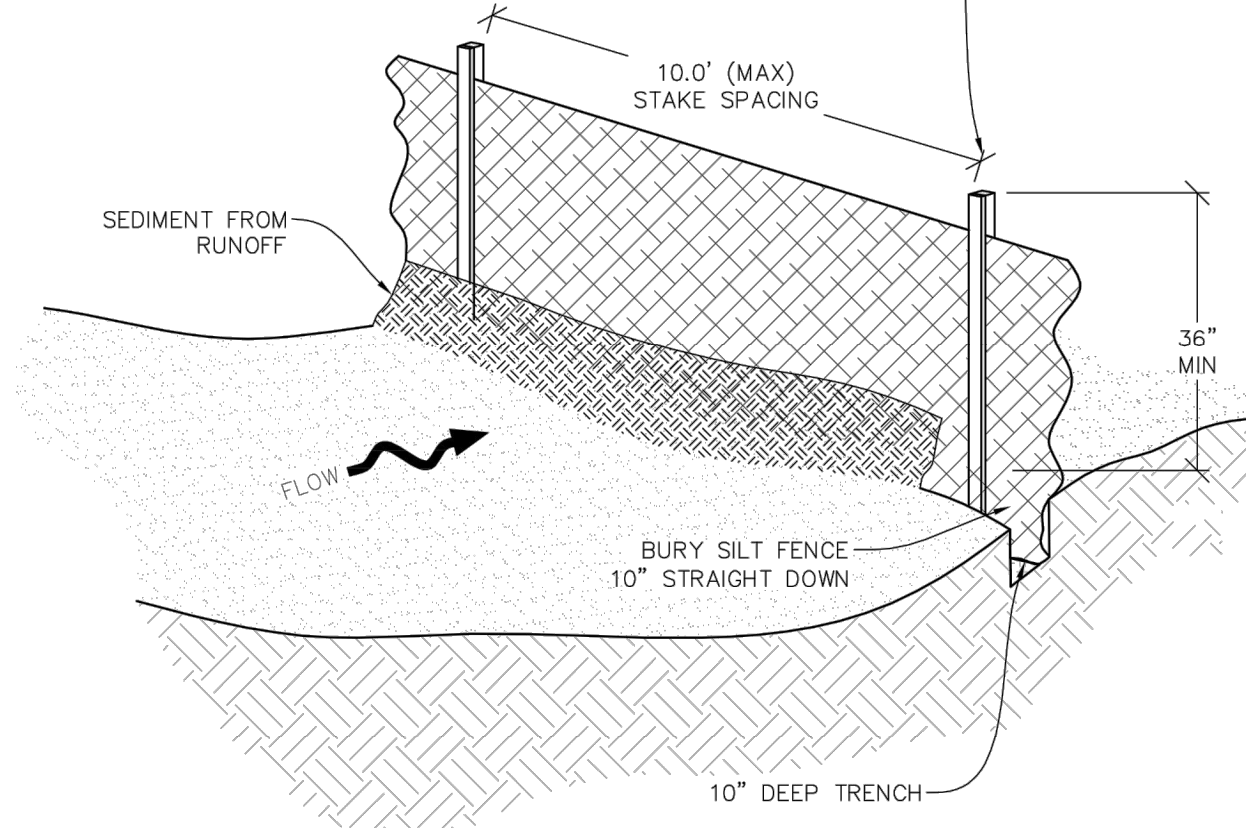
IPAN
INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES
IPAN 1 OF 1 Oct. 2013

TITLE	CONSTRUCTION DOCUMENTS	DATE	07/1/21	BY	
DESCRIPTION	EROSION CONTROL DETAILS	ISSUED	07/1/21	REV	
SITE ID	0050785	DATE	07/1/21	DATE	
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6	DATE		DATE	
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811 Know what's below. Call before you dig.					
C1.17					

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A MIN. OF 1"x1"x48" WOODEN STAKES SHALL BE PLACED ON THE DOWNHILL SIDE OF THE SILT FENCE FABRIC. A 1-1/2" X 1/4" STAKE OR LATH SHALL BE STAPLED OR NAILED TO THE 48" STAKE ON THE UPHILL SIDE OF THE FABRIC SUCH THAT IT IS FLUSH AGAINST THE FABRIC AND STAKE. LENGTH OF STAKE IS DEPENDENT UPON HEIGHT OF FENCE. ALSO SEE ALTERNATIVE INSTALLATION - 360° TWIST DETAIL.



SF SILT FENCE

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SF | 1 OF 4 | Oct. 2013

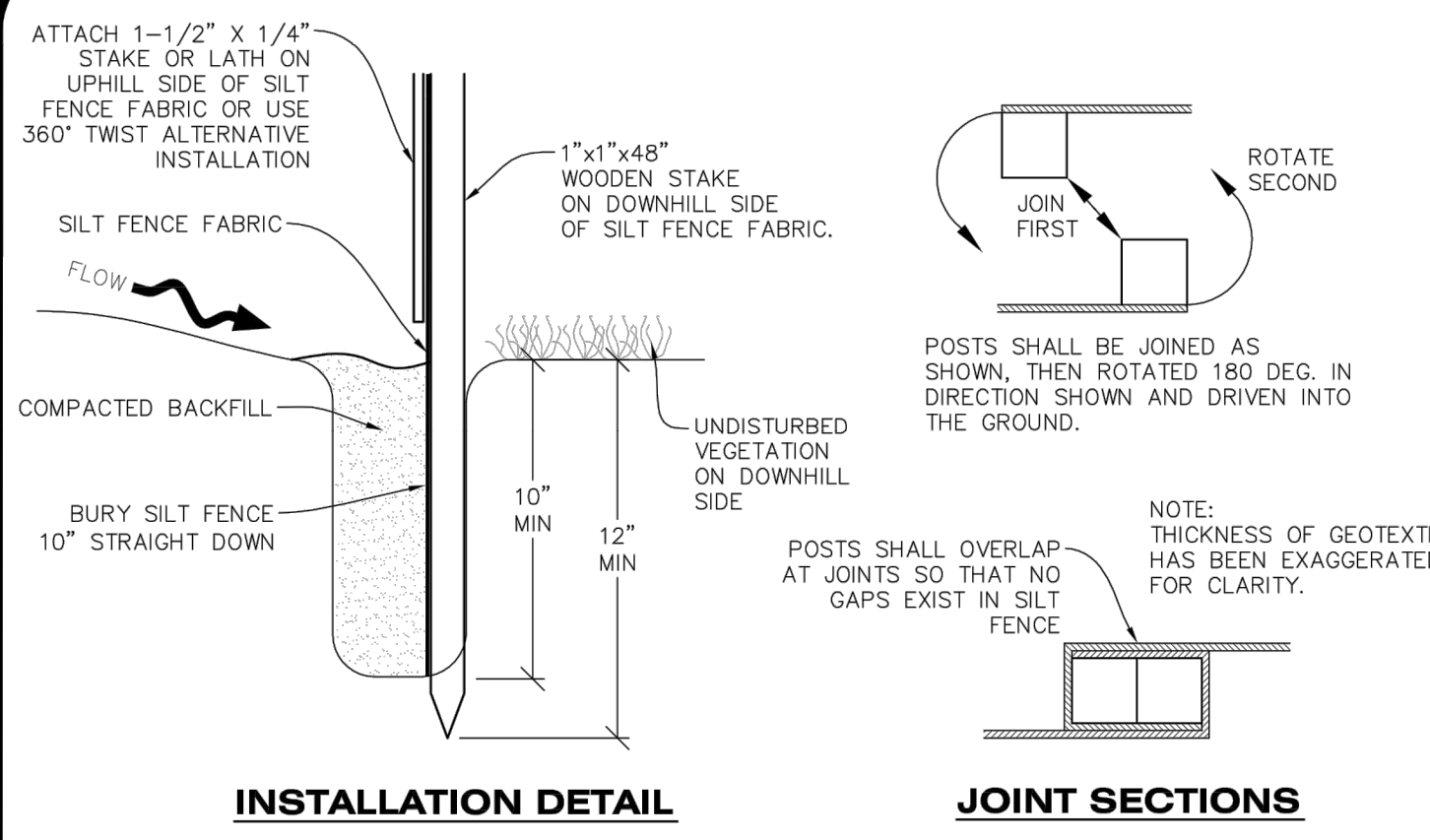
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SILT FENCE INSTALLATION NOTES

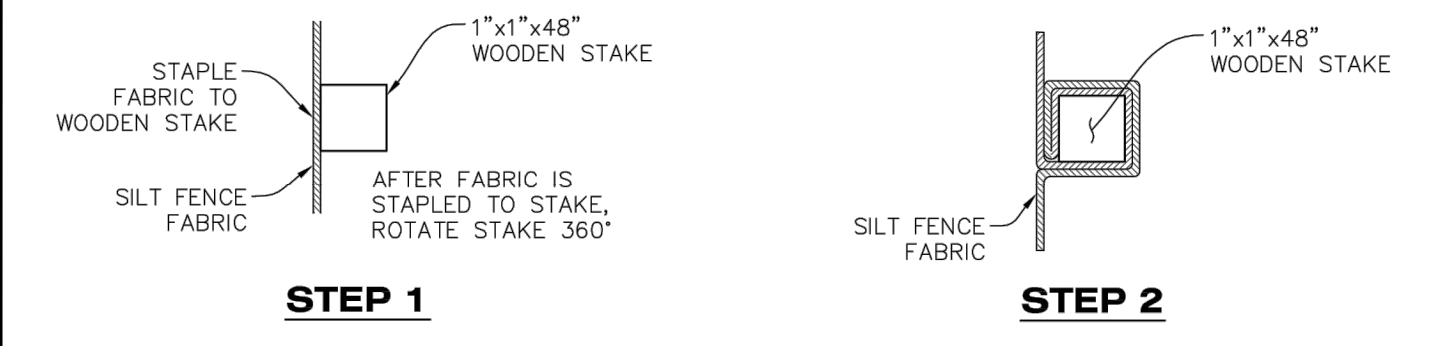
- SEE CBMP PLAN FOR LOCATION(S) OF SILT FENCE.
 - ALL SILT FENCE SHALL BE INSTALLED IN GOOD CONDITION AND FREE OF ANY DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
 - A UNIFORM 10" DEEP ANCHOR TRENCH SHALL BE EXCAVATED USING A TRENCHER.
 - A 10" DEEP ANCHOR SLIT SHALL BE FORMED IF USING A STATIC SLICING METHOD.
 - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE ANCHOR TRENCH.
 - ANCHOR TRENCH SHALL BE GENERALLY FREE OF ROCKS OR OTHER DEBRIS PRIOR TO THE PLACEMENT OF THE SILT FENCE.
 - THE ANCHOR TRENCH SHALL BE THOROUGHLY BACKFILLED WITH SOIL THAT IS GENERALLY FREE OF ROCKS AND DEBRIS.
 - ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE UP-GRADIENT SIDE OF THE SILT FENCE.
 - STAKES SHALL BE POSITIONED ON THE DOWNHILL SIDE OF THE SILT FENCE FABRIC AND PLACED ON 10.0' CENTERS OR LESS. STAKES SHALL BE EMBEDDED A MINIMUM OF 12" INTO THE GROUND. A WOODEN LATH SHALL BE ATTACHED TO THE OPPOSING (UPHILL) SIDE OF THE STAKE FOR ADDED STRENGTH AND SUPPORT. THE LATH SHALL HAVE THE FOLLOWING DIMENSIONS: 1"x3/4"x24".
 - SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD NOT BE SIGNIFICANT SAGGING ALONG ANY PORTION OF THE SILT FENCE AFTER IT HAS BEEN ANCHORED TO THE STAKES.
 - SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES AND LATHS USING STAPLES OR NAILS OF AN APPROXIMATE LENGTH. ENOUGH STAPLES AND NAILS SHOULD BE PLACED ALONG THE LATH TO ENSURE PROPER ATTACHMENT.
 - SILT FENCE FABRIC SHALL MEET THE FOLLOWING MANDATORY REQUIREMENTS:
- | PROPERTIES | TEST METHOD | MANDATORY REQUIREMENTS |
|-------------------------|-------------|-----------------------------------|
| GRAB TENSILE STRENGTH | ASTM D 4632 | ≥ 124 LBS |
| MULLEN BURST STRENGTH | ASTM D 3786 | > 300 PSI |
| PUNCTURE STRENGTH | ASTM D 4833 | > 80 LBS |
| TRAPEZOID TEAR STRENGTH | ASTM D 4533 | > 65 LBS |
| UV RESISTANCE | ASTM D 4355 | ≥ 80% AT 500 HOURS OF UV EXPOSURE |
| FLOW RATE | ASTM D 4491 | ≥ 10 GAL/MIN/FT2 |
- AN ORIGINAL PRODUCT SPECIFICATION SHEET FROM THE SILT FENCE MANUFACTURER SHALL BE MADE AVAILABLE AT THE REQUEST OF THE TOWN'S INSPECTOR. THE PRODUCT SPECIFICATION SHEET SHALL PROVIDE THE RESULTS FOR THE TEST METHODS ABOVE.
 - SILT FENCE JOINTS SHALL BE CONNECTED ACCORDING TO THE ATTACHED DRAWING.
 - SILT FENCE THAT IS INSTALLED BEHIND CURBS AND SIDEWALKS MUST BE DONE SO THAT NO MORE THAN A 2" GAP EXISTS BETWEEN CONCRETE AND THE SILT FENCE. EROSION CONTROL BLANKETING (ECB) BETWEEN THE GAP MAY BE REQUIRED IN INSTANCES WHERE THIS DOES NOT OCCUR.

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SF | 3 OF 4 | Oct. 2013

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INSTALLATION DETAIL | JOINT SECTIONS



ALTERNATIVE INSTALLATION - 360° TWIST

SF SILT FENCE

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SF | 2 OF 4 | Oct. 2013

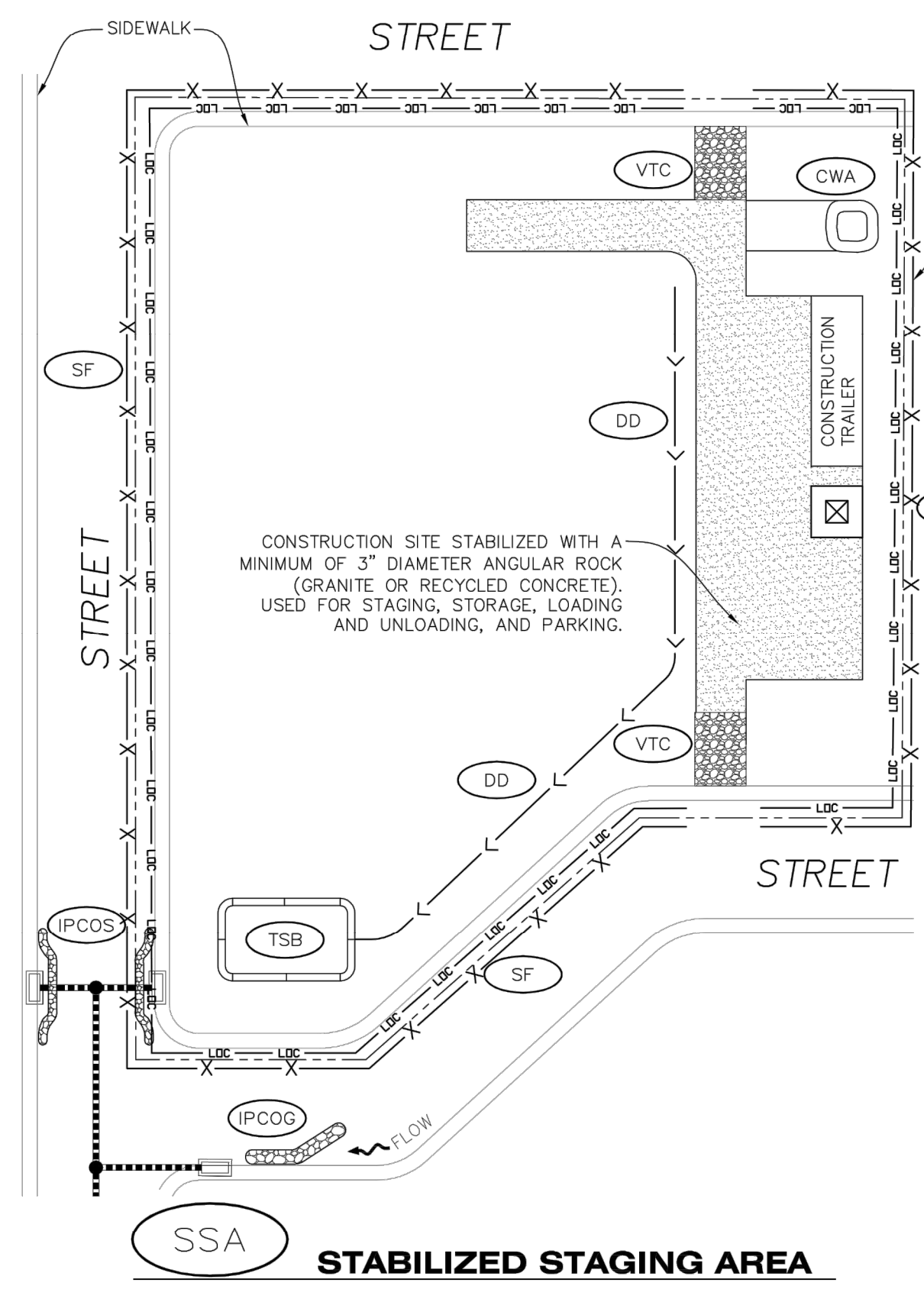
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

SILT FENCE INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SILT FENCE.
- ACCUMULATED SEDIMENT SHALL BE REMOVED REGULARLY.
- SILT FENCE SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- SILT FENCE SHALL BE REPLACED WHEN THERE ARE ANY SIGNS OF WEAR AND/OR DAMAGE.
- WHEN THE SILT FENCE IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE SILT FENCE MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SF | 4 OF 4 | Oct. 2013

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SSA STABILIZED STAGING AREA

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SSA | 1 OF 2 | Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER

STABILIZED STAGING AREA INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH TOWN APPROVAL.
- STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND LOADING OPERATIONS.
- THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" DIAMETER OF ANGULAR ROCK (GRANITE OR RECYCLED CONCRETE).
- SSA FOR SMALLER SITES MAY NOT BE PRACTICAL. IN THESE AND SIMILAR SITUATIONS, VARIANCES MAY BE PERMITTED BY THE TOWN.

STABILIZED STAGING AREA INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE STAGING AREA.
- STABILIZED STAGING AREA SHALL BE ENLARGED AS NECESSARY TO CONTAIN PARKING, STORAGE, LOADING, AND UNLOADING.

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES | SSA | 2 OF 2 | Oct. 2013

REV	DATE	DESCRIPTION	BY

Kimley»Horn

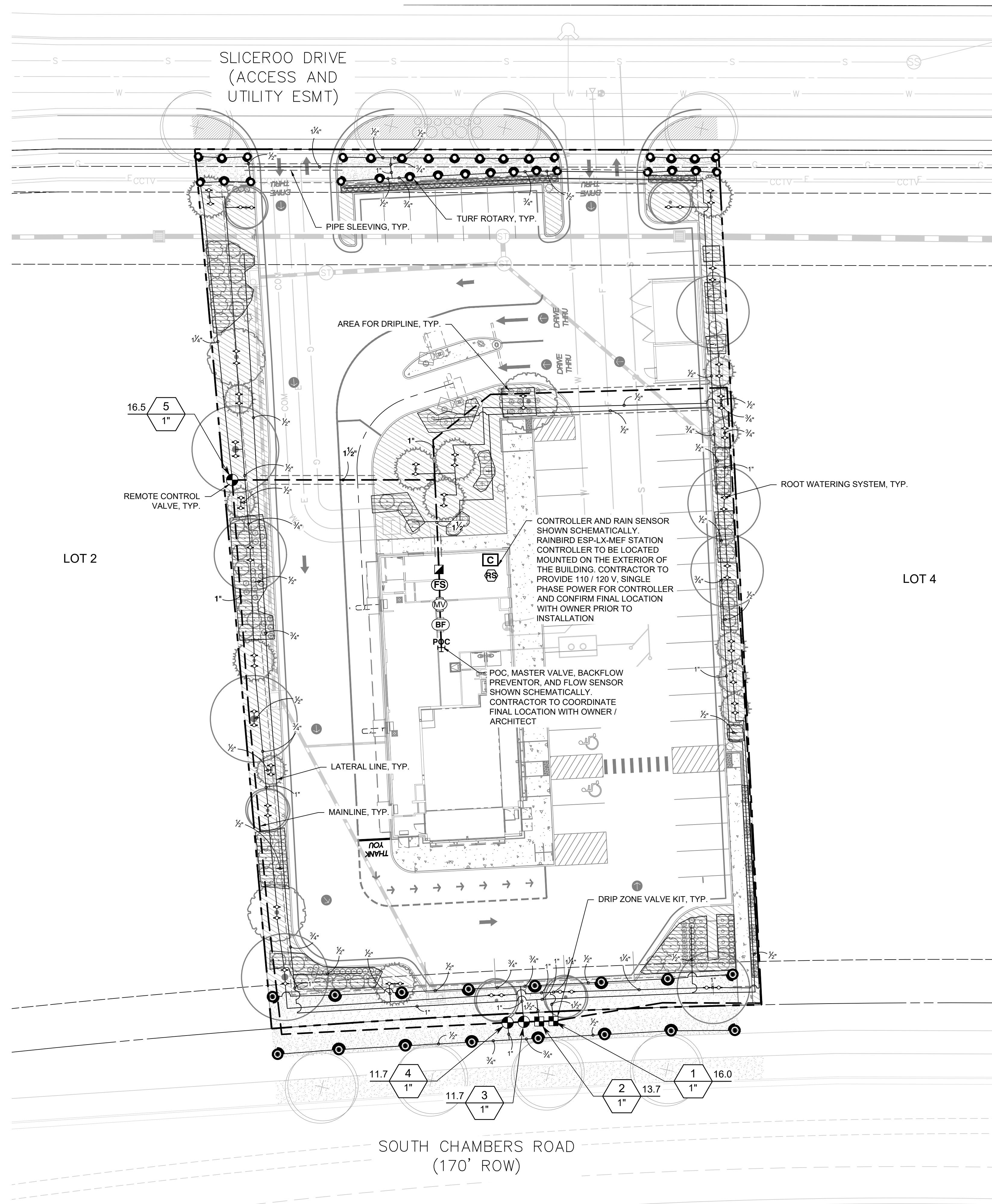
PREPARED BY: **Kimley»Horn** and Associates, Inc.

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DATE	BY
07/1/21	JRM
07/1/21	JRM

TITLE	DESCRIPTION	SITE ADDRESS
CONSTRUCTION DOCUMENTS	EROSION CONTROL DETAILS	LOT 3, DOUGLAS 234 FILING NO. 6





IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
14ADJ 14F	RAIN BIRD R-VAN14 1806-SAM-P45 TURF ROTARY, 8'-14" 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET.	32	45
27ADJ 27F	RAIN BIRD R-VAN24 1806-SAM-P45 TURF ROTARY, 17'-24" 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET.	16	45
1401 1402	RAIN BIRD RWS-M-B-C-SOCK 1401 MINI ROOT WATERING SYSTEM WITH 4.0" DIAMETER X 18.0' LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE AND RAIN BIRD 1401 0.25 GPM OR 1402 0.5 GPM BUBBLER AS INDICATED, WITH CHECK VALVE, AND SAND SOCK FOR SANDY SOIL.	64	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
■	RAIN BIRD XCZ-100-PRB-COM WIDE FLOW DRIP CONTROL KIT FOR COMMERCIAL APPLICATIONS, 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER, 0.3GPM TO 20GPM.	2	
Ⓟ	RAIN BIRD MDCFCAP DRIPLINE FLUSH VALVE CAP IN COMPRESSION FITTING COUPLER.	4	
Ⓜ	RAIN BIRD OPERIND DRIP SYSTEM OPERATION INDICATOR, STEM RISES 6" FOR CLEAR VISIBILITY WHEN DRIP SYSTEM IS CHARGED TO A MINIMUM OF 20PSI. INCLUDES 16' OF 1/4" DISTRIBUTION TUBING WITH CONNECTION FITTING PRE-INSTALLED.	2	
▨	AREA TO RECEIVE DRIPLINE RAIN BIRD XFS-CV-06-16 XFS-CV ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE, 0.6 GPM EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN, SPECIFY XF INSERT FITTINGS.	2,054 L.F.	
⊙	RAIN BIRD PEB 1" 1-1/2" 2" PLASTIC INDUSTRIAL VALVES, LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	3	
■	RAIN BIRD 44-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.	1	
Ⓜ	RAIN BIRD PEB 1" 1"-1-1/2", 2" PLASTIC INDUSTRIAL VALVES, LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	1	
Ⓟ	WATTS LF909 1" LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER.	1	
Ⓢ	RAIN BIRD ESP12LXMEF-LXMMSS 12 STATION COMMERCIAL CONTROLLER, STAINLESS STEEL METAL CABINET, FLOW SENSING	1	
Ⓢ	RAIN BIRD WR2-RFS WIRELESS RAIN/FREEZE SENSOR.	1	
Ⓢ	RAIN BIRD FS-100-B 1" FLOW SENSOR FOR USE WITH RAIN BIRD MAXICOM, SITECONTROL, AND ESP-LXD CENTRAL CONTROL SYSTEMS, BRASS MODEL, SUGGESTED OPERATING RANGE OF 2.0 GPM TO 40.0 GPM. SENSORS SHOULD BE SIZED FOR FLOW RATHER THAN PIPE SIZE.	1	
POC	POINT OF CONNECTION 1"	1	
---	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	2,815 L.F.	
---	IRRIGATION MAINLINE: PVC SCHEDULE 40	820.8 L.F.	
---	PIPE SLEEVE: PVC SCHEDULE 40	177.6 L.F.	

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	RAIN BIRD XCZ-100-PRB-COM	1"	BUBBLER	16.00	405.5	50.29	74.49	0.97 in/h
2	RAIN BIRD XCZ-100-PRB-COM	1"	AREA FOR DRIPLINE	13.71	400.5	46.91	69.21	0.43 in/h
3	RAIN BIRD PEB	1"	TURF ROTARY	11.68	395.2	50.52	71.35	0.32 in/h
4	RAIN BIRD PEB	1"	TURF ROTARY	11.71	389.8	50.16	70.96	0.32 in/h
5	RAIN BIRD PEB Common Wire	1"	TURF ROTARY	16.53	119.0	56.34	75.13	1.35 in/h

CRITICAL ANALYSIS

Generated: 2021-06-11 10:11

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 1"
Flow Available: 19.62 gpm

PRESSURE AVAILABLE
Static Pressure at POC: 80.00 PSI
Pressure Available: 80.00 psi

DESIGN ANALYSIS
Maximum Station Flow: 16.53 gpm
Flow Available at POC: 19.62 gpm
Residual Flow Available: 3.09 gpm

Critical Station: 5
Design Pressure: 45.00 psi
Friction Loss: 8.02 psi
Fittings Loss: 0.80 psi
Elevation Loss: 0.00 psi
Loss through Valve: 2.52 psi
Pressure Req. at Critical Station: 56.34 psi
Loss for Fittings: 0.17 psi
Loss for Main Line: 1.75 psi
Loss for POC to Valve Elevation: 0.00 psi
Loss for Backflow: 14.35 psi
Loss for Master Valve: 2.52 psi
Critical Station Pressure at POC: 75.13 psi
Pressure Available: 80.00 psi
Residual Pressure Available: 4.87 psi

BY: _____

DESCRIPTION: _____

REV: _____ DATE: _____

Kimley»Horn

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CONSTRUCTION
Kimley»Horn
Kimley-Horn and Associates, Inc.

PREPARED BY: _____

McDonald's USA, LLC

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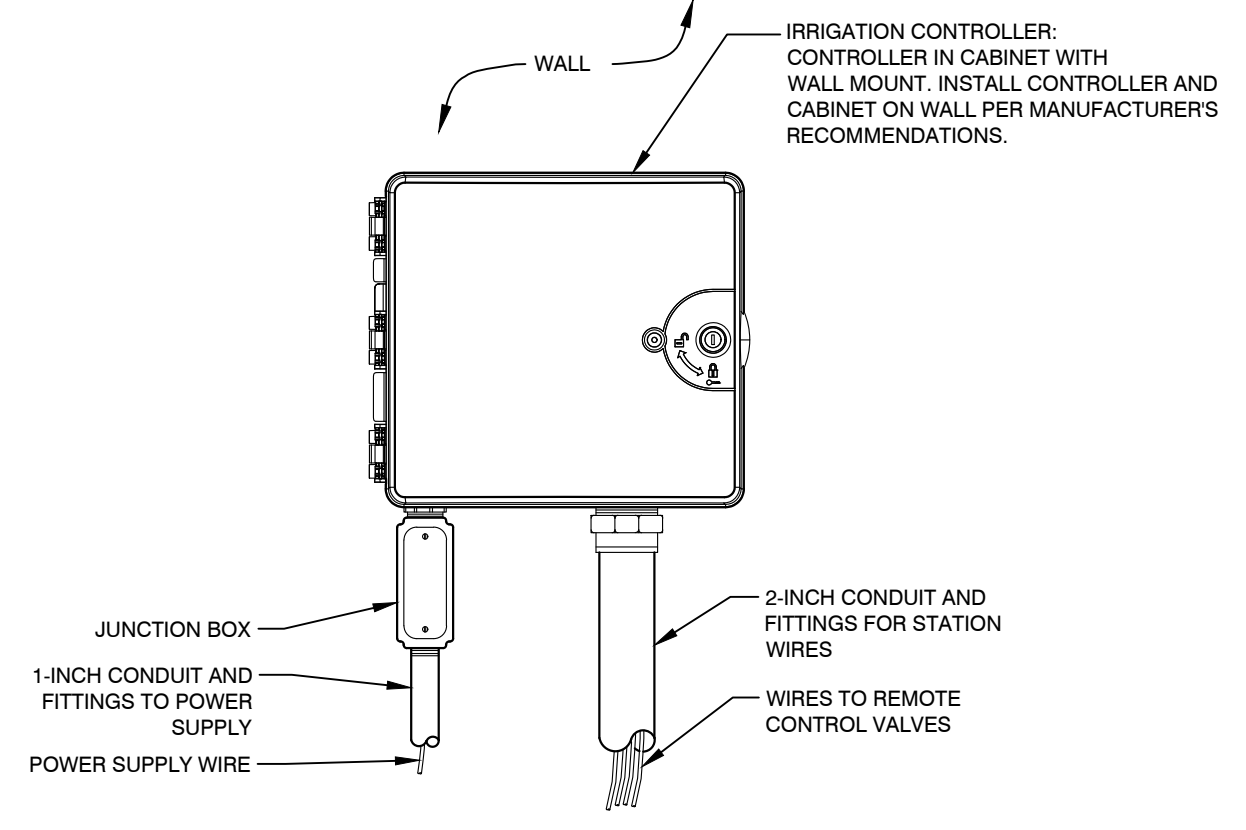
TITLE: CONSTRUCTION DOCUMENTS
DESCRIPTION: IRRIGATION PLAN
SITE ID: 0050785
SITE ADDRESS: LOT 3, DOUGLAS 234 FILING NO. 6

C1.22



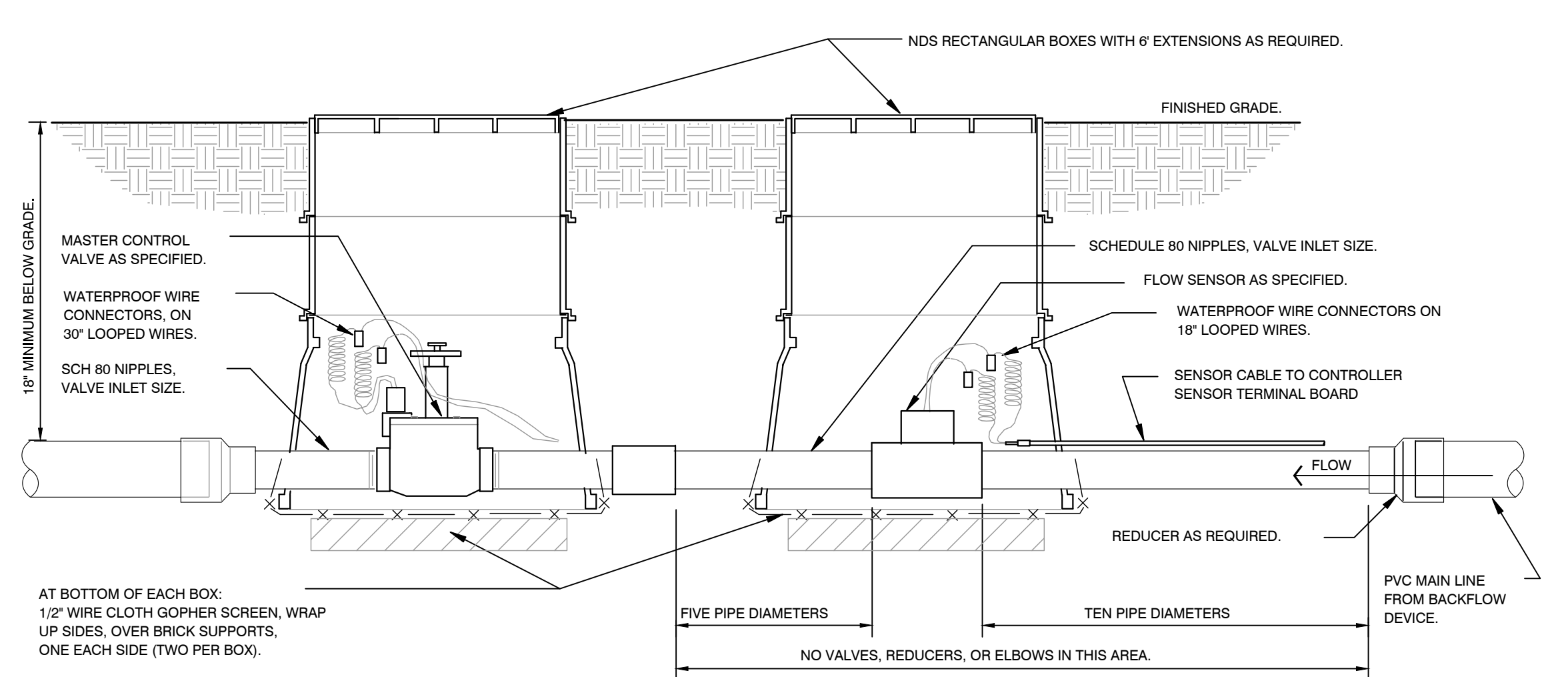
GENERAL IRRIGATION SPECIFICATIONS AND NOTES

- THE SYSTEM SHALL BE DESIGNED TO PROVIDE 100% COVERAGE. ANY CHANGES MADE IN THE LAYOUT DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THESE STANDARDS. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
- THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM TO TOWN, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL FIELD VERIFY.
- CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE EXCEEDS 5 PSI HIGHER OR LOWER THAN AVAILABLE WATER PRESSURE. REFER TO CRITICAL ANALYSIS FOR ASSUMED STATIC PRESSURE.
- CONTRACTOR TO FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING PSI AND GPM PRIOR TO CONSTRUCTION.
- IRRIGATION DESIGN IS SCHEMATIC ONLY. FULL AND COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL COORDINATE WITH THE PLANTING PLAN FOR PLANTER BED AND TREE LOCATIONS TO ENSURE ALL PLANT MATERIAL IS COVERED BY 100% HEAD-TO-HEAD IRRIGATION.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
- IRRIGATION CONTRACTOR TO COORDINATE POWER SUPPLY TO ELECTRIC CONTROLLERS WITH ELECTRICAL CONTRACTOR.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.
- IRRIGATION LATERAL LINES, MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN. ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.
- LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED. ALL VALVES SHALL BE LOCATED WITHIN LANDSCAPED AREAS, AS SPECIFIED.
- IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
- SUPPLY LINE AND METER TO BE PROVIDED BY GENERAL CONTRACTOR. BACKFLOW PREVENTER TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN AFTER THE IRRIGATION WATER METER.
- INSTALL ALL BACKFLOW PREVENTION DEVICES AND ALL PIPING BETWEEN THE POINT OF CONNECTION AND THE BACKFLOW PREVENTER AS PER LOCAL CODES. FINAL LOCATION SHALL BE DETERMINED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- CONTRACTOR TO COORDINATE LOCATION OF ALL METERS AND BACKFLOW ASSEMBLIES WITH PROJECT OWNER.
- THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVEING AND DIRECTIONAL BORES.
- EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
- ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS. ALL SLEEVES ON PLAN FOR WALL PENETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES. ALL IRRIGATION SLEEVEING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. SEE SLEEVEING DETAIL.
- ALL PRESSURIZED MAINLINES AND LATERALS UNDER PAVEMENT SHALL BE WITHIN SLEEVES AS NOTED. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
- SLEEVES UNDER EXISTING PAVEMENT MUST BE DIRECTIONAL BORE. OPEN CUT IS NOT AN OPTION.
- NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION "HB". LETTER OUTSIDE OF TIME CLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
- THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW." THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAINLINE.
- ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN VALVE BOXES.
- ALL UNSIZED PIPE SHALL BE 3/4" UNLESS OTHERWISE NOTED ON PLAN. SEE LATERAL PIPE SIZING REQUIREMENTS.
- LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMUM OF 3" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. PIPE SIZES ON EITHER SIDE OF SECTION VALVES CONNECTING MAINLINE TO SECTION LATERAL SHALL BE ONE (1) PIPE SIZE LARGER THAN VALVE SIZE. WHERE MAINLINES RUN PARALLEL TO PAVEMENT OR CURBING, THE MAINLINE SHALL BE OFFSET 2'-0" FROM THE EDGE OF PAVEMENT OR CURB.
- IRRIGATION ZONES SHALL BE SEPARATED FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. BUBBLERS, DRILINE, AND SPRAY HEADS SHALL BE SEPARATED ON DIFFERENT VALVES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE.
- ALL DRIP ZONES SHALL BE INSTALLED WITH A FLUSH VALVE AND DRIP INDICATOR.
- CONTRACTOR TO COORDINATE WITH OWNER FOR FINAL CONTROLLER AND RAIN SENSOR LOCATIONS. THE CONTROLLER SHALL BE PLACED IN A LOCKING CABINET APPROPRIATE FOR ITS LOCATION. (INDOOR VS. OUTDOOR USE)
- IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNERS REPRESENTATIVE.
- LOCATE THE AUTOMATIC RAIN / FREEZE SENSOR SHUTOFF DEVICE IN AN AREA THAT IS UNOBSTRUCTED BY TREES, ROOF OVERHANGS, OR ANY OTHER OVERHEAD OBJECT. THE SENSOR SHALL NOT BE PLACED WITHIN THE SPRAY ZONE OF ANY SPRINKLER HEAD, INCLUDING OFF-SITE IRRIGATION. CONTRACTOR SHALL LOCATE SENSOR WITHIN CLOSE PROXIMITY TO THE IRRIGATION CONTROLLER.
- CONTRACTOR SHALL PERFORM HYDRO-TESTING OF MAIN LINES.
HYDRO-TESTING TO BE PERFORMED AS LISTED:
THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FORTY-EIGHT (48) HOURS IN ADVANCE OF TESTING. PRIOR TO BACKFILLING, CONTRACTOR SHALL FILL PIPING WITH WATER. IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE, TAKING CARE TO PURGE THE AIR FROM IT. A SMALL, HIGH PRESSURE PUMP OR OTHER MEANS OF MAINTAINING A CONTINUOUS WATER SUPPLY SHALL BE CONNECTED TO THE PIPING AND SET SO AS TO MAINTAIN 125 PSI FOR TWO (2) HOURS WITHOUT INTERRUPTION. CONTRACTOR SHALL MAKE ANY NECESSARY CORRECTIONS AND RETEST THE SYSTEM UNTIL THE OWNER'S REPRESENTATIVE IS SATISFIED THAT THE SYSTEM IS REASONABLY SOUND.
- ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER SHALL FOLLOW MANUFACTURERS SPECIFICATIONS.
- ALL CONTROL WIRE SHALL BE INSTALLED IN A 1 1/2" ELECTRICAL CONDUIT.
- CONTRACTOR TO MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH FIELD ADJUSTMENTS TO INDIVIDUAL HEADS.
- ALL UNIMPROVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR.
- ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.

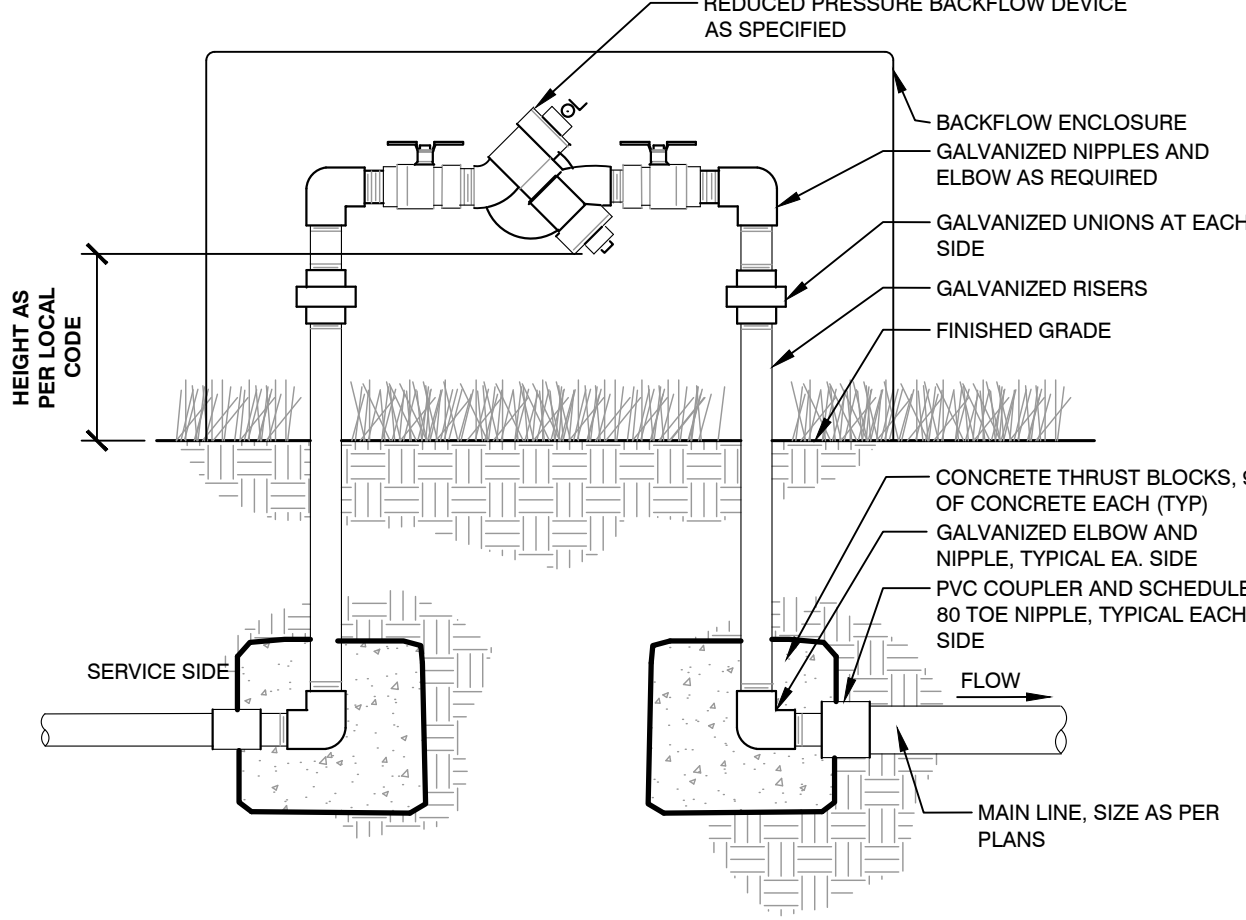


NOTES:
 1. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
 2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
 3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

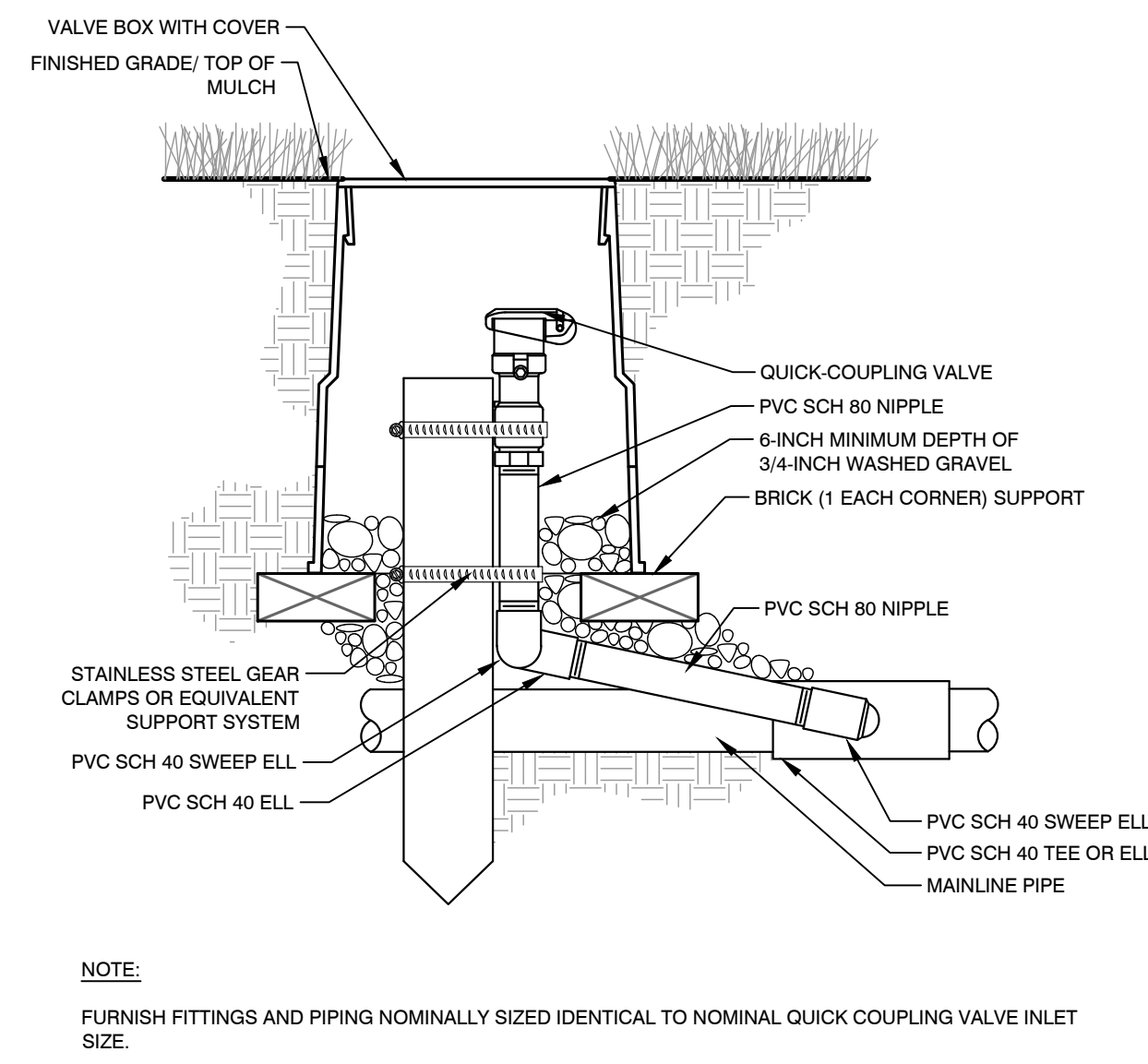
1 IRRIGATION CONTROLLER - WALL MOUNT
 ELEVATION NTS



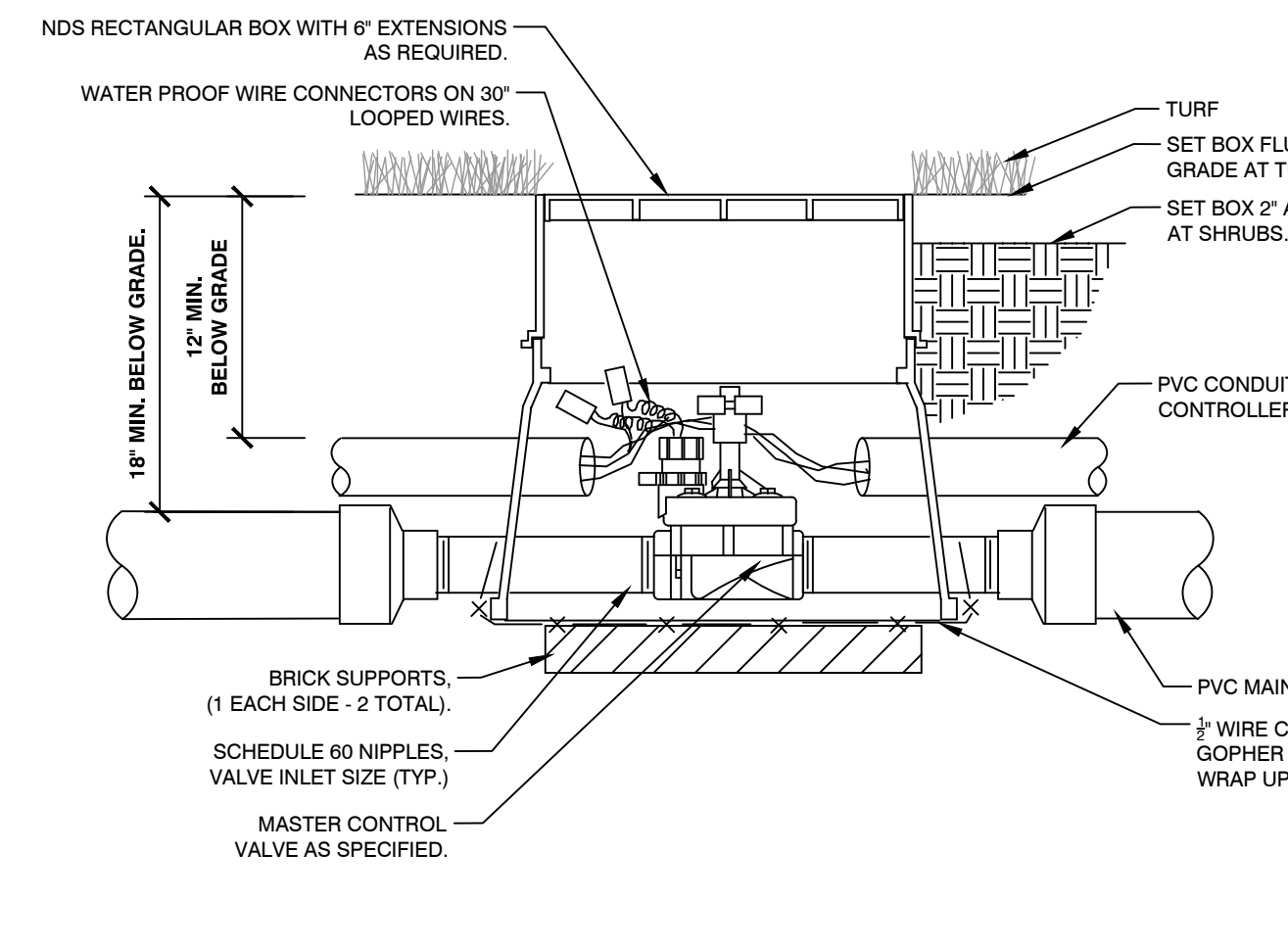
2 MASTER CONTROL VALVE / FLOW SENSOR ASSEMBLY
 SECTION NTS



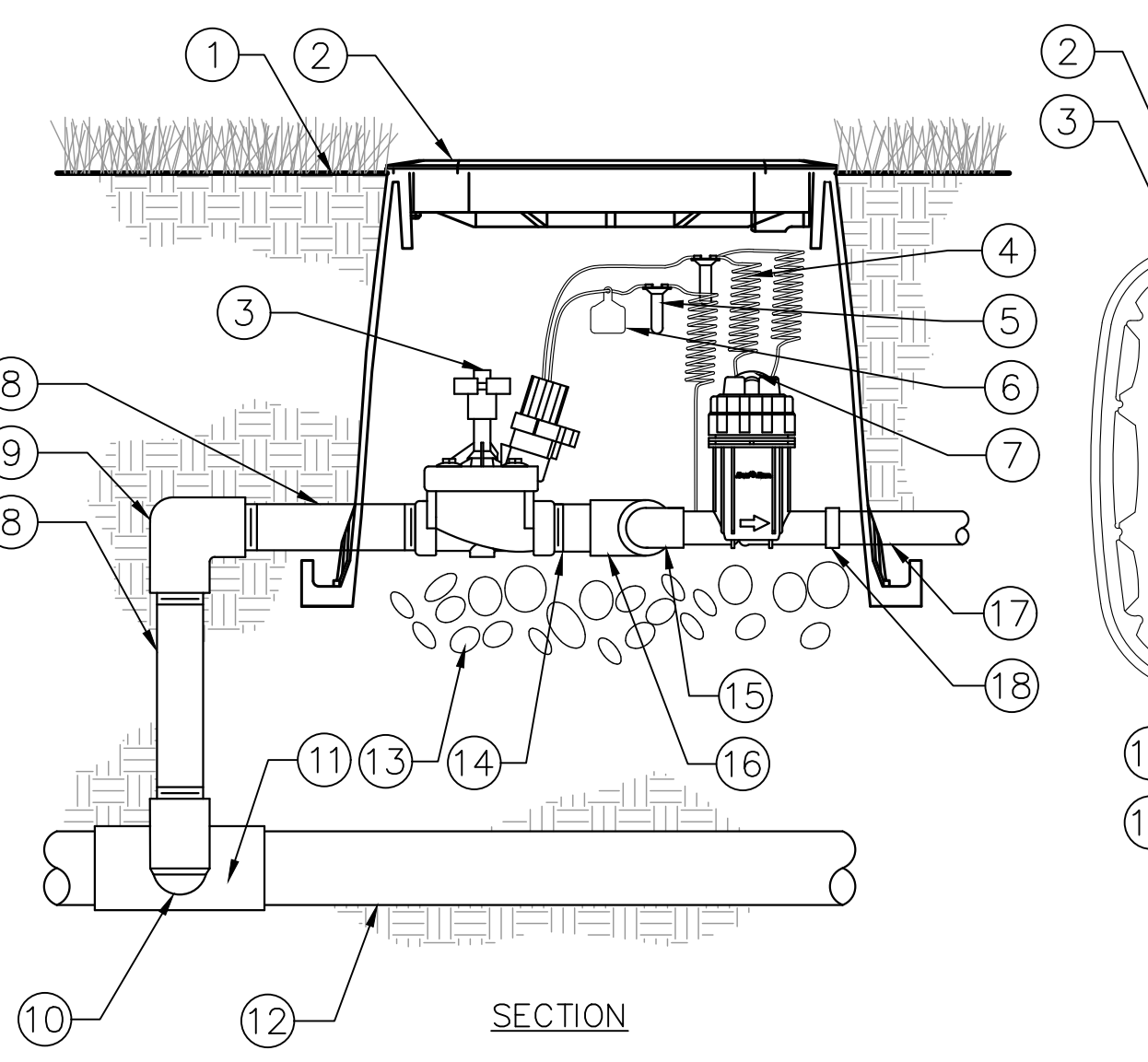
3 BACKFLOW PREVENTER
 SECTION NTS



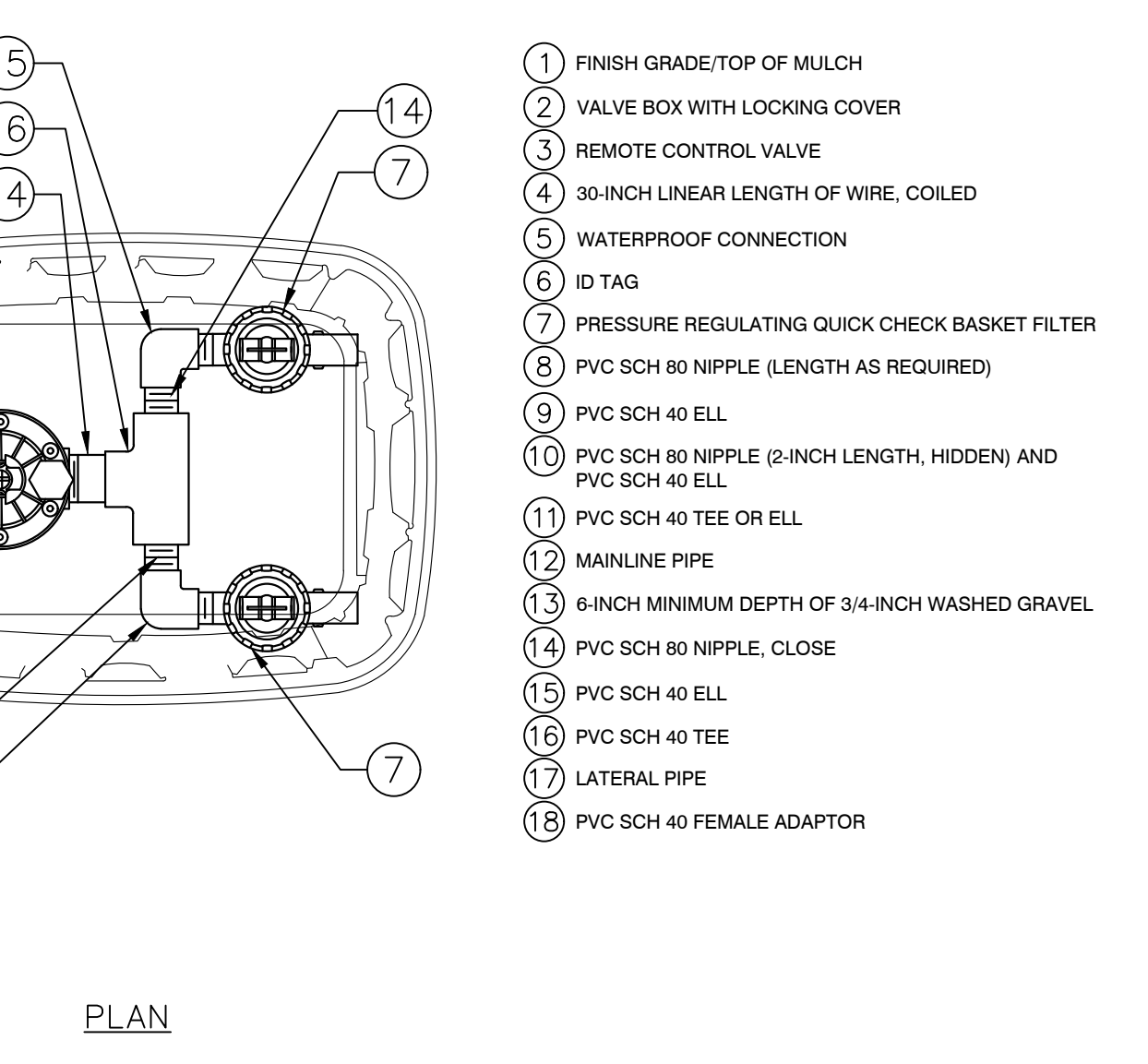
4 TYPICAL QUICK COUPLER
 SECTION NTS



5 MASTER CONTROL VALVE
 SECTION NTS



6 DRIP ZONE VALVE KIT
 SECTION / PLAN NTS

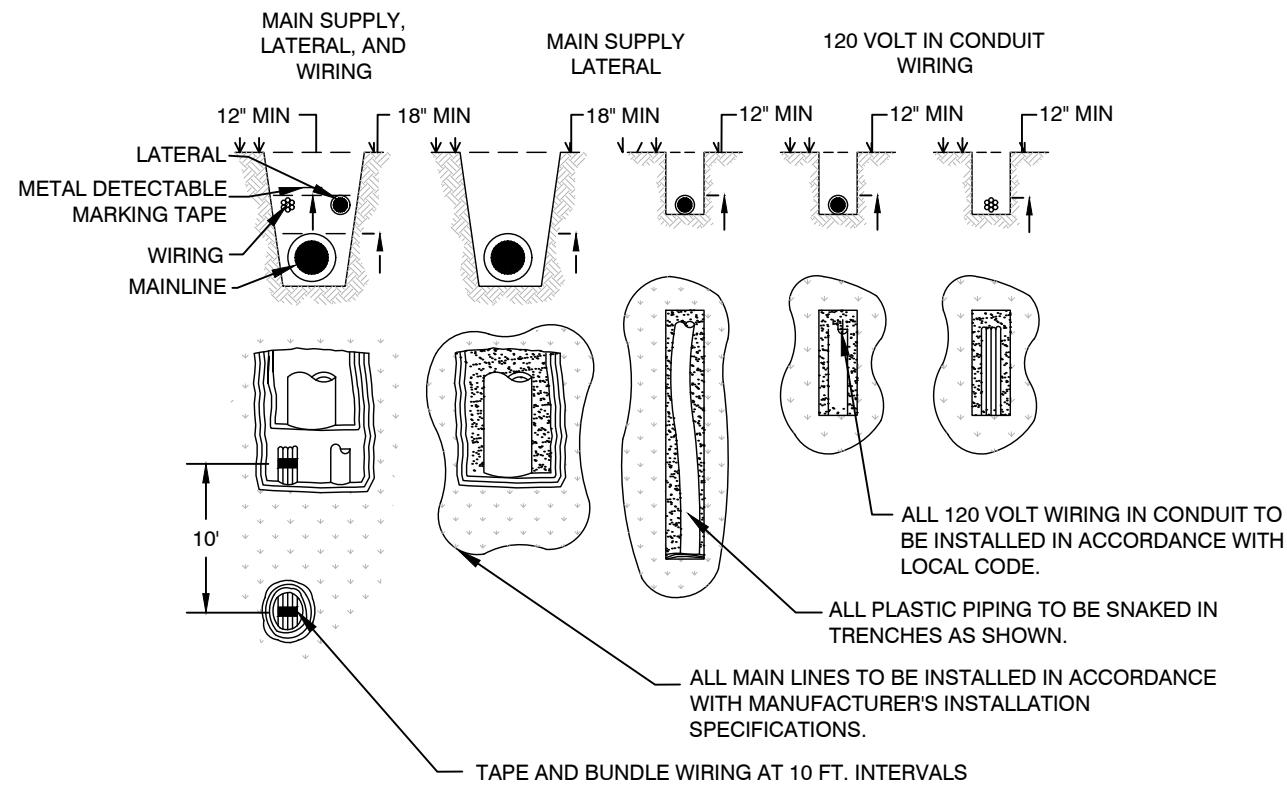


6 DRIP ZONE VALVE KIT
 SECTION / PLAN NTS

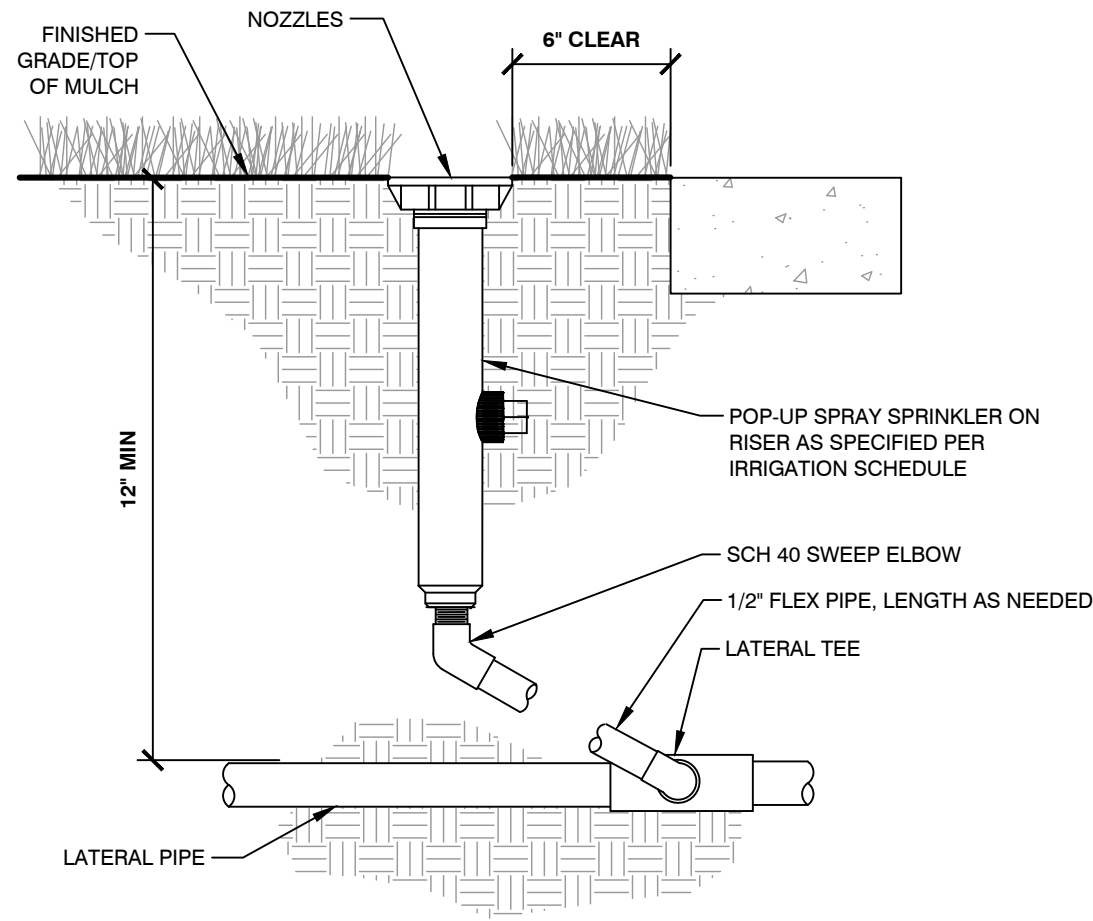
- FINISH GRADE/TOP OF MULCH
- VALVE BOX WITH LOCKING COVER
- REMOTE CONTROL VALVE
- 30-INCH LINEAR LENGTH OF WIRE, COILED
- WATERPROOF CONNECTION
- ID TAG
- PRESSURE REGULATING QUICK CHECK BASKET FILTER
- PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- PVC SCH 40 ELL
- PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
- PVC SCH 40 TEE OR ELL
- MAINLINE PIPE
- 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- PVC SCH 80 NIPPLE, CLOSE
- PVC SCH 40 ELL
- PVC SCH 40 TEE
- LATERAL PIPE
- PVC SCH 40 FEMALE ADAPTOR

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PREPARED FOR:	McDonald's USA, LLC	
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STD ISSUE DATE:	07/1/21	
REVIEWED BY:	JRH	
DATE ISSUED:	07/1/21	
TITLE:	CONSTRUCTION DOCUMENTS	
DESCRIPTION:	IRRIGATION NOTES	
SITE ID:	0050785	
SITE ADDRESS:	LOT 3, DOUGLAS 234 FLING NO. 6	
REV.	DATE	DESCRIPTION
BY:		

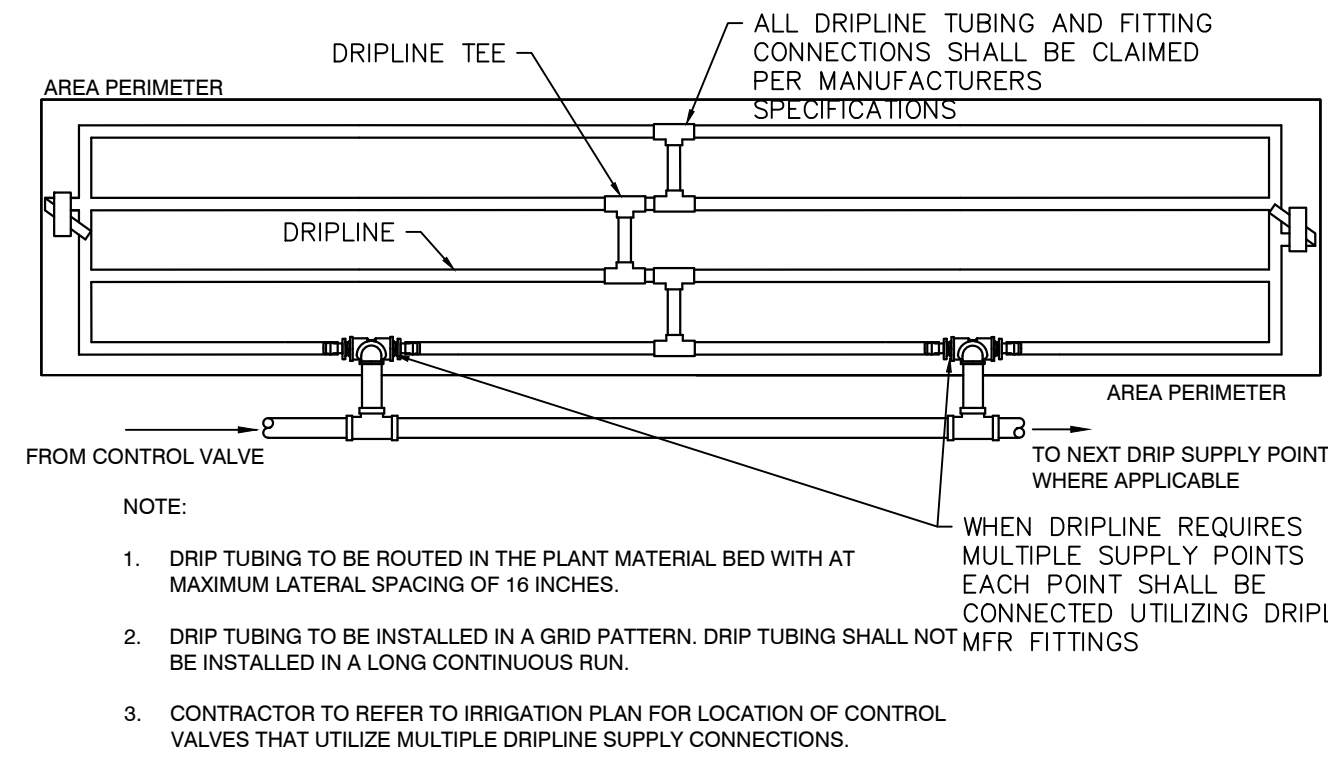




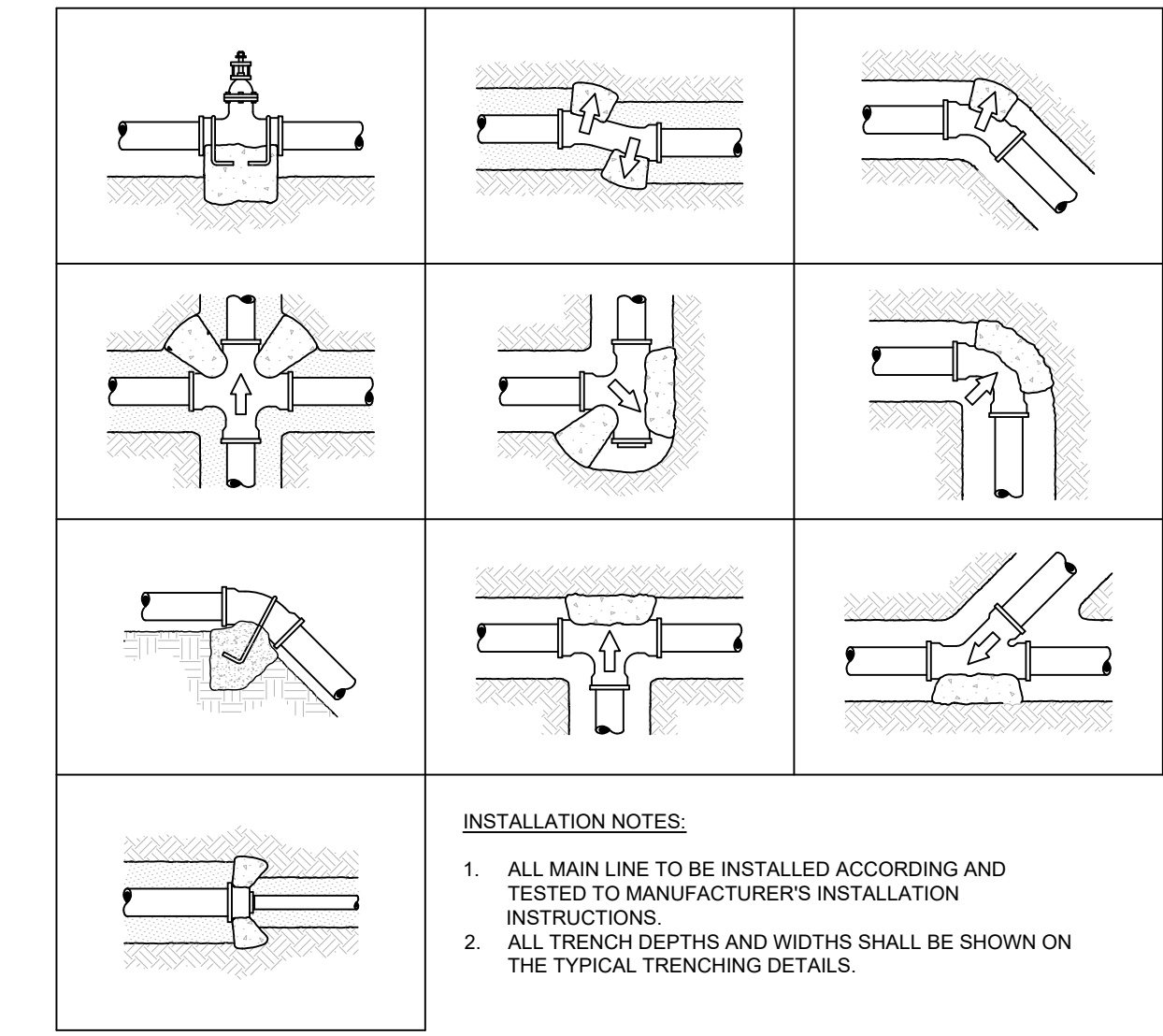
1 TYPICAL TRENCHING SECTION
C1.24



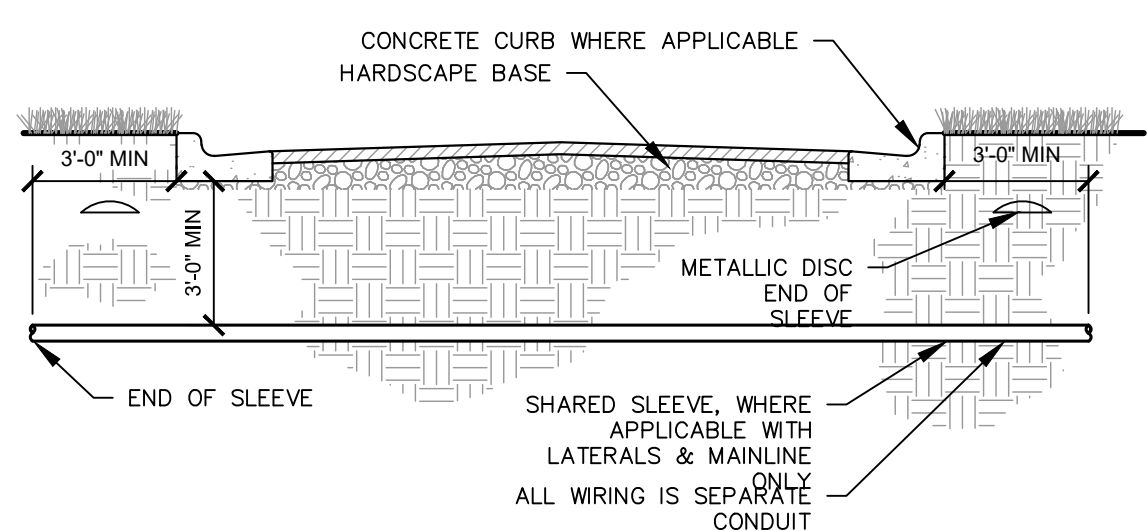
2 TYPICAL SPRAY / ROTAR HEAD SECTION
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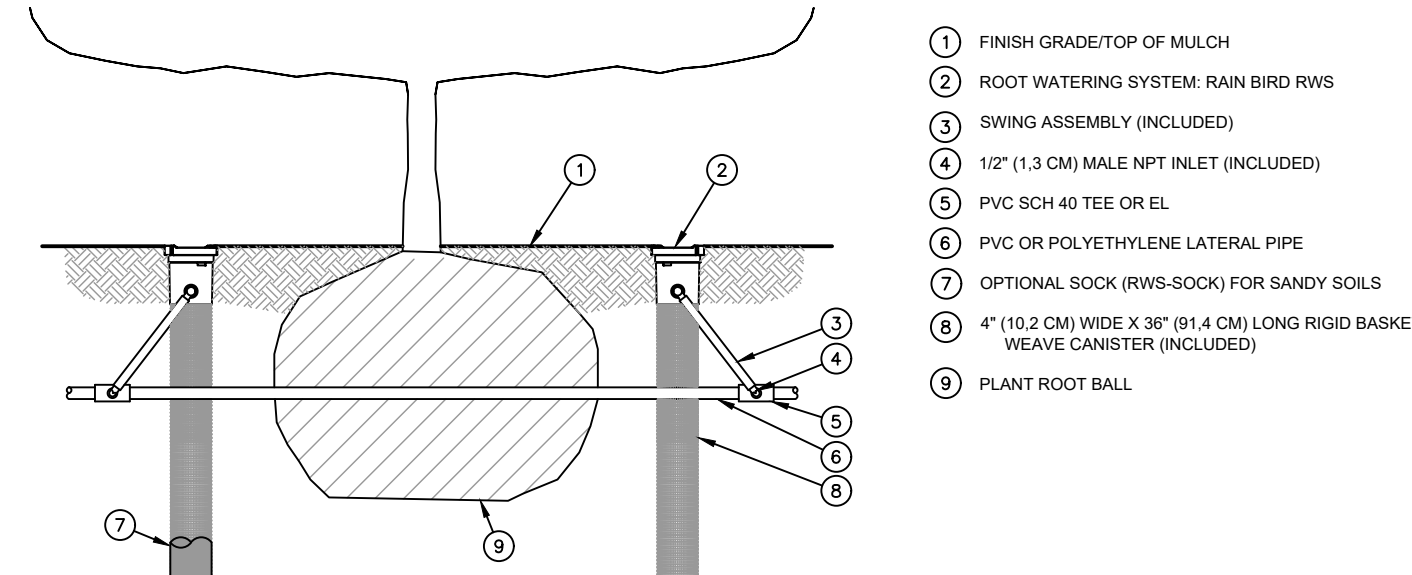
3 TYPICAL DRIPLINE PLAN
C1.24



4 TYPICAL THRUST BLOCK SECTION
C1.24

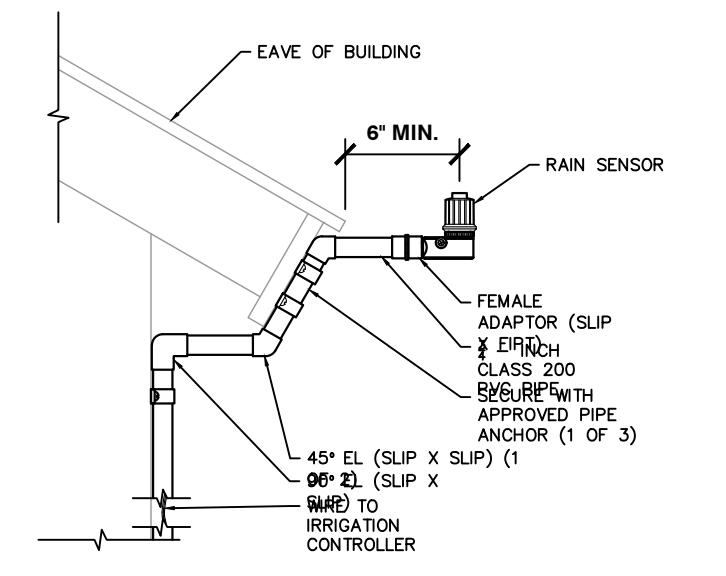


5 TYPICAL SLEEVING SECTION
C1.24



- 1 FINISH GRADE/TOP OF MULCH
- 2 ROOT WATERING SYSTEM: RAIN BIRD RWS
- 3 SWING ASSEMBLY (INCLUDED)
- 4 1/2" (1.3 CM) MALE NPT INLET (INCLUDED)
- 5 PVC SCH 40 TEE OR EL
- 6 PVC OR POLYETHYLENE LATERAL PIPE
- 7 OPTIONAL SOCK (RWS-SOCK) FOR SANDY SOILS
- 8 4" (10.2 CM) WIDE X 36" (91.4 CM) LONG RIGID BASKET WEAVE CANISTER (INCLUDED)
- 9 PLANT ROOT BALL

6 ROOT WATERING SYSTEM
C1.24



7 RAIN SENSOR - BUILDING MOUNT SECTION
C1.24

- INSTALLATION NOTES:
1. ALL MAIN LINE TO BE INSTALLED ACCORDING AND TESTED TO MANUFACTURERS INSTALLATION INSTRUCTIONS.
 2. ALL TRENCH DEPTHS AND WIDTHS SHALL BE SHOWN ON THE TYPICAL TRENCHING DETAILS.

TITLE	CONSTRUCTION DOCUMENTS	DATE	07/1/21	BY	
DESCRIPTION	IRRIGATION DETAILS	ISSUED	07/1/21	REV	
SITE ID	0050785	DATE		DATE	
SITE ADDRESS	LOT 3, DOUGLAS 234 FILING NO. 6	DESCRIPTION		DESCRIPTION	

Kimley»Horn

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Kimley-Horn and Associates, Inc.

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