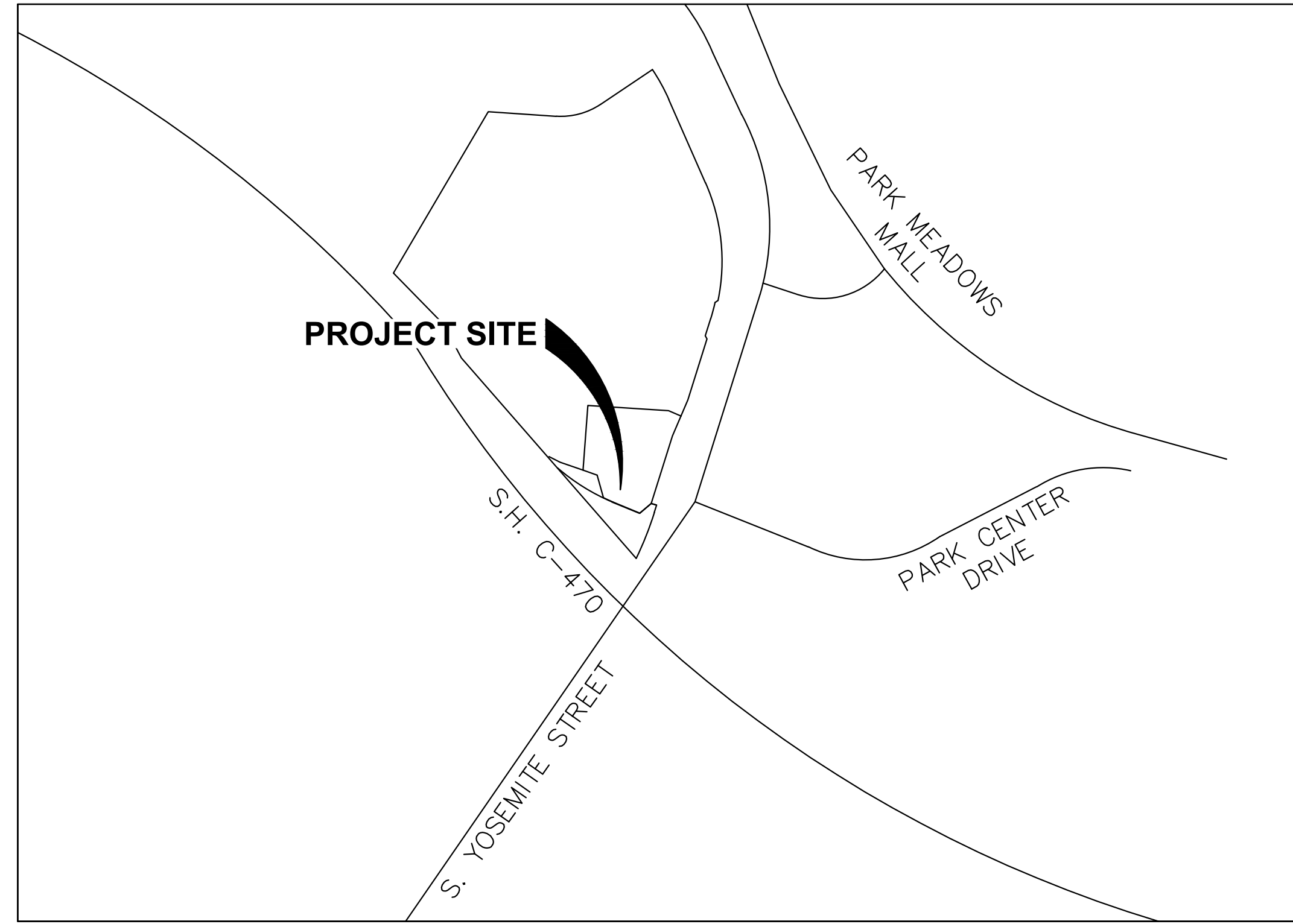


CONSTRUCTION DOCUMENT FOR: CHICK-FIL-A HWY 470 & YOSEMITE

A PORTION OF LOT A1, BLOCK 2 PARKWAY SUBDIVISION FILING NO. 3, 4TH AMENDMENT
LOCATED IN THE WEST HALF OF SECTION 3 TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH
P.M. CITY OF LONE TREE, COUNTY OF DOUGLAS, STATE OF COLORADO.
1.33 ACRES



VICINITY MAP
NTS

LEGEND:

	PROPERTY LINE
	WATER METER
	IRRIGATION METER
	GREASE INTERCEPTOR
	SINGLE CLEANOUT
	TWO-WAY CLEANOUT
	TRANSFORMER
	STORM INLET
	STORM MANHOLE
	LIGHT POLE
	PROPOSED TRAFFIC SIGN
	PAVEMENT STRIPING
	PARKING COUNT
	ELECTRIC SERVICE
	STORM SWALE
	STORM SEWER
	SEWER LINE
	GAS LINE
	FIRE LINE
	WATER LINE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EX STORM MANHOLE
	EX SANITARY MANHOLE
	EX STORM INLET
	EX LIGHT POLE
	EX ELECTRIC SERVICE
	EX GAS SERVICE
	EX WATER LINE
	EX STORM SEWER
	EX SANITARY SEWER
	EX TELEPHONE SERVICE
	EX FIRE HYDRANT
	EX TRAFFIC SIGN
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	EX TREE
	EX IRRIGATION VALVE
	EX WATER VALVE
	EX ELECTRIC BOX
	CONCRETE PAVEMENT
	ACCESSIBLE PATH

BASIS OF BEARING:

BEARINGS ARE BASED UPON THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS BEARING N02°13'40"W A DISTANCE OF 2699.17 FEET BETWEEN THE FOUND MONUMENTS SHOWN HEREON.

ORIGIN BENCHMARK:

A BRASS CAP LOCATED IN THE MEDIAN OF COUNTY LINE ROAD, EAST OF YOSEMITE STREET. CAP STAMPED "APAPAHOE COUNTY ENGINEERING, B.M. C 8813 88S 89E" ELEVATION = 5757.30

LEGAL DESCRIPTION:

A REPLAT OF LOT A1, BLOCK 2, PARKWAY SUBDIVISION FILING NO. 3, 4TH AMENDMENT LOCATED IN THE WEST HALF OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE SIXTH PRINCIPAL MERIDIAN
CITY OF LONE TREE, COUNTY OF DOUGLAS, STATE OF COLORADO

PROJECT CONTACTS

SANITARY SEWER
SOUTHGATE WATER AND SANITATION
3722 EAST ORCHARD ROAD
CENTENNIAL, CO 80121
CONTACT: DAVID KAHLICH
PHONE: 432-770-4997
EMAIL: REVIEWS@SOUTHGATEDISTRICTS.ORG

WATER
SOUTHGATE WATER AND SANITATION
3722 EAST ORCHARD ROAD
CENTENNIAL, CO 80121
CONTACT: DAVID KAHLICH
PHONE: 432-770-4997
EMAIL: REVIEWS@SOUTHGATEDISTRICTS.ORG

STORM DRAINAGE
CITY OF LONE TREE PUBLIC WORKS
9220 KIMMER DR, SUITE 100
LONE TREE, CO 80124
CONTACT: JACOB JAMES
PHONE: 720-509-1240
EMAIL: JACOB.JAMES@CITYOFLONETREE.COM

GAS
XCEL ENERGY
2655 NORTH 63RD STREET
BOULDER, CO 80301
CONTACT: JOHN SEADLER
PHONE: 720-610-2509
EMAIL: JOHN.SEADLER@XCELENERGY.COM

ELECTRIC
XCEL ENERGY
2655 NORTH 63RD STREET
BOULDER, CO 80301
CONTACT: JOHN SEADLER
PHONE: 720-610-2509
EMAIL: JOHN.SEADLER@XCELENERGY.COM

TELEPHONE / CABLE / FIBER
LUMEN (PREVIOUSLY CENTURY LINK)
CONTACT: TRAVIS YOUNG
PHONE: 303-263-1725
EMAIL: TRAVIS.YOUNG@LUMEN.COM

DEVELOPER
CHICK-FIL-A, INC.
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2732
CONTACT: MR. STEVE SCHWARTZ
PHONE: (303) 519-7206
EMAIL: STEVE.SCHWARTZ@CFACORP.COM

CIVIL ENGINEER
MERRICK & COMPANY
5970 GREENWOOD PLAZA BLVD.
GREENWOOD VILLAGE, CO 80111
CONTACT: MR. KELLAN BLACK
PHONE: (303) 353-3590
EMAIL: KELLAN.BLACK@MERRICK.COM

TELECOM
LUMEN
CONTACT: MR. MIKE PISARIK
EMAIL: MPISARIK@GILESENGR.COM

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4	EXISTING CONDITIONS & DEMO PLAN	C1.1
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6	SITE PLAN	C2.1
7	HORIZONTAL CONTROL PLAN	C3.0
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CITY OF LONE TREE APPROVAL

CITY OF LONE TREE

DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK



Chick-fil-A

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



FOR AND ON-BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
PRINTED FOR FOR CONSTRUCTION
DATE 09/22/23
DRAWN BY KEA
SHEET

COVER
SHEET NUMBER
C0.0

File Path: Q:\DEN\Projects\1141-00 CFA 470 & Yosemite 5190\CAD\CADD\CONSTRUCTION DOCUMENTS\1141 - CD - C0.0 - COVER.dwg Last Saved By: KBLACK 10/02/2023 4:47 PM 00-LS-0000-A101-SHEET NAME



CITY OF LONE TREE GENERAL NOTES:

- 1. CONTRACTOR MUST ADHERE TO THE FOLLOWING: THE CITY OF LONE TREE OBSERVES A HOLIDAY MORATORIUM ON ANY LANE CLOSURES FROM THE SATURDAY BEFORE THANKSGIVING TO THE 1ST OF JANUARY THE FOLLOWING YEAR FOR SOUTH YOSEMITE STREET.
2. THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE ENGINEERING DIVISION HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL CONFORMANCE WITH THE CITY OF LONE TREE SUBDIVISION RESOLUTION OR APPROVED VARIANCES TO THOSE REGULATIONS.
3. ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CURRENT DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION.
5. THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS, INSPECTION SECTION, (303) 662-8112, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION, AND/OR BEFORE RESTARTING CONSTRUCTION AFTER A SHUTDOWN OF MORE THAN 10 DAYS.
6. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION.
7. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY (SIGNED BY BOTH DESIGN ENGINEER AND CITY OF LONE TREE) OF THE CONSTRUCTION PLANS AND GESC REPORT AND PLAN, AND ONE (1) COPY OF THE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.
8. ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES, STORM SEWER, OR OTHER PURPOSES ARE LISTED AND REFERENCED BELOW:
8.1. ASPHALT & CURB CUT FOR DOMESTIC WATER SERVICE ON SOUTH YOSEMITE STREET.
8.2. ASPHALT & CURB CUT FOR FIRE SERVICE ON SOUTH YOSEMITE STREET.
8.3. ASPHALT & CURB CUT FOR SANITARY SEWER SERVICE ON SOUTH YOSEMITE STREET.
8.4. ASPHALT CUT FOR SANITARY SEWER MAIN ON SOUTH YOSEMITE STREET.
9. A ROW/CONSTRUCTION PERMIT MUST BE OBTAINED BEFORE ANY WORK WITHIN EXISTING OR PROPOSED PUBLIC ROW.
10. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR ACCEPTANCE WITH THE PERMIT APPLICATION.
11. THE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF CITY OF LONE TREE ACCEPTANCE/APPROVAL.
12. CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE ENGINEER INSPECTOR WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON ANY FACILITY WHICH WILL BE CONVEYED TO THE CITY, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE.

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), THE "COLORADO SUPPLEMENTAL MUTCD" AND THE DOUGLAS COUNTY "ROAD AND CONSTRUCTION STANDARDS MANUAL".
2. DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO "M AND S MANUAL".
3. SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATION TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.
4. INSTALLATION OF SIGNS SHALL CONFORM TO THE MUTCD MOUNTING HEIGHT REQUIREMENTS, INCLUDING A 7-FOOT MINIMUM HEIGHT FROM THE BOTTOM OF THE LOWEST SIGN PANEL TO THE TOP GRADE OF SIDEWALK.
5. ALL NEWLY INSTALLED TRAFFIC SIGNS SHALL MEET THE MINIMUM RETRO-REFLECTIVITY AND ILLUMINATION STANDARDS AS SET FORTH BY THE MUTCD (LATEST EDITION).
6. DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS.
7. THE CONTRACTOR INSTALLING SIGNS IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES.
8. FOLLOWING INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS DEPARTMENT.
9. SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TIME OF REVIEW.
10. FINAL STRIPING AND CROSSWALK LAYOUT TO BE APPROVED BY THE CITY OF LONE TREE PRIOR TO INSTALLATION.
11. CROSSWALKS SHALL: BE CONSTRUCTED USING 125 MIL PREFORMED THERMOPLASTIC.
12. ALL PAVEMENT MARKINGS SHALL BE AS FOLLOWS:
13. ALL PAVEMENT MARKING SHALL BE PRECEDED BY THE APPROPRIATE SURFACE PREPARATION.
14. ANY SIGNAGE AND/OR OTHER TRAFFIC CONTROL DEVICES REMOVED SHALL BE RETURNED TO THE CITY OF LONE TREE.
15. TYPE III LIGHTED BARRICADES SHALL BE SET AT ENDS OF ROADWAYS, SEPARATING FINISHED AND UNFINISHED CONSTRUCTION AREAS AND WILL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER.

NOTE: ALSO SEE CITY OF LONE TREE "STREET SIGN DETAILS" FOR ADDITIONAL INTERSECTION STREET SIGNAGE REQUIREMENTS.

R.O.W. IMPROVEMENT NOTES:

- 1. CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN TO THE CITY OF LONE TREE. TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE CITY PRIOR TO COMMENCEMENT OF ANY AND ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY.



Know what's below. Call before you dig.

GENERAL NOTES:

- 1. BENCHMARK ELEVATIONS ARE BASED UPON THE NGS BENCHMARK UNBENJUST, A BRASS DISK STAMPED "UNBENJUST 1992" AND SET IN THE NORTHWEST CORNER OF A 24'X16' ROCK OUTCROP.
2. PROJECT COORDINATES ARE MODIFIED COLORADO STATE PLANE CENTRAL ZONE COORDINATES.
3. SANITARY FACILITIES SHALL BE PROVIDED AND MAINTAINED ON THE SITE AT ALL TIMES BY THE CONTRACTOR.
4. THE APPROPRIATE AUTHORITIES SHALL BE CONTACTED FOR ALL NECESSARY INSPECTIONS WITH AT LEAST 48 HOURS ADVANCE NOTICE.
5. DUST SHALL BE PROPERLY CONTROLLED BY THE CONTRACTOR AT ALL TIMES.
6. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR UNDERGROUND UTILITIES.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY INCLUDING BUT NOT LIMITED TO SAFETY DURING TRENCH EXCAVATION AND SHORING, TRAFFIC CONTROL, AND SECURITY.
8. THE CONTRACTOR MUST SECURE ALL REQUIRED PERMITS PRIOR TO THE START OF CONSTRUCTION.
9. THE CONTRACT DOCUMENTS AND SPECIFICATIONS THAT ARE SPECIFIC TO THIS PROJECT SHALL CONTROL ALL WORK EXCEPT WHEN STANDARDS AND SPECIFICATIONS OF DOUGLAS COUNTY CONFLICT OR OVERRIDE.

MERRICK GENERAL NOTES:

- 1. THE OWNER SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE.
2. THE PROJECT PLANS AND SPECIFICATIONS AS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, FOR AND ON BEHALF OF MERRICK AND COMPANY.
3. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
4. THE PROJECT PLANS AND SPECIFICATIONS ARE INTENDED TO PROVIDE THE COMPLETED PROJECT IN A COMPLETE AND OPERABLE CONDITION.
5. UPON COMPLETION OF CONSTRUCTION, THE SITE SHALL BE CLEANED AND RESTORED TO A CONDITION EQUAL TO, OR BETTER THAN, THAT WHICH EXISTED BEFORE CONSTRUCTION.
6. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE MAY CAUSE THE WORK TO BE DEEMED UNACCEPTABLE.
7. MERRICK & COMPANY IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK.
8. WHEN APPLICABLE, THE OWNER SHALL HAVE ONSITE AT ALL TIMES, EACH OF THE FOLLOWING:
8.1. THE NOTICE OF INTENT (NOI)
8.2. BEST MANAGEMENT PRACTICES (BMP) MAINTENANCE FOLDER
8.3. UP TO DATE STORMWATER MANGEMENT PLAN (SWMP) THAT ACCURATELY REPRESENTS CURRENT FIELD CONDITIONS
8.4. ONE (1) SIGNED COPY OF THE APPROVED PLANS
8.5. ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS
8.6. A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB.
9. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE CITY OF LONE TREE STANDARDS AND APPLICABLE STATE AND FEDERAL REGULATIONS.
10. DO NOT SCALE DRAWINGS. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING.
11. THE BOUNDARY AND TOPOGRAPHIC INFORMATION ON THESE PLANS IS TAKEN FROM FIELD SURVEYS PREPARED BY MERRICK AND COMPANY DATED MARCH 21, 2022 AND ADDITIONAL INFORMATION DATED DECEMBER 12, 2022.
12. THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL EVALUATION WHEN COMPLETED.
13. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY TO COMPLETE THE WORK AND SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
14. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF ALL PERSONNEL AND EQUIPMENT ON THE PROJECT SITE AT ALL TIMES.
15. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE OWNER SHALL CONTACT THE DESIGNER AND THE LOCAL ENTITY ENGINEER IMMEDIATELY.
16. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
17. THERE SHALL BE NO WORK PERFORMED ON WEEKENDS OR HOLIDAYS, UNLESS APPROVED AND APPROVED IN WRITING AND IN ADVANCE BY THE OWNER, ENGINEER, AND LOCAL JURISDICTION.
18. MAINTAIN EMERGENCY VEHICLE ACCESS TO AND THROUGH THE PROJECT SITE AT ALL TIMES.
19. ACCESS TO PRIVATE PROPERTY AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
20. THE CONTRACTOR SHALL CALL THE NATIONWIDE UTILITY CONTACT NUMBER (811) OR LOCAL UTILITY LOCATE SERVICE.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES, INCLUDING DEPTH, THE TYPE, SIZE, LOCATION AND NUMBER OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES.

- 22. APPROXIMATE WHEN SHOWN ON THE DRAWINGS. ALL UTILITY INSTALLATIONS WITHIN OR ACROSS THE ROADBED OF NEW RESIDENTIAL ROADS MUST BE COMPLETED PRIOR TO THE FINAL STAGES OF ROAD CONSTRUCTION.
23. A STATE CONSTRUCTION DEWATERING WASTEWATER DISCHARGE PERMIT IS REQUIRED IF DEWATERING IS REQUIRED IN ORDER TO INSTALL UTILITIES OR BEFORE WATER IS DISCHARGED INTO A STORM SEWER, CHANNEL, IRRIGATION DITCH OR ANY WATERS OF THE UNITED STATES.
24. THE OWNER SHALL COORDINATE AND COOPERATE WITH THE LOCAL ENTITY, AND ALL UTILITY COMPANIES INVOLVED, WITH REGARD TO RELOCATIONS, ADJUSTMENTS, EXTENSIONS AND REARRANGEMENTS OF EXISTING UTILITIES DURING CONSTRUCTION.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES DURING CONSTRUCTION AND FOR COORDINATING WITH THE APPROPRIATE UTILITY COMPANY FOR ANY UTILITY CROSSINGS REQUIRED.
26. THE CONTRACTOR SHALL VERIFY SITE CONDITIONS, EXISTING TOPOGRAPHIC DATA, AND LOCATIONS OF ALL UTILITIES PRIOR TO INITIATING CONSTRUCTION.
27. ANY DISRUPTION IN UTILITIES SHALL BE COORDINATED AT LEAST 48 HOURS IN ADVANCE WITH THE UTILITY OWNER, PROJECT OWNER, EMERGENCY PROVIDERS, ALL IMPACTED LOCAL RESIDENTS, AND IMPACTED BUSINESS OWNERS.
28. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF SURFACE CONDITIONS DISTURBED BY CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE OWNER, PROPERTY OWNER, AFFECTED UTILITY, AND/OR LOCAL JURISDICTION.
29. OVERLOT GRADING CONSTRUCTION MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
30. PAVING SHALL NOT START UNTIL A SOILS REPORT AND PAVEMENT DESIGN IS ACCEPTED BY THE LOCAL ENTITY ENGINEER AND SUBGRADE COMPACTION TESTS ARE TAKEN AND ACCEPTED BY THE LOCAL ENTITY ENGINEER.
31. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING SOILS TESTS WITHIN THE PUBLIC RIGHT-OF-WAY AFTER RIGHT OF WAY GRADING AND ALL UTILITY TRENCH WORK IS COMPLETE.
32. ALL ROAD CONSTRUCTION IN AREAS DESIGNATED AS WILD FIRE HAZARD AREAS SHALL BE DONE IN ACCORDANCE WITH THE CONSTRUCTION CRITERIA AS ESTABLISHED IN THE WILD FIRE HAZARD AREA MITIGATION REGULATIONS IN FORCE AT THE TIME OF FINAL PLAN APPROVAL.
33. THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO VARIOUS FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
34. TRAFFIC CONTROL STANDARDS FOR THIS PROJECT SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
35. THE OWNER SHALL SUBMIT A CONSTRUCTION TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH MUTCD, TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY.
36. SAW CUT ALL JOINTS IN EXISTING PAVEMENTS. SAW CUT JOINTS IN CURB AND GUTTER SECTIONS SHALL BE CONTINUOUS THROUGH THE CURB HEAD.
37. INSTALL SEDIMENTATION AND EROSION CONTROL MEASURES PRIOR TO INITIATING ANY WORK ON THE PROJECT SITE.
38. ALL STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AT THE LIMITS OF CONSTRUCTION AND AT AREAS WITH DISTURBED SOIL, ON-OR OFF-SITE.
39. THE OWNER SHALL BE RESPONSIBLE FOR INSURING THAT NO MUD OR DEBRIS SHALL BE TRACKED ONTO THE EXISTING PUBLIC STREET SYSTEM.
40. ALL WASTE MATERIALS SHALL BE PROPERLY DISPOSED OF IN AN APPROVED LANDFILL PERMITTED TO ACCEPT THAT PARTICULAR TYPE OF WASTE.
41. WHERE CONFLICTS EXIST BETWEEN GENERAL NOTES AND THE NOTES OF SPECIFIC GOVERNING JURISDICTIONS, THE GREATER STANDARD OR REQUIREMENT SHALL PREVAIL.
42. CONTRACTOR RESPONSIBLE FOR PROVIDING STRUCTURAL DESIGN OF PROPOSED RETAINING WALL AND PROCESSING STRUCTURAL DRAWINGS THROUGH CITY OF LONE TREE PUBLIC WORKS.
43. A COLORADO PE SIGNED/SEALED WALL DESIGN MUST BE PREPARED AND SUBMITTED TO THE CITY (ATTENTION PUBLIC WORKS/ENGINEERING)
44. THE CITY WILL "RECEIVE AND PLACE ON FILE" THE DESIGN REPORT.
45. DURING CONSTRUCTION OF THE WALL, THE DEVELOPER/CONTRACTOR SHALL PROVIDE, VIA A THIRD PARTY ENTITY, SUFFICIENT INSPECTION/DOCUMENTATION TO BE ABLE TO PROVIDE TO THE CITY (ATTENTION PUBLIC WORKS/ENGINEERING) A PE SIGNED/SEALED POST CONSTRUCTION CERTIFICATION THAT THE WALL(S) WERE CONSTRUCTED IN GENERAL CONFORMANCE WITH THE SUBMITTED PE SIGNED/SEALED DESIGN.
46. THE NOTED CONSTRUCTION CERTIFICATION MUST BE SUBMITTED TO THE CITY PRIOR TO ISSUANCE OF FINAL CERTIFICATE(S) OF OCCUPANCY.
47. THE CITY (VIA PUBLIC WORKS/ENGINEERING WILL "RECEIVE AND PLACE ON FILE" THE PE SIGNED/SEALED POST CONSTRUCTION WALL CERTIFICATION.
48. ALL EXISTING AND PROPOSED VALVE AND MANHOLE COVERS SHALL BE ADJUSTED TO FINAL PAVEMENT GRADE DURING CONSTRUCTION.
49. THE MAXIMUM CROSS SLOPE FOR ANY SIDEWALK SHALL NOT EXCEED 2.00%.
50. ALL EXTERIOR STEPS SHALL HAVE RISER HEIGHTS AS NOTED ON THE GRADING PLAN AND 12-INCH TREAD DEPTHS (UNLESS OTHERWISE NOTED).
51. TREADS SHALL HAVE A SLOPE OF ONE PERCENT AND SHALL HAVE A 1/2-INCH RADIUS ON THE NOSING.
52. LANDINGS SHALL HAVE A MAXIMUM SLOPE, IN ANY DIRECTION, OF TWO PERCENT AND SHALL NOT BE LESS THAN FIVE FEET WIDE IN ANY DIRECTION.
53. CURB RAMPS SHALL MEET CITY OF LONE TREE, DOUGLAS COUNTY, AND ADA STANDARDS.
54. ACCESSIBLE ROUTE CROSSINGS ON ASPHALT PAVEMENT SHALL BE LESS BLUE-TOPPED IN THE FIELD PRIOR TO PLACING PAVEMENT.
55. SLOPE AWAY FROM ALL BUILDING FOUNDATIONS SHALL NOT BE LESS THAN FIVE PERCENT (5%) FOR THE FIRST 10 FEET AND TWO PERCENT (2%) THEREAFTER.
56. THE CONTRACTOR SHALL SUBMIT STORM SEWER INLET SHOP DRAWINGS AND DESIGN ANALYSIS FOR INLETS MORE THAN 6 FEET IN DEPTH AND FOR INLETS THAT REQUIRE A LARGE BASE DUE TO PIPE SIZE AND PIPE ANGLE.
57. ALL STORM SEWER, LANDSCAPE, AND IRRIGATION IS PRIVATELY OWNED AND MAINTAINED.

Table with 2 columns: CITY OF LONE TREE APPROVAL, CITY OF LONE TREE. Includes fields for CONSULTANT PROJECT #, PRINTED FOR, DATE, DRAWN BY, SHEET, NOTES, SHEET NUMBER, and ENGINEERING DIVISION ACCEPTANCE BLOCK.

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Chick-fil-A 5200 Buffington Road Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD GREENWOOD VILLAGE, CO 80111 303-751-0741

FOR AND ON BEHALF OF MERRICK AND COMPANY

CHICK-FIL-A HWY 470 & YOSEMITE NWC OF HWY 470 & YOSEMITE LONE TREE, CO 80124 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

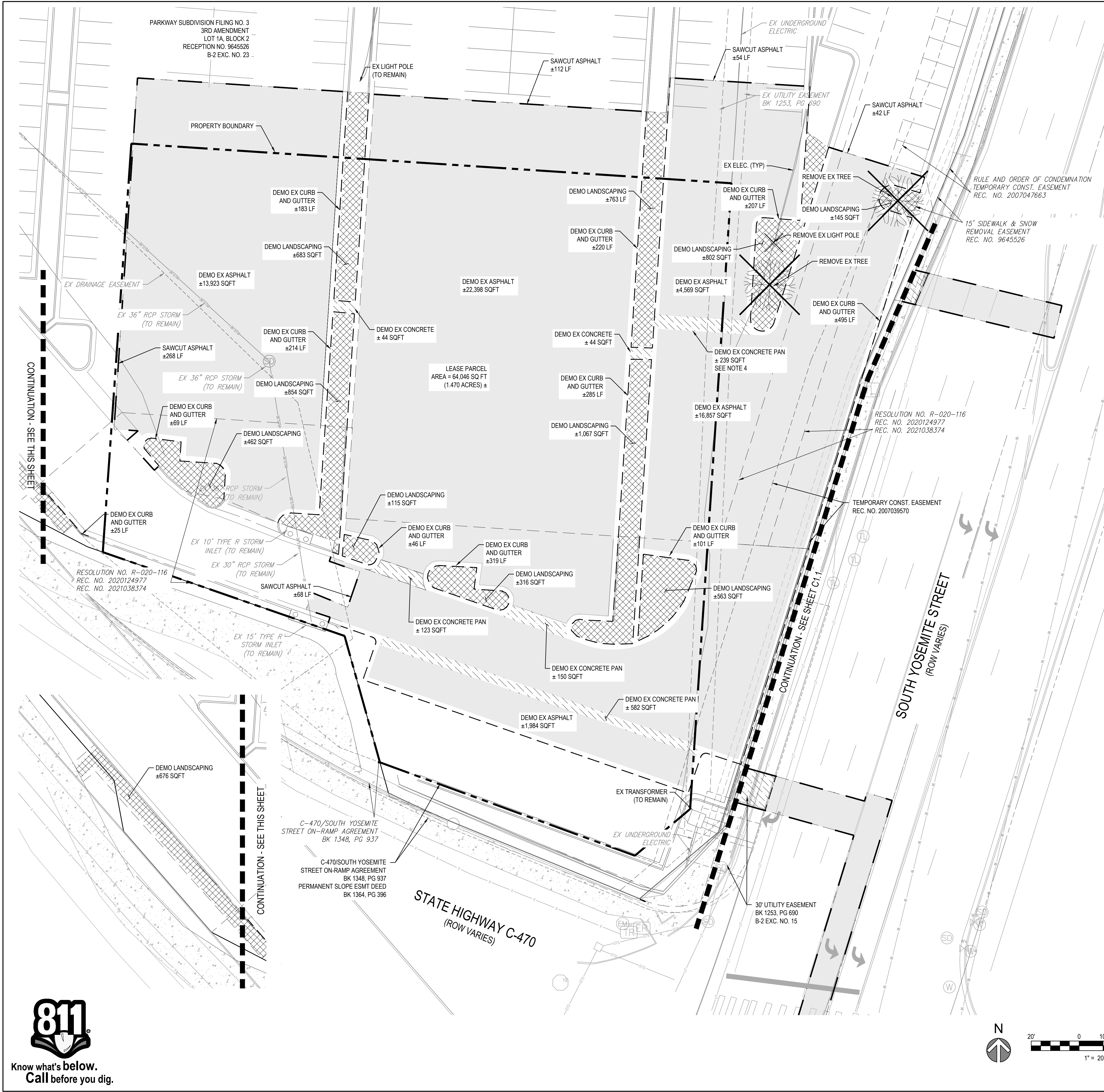
FSR#05190 BUILDING TYPE / SIZE: P13 LS LRG (MOD) RELEASE: 22.05 REVISION SCHEDULE NO. DATE DESCRIPTION

CONSTRUCTION DOCUMENTS

Table with 2 columns: CITY OF LONE TREE APPROVAL, CITY OF LONE TREE. Includes fields for CONSULTANT PROJECT #, PRINTED FOR, DATE, DRAWN BY, SHEET, NOTES, SHEET NUMBER, and ENGINEERING DIVISION ACCEPTANCE BLOCK.

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NOTES:

1. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
2. CONTRACTOR TO PROTECT IN PLACE ALL FEATURES TO REMAIN.
3. CONTRACTOR TO INSTALL ALL STORM CONTROL MEASURES PRIOR TO COMMENCING DEMOLITION.
4. CONTRACTOR SHALL RELOCATE AND/OR ADJUST ELEVATIONS OF EXISTING UTILITIES AS NECESSARY TO ENSURE COMPLETION OF PROPOSED IMPROVEMENT AND NOT INTERFERE WITH OTHER UTILITIES, ROADWAY OR PEDESTRIAN FACILITIES. UTILITY ON GRADE MUST BE LOCATED WITHIN LANDSCAPE AREAS. CONTRACTOR TO COORDINATE WITH EACH UTILITY PURVEYOR TO CONFIRM CONTRACTOR/PURVEYOR RESPONSIBILITIES OF RELOCATION OF EXISTING UTILITIES.

ORIGIN BENCHMARK:

A BRASS CAP LOCATED IN THE MEDIAN OF COUNTY LINE ROAD, EAST OF YOSEMITE STREET. CAP STAMPED "APAPAHOE COUNTY ENGINEERING, B.M. C 8813 88S 89E" ELEVATION = 5757.30

BASIS OF BEARING:

BEARINGS ARE BASED UPON THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS BEARING N02°13'40"W A DISTANCE OF 2699.17 FEET BETWEEN THE FOUND MONUMENTS SHOWN HEREON.

LEGEND:

- PROPERTY LINE
- XXXXXXXXXXXXX EX UTILITY TO BE REMOVED
- EX CURB TO BE REMOVED
- SAWCUT LINE
- STRIPING TO BE REMOVED
- STORM SEWER TO BE ABANDONED
- EX ASPHALT TO BE REMOVED
- EX CONCRETE TO BE REMOVED
- EX LANDSCAPE AREA TO BE REMOVED
- EX TREE TO BE REMOVED



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

FOR AND ON-BEHALF OF MERRICK AND COMPANY



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON-BEHALF OF MERRICK AND COMPANY

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

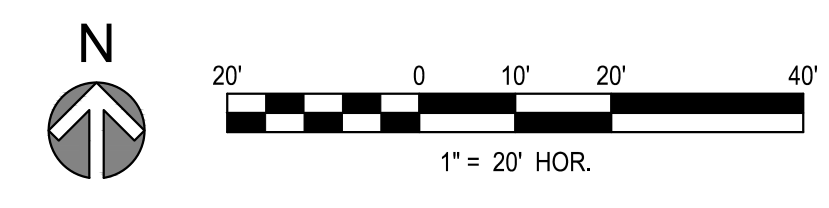
REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
DRAWN BY	KEA
SHEET	








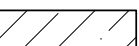


EXISTING CONDITIONS & DEMO PLAN
SHEET NUMBER

C1.0



CONSTRUCTION DOCUMENTS

LEGEND:

-  PROPERTY LINE
-  EX UTILITY TO BE REMOVED
-  EX CURB TO BE REMOVED
-  SAWCUT LINE
-  STRIPING TO BE REMOVED
-  STORM SEWER TO BE ABANDONED
-  EX ASPHALT TO BE REMOVED
-  EX CONCRETE TO BE REMOVED
-  EX LANDSCAPE AREA TO BE REMOVED
-  EX TREE TO BE REMOVED

NOTES:

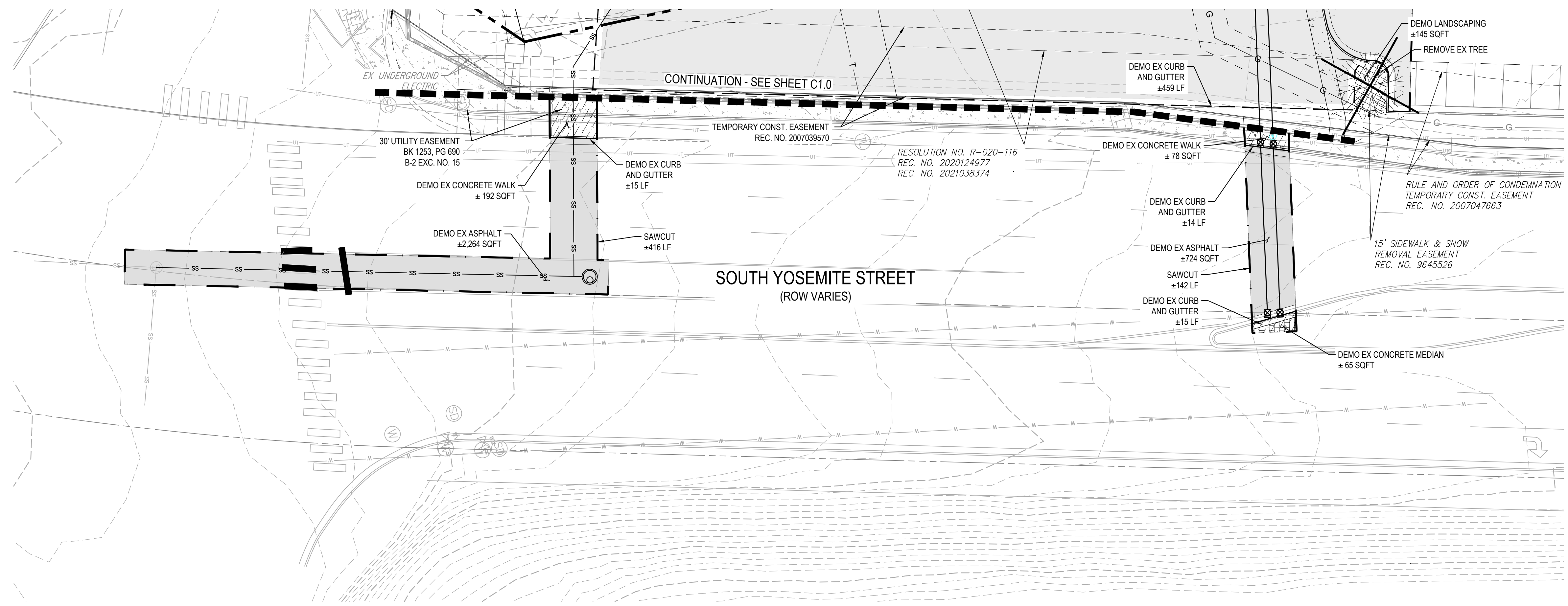
1. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
2. CONTRACTOR TO PROTECT IN PLACE ALL FEATURES TO REMAIN.
3. CONTRACTOR TO INSTALL ALL STORM CONTROL MEASURES PRIOR TO COMMENCING DEMOLITION.
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ORIGIN BENCHMARK:

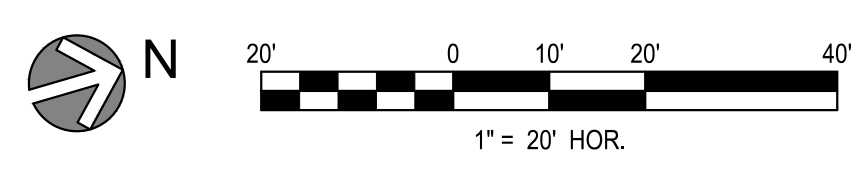
A BRASS CAP LOCATED IN THE MEDIAN OF COUNTY LINE ROAD, EAST OF YOSEMITE STREET, CAP STAMPED "APAPAHOE COUNTY ENGINEERING, B.M. C 8813 88S 89E" ELEVATION = 5757.30

BASIS OF BEARING:

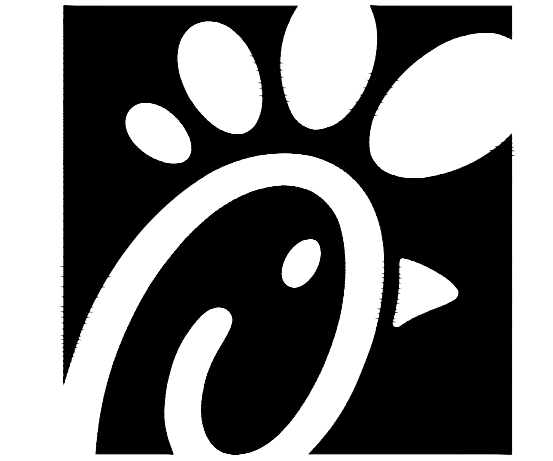
BEARINGS ARE BASED UPON THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS BEARING N02°13'40"W A DISTANCE OF 2699.17 FEET BETWEEN THE FOUND MONUMENTS SHOWN HEREON.



Know what's below.
Call before you dig.



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	



Chick-fil-A

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

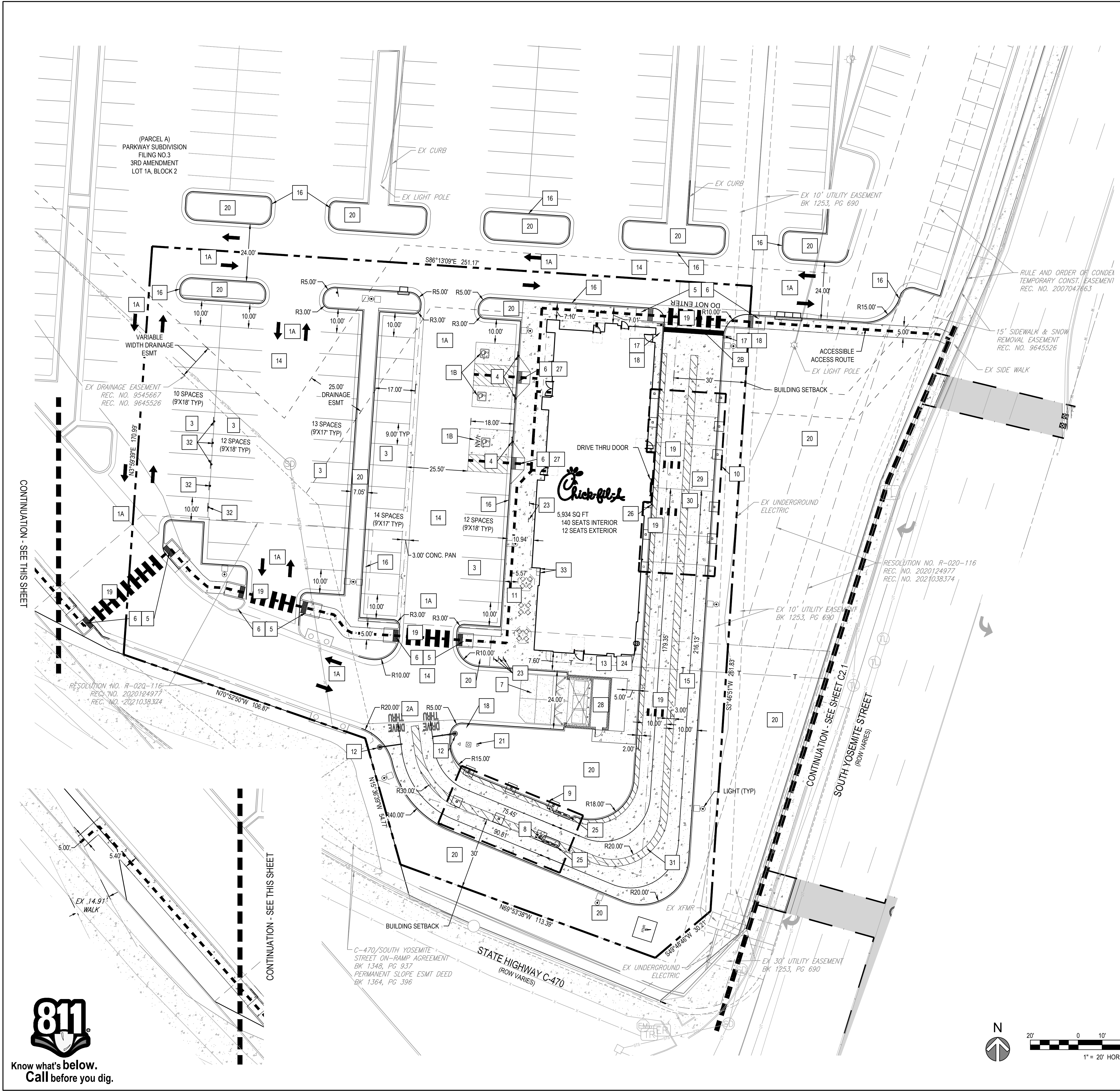
CONSULTANT PROJECT #	65121141
PRINTED FOR	FOR CONSTRUCTION
DATE	09/22/23
DRAWN BY	KEA
SHEET	

EXISTING CONDITIONS & DEMO PLAN
SHEET NUMBER

C1.1

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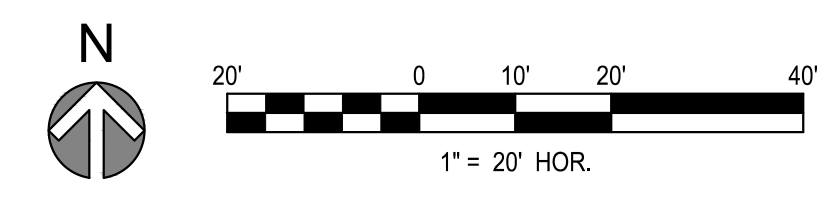
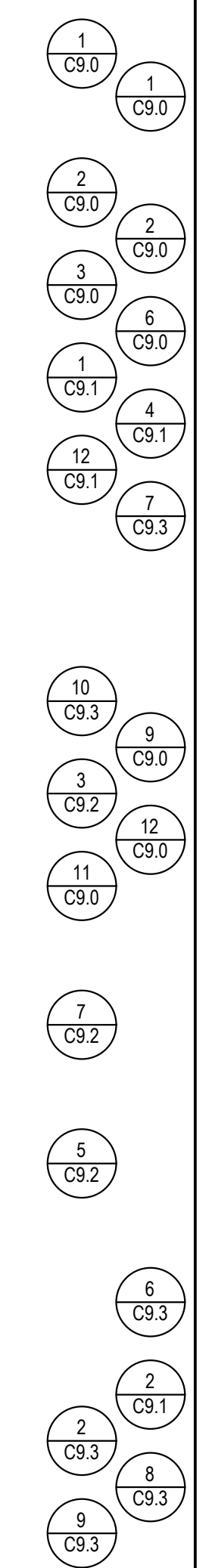
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- NOTES:**
- 1) ALL DIMENSIONS ARE FROM FLOWLINE UNLESS OTHERWISE NOTED.
 - 2) REFER TO ARCHITECTURE PLANS FOR CANOPY INFORMATION.
 - 3) REFER TO SIGNAGE PACKAGE FOR ALL SITE AND CHICK-FIL-A SIGN DETAILS.
 - 4) ALL CURB ALONG CONCRETE DRIVE THROUGH TO BE MONOLITHICALLY POURED WITH DRIVE THROUGH STRIPING ON ASPHALT TO BE WHITE PAINT AND STRIPING ON CONCRETE TO BE YELLOW PAINT.

SITE PLAN DESIGN NOTES & KEY PLAN

- 1 PAVEMENT MARKINGS - 1
 - 1A DIRECTIONAL ARROW
 - 1B ACCESSIBILITY SYMBOL
- 2 PAVEMENT MARKINGS - 2
 - 2A DRIVE-THRU
 - 2B STOP BAR
- 3 90 DEGREE PARKING STRIPING
- 4 ACCESSIBLE PARKING SIGN
- 5 CURB RAMP w/ SHORT FLARED SIDES
- 6 DETECTABLE WARNING DEVICE
- 7 CONCRETE APRON @ TRASH ENCLOSURE
- 8 DRIVE-THRU ORDER POINT ISLAND
- 9 DRIVE-THRU CANOPY
- 10 MEAL-DELIVERY CANOPY
- 11 OUTDOOR SEATING
- 12 DRIVE-THRU CLEARANCE BAR
- 13 CONCRETE SIDEWALK
- 14 TYPICAL HMAC PAVEMENT SECTION
- 15 CONCRETE PAVEMENTS
- 16 CONCRETE CURB & GUTTER
- 17 PEDESTRIAN CROSSING SIGN
- 18 STOP SIGN / DO NOT ENTER SIGN
- 19 CROSS WALK MARKINGS
- 20 LANDSCAPING
- 21 FLAG POLE
- 22 CONCRETE BOLLARD
- 23 BIKE RACK
- 24 GAS METER
- 25 MENU BOARD LOOP DETECTION SYSTEM (ISO. VIEW)
- 26 BOLLARD
- 27 CURB RAMP w/ FLARED SIDES
- 28 SCREENED REFUSE ENCLOSURE
- 29 DRIVE-THRU PLAN - FLUSH WITH FFE
- 30 DRIVE-THRU ISOMETRIC
- 31 4" WIDE STRIPES @ 3' O.C., YELLOW REFLECTIVE PAINT WITH ANTI-SLIP ADHESIVE
- 32 NO PARKING DURING SNOW STORM SNOW STORAGE SPACE
- 33 TRASH RECEPTACLE



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	DATE
DATE	THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.
ENGINEERING DIVISION ACCEPTANCE BLOCK	

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
 HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
 PRINTED FOR FOR CONSTRUCTION
 DATE 09/22/23
 DRAWN BY KEA
 SHEET
SITE PLAN
 SHEET NUMBER
C2.0

Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998

MERRICK
 5970 GREENWOOD PLAZA BLVD
 GREENWOOD VILLAGE, CO 80111
 303-751-0741

FOR AND ON BEHALF OF
 MERRICK AND COMPANY

SITE PLAN DESIGN NOTES & KEY PLAN

- 1 PAVEMENT MARKINGS - 1
 - 1A DIRECTIONAL ARROW
 - 1B ACCESSIBILITY SYMBOL
- 2 PAVEMENT MARKINGS - 2
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- 6 DETECTABLE WARNING DEVICE
- 7 CONCRETE APRON @ TRASH ENCLOSURE
- 8 DRIVE-THRU ORDER POINT ISLAND
- 9 DRIVE-THRU CANOPY
- 10 MEAL-DELIVERY CANOPY

- 1 C9.0
- 2 C9.0
- 3 C9.0
- 1 C9.1
- 12 C9.1

- 11 OUTDOOR SEATING
- 12 DRIVE-THRU CLEARANCE BAR
- 13 CONCRETE SIDEWALK
- 14 TYPICAL HMAC PAVEMENT SECTION
- 15 CONCRETE PAVEMENTS
- 16 CONCRETE CURB & GUTTER
- 17 PEDESTRIAN CROSSING SIGN
- 18 STOP SIGN / DO NOT ENTER SIGN
- 19 CROSS WALK MARKINGS
- 20 LANDSCAPING
- 21 FLAG POLE
- 22 CONCRETE BOLLARD
- 23 BIKE RACK
- 24 GAS METER

- 10 C9.2
- 3 C9.2
- 11 C9.0
- 7 C9.2
- 5 C9.2

- 25 MENU BOARD LOOP DETECTION SYSTEM (ISO. VIEW)
- 27 CURB RAMP w/ FLARED SIDES
- 28 SCREENED REFUSE ENCLOSURE
- 29 DRIVE-THRU PLAN - FLUSH WITH FFE
- 30 DRIVE-THRU ISOMETRIC
- 31 4" WIDE STRIPES @ 3' O.C. YELLOW REFLECTIVE PAINT WITH ANTI-SLIP ADHESIVE
- 32 YOSEMITE HMAC PAVEMENT SECTION

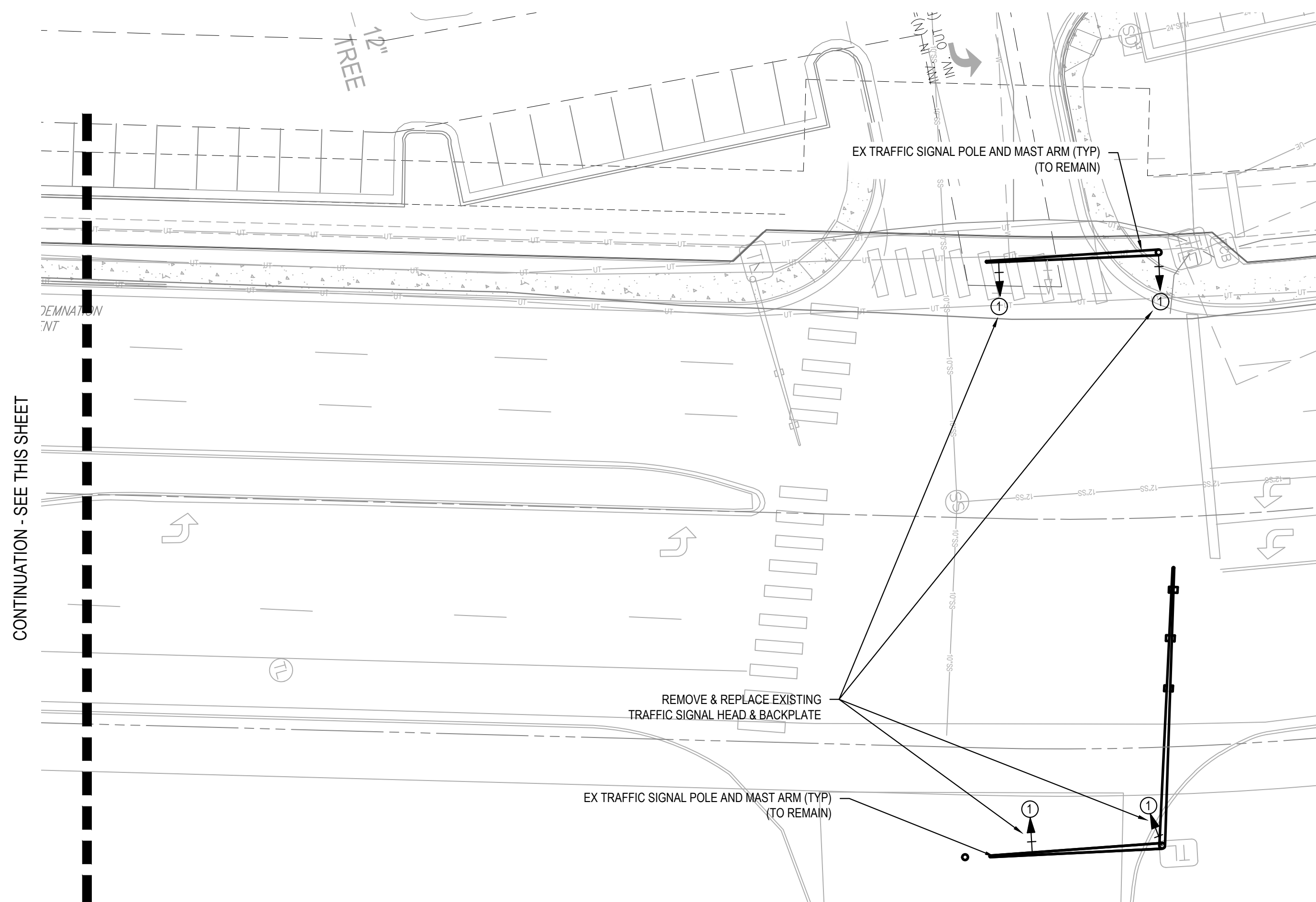
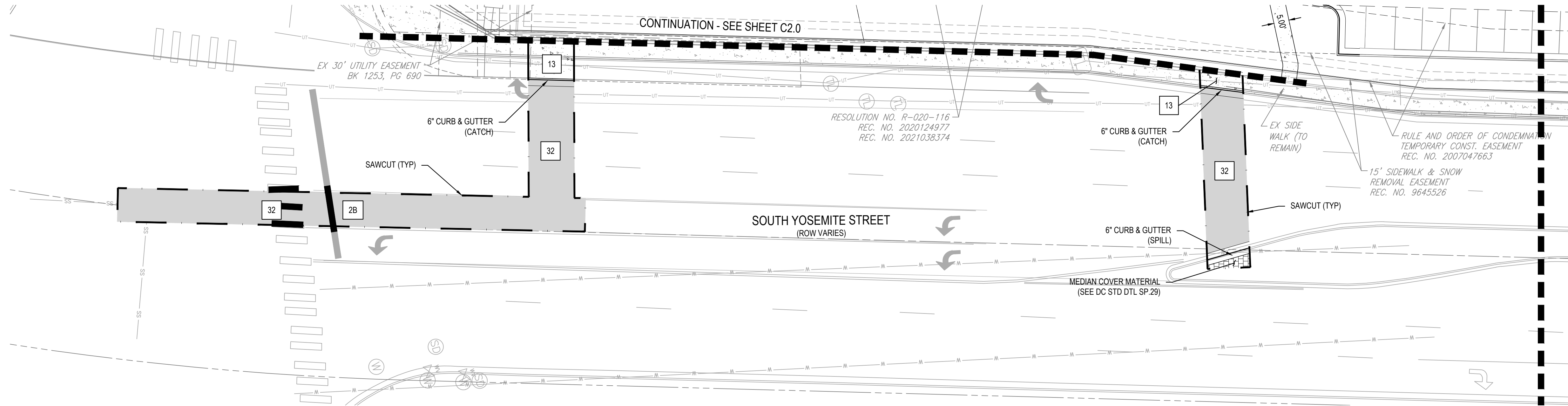
- 6 C9.3
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- 9 C9.3

TRAFFIC SIGNAL SYMBOLS

TRAFFIC SIGNAL HEAD & BACKPLATE

NOTES:

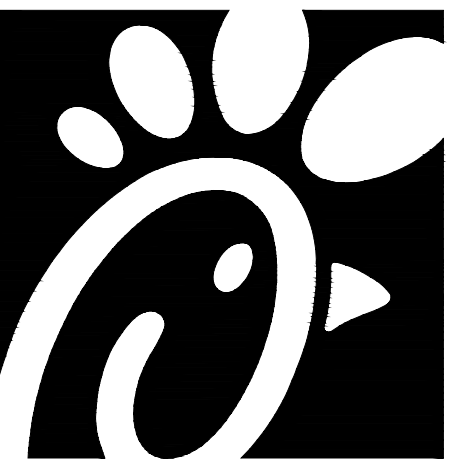
- 1) ALL DIMENSIONS ARE FROM FLOWLINE UNLESS OTHERWISE NOTED.
- 2) REFER TO ARCHITECTURE PLANS FOR CANOPY INFORMATION.
- 3) REFER TO SIGNAGE PACKAGE FOR ALL SITE AND CHICK-FIL-A SIGN DETAILS.
- 4) ALL CURB ALONG CONCRETE DRIVE THROUGH TO BE MONOLITHICALLY POURED WITH DRIVE THROUGH.
- 5) STRIPING ON ASPHALT TO BE WHITE PAINT AND STRIPING ON CONCRETE TO BE YELLOW PAINT.



- NOTES:**
- 1) ALL EXISTING TRAFFIC CONTROL INFRASTRUCTURE AT THE INTERSECTION OR YOSEMITE AND THE SITE EXIT IS TO REMAIN UNLESS OTHERWISE IDENTIFIED ON THIS PLAN.
 - 2) CONTRACTOR TO SEND TRAFFIC SIGNAL SUBMITTALS TO CITY FOR APPROVAL PRIOR TO ORDERING MATERIALS AND COORDINATE WITH CITY ON SPECIFIC SIGNAL HEAD LOCATIONS.
 - 3) CITY TO PROVIDE UPDATED SIGNAL TIMING PLANS



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	DATE
DATE	DATE
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ENGINEERING DIVISION ACCEPTANCE BLOCK	



Chick-fil-A

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



FOR AND ON BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT #	65121141
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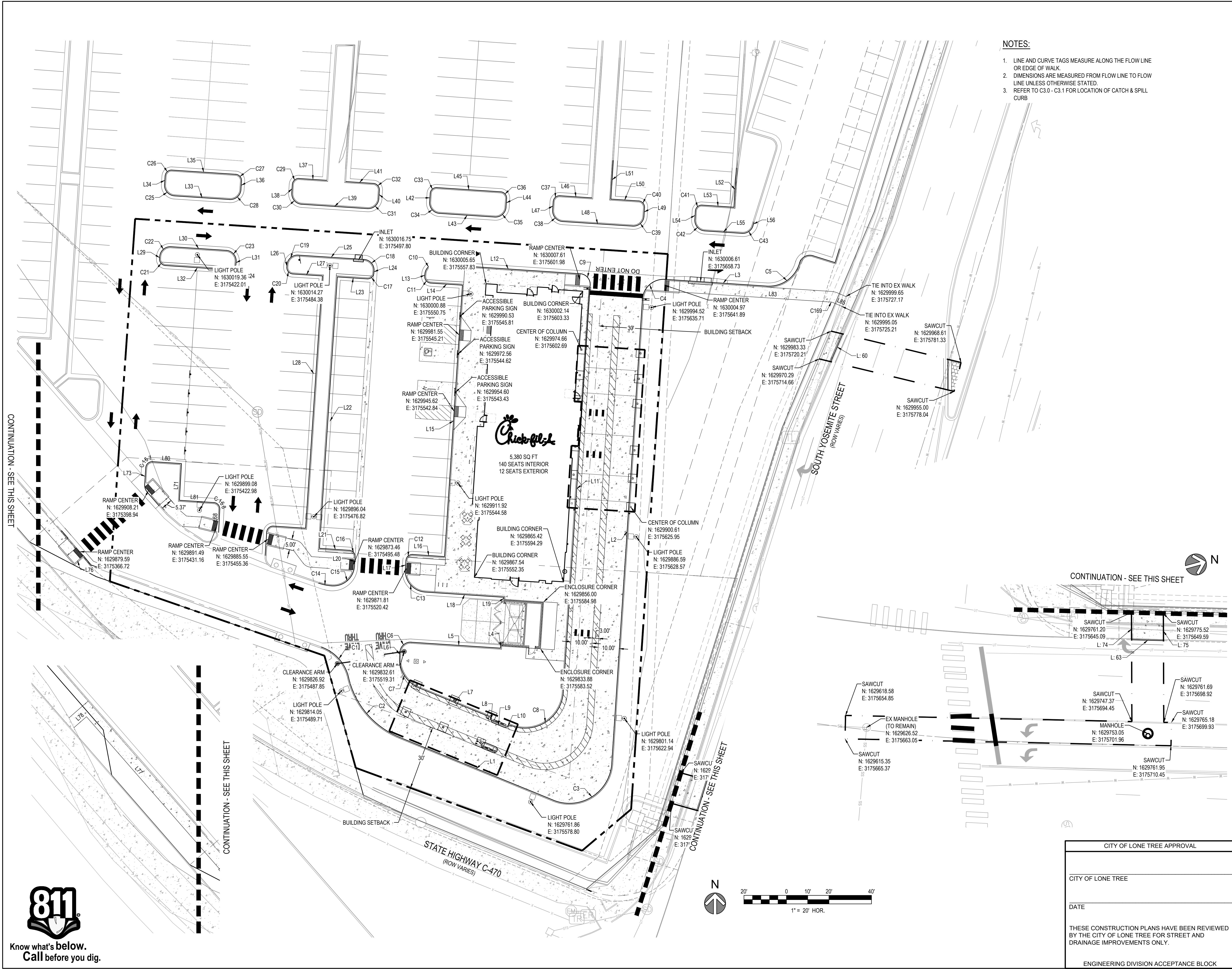
SITE PLAN

SHEET NUMBER

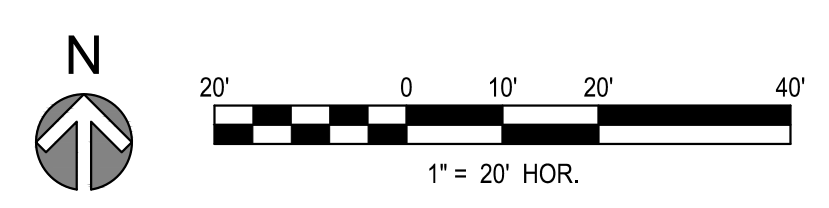
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- NOTES:**
1. LINE AND CURVE TAGS MEASURE ALONG THE FLOW LINE OR EDGE OF WALK.
 2. DIMENSIONS ARE MEASURED FROM FLOW LINE TO FLOW LINE UNLESS OTHERWISE STATED.
 3. REFER TO C3.0 - C3.1 FOR LOCATION OF CATCH & SPILL CURB



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
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ENGINEERING DIVISION ACCEPTANCE BLOCK	



Chick-fil-A

Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



FOR AND ON BEHALF OF
 MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOO)
 RELEASE: 22.05

REVISION SCHEDULE		
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CONSULTANT PROJECT #	65121141
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DATE	09/22/23
DRAWN BY	KEA
SHEET	
HORIZONTAL CONTROL PLAN	
SHEET NUMBER	

C3.0

LINE TABLE				
LINE #	BEARING	LENGTH	START N/E	END N/E
L: 60	S23° 11' 39"W	14.20'	N: 1629982.043 E: 3175725.645	N: 1629968.991 E: 3175720.052
L: 63	S17° 27' 29"W	15.01'	N: 1629772.063 E: 3175661.922	N: 1629757.747 E: 3175657.420
L: 74	N74° 20' 29"W	51.27'	N: 1629747.366 E: 3175694.453	N: 1629761.203 E: 3175645.088
L: 75	S74° 20' 29"E	51.24'	N: 1629775.520 E: 3175649.589	N: 1629761.691 E: 3175698.923
L1	N67° 45' 35"W	78.28'	N: 1629762.680 E: 3175589.468	N: 1629792.309 E: 3175517.009
L2	N3° 46' 51"E	219.00'	N: 1629779.873 E: 3175616.995	N: 1629998.397 E: 3175631.435
L3	N86° 13' 09"W	47.96'	N: 1630004.553 E: 3175689.925	N: 1630007.716 E: 3175642.073
L4	S3° 46' 51"W	1.42'	N: 1629835.622 E: 3175564.761	N: 1629834.209 E: 3175564.667
L5	N86° 13' 09"W	42.13'	N: 1629834.209 E: 3175564.667	N: 1629836.986 E: 3175522.633
L6	N3° 46' 51"E	2.01'	N: 1629830.323 E: 3175517.182	N: 1629832.327 E: 3175517.314
L7	N67° 45' 35"W	35.80'	N: 1629801.898 E: 3175559.612	N: 1629815.449 E: 3175526.472
L8	N22° 45' 35"W	2.83'	N: 1629799.290 E: 3175560.706	N: 1629801.898 E: 3175559.612
L9	N67° 45' 35"W	6.55'	N: 1629796.809 E: 3175566.772	N: 1629799.290 E: 3175560.706
L10	S67° 14' 25"W	2.83'	N: 1629797.903 E: 3175569.381	N: 1629796.809 E: 3175566.772
L11	S3° 46' 51"W	192.07'	N: 1630005.034 E: 3175606.819	N: 1629813.377 E: 3175594.154
L12	S86° 13' 09"E	67.92'	N: 1630014.832 E: 3175534.385	N: 1630010.353 E: 3175602.160
L13	N3° 46' 51"E	1.00'	N: 1630009.174 E: 3175529.001	N: 1630010.172 E: 3175529.066
L14	N86° 13' 09"W	15.00'	N: 1630004.994 E: 3175546.764	N: 1630005.983 E: 3175531.796
L15	N3° 46' 51"E	128.00'	N: 1629877.273 E: 3175538.324	N: 1630004.994 E: 3175546.764
L16	S86° 13' 09"E	15.00'	N: 1629878.262 E: 3175523.356	N: 1629877.273 E: 3175538.324

CURVE TABLE							
CURVE #	LENGTH	DELTA	RADIUS	CRD LENGTH	CRD RADIUS	START N/E	END N/E
C1	20.14'	57° 42' 18"	20.00'	19.30	N41° 50' 23"W	N: 1629820.344 E: 3175493.172	N: 1629834.725 E: 3175480.297
C2	38.24'	54° 46' 21"	40.00'	36.80	S40° 22' 25"E	N: 1629820.344 E: 3175493.172	N: 1629792.309 E: 3175517.009
C3	37.86'	108° 27' 37"	20.00'	32.45	N58° 00' 38"E	N: 1629762.680 E: 3175589.468	N: 1629779.873 E: 3175616.995
C4	15.71'	90° 00' 02"	10.00'	14.14	S48° 46' 50"W	N: 1630007.716 E: 3175642.073	N: 1629998.397 E: 3175631.435
C5	20.02'	76° 27' 25"	15.00'	18.56	N55° 33' 09"E	N: 1630004.553 E: 3175689.925	N: 1630015.054 E: 3175705.234
C6	7.85'	90° 00' 00"	5.00'	7.07	S48° 46' 51"W	N: 1629836.986 E: 3175522.633	N: 1629832.327 E: 3175517.314
C7	18.73'	71° 32' 26"	15.00'	17.54	S31° 59' 22"E	N: 1629830.323 E: 3175517.182	N: 1629815.449 E: 3175526.472
C8	34.07'	108° 27' 34"	18.00'	29.21	N58° 00' 38"E	N: 1629797.903 E: 3175569.381	N: 1629813.377 E: 3175594.154
C9	7.85'	90° 00' 04"	5.00'	7.07	N41° 13' 10"W	N: 1630005.034 E: 3175606.819	N: 1630010.353 E: 3175602.160
C10	7.85'	90° 00' 00"	5.00'	7.07	S48° 46' 51"W	N: 1630014.832 E: 3175534.385	N: 1630010.172 E: 3175529.066
C11	4.71'	90° 00' 00"	3.00'	4.24	S41° 13' 09"E	N: 1630009.174 E: 3175529.001	N: 1630005.983 E: 3175531.796
C12	4.71'	90° 00' 00"	3.00'	4.24	S48° 46' 51"W	N: 1629878.262 E: 3175523.356	N: 1629875.466 E: 3175520.165
C13	15.71'	90° 00' 00"	10.00'	14.14	S41° 13' 09"E	N: 1629871.242 E: 3175519.886	N: 1629860.604 E: 3175529.205
C14	6.27'	14° 22' 35"	25.00'	6.26	S78° 03' 31"E	N: 1629864.815 E: 3175479.010	N: 1629863.520 E: 3175485.131
C15	15.88'	90° 58' 22"	10.00'	14.26	N49° 16' 00"E	N: 1629863.520 E: 3175485.131	N: 1629872.827 E: 3175495.938
C16	4.71'	90° 00' 00"	3.00'	4.24	N41° 13' 09"W	N: 1629877.049 E: 3175496.217	N: 1629880.240 E: 3175493.421
C17	4.71'	90° 00' 00"	3.00'	4.24	N48° 46' 51"E	N: 1630007.961 E: 3175501.862	N: 1630010.757 E: 3175505.053
C18	7.85'	90° 00' 00"	5.00'	7.07	N41° 13' 09"W	N: 1630011.755 E: 3175505.119	N: 1630017.074 E: 3175500.459
C19	7.85'	89° 57' 05"	5.00'	7.07	S48° 46' 18"W	N: 1630019.120 E: 3175469.499	N: 1630014.464 E: 3175464.181
C20	4.71'	90° 02' 55"	3.00'	4.24	S41° 11' 42"E	N: 1630013.465 E: 3175464.114	N: 1630010.271 E: 3175466.910

LINE TABLE				
LINE #	BEARING	LENGTH	START N/E	END N/E
L17	N3° 46' 51"E	4.23'	N: 1629871.242 E: 3175519.886	N: 1629875.466 E: 3175520.165
L18	N86° 13' 09"W	37.13'	N: 1629858.156 E: 3175566.250	N: 1629860.604 E: 3175529.205
L19	N3° 46' 51"E	0.92'	N: 1629857.242 E: 3175566.189	N: 1629858.156 E: 3175566.250
L20	S3° 46' 51"W	4.23'	N: 1629877.049 E: 3175496.217	N: 1629872.827 E: 3175495.938
L21	S86° 13' 09"E	13.00'	N: 1629881.097 E: 3175480.450	N: 1629880.240 E: 3175493.421
L22	S3° 47' 01"W	92.12'	N: 1630008.821 E: 3175488.854	N: 1629916.897 E: 3175482.775
L23	N86° 13' 09"W	13.04'	N: 1630007.961 E: 3175501.862	N: 1630008.821 E: 3175488.854
L24	S3° 46' 51"W	1.00'	N: 1630011.755 E: 3175505.119	N: 1630010.757 E: 3175505.053
L25	S86° 13' 09"E	31.03'	N: 1630019.120 E: 3175469.499	N: 1630017.074 E: 3175500.459
L26	N3° 49' 45"E	1.00'	N: 1630013.465 E: 3175464.114	N: 1630014.464 E: 3175464.181
L27	N86° 13' 09"W	13.00'	N: 1630009.414 E: 3175479.879	N: 1630010.271 E: 3175466.910
L28	N3° 49' 15"E	92.35'	N: 1629917.274 E: 3175473.725	N: 1630009.414 E: 3175479.879
L29	N3° 49' 45"E	1.00'	N: 1630017.421 E: 3175404.245	N: 1630018.421 E: 3175404.312
L30	S86° 13' 09"E	26.00'	N: 1630023.076 E: 3175409.630	N: 1630021.361 E: 3175435.573
L31	S3° 49' 45"W	1.00'	N: 1630016.038 E: 3175440.233	N: 1630015.042 E: 3175440.166
L32	N86° 13' 09"W	30.00'	N: 1630012.249 E: 3175436.975	N: 1630014.227 E: 3175407.040
L33	S86° 13' 09"E	26.00'	N: 1630047.022 E: 3175411.241	N: 1630045.307 E: 3175437.185
L34	S3° 49' 45"W	4.00'	N: 1630056.334 E: 3175406.849	N: 1630052.345 E: 3175406.582
L35	N86° 13' 09"W	30.00'	N: 1630057.149 E: 3175439.975	N: 1630059.127 E: 3175410.040
L36	N3° 49' 45"E	4.00'	N: 1630049.962 E: 3175442.503	N: 1630053.955 E: 3175442.770

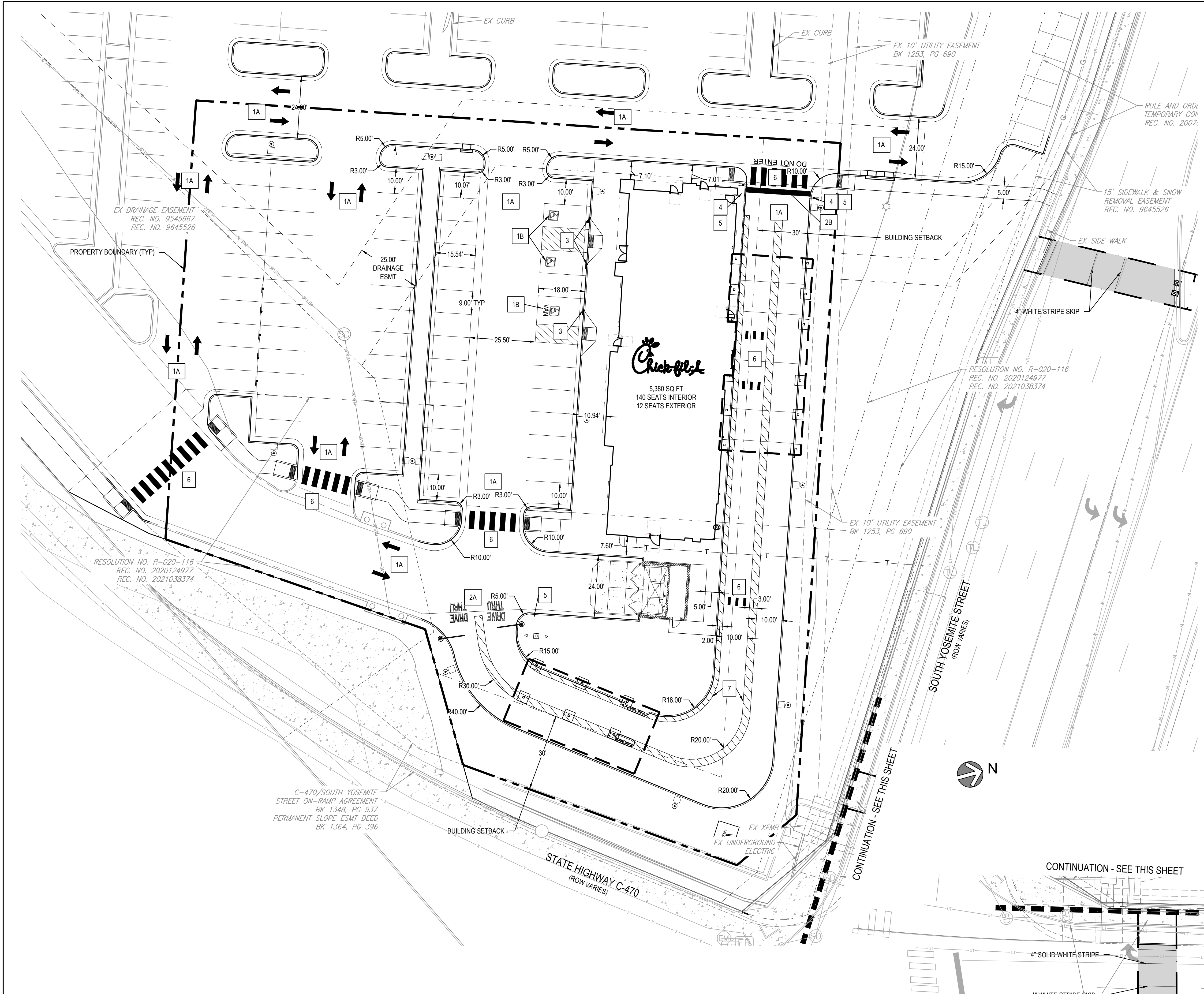
CURVE TABLE							
CURVE #	LENGTH	DELTA	RADIUS	CRD LENGTH	CRD RADIUS	START N/E	END N/E
C21	4.71'	90° 02' 55"	3.00'	4.24	S41° 11' 42"E	N: 1630017.421 E: 3175404.245	N: 1630014.227 E: 3175407.040
C22	7.85'	89° 57' 05"	5.00'	7.07	S48° 46' 18"W	N: 1630023.076 E: 3175409.630	N: 1630018.421 E: 3175404.312
C23	7.85'	90° 02' 55"	5.00'	7.07	N41° 11' 42"W	N: 1630016.038 E: 3175440.233	N: 1630021.361 E: 3175435.573
C24	4.71'	89° 57' 05"	3.00'	4.24	N48° 46' 18"E	N: 1630012.249 E: 3175436.975	N: 1630015.042 E: 3175440.166
C25	7.85'	90° 02' 55"	5.00'	7.07	S41° 11' 42"E	N: 1630052.345 E: 3175406.582	N: 1630047.022 E: 3175411.241
C26	4.71'	89° 57' 05"	3.00'	4.24	S48° 46' 18"W	N: 1630059.127 E: 3175410.040	N: 1630056.334 E: 3175406.849
C27	4.71'	90° 02' 55"	3.00'	4.24	N41° 11' 42"W	N: 1630053.955 E: 3175442.770	N: 1630057.149 E: 3175439.975
C28	7.85'	89° 57' 05"	5.00'	7.07	N48° 46' 18"E	N: 1630045.307 E: 3175437.185	N: 1630049.962 E: 3175442.503
C29	4.71'	89° 57' 05"	3.00'	4.24	S48° 46' 18"W	N: 1630055.171 E: 3175469.910	N: 1630052.378 E: 3175466.719
C30	7.85'	90° 02' 55"	5.00'	7.07	S41° 11' 42"E	N: 1630048.388 E: 3175466.452	N: 1630043.065 E: 3175471.111
C31	7.85'	89° 59' 57"	5.00'	7.07	N48° 46' 52"E	N: 1630041.021 E: 3175502.042	N: 1630045.681 E: 3175507.361
C32	4.71'	90° 00' 03"	3.00'	4.24	N41° 13' 08"W	N: 1630049.672 E: 3175507.625	N: 1630052.863 E: 3175504.829
C33	4.71'	89° 59' 57"	3.00'	4.24	S48° 46' 52"W	N: 1630050.885 E: 3175534.764	N: 1630048.090 E: 3175531.572
C34	7.85'	90° 00' 03"	5.00'	7.07	S41° 13' 08"E	N: 1630044.098 E: 3175531.308	N: 1630038.779 E: 3175535.968
C35	7.85'	89° 59' 57"	5.00'	7.07	N48° 46' 52"E	N: 1630037.065 E: 3175561.911	N: 1630041.724 E: 3175567.230
C36	4.71'	90° 00' 03"	3.00'	4.24	N41° 13' 08"W	N: 1630045.716 E: 3175567.494	N: 1630048.907 E: 3175564.698
C37	4.71'	89° 59' 57"	3.00'	4.24	S48° 46' 52"W	N: 1630047.061 E: 3175592.637	N: 1630044.265 E: 3175589.446
C38	7.85'	90° 00' 03"	5.00'	7.07	S41° 13' 08"E	N: 1630040.274 E: 3175589.182	N: 1630034.955 E: 3175593.842
C39	7.87'	90° 12' 13"	5.00'	7.08	N48° 40' 44"E	N: 1630032.776 E: 3175626.816	N: 1630037.453 E: 3175632.136
C40	4.70'	89° 47' 47"	3.00'	4.24	N41° 19' 16"W	N: 1630041.438 E: 3175632.385	N: 1630044.619 E: 3175629.589

LINE TABLE				
LINE #	BEARING	LENGTH	START N/E	END N/E
L37	S86° 13' 09"E	12.99'	N: 1630055.171 E: 3175469.910	N: 1630054.314 E: 3175482.874
L38	N3° 49' 45"E	4.00'	N: 1630048.388 E: 3175466.452	N: 1630052.378 E: 3175466.719
L39	N86° 13' 09"W	31.00'	N: 1630041.021 E: 3175502.042	N: 1630043.065 E: 3175471.111
L40	S3° 46' 54"W	4.00'	N: 1630049.672 E: 3175507.625	N: 1630045.681 E: 3175507.361
L41	S86° 13' 09"E	13.03'	N: 1630053.723 E: 3175491.824	N: 1630052.863 E: 3175504.829
L42	N3° 46' 54"E	4.00'	N: 1630044.098 E: 3175531.308	N: 1630048.090 E: 3175531.572
L43	N86° 13' 09"W	26.00'	N: 1630037.065 E: 3175561.911	N: 1630038.779 E: 3175535.968
L44	S3° 46' 54"W	4.00'	N: 1630045.716 E: 3175567.494	N: 1630041.724 E: 3175567.230
L45	S86° 13' 09"E	30.00'	N: 1630050.885 E: 3175534.764	N: 1630048.907 E: 3175564.698
L46	N86° 13' 09"W	15.00'	N: 1630046.072 E: 3175607.604	N: 1630047.061 E: 3175592.637
L47	S3° 46' 54"W	4.00'	N: 1630044.265 E: 3175589.446	N: 1630040.274 E: 3175589.182
L48	S86° 13' 09"E	33.05'	N: 1630034.955 E: 3175593.842	

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SIGN RESPONSIBILITY MATRIX					
ITEM	INSTALLATION OF SIGN	SIGN DETAIL	INSTALLATION OF FOOTING	FOOTING DETAIL	QUANTITIES
DRIVE-THRU DIRECTIONAL SIGNS	NATIONAL SIGN	SEE SIGN PACKAGE	NATIONAL SIGN	SEE SIGN PACKAGE	2
CLEARANCE BAR	NATIONAL SIGN	SEE SIGN PACKAGE	CONTRACTOR	SEE SIGN PACKAGE	2
MENU BOARD	NATIONAL SIGN	SEE SIGN PACKAGE	CONTRACTOR	SEE SIGN PACKAGE	2
ACCESSIBLE PARKING SIGN		6/ C9.0			3
STOP SIGN		8/ C9.0			2
PEDESTRIAN CROSSING SIGN		C6.0			2



- NOTE:**
- THE LAYOUT OF ALL SIGNING AND STRIPING USING 3-M TEMPORARY TAPE AT A MINIMUM OF 50' SPACING SHALL BE APPROVED BY THE CITY STREET INSPECTOR PRIOR TO THE INSTALLATION.
- SIGNAGE AND STRIPING NOTES:**
- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT VERSION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE "COLORADO SUPPLEMENTAL MUTCD" AND THE DOUGLAS COUNTY "ROAD AND CONSTRUCTION STANDARDS MANUAL". FURTHER SPECIFICATIONS AND ILLUSTRATIONS ARE LOCATED IN THE COLORADO DIVISION OF HIGHWAYS "M AND S STANDARDS".
 - DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO "M AND S MANUAL".
 - SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATION TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN. STREET NAME SIGNS SHALL BE MOUNTED SO THAT THEY CAN BE SEEN FROM ALL DIRECTIONS OF TRAVEL.
 - INSTALLATION OF SIGNS SHALL CONFORM TO THE MUTCD MOUNTING HEIGHT REQUIREMENTS, INCLUDING A 7-FOOT MINIMUM HEIGHT FROM THE BOTTOM OF THE LOWEST SIGN PANEL TO THE TOP GRADE OF SIDEWALK.
 - ALL NEWLY INSTALLED TRAFFIC SIGNS SHALL MEET THE MINIMUM RETRO-REFLECTIVITY AND ILLUMINATION STANDARDS AS SET FORTH BY THE MUTCD (LATEST EDITION). THESE MINIMUM REQUIREMENTS SHALL FALL UNDER THE REQUIREMENTS OF THE TWO (2) YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION.
 - DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS.
 - THE CONTRACTOR INSTALLING SIGNS IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES. LONE TREE PUBLIC WORKS SHALL BE CONTACTED A MINIMUM OF 72 HOURS PRIOR TO INSTALLATION AT 303-662-8112.
 - FOLLOWING INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS DEPARTMENT, 303-662-8112. A FIELD INSPECTION OF LOCATION AND INSTALLATION OF ALL SIGNS SHALL BE PERFORMED BY PUBLIC WORKS. ALL DISCREPANCIES IDENTIFIED DURING THE FIELD INSPECTION MUST BE CORRECTED BEFORE THE TWO-YEAR WARRANTY PERIOD WILL BEGIN.
 - SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TIME OF REVIEW. PRIOR TO INITIATION OF THE WARRANTY PERIOD, LONE TREE RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO EXISTING OR INSTALLATION OF ADDITIONAL SIGNAGE AND/OR STRIPING IF THEY DETERMINE THAT AN UNFORESEEN CONDITION WARRANTS 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 (2) YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION. UPDATED 03-1-12.
 - FINAL STRIPING AND CROSSWALK LAYOUT TO BE APPROVED BY THE CITY OF LONE TREE PRIOR TO INSTALLATION. LONE TREE PUBLIC WORKS SHALL BE CONTACTED A MINIMUM OF 72 HOURS PRIOR TO INSTALLATION AT 303-662-8112.
 - CROSSWALKS SHALL: BE CONSTRUCTED USING 125 MIL PREFORMED THERMOPLASTIC. LINE UP WITH THE HANDICAP RAMPS AT BOTH ENDS. BE CENTERED ON LANE LINES SO AS TO BE STRADDLED BY VEHICLES.
 - ALL PAVEMENT MARKINGS SHALL BE AS FOLLOWS: FOR CONCRETE SURFACE: METHYL METHACRYLATE OR EPOXY PAINT. FOR ASPHALT SURFACE: PAINT, 90 MIL PREFORMED THERMOPLASTIC, INLAID MARKING TAPE, METHYL METHACRYLATE, OR EPOXY PAINT. TURN ARROWS AND ONLYS: 125 MIL PREFORMED THERMOPLASTIC.
 - ALL PAVEMENT MARKING SHALL BE PRECEDED BY THE APPROPRIATE SURFACE PREPARATION.
 - ANY SIGNAGE AND/OR OTHER TRAFFIC CONTROL DEVICES REMOVED SHALL BE RETURNED TO THE CITY OF LONE TREE.
 - TYPE III LIGHTED BARRICADES SHALL BE SET AT ENDS OF ROADWAYS, SEPARATING FINISHED AND UNFINISHED CONSTRUCTION AREAS AND WILL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER.

- SIGNING & STRIPING KET NOTES**
- | | | | |
|----|--|---|------|
| 1 | PAVEMENT MARKINGS - 1 | 1 | C9.0 |
| 1A | DIRECTIONAL ARROW | 1 | C9.0 |
| 1B | ACCESSIBILITY SYMBOL | 2 | C9.0 |
| 2 | PAVEMENT MARKINGS - 2 | 2 | C9.0 |
| 2A | DRIVE-THRU | 6 | C9.0 |
| 2B | STOP BAR | 7 | C9.2 |
| 3 | ACCESSIBLE PARKING SIGN | | |
| 4 | PEDESTRIAN CROSSING SIGN | | |
| 5 | DO NOT ENTER SIGN | | |
| 6 | CROSS WALK MARKINGS | | |
| 7 | 4" WIDE STRIPES @ 3' O.C., YELLOW REFLECTIVE PAINT WITH ANTI-SLIP ADHESIVE | | |
| 32 | SIG@PARKING DURING SNOW STORM SNOW STORAGE SPACE | | |

CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER A AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

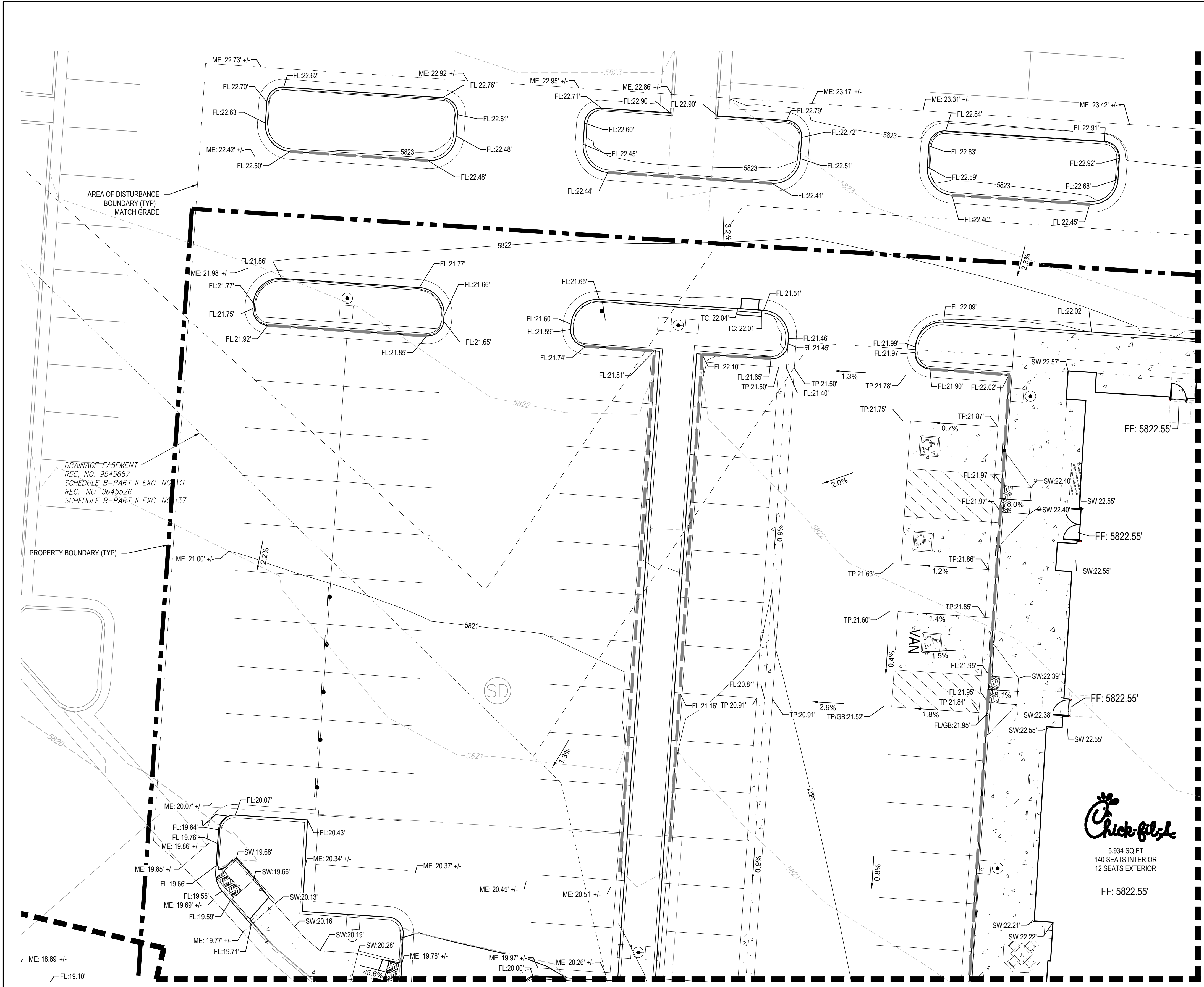
REVISION SCHEDULE

NO.	DATE	DESCRIPTION

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DATE 09/22/23
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SIGNING AND STRIPING PLAN
SHEET NUMBER
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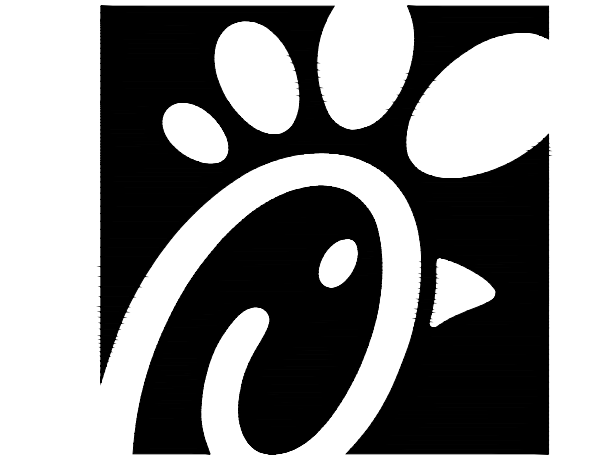
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- NOTES**
- 1) ALL ELEVATIONS TO FLOW LINE UNLESS OTHERWISE NOTED.
 - 2) ALL ELEVATIONS 58XX.XX'
 - 3) THE CONTRACTOR SHALL OBTAIN THE PROPER ROW CONSTRUCTION PERMITS FROM THE CITY OF WHEAT RIDGE DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES WITH THE PUBLIC RIGHT-OF-WAY.
 - 4) NOTICE TO CONTRACTOR: IF MORE THAN THREE (3) STREET CUTS OCCUR WITH 250 LINEAR FEET ADDITIONAL MILLING/OVERLAY REQUIREMENTS WILL APPLY. REFER TO THE TERMS OF THE CITY OF WHEAT RIDGE ROW CONSTRUCTION PERMIT (THAT MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCEMENT OF WORK).
 - 5) THE MAXIMUM ALLOWABLE SLOPE IS 4:1. ANY SLOPES THAT MAY EXCEED THIS LIMIT SHALL BE TERRACED TO BELOW THE MAXIMUM.
 - 6) THE MAXIMUM CROSS-SLOPE ON THE PUBLIC SIDEWALK SHALL BE 2.0% ANY PORTION EXCEEDING THE MAX. 2% SHALL BE REMOVED AND REPLACED AT THE SOLE EXPENSE OF THE CONTRACTOR.
 - 7) PROVIDE TIE BAR REINFORCING BETWEEN INDEPENDENTLY POURED CONCRETE AND BETWEEN EXISTING AND NEW CONCRETE PER CDOT STANDARD M-608-1. REFER TO SHEET C0.1 FOR ADDITIONAL APPLICABLE NOTES.

- LEGEND:**
- PROPERTY LINE
 - - - ADA ACCESSIBLE PATH
 - - - EXTENTS OF GRADING
 - 5555 PROPOSED MAJOR CONTOUR
 - 5555 PROPOSED MINOR CONTOUR
 - - - 5555 EXISTING MAJOR CONTOUR
 - - - 5555 EXISTING MINOR CONTOUR
 - 45.61' x SPOT ELEVATION
 - 2.7% PROPOSED SLOPE
 - ARROW SPILL CURB
 - FLOW ARROW

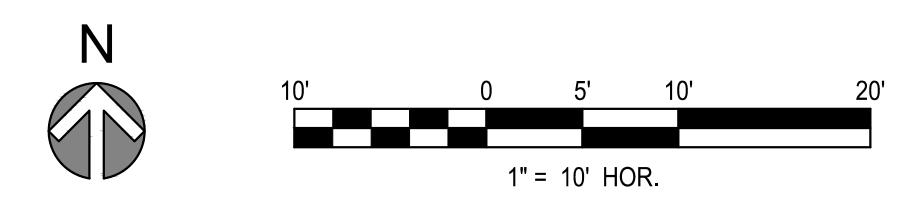
- ABBREVIATIONS:**
- FG FINISHED GRADE
 - FF FINISHED FLOOR
 - HP HIGH POINT
 - LP LOW POINT
 - ME MATCH EXISTING GRADE
 - TC TOP OF CURB
 - TP TOP OF PAVEMENT
 - SW SIDEWALK
 - GB GRADE BREAK



Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



FOR AND ON BEHALF OF
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CONSTRUCTION DOCUMENTS

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HWY 470 & YOSEMITE

NWC OF HWY 470 & YOSEMITE

LONE TREE, CO 80124

LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE

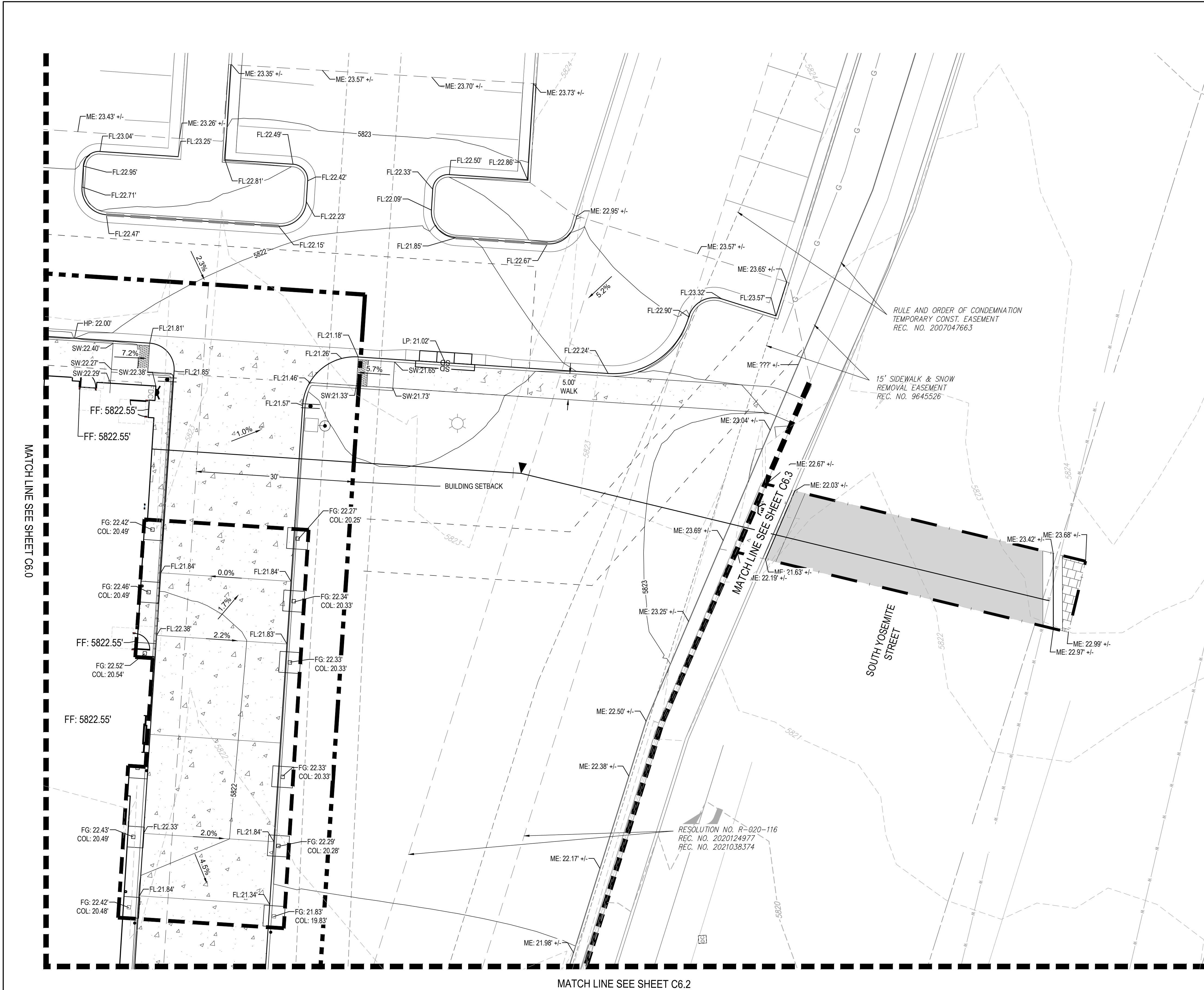
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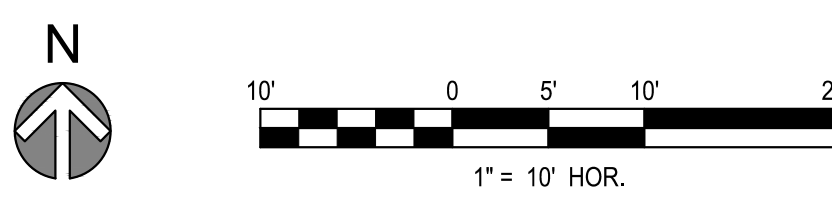
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 - 2) ALL ELEVATIONS 58XX.XX'
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 - 7) PROVIDE TIE BAR REINFORCING BETWEEN INDEPENDENTLY POURED CONCRETE AND BETWEEN EXISTING AND NEW CONCRETE PER CDOT STANDARD M-608-1. REFER TO SHEET C0.1 FOR ADDITIONAL APPLICABLE NOTES.

- LEGEND:**
- PROPERTY LINE
 - - - - - EXTENTS OF GRADING
 - 5555 PROPOSED MAJOR CONTOUR
 - 5555 PROPOSED MINOR CONTOUR
 - - - - - 5555 EXISTING MAJOR CONTOUR
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HWY 470 & YOSEMITE

NWC OF HWY 470 & YOSEMITE

LONE TREE, CO 80124

LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
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SHEET NUMBER	
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Know what's below.
 Call before you dig.

NOTES

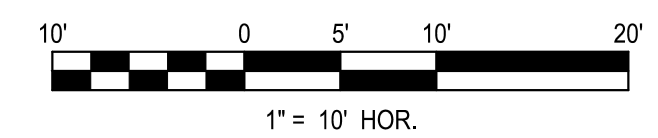
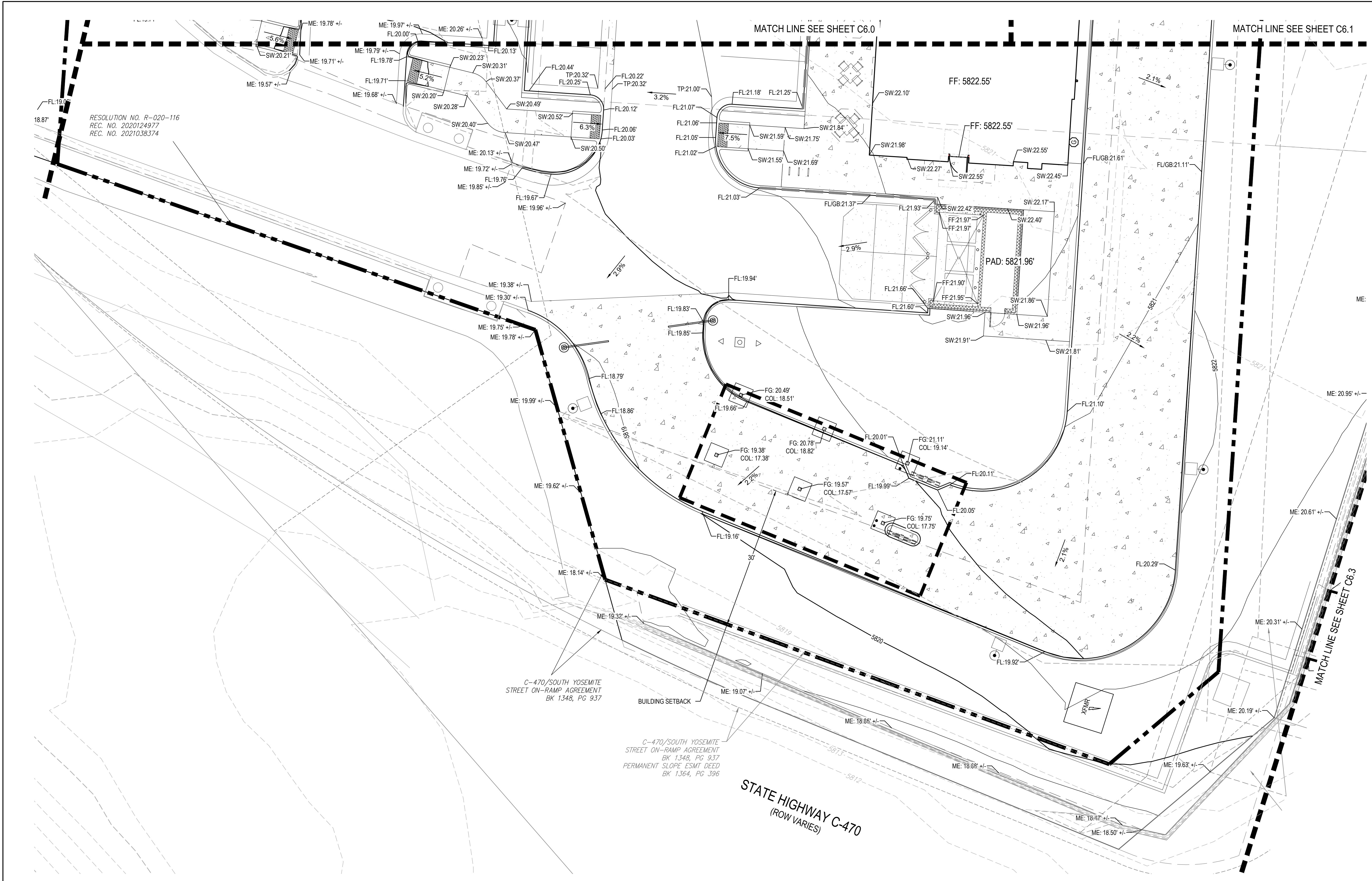
- 1) ALL ELEVATIONS TO FLOW LINE UNLESS OTHERWISE NOTED.
- 2) ALL ELEVATIONS "88XXX"
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LEGEND:

- PROPERTY LINE
- - - - - EXTENTS OF GRADING
- 5555— PROPOSED MAJOR CONTOUR
- -5555- - PROPOSED MINOR CONTOUR
- -5555- - EXISTING MAJOR CONTOUR
- -5555- - EXISTING MINOR CONTOUR
- 45.61' x SPOT ELEVATION
- 2.7% PROPOSED SLOPE
- ARROW SPILL CURB
- ⇒ FLOW ARROW

ABBREVIATIONS:

- FG FINISHED GRADE
- FF FINISHED FLOOR
- HP HIGH POINT
- LP LOW POINT
- ME MATCH EXISTING GRADE
- TC TOP OF CURB
- SW SIDEWALK
- GB GRADE BREAK



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

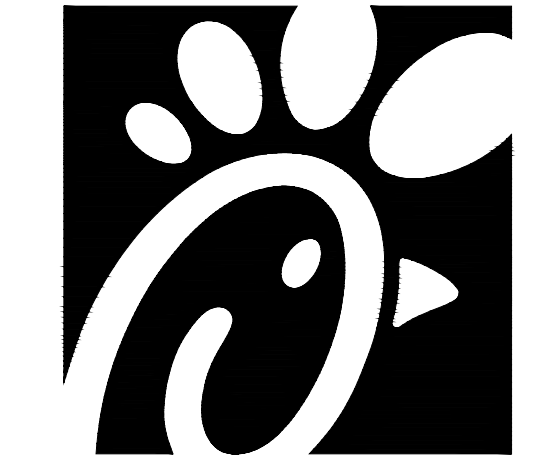
REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
 PRINTED FOR FOR CONSTRUCTION
 DATE 09/22/23
 DRAWN BY KEA
 SHEET

DETAIL GRADING

SHEET NUMBER

C6.2



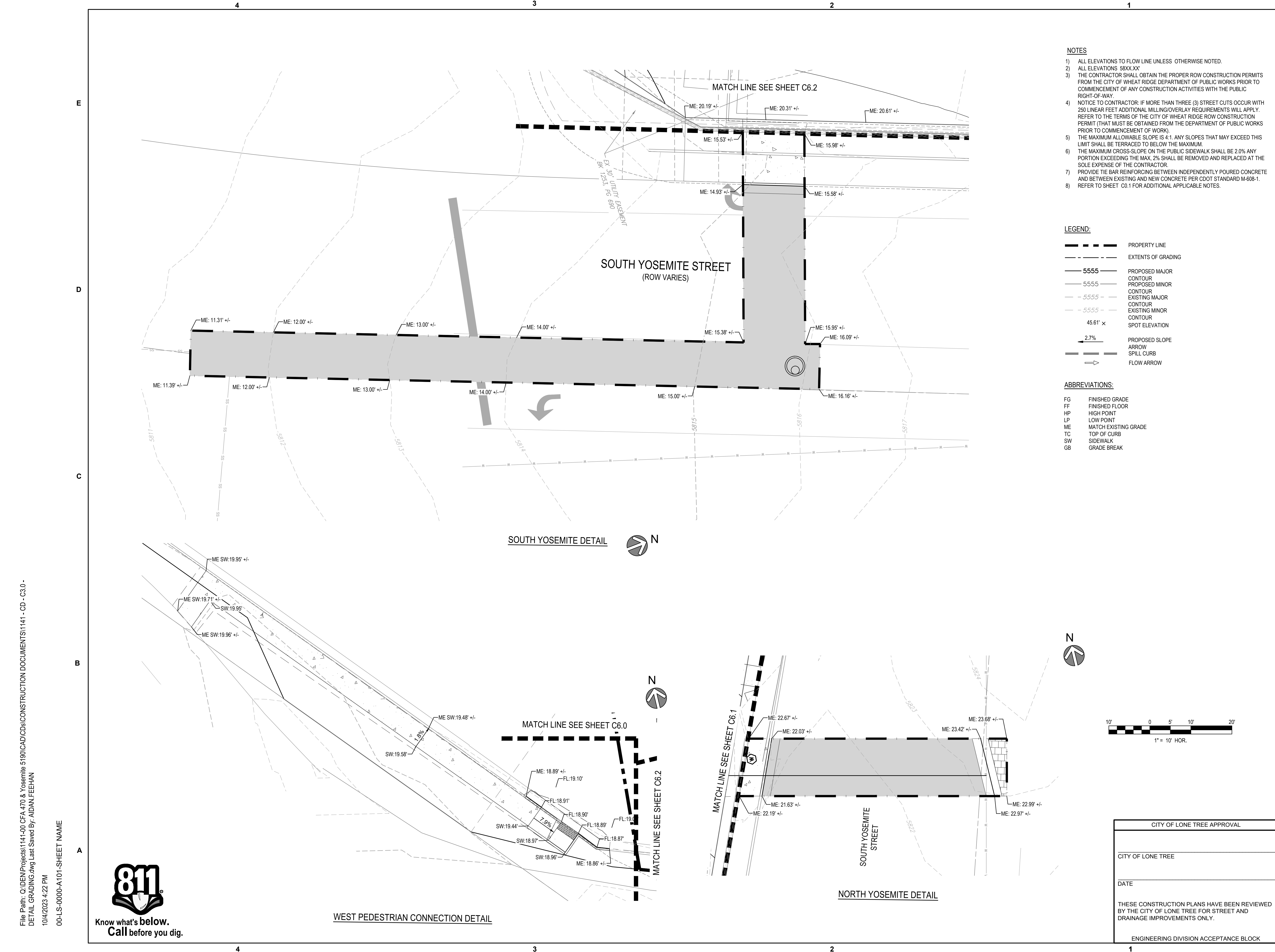
Chick-fil-A

Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
 GREENWOOD VILLAGE, CO 80111
 303-751-0741

FOR AND ON-BEHALF OF
 MERRICK AND COMPANY



- NOTES**
- 1) ALL ELEVATIONS TO FLOW LINE UNLESS OTHERWISE NOTED.
 - 2) ALL ELEVATIONS 58XX.XX'
 - 3) THE CONTRACTOR SHALL OBTAIN THE PROPER ROW CONSTRUCTION PERMITS FROM THE CITY OF WHEAT RIDGE DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES WITH THE PUBLIC RIGHT-OF-WAY.
 - 4) NOTICE TO CONTRACTOR: IF MORE THAN THREE (3) STREET CUTS OCCUR WITH 250 LINEAR FEET ADDITIONAL MILLING/OVERLAY REQUIREMENTS WILL APPLY. REFER TO THE TERMS OF THE CITY OF WHEAT RIDGE ROW CONSTRUCTION PERMIT (THAT MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCEMENT OF WORK).
 - 5) THE MAXIMUM ALLOWABLE SLOPE IS 4:1. ANY SLOPES THAT MAY EXCEED THIS LIMIT SHALL BE TERRACED TO BELOW THE MAXIMUM.
 - 6) THE MAXIMUM CROSS-SLOPE ON THE PUBLIC SIDEWALK SHALL BE 2.0% ANY PORTION EXCEEDING THE MAX. 2% SHALL BE REMOVED AND REPLACED AT THE SOLE EXPENSE OF THE CONTRACTOR.
 - 7) PROVIDE TIE BAR REINFORCING BETWEEN INDEPENDENTLY POURED CONCRETE AND BETWEEN EXISTING AND NEW CONCRETE PER CDOT STANDARD M-608-1. REFER TO SHEET C0.1 FOR ADDITIONAL APPLICABLE NOTES.

- LEGEND:**
- PROPERTY LINE
 - - - EXTENTS OF GRADING
 - 5555 PROPOSED MAJOR CONTOUR
 - 5555 PROPOSED MINOR CONTOUR
 - 5555 - EXISTING MAJOR CONTOUR
 - 5555 - EXISTING MINOR CONTOUR
 - 45.61' x SPOT ELEVATION
 - 2.7% PROPOSED SLOPE
 - ARROW SPILL CURB
 - FLOW ARROW

- ABBREVIATIONS:**
- FG FINISHED GRADE
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 - SW SIDEWALK
 - GB GRADE BREAK



Chick-fil-A

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 303-751-0741

FOR AND ON BEHALF OF
 MERRICK AND COMPANY

File Path: C:\DEN\Projects\1141-00 CFA-470 & Yosemite 5190\CAD\CDS\CONSTRUCTION DOCUMENTS\1141 - CD - C6.3 -
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 10/04/2023 4:22 PM
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CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

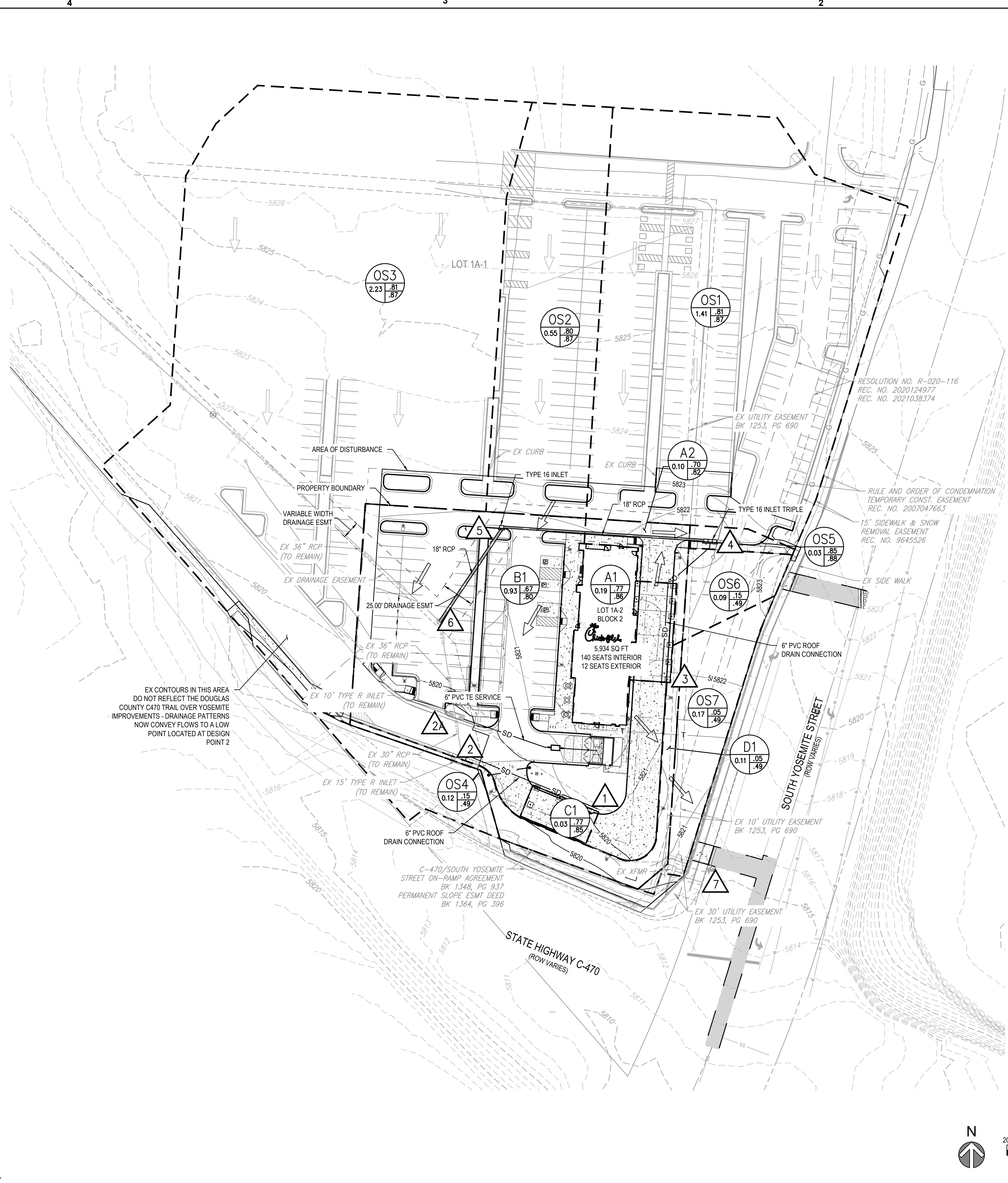
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 PRINTED FOR FOR CONSTRUCTION
 DATE 09/22/23
 DRAWN BY KEA

DETAIL GRADING

SHEET NUMBER

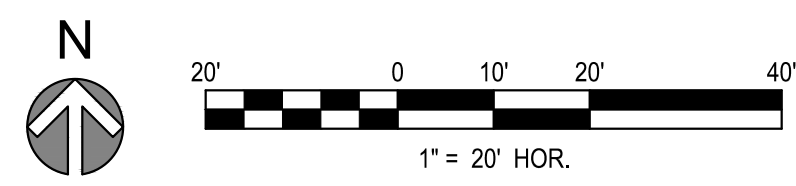
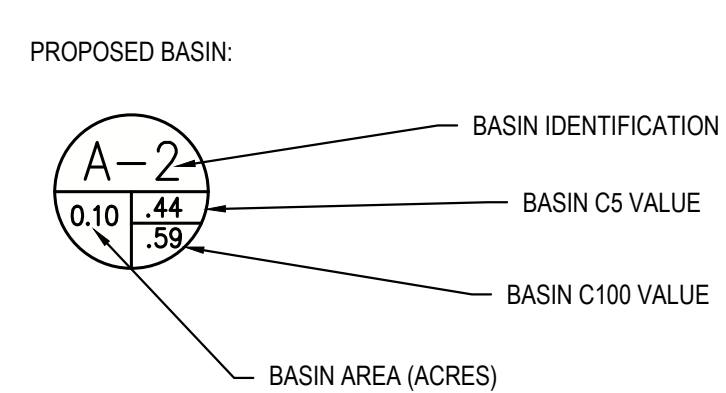
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 00-LS-0000-A101-SHEET NAME



SUMMARY RUNOFF TABLE (cfs)					
Basin	Design Point	Area (ac)	Imp (%)	5-YR Peak Runoff	100-YR Peak Runoff
A1	3	0.19	90%	0.7	1.5
A2	4	0.10	81%	0.3	0.7
B1	2	0.92	78%	3.0	6.5
C1	1	0.03	90%	0.1	0.2
D1	7	0.11	2%	0.0	0.4
OS1	4	1.41	94%	4.8	9.4
OS2	5	0.55	94%	2.0	3.9
OS3	2	2.23	95%	8.1	15.9
OS4	7	0.12	2%	0.1	0.4
OS5	4	0.03	97%	0.1	0.2
OS6	4	0.09	2%	0.0	0.3
OS7	7	0.17	2%	0.1	0.7
Total to EX Pond	1-5	5.56	90%	19.2	38.7
Total to Off-Site	7-8	0.40	2%	0.2	1.6

- LEGEND:**
- PROPERTY BOUNDARY
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN BOUNDARY
 - DESIGN POINT
 - PROPOSED FLOW ARROWS
 - EXISTING FLOW ARROWS
 - STORM SEWER
 - STORM INLET
 - STORM MANHOLE
 - EX SANITARY MANHOLE
 - EX STORM MANHOLE
 - EX STORM SERVICE
 - EX STORM INLET



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	DATE
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ENGINEERING DIVISION ACCEPTANCE BLOCK	



Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



FOR AND ON-BEHALF OF MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS

**CHICK-FIL-A
 HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1**

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

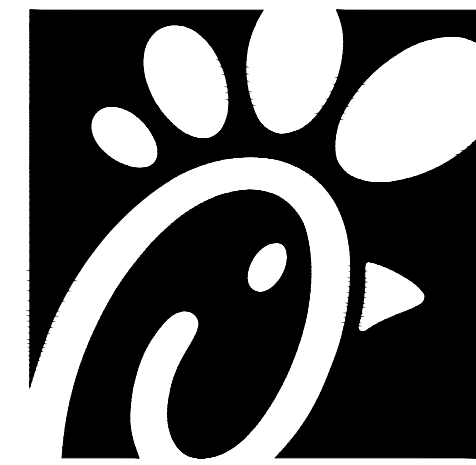
REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
 PRINTED FOR FOR CONSTRUCTION
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SHEET **DRAINAGE MAP**

SHEET NUMBER

C7.0



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303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

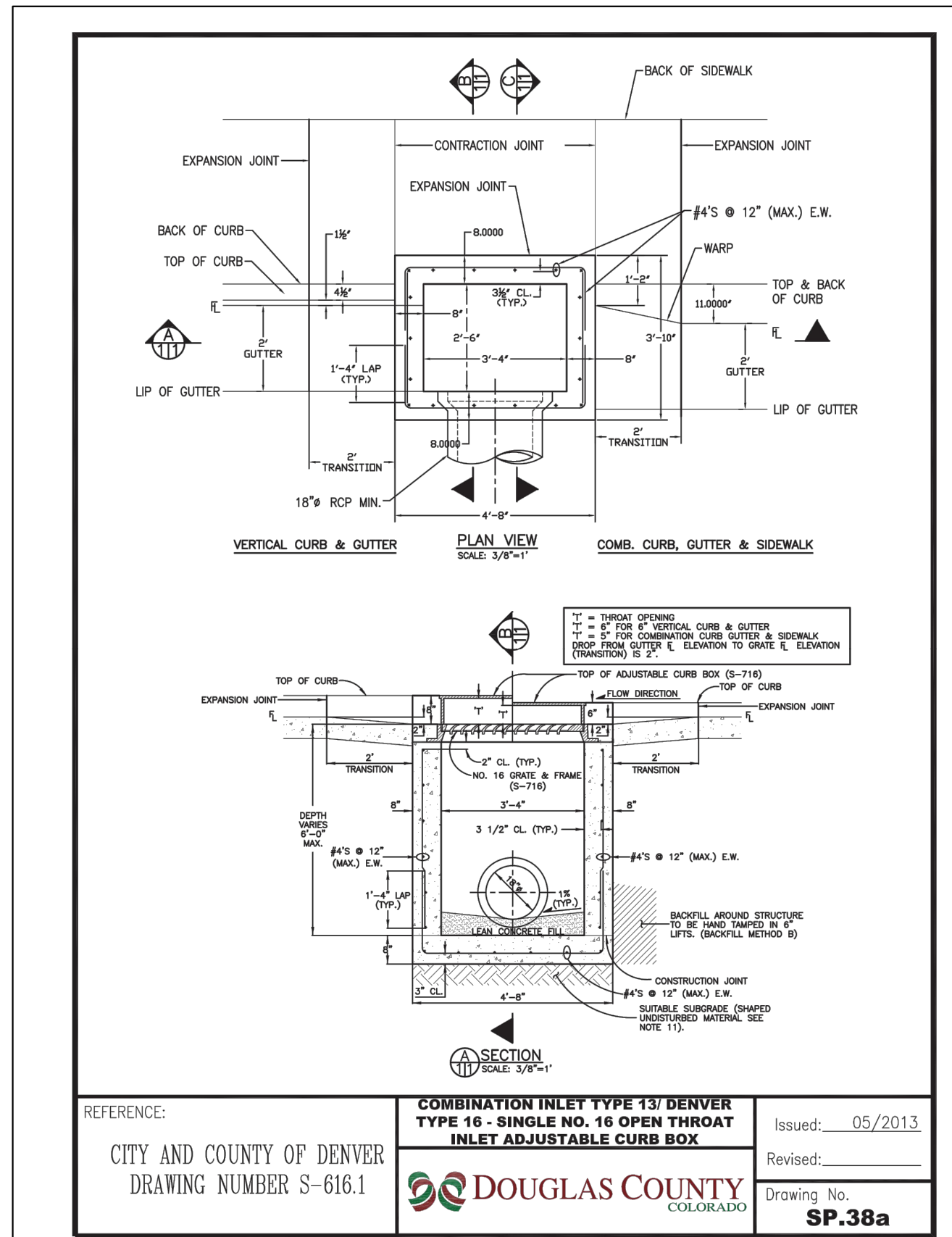
FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

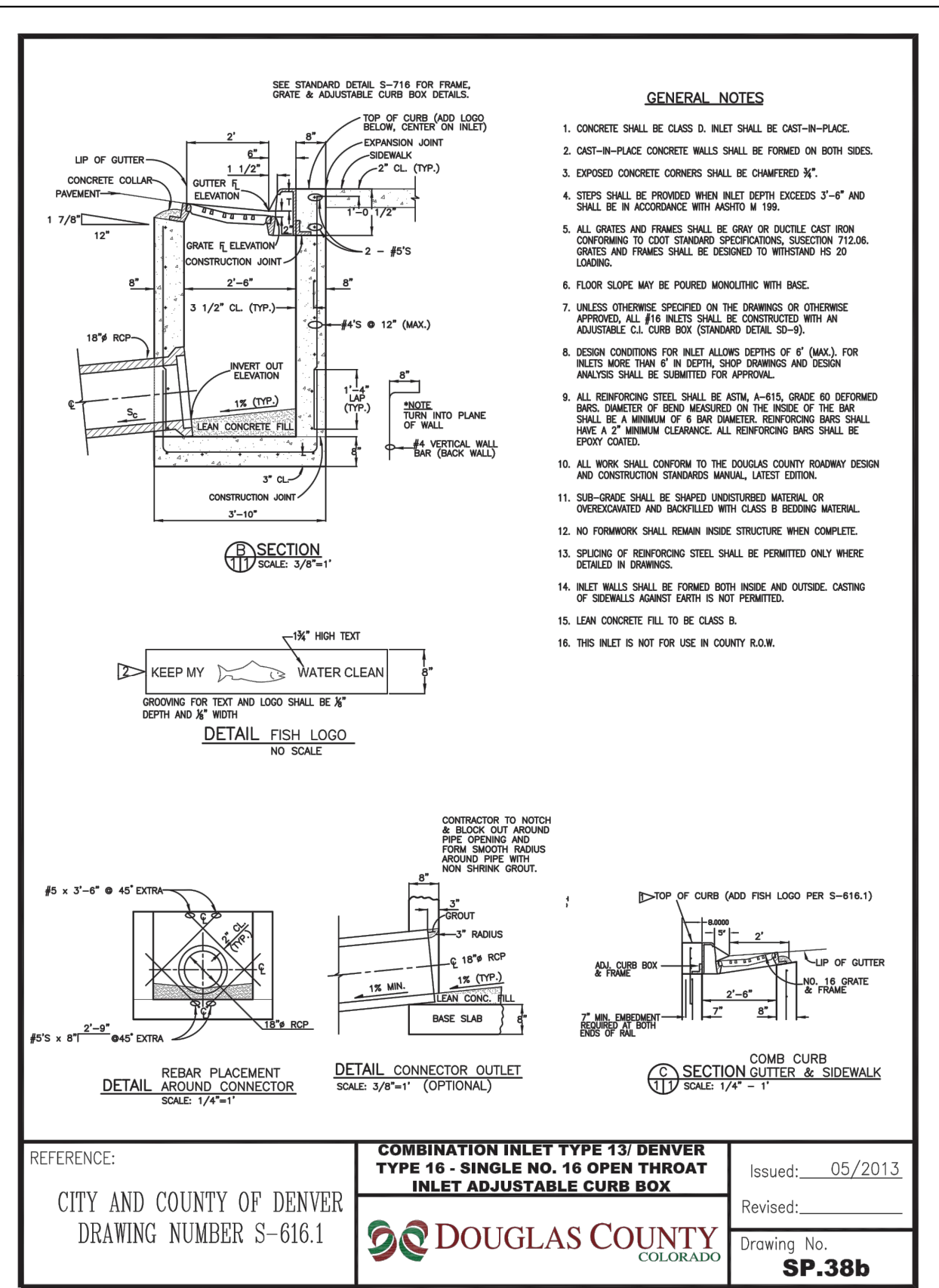
REVISION SCHEDULE
NO. DATE DESCRIPTION

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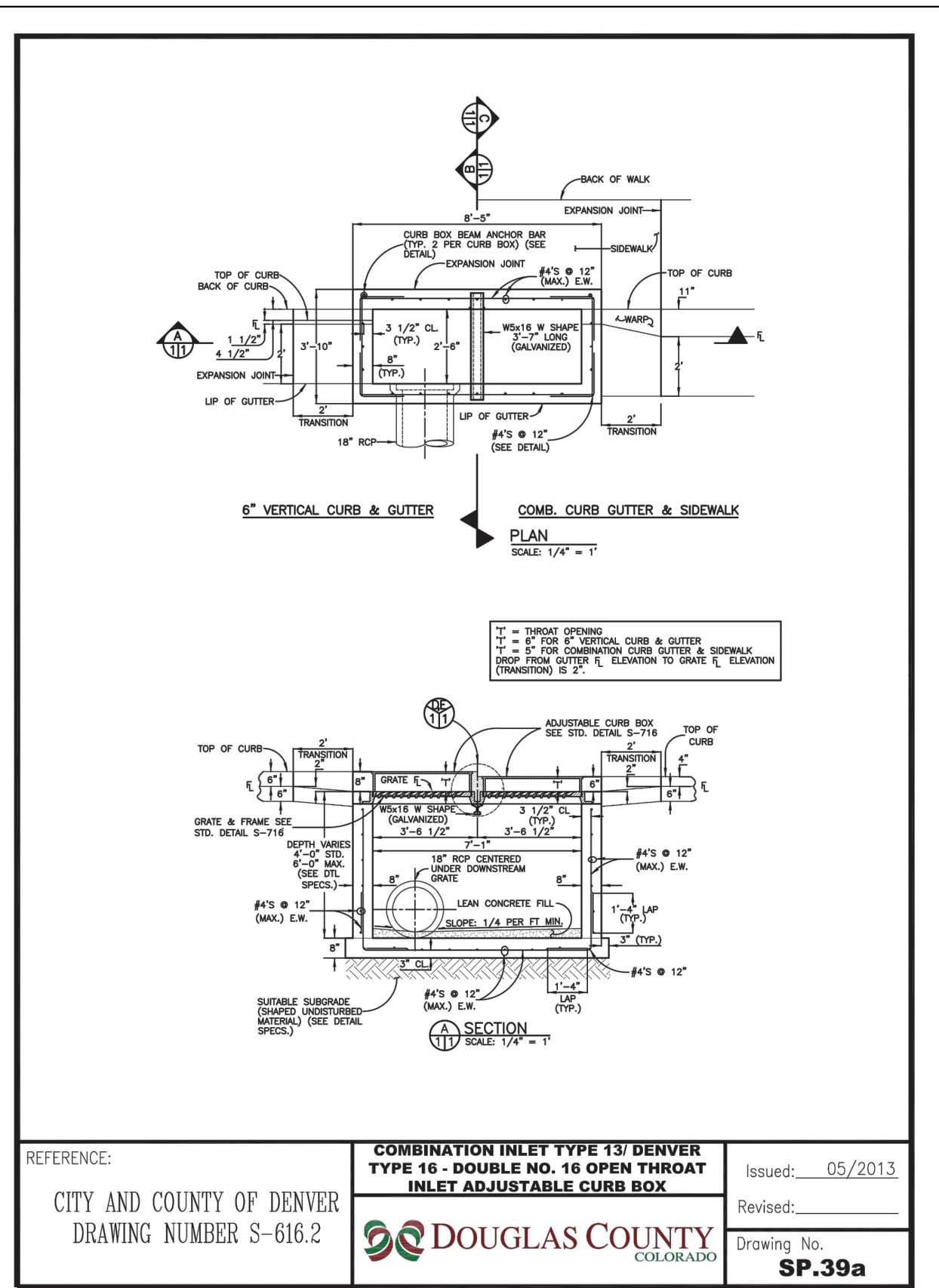
CONSTRUCTION DOCUMENTS



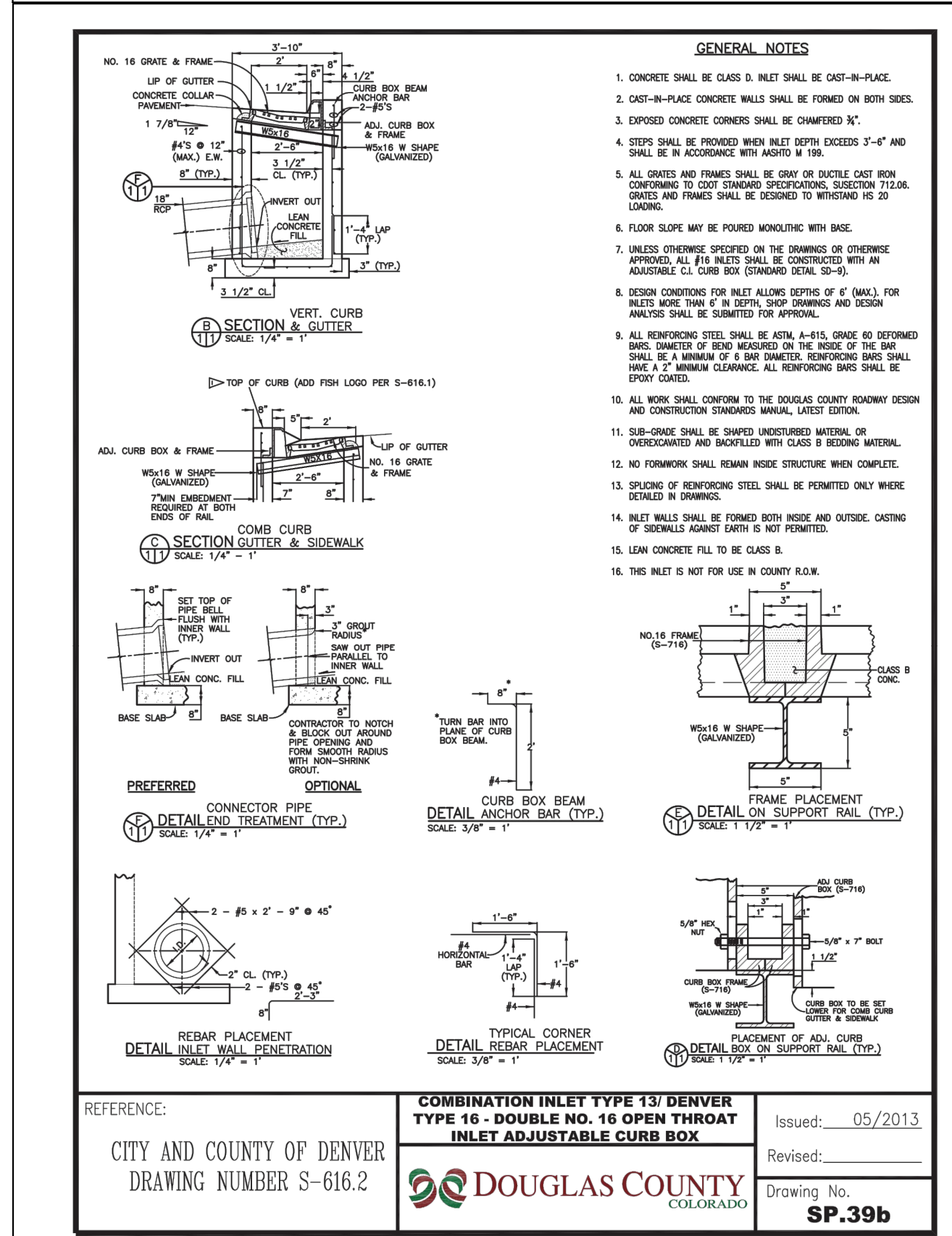
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TYPE 16 - SINGLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.39a



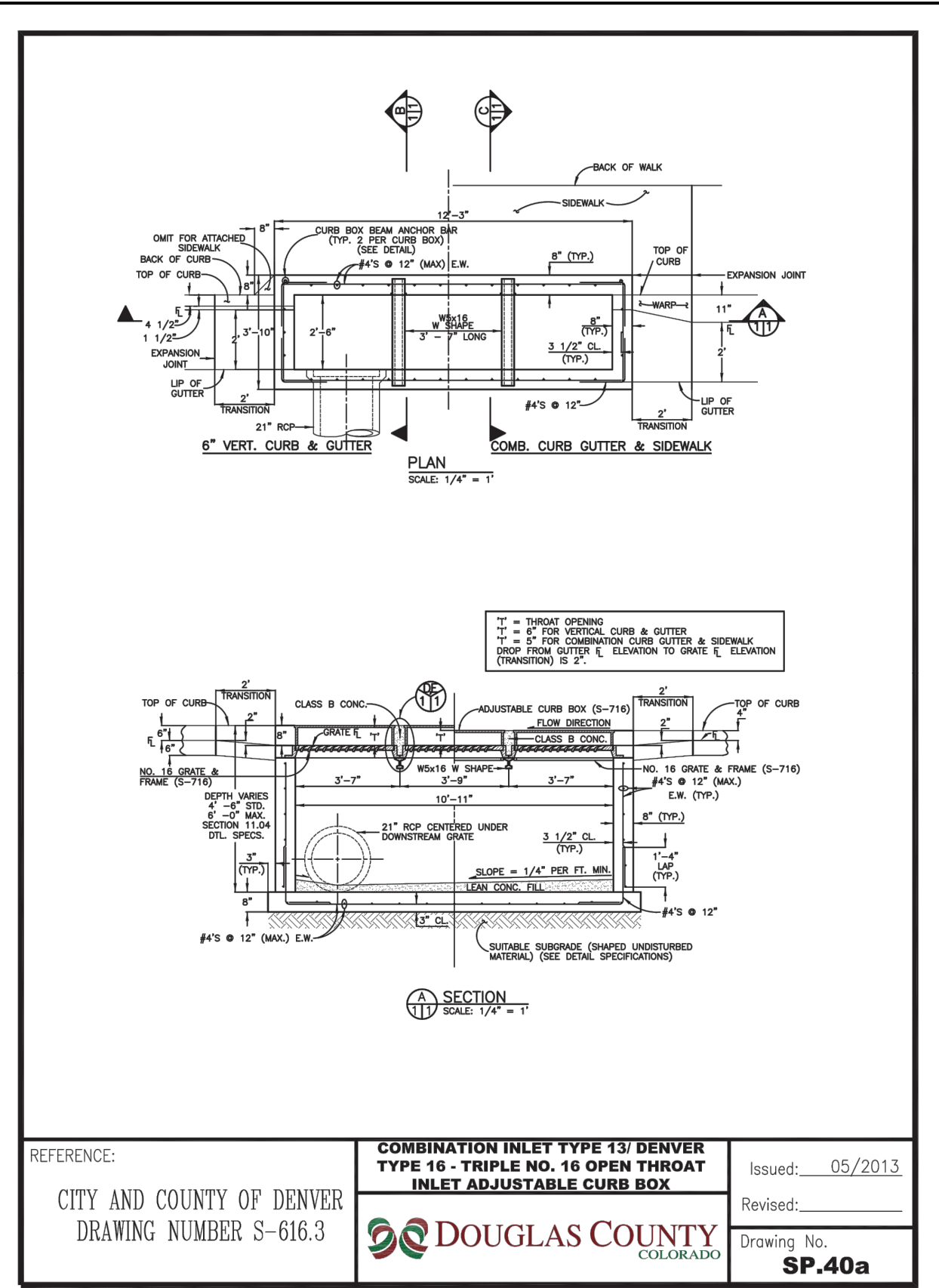
COMBINATION INLET TYPE 13/ DENVER
TYPE 16 - SINGLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.38b



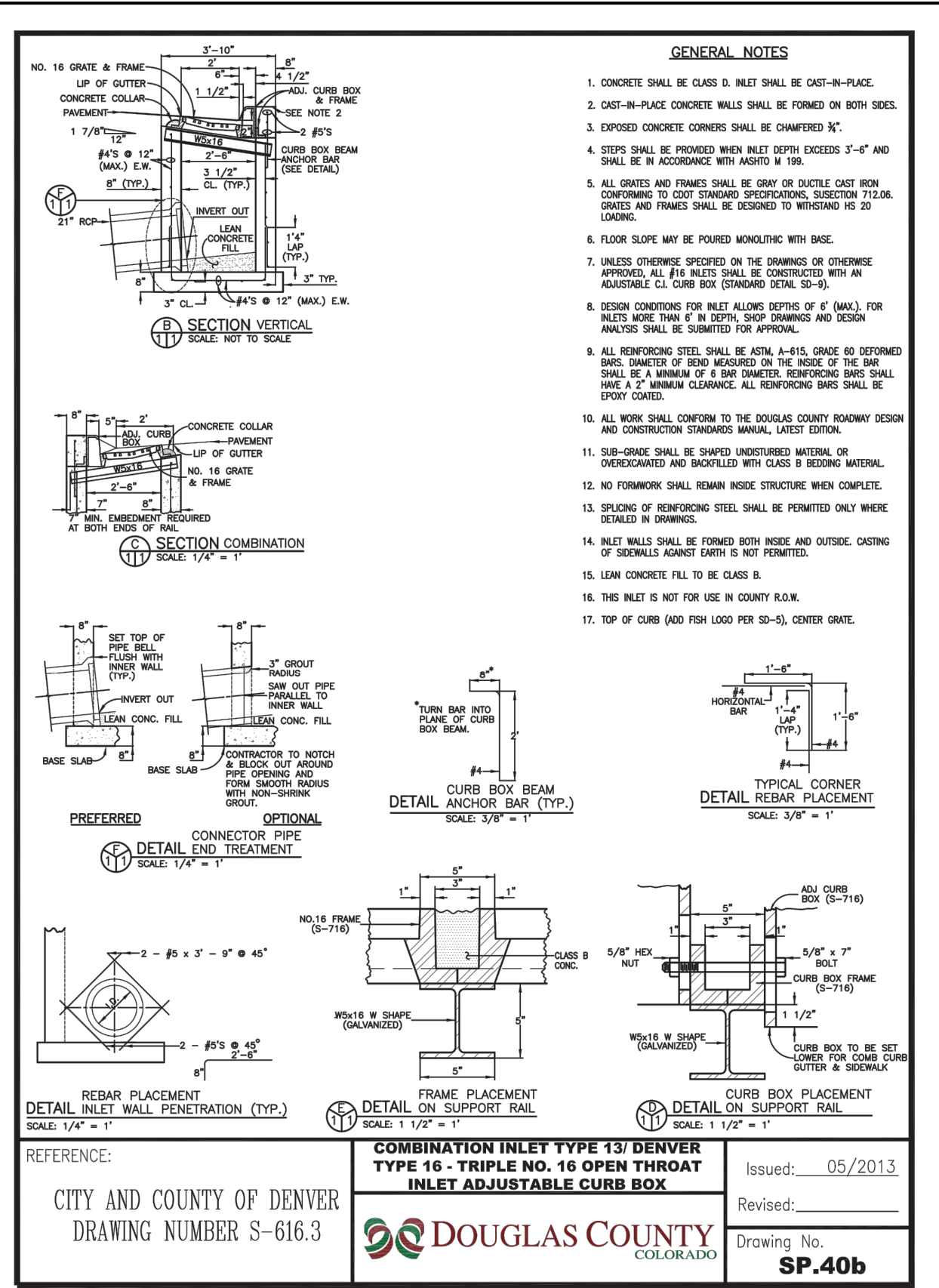
COMBINATION INLET TYPE 13/ DENVER
TYPE 16 - DOUBLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.39a



COMBINATION INLET TYPE 13/ DENVER
TYPE 16 - DOUBLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.39b



COMBINATION INLET TYPE 13/ DENVER
TYPE 16 - TRIPLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.40a



COMBINATION INLET TYPE 13/ DENVER
TYPE 16 - TRIPLE NO. 16 OPEN THROAT
INLET ADJUSTABLE CURB BOX
Issued: 05/2013
Drawing No. SP.40b

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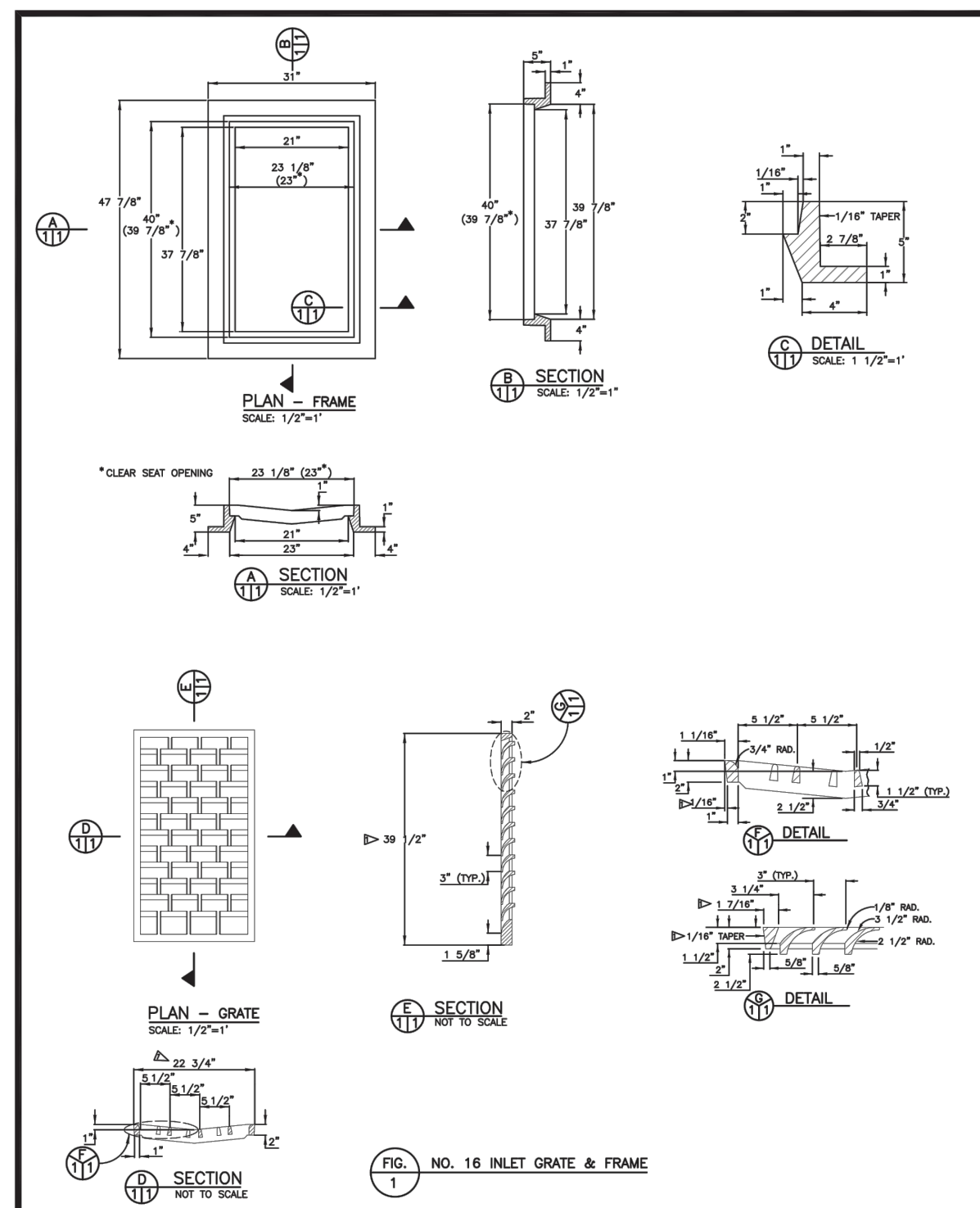
Know what's below.
 Call before you dig.

CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	65121141
DATE	09/22/23
DRAWN BY	KEA
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

REFERENCE: CITY AND COUNTY OF DENVER DRAWING NUMBER S-716

COMBINATION INLET TYPE 13/ DENVER TYPE 16 - NO. 16 INLET GRATE & FRAME AND ADJUSTABLE CURB BOX

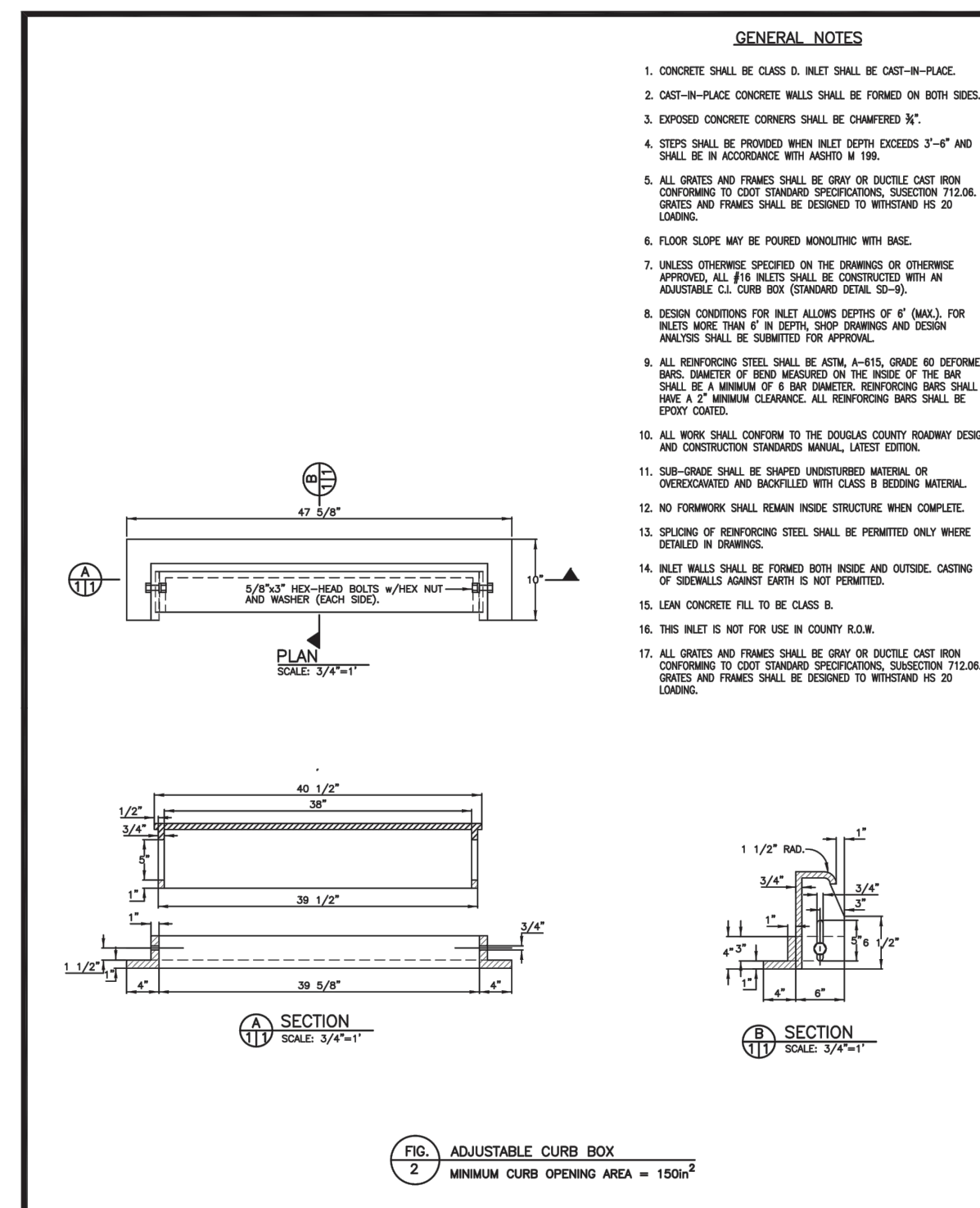
Issued: 05/2013
 Revised: _____
 Drawing No. **SP.42a**



REFERENCE: CITY AND COUNTY OF DENVER DRAWING NUMBER S-716

COMBINATION INLET TYPE 13/ DENVER TYPE 16 - NO. 16 INLET GRATE & FRAME AND ADJUSTABLE CURB BOX

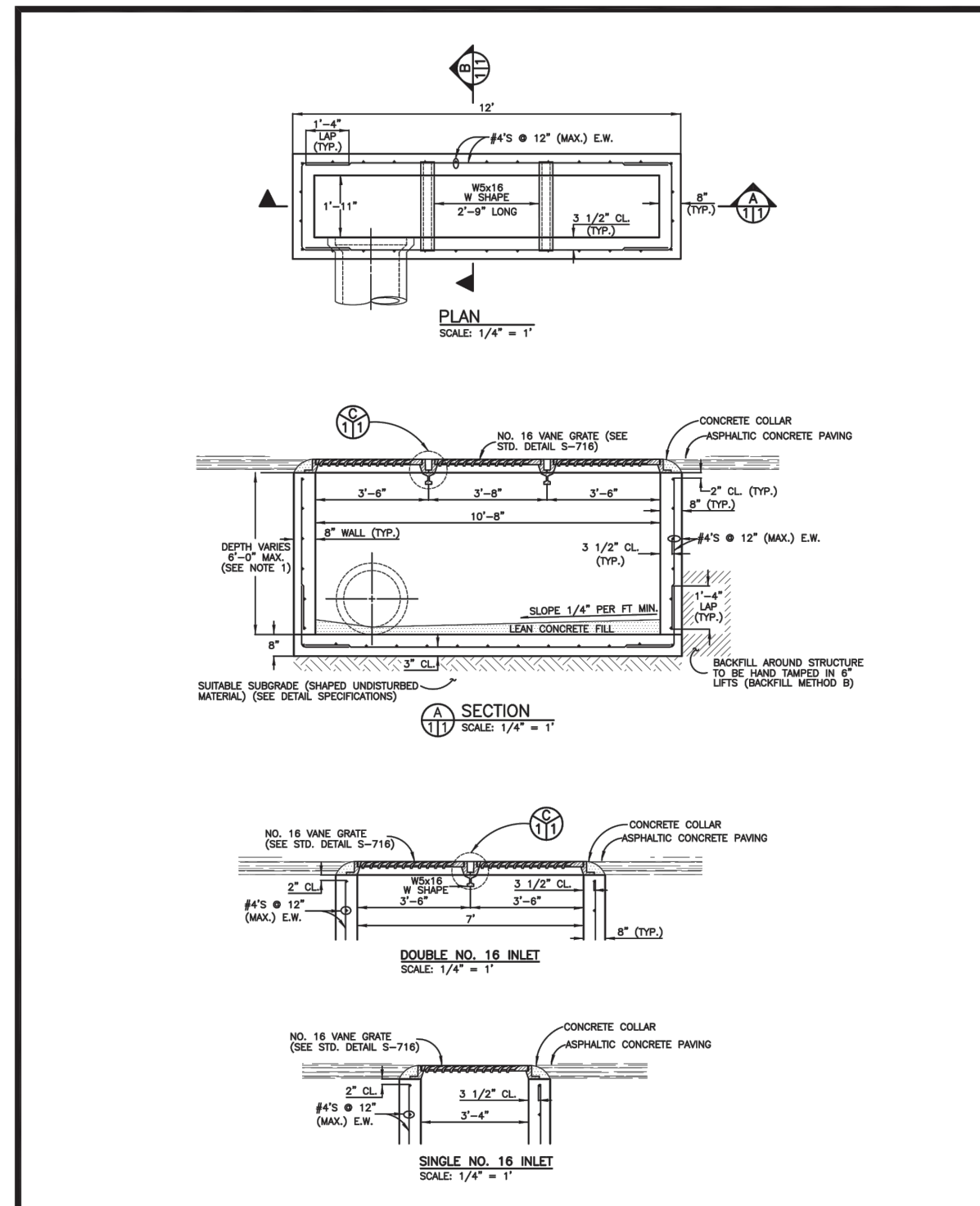
Issued: 05/2013
 Revised: _____
 Drawing No. **SP.42b**



REFERENCE: CITY AND COUNTY OF DENVER DRAWING NUMBER S-616V

COMBINATION INLET TYPE 13/ DENVER TYPE 16 - SINGLE, DOUBLE & TRIPLE NO. 16 INLET VALLEY

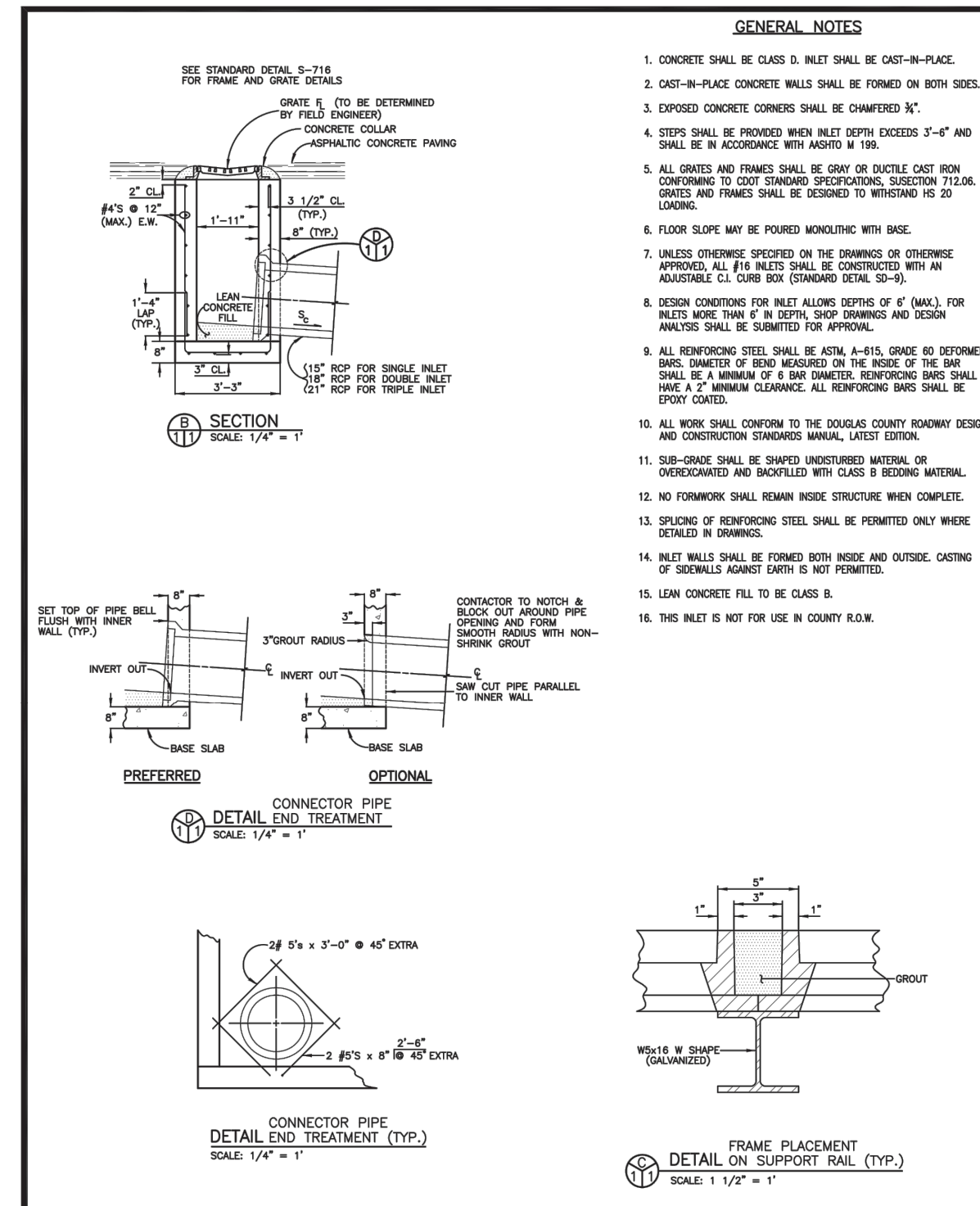
Issued: 05/2013
 Revised: _____
 Drawing No. **SP.41a**



REFERENCE: CITY AND COUNTY OF DENVER DRAWING NUMBER S-616V

COMBINATION INLET TYPE 13/ DENVER TYPE 16 - SINGLE, DOUBLE & TRIPLE NO. 16 INLET VALLEY

Issued: 05/2013
 Revised: _____
 Drawing No. **SP.41b**



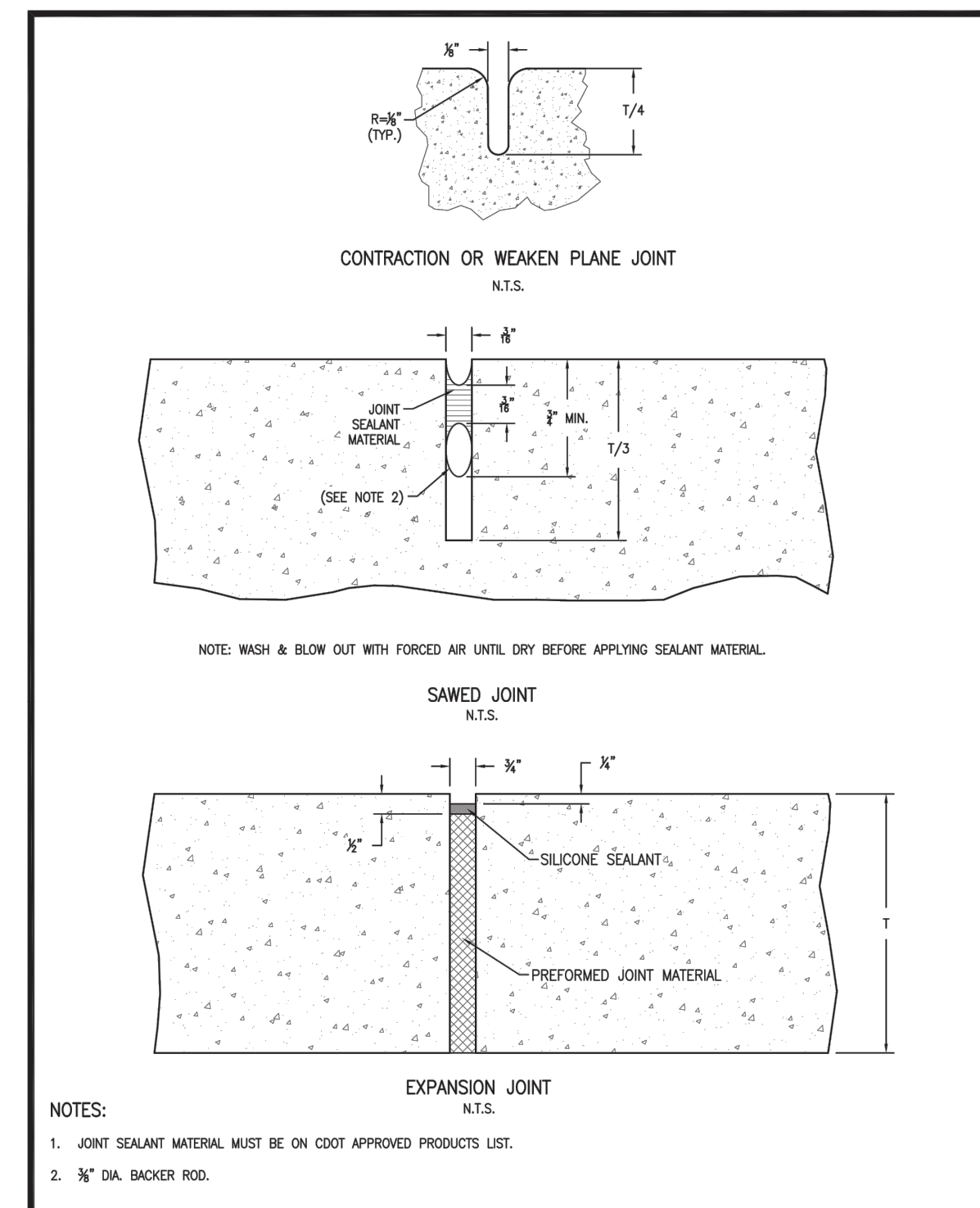
APPROVED BY DOUGLAS COUNTY

Janet Herman
 JANET HERMAN, P.E.
 DIRECTOR OF PUBLIC WORKS ENGINEERING

DATE: 06/18/2021

CONCRETE JOINTS

Issued: 05/2013
 Revised: 07/2020
 Drawing No. **SP.31**



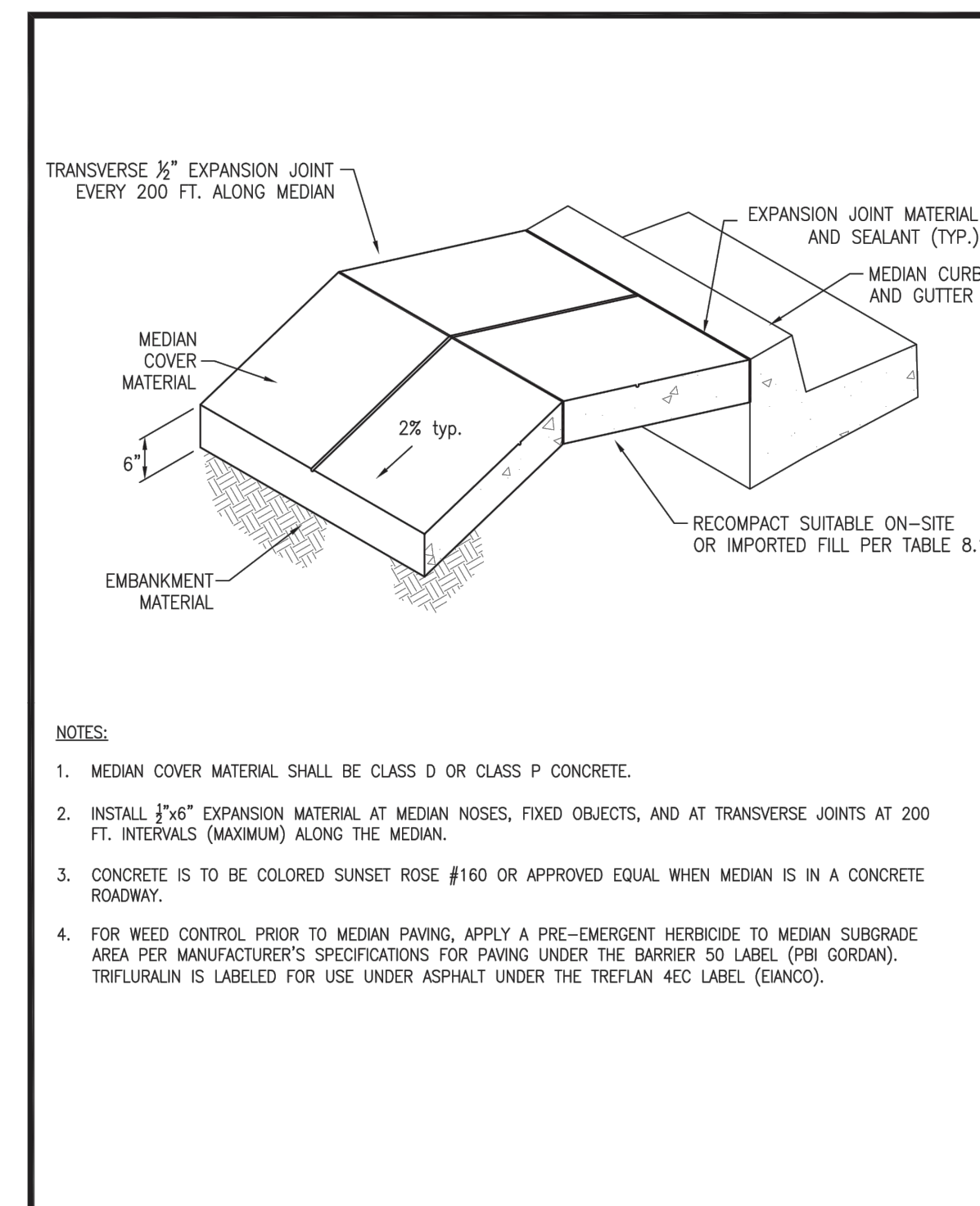
APPROVED BY DOUGLAS COUNTY

Janet Herman
 JANET HERMAN, P.E.
 DIRECTOR OF PUBLIC WORKS ENGINEERING

DATE: 06/18/2021

MEDIAN COVER MATERIAL

Issued: 05/2013
 Revised: 05/2021
 Drawing No. **SP.29**



CONSTRUCTION DOCUMENTS

CHICK-FIL-A
HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

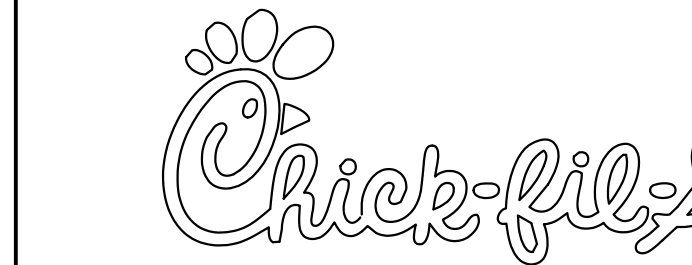
REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
 PRINTED FOR FOR CONSTRUCTION
 DATE 09/22/23
 DRAWN BY KEA
 SHEET DETAILS
 SHEET NUMBER
C8.1

FOR AND ON BEHALF OF
 MERRICK AND COMPANY

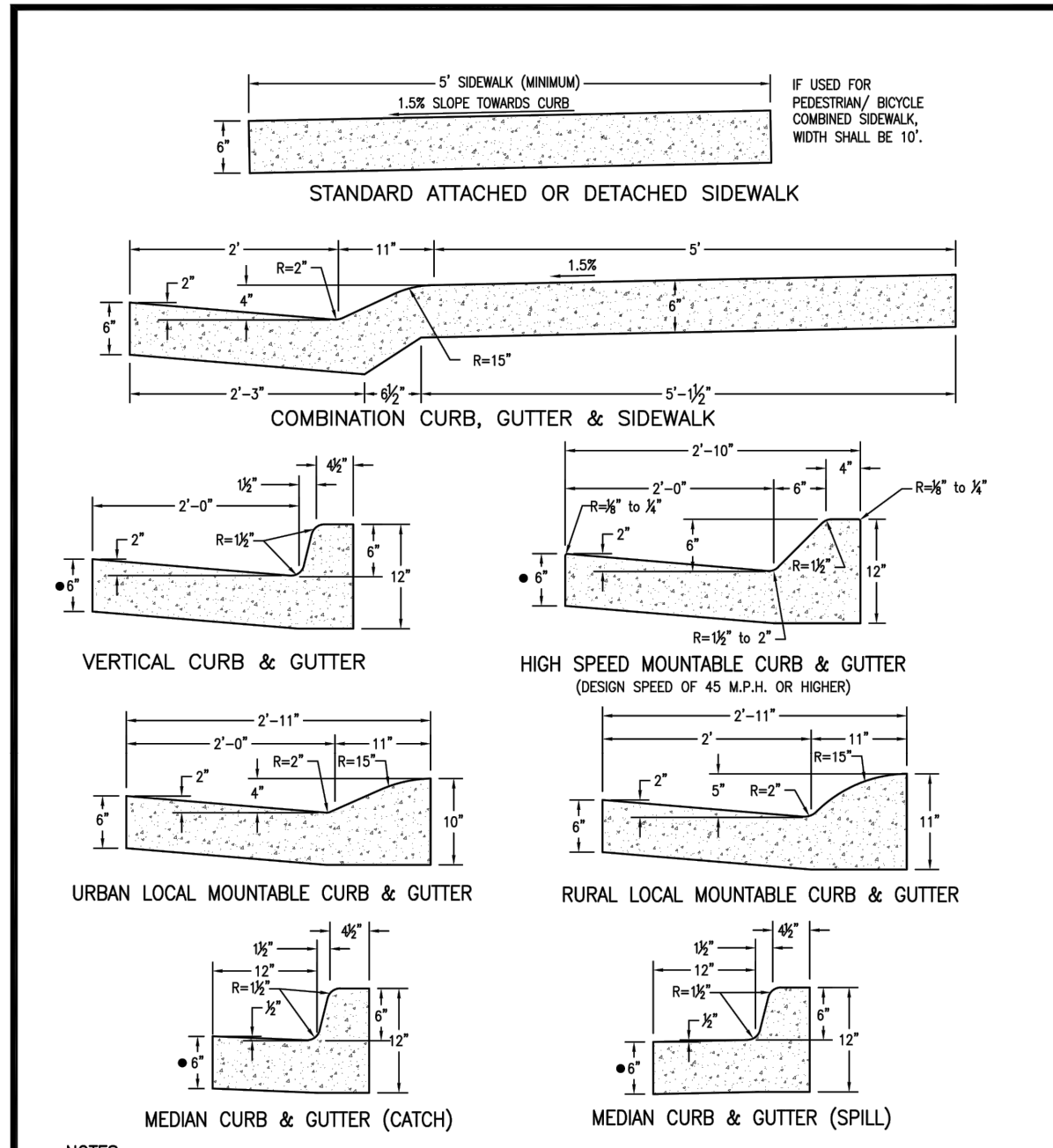
5970 GREENWOOD PLAZA BLVD
 GREENWOOD VILLAGE, CO 80111
 303-751-0741



Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



E



- NOTES:
- If a sidewalk is placed behind the curb but is not placed monolithically, expansion joint material and a silicone base sealer must be applied between the sidewalk and the curb.
 - SEE DRAWING NUMBER SP.23a and SP.23b FOR TRENCH DRAIN.
 - SEE DRAWING NUMBER SP.31 AND SP.32 FOR CONCRETE JOINTS.
 - GUTTER THICKNESS SHALL BE INCREASED TO MATCH CONCRETE PAVEMENT THICKNESS.

APPROVED BY DOUGLAS COUNTY

CURB & GUTTERS AND SIDEWALKS

Issued: 05/2013
Revised: 10/2021

DOUGLAS COUNTY COLORADO

Drawing No. **SP.17**

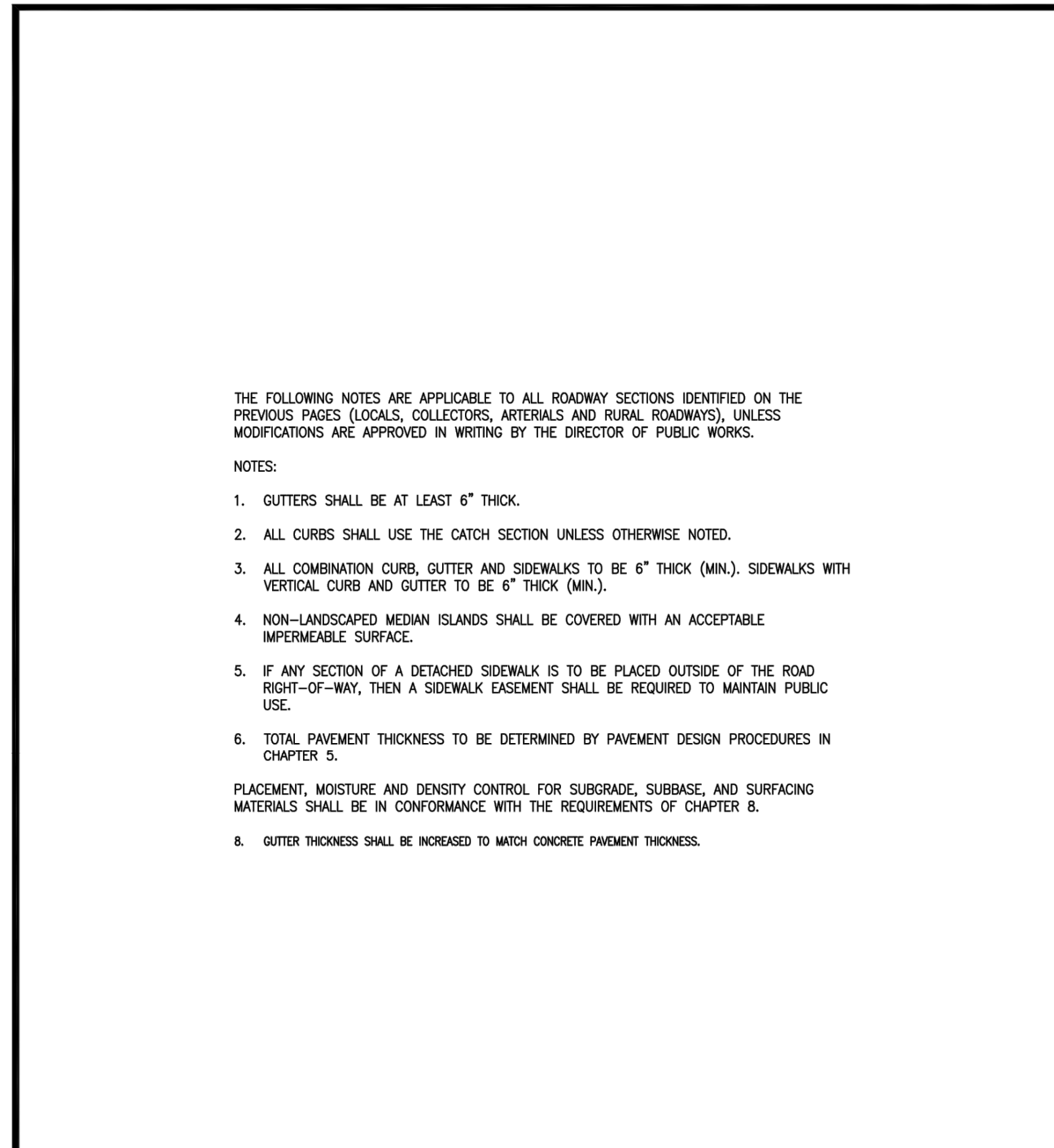
APPROVED BY DOUGLAS COUNTY

ROADWAY NOTES

Issued: 05/2013
Revised: 10/2021

DOUGLAS COUNTY COLORADO

Drawing No. **SP.16**



- NOTES:
- ADQUATE BARRICADES SHALL BE PLACED AND MAINTAINED UNTIL THE COLLAR ATTAINS A COMPRESSIVE STRENGTH OF 4000 PSI.
 - MANHOLES SHALL NOT BE LOCATED IN CROSSINGS OR GUTTERS.
 - MANHOLE RIM AND COVER SHALL MATCH ROADWAY SLOPE.

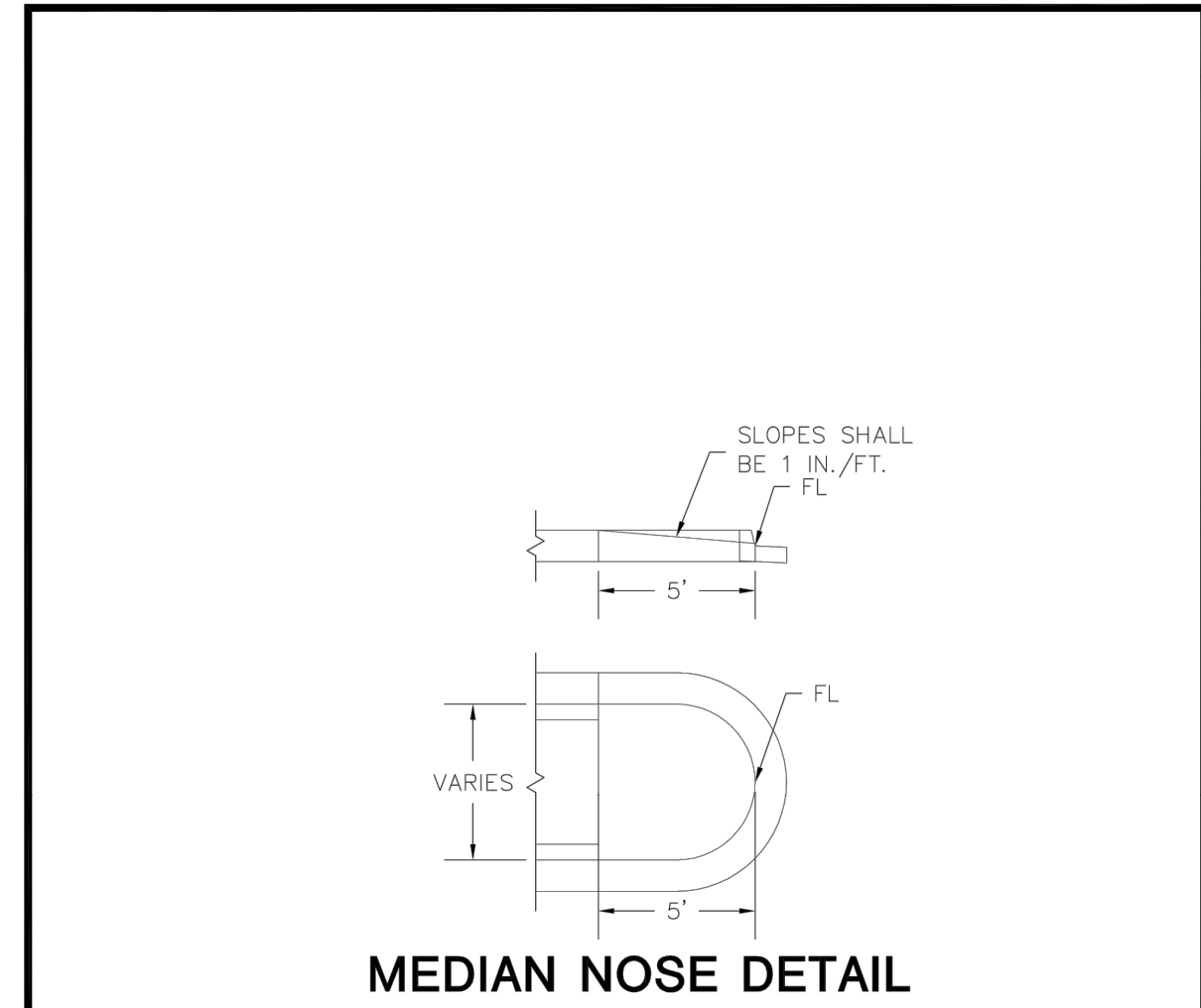
APPROVED BY DOUGLAS COUNTY

MANHOLE RING AND COVER ADJUSTMENT

Issued: 05/2013
Revised: 10/2021

DOUGLAS COUNTY COLORADO

Drawing No. **SP.57**



MEDIAN NOSE DETAIL

CITY OF LONE TREE PUBLIC WORKS

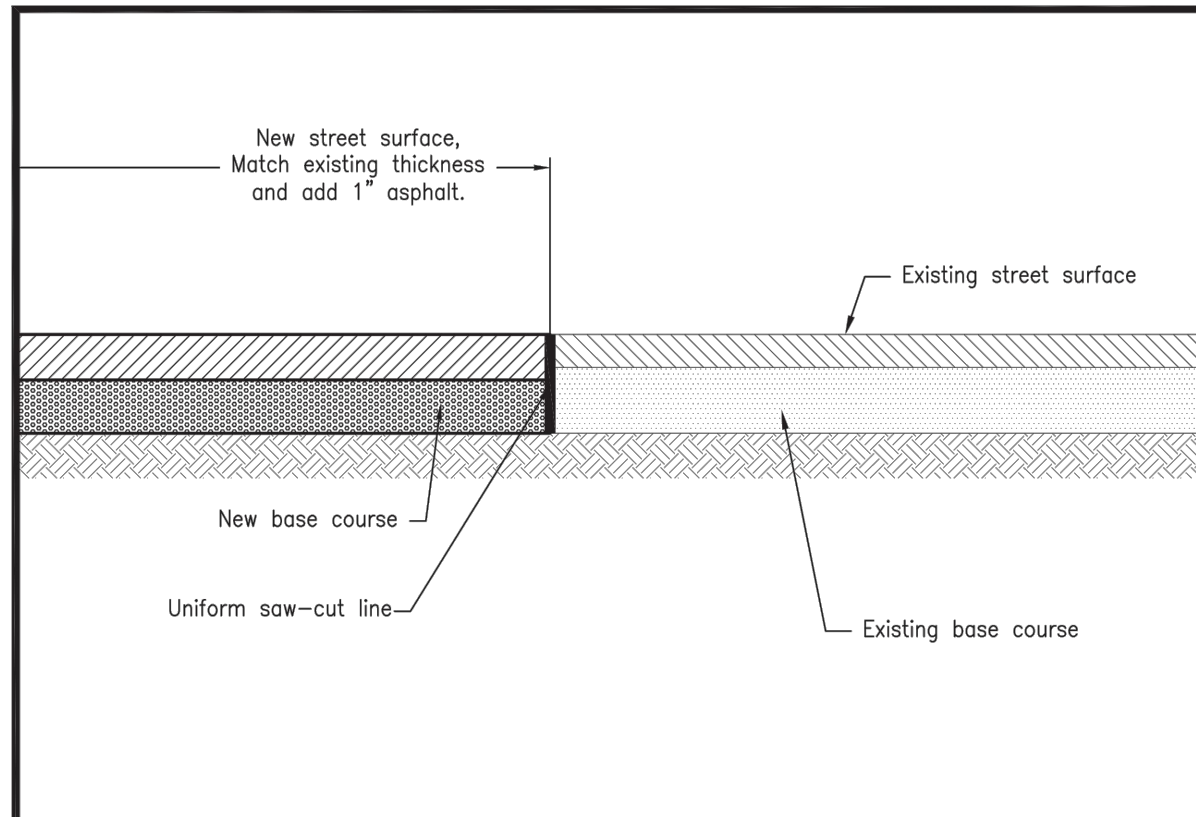
MEDIAN NOSE DETAIL

DATE: 08-09-11 BY: S/JT

DRAWING NO.: MEDIAN NOSE DETAIL

DETAIL NUMBER **1**

D



- NOTES:
- This Street Cut/Patching detail specifies requirements in addition to those specified in the latest edition of the Colorado Department of Transportation's Standard Specifications for Road and Bridge Construction.
 - A Construction Traffic Control Plan shall be submitted to and approved by Douglas County prior to issuance of Construction Permits in the County Right-of-Way.
 - Pavement edges shall be saw-cut and kept to a neat vertical edge prior to paving.
 - Edges shall be tack coated prior to patching.

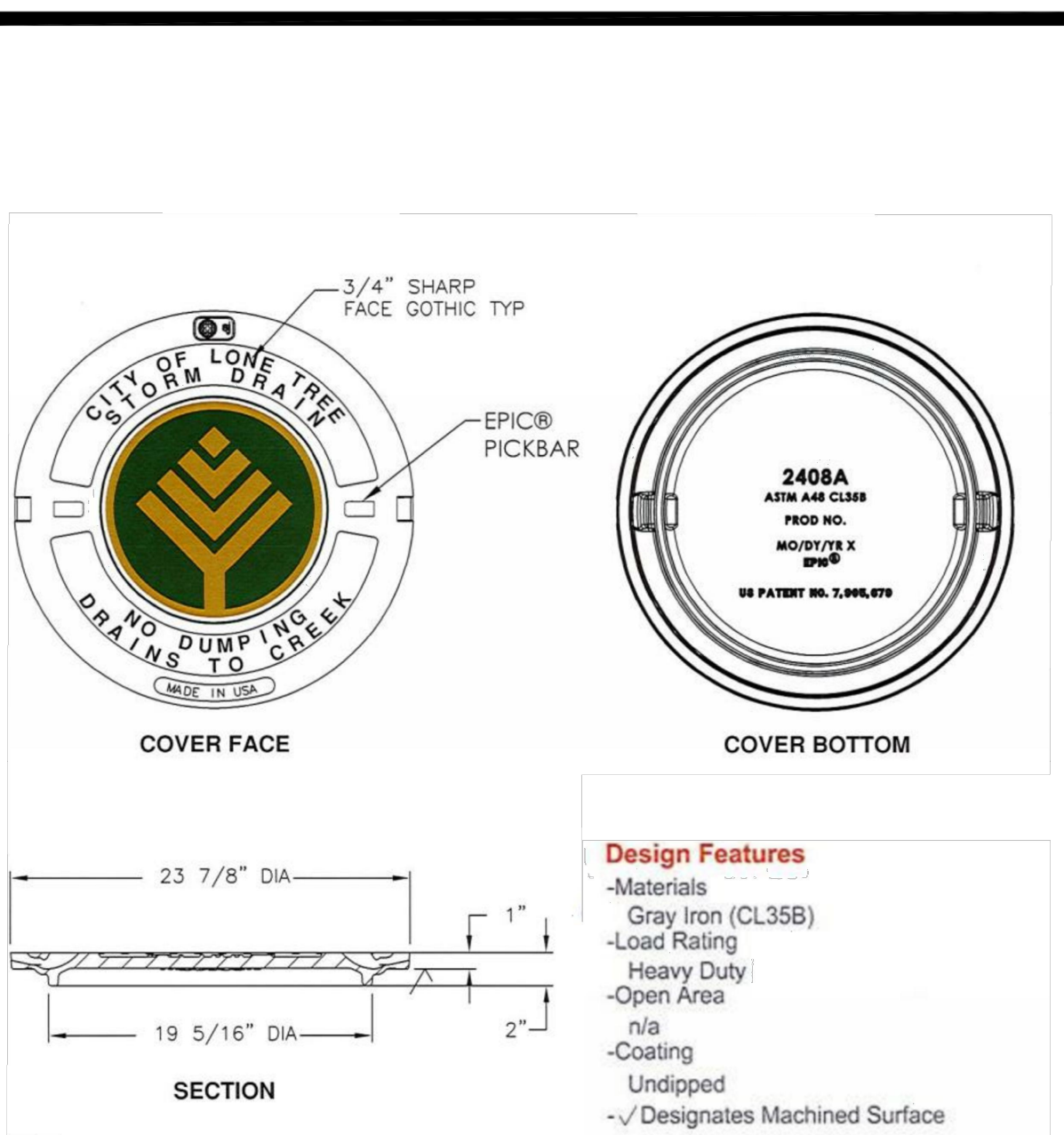
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ASPHALT STREET CUT/PATCHING

Issued: 05/2013
Revised: 05/2021

DOUGLAS COUNTY COLORADO

Drawing No. **SP.62**



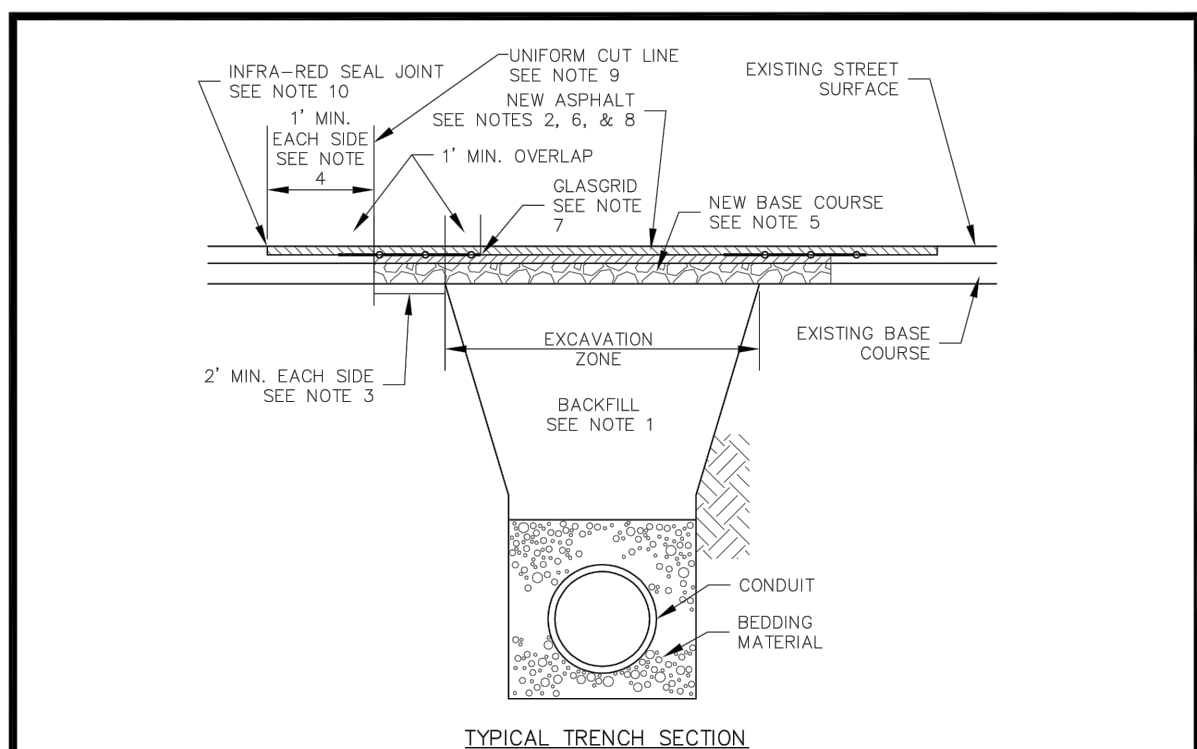
CITY OF LONE TREE PUBLIC WORKS

MANHOLE LID COVER

DATE: 06/05/2020 BY: J. KRELL

DRAWING NO.:

DETAIL NUMBER **MH-1**



- NOTES:
- ALL PUBLIC STREET CUTS SHALL BE BACKFILLED WITH CLSM UNLESS THE TRENCH IS WIDE ENOUGH FOR A FULL-SIZED, SELF-PROPELLED COMPACTOR TO DRIVE THROUGH.
 - PAVEMENT PATCH THICKNESS SHALL NOT BE LESS THAN THE EXISTING SECTION.
 - SAW CUT AND REMOVE PAVEMENT AND BASE A MINIMUM OF 2" BACK FROM EXCAVATION ZONE OR LIMITS OF UNDISTURBED SUB-BASE, WHICHEVER IS GREATER.
 - ROTMILL ASPHALT (2" DEPTH MINIMUM) A MINIMUM OF 1" BEYOND THE FULL DEPTH SAW CUT AND REMOVAL.
 - INSTALL 8 INCHES OF CDOT CLASS 6 ROAD BASE OR RECYCLED ASPHALT, COMPACTED IN PLACE TO MINIMUM 98% MODIFIED PROCTOR MAXIMUM DENSITY (ASTM D 1557).
 - INSTALL AND PROPERLY COMPACT REQUIRED DEPTH OF BASE COURSE ASPHALTIC CONCRETE (CDOT GRADING 5).
 - INSTALL REINFORCEMENT MAT (TENSAR GLASSGRID 8511, OR APPROVED EQUAL) PER MANUFACTURERS RECOMMENDATIONS (MINIMUM 5 FOOT WIDTH).
 - INSTALL AND PROPERLY COMPACT ASPHALTIC CONCRETE TOP COURSE (CDOT GRADING 5).
 - ALL CUTS TO BE SQUARED OFF PRIOR TO RESTORATION. SAW CUT OR ROTOMILL.
 - THE JOINT BETWEEN THE NEW TOP COURSE ASPHALT AND THE EXISTING ASPHALT SHALL BE SEALED USING INFRA-RED JOINTING PROCESS.
 - ARTERIAL STREETS AND MAJOR COLLECTORS MUST BE PATCHED THE SAME DAY THE CUT OCCURS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEERING/PUBLIC WORKS DEPARTMENT.
 - ANY PAVEMENT MARKING (LANE LINES, TURN ARROWS, ETC.) DAMAGED BY THE STREET CUT AND REPAIR OPERATIONS SHALL BE REPLACED IN CONFORMANCE WITH CITY SIGNAGE AND STRIPING STANDARDS, AS DIRECTED BY THE ENGINEERING/PUBLIC WORKS DEPARTMENT.

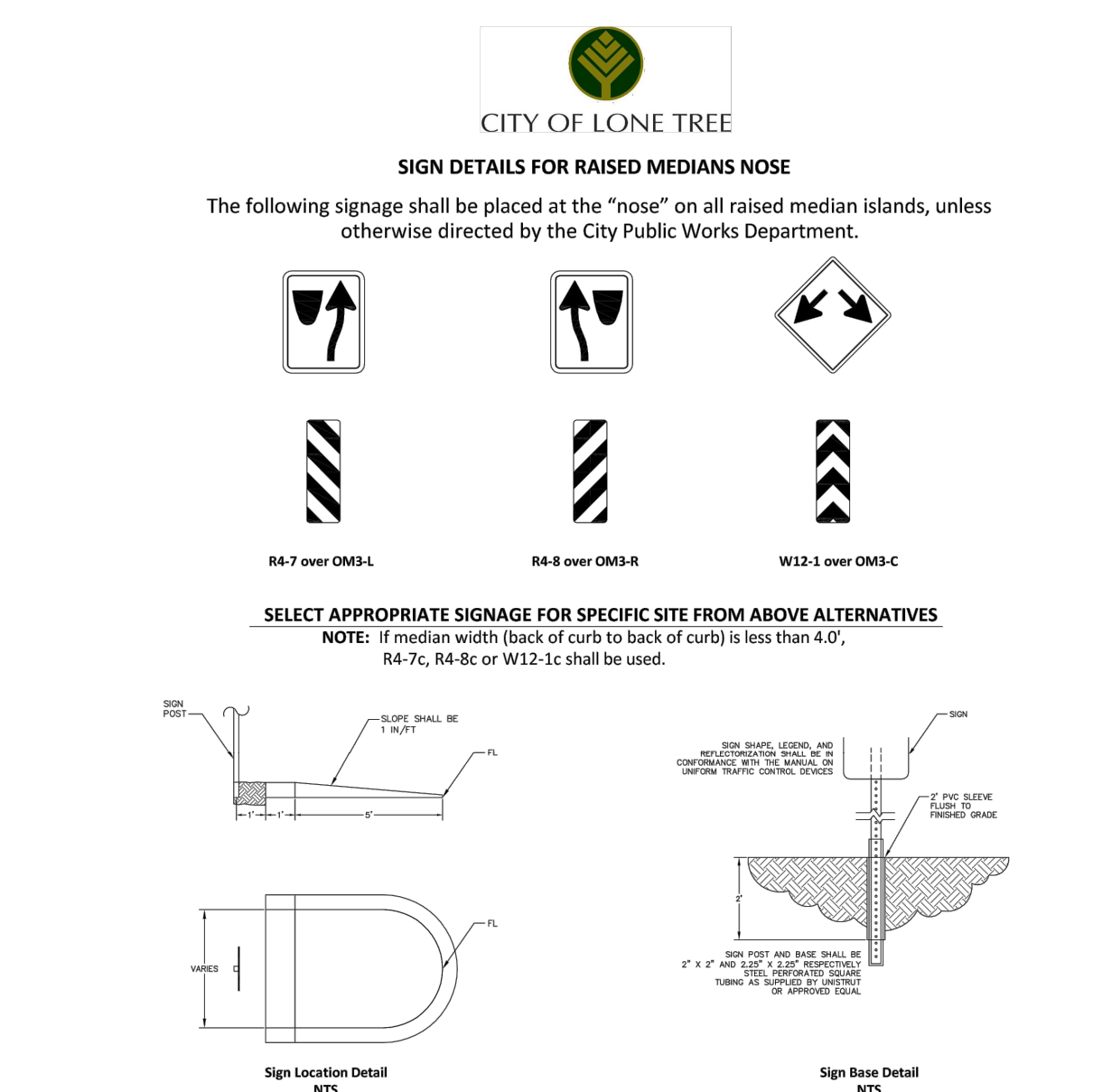
CITY OF LONE TREE PUBLIC WORKS

ASPHALT PAVEMENT PATCHBACK

DATE: 9/24/13 BY: GAW

DRAWING NO.: ST-01

DETAIL NUMBER **1**



- NOTES:
- All traffic control devices shall conform to the most recent version of the Federal Manual on Uniform Traffic Control Devices (MUTCD), the "Colorado Supplemental MUTCD" and the Douglas County "Road and Construction Standards Manual". Further specifications and illustrations are located in the Colorado Division of Highways "M and S Standards".
 - All newly installed traffic signs shall meet the minimum retro-reflectivity and illumination standards as set forth by the MUTCD (latest edition). These minimum requirements shall fall under the requirements of the two (2) year warranty period for new construction.
 - The contractor installing signs is responsible for locating and protecting all underground utilities. Lone Tree Public Works shall be contacted a minimum of 72 hours prior to installation at 303-662-8112.
 - Following installation, the contractor shall notify the City of Lone Tree Public Works Department, 303-662-8112. A field inspection of location and installation of all signs shall be performed by Public Works. All discrepancies identified during the field inspection must be corrected before the two-year warranty period will begin.

CITY OF LONE TREE APPROVAL

CITY OF LONE TREE

DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK

E



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

C

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER A MENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)

RELEASE: 22.05

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS

CONSULTANT PROJECT # 65121141

PRINTED FOR FOR CONSTRUCTION

DATE 09/22/23

DRAWN BY KEA

SHEET

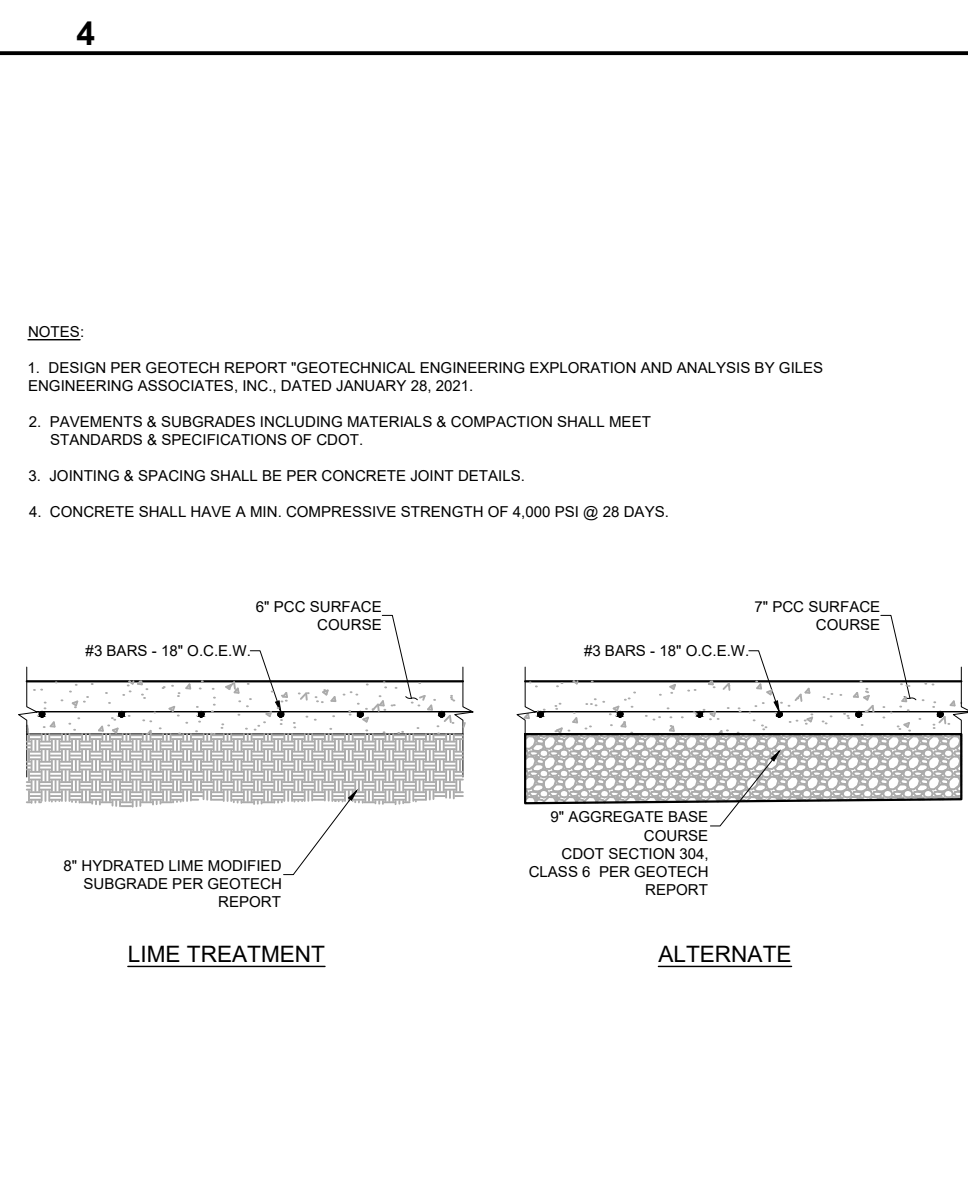
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SHEET NUMBER

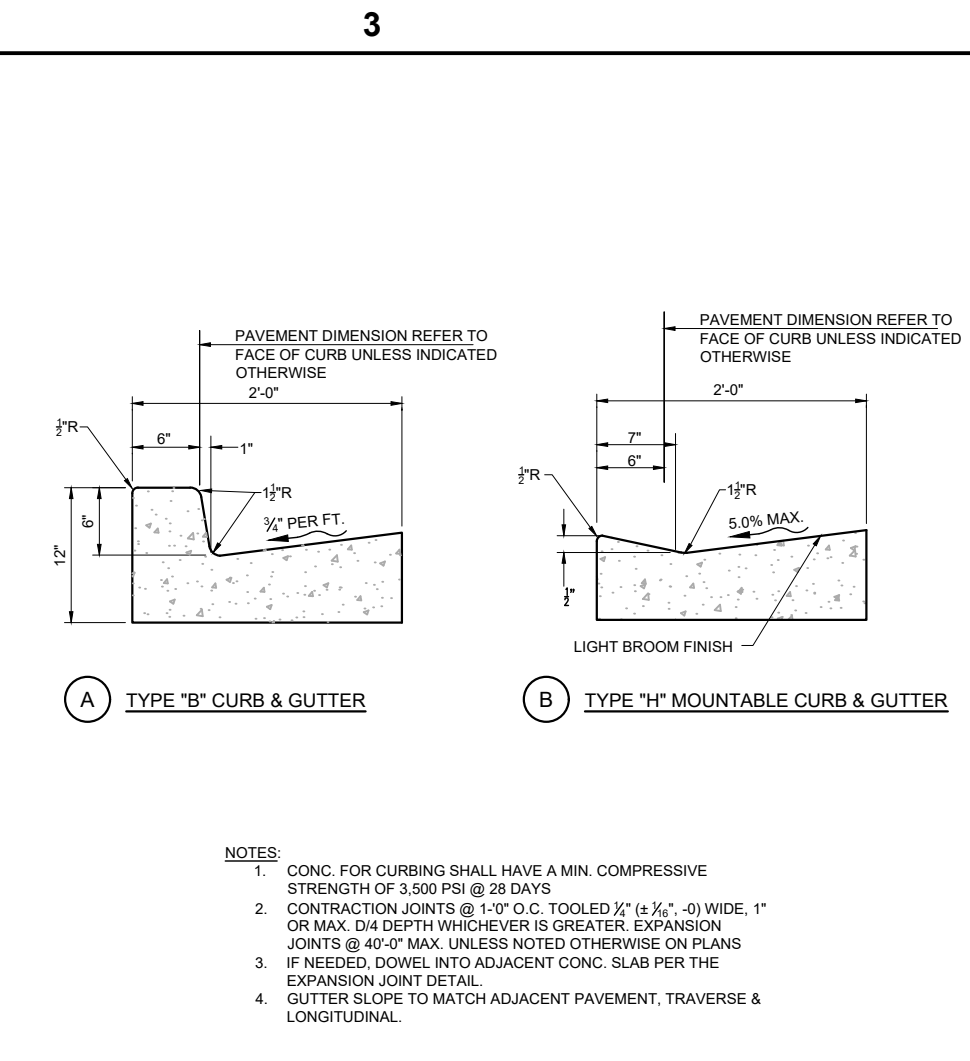
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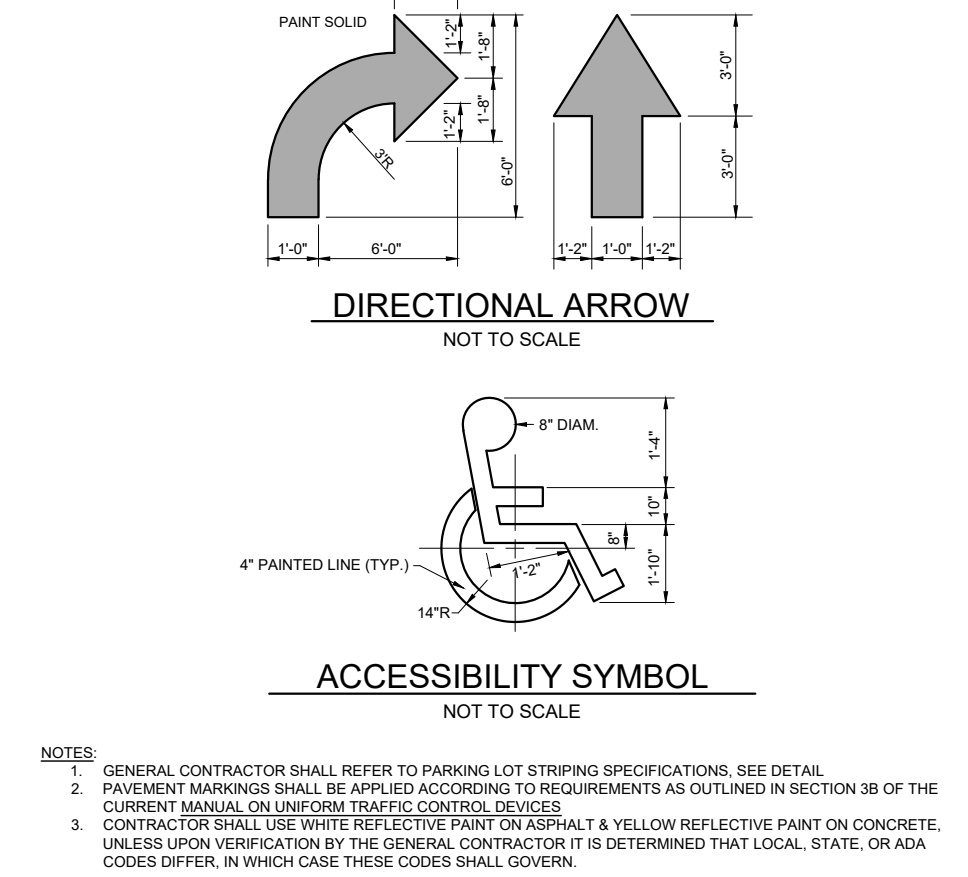
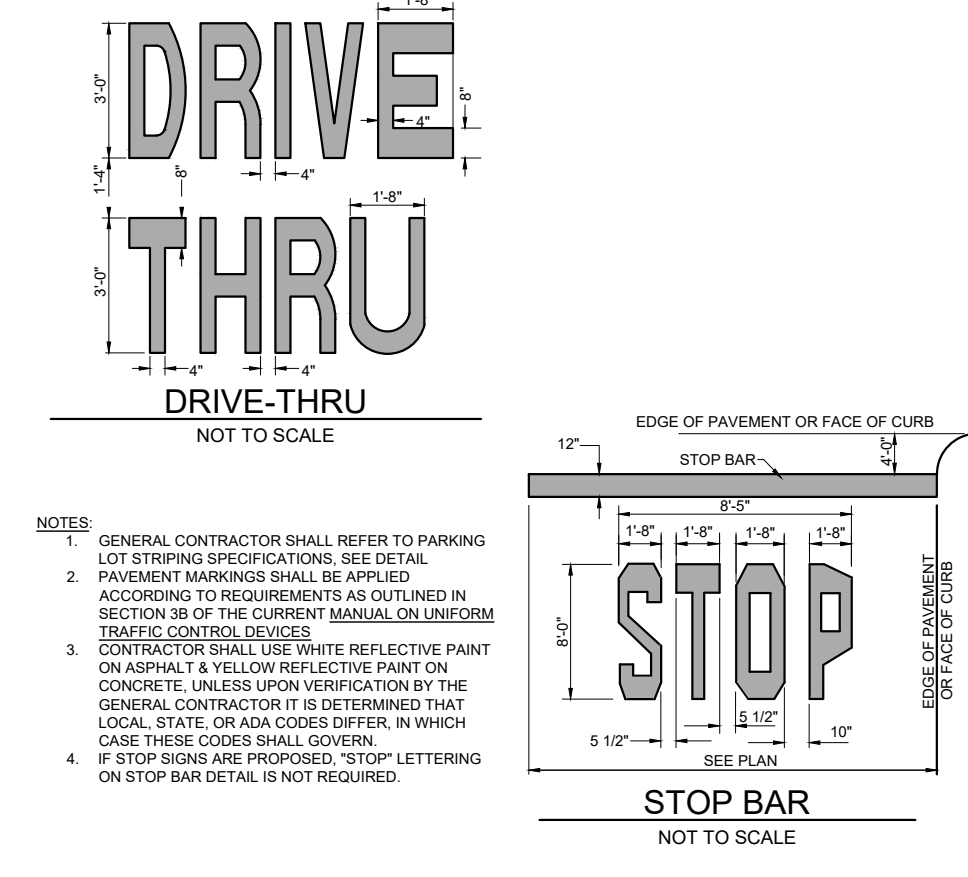
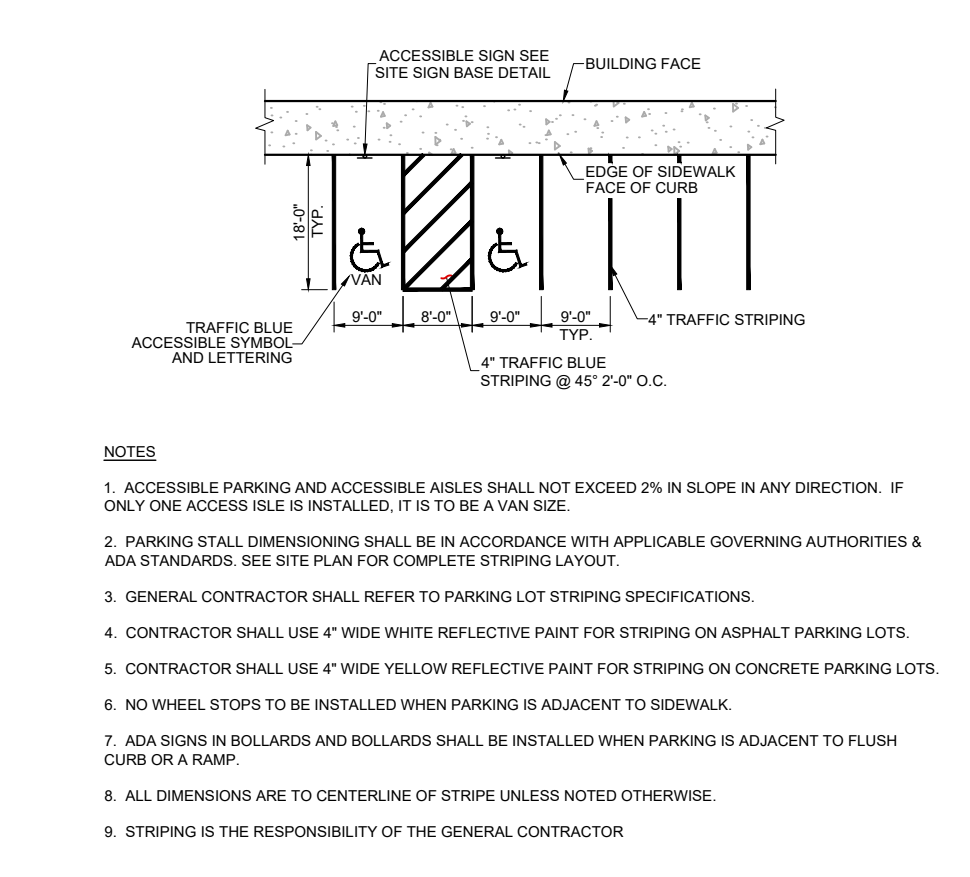
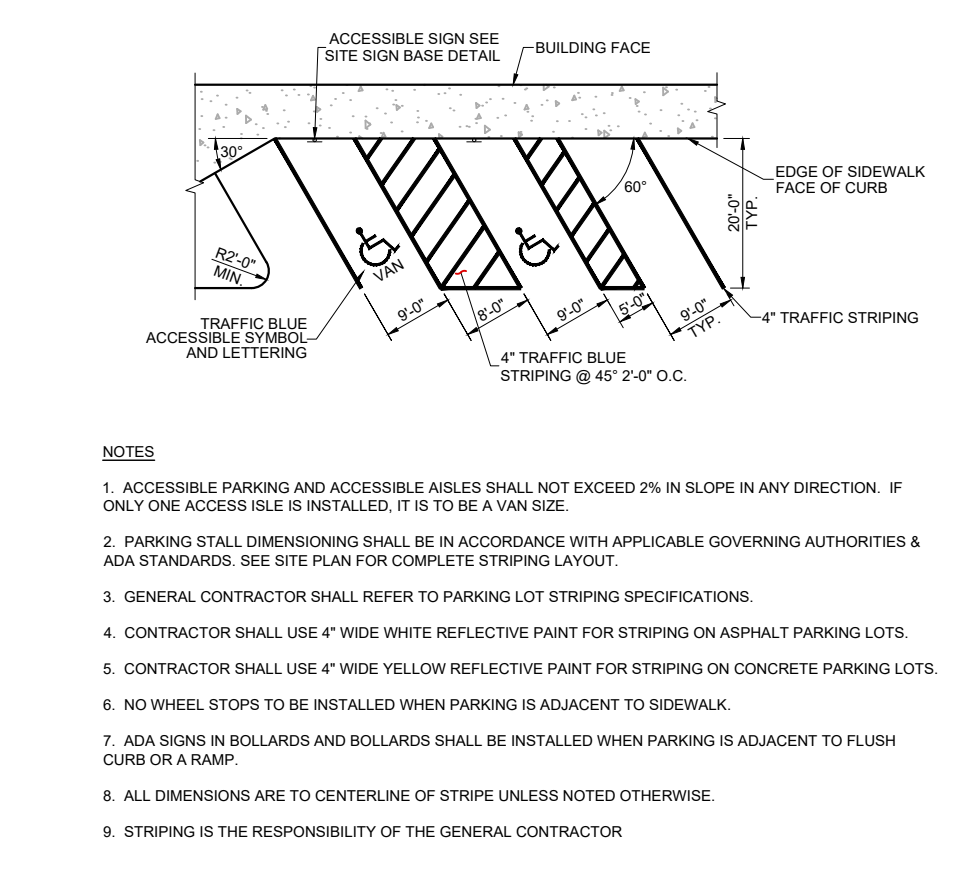
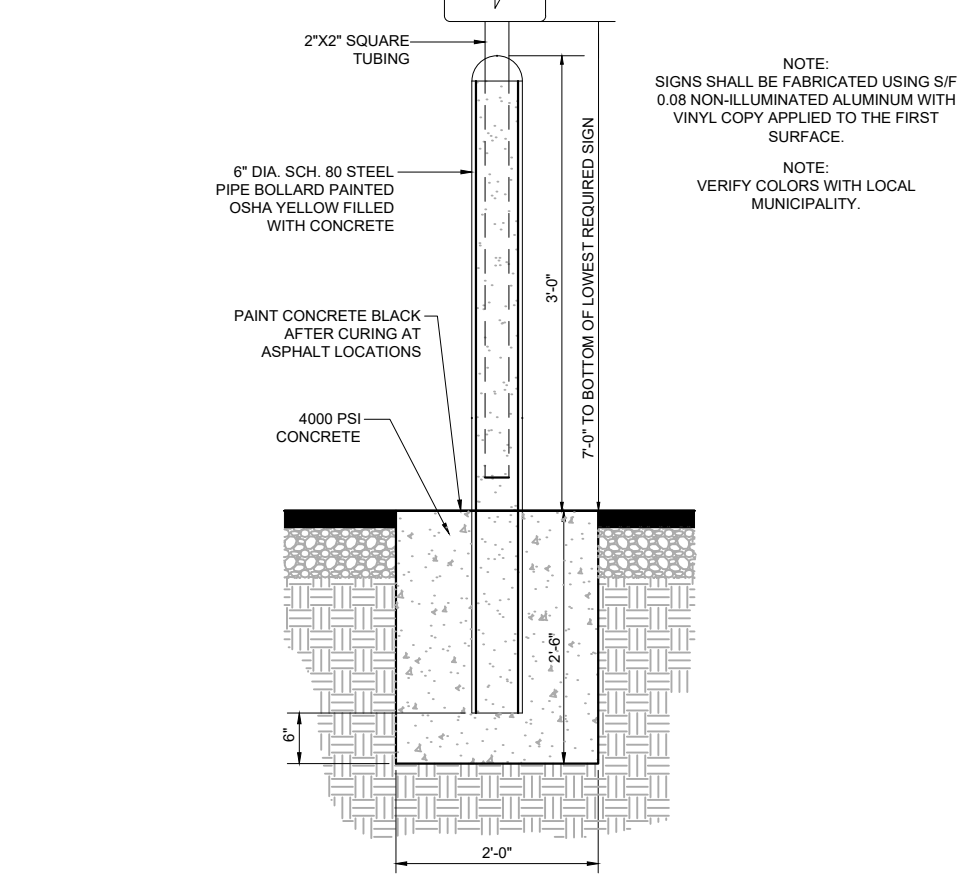
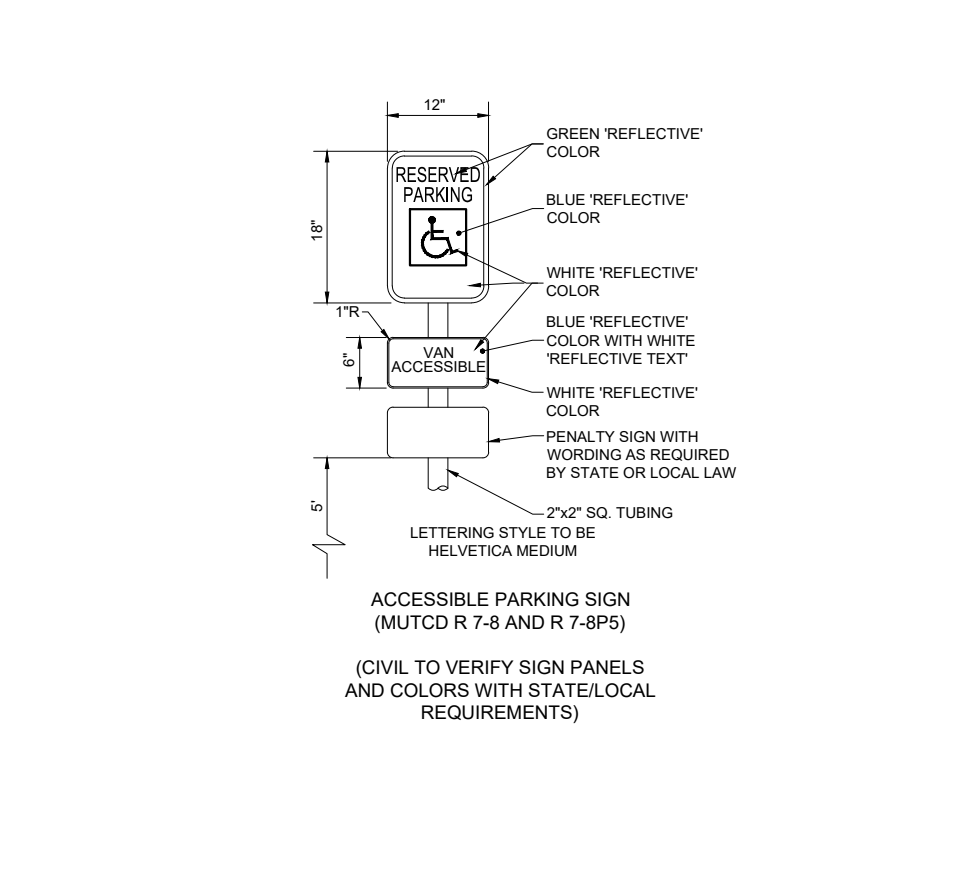
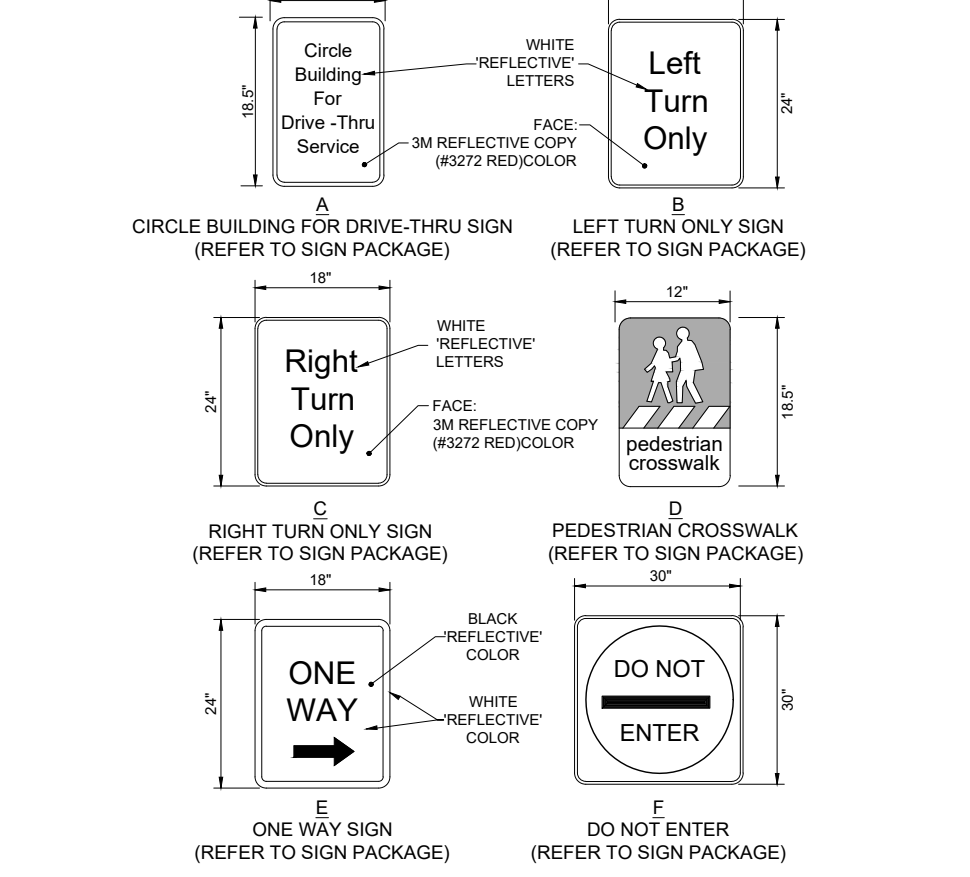
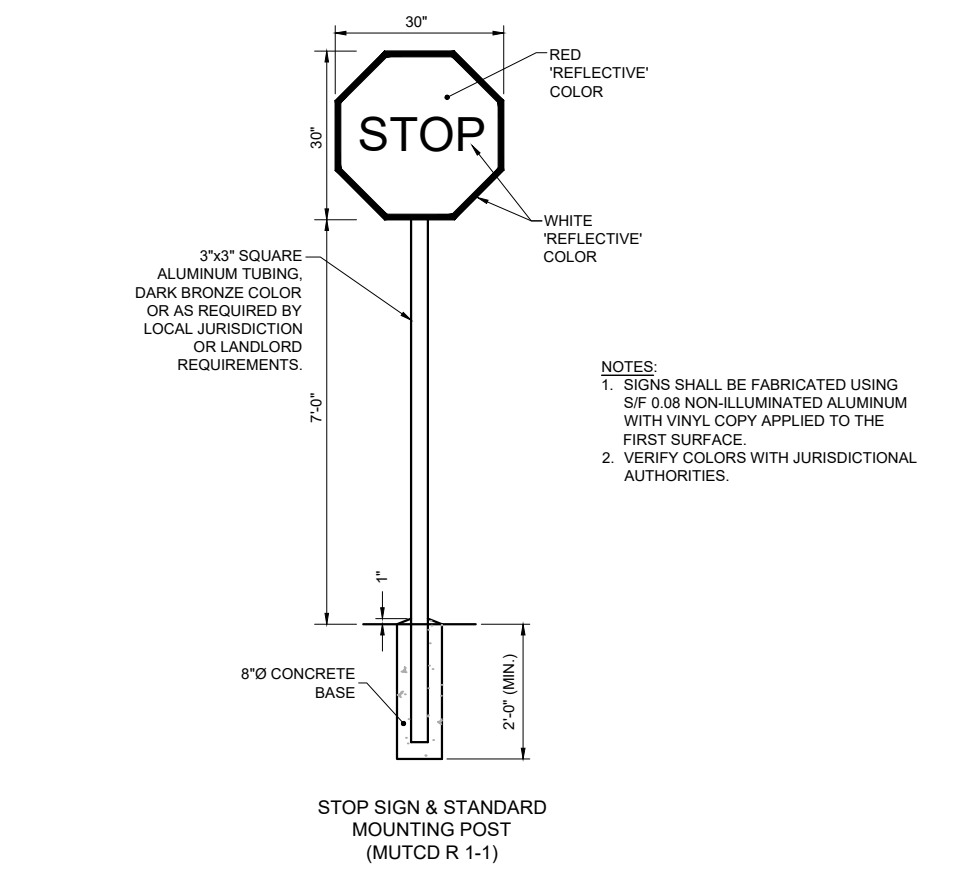
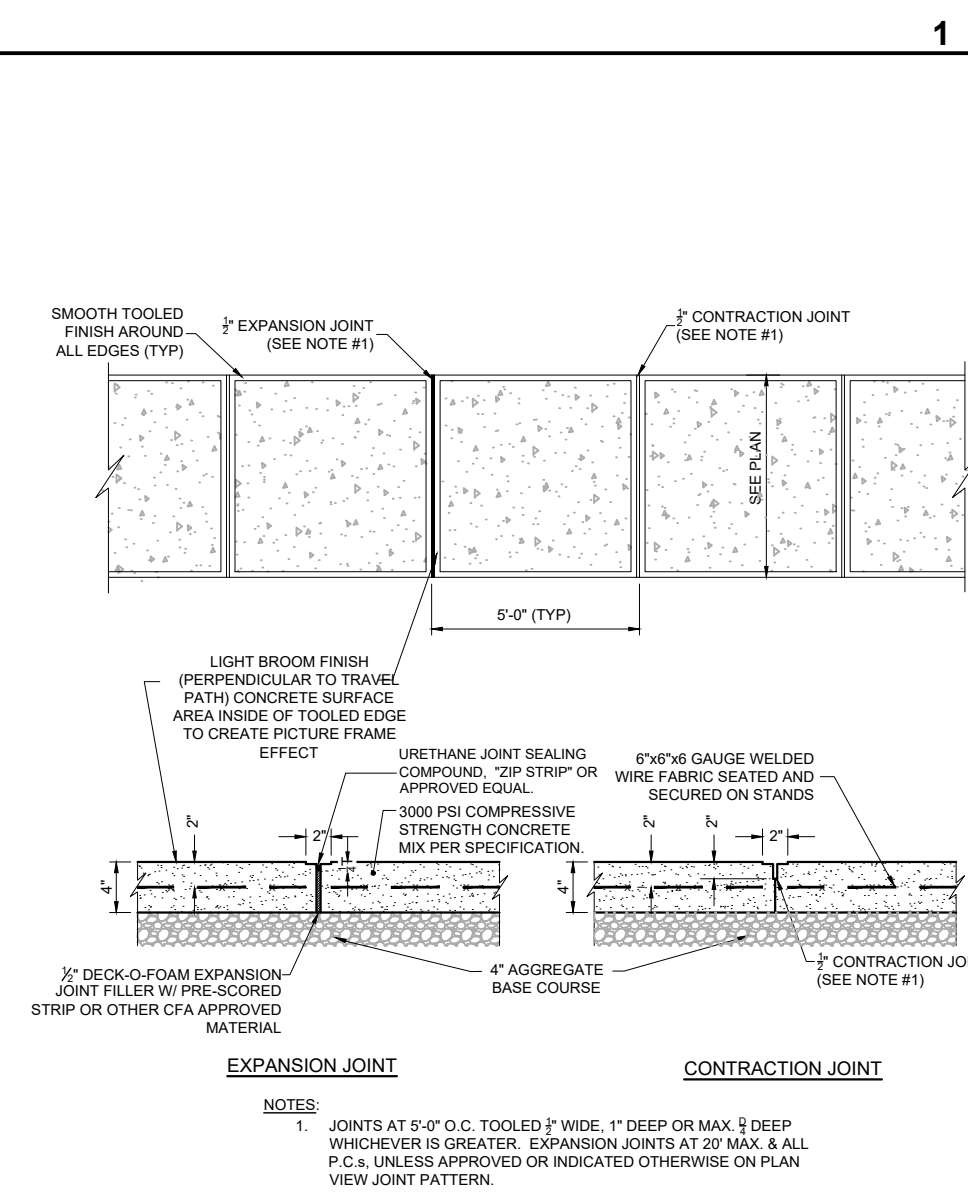
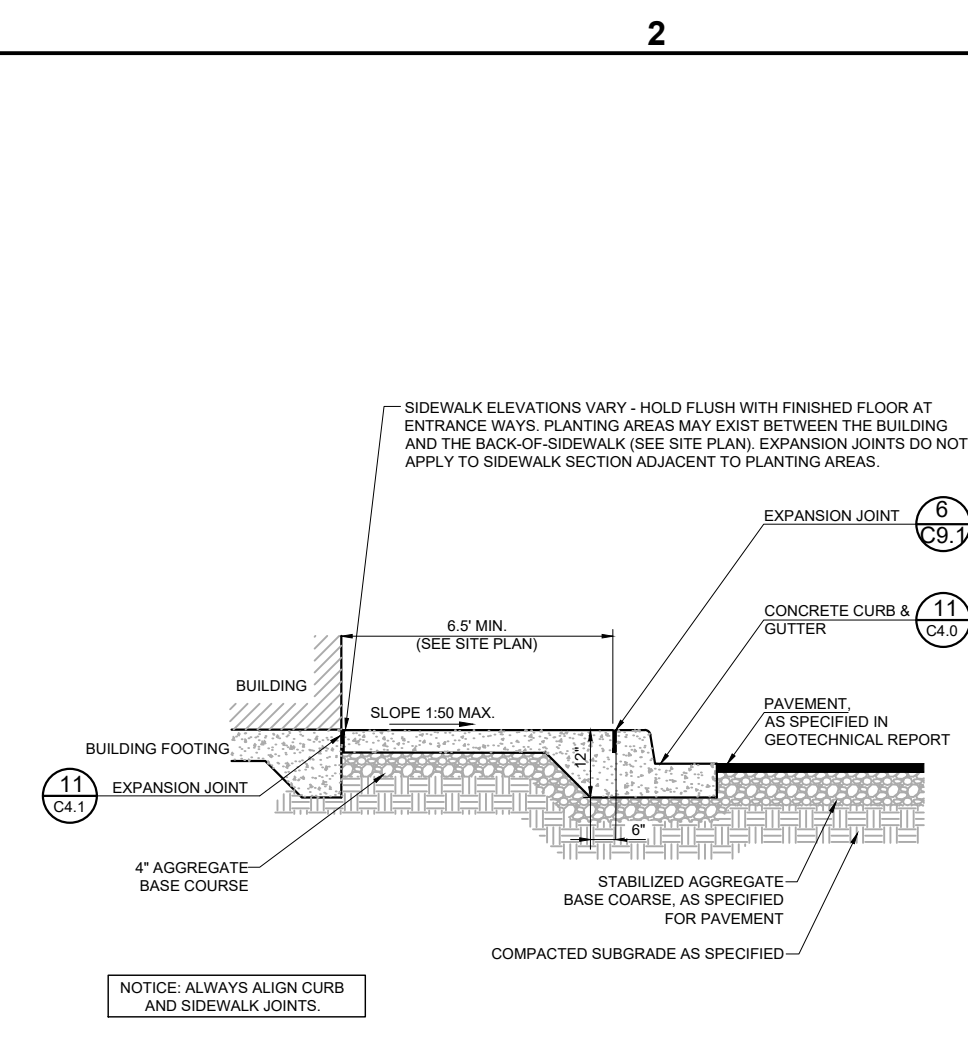




12 CONCRETE PAVEMENTS
C9.0 NOT TO SCALE



11 CONCRETE CURB & GUTTER
C9.0 NOT TO SCALE



4 60° ANGLED PARKING STRIPING
C9.0 NOT TO SCALE

3 90° PARKING STRIPING
C9.0 NOT TO SCALE

2 PAVEMENT MARKINGS - 2
C9.0 NOT TO SCALE

1 PAVEMENT MARKINGS - 1
C9.0 NOT TO SCALE

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Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

MERRICK
5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

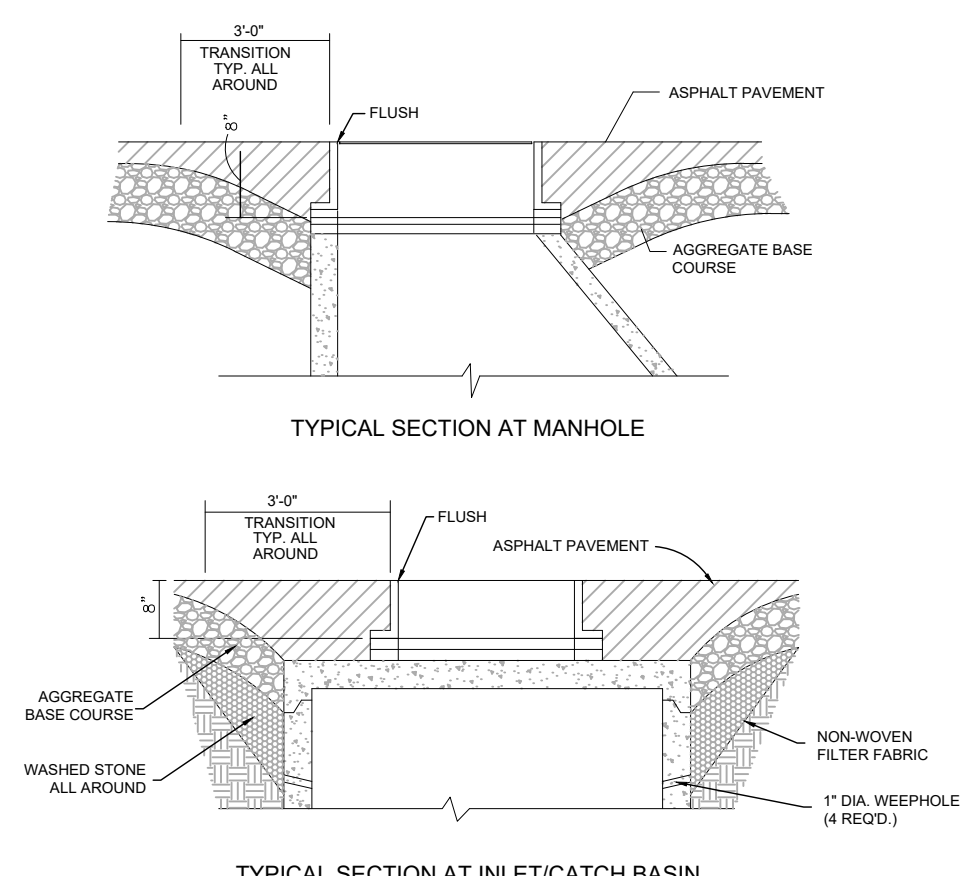
CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

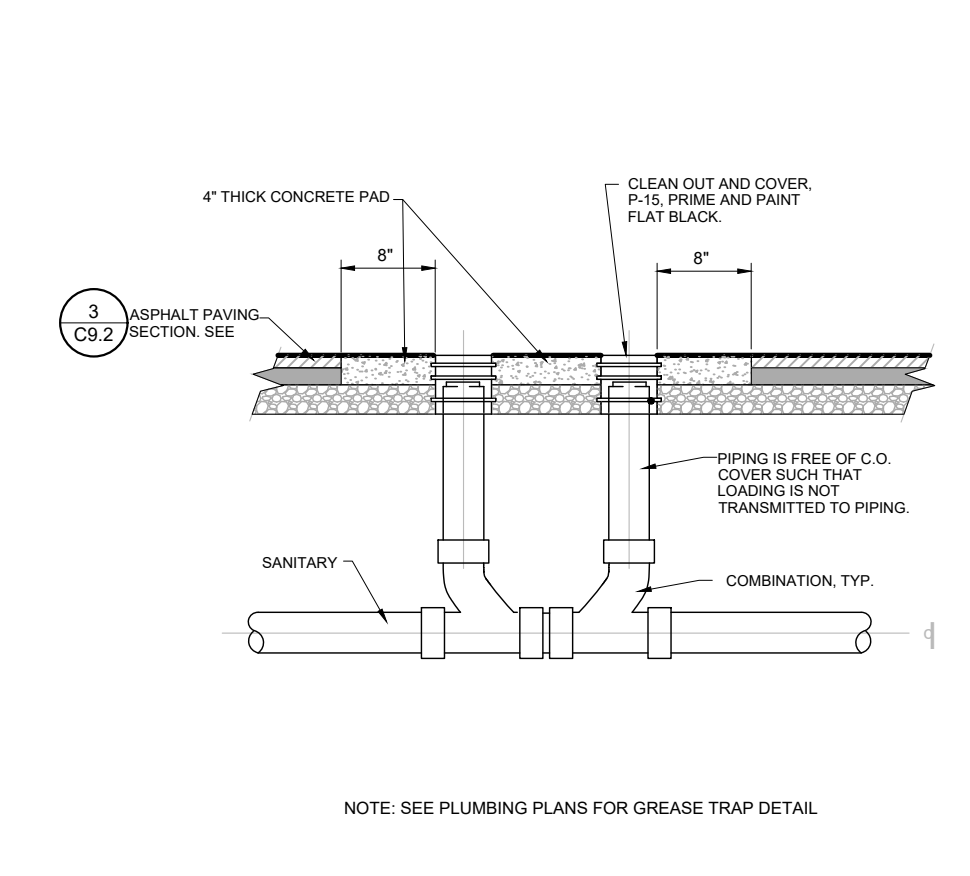
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CITY OF LONE TREE	DATE	FOR CONSTRUCTION
DATE	09/22/23	KEA
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.		
ENGINEERING DIVISION ACCEPTANCE BLOCK		

C9.0

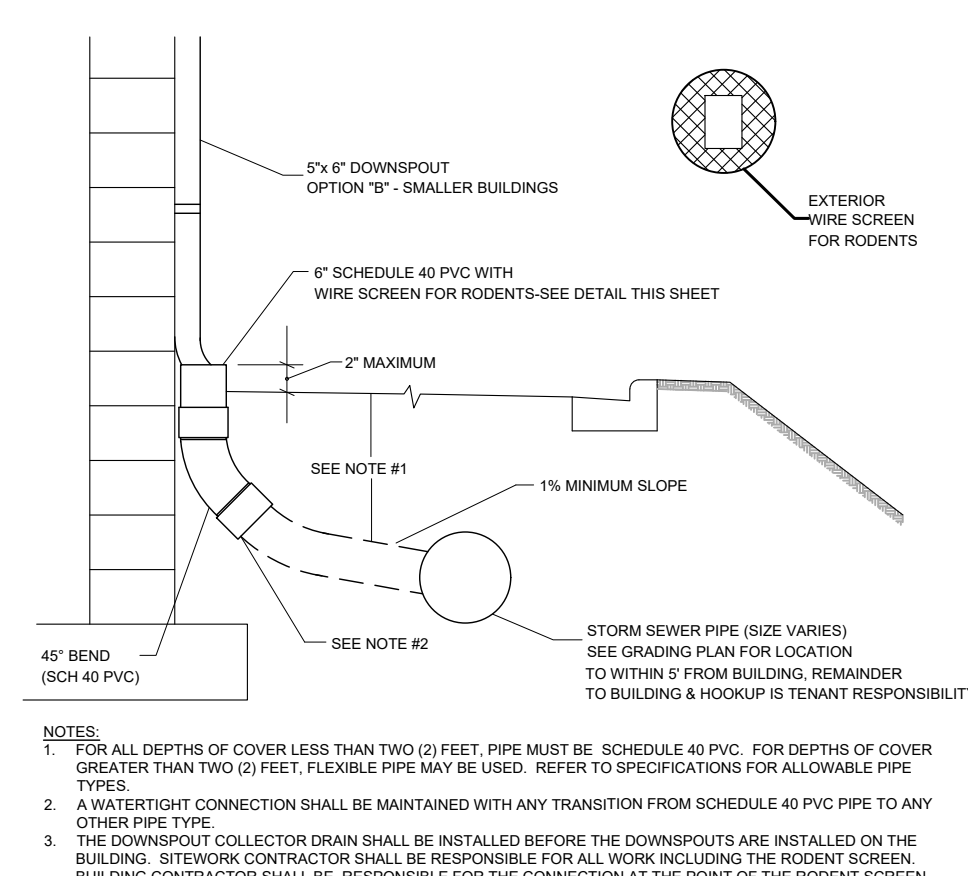
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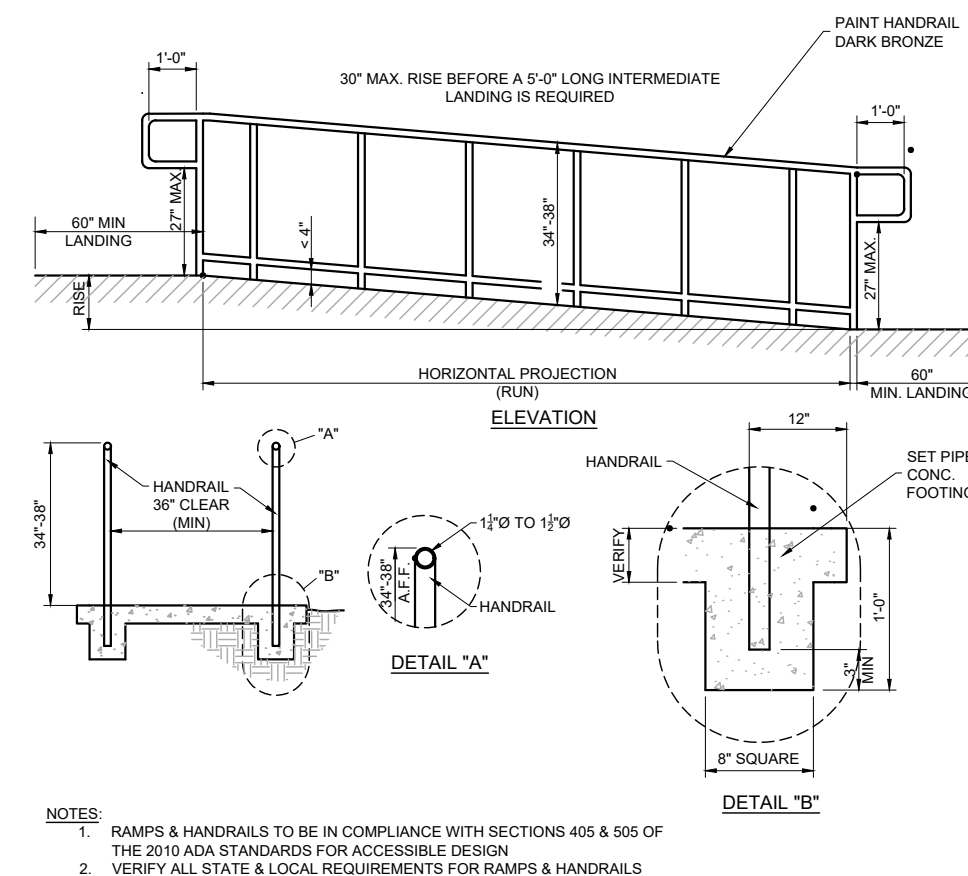
12 TYPICAL SECTION @ BASINS
C9.2 NOT TO SCALE



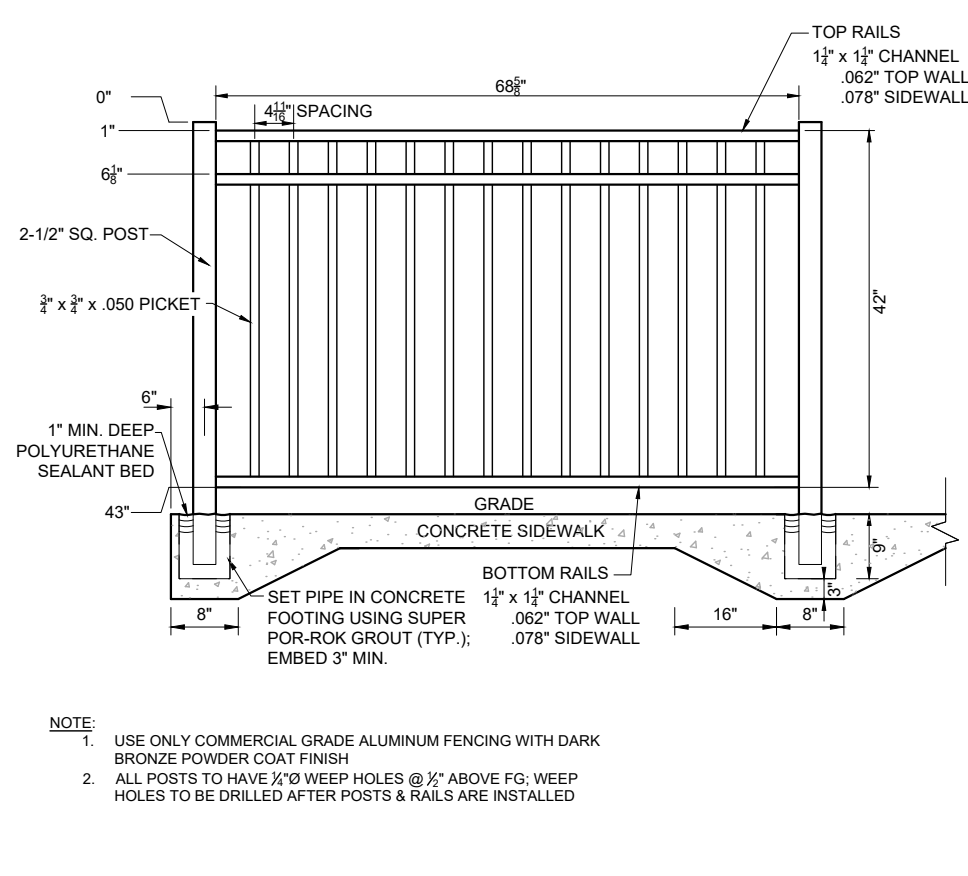
11 CLEAN-OUT OUTSIDE OF BUILDING
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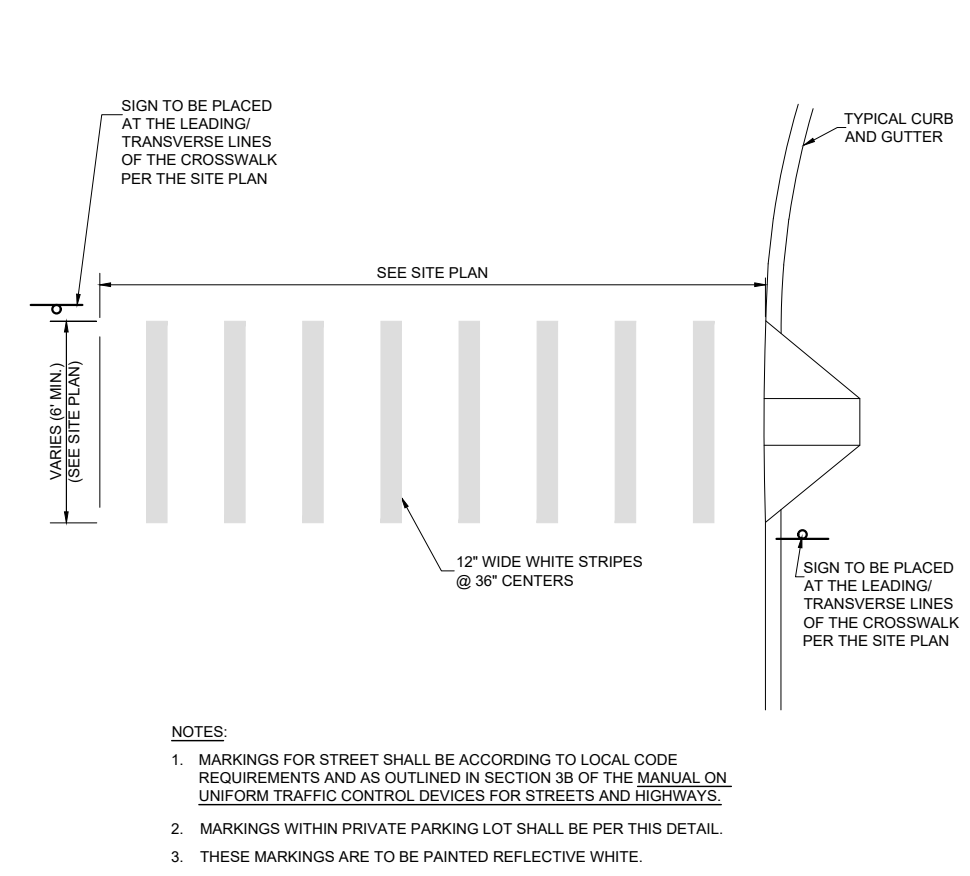
10 BUILDING DOWNSPOUT CONNECTION
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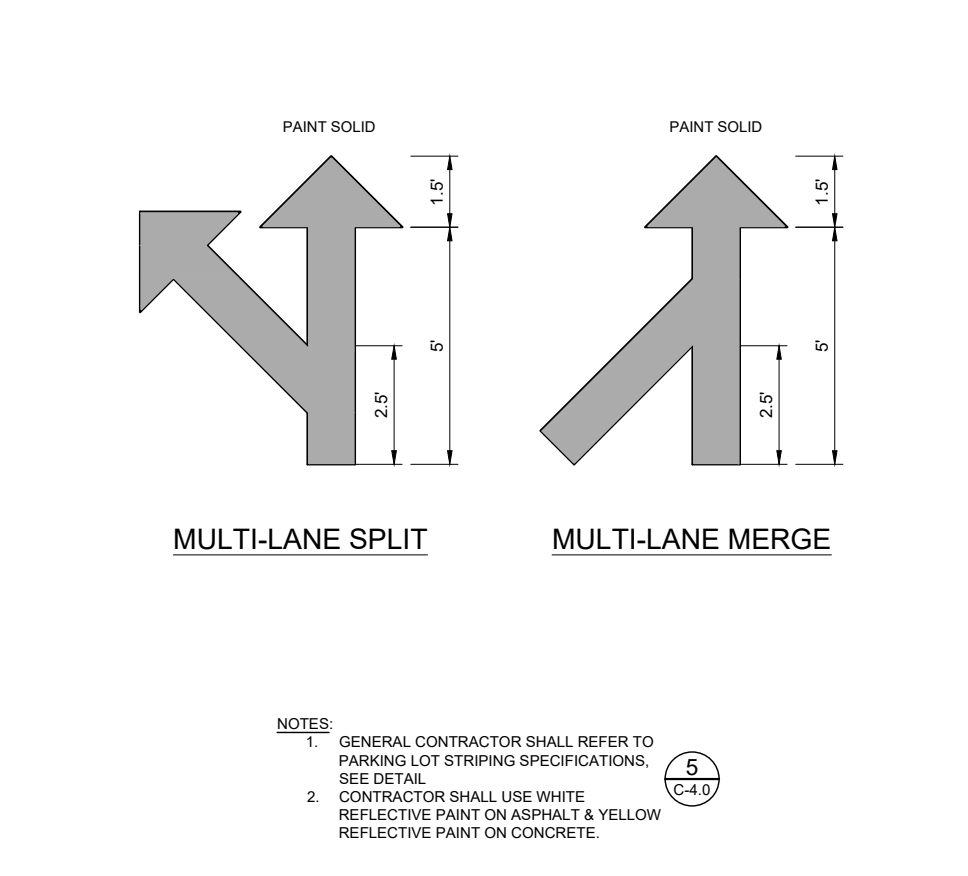
9 TYPICAL ADA RAMP & HANDRAIL
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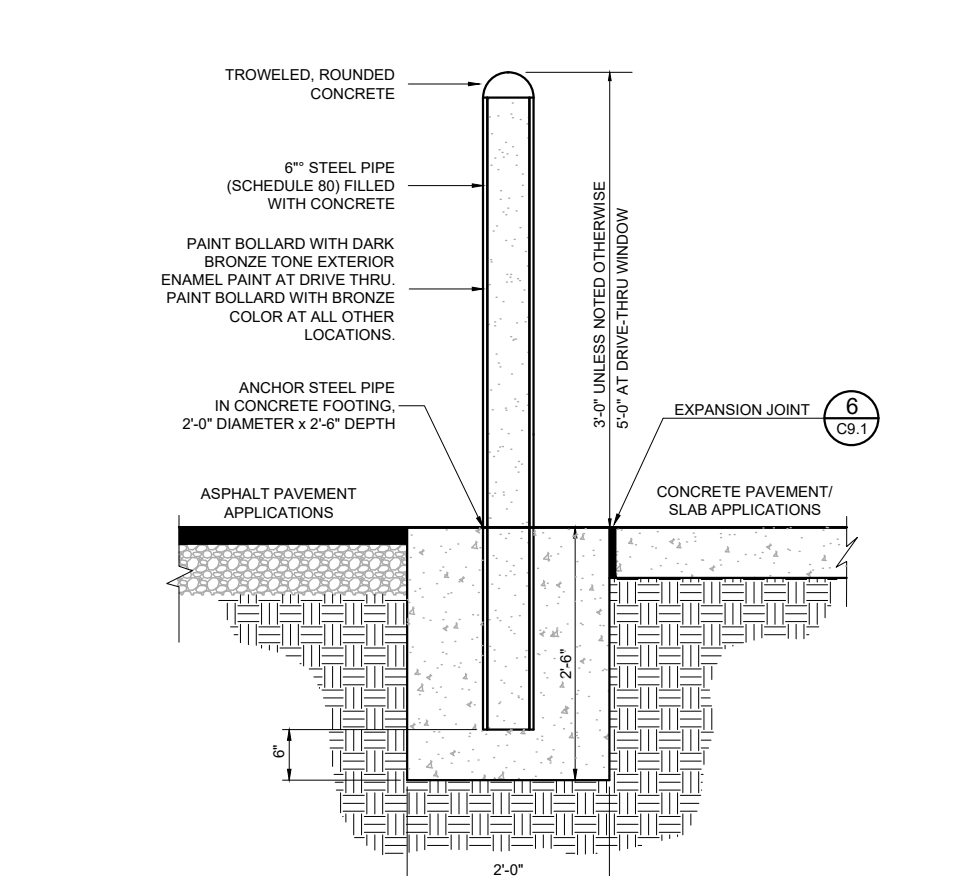
8 ALUMINUM HANDRAIL
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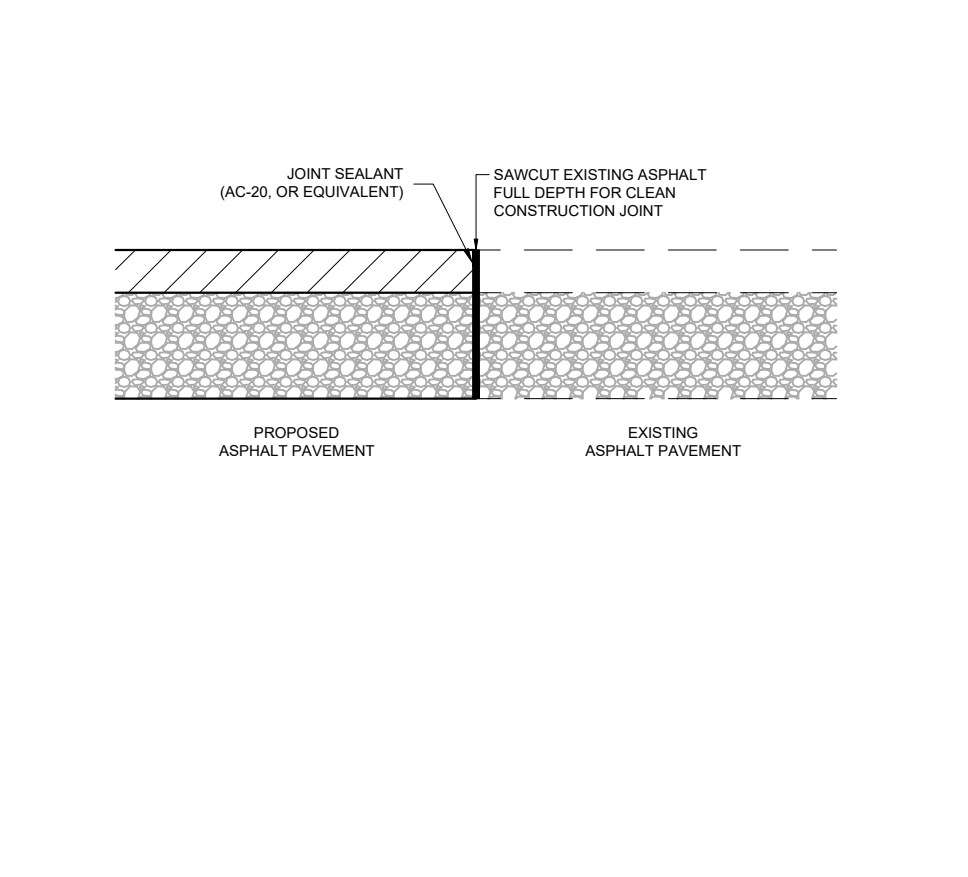
7 CROSSWALK MARKINGS
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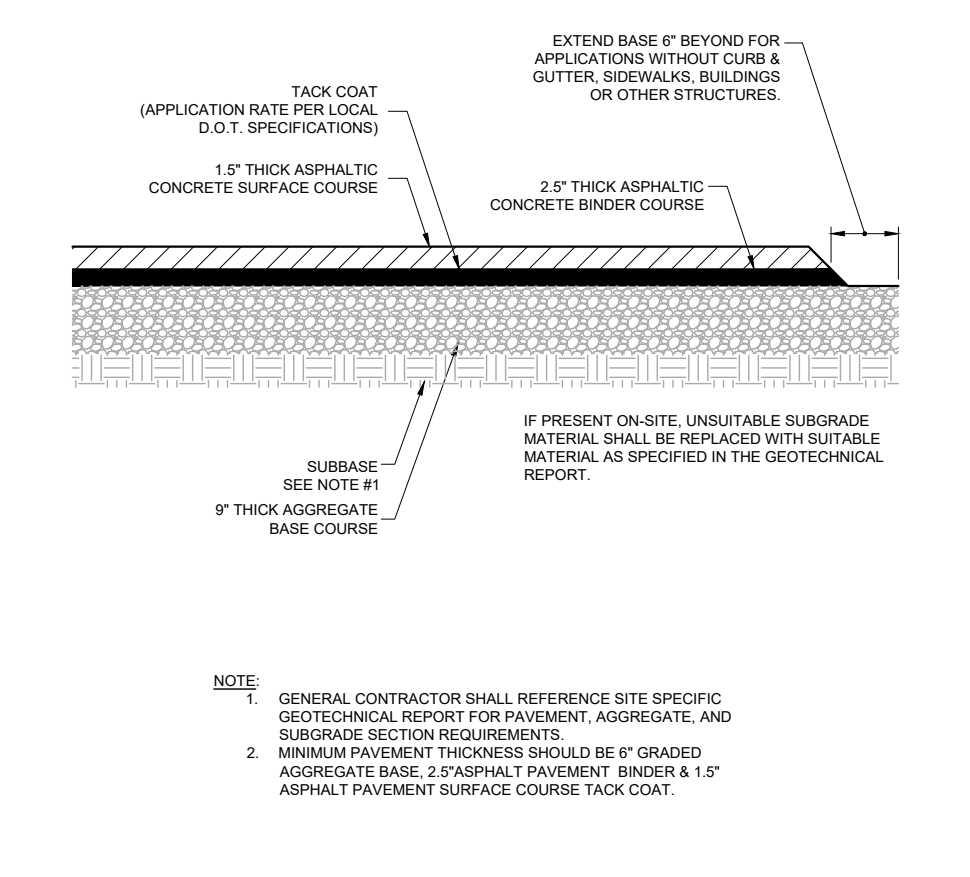
6 MULTI-LANE DIRECTIONAL GRAPHICS
C9.2 NOT TO SCALE



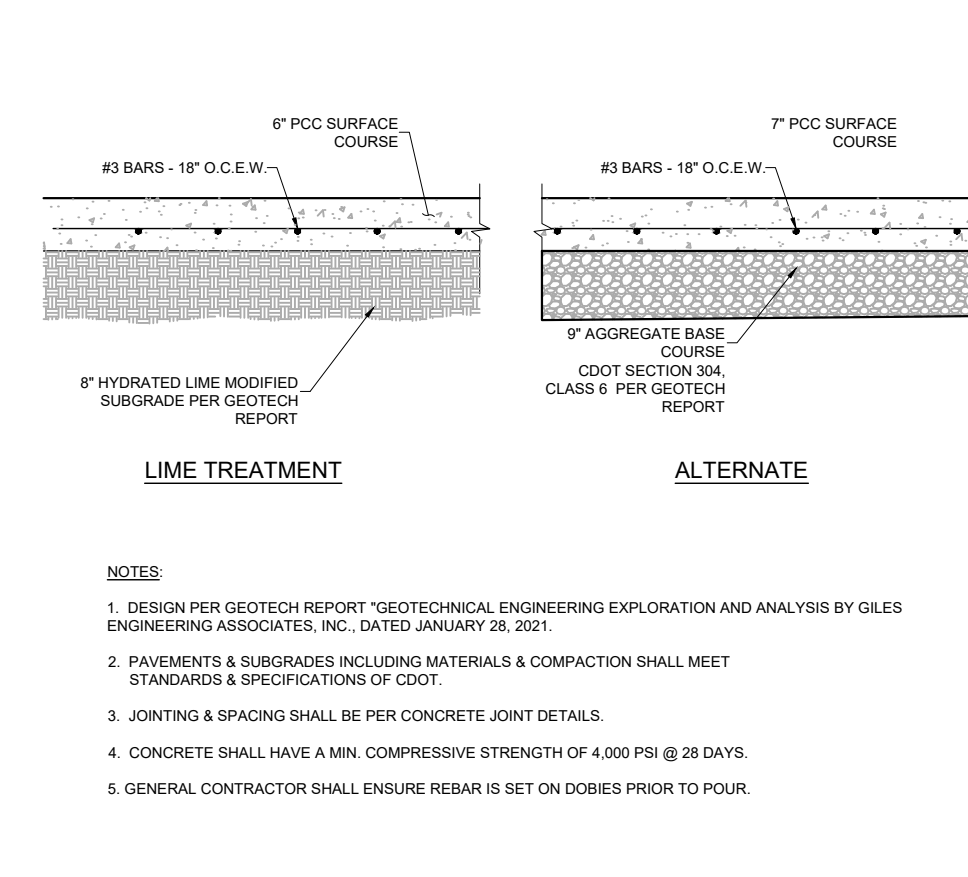
5 CONCRETE BOLLARD
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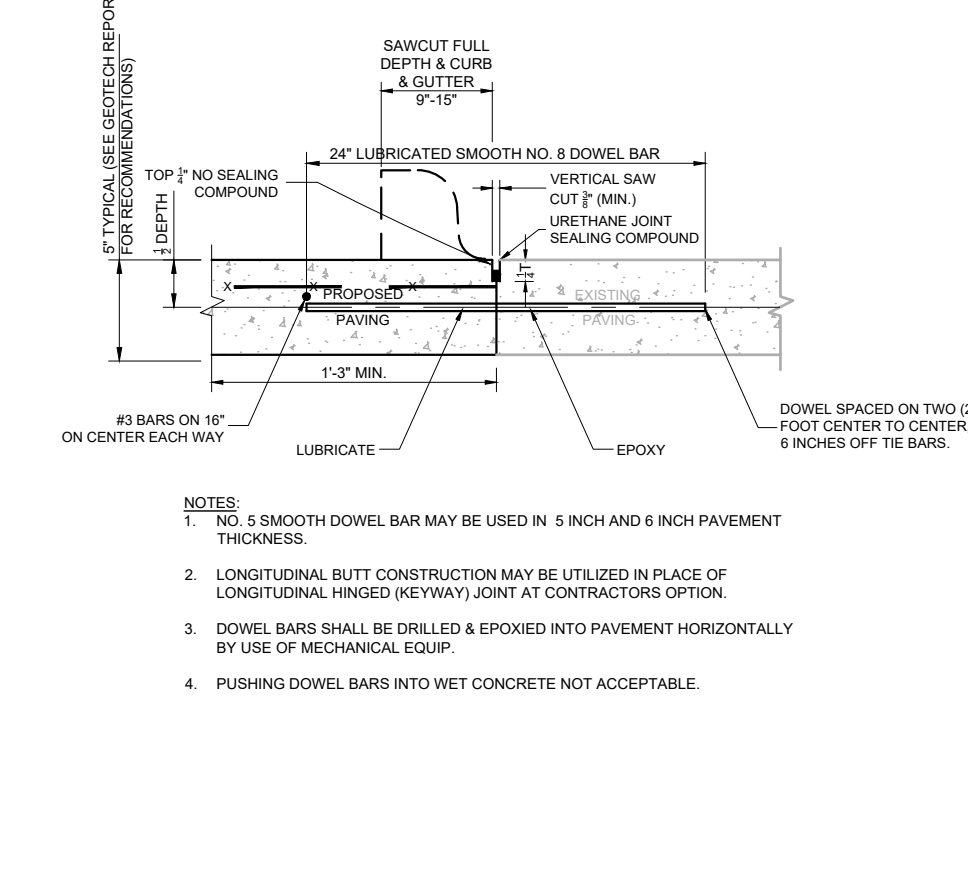
4 BUTT JOINT
C9.2 NOT TO SCALE



3 TYPICAL HMAc PAVEMENT SECTION
C9.2 NOT TO SCALE



2 CONCRETE PAVEMENT DRIVE-THRU LANE
C9.2 NOT TO SCALE



1 LONGITUDINAL BUTT JOINT
C9.2 NOT TO SCALE



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Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS
CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
PRINTED FOR FOR CONSTRUCTION
DATE 09/22/23
DRAWN BY KEA

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED
BY THE CITY OF LONE TREE FOR STREET AND
DRAINAGE IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK
C9.2

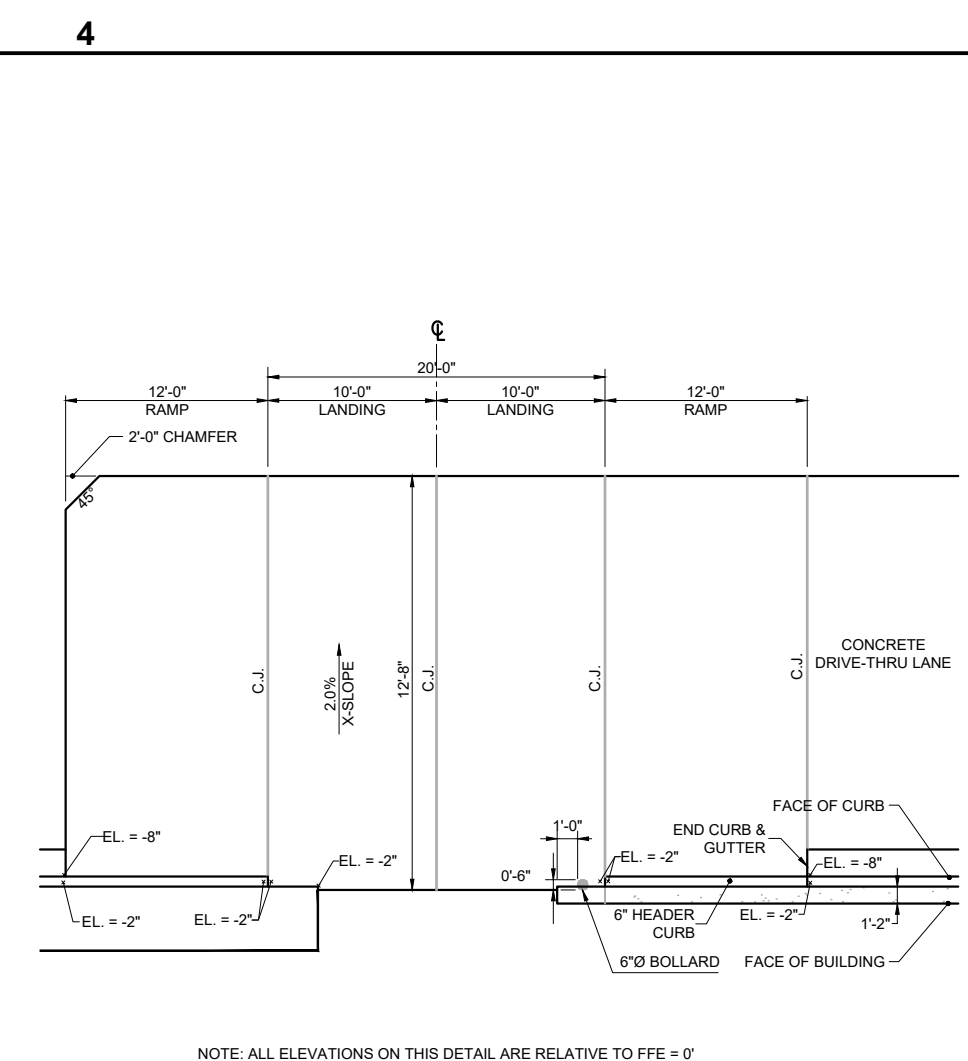
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CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

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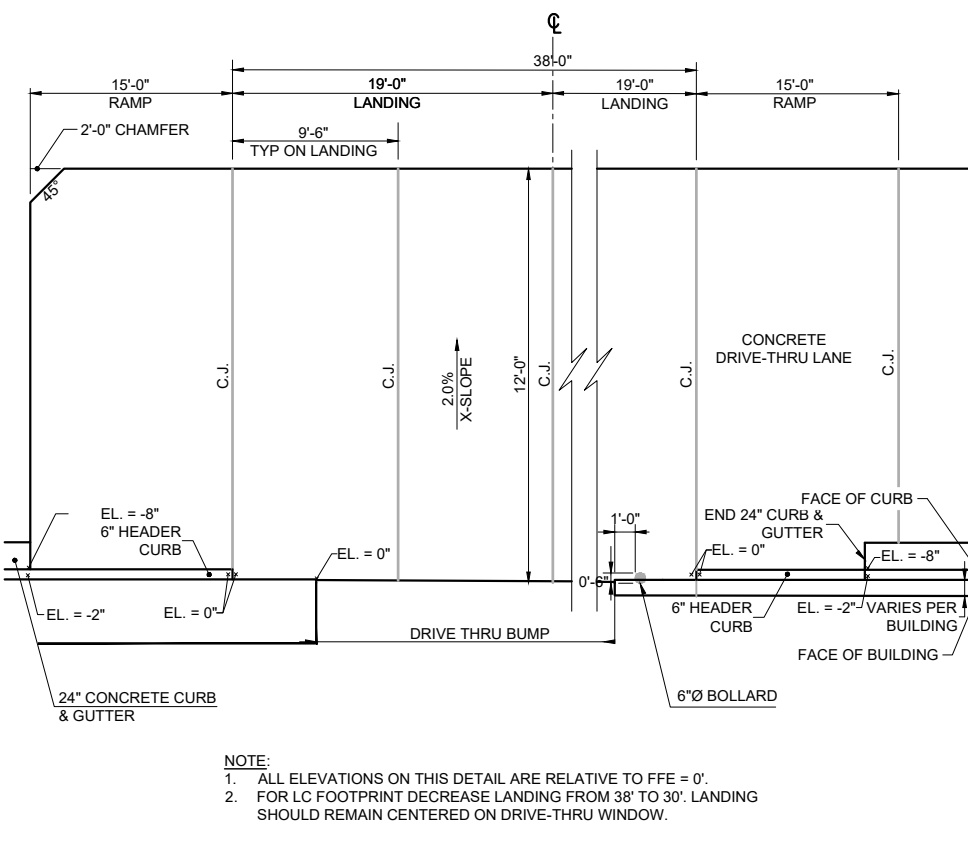




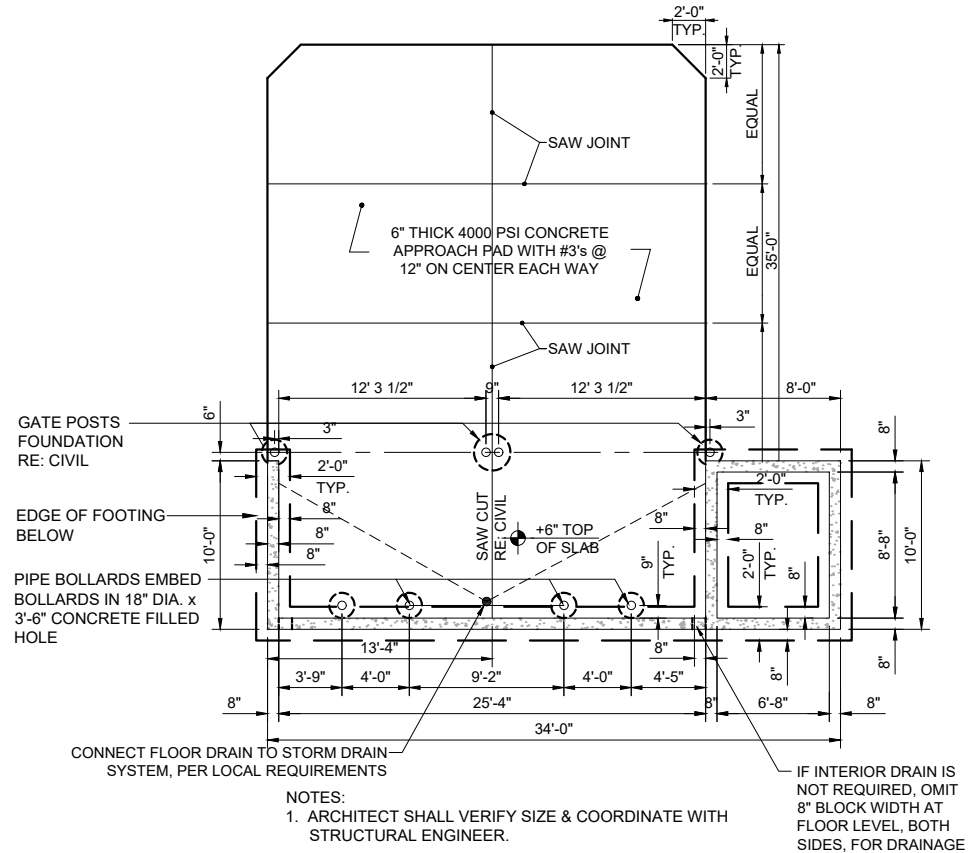
Know what's below.
Call before you dig.



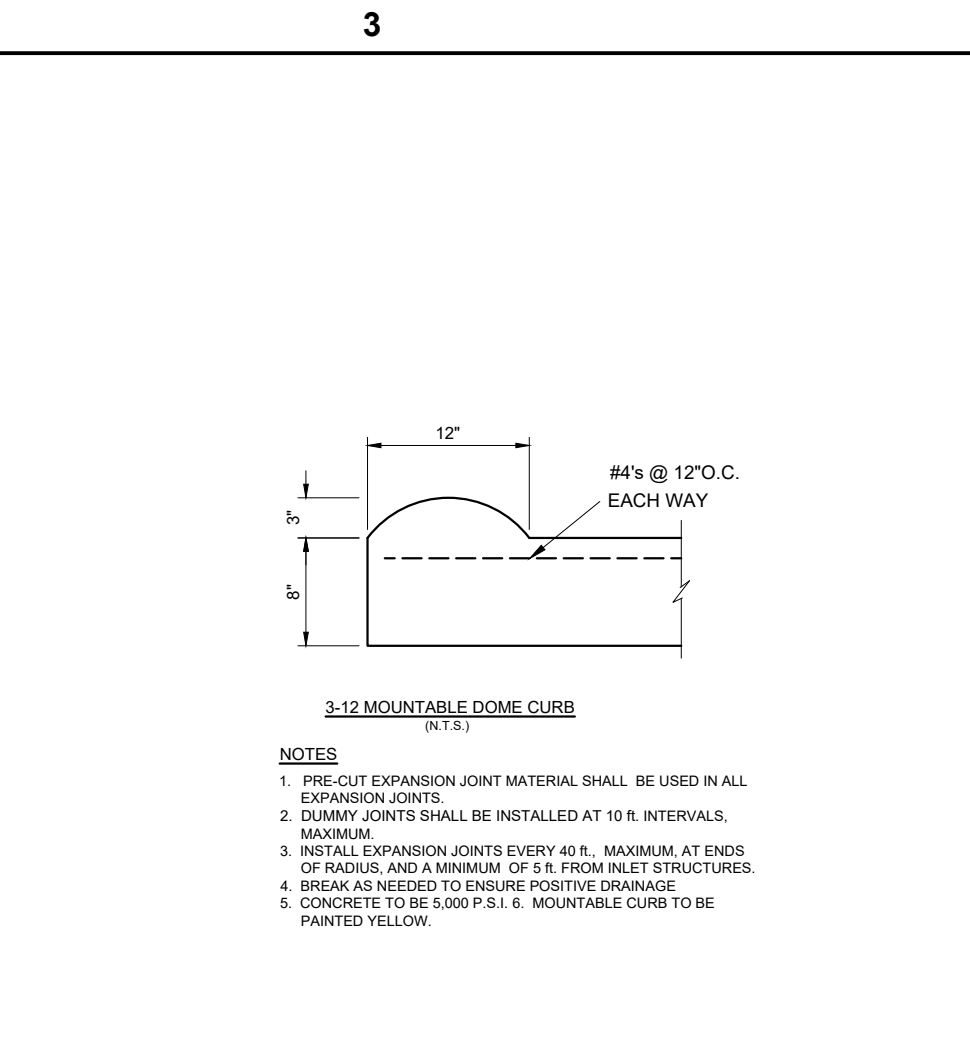
12 DRIVE-THRU PLAN - 2" BELOW FFE
C9.3 NOT TO SCALE



8 DRIVE-THRU PLAN - FLUSH WITH FFE
C9.3 NOT TO SCALE

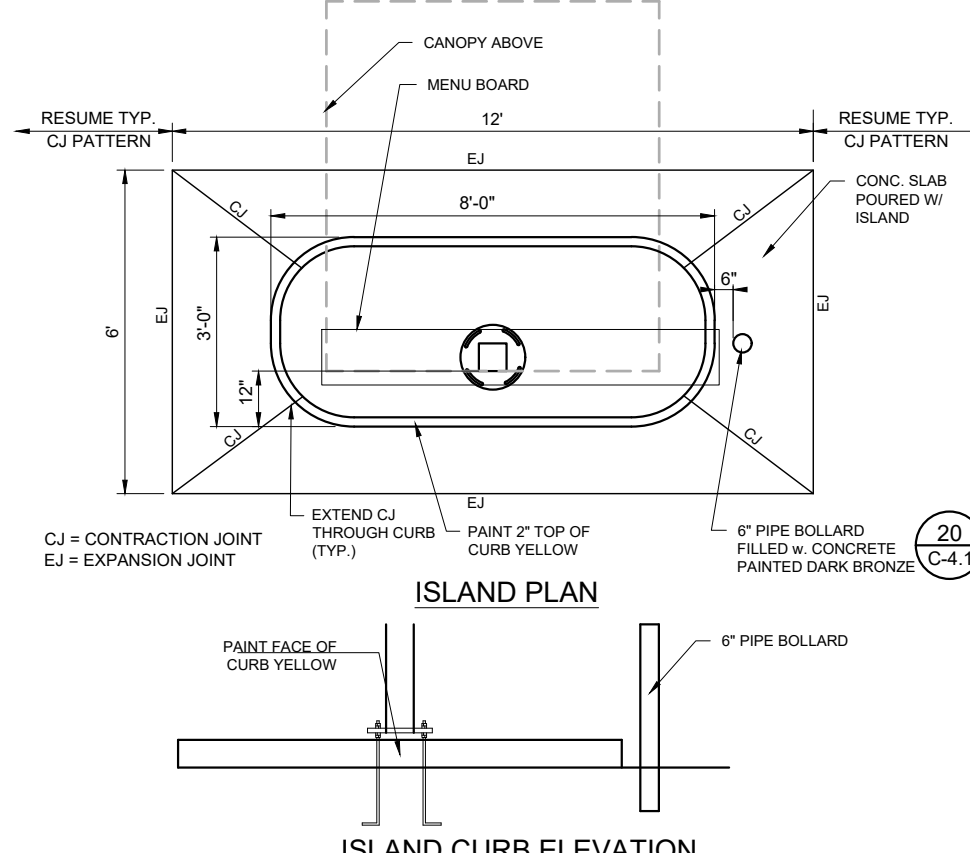


4 SCREENED REFUSE ENCLOSURE (DRAINAGE ALT.)
C9.3 NOT TO SCALE

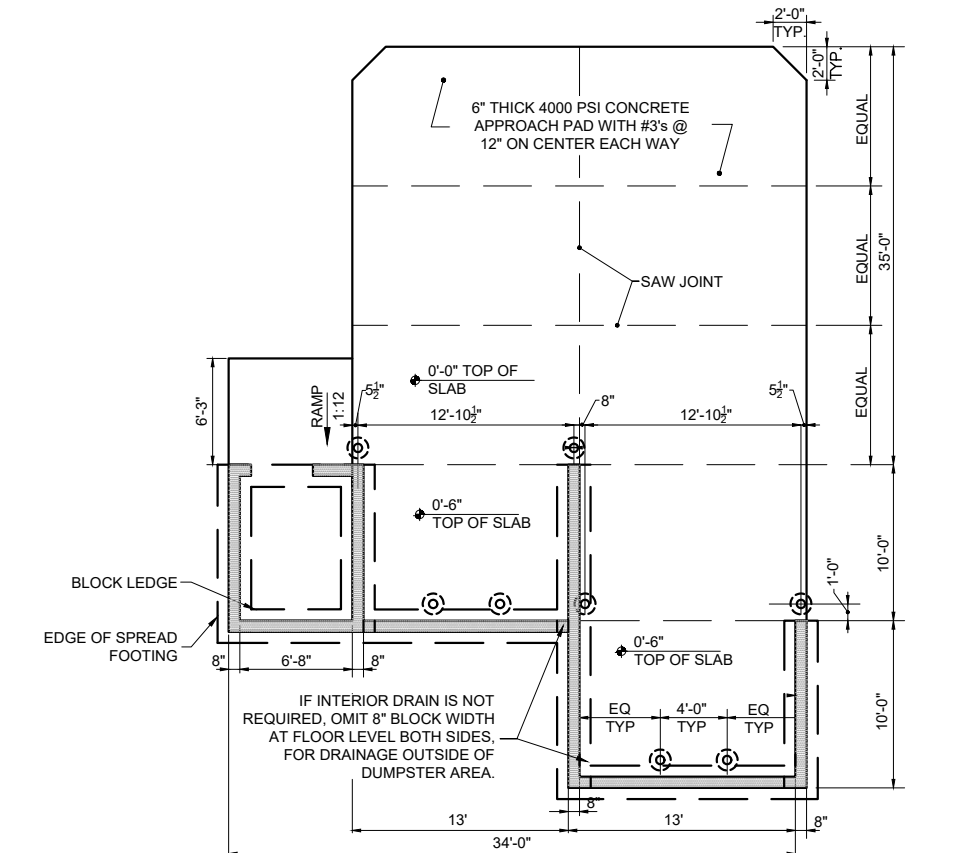


3-12 MOUNTABLE DOME CURB
NOTES:
1. PRE-CUT EXPANSION JOINT MATERIAL SHALL BE USED IN ALL EXPANSION JOINTS.
2. DUMMY JOINTS SHALL BE INSTALLED AT 10' INTERVALS, MAXIMUM.
3. INSTALL EXPANSION JOINTS EVERY 40' MAXIMUM AT ENDS OF PAVEMENT AND A MINIMUM OF 5' FROM INLET STRUCTURES.
4. BREAK AS NEEDED TO ENSURE POSITIVE DRAINAGE.
5. CONCRETE TO BE 4000 P.S.I. 6. MOUNTABLE CURB TO BE PAINTED YELLOW.

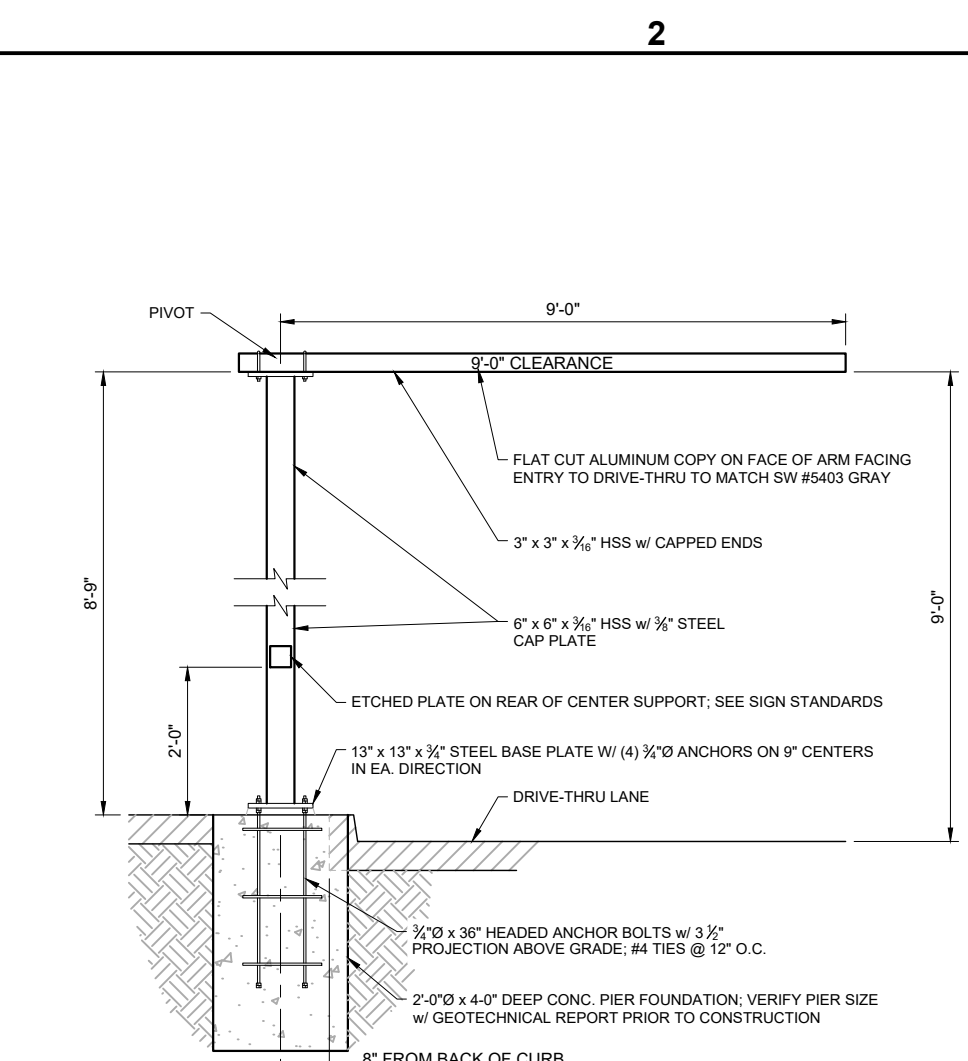
11 ROLLOVER / MOUNTABLE CURB
C9.3 NOT TO SCALE



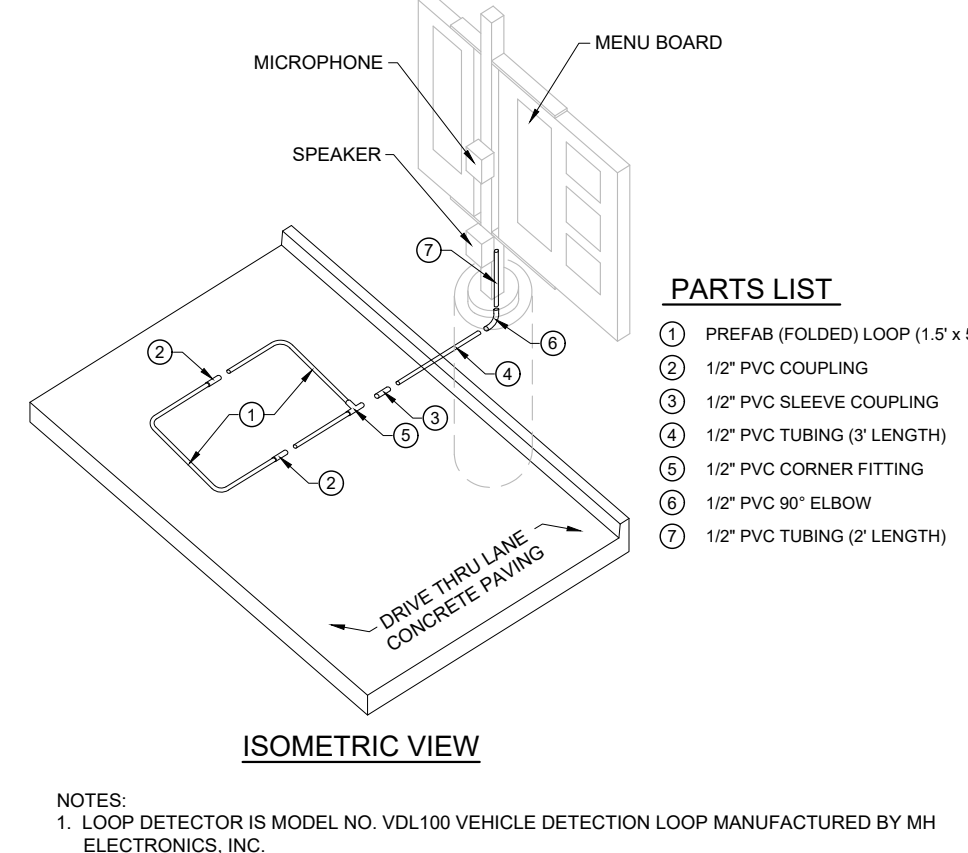
7 DRIVE-THRU ORDER POINT ISLAND
C9.3 NOT TO SCALE



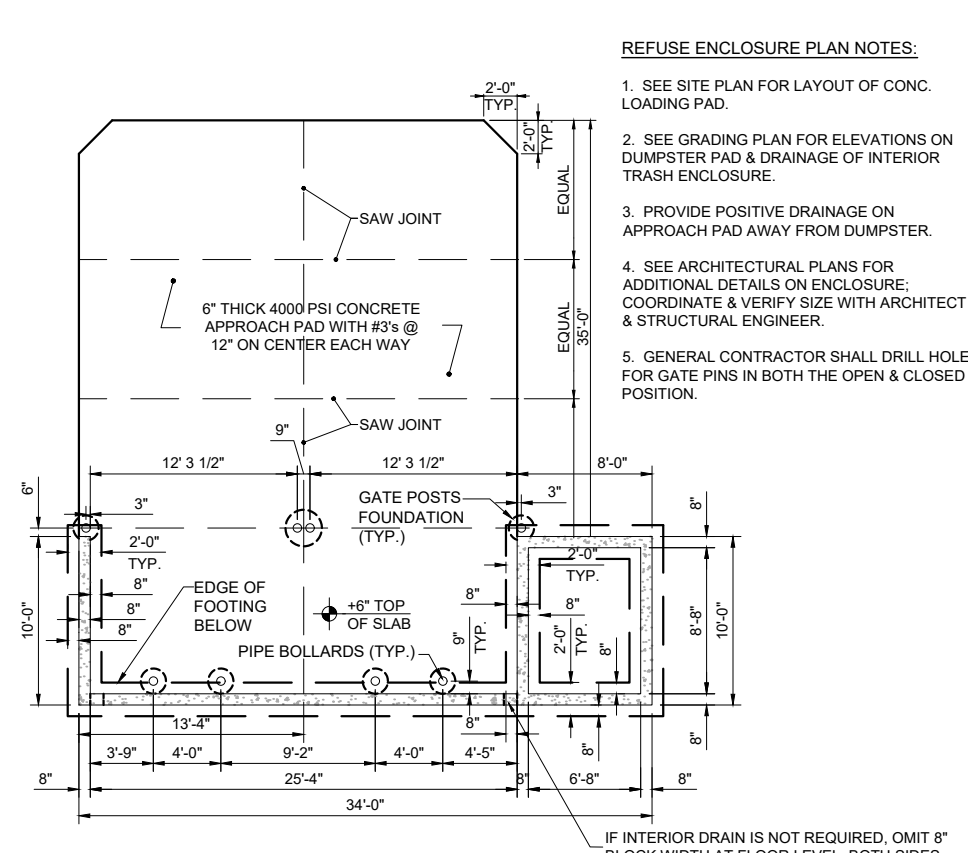
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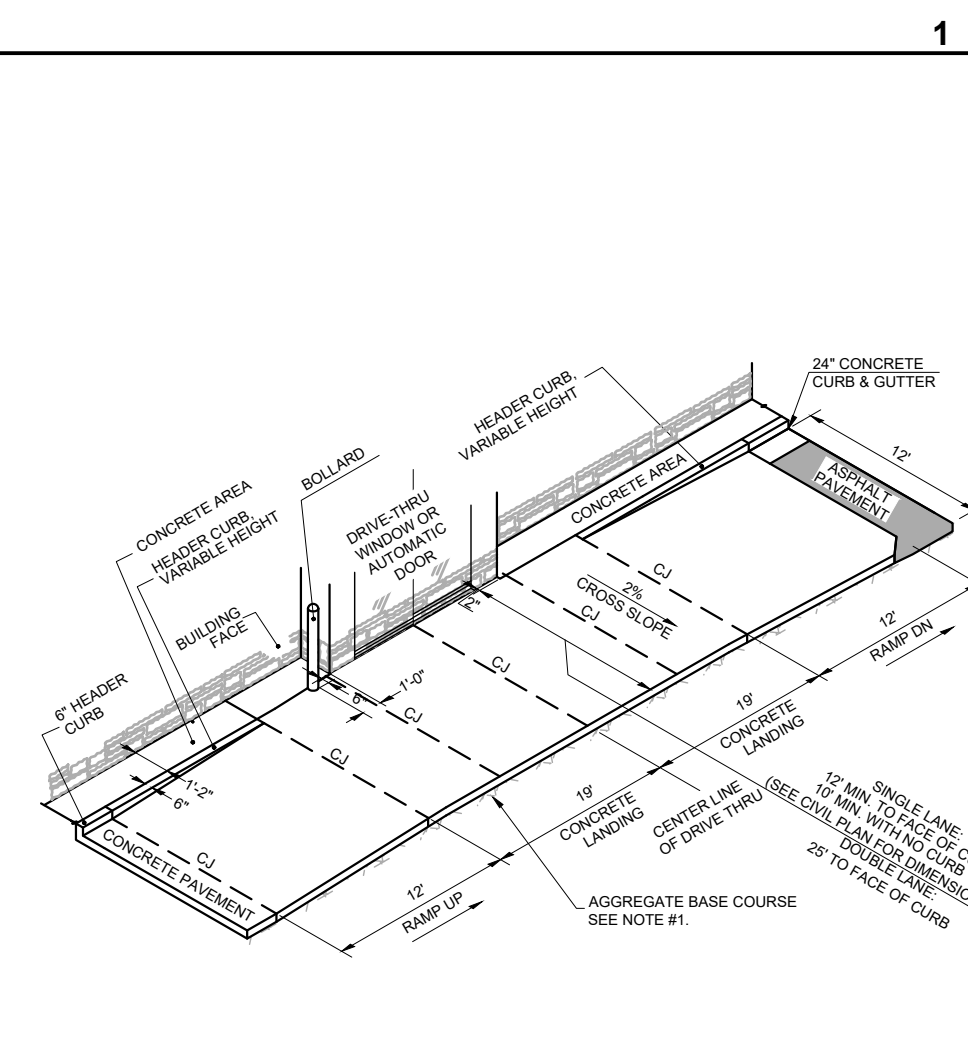
10 DRIVE-THRU CLEARANCE BAR
C9.3 NOT TO SCALE



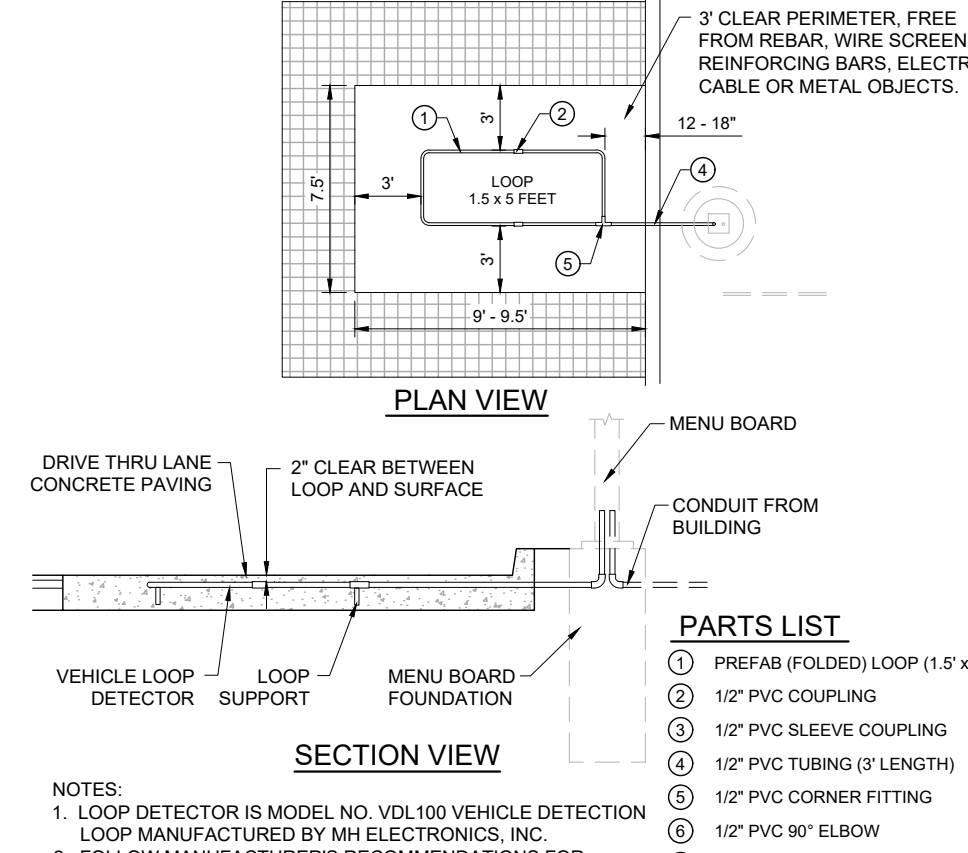
6 MENU BOARD LOOP DETECTION SYSTEM (ISO. VIEW)
C9.3 NOT TO SCALE



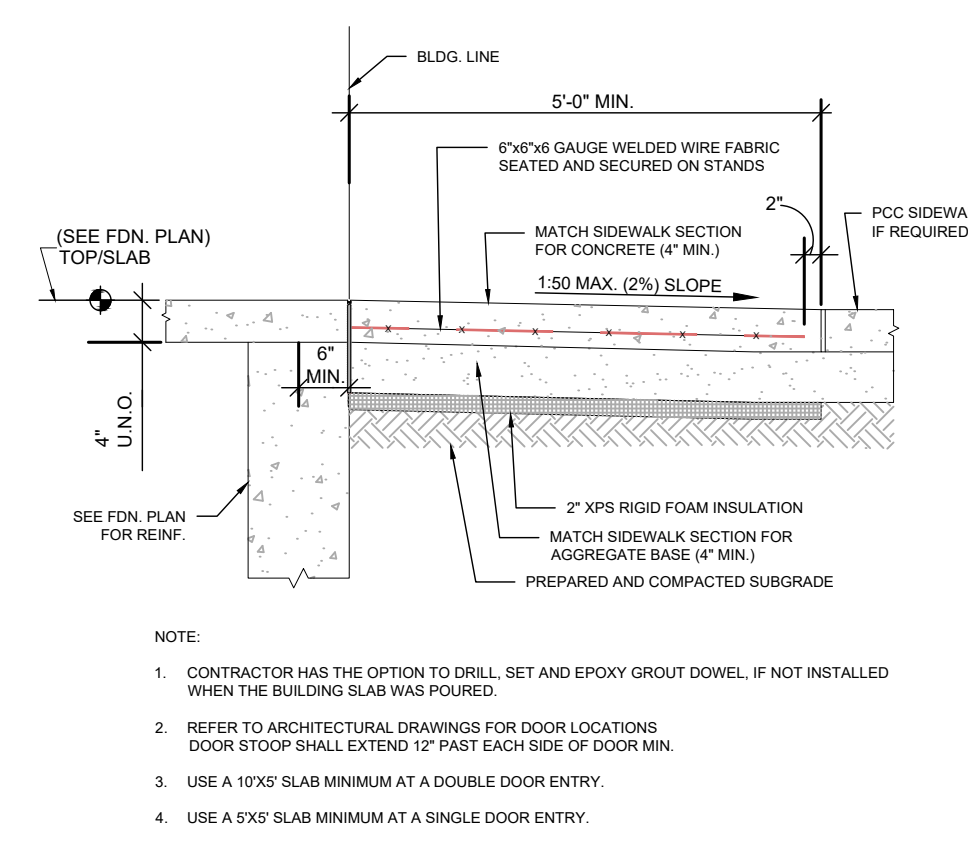
2 SCREENED REFUSE ENCLOSURE
C9.3 NOT TO SCALE



9 DRIVE-THRU ISOMETRIC
C9.3 NOT TO SCALE



5 MENU BOARD LOOP DETECTION SYSTEM
C9.3 NOT TO SCALE



1 ENTRY DOOR FROST SLAB DETAIL
C9.3 NOT TO SCALE



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GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

CONSTRUCTION DOCUMENTS
CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER A MENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR STREET AND DRAINAGE IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

GRADING, EROSION, AND SEDIMENT CONTROL PLANS FOR: CHICK-FIL-A HWY 470 & YOSEMITE

CITY OF LONE TREE GENERAL NOTES:

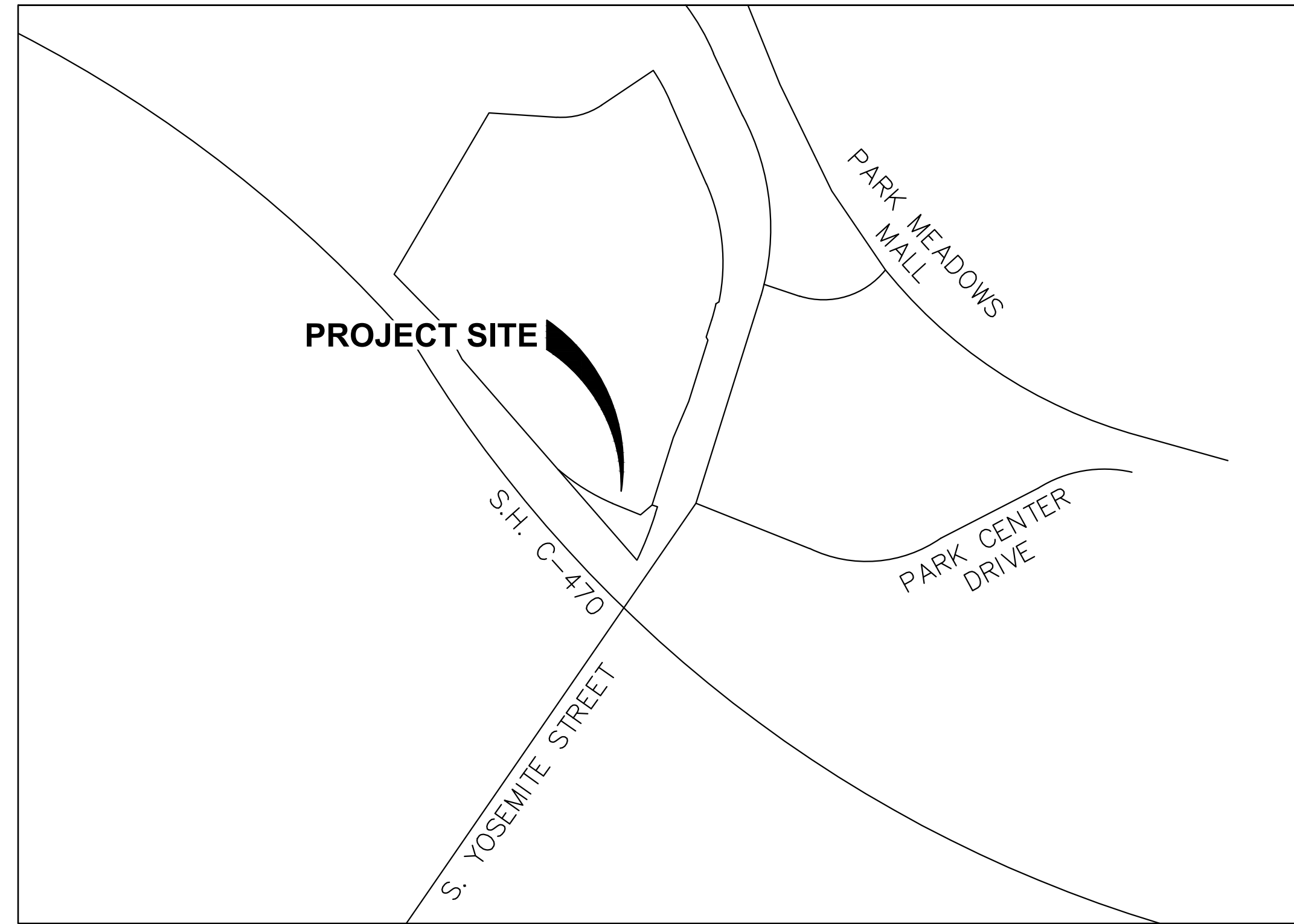
- THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE ENGINEERING DIVISION HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL CONFORMANCE WITH THE CITY OF LONE TREE SUBDIVISION RESOLUTION OR APPROVED VARIANCES TO THOSE REGULATIONS. THE CITY OF LONE TREE ENGINEER, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY, OTHER THAN STATED ABOVE, FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS. THE OWNER AND ENGINEER UNDERSTAND THAT THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE IS AFFIXED TO THIS DOCUMENT.
- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CURRENT DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS, INSPECTION SECTION, (303) 662-8112, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION, AND/OR BEFORE RESTARTING CONSTRUCTION AFTER A SHUTDOWN OF MORE THAN 10 DAYS.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT: UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT (800) 922-1987 OR 811.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY (SIGNED BY BOTH DESIGN ENGINEER AND CITY OF LONE TREE) OF THE CONSTRUCTION PLANS AND GESC REPORT AND PLAN, AND ONE (1) COPY OF THE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.
- ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES, STORM SEWER, OR OTHER PURPOSES ARE LISTED AND REFERENCED BELOW:
- A ROW/CONSTRUCTION PERMIT MUST BE OBTAINED BEFORE ANY WORK WITHIN EXISTING OR PROPOSED PUBLIC ROW. THE PERMIT APPLICATION MUST BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR REVIEW/PROCESSING A MINIMUM OF 7 DAYS PRIOR TO REQUESTED START FOR THE WORK IN THE ROW.
- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR ACCEPTANCE WITH THE PERMIT APPLICATION. AN EXCAVATION OR PUBLIC IMPROVEMENTS CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- THE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF CITY OF LONE TREE ACCEPTANCE/APPROVAL. IF APPLICABLE CONSTRUCTION PERMITS HAVE NOT BEEN OBTAINED, AND CONSTRUCTION STARTED WITHIN THAT TIME, THESE PLANS SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF LONE TREE.
- CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE ENGINEER INSPECTOR WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON ANY FACILITY WHICH WILL BE CONVEYED TO THE CITY, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE (STORM SEWER, ENERGY DISSIPATORS, DETENTION OUTLET STRUCTURES, OR OTHER DRAINAGE INFRASTRUCTURES); FAILURE TO NOTIFY ENGINEERING INSPECTOR TO ALLOW THEM TO INSPECT THE CONSTRUCTION MAY RESULT IN NON-ACCEPTANCE OF THE FACILITIES/INFRASTRUCTURE BY CITY AND/OR URBAN DRAINAGE.

GENERAL NOTES:

- BENCHMARK: ELEVATIONS ARE BASED UPON THE NGS BENCHMARK UNBEWJ2T, A BRASS DISK STAMPED "UNBEWJ2T 1992" AND SET IN THE NORTHWEST CORNER OF A 24'X16' ROCK OUTCROP, LOCATED 0.2 MILE SOUTHWEST ALONG A PAVED ROAD FROM EXIT 191 OFF INTERSTATE 25 AND 22.5' EAST OF CENTERLINE, 123' NORTH OF THE OUTLET OF A 3' CORRUGATED METAL CULVERT AND APPROXIMATELY 350' WEST OF THE WEST EDGE OF ASPHALT OF SOUTHBOUND INTERSTATE 25. ELEVATION = 6125.32 NAVD83 / DOUGLAS COUNTY DATUM.
- PROJECT COORDINATES ARE MODIFIED COLORADO STATE PLANE CENTRAL ZONE COORDINATES. THE COMBINED FACTOR USED TO MODIFY COORDINATES WAS XXXX.
- SANITARY FACILITIES SHALL BE PROVIDED AND MAINTAINED ON THE SITE AT ALL TIMES BY THE CONTRACTOR.
- THE APPROPRIATE AUTHORITIES SHALL BE CONTACTED FOR ALL NECESSARY INSPECTIONS WITH AT LEAST 48 HOURS ADVANCE NOTICE.
- DUST SHALL BE PROPERLY CONTROLLED BY THE CONTRACTOR AT ALL TIMES.
- THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR UNDERGROUND UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND PROTECTING THEM DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY INCLUDING BUT NOT LIMITED TO SAFETY DURING TRENCH EXCAVATION AND SHORING, TRAFFIC CONTROL, AND SECURITY.
- THE CONTRACTOR MUST SECURE ALL REQUIRED PERMITS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACT DOCUMENTS AND SPECIFICATIONS THAT ARE SPECIFIC TO THIS PROJECT SHALL CONTROL ALL WORK EXCEPT WHEN STANDARDS AND SPECIFICATIONS OF DOUGLAS COUNTY CONFLICT OR OVERRIDE.

LOT 1A-2, BLOCK 1 PARKWAY SUBDIVISION FILING NO. 3, 4TH AMENDMENT LOCATED IN THE WEST HALF OF SECTION 3 TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF LONE TREE, COUNTY OF DOUGLAS, STATE OF COLORADO.

1.33 ACRES



VICINITY MAP
NTS

THE GRADING, EROSION AND SEDIMENT CONTROL PLAN INCLUDED HEREIN HAS BEEN PLACED IN THE CITY OF LONE TREE FILE FOR THIS PROJECT AND APPEARS TO FULFILL APPLICABLE LONE TREE GRADING, EROSION AND SEDIMENT CONTROL CRITERIA, AS AMENDED. ADDITIONAL GRADING, EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED OF THE PERMITTEES, DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS PLAN SHALL RUN WITH THE LAND AND BE THE OBLIGATION OF THE PERMITTEES, UNTIL SUCH TIME AS THE PLAN IS PROPERLY COMPLETED, MODIFIED OR VOIDED.

THE GRADING, EROSION AND SEDIMENT CONTROL PLAN INCLUDED HEREIN HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE REQUIREMENTS OF THE GRADING, EROSION AND SEDIMENT CONTROL (GESC) CRITERIA MANUAL OF DOUGLAS COUNTY AS AMENDED.

GESC PLANS PREPARED BY:

MERRICK & COMPANY	DATE	P.E. NUMBER
PROJECT CONTACTS		
SANITARY SEWER SOUTHGATE WATER AND SANITATION 3722 EAST ORCHARD ROAD CENTENNIAL, CO 80121 CONTACT: DAVID KAHLICH PHONE: 432-770-4997 EMAIL: REVIEWS@SOUTHGATEDISTRICTS.ORG		
WATER SOUTHGATE WATER AND SANITATION 3722 EAST ORCHARD ROAD CENTENNIAL, CO 80121 CONTACT: DAVID KAHLICH PHONE: 432-770-4997 EMAIL: REVIEWS@SOUTHGATEDISTRICTS.ORG		
STORM DRAINAGE CITY OF LONE TREE PUBLIC WORKS 9220 KIMMER DR, SUITE 100 LONE TREE, CO 80124 CONTACT: JANET HERMAN PHONE: 303-708-1818 EMAIL: ENGINEERING@DOUGLAS.CO.US		
ELECTRIC XCEL ENERGY 2655 NORTH 63RD STREET BOULDER, CO 80301 CONTACT: JOHN SEADLER PHONE: 720-610-2509 EMAIL: JOHN.SEADLER@XCELENERGY.COM		
TELEPHONE / CABLE / FIBER LUMEN (PREVIOUSLY CENTURY LINK) CONTACT: TRAVIS YOUNG PHONE: 303-263-1725 EMAIL: TRAVIS.YOUNG@LUMEN.COM TELECOM CONTACT: MIKE PISARIK EMAIL: MPISARIK@GILESENGR.COM		
DEVELOPER CHICK-FIL-A, INC. 5200 BUFFINGTON ROAD ATLANTA, GA 30349-2732 CONTACT: MR. STEVE SCHWARTZ PHONE: (303) 519-7206 EMAIL: STEVE.SCHWARTZ@CFACORP.COM		
CIVIL ENGINEER MERRICK & COMPANY 5970 GREENWOOD PLAZA BLVD. GREENWOOD VILLAGE, CO 80111 CONTACT: MR. KELLAN BLACK PHONE: (303) 353-3590 EMAIL: KELLAN.BLACK@MERRICK.COM		

BASIS OF BEARING:

BEARINGS ARE BASED UPON THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS BEARING N02°13'40"W A DISTANCE OF 2699.17 FEET BETWEEN THE WEST QUARTER CORNER OF SAID SECTION 3, BEING A FOUND # 6 REBAR WITH A 3-1/4" ALUMINUM CAP, FLUSH WITH THE SURFACE, STAMPED RLS 16401 AND THE SOUTHWEST CORNER OF SAID SECTION 3 BEING A FOUND 3-1/4" ALUMINUM CAP, IN RANGE BOX DOWN 0.5' BELOW THE SURFACE, STAMPED LS 26298.

ORIGIN BENCHMARK:

PROJECT BENCHMARK IS RIDGEGATE BM 1 A 3.25" DIAMETER BRASS CAP SET ON THE NORTHWEST BRIDGE ABUTMENT OF RIDGEGATE PARKWAY STAMPED "RIDGEGATE BM 1 2021" AND IS APPROXIMATELY 0.7 MILES EAST ON RIDGEGATE PARKWAY FROM THE INTERSECTION OF I-25 AND RIDGEGATE PARKWAY IN LONE TREE, COLORADO. THE BENCHMARK IS 1.0 FEET FROM THE WEST EDGE OF THE ABUTMENT, 3.0 FEET NORTH OF THE BACK OF WALK AND 31 FEET NORTH OF THE WEST BOUND CENTERLINE OF RIDGEGATE PARKWAY. ELEVATION IS 5983.40 U.S. SURVEY FEET, NAVD 88 DOUGLAS COUNTY DATUM.

Local Control Grid Coordinates:
Point #601 N=1629556.03 E=3174717.09 ELEV=5825.14 Set 2" Alum Cap Stamped "Merrick & CO 601"
Point #602 N=1629607.89 E=3174208.72 ELEV=5823.87 Set 2" Alum Cap Stamped "Merrick & CO 602"
STATE PLANE, NAD83, COLORADO CENTRAL
COMBINED FACTOR 0.99967418745

LEGAL DESCRIPTION:

LOT 1A-2, BLOCK 2, PARKWAY SUBDIVISION FILING NO. 3 - 4TH AMENDMENT LOCATED IN THE WEST HALF OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 67 WEST OF THE SIXTH PRINCIPAL MERIDIAN CITY OF LONE TREE, COUNTY OF DOUGLAS, STATE OF COLORADO 1.33 ACRES, 2 LOTS SP23-0008 (SITE IMPROVEMENT PLAN)

LEGEND:

	PROPERTY LINE
	WATER METER
	IRRIGATION METER
	GREASE INTERCEPTOR
	SINGLE CLEANOUT
	TWO-WAY CLEANOUT
	TRANSFORMER
	STORM INLET
	STORM MANHOLE
	LIGHT POLE
	PROPOSED TRAFFIC SIGN
	PAVEMENT STRIPING
	PARKING COUNT
	ELECTRIC SERVICE
	STORM SWALE
	STORM SEWER
	SEWER LINE
	GAS LINE
	FIRE LINE
	WATER LINE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EX STORM MANHOLE
	EX SANITARY MANHOLE
	EX STORM INLET
	EX LIGHT POLE
	EX ELECTRIC SERVICE
	EX GAS SERVICE
	EX WATER LINE
	EX STORM SEWER
	EX SANITARY SEWER
	EX TELEPHONE SERVICE
	EX FIRE HYDRANT
	EX TRAFFIC SIGN
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	EX TREE
	EX IRRIGATION VALVE
	EX WATER VALVE
	EX ELECTRIC BOX
	CONCRETE PAVEMENT
	ACCESSIBLE PATH

Sheet List Table		
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01	COVER	C10.0
02	GENERAL NOTES	C10.1
03	INITIAL GESC PLAN	C10.2
04	INTERIM GESC PLAN	C10.3
05	FINAL GESC PLAN	C10.4
06	GESC DETAIL 1	C10.5
07	GESC DETAIL 2	C10.6
08	GESC DETAIL 3	C10.7



Chick-fil-A

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

GRADING, EROSION, AND SEDIMENT CONTROL PLANS

CHICK-FIL-A

HWY 470 & YOSEMITE

NWC OF HWY 470 & YOSEMITE

LONE TREE, CO 80124

LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
PRINTED FOR REVIEW
DATE 08/18/23
DRAWN BY KEA
SHEET COVER
SHEET NUMBER C10.0

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GENERAL CONSTRUCTION NOTES

- ALL CONTRACTOR AND SUBCONTRACTORS SHALL HAVE A SET OF APPROVED CONSTRUCTION DOCUMENTS. THE APPROPRIATE EDITION OF THE GOVERNING JURISDICTION DESIGN AND CONSTRUCTION STANDARDS, THE STORM WATER MANAGEMENT PLAN, AND ALL REQUIRED PERMITS ON SITE AT ALL TIMES.
- ALL (SANITARY SEWER, STORM SEWER, UNDERDRAIN, WATER LINE, OR STREET) CONSTRUCTION SHALL CONFORM TO THE APPROPRIATE EDITION OF THE GOVERNING JURISDICTION STANDARDS AND SPECIFICATIONS.
- THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO VARIOUS FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES, AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
- MERRICK & COMPANY IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY PRECAUTIONS, OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. MERRICK WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL CALL THE NATIONWIDE UTILITY CONTACT NUMBER (811) OR LOCAL UTILITY LOCATE SERVICE, TO REQUEST LOCATES OF ALL UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY LAND DISTURBING ACTIVITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES, INCLUDING DEPTH. UTILITY LOCATIONS ARE APPROXIMATE ONLY AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES. THE UTILITIES SHOWN ON THE PLANS ARE FROM THE BEST AVAILABLE INFORMATION AND MAY NOT INCLUDE ALL UTILITIES THAT EXIST ON THE PROJECT SITE. THE CONTRACTOR SHALL PARTICIPATE IN THE RESOLUTION OF ANY CONFLICTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY SITE CONDITIONS, EXISTING TOPOGRAPHIC DATA, AND LOCATIONS OF ALL UTILITIES PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES ON THE PROJECT SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE PROJECT PLANS, SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COST TO THE OWNER. NOTIFY ENGINEER AND OWNER OF ANY DISCREPANCIES FOUND PRIOR TO INITIATING ANY WORK.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY TO COMPLETE THE WORK AND SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. A COPY OF ALL PERMITS SHALL BE MAINTAINED ON-SITE AT ALL TIMES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT LISTED BELOW:
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF ALL PERSONNEL AND EQUIPMENT ON THE PROJECT SITE AT ALL TIMES, AND IS NOT LIMITED TO NORMAL WORKING HOURS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH REGULATIONS.
- TRAFFIC CONTROL STANDARDS FOR THIS PROJECT SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. A TRAFFIC CONTROL PLAN APPROVED BY OWNER FOR ON-SITE ACTIVITY AND/OR THE LOCAL ENTITY EXERCISING JURISDICTION OVER PUBLIC RIGHTS OF WAY SHALL BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THERE SHALL BE NO WORK PERFORMED ON WEEKENDS OR HOLIDAYS, UNLESS ACCEPTED AND APPROVED IN WRITING AND IN ADVANCE BY THE OWNER, ENGINEER, AND LOCAL JURISDICTION.
- ALL WASTE MATERIALS SHALL BE PROPERLY DISPOSED OF IN AN APPROVED LANDFILL PERMITTED TO ACCEPT THAT PARTICULAR TYPE OF WASTE.
- DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE MAY CAUSE THE WORK TO BE DEEMED UNACCEPTABLE.
- INSTALL INITIAL SEDIMENTATION AND EROSION CONTROL MEASURES PRIOR TO INITIATING ANY WORK ON THE PROJECT SITE. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL FINAL STABILIZATION AND REVEGETATION IS APPROVED BY THE COUNTY AND/OR CITY.
- THE PROJECT PLANS AND SPECIFICATIONS ARE INTENDED TO PROVIDE THE COMPLETED PROJECT IN A COMPLETE AND OPERABLE CONDITION. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND PROVIDE ALL LABOR NECESSARY TO COMPLETE THE PROJECT IN A NEAT AND WORKMANLIKE MANNER, INCLUDING ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK, WITHOUT ADDITIONAL COST TO THE OWNER.
- NOTIFY INSPECTORS OF ALL WORK ACTIVITY AT LEAST 24 HOURS IN ADVANCE.
- ANY INSPECTION BY THE GOVERNING AGENCY OR THE ENGINEER, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- ANY DISRUPTION IN UTILITIES SHALL BE COORDINATED AT LEAST 24 HOURS IN ADVANCE WITH THE UTILITY OWNER, PROJECT OWNER, EMERGENCY PROVIDERS, ALL IMPACTED LOCAL RESIDENTS, AND IMPACTED BUSINESS OWNERS. METHOD OF NOTIFICATION SHALL BE SUBJECT TO APPROVAL OF THE PROJECT OWNER AND AFFECTED UTILITY OWNER.
- MAINTAIN EMERGENCY VEHICLE ACCESS TO AND THROUGH THE PROJECT SITE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF EXISTING UTILITIES AND SURFACE CONDITIONS DISTURBED BY CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE OWNER, PROPERTY OWNER, AFFECTED UTILITY, OR LOCAL JURISDICTION. ALL SURFACE AND UTILITY RESTORATION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. ALL SURFACE RESTORATION SHALL BE REPLACED WITH LIKE KIND, SIZE, AND TYPE OF IMPROVEMENT THAT EXISTED PRIOR TO INITIATING CONSTRUCTION.
- THE PROJECT PLANS AND SPECIFICATIONS AS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, FOR AND ON BEHALF OF MERRICK AND COMPANY, REPRESENT THE FINAL CONSTRUCTION DOCUMENTS FOR THIS PROJECT. THE USE OF ANY ELECTRONIC OR OTHER MEDIA PURPORTING TO REPRESENT THE FINAL CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL NOT BE RELIED UPON AS FINAL CONSTRUCTION DOCUMENTS. SHOULD THERE BE A CONFLICT BETWEEN SEALED DRAWINGS AND ELECTRONIC OR OTHER MEDIA FILES, THE SEALED DRAWINGS SHALL GOVERN. EACH USER OF ANY ELECTRONIC OR OTHER MEDIA WAIVES AND RELEASES MERRICK FROM ALL ACTIONS, CLAIMS, DAMAGES, ACTIONS, OBLIGATIONS, AND LIABILITIES OF ANY KIND OR NATURE WITH RESPECT TO THE ELECTRONIC OR OTHER MEDIA FILES.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY NOTIFYING THE ENGINEER OF ANY PROBLEMS OR POTENTIAL PROBLEMS IN CONFORMANCE TO THE DESIGN LINE AND GRADE FOR ANY ELEMENT OF THE CONSTRUCTION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY NOTIFYING THE ENGINEER OF SITE CONDITIONS THAT DIFFER FROM THOSE SHOWN ON THE APPROVED PLANS.
- IN THE EVENT THE CONTRACTOR ALLOWS, AUTHORIZES, APPROVES OR CONSTRUCTS ITEMS THAT DIFFER FROM THE APPROVED PLAN, SPECIFICATIONS, OR OTHER CONTRACT DOCUMENTS, WITHOUT WRITTEN APPROVAL BY THE ENGINEER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LIABILITY ARISING FROM SUCH CHANGES.

CITY OF LONE TREE GENERAL NOTES

- THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE ENGINEERING DIVISION HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL CONFORMANCE WITH THE CITY OF LONE TREE SUBDIVISION RESOLUTION OR APPROVED VARIANCES TO THOSE REGULATIONS. THE CITY OF LONE TREE ENGINEER, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY, OTHER THAN STATED ABOVE, FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS. THE OWNER AND ENGINEER UNDERSTAND THAT THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE IS AFFIXED TO THIS DOCUMENT.
- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CURRENT DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS, INSPECTION SECTION, (303) 662-8112, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION, AND/OR BEFORE RESTARTING CONSTRUCTION AFTER A SHUTDOWN OF MORE THAN TEN (10) DAYS.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT: UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT (800) 922-1987 OR 811.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY (SIGNED BY BOTH DESIGN ENGINEER AND CITY OF LONE TREE) OF THE CONSTRUCTION PLANS AND GESC REPORT AND PLAN, AND ONE (1) COPY OF THE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.
- ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES, STORM SEWER, OR OTHER PURPOSES ARE LISTED AND REFERENCED BELOW:
- A ROW/CONSTRUCTION PERMIT MUST BE OBTAINED BEFORE ANY WORK WITHIN EXISTING OR PROPOSED PUBLIC ROW. THE PERMIT APPLICATION MUST BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR REVIEW/PROCESSING A MINIMUM OF SEVEN (7) DAYS PRIOR TO REQUESTED START FOR THE WORK IN THE ROW.
- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR ACCEPTANCE WITH THE PERMIT APPLICATION. AN EXCAVATION OR PUBLIC IMPROVEMENTS CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- THE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF CITY OF LONE TREE ACCEPTANCE/APPROVAL. IF APPLICABLE CONSTRUCTION PERMITS HAVE NOT BEEN OBTAINED, AND CONSTRUCTION STARTED WITHIN THAT TIME, THESE PLANS SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF LONE TREE.
- CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE ENGINEER INSPECTOR WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON ANY FACILITY WHICH WILL BE CONVEYED TO THE CITY, MILE HIGH FLOOD DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE (STORM SEWER, ENERGY DISSIPATORS, DETENTION OUTLET STRUCTURES, OR OTHER DRAINAGE INFRASTRUCTURES), FAILURE TO NOTIFY ENGINEERING INSPECTOR TO ALLOW THEM TO INSPECT THE CONSTRUCTION MAY RESULT IN NON-ACCEPTANCE OF THE FACILITIES/INFRASTRUCTURE BY CITY AND/OR MILE HIGH FLOOD DISTRICT.

EXISTING SUBSURFACE UTILITY NOTES

- THE EXISTING SUBSURFACE UTILITIES DEPICTED IN THESE PLANS ARE IN ACCORDANCE WITH THEIR ACHIEVED QUALITY LEVELS AS DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD 38-02, "STANDARD GUIDELINE FOR COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."
- THE SUBSURFACE UTILITY ENGINEERING NOTIFICATION AND INVESTIGATION WAS PERFORMED BETWEEN ~~---/---/---~~ AND ~~---/---/---~~. MERRICK WILL NOT BE HELD LIABLE FOR ANY CHANGES IN FIELD CONDITIONS BEYOND THE DATES IN WHICH THE SUBSURFACE UTILITY INVESTIGATION WAS COMPLETED.
- THE FOLLOWING UTILITIES WERE NOT INCLUDED AS PART OF THE SUBSURFACE UTILITY ENGINEERING INVESTIGATION: LANDSCAPE IRRIGATION SYSTEMS, UTILITY SERVICES TO RESIDENCES OR BUSINESSES, UNDERGROUND STORAGE TANKS, SEPTIC TANKS, WELLS, AND TRAFFIC DETECTION DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, CRS ("EXCAVATION REQUIREMENTS") WHEN EXCAVATING OR GRADING IS PLANNED IN THE AREA OF UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO (2) BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE, PRIOR TO COMMENCING SUCH OPERATIONS. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT PHONE NO. 811, TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND FACILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER. UTILITY SERVICE LATERALS SHALL ALSO BE LOCATED PRIOR TO BEGINNING EXCAVATION OR GRADING. THE CONTRACTOR SHALL LOCATE NON-MEMBER UTILITIES, SUCH AS STORM SEWER AND DITCH FACILITIES, AS NECESSARY TO PREVENT DAMAGE THERETO.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL LOCATIONS OF EXISTING STRUCTURES AND UTILITIES SHOWN ON THE PLANS AND TO ASCERTAIN WHETHER ANY OTHER STRUCTURES AND UTILITIES MAY EXIST. THE CONTRACTOR ASSUMES RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES DURING THE WORK. REPAIR OF DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998



FOR AND ON BEHALF OF
 MERRICK AND COMPANY

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT #	65121141
PRINTED FOR	REVIEW
DATE	08/18/23
DRAWN BY	KEA
SHEET	

GENERAL NOTES

SHEET NUMBER

C10.1

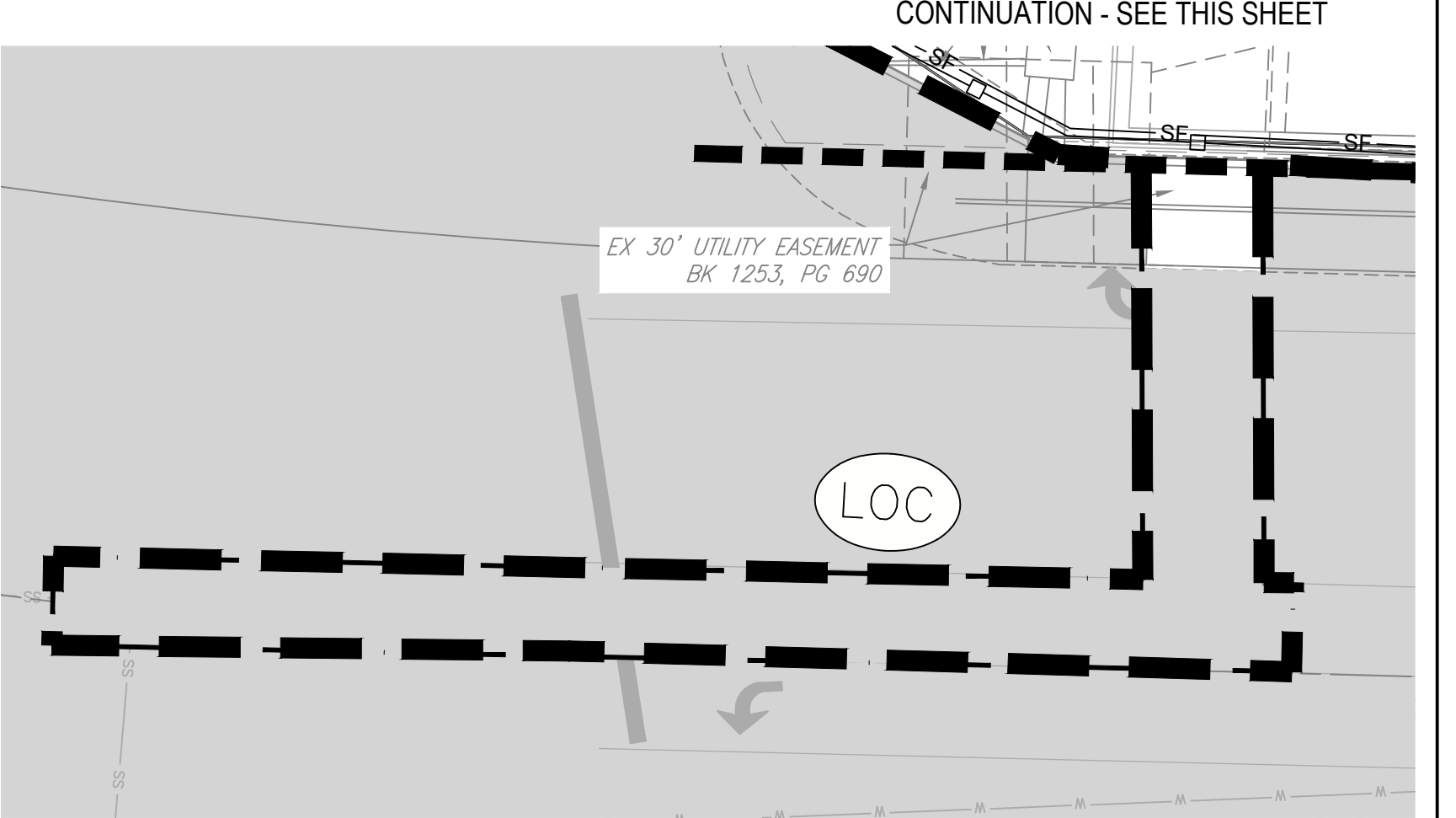
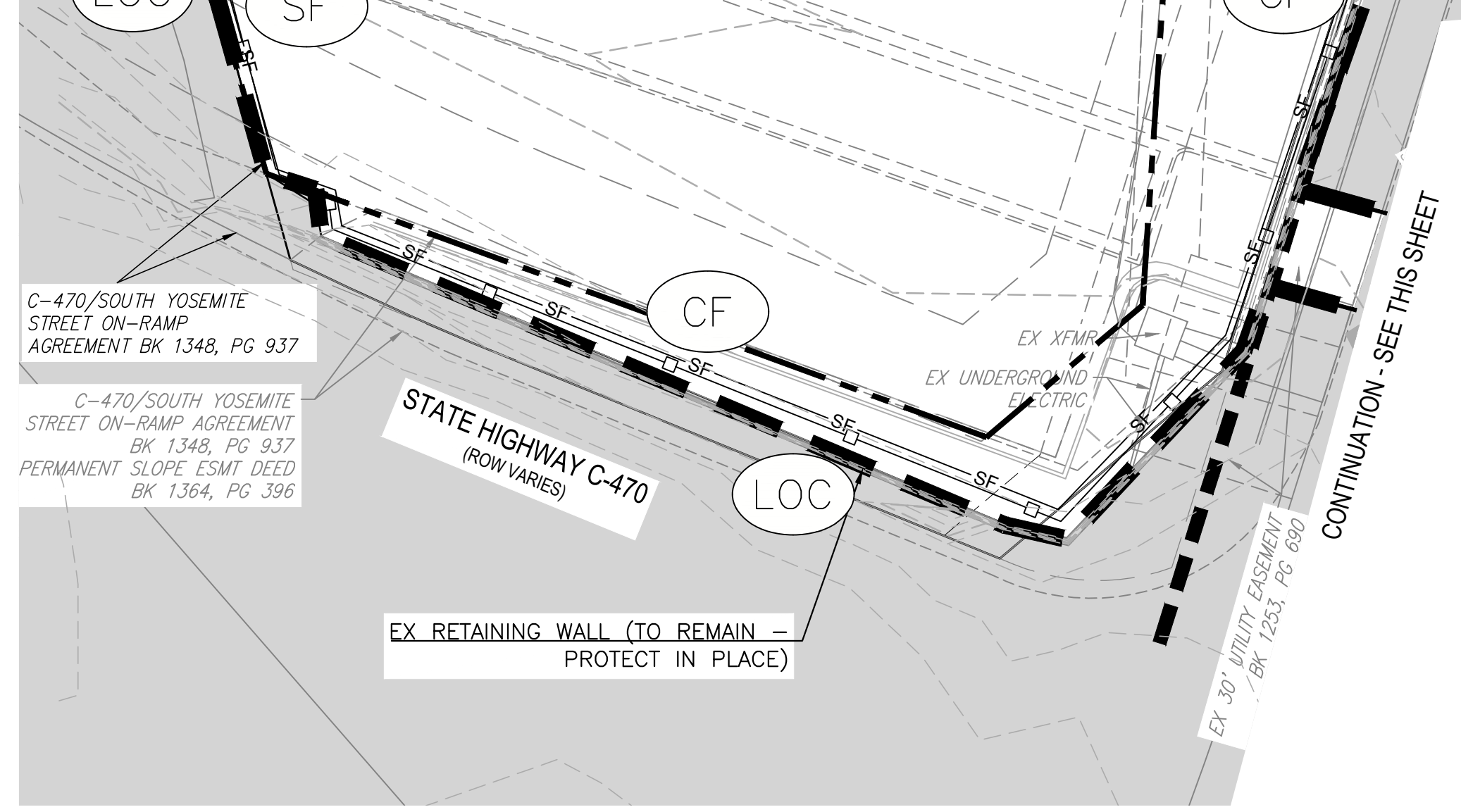
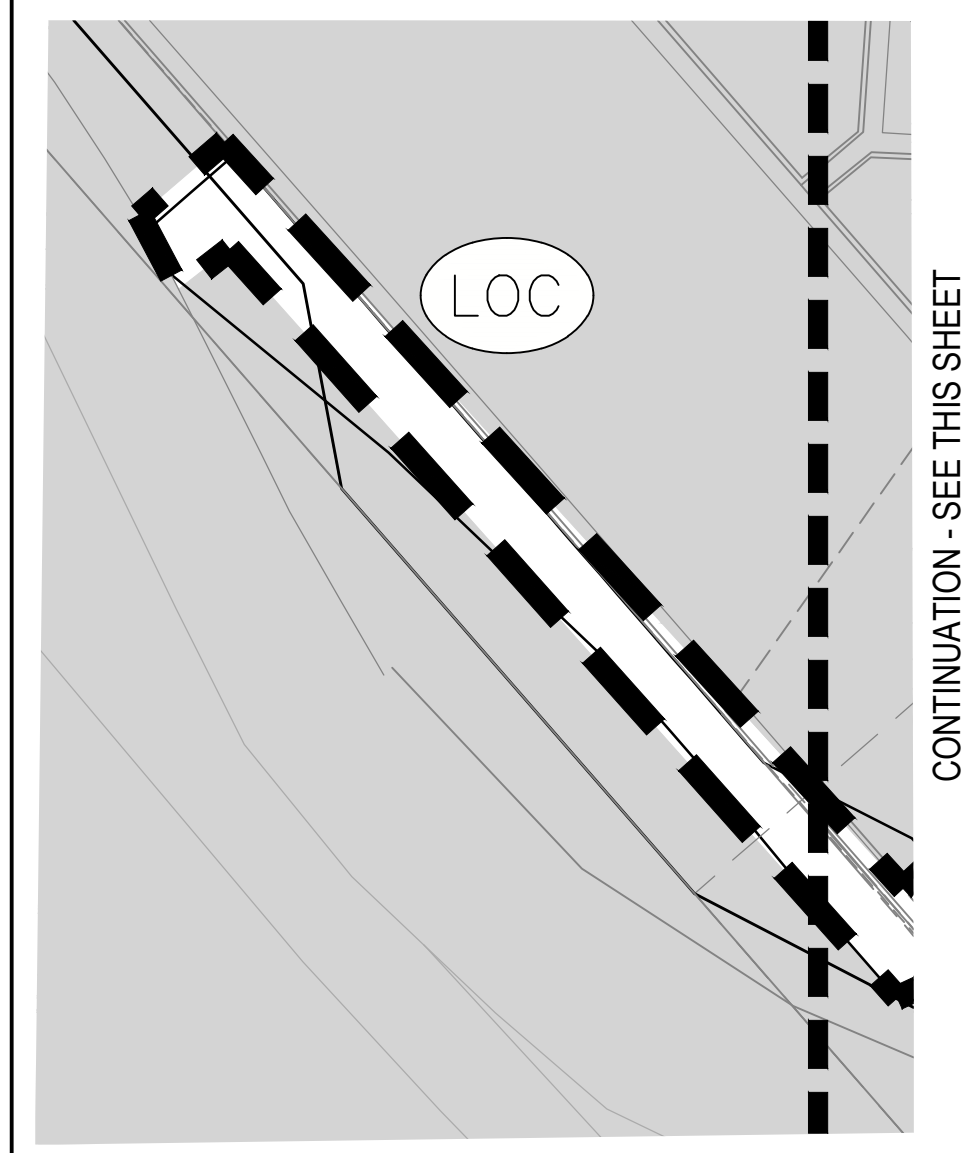
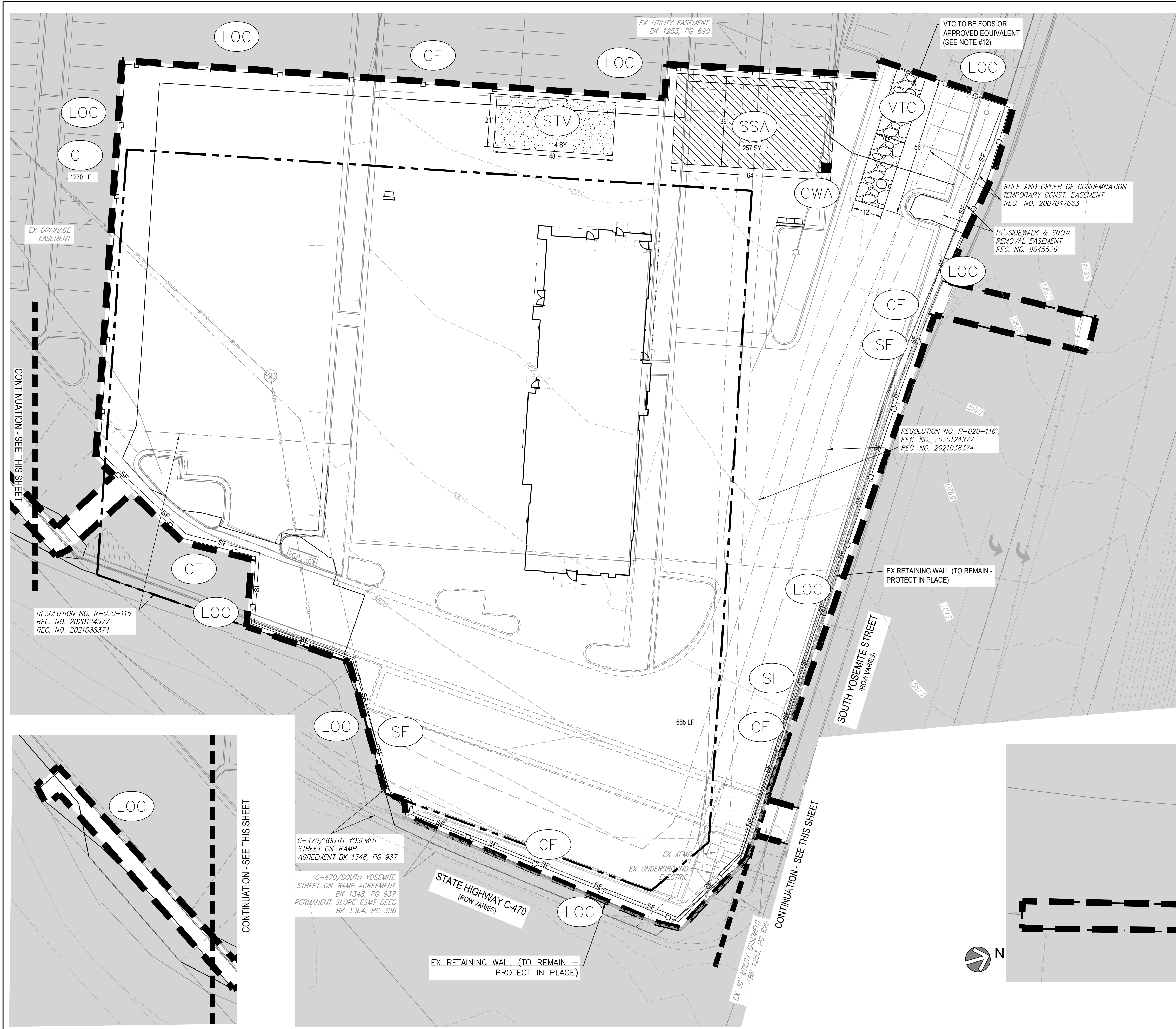
CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
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ENGINEERING DIVISION ACCEPTANCE BLOCK	



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NOTES:

- INTERIOR SILT FENCE SHOULD BE PLACED BY THE CONTRACTOR TO INTERMITTENTLY INTERCEPT GROUND FLOW. LOCATION TO BE BASED ON SITE CONDITIONS.
- REFER TO EROSION CONTROL DETAILS (C9.0-C9.3)
- OWNER/CONTRACTOR MUST OBTAIN THE CDPS GENERAL PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION.
- THE CITY OF LOVELAND'S "STANDARD EROSION AND SEDIMENT CONTROL CONSTRUCTION PLAN NOTES, FEBRUARY 2005" TAKE PRECEDENCE OVER THE "GENERAL EROSION CONTROL NOTES" WHENEVER THERE IS A QUESTION OR CONFLICT IN THE NOTES.
- THE OWNER/CONTRACTOR MUST ADHERE AND ABIDE TO THE RULES AND REGULATIONS IMPOSED BY THE CITY OF LOVELAND.
- SLOPE PROTECTION SHOULD BE ADDED TO ALL AREAS OF SLOPES GREATER THAN 4:1. CONTRACTOR TO USE "TRACKED" VEHICLE, RUN PERPENDICULAR TO SLOPE TO INHIBIT RILL/GULLEY EROSION. CONTRACTOR MAY USE OTHER WINDROW-TYPE METHODS AS APPROVED BY ENGINEER. TYPICAL ALL SLOPES. REPEAT AS NECESSARY UNTIL LANDSCAPING IS INSTALLED.
- ALL VEHICLE SPEEDS SHALL BE LIMITED TO A MAXIMUM OF 25 MILES PER HOUR.
- ALL UNPAVED ROADWAYS AND DISTURBED SURFACE AREAS SHALL BE WATERED AS NEEDED TO PREVENT FUGITIVE DUST EMISSIONS.
- ALL PORTABLE TOILETS SHALL BE PLACED ON A PERVIOUS SURFACE AND STAKED DOWN ON ALL FOUR SIDES.
- ALL ADJACENT ROADWAYS AND PAVEMENT SHALL BE KEPT CLEAR OF DIRT AND DEBRIS AND SHALL BE CLEANED USING DRY METHODS ONLY IMMEDIATELY UPON TRACKING.
- SEE COVER SHEET OF LONE TREE GESC STANDARD NOTES AND DETAILS (SHEET 1) FOR LEGEND OF BMP NAMES AND SYMBOLS.
- CONTRACTOR TO INSTALL TYPICAL ENTRANCE LAYOUT (2X4) FODS TRACKOUT CONTROL SYSTEM FOR THE VEHICLE TRACKING CONTROL OR AN APPROVED EQUIVALENT.

TEMPORARY BMP LEGEND:

- SF SILT FENCE
- CF CONSTRUCTION FENCE
- DD DIVERSION DITCH
- RS ROCK SOCK
- CIP CURB INLET PROTECTION
- LOC LIMITS OF CONSTRUCTION
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- CWA CONCRETE WASHOUT AREA
- SB SEDIMENT BASIN
- DIP3 DROP INLET WATTLE FILTER
- SM SEEDING AND MULCHING
- STM STOCKPILE MANAGEMENT



Chick-fil-A

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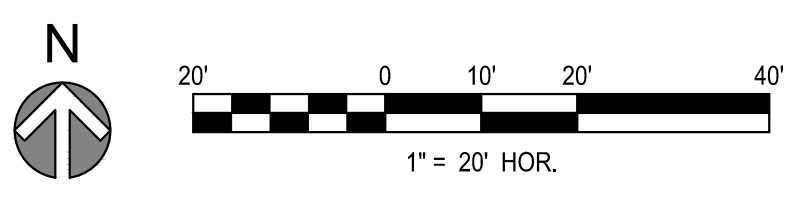
GRADING, EROSION, AND SEDIMENT CONTROL PLANS

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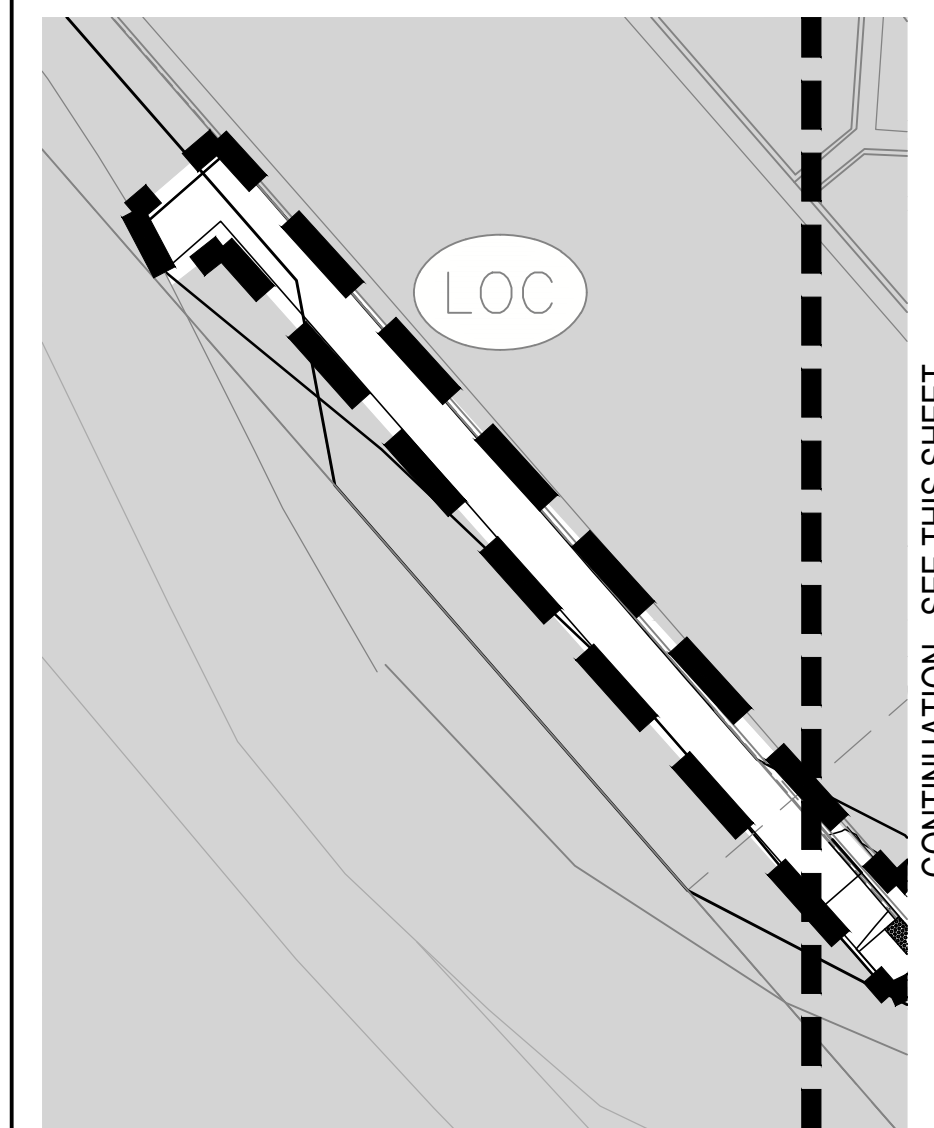
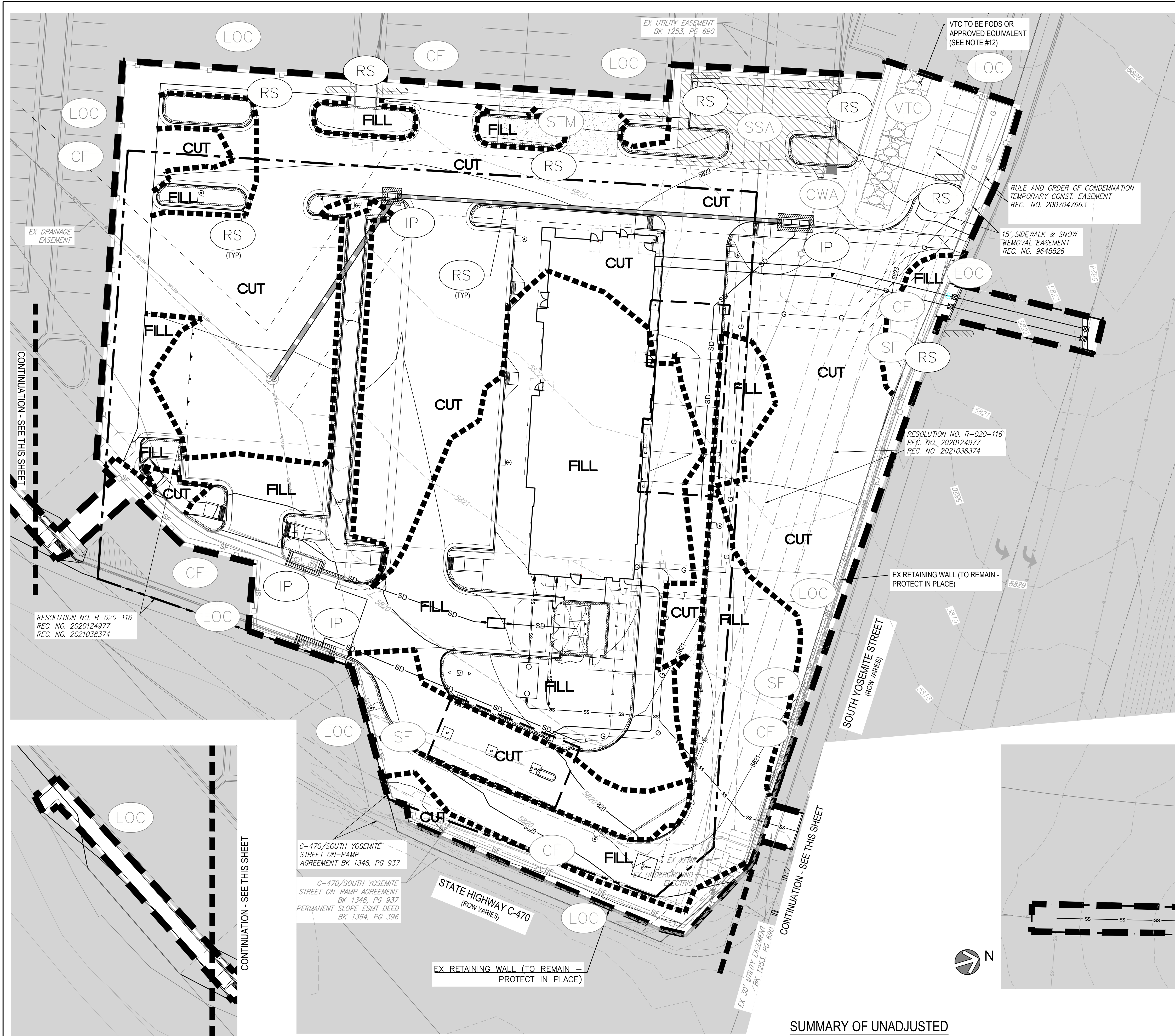
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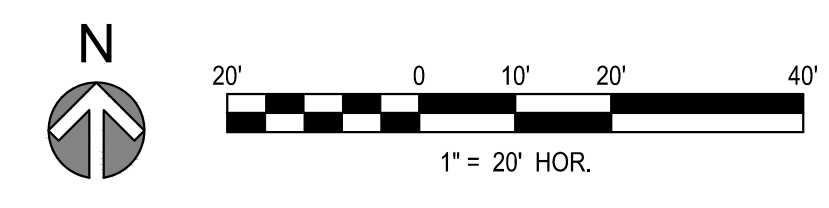
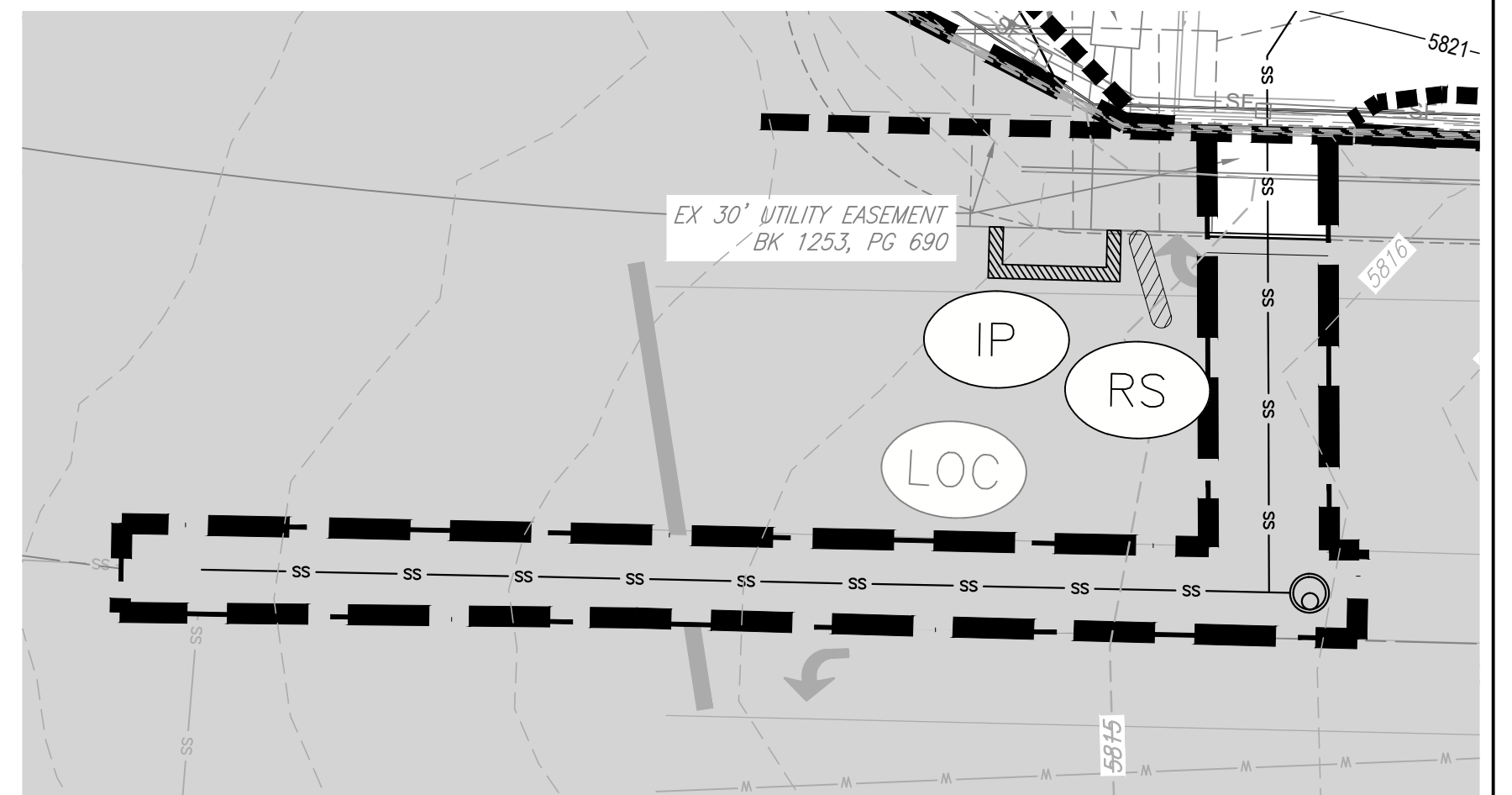
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C-470/SOUTH YOSEMITE STREET ON-RAMP AGREEMENT BK 1348, PG 937
 C-470/SOUTH YOSEMITE STREET ON-RAMP AGREEMENT BK 1348, PG 937 PERMANENT SLOPE ESMT DEED BK 1364, PG 396

SUMMARY OF UNADJUSTED CUT & FILL VOLUMES:
 CUT = 585 CY
 FILL = 559 CY
 NET = 26 CY (FILL)



NOTES:

1. INTERIOR SILT FENCE SHOULD BE PLACED BY THE CONTRACTOR TO INTERMITTENTLY INTERCEPT GROUND FLOW. LOCATION TO BE BASED ON SITE CONDITIONS.
2. REFER TO EROSION CONTROL DETAILS (C9.0-C9.3)
3. OWNER/CONTRACTOR MUST OBTAIN THE CDPS GENERAL PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION.
4. THE CITY OF LOVELAND'S "STANDARD EROSION AND SEDIMENT CONTROL CONSTRUCTION PLAN NOTES, FEBRUARY 2005" TAKE PRECEDENCE OVER THE "GENERAL EROSION CONTROL NOTES" WHENEVER THERE IS A QUESTION OR CONFLICT IN THE NOTES.
5. THE OWNER/CONTRACTOR MUST ADHERE AND ABIDE TO THE RULES AND REGULATIONS IMPOSED BY THE CITY OF LOVELAND.
6. SLOPE PROTECTION SHOULD BE ADDED TO ALL AREAS OF SLOPES GREATER THAN 4:1. CONTRACTOR TO USE "TRACKED" VEHICLE, RUN PERPENDICULAR TO SLOPE TO INHIBIT RILL/GULLEY EROSION. CONTRACTOR MAY USE OTHER WINDROW-TYPE METHODS AS APPROVED BY ENGINEER. TYPICAL ALL SLOPES. REPEAT AS NECESSARY UNTIL LANDSCAPING IS INSTALLED.
7. ALL VEHICLE SPEEDS SHALL BE LIMITED TO A MAXIMUM OF 25 MILES PER HOUR.
8. ALL UNPAVED ROADWAYS AND DISTURBED SURFACE AREAS SHALL BE WATERED AS NEEDED TO PREVENT FUGITIVE DUST EMISSIONS.
9. ALL PORTABLE TOILETS SHALL BE PLACED ON A PVIOUS SURFACE AND STAKED DOWN ON ALL FOUR SIDES.
10. ALL ADJACENT ROADWAYS AND PAVEMENT SHALL BE KEPT CLEAR OF DIRT AND DEBRIS AND SHALL BE CLEANED USING DRY METHODS ONLY IMMEDIATELY UPON TRACKING.
SEE COVER OF LONE TREE GESC STANDARD NOTES AND DETAILS (SHEET 1) FOR LEGEND OF BMP NAMES AND SYMBOLS.
11. SHADED BMPs WERE INSTALLED IN INITIAL STAGE AND SHALL BE LEFT IN PLACE IN INTERIM STAGE UNLESS OTHERWISE SPECIFIED.
12. ALL INTERIM EROSION AND SEDIMENT CONTROL BMPs INCLUDING DRILL SEEDING AND CRIMP MULCHING OF DISTURBED AREAS, MUST BE INSTALLED, INSPECTED, AND APPROVED BY THE COUNTY PRIOR TO THE ISSUANCE OF A RIGHT-OF-WAY USE AND CONSTRUCTION PERMIT FOR THE PURPOSE OF PAVING OR INSTALLATION OF CURB AND GUTTER.
SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, WATER QUALITY FACILITIES, CULVERTS, STORM DRAINS, AND OUTLET PROTECTION.

TEMPORARY BMP LEGEND:

- SF SILT FENCE
- CF CONSTRUCTION FENCE
- DD DIVERSION DITCH
- RS ROCK SOCK
- CIP CURB INLET PROTECTION
- LOC LIMITS OF CONSTRUCTION
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- CWA CONCRETE WASHOUT AREA
- SB SEDIMENT BASIN
- DIP3 DROP INLET WATTLE FILTER
- SM SEEDING AND MULCHING
- STM STOCKPILE MANAGEMENT

GRADING, EROSION, AND SEDIMENT CONTROL PLANS

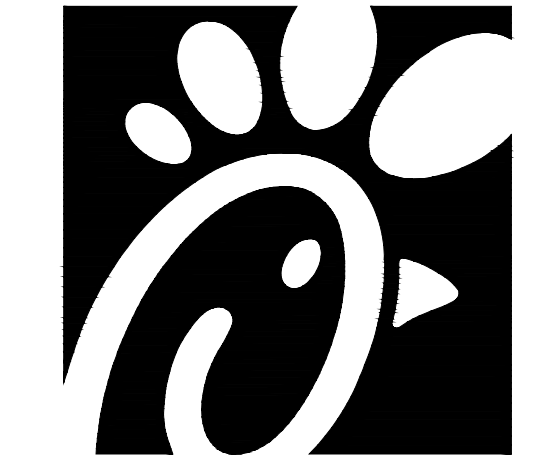
CHICK-FIL-A
HWY 470 & YOSEMITE
 NWC OF HWY 470 & YOSEMITE
 LONE TREE, CO 80124
 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190

BUILDING TYPE / SIZE: P13 LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
 PRINTED FOR REVIEW
 DATE 08/18/23
 DRAWN BY KEA
 SHEET INTERIM GESC PLAN
 SHEET NUMBER
C10.3



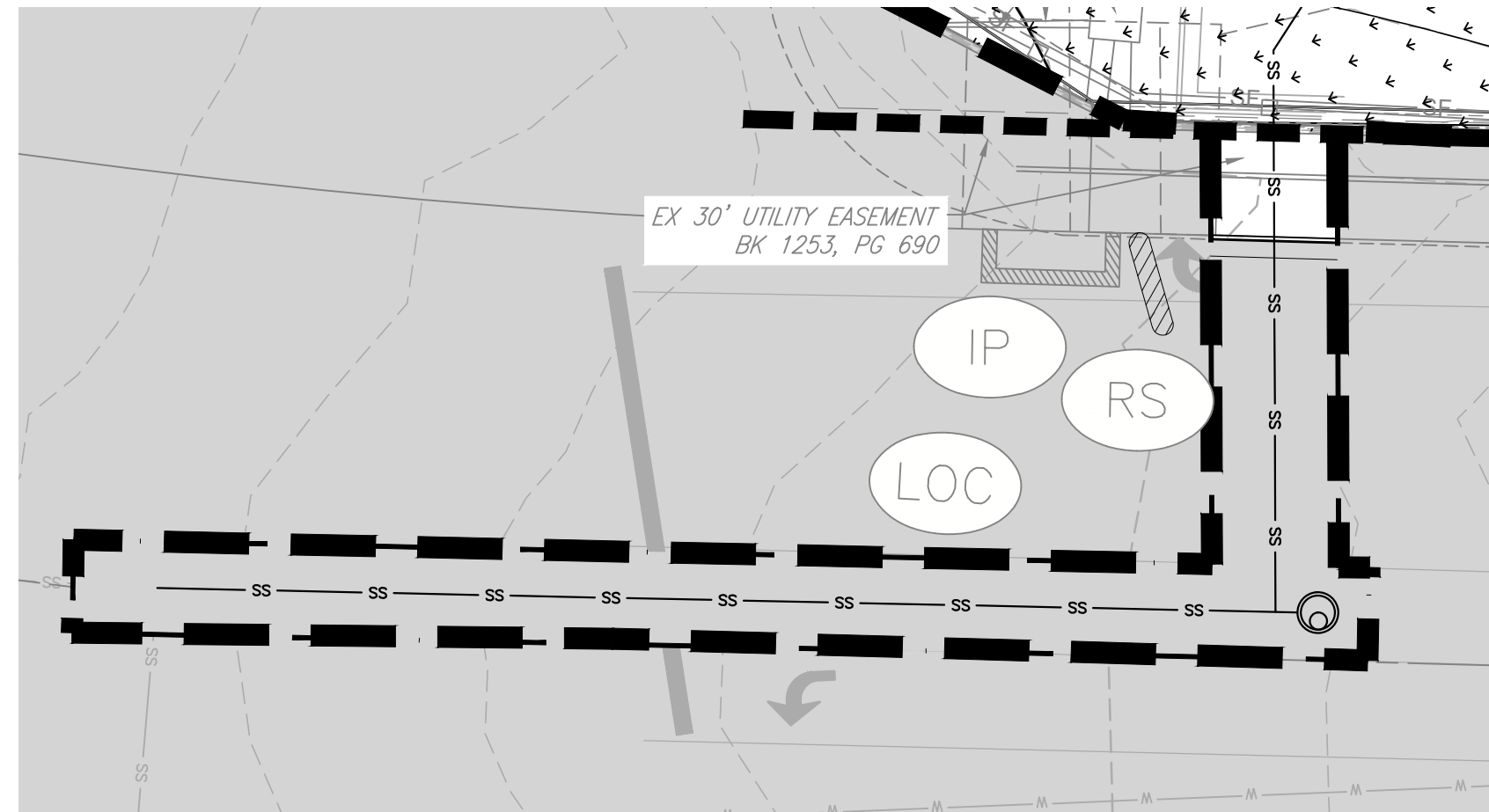
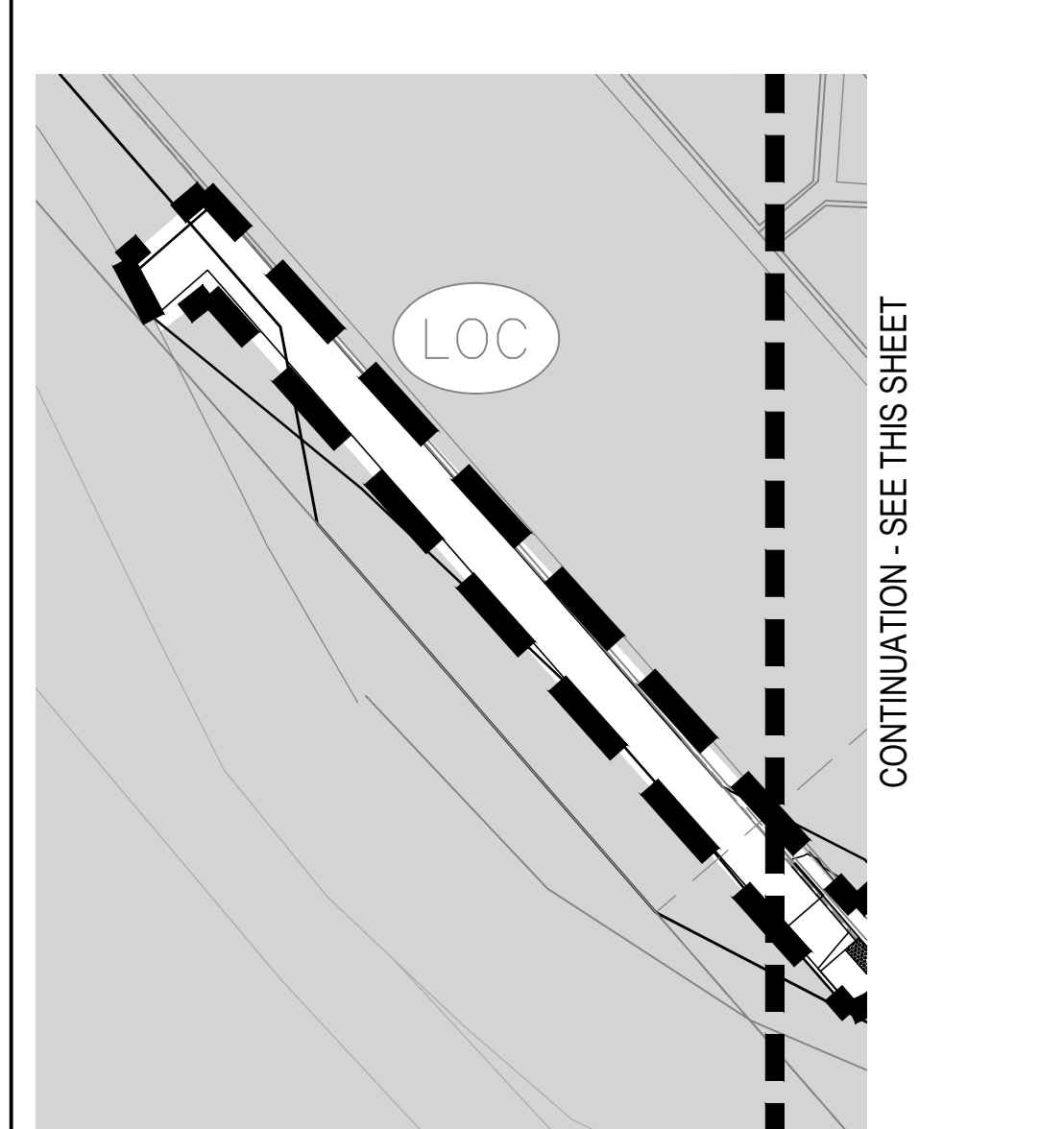
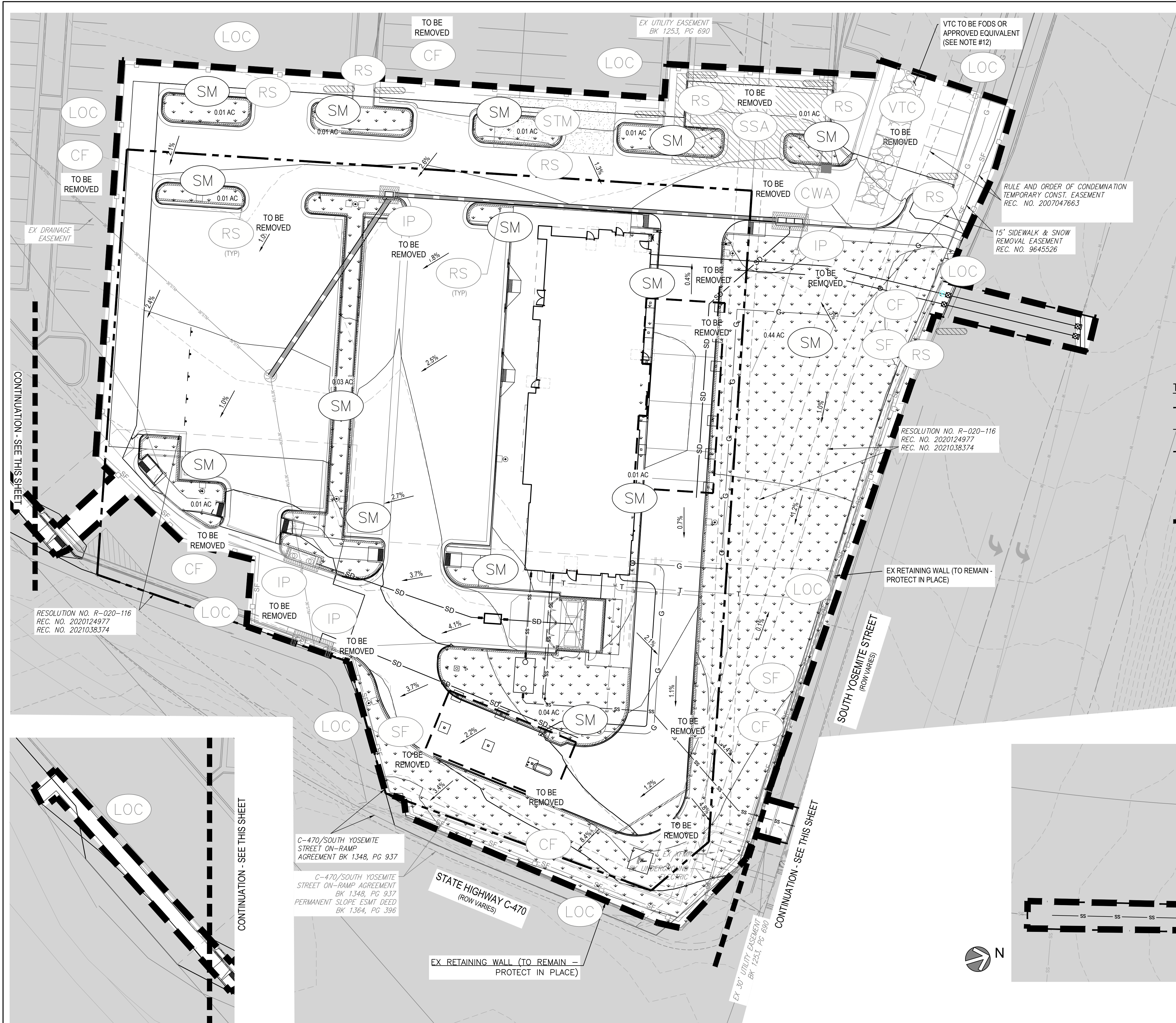
Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia 30349-2998

FOR AND ON BEHALF OF
 MERRICK AND COMPANY



CITY OF LONE TREE APPROVAL	
CITY OF LONE TREE	
DATE	
THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR GRADING, EROSION, AND SEDIMENT CONTROL IMPROVEMENTS ONLY.	
ENGINEERING DIVISION ACCEPTANCE BLOCK	

File Path: Q:\DEN\Projects\1141-00 CFA 470 & Yosemite 5190\CADD\GESC\1141 - GESC - C3.0 - GESC PLANS.dwg
 Last Saved By: KBLACK
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NOTES:

- INTERIOR SILT FENCE SHOULD BE PLACED BY THE CONTRACTOR TO INTERMITTENTLY INTERCEPT GROUND FLOW. LOCATION TO BE BASED ON SITE CONDITIONS.
- REFER TO EROSION CONTROL DETAILS (C9.0-C9.3)
- OWNER/CONTRACTOR MUST OBTAIN THE CDPS GENERAL PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION.
- THE CITY OF LOVELAND'S "STANDARD EROSION AND SEDIMENT CONTROL CONSTRUCTION PLAN NOTES, FEBRUARY 2005" TAKE PRECEDENCE OVER THE "GENERAL EROSION CONTROL NOTES" WHENEVER THERE IS A QUESTION OR CONFLICT IN THE NOTES.
- THE OWNER/CONTRACTOR MUST ADHERE AND ABIDE TO THE RULES AND REGULATIONS IMPOSED BY THE CITY OF LOVELAND.
- SLOPE PROTECTION SHOULD BE ADDED TO ALL AREAS OF SLOPES GREATER THAN 4:1. CONTRACTOR TO USE "TRACKED" VEHICLE, RUN PERPENDICULAR TO SLOPE TO INHIBIT RILL/GULLEY EROSION. CONTRACTOR MAY USE OTHER WINDROW-TYPE METHODS AS APPROVED BY ENGINEER. TYPICAL ALL SLOPES. REPEAT AS NECESSARY UNTIL LANDSCAPING IS INSTALLED.
- ALL VEHICLE SPEEDS SHALL BE LIMITED TO A MAXIMUM OF 25 MILES PER HOUR.
- ALL UNPAVED ROADWAYS AND DISTURBED SURFACE AREAS SHALL BE WATERED AS NEEDED TO PREVENT FUGITIVE DUST EMISSIONS.
- ALL PORTABLE TOILETS SHALL BE PLACED ON A PERVIOUS SURFACE AND STAKED DOWN ON ALL FOUR SIDES.
- ALL ADJACENT ROADWAYS AND PAVEMENT SHALL BE KEPT CLEAR OF DIRT AND DEBRIS AND SHALL BE CLEANED USING DRY METHODS ONLY IMMEDIATELY UPON TRACKING.
- SEE COVER SHEET OF LONE TREE GESC STANDARD NOTES AND DETAILS (SHEET 1) FOR LEFEND OF BMP NAMES AND SYMBOLS.
- SHADED BMPs WERE INSTALLED IN INITIAL OR INTERIM GESC DRAWING AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE COUNTY.
- SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, CULVERTS, STORM DRAINS AND OUTLET PROTECTION.

TEMPORARY BMP LEGEND:

- SF SILT FENCE
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Chick-fil-A
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FOR AND ON BEHALF OF
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GRADING, EROSION, AND SEDIMENT CONTROL PLANS

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HWY 470 & YOSEMITE
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 LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
 BUILDING TYPE / SIZE: P13 LS LRG (MOD)
 RELEASE: 22.05

REVISION SCHEDULE		
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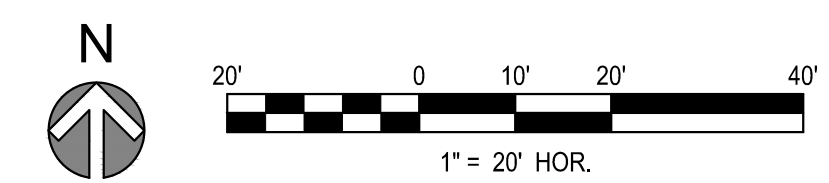
CITY OF LONE TREE APPROVAL

CITY OF LONE TREE

DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR GRADING, EROSION, AND SEDIMENT CONTROL IMPROVEMENTS ONLY.

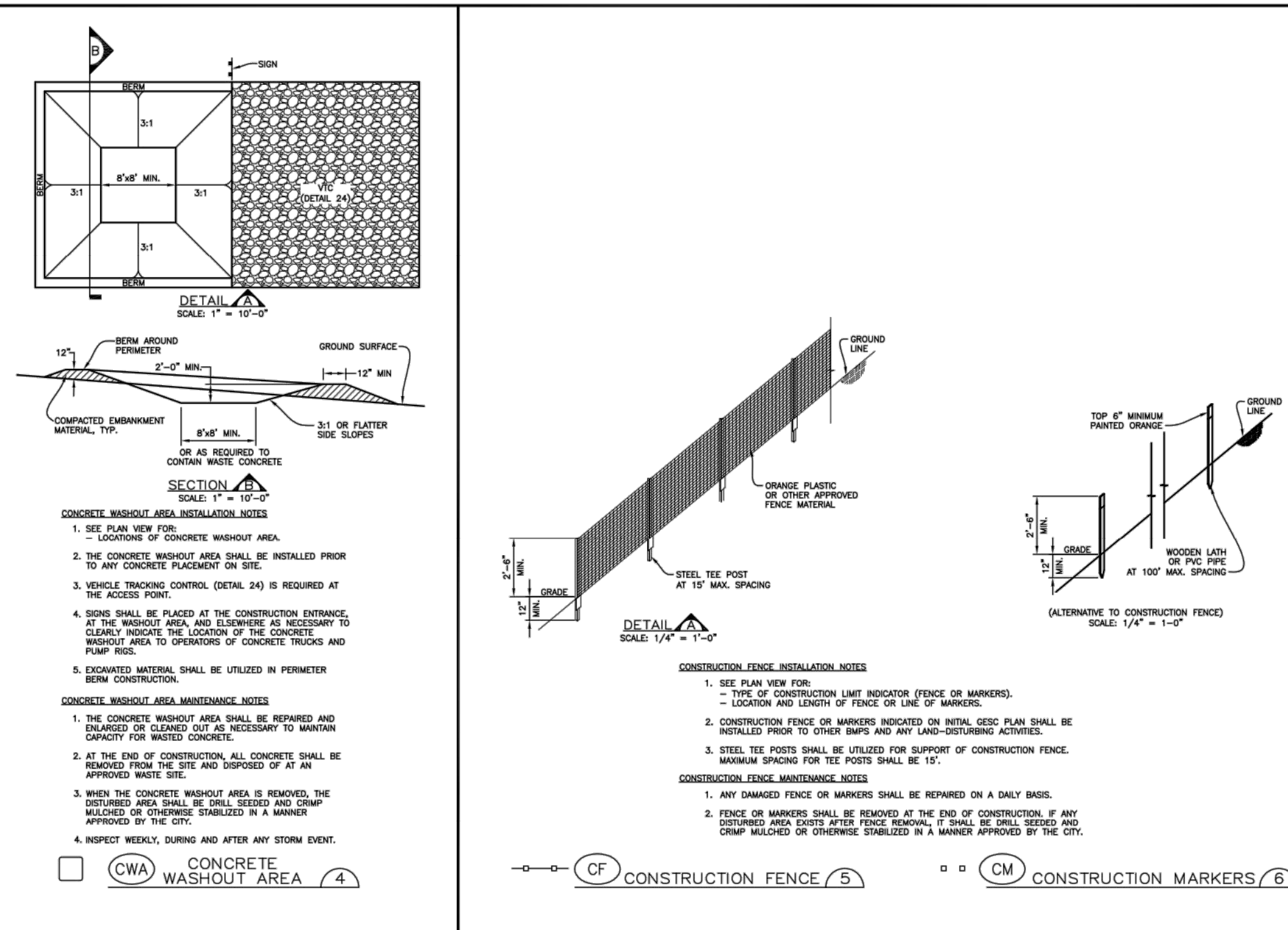
ENGINEERING DIVISION ACCEPTANCE BLOCK



C10.4

GRADING, EROSION, AND SEDIMENT CONTROL (GESC) GENERAL NOTES

- THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE CITY OF LONE TREE PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL COMPLIANCE WITH THE CITY OF LONE TREE SUBDIVISION REGULATIONS AND/OR THE GRADING, EROSION, AND SEDIMENT CONTROL (GESC) CRITERIA MANUAL. THE CITY OF LONE TREE ENGINEER, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY (OTHER THAN AS STATED ABOVE) FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS.
- THE ADEQUACY OF THIS GESC PLAN LIES WITH THE ORIGINAL DESIGN ENGINEER.
- THIS GESC PLAN SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF ACCEPTANCE BY THE CITY OF LONE TREE. AFTER THAT PERIOD THE GESC PLAN SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF LONE TREE.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY OF LONE TREE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT COMPLY WITH THE CITY OF LONE TREE GESC PLAN OR GESC PERMIT.
- THE PLACEMENT OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE IN ACCORDANCE WITH THE CITY OF LONE TREE - ACCEPTED GESC PLAN AND THE CITY OF LONE TREE CRITERIA MANUAL.
- ANY VARIATION IN MATERIAL, TYPE OR LOCATION OF EROSION AND SEDIMENT CONTROL BMPs FROM THE CITY OF LONE TREE - ACCEPTED GESC PLAN WILL REQUIRE APPROVAL FROM AN ACCOUNTABLE REPRESENTATIVE OF THE CITY OF LONE TREE ENGINEERING DIVISION.
- AFTER THE GESC PLAN HAS BEEN ACCEPTED, THE GESC PERMIT APPLIED FOR, FEES AND FISCAL SECURITY SUBMITTED TO THE CITY, AND THE GESC FIELD MANUAL OBTAINED AND REVIEWED, THE CONTRACTOR MAY INSTALL THE INITIAL-STAGE EROSION AND SEDIMENT CONTROL BMPs INDICATED ON THE ACCEPTED GESC PLAN.
- THE FIRST BMP TO BE INSTALLED ON THE SITE SHALL BE CONSTRUCTION FENCE, MARKERS, OR OTHER APPROVED MEANS OF DEFINING THE LIMITS OF CONSTRUCTION. INCLUDING CONSTRUCTION LIMITS ADJACENT TO STREAM CORRIDORS AND OTHER AREAS TO BE PRESERVED.
- AFTER INSTALLATION OF THE INITIAL-STAGE EROSION AND SEDIMENT CONTROL BMPs, THE PERMITTEE SHALL CALL THE CITY OF LONE TREE CONSTRUCTION INSPECTOR AT (303) 662-8112 TO SCHEDULE A PRECONSTRUCTION MEETING AT THE PROJECT SITE. THE REQUEST SHALL BE MADE A MINIMUM OF THREE BUSINESS DAYS PRIOR TO THE REQUESTED MEETING TIME. NO CONSTRUCTION ACTIVITIES SHALL BE PLANNED WITHIN 24 HOURS AFTER THE PRECONSTRUCTION MEETING.
- THE OWNER OR OWNER'S REPRESENTATIVE, THE GESC MANAGER, THE GENERAL CONTRACTOR, AND THE GRADING SUBCONTRACTOR, IF DIFFERENT FROM THE GENERAL CONTRACTOR, MUST ATTEND THE PRECONSTRUCTION MEETING. IF ANY OF THE REQUIRED PARTICIPANTS FAIL TO ATTEND THE PRECONSTRUCTION MEETING, OR IF THE GESC FIELD MANUAL IS NOT ON SITE, OR IF THE INSTALLATION OF THE INITIAL BMPs IS NOT APPROVED BY THE CITY OF LONE TREE GESC INSPECTOR, THE APPLICANT WILL HAVE TO PAY A RESPECTION FEE. ADDRESS ANY PROBLEMS WITH BMP INSTALLATION, AND CALL TO RESCHEDULE THE MEETING, WITH A CORRESPONDING FEE, IN THE STATE OF CONSTRUCTION, THE CITY OF LONE TREE STRONGLY ENCOURAGES THE APPLICANT TO HAVE THE ENGINEER OF RECORD AT THE PRECONSTRUCTION MEETING. FAILURE OF THE ENGINEER OF RECORD TO ATTEND MAY RESULT IN A DELAY OF THE START OF CONSTRUCTION.
- CONSTRUCTION SHALL NOT BEGIN UNTIL THE CITY OF LONE TREE GESC INSPECTOR APPROVES THE INSTALLATION OF THE INITIAL BMPs AND THE APPROVED GESC PERMIT IS PICKED UP FROM THE CITY AND IS IN-HAND ON THE SITE. THE COMPLETED PERMIT WILL BE AVAILABLE WITHIN 24-HOURS AFTER THE INSTALLATION OF THE INITIAL BMPs ARE APPROVED.
- THE GESC MANAGER SHALL STRICTLY ADHERE TO THE CITY OF LONE TREE APPROVED LIMITS OF CONSTRUCTION AT ALL TIMES. THE CITY OF LONE TREE ENGINEERING DIVISION MUST APPROVE ANY CHANGES TO THE LIMITS OF CONSTRUCTION AND AT THE DISCRETION OF THE ENGINEERING DIVISION, ADDITIONAL EROSION/SEDIMENT CONTROLS MAY BE REQUIRED IN ANY ADDITIONAL AREAS OF CONSTRUCTION.
- THE MAXIMUM AREA OF CONSTRUCTION SHALL BE LIMITED TO 40 ACRES (70 ACRES IF APPROVED FOR SOIL MITIGATION OPERATIONS) TO REDUCE THE AMOUNT OF LAND DISTURBED AT ANY ONE TIME. LARGER SITES SHALL BE DIVIDED INTO PHASES THAT ARE EACH 40 (OR 70) ACRES OR LESS IN SIZE. THESE PROJECTS SHALL CONDUCT GRADING OPERATIONS IN ACCORDANCE WITH THE CITY OF LONE TREE GESC PLAN, BMP INSTALLATION AND APPROVAL BY THE CITY OF LONE TREE AT THE START AND COMPLETION OF EACH PHASE SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE GESC MANUAL AND/OR GESC FIELD MANUAL.
- PRIOR TO ACTUAL CONSTRUCTION, THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES. FOR INFORMATION, CONTACT THE DENVER INTER-UTILITY GROUP AT 1-800-922-1987 OR FAX AT (303) 534-6700.
- NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF NATURAL VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATIONS.
- THE GESC PERMIT SHALL BE VALID FOR A PERIOD OF ONE (1) YEAR, UNLESS EXTENDED.
- A COPY OF THE GESC PERMIT, ACCEPTED GESC PLANS AND THE GESC FIELD MANUAL SHALL BE ON SITE AT ALL TIMES.
- THE GESC MANAGER SHALL BE RESPONSIBLE FOR ENSURING THAT THE SITE REMAINS IN COMPLIANCE WITH THE GESC PERMIT AND SHALL BE THE PERMITTEE'S CONTACT PERSON WITH THE CITY FOR ALL MATTERS PERTAINING TO THE GESC PERMIT. THE GESC MANAGER SHALL BE PRESENT AT THE TIME THE MAJORITY OF THE TIME AND SHALL BE AVAILABLE THROUGHOUT A 24-HOUR CONTACT NUMBER. IN THE EVENT THAT THE CONTRACTOR'S GESC MANAGER IS NOT ON SITE DURING A VIOLATION, THE ALTERNATE GESC MANAGER SHALL BE CONTACTED DURING ANY VIOLATION. A STOP WORK ORDER SHALL BE ISSUED.
- ALL CONSTRUCTION TRAFFIC MUST ENTER THROUGH THE CITY OF LONE TREE APPROVED ACCESS POINT. A VEHICLE TRACKING CONTROL MAY BE REQUIRED AT ALL ACCESS POINTS ON THE SITE. ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES MAY BE ADDED WITH AUTHORIZATION FROM THE CITY OF LONE TREE ENGINEERING DIVISION.
- THE GESC MANAGER IS RESPONSIBLE FOR CLEANUP OF SEDIMENT OR CONSTRUCTION DEBRIS TRACKED ONTO ADJACENT PAVED AREAS INCLUDING STREETS. THE GESC MANAGER SHALL BE RESPONSIBLE FOR CLEANUP AND SHALL BE CLEANED WITH A STREET SWEEPER OR SIMILAR DEVICE. AT FIRST NOTICE OF ACCIDENTAL TRACKING ON TO PAVED AREAS OF THE CITY OF LONE TREE GESC INSPECTOR STREET MARKING IS NOT ALLOWED. THE CITY OF LONE TREE RESERVES THE RIGHT TO REQUIRE ADDITIONAL MEASURES TO ENSURE AREA STREETS ARE KEPT FREE OF SEDIMENT AND/OR CONSTRUCTION DEBRIS.



Sheet Revisions	
6/30/05	ADOPTED FROM DOUGLAS COUNTY GESC PLANS
5/ /08	EDIT UPDATES
11/ /08	ADD CURB SOCK DETAIL (REF UDFCD, V3 FIGURE C5-23), MISC. NOTE EDITS

NOTE: SCALES SHOWN ARE FOR 24"x36" SHEETS. ADJUST ACCORDINGLY FOR 11"x17" SHEETS.

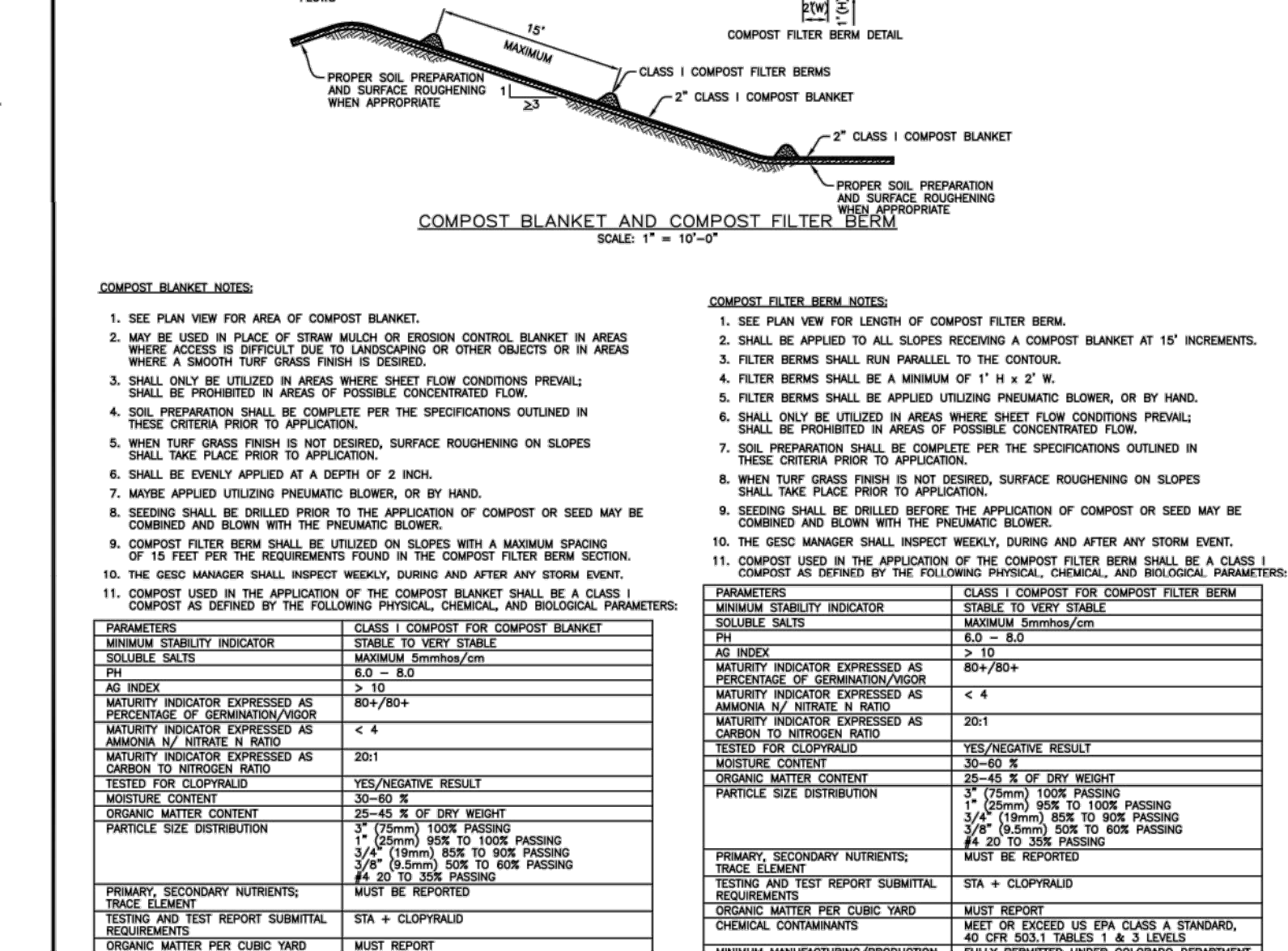
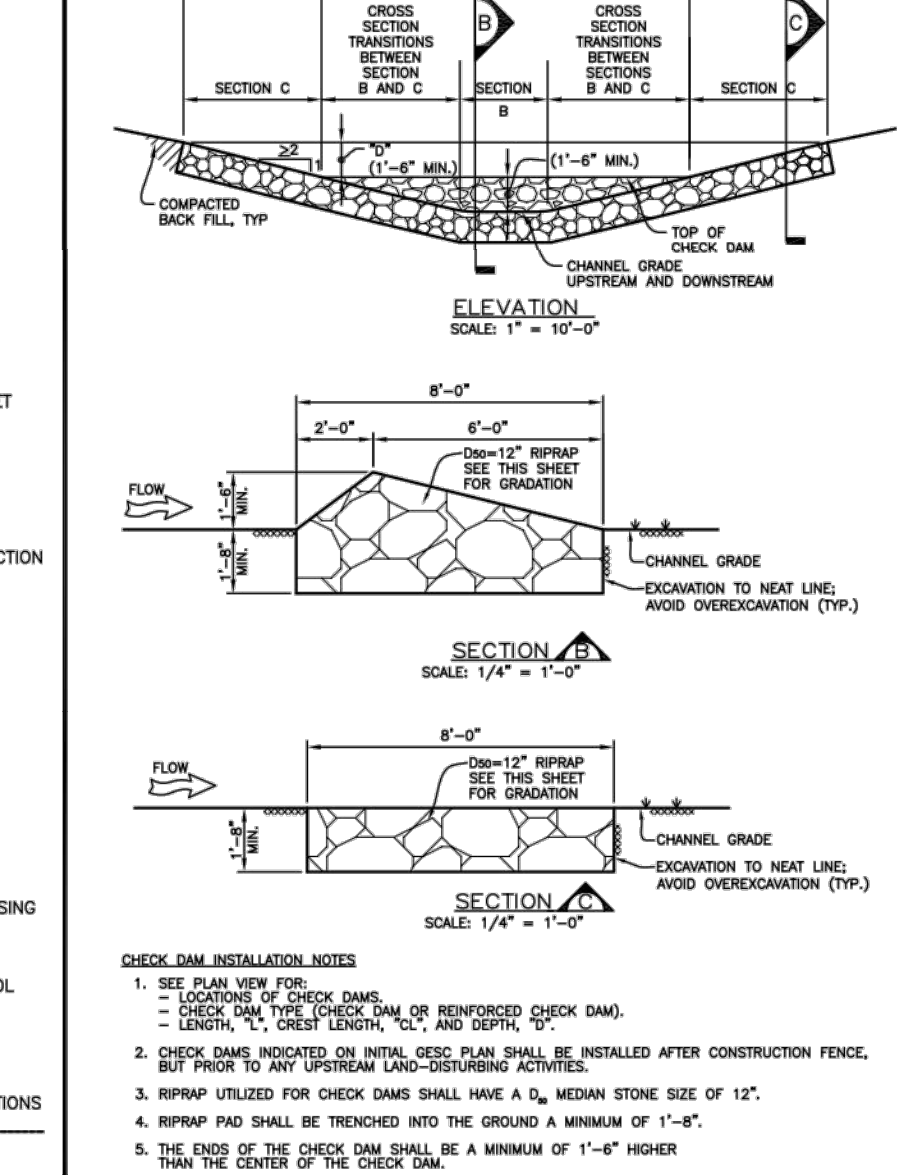
CITY OF LONE TREE
DEPARTMENT OF PUBLIC WORKS
Engineering Division

GESC GRADING, EROSION, AND SEDIMENT CONTROL

GESC PLAN STANDARD NOTES AND DETAILS

SHEET 1 OF 3

- DETAIL SHEET NO. 1
- BMP LEGEND
- CD CHECK DAM
 - CB COMPOST BLANKET
 - CFB COMPOST FILTER BERM
 - CWA CONCRETE WASHOUT AREA
 - CF CONSTRUCTION FENCE
 - CM CONSTRUCTION MARKERS
 - DW DEWATERING
 - DD DIVERSION DITCH
 - EDB EROSION CONTROL BLANKET
 - IP INLET PROTECTION
 - RFB REINFORCED ROCK BERM
 - RRB RIB FOR CURB PROTECTION
 - RSB SEDIMENT BASIN
 - SLS SEDIMENT CONTROL LOG
 - ST SEDIMENT TRAP
 - SM SLOTTING AND MULCHING
 - SF SILT FENCE
 - SSA STABILIZED STANDING AREA
 - SRB SURFACE ROUGHENING
 - TD TEMPORARY SLOPE DRAIN
 - TER TERRACING
 - VTC VEHICLE TRACKING CONTROL
 - WV WITH WHEEL WASH
 - CS CURB SOCK
 - RRB ROCK AND RIPRAP GRADATIONS
 - LOC LIMITS OF CONSTRUCTION



COMPOST BLANKET NOTES

- SEE PLAN VIEW FOR AREA OF COMPOST BLANKET.
- BE USED IN PLACE OF STRAW MULCH OR EROSION CONTROL BLANKET IN AREAS WHERE ACCESS IS DIFFICULT DUE TO OBSTACLES OR OTHER OBJECTS OR IN AREAS WHERE A SMOOTH TURF GRASS FINISH IS DESIRED.
- SMALL ONLY BE UTILIZED IN AREAS WHERE SHEET FLOW CONDITIONS PREVAIL. SHALL BE PROVIDED IN AREAS OF POSSIBLE CONCENTRATED FLOW.
- SOIL PREPARATION SHALL BE COMPLETE FOR THE SPECIFICATIONS OUTLINED IN THESE CRITERIA PRIOR TO APPLICATION.
- SOIL PREPARATION SHALL BE COMPLETE FOR THE SPECIFICATIONS OUTLINED IN THESE CRITERIA PRIOR TO APPLICATION.
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TABLE 1. RIPRAP GRADATIONS

DESIGN STONE SIZE (INCHES)	% OF MATERIAL SMALLER THAN	TYPICAL STONE DIAMETER (INCHES)	TYPICAL STONE WEIGHT (POUNDS)
6	100	12	85
9	100	18	160
12	100	24	320
18	100	36	850
24	100	48	1700

TABLE 2. RIPRAP BEDDING

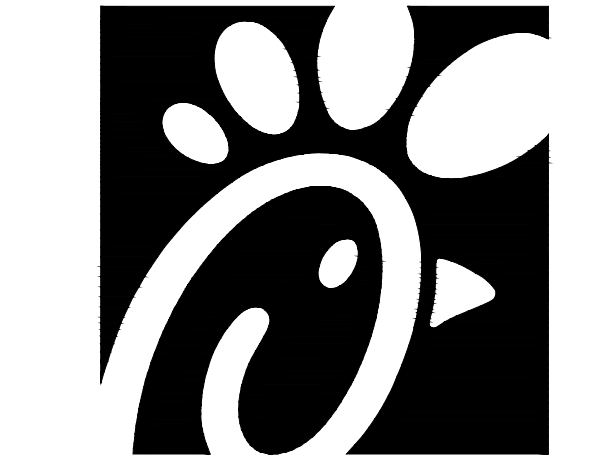
STONE SIZE	MASS PERCENT FINER SIZES	CLASS
3"	100	CLASS A
1 1/2"	20 - 90	CLASS B
3/4"	0 - 20	CLASS C
3/8"	0 - 3	CLASS D

TABLE 3. 1 1/2" CRUSHED ROCK

STONE SIZE	MASS PERCENT FINER SIZES	CLASS
3"	100	CLASS A
1 1/2"	20 - 90	CLASS B
3/4"	0 - 20	CLASS C
3/8"	0 - 3	CLASS D



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Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0741

FOR AND ON BEHALF OF
MERRICK AND COMPANY

GRADING, EROSION, AND SEDIMENT CONTROL PLANS

CHICK-FIL-A
HWY 470 & YOSEMITE
NWC OF HWY 470 & YOSEMITE
LONE TREE, CO 80124
LOTS 4 AND 5, NINE MILE CORNER AMENDMENT NO. 1

FSR#05190
BUILDING TYPE / SIZE: P13 LS LRG (MOD)
RELEASE: 22.05

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 65121141
PRINTED FOR REVIEW
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SHEET
GESC DETAIL 1

SHEET NUMBER
C10.5



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5200 Buffington Road
Atlanta, Georgia 30349-2998



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
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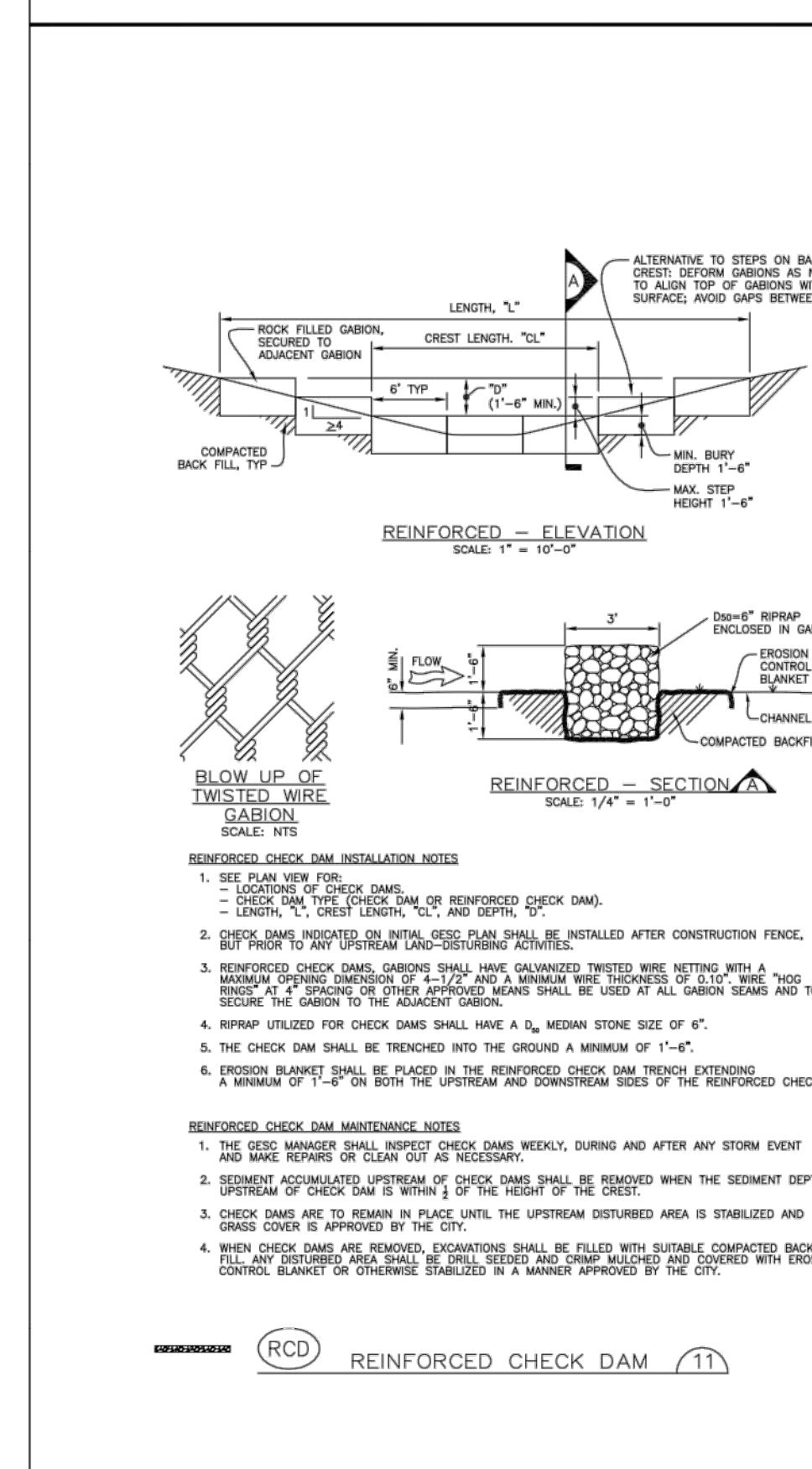
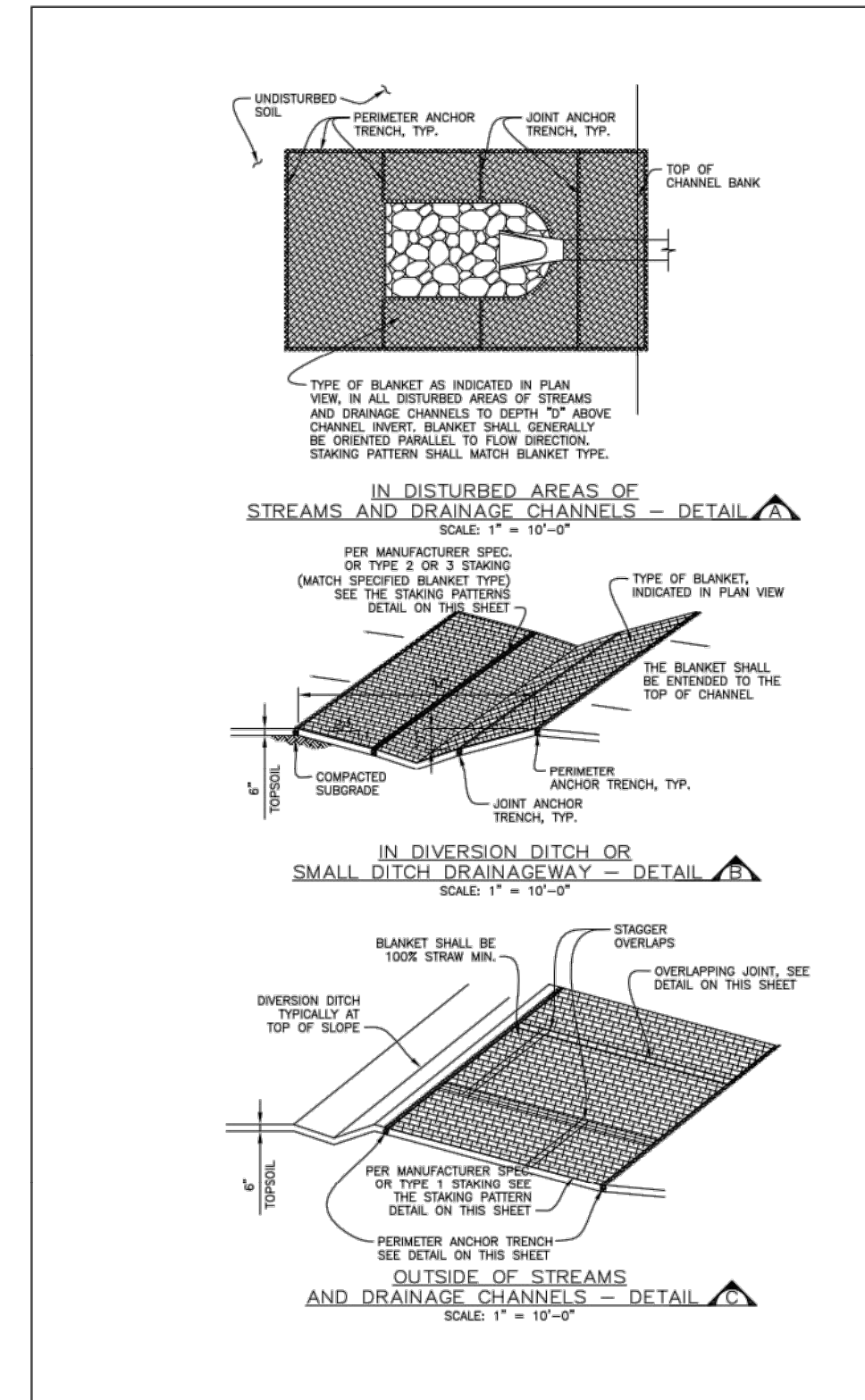
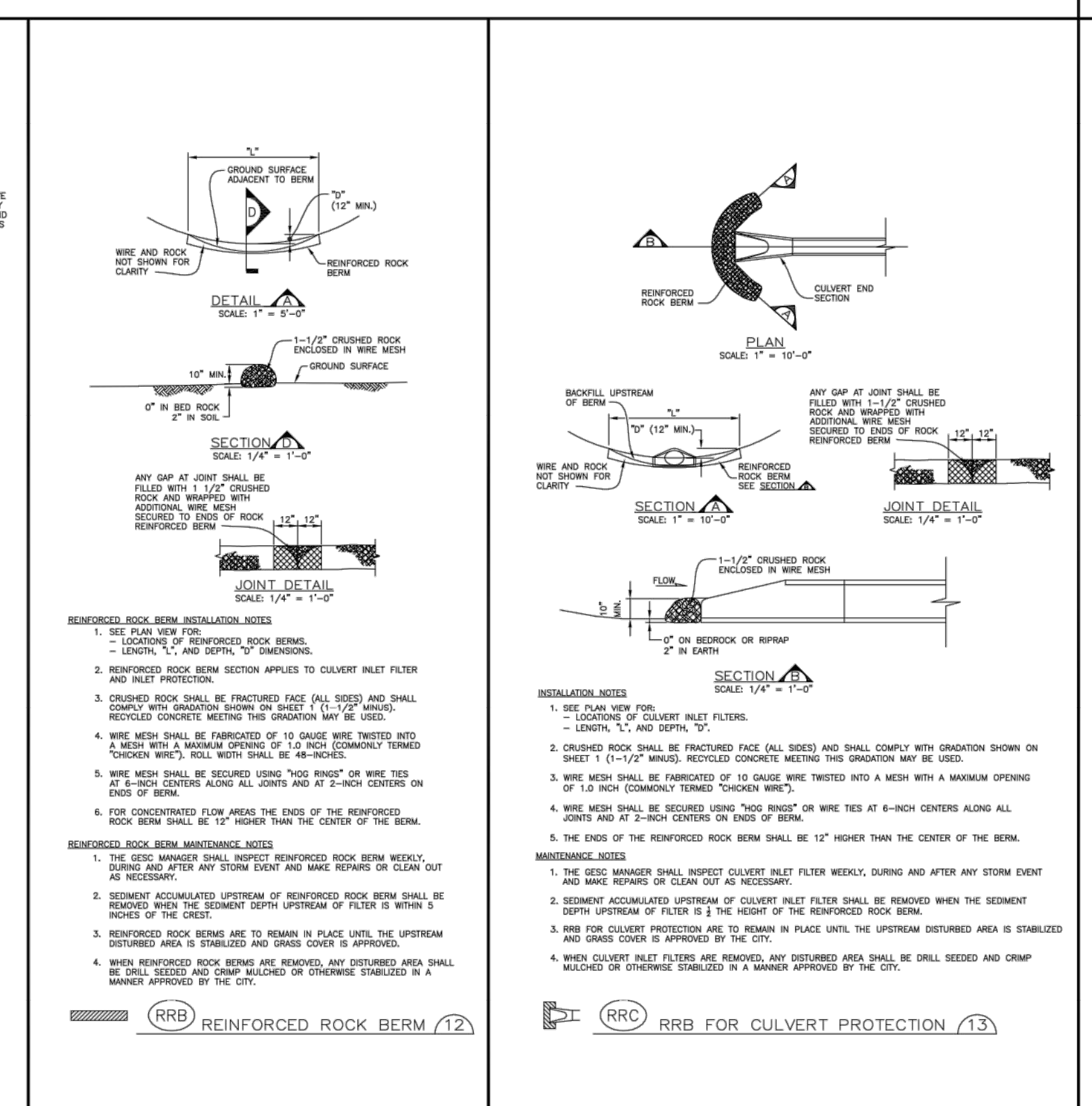
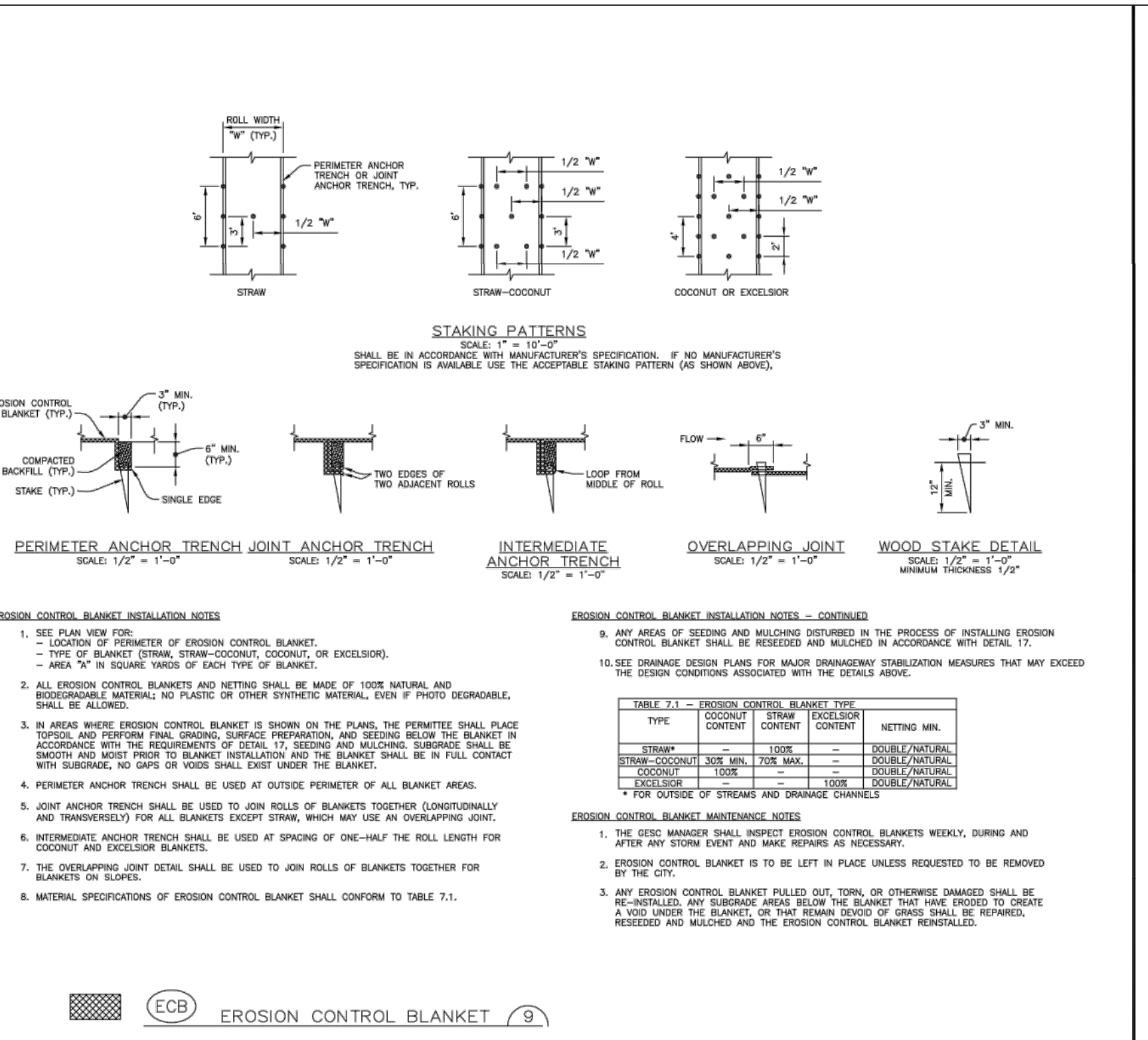
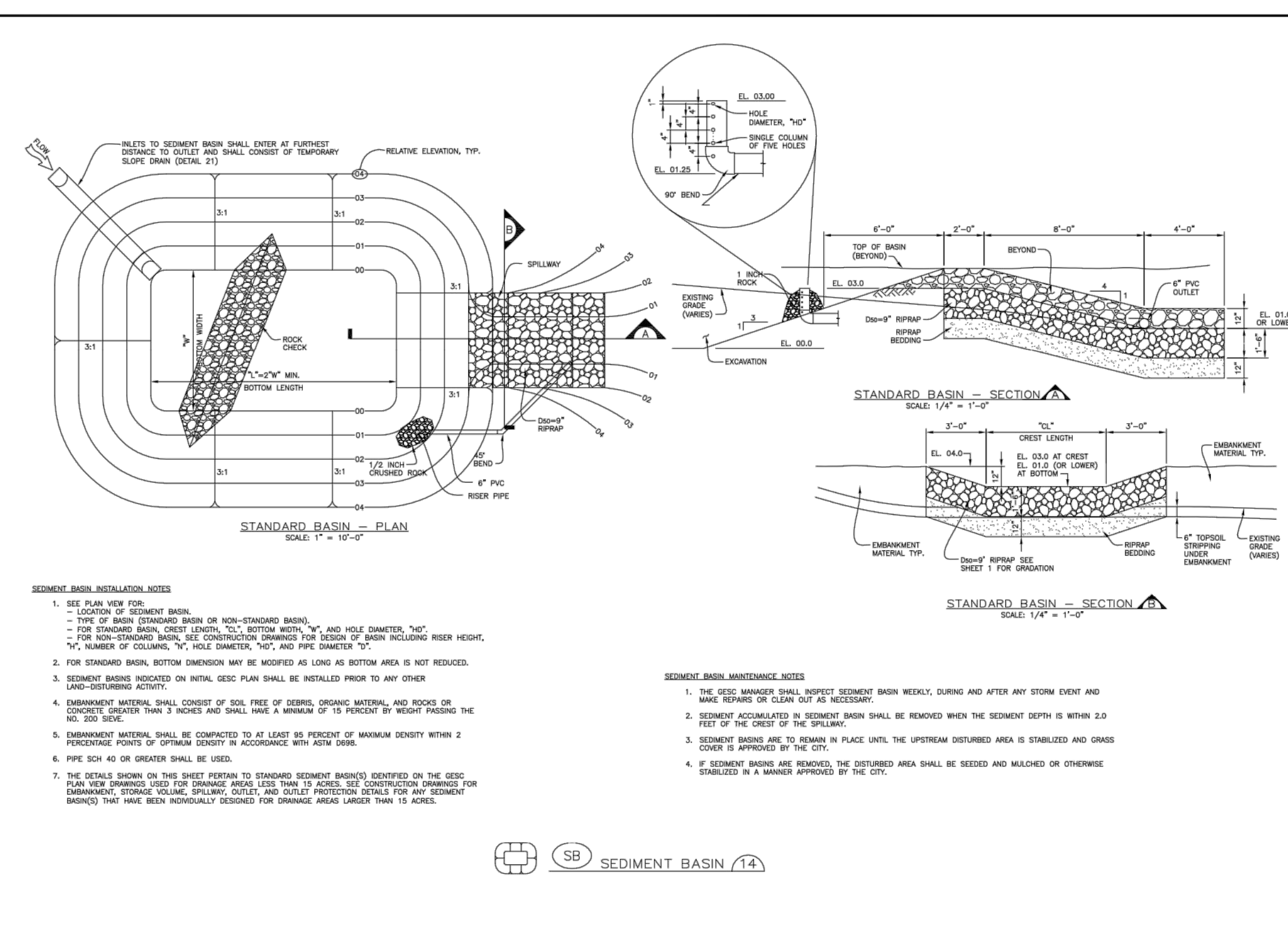
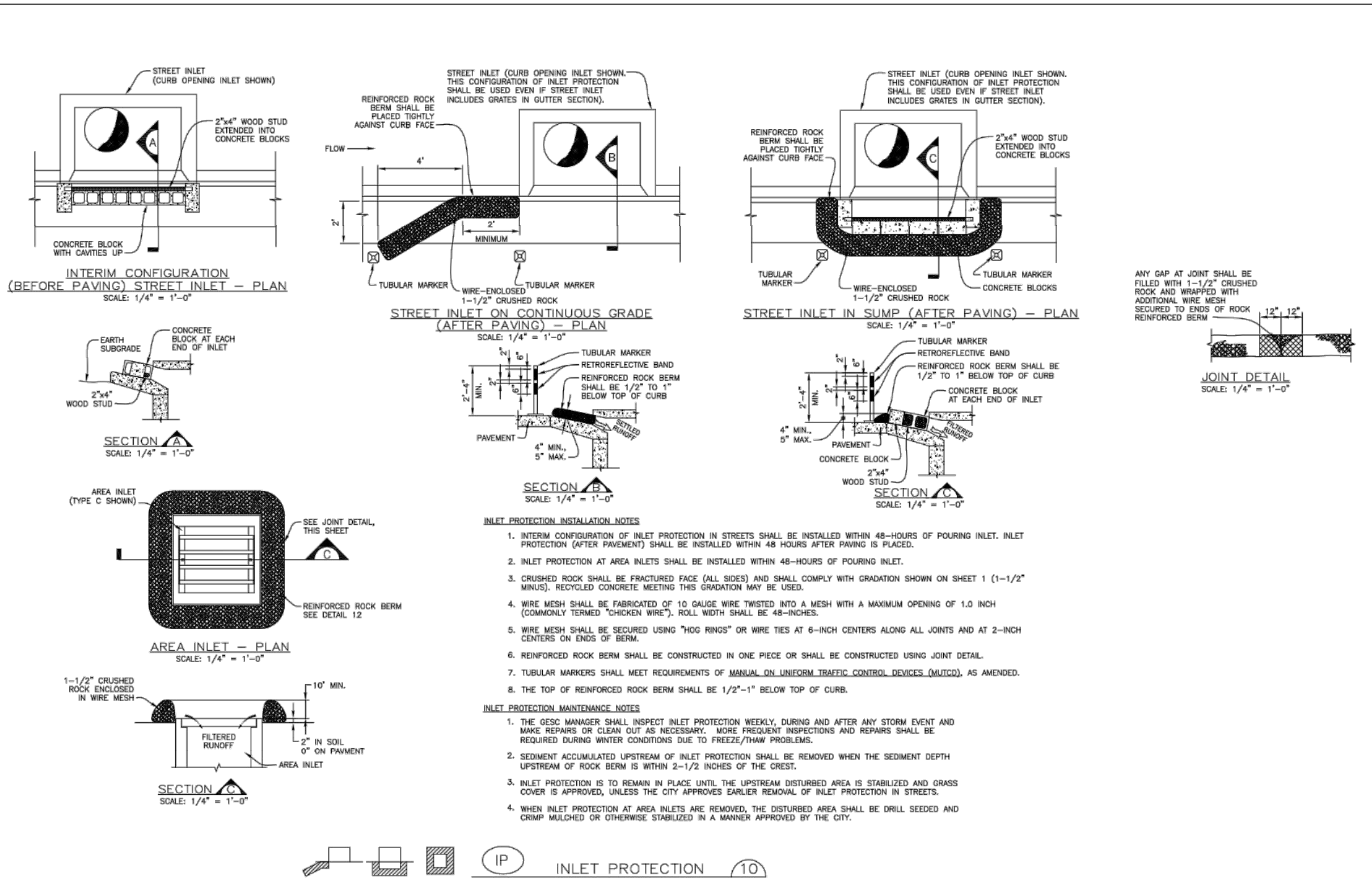
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GESC DETAIL 2

SHEET NUMBER
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Sheet Revisions

6/30/05	ADOPTED FROM DOUGLAS COUNTY GESC PLANS	MLP
5/ /08	EDIT UPDATES	GAW
11/ /08	ADD CURB SOCK DETAIL (REF UDFOD, V3 FIGURE C5-23), MISC. NOTE EDITS	GAW

NOTE: SCALES SHOWN ARE FOR 24"x36" SHEETS; ADJUST ACCORDINGLY FOR 11"x17" SHEETS.



GESC GRADING, EROSION, AND SEDIMENT CONTROL

GESC PLAN STANDARD NOTES AND DETAILS

SHEET 2 OF 3



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Sheet Revisions	
6/30/05	ADOPTED FROM DOUGLAS COUNTY GESC PLANS
5/ /08	EDIT UPDATES
11/ /08	ADD CURB SOCK DETAIL (REF UDFCD, V3 FIGURE CS-23), MISC. NOTE EDITS
12/ /09	UPDATE VTC & WW

MLP	GAW

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CITY OF LONE TREE
DEPARTMENT OF PUBLIC WORKS
Engineering Division

GESC GRADING, EROSION, AND SEDIMENT CONTROL

GESC PLAN STANDARD NOTES AND DETAILS

SHEET 3 OF 3

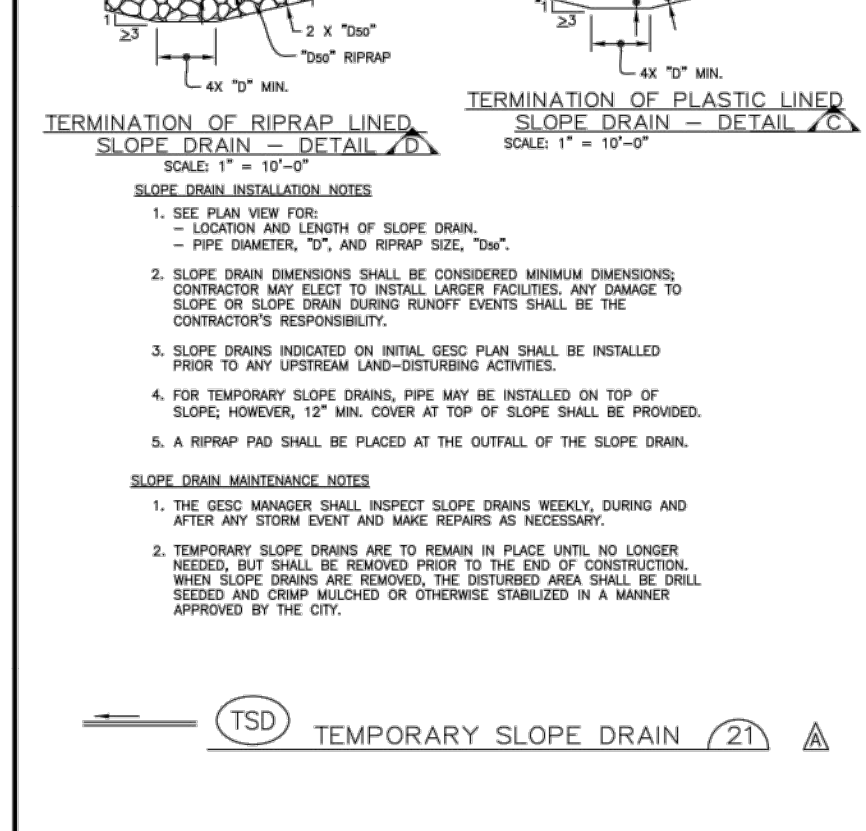
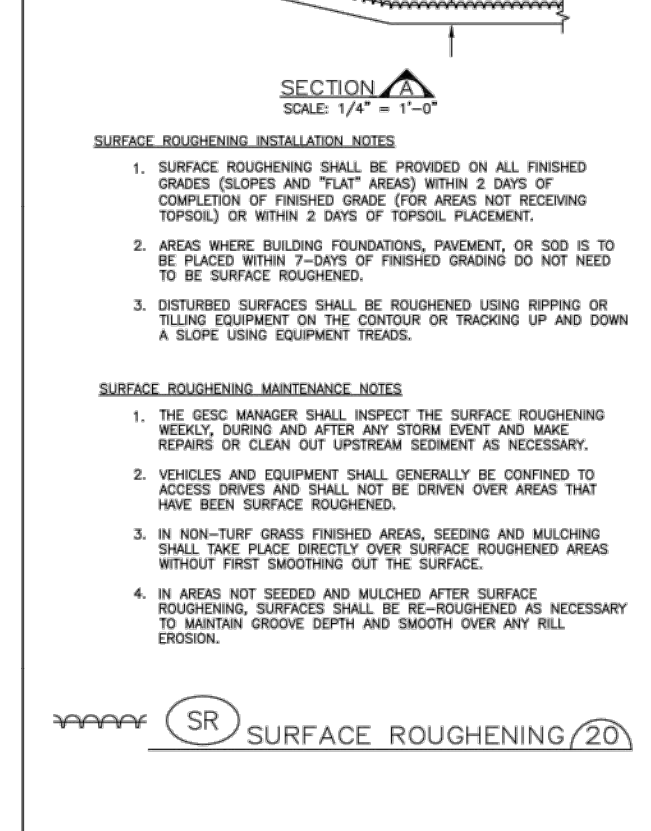
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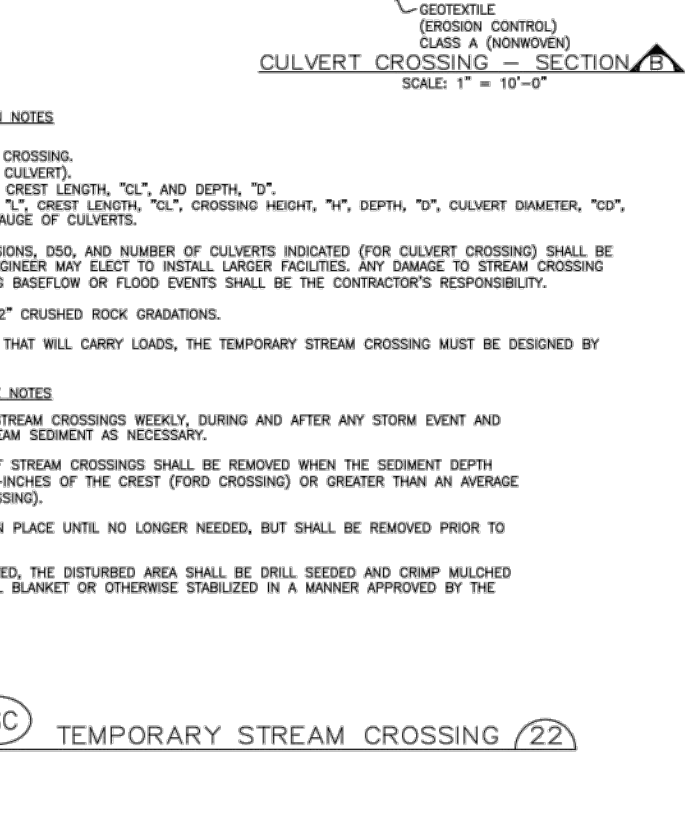
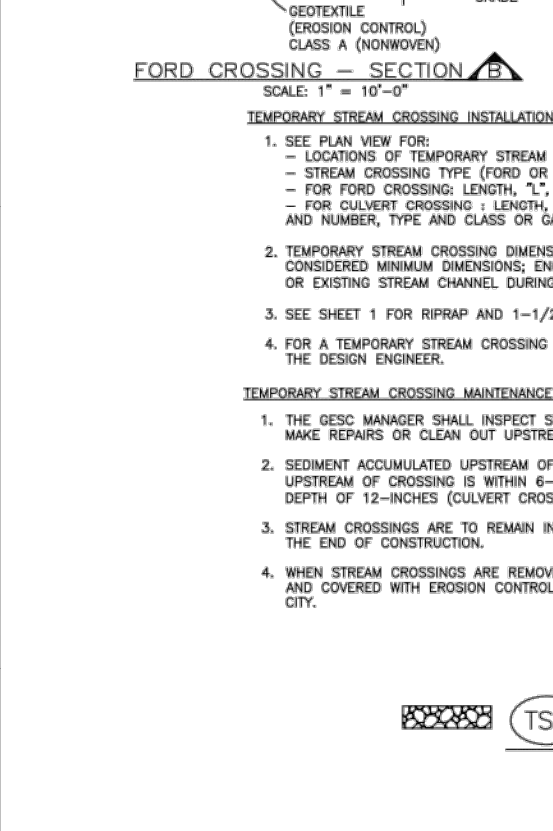
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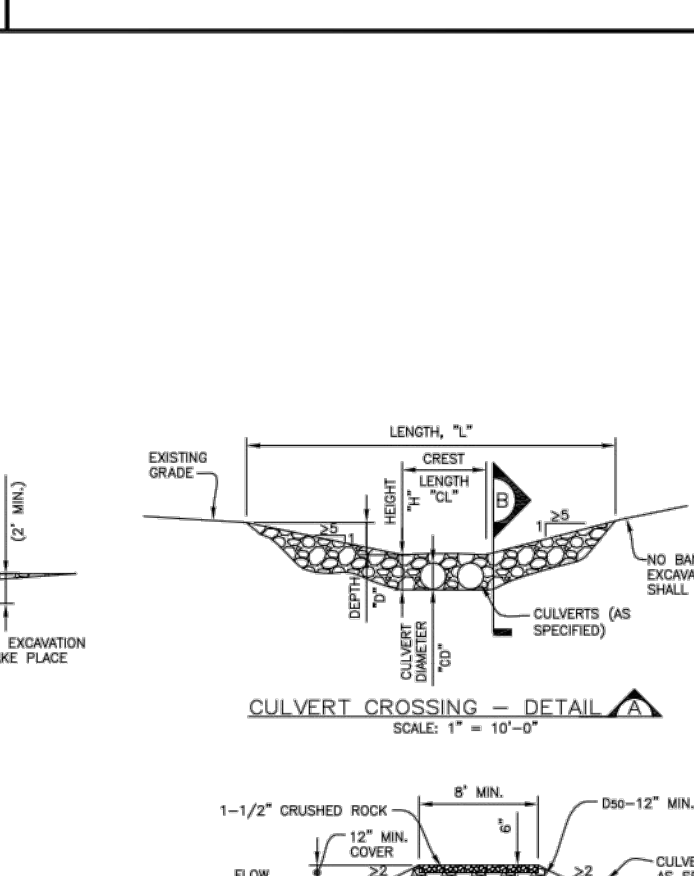
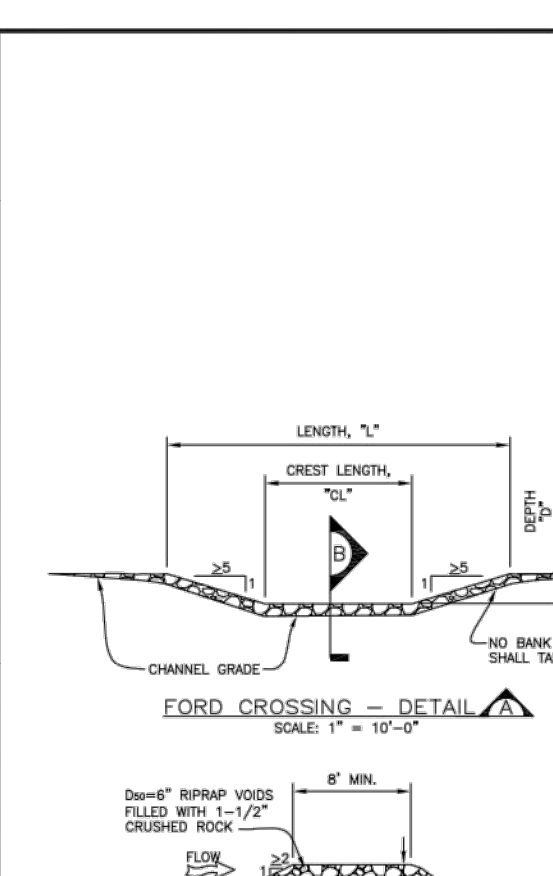
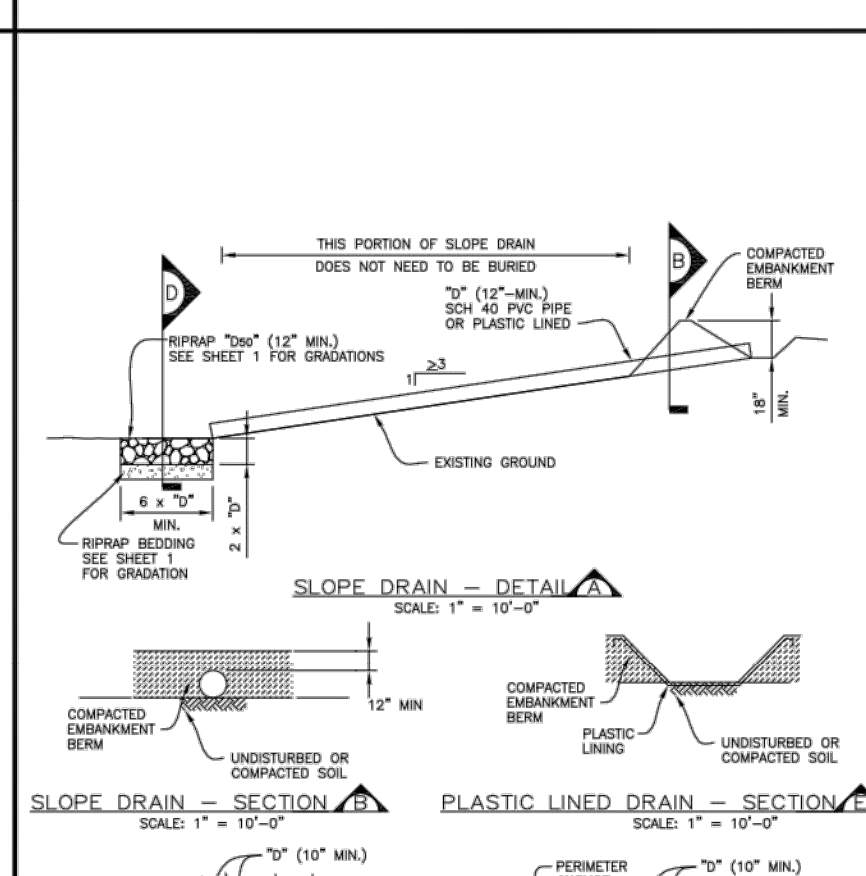
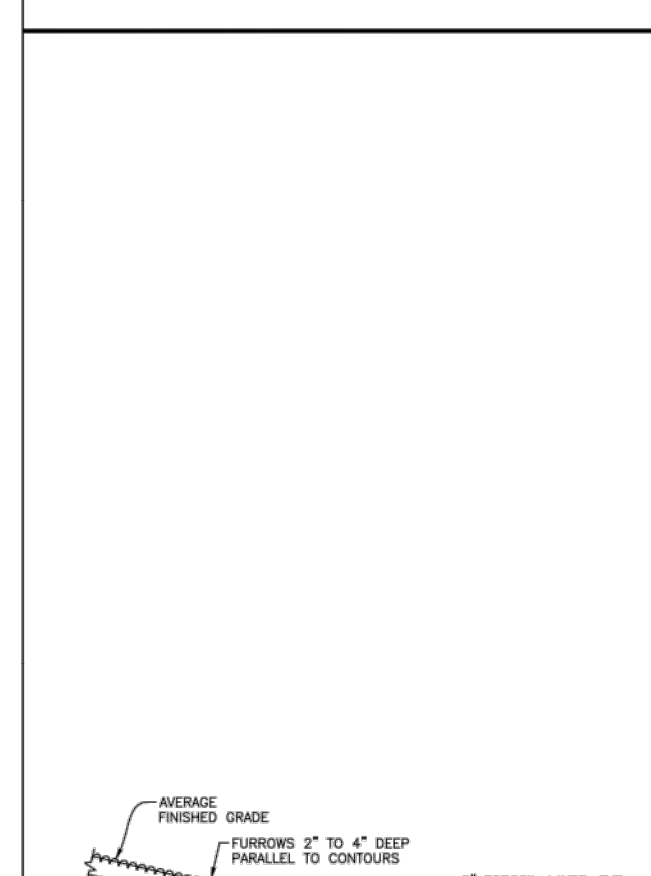
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SHEET
GESC DETAIL 3
SHEET NUMBER
C10.7
08 OF 08



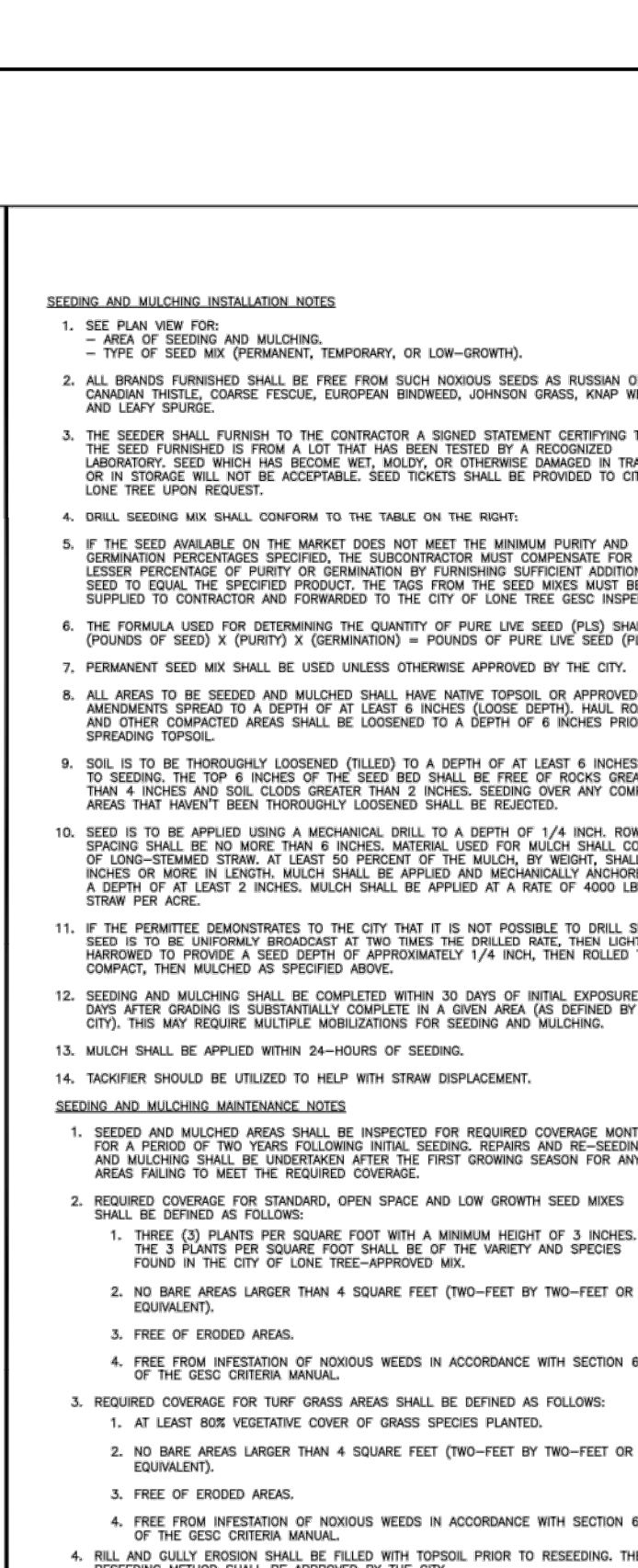
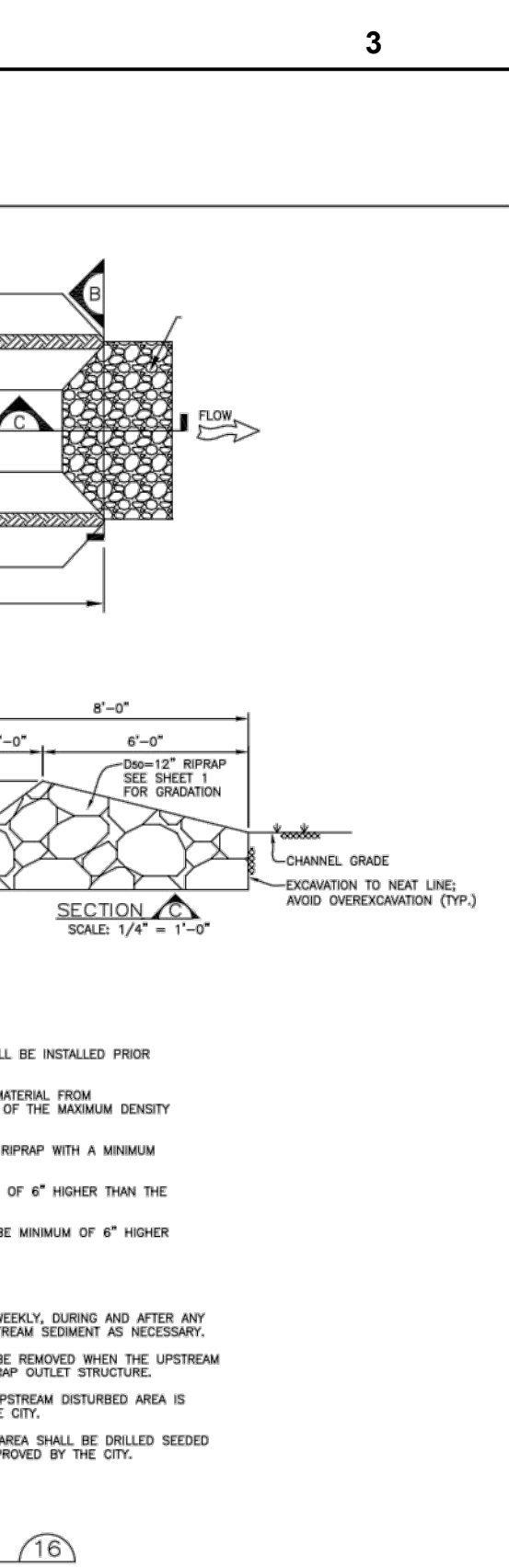
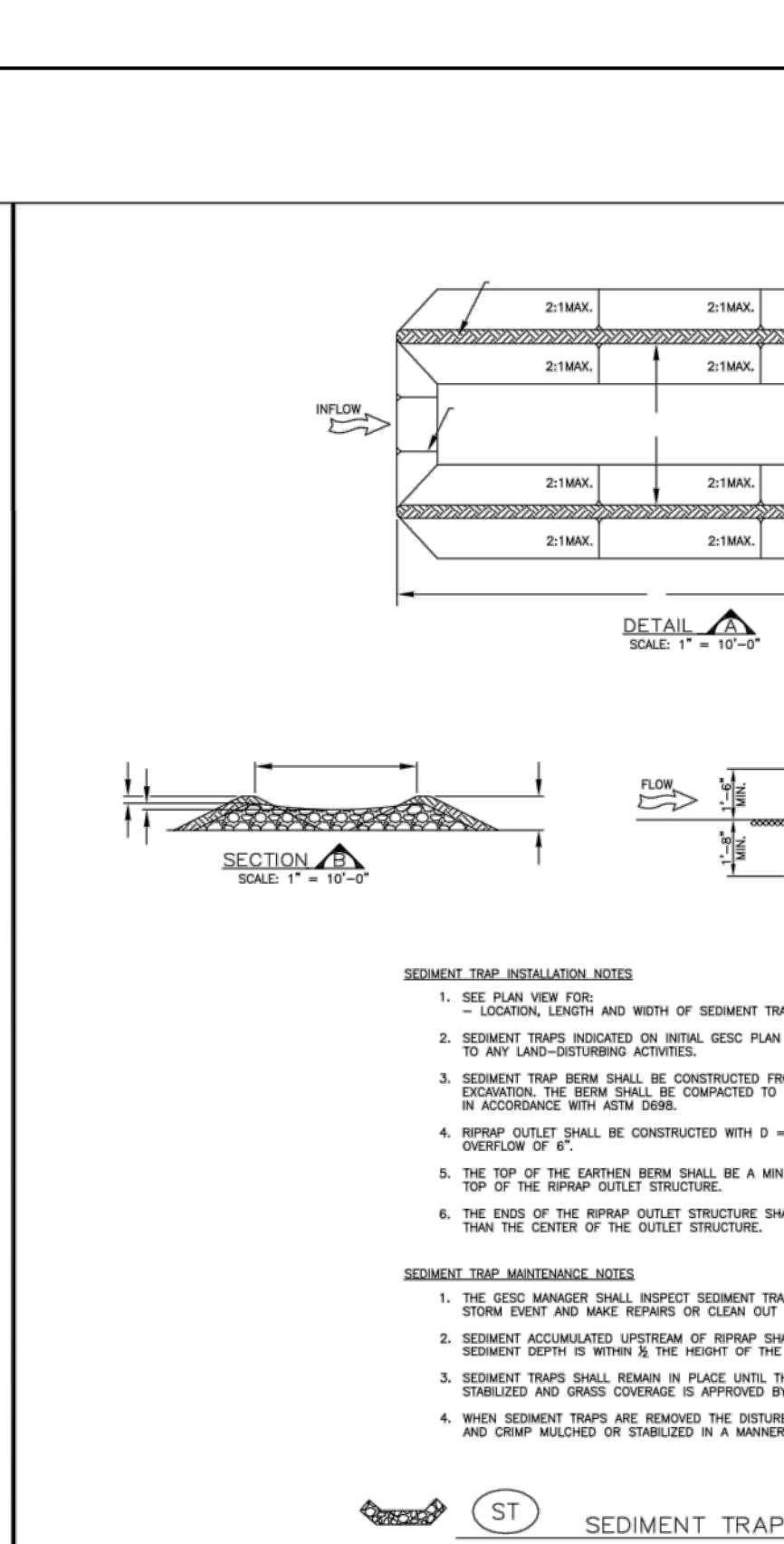
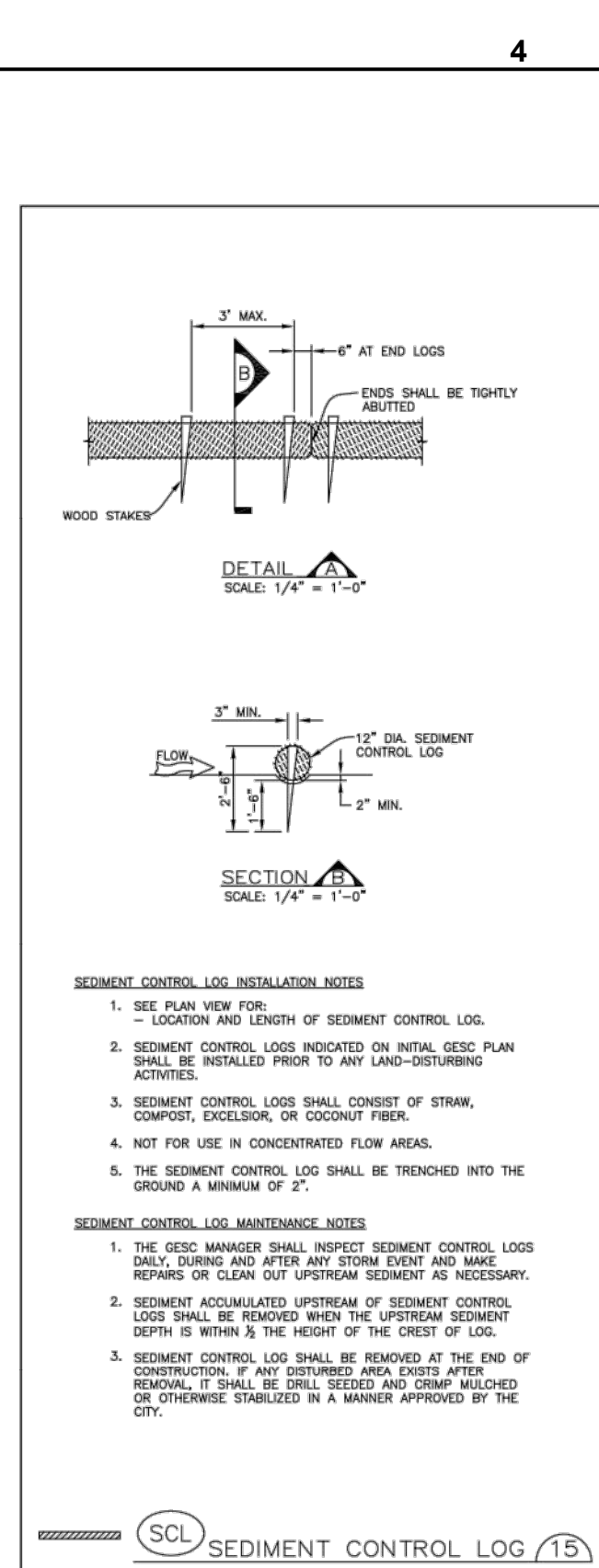
SR SURFACE ROUGHENING **(20)**
TSD TEMPORARY SLOPE DRAIN **(21)**



TSC TEMPORARY STREAM CROSSING **(22)**
CS CURB SOCK **(26)**
TER TERRACING **(23)**
VTC VEHICLE TRACKING CONTROL **(24)**
VTC WITH WHEEL WASH **(25)**



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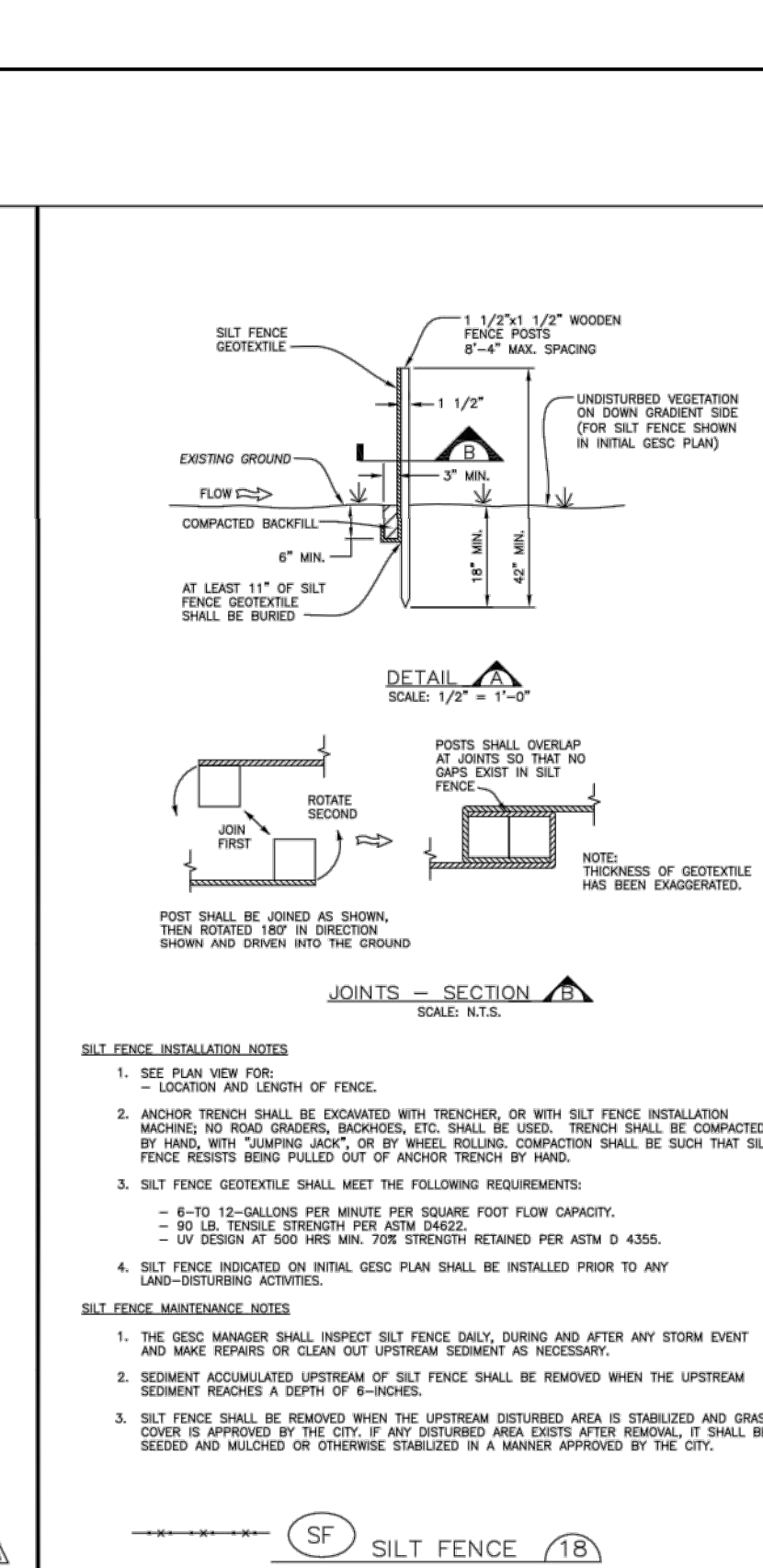
SCL SEDIMENT CONTROL LOG **(15)**
ST SEDIMENT TRAP **(16)**

SPECIES	VARIETY	NOTES	#, #L/MX	POUNDS OF PLS PER ACRE
BIG BLUESTEM	KAW	PMAB	10	1.1
YELLOW INDIANGRASS	CHEVENE	PMAB	10	1
SMITHS GRAMA	BLACKWELL	PMAB	10	0.4
SMITHS GRAMA	WAUGH	PMAB	10	0.9
WESTERN INDIANGRASS	ARRIBA	FNCS	10	1.6
BLUE GRAMA	HACHTA	PMAB	10	0.3
INDIANGRASS	CRITANA	FNCS	10	1
PRAIRIE SANDPEED	GOSEHEN	PMAB	10	0.7
GREEN NEELGRASS	LODOMA	FNCS	10	1
SLANDER INDIANGRASS	PNYOR	FNCS	5	0.6
STENANUM INDIANGRASS	SODAR	FNCS	5	0.6
TOTAL				9.2

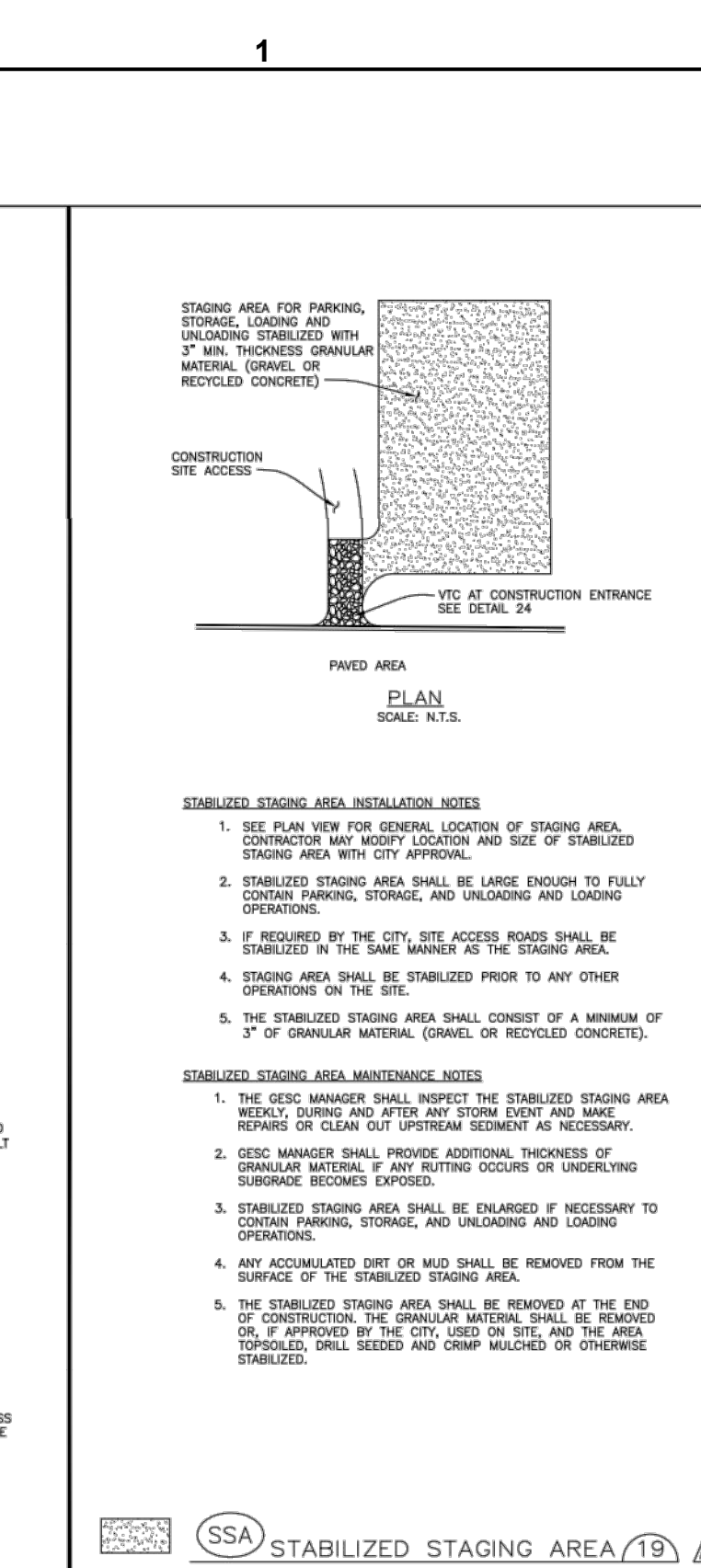
SPECIES	VARIETY	NOTES	#, #L/MX	POUNDS OF PLS PER ACRE
SMOOTH BROMEGRASS	LINDOLN	FNCS	30	3.9
WESTERN INDIANGRASS	OMIE	FNCS	30	4.5
PERENNIAL INDIANGRASS	LUNA	FNCS	30	4.2
ANNUAL REEDGRASS	N/A	ACB	10	1.6
TOTAL				13.4

SPECIES	VARIETY	NOTES	#, #L/MX	POUNDS OF PLS PER ACRE
BUFFALOGRASS	TEXOMA	PMAB	30	3.2
BLUE GRAMA	HACHTA	PMAB	30	0.6
WESTERN INDIANGRASS	ARRIBA	FNCS	30	3.2
SMITHS GRAMA	WAUGH	PMAB	30	1.6
INDIANGRASS	CRITANA	FNCS	10	1
STENANUM INDIANGRASS	SODAR	FNCS	10	1.2
TOTAL				11.0

SM SEEDING AND MULCHING **(17)**
SF SILT FENCE **(18)**



SF SILT FENCE **(18)**



SSA STABILIZED STAGING AREA **(19)**



5970 GREENWOOD PLAZA BLVD
GREENWOOD VILLAGE, CO 80111
303-751-0711

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



FOR AND ON BEHALF OF
MERRICK AND COMPANY