

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1

MAVERIK INC. STORE SITE PLAN

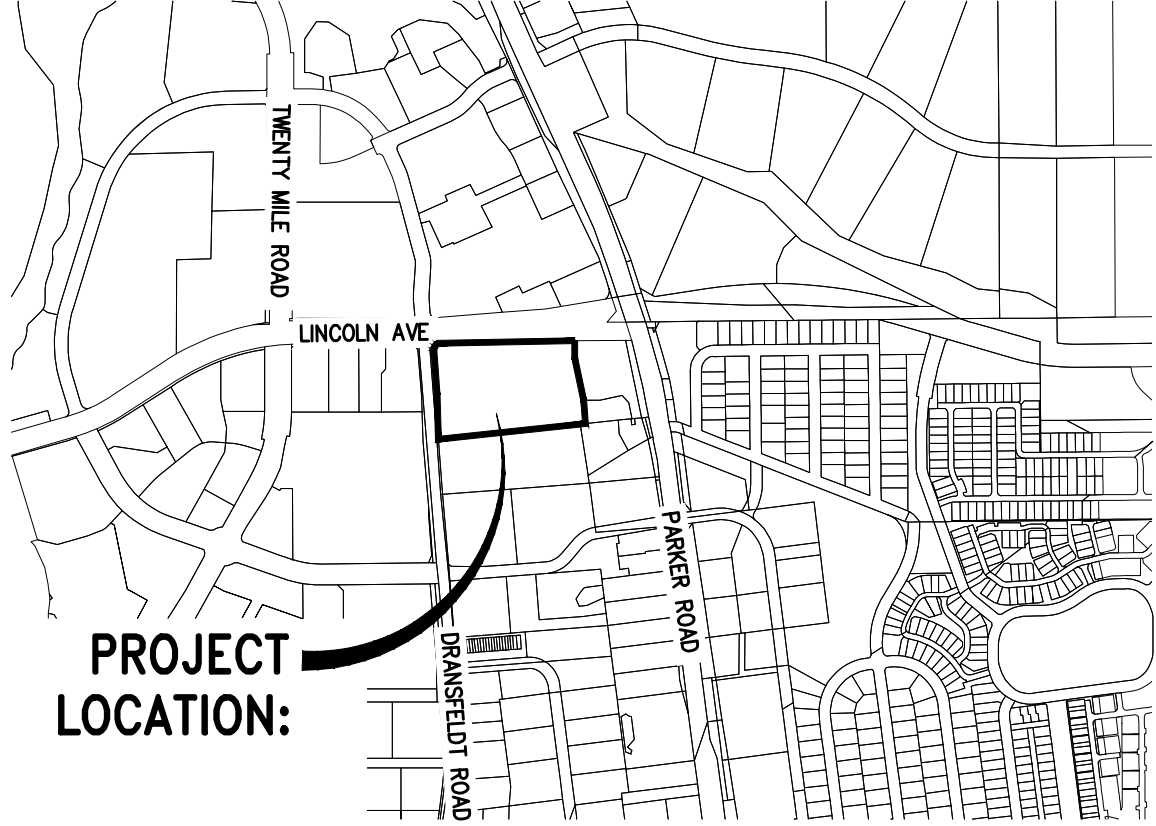
SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

LEGEND:

NEW SANITARY SEWER LINE	
EXT. SANITARY SEWER LINE	
NEW STORM DRAIN LINE	
EXT. STORM DRAIN LINE	
NEW WATER LINE	
EXIST. WATER LINE	
NEW & EXIST. CATCH BASIN	
NEW & EXIST. AREA DRAIN	
STORM DRAIN MANHOLE	
SANITARY SEWER MANHOLE	
NEW & EXIST. CLEANOUT (SD & SSWR)	
NEW ROOF DOWNSPOUT	
NEW & EXIST. GAS METER	
NEW & EXIST. FIRE HYDRANT	
NEW & EXIST. WATER METER	
NEW & EXIST. WATER VALVE	
FITTING WITH THRUST BLOCK	
SURFACE WATER & PIPE DIRECTION FLOW	
EXISTING CONTOUR	
NEW CONTOUR	
EXISTING SURFACE ELEVATION	
FINISHED SURFACE ELEVATION	
TOP OF WALL/TOE OF WALL	
RIP RAP	
NEW CEMENT CONCRETE	
COORDINATES, & LEADERS	
NEW CONCRETE CURB	
NEW CONCRETE CURB & GUTTER	

ABBREVIATIONS:

ACP	ASPHALT CONCRETE PAVEMENT	GV	GATE VALVE
AD	AREA DRAIN	HDPE	HIGH DENSITY POLYETHYLENE
BLDG	BUILDING	HYD	HYDRANT
BM	BENCHMARK	I.E.	INVERT ELEVATION
BNDRY	BOUNDARY	INV	INVERT
BOW	BOTTOM OF WALL	IRR	IRRIGATION WATER
CTV	CABLE TV	LF	LINEAR FEET
C&G	CURB AND GUTTER	MH	MANHOLE
CB	CATCH BASIN	MJ	MECHANICAL JOINT
CL	CLASS	P	POWER
CL	CENTER LINE	PIV	POST INDICATOR VALVE
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CONC.	CONCRETE	PL	PROPERTY LINE
CPEP	CORRUGATED POLYETHYLENE PIPE	RAD (R)	RADIUS
CTR	CENTER(ED)	RCP	REINFORCED CONCRETE PIPE
DCVA	DOUBLE CHECK VALVE ASSEMBLY	RD	ROAD
DDCV	DOUBLE DETECTOR CHECK VALVE	RET	RETAINING
D.I.	DUCTILE IRON	ROW	RIGHT OF WAY
DIA (ø)	DIAMETER	SD	STORM DRAIN
DIM	DIMENSION	S.F.	SQUARE FEET
DS	DOWN SPOUT	SS	SANITARY SEWER
EL.=	ELEVATION	STA	STATION
EOP	EDGE OF PAVEMENT	TOE	TOE OF WALL, OR SLOPE
FD	FLOOR DRAIN	T	TELEPHONE WIRE
FDC	FIRE DEPARTMENT CONNECTION	TBM	TEMPORARY BENCH MARK
FFE	FINISH FLOOR ELEVATION	T.C.	TOP OF CURB
FH	FIRE HYDRANT FL FLANGED	TG	TOP OF GRATE
G	GAS MAIN	TOP	TOP OF SLOPE
GB	GRADE BREAK	TOW	TOP OF WALL
GM	GAS METER	TV	TELEVISION WIRE
GRD	GRADE		



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LEGAL DESCRIPTION

A PARCEL OF LAND SITUATED IN THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 15;
THENCE SOUTH 83°44'03" EAST, A DISTANCE OF 846.76 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF LINCOLN AVENUE AND THE POINT OF BEGINNING;

THENCE NORTH 89°29'00" EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 697.77 FEET TO THE NORTHWEST CORNER OF LOT 1, PEASLEE SUBDIVISION FILING NO. 1, RECORDED AT RECEPTION NO. 99104313;
THENCE ALONG THE WEST LINE OF SAID LOT 1 THE FOLLOWING TWO (2) COURSES:

- 1) SOUTH 00°31'00" EAST, A DISTANCE OF 89.84 FEET;
- 2) SOUTH 11°49'46" EAST, A DISTANCE OF 225.08 FEET TO THE NORTHWEST CORNER OF LOT 1, PEASLEE SUBDIVISION FILING NO. 2, RECORDED AT RECEPTION NO. 2005085666;

THENCE SOUTH 05°51'51" EAST ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 120.83 FEET TO A POINT ON THE NORTH LINE OF LOT 1B, PARKER PROFESSIONAL PARK FIRST AMENDMENT, RECORDED AT RECEPTION NO. 8725509;

THENCE SOUTH 84°07'50" WEST ALONG SAID NORTH LINE, A DISTANCE OF 24.51 FEET TO THE NORTHEAST CORNER OF LOT 1, BLOCK 1 E.T. TECHNOLOGIES INC., RECORDED AT RECEPTION NO. 2002093991;

THENCE ALONG SAID NORTH LINE THE FOLLOWING TWO (2) COURSES:

- 1) SOUTH 82°44'13" WEST, A DISTANCE OF 163.50 FEET;
- 2) SOUTH 84°51'34" WEST, A DISTANCE OF 577.15 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF DRANSFELDT ROAD DEEDED BY RECEPTION NO. 2002088425 AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG SAID EAST RIGHT-OF-WAY LINE THE FOLLOWING SIX (6) COURSES:

- 1) ALONG THE ARC OF SAID CURVE TO THE RIGHT AN ARC LENGTH OF 25.79 FEET, SAID CURVE HAVING A RADIUS OF 660.00 FEET, A CENTRAL ANGLE OF 02°14'19" AND A CHORD WHICH BEARS NORTH 02°20'42" WEST A CHORD DISTANCE OF 25.79 FEET;
- 2) NORTH 01°13'32" WEST, A DISTANCE OF 165.71 FEET TO A POINT OF CURVATURE;
- 3) ALONG THE ARC OF SAID CURVE TO THE LEFT AN ARC LENGTH OF 43.04 FEET, SAID CURVE HAVING A RADIUS OF 740.00 FEET, A CENTRAL ANGLE OF 03°19'57", AND A CHORD WHICH BEARS NORTH 02°53'30" WEST A CHORD DISTANCE OF 43.03 FEET;
- 4) NORTH 04°33'29" WEST, A DISTANCE OF 217.83 FEET TO A POINT OF CURVATURE;
- 5) ALONG THE ARC OF SAID CURVE TO THE RIGHT AN ARC LENGTH OF 49.23 FEET, SAID CURVE HAVING A RADIUS OF 30.00 FEET, A CENTRAL ANGLE OF 94°01'51", AND A CHORD WHICH BEARS NORTH 42°27'27" EAST A CHORD DISTANCE OF 43.89 FEET;
- 6) NORTH 04°33'21" WEST, A DISTANCE OF 15.04 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 346,479 SQUARE FEET OR 7.95 ACRES, MORE OR LESS

BASIS OF BEARING

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN. AS MONUMENTED AT BOTH THE NORTHWEST QUARTER CORNER AND THE NORTH QUARTER CORNER BY 3.25" ALUMINUM CAPS, ASSUMED TO BEAR SOUTH 89°29'00" WEST.

VERTICAL DATUM/BENCHMARK:

BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.

SITE DATA:			
ZONING: COMMERCIAL			
LAND USE	(SF)	(AC)	(% TOTAL)
BUILDING AREA/FUEL CANOPY	10,429	0.24	17.65%
INTERNAL DRIVES/PARKING	27,750	0.64	46.96%
SIDEWALKS	5,302	0.12	8.97%
LANDSCAPE	15,614	0.36	26.42%
TOTAL	59,095	1.36	100.00%
PARKING		REQUIRED	PROVIDED
VEHICLE STALLS		24	29
ADA/VAN ACCESSIBLE STALLS		2	2
TOTAL STALLS		26	31
BICYCLE PARKING		2	2

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

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

TOWN OF PARKER, DIRECTOR OF ENGINEERING

DATE

CONTRACTOR NOTE:

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.



AR DP XX-XXXXX

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

No.	Date	Description

NOTE:
Bid documents should not be separated or issued as partial sets to subcontractors. Bidders are responsible for all portions of the documents that pertain to work covered by sub-bids. Bidder assumes full responsibility for error or misinterpretations resulting from partial sets of Bidding Documents by itself or any sub-bidder.

Conflicting information or errors found in the construction documents should be brought to the attention of the architect immediately. In the event of a conflict in the drawings, bidder should not assume the least expensive option will meet the project requirements.



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COVER SHEET

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STORM INFRASTRUCTURE NOTES:

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

STANDARD CONSTRUCTION NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION OF THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE GRADING PERMIT AND ALL OTHER NECESSARY PERMITS HAVE BEEN OBTAINED.
- THE TOWN INSPECTOR SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION. IF A TOWN INSPECTOR IS NOT AVAILABLE AFTER PROPER NOTICE OF CONSTRUCTION ACTIVITY HAS BEEN PROVIDED, THE PERMITTEE MAY COMMENCE WORK IN THE TOWN INSPECTOR'S ABSENCE. HOWEVER, THE TOWN OF PARKER RESERVES THE RIGHT TO REJECT THE IMPROVEMENT IF SUBSEQUENT TESTING REVEALS AN IMPROPER INSTALLATION.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS. THE CONTRACTOR SHALL FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER DIRECTOR OF ENGINEERING/PUBLIC WORKS, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES.
- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT-OF-WAY USE PERMIT APPLICATION. A PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR USE DURING CONSTRUCTION.
- ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION."
- COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE DEVELOPMENT REVIEW ENGINEER IN PRELIMINARY FORM PRIOR TO PAVING AND IN FINAL FORM PRIOR TO PROBATIONARY ACCEPTANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE PLAN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH APPROVAL FROM THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
- PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK. PLANS SHALL BE RESUBMITTED TO THE TOWN FOR APPROVAL AFTER 1 YEAR. THE COST OF THE PLAN RE-REVIEW AND RE-ACCEPTANCE WILL BE CHARGED BACK TO THE DEVELOPER INCLUDING ALL TIME AND EXPENSES OF THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
- REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR. SUCH RESTORATION MAY BE REQUIRED TO BE COMPLETED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
- ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
- ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION, WQCD-PE-B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO 80222-1530. ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692-3500.
- IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.
- ALL REFERENCES TO BOOKS, PAGES, MAPS, AND RECEPTION NUMBER ARE PUBLIC DOCUMENTS ON FILE WITH THE COUNTY CLERK AND RECORDER'S OFFICE.

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

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PROJECT NUMBER

21-122-0001

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PARKER, CO

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PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
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NOTES SHEET



AR DP XX-XXXX

March 10, 2022

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PARKER, CO



EXISTING CONDITION BASED ON
SURVEY INFO PROVIDED BY
ROSENBERG AND ASSOCIATES
MAY 4, 2020

EXISTING CONDITIONS

3 OF 17

A PARCEL OF LAND SITUATED IN THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 15;
THENCE SOUTH 83°44'03" EAST, A DISTANCE OF 846.76 FEET TO A POINT ON THE SOUTH
RIGHT-OF-WAY LINE OF LINCOLN AVENUE AND THE POINT OF BEGINNING;

THENCE NORTH 89°29'00" EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 697.77 FEET TO THE NORTHWEST CORNER OF LOT 1, PEASLEE SUBDIVISION FILING NO. 1, RECORDED AT RECEPTION NO. 99104313;

THENCE ALONG THE WEST LINE OF SAID LOT 1 THE FOLLOWING TWO (2) COURSES

- 1) SOUTH 00°31'00" EAST, A DISTANCE OF 89.84 FEET;
- 2) SOUTH 11°49'46" EAST, A DISTANCE OF 225.08 FEET TO THE NORTHWEST CORNER OF LOT 1, PEASLEE SUBDIVISION FILING NO. 2, RECORDED AT RECEPTION NO. 2005085666;

THENCE SOUTH 05°51'51" EAST ALONG THE WEST LINE OF SAID LOT 1, A DISTANCE OF 120.83 FEET TO A POINT ON THE NORTH LINE OF LOT 1B, PARKER PROFESSIONAL PARK FIRST AMENDMENT, RECORDED AT RECEPTION NO. 8725509;

THENCE SOUTH 84°07'50" WEST ALONG SAID NORTH LINE, A DISTANCE OF 24.51 FEET TO THE NORTHEAST CORNER OF LOT 1, BLOCK 1 E.T. TECHNOLOGIES INC., RECORDED AT RECEPTION NO. 2002093991;

THENCE ALONG SAID NORTH LINE THE FOLLOWING TWO (2) COURSES:

- 1) SOUTH 82°44'13" WEST, A DISTANCE OF 163.50 FEET;
- 2) SOUTH 84°51'34" WEST, A DISTANCE OF 577.15 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF DRANSFELDT ROAD DECEDED BY RECEPTION NO. 2002088425 AND A POINT OF NON-TANGENT CURVATURE:

THENCE ALONG SAID EAST RIGHT-OF-WAY LINE THE FOLLOWING SIX (6) COURSES

- 1) ALONG THE ARC OF SAID CURVE TO THE RIGHT AN ARC LENGTH OF 25.79 FEET, SAID CURVE HAVING A RADIUS OF 660.0 FEET, A CENTRAL ANGLE OF 02°14'19" AND A CHORD WHICH BEARS NORTH 02°20'42" WEST A CHORD DISTANCE OF 25.79 FEET;
- 2) NORTH 01°13'32" WEST, A DISTANCE OF 165.71 FEET TO A POINT OF CURVATURE;
- 3) ALONG THE ARC OF SAID CURVE TO THE LEFT AN ARC LENGTH OF 43.04 FEET, SAID CURVE HAVING A RADIUS OF 740.0 FEET, A CENTRAL ANGLE OF 03°19'57", AND A CHORD WHICH BEARS NORTH 02°53'30" WEST A CHORD DISTANCE OF 43.03 FEET;
- 4) NORTH 04°33'29" WEST, A DISTANCE OF 217.83 FEET TO A POINT OF CURVATURE;
- 5) ALONG THE ARC OF SAID CURVE TO THE RIGHT AN ARC LENGTH OF 49.23 FEET, SAID CURVE HAVING A RADIUS OF 30.0 FEET, A CENTRAL ANGLE OF 04°01'51", AND A CHORD WHICH BEARS NORTH 42°27'27" EAST A CHORD DISTANCE OF 43.89 FEET;
- 6) NORTH 04°33'21" WEST, A DISTANCE OF 15.04 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 346,479 SQUARE FEET OR 7.95 ACRES, MORE OR LESS

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN. AS MONUMENTED AT BOTH THE NORTHWEST QUARTER CORNER AND THE NORTH QUARTER CORNER BY 3.25" ALUMINUM CAPS, ASSUMED TO BEAR SOUTH 89°29'00" WEST.

BENCHMARK IS THE NW CORNER SECTION 15, 16S S R66W, BEING A 3.5 ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.

HARRIS KOCHER SMITH
1120 LINCOLN STREET, SUITE 1000
DENVER, CO 80203
PHONE: 303-623-6300
BRANDON E. ANDERSON, PLS 38484

DATE OF SURVEY: AUGUST 11, 2021

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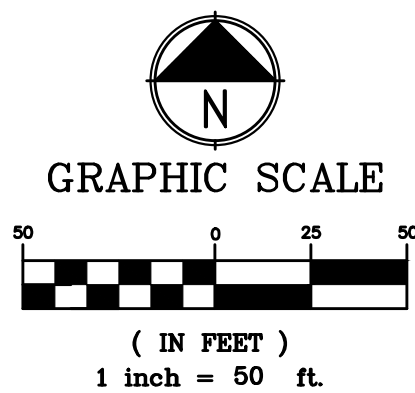
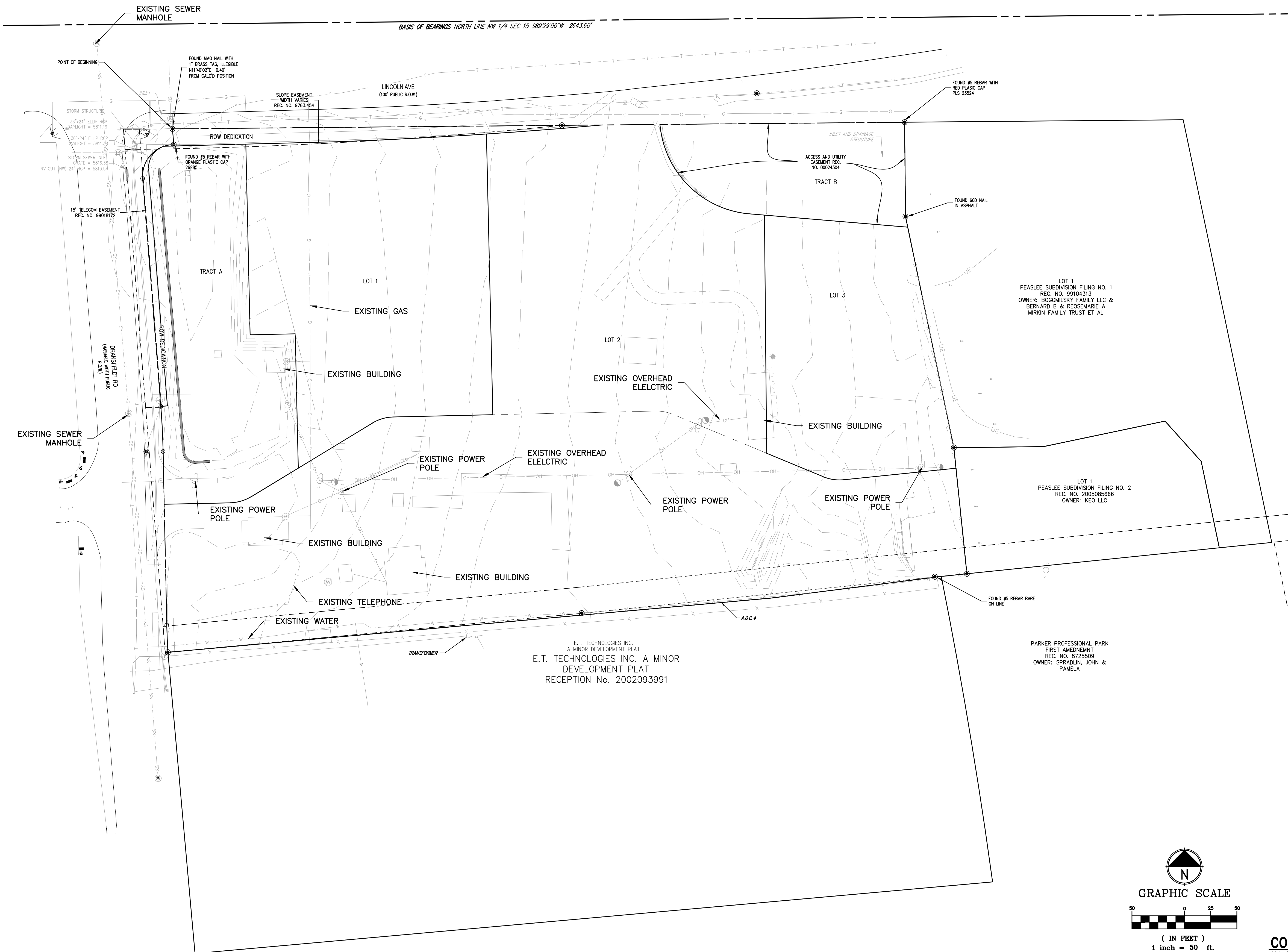
TOWN OF PARKER, DIRECTOR OF ENGINEERING

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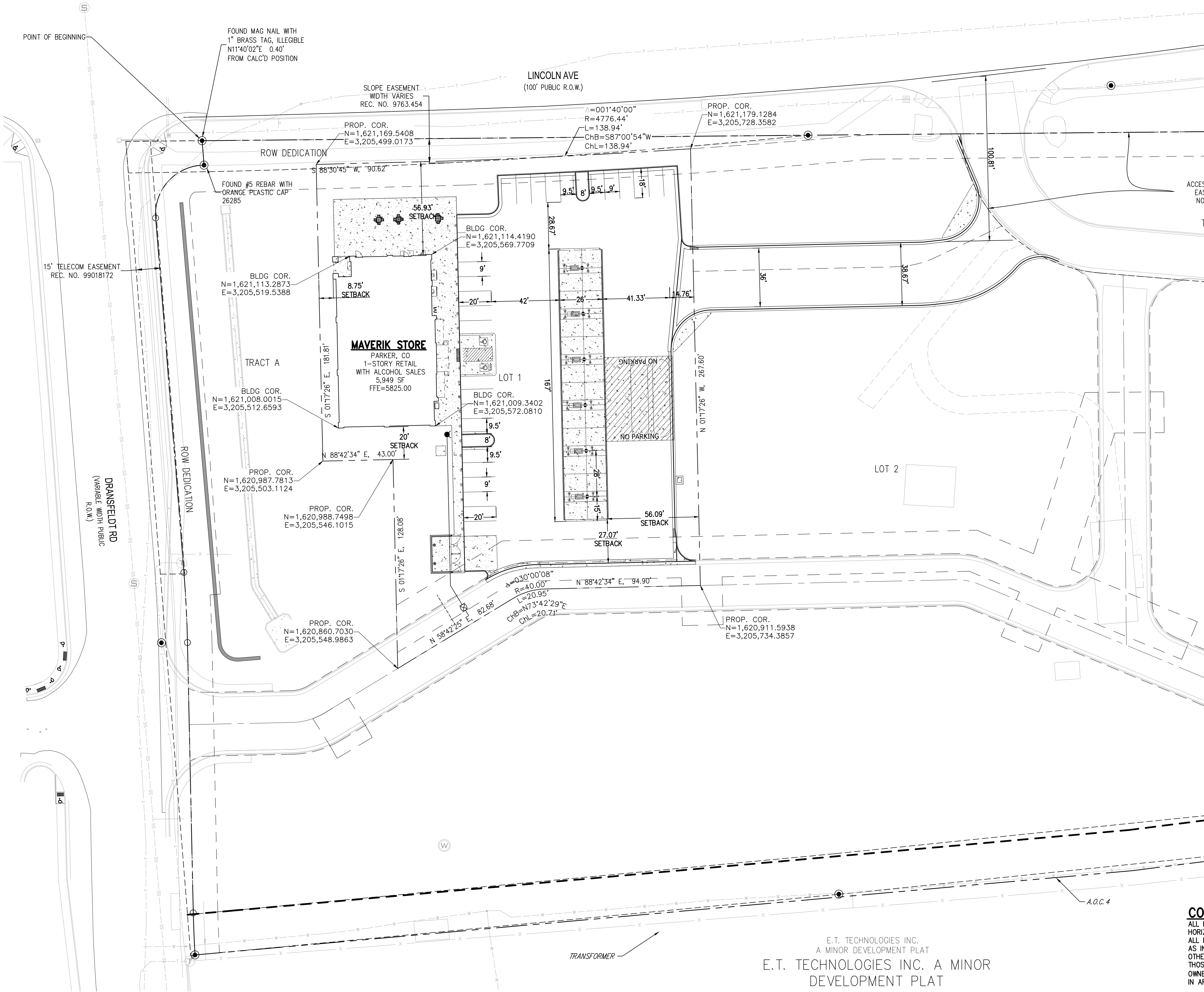
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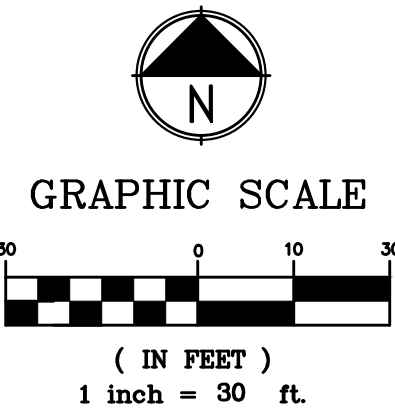
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HORIZONTAL
CONTROL PLAN



BASIS OF BEARING

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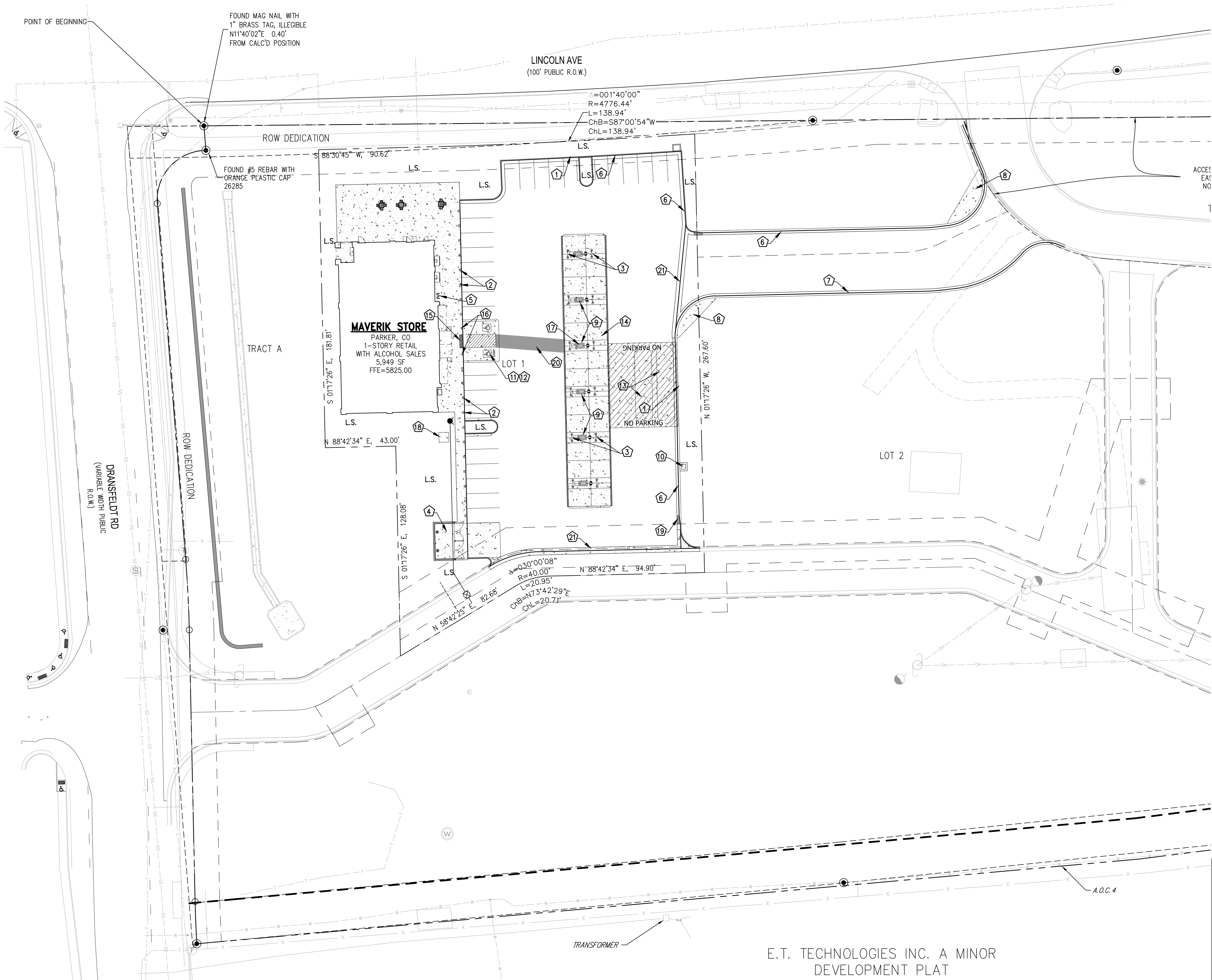
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AR DP XX-XXXX

E.T. TECHNOLOGIES INC.
A MINOR DEVELOPMENT PLAT
E.T. TECHNOLOGIES INC. A MINOR
DEVELOPMENT PLAT

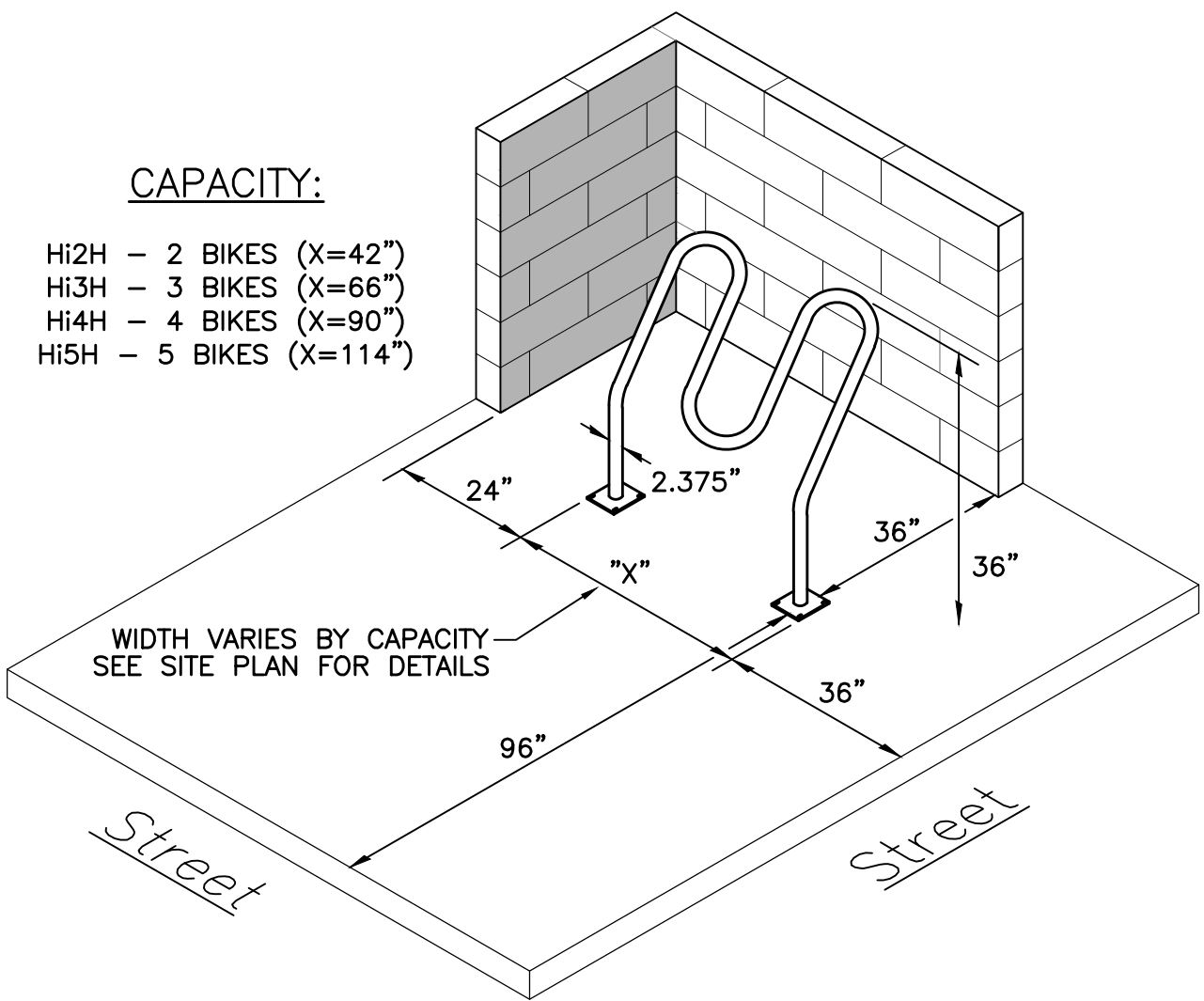


KEYED NOTES:

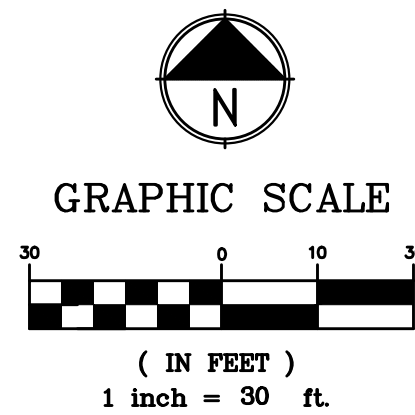
- 1 NEW LIGHT POLE AND BASE PER MAVERIK STANDARD DETAIL SF-6
- 2 NEW REBOUNDING BOLLARDS IN FRONT OF EACH PARKING SPACE ALONG THE FACE OF BUILDING PER MAVERIK STANDARD DETAIL SF-4
- 3 NEW HOOP BOLLARDS PER MAVERIK STANDARD DETAIL SF-2
- 4 NEW TRASH ENCLOSURE PER DETAILS 1-3
- 5 NEW HI-ROLLER BIKE RACK PER MAVERIK STANDARD DETAIL SF-8
- 6 NEW CATCH CURB AND GUTTER PER MAVERIK STANDARD DETAIL C-6
- 7 NEW SPILL CURB AND GUTTER PER MAVERIK STANDARD DETAIL C-7
- 8 NEW RUNOUT PAD AND MOUNTABLE CURB PER MAVERIK STANDARD DETAIL C-8
- 9 NEW FUEL DISPENSER BASE PER MAVERIK STANDARD DETAIL SF-7
- 10 NEW XACTAIR STATION FOUNDATION PER MAVERIK STANDARD DETAIL SF-9
- 11 NEW ADA PARKING PER MAVERIK STANDARD DETAIL SF-11
- 12 PAINTED ADA PARKING SYMBOL PER MAVERIK STANDARD DETAIL SF-12
- 13 NEW UNDERGROUND STORAGE TANKS
- 14 NEW FUEL CANOPY AND FUEL DISPENSERS - STACKED FORECOURT PER MAVERIK STANDARD DETAIL ST-6
- 15 NEW TRUNCATED DOMES
- 16 ADA ADJUSTABLE SIGNAGE SLEEVE IN BOLLARD
- 17 ADA FUEL DISPENSER WITH SIGN
- 18 NEW CONCRETE PAD FOR ELECTRICAL TRANSFORMER
- 19 5 FOOT CURB TRANSITION FROM MOUNTABLE TO VERTICAL CURB
- 20 ADA PATH TO ADA ACCESSIBLE FUEL PUMP (REFERENCE ONLY NO STRIPPING)
- 21 NEW 4' WIDE CROSSSPAN PER _____

CAPACITY:

- HI2H - 2 BIKES (X=42")
- HI3H - 3 BIKES (X=66")
- HI4H - 4 BIKES (X=90")
- HI5H - 5 BIKES (X=114")



HIGH ROLLER BIKE RACK DETAIL



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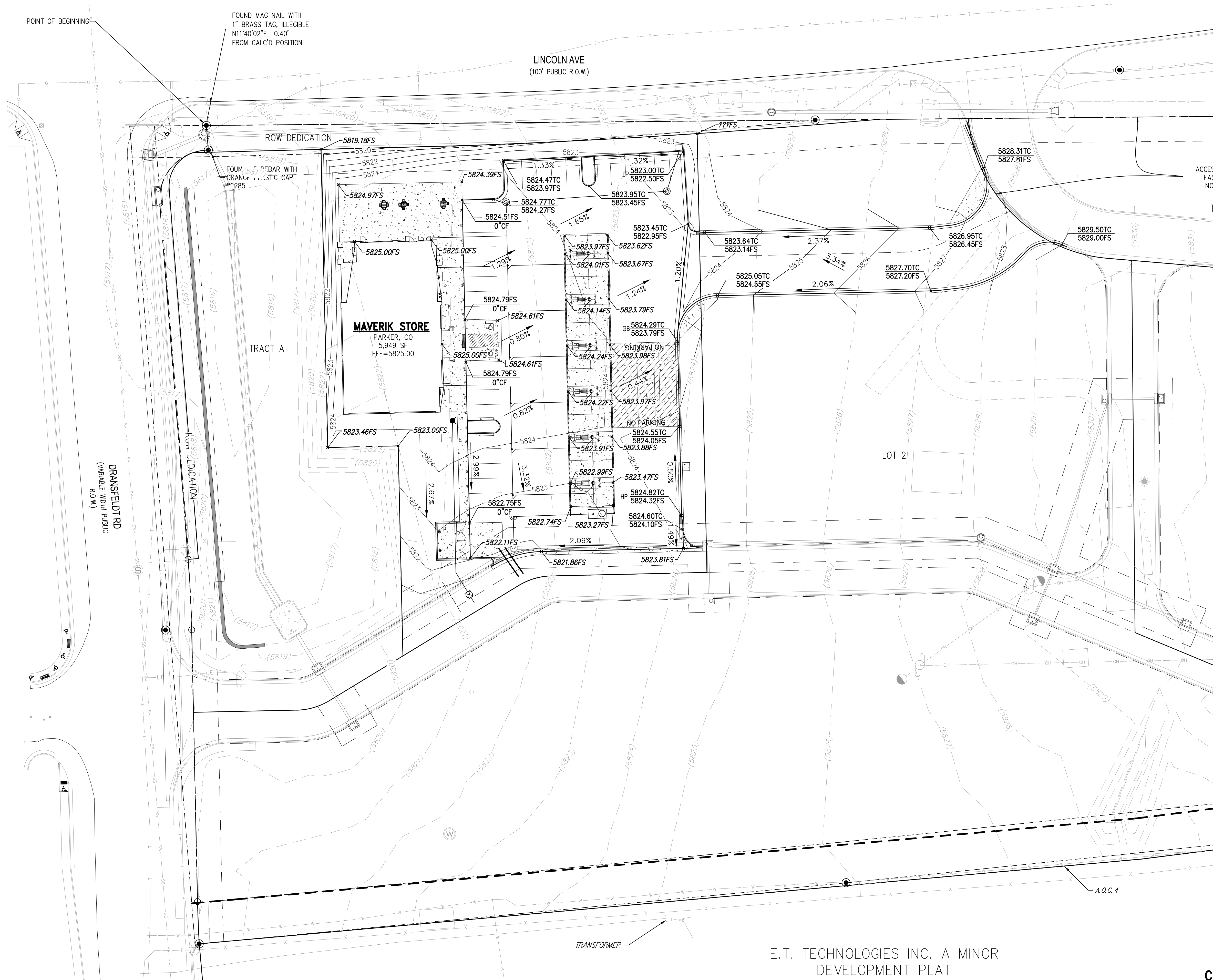


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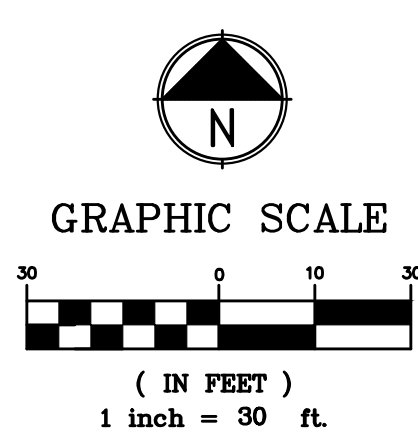
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SITE
PLAN

Plot Date: 2022-03-11 File Location: O:\2020-Denver\DC-Civil\Projects\2021\12-22-0001 Maverik Lincoln and Dransfeldt\12-22-0001.CD.dwg



VERTICAL DATUM/BENCHMARK:
BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,
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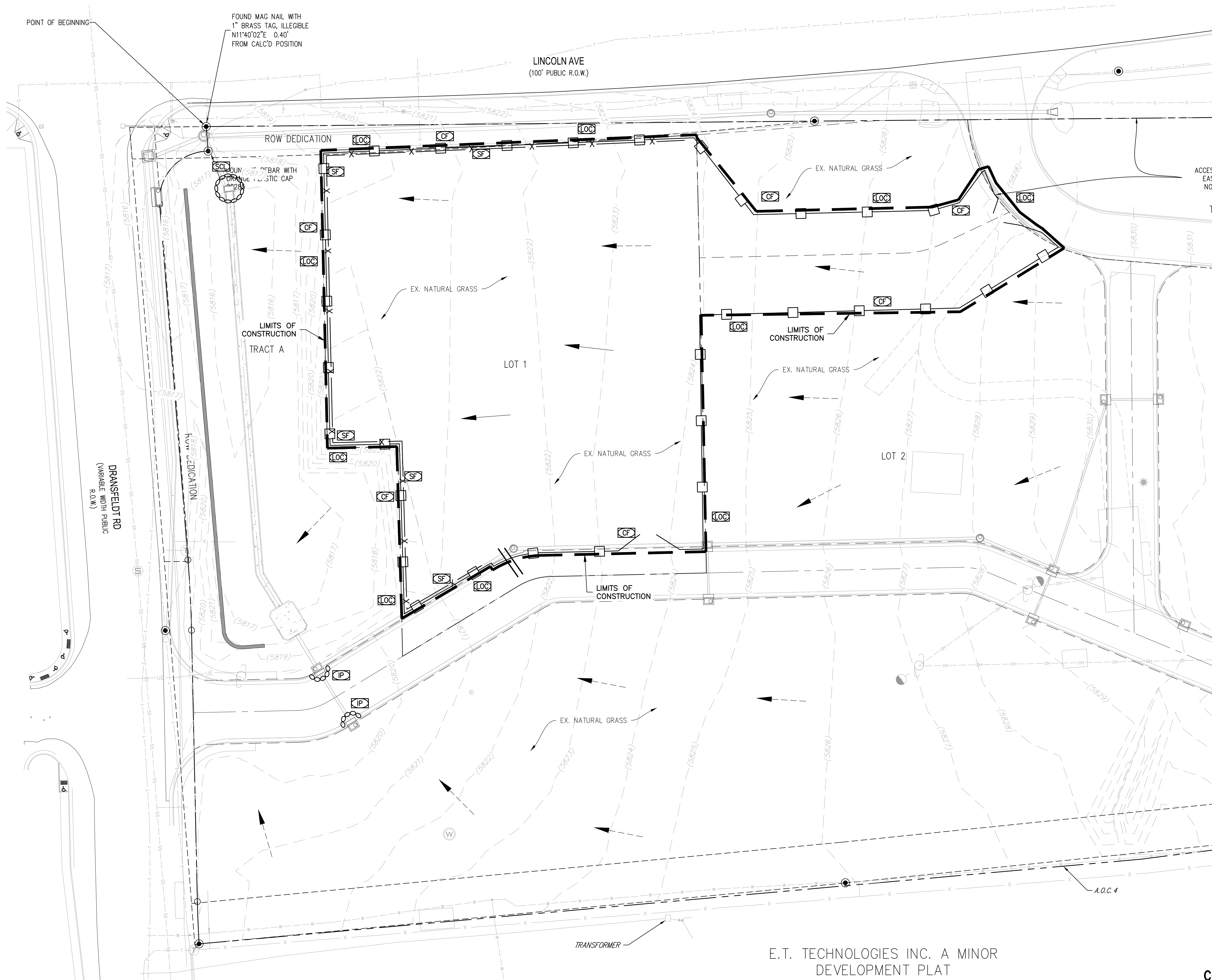


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GRADING PLAN

Plot Date: 2022-03-11 File Location: O:\2020-Denver\DC-Civil\Projects\2021\12-20-2001 Maverik Lincoln and Dransfeldt\12-20-001.CD.dwg



LEGEND:

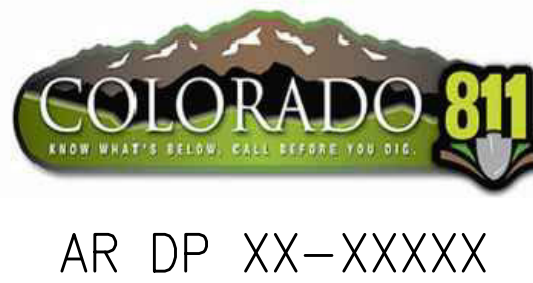
- [SF] SILT FENCE
- [CF] CONSTRUCTION FENCE
- [SCL] SEDIMENT CONTROL LOGS
- [IP] STORM DRAIN INLET PROTECTION
- [LOC] LIMIT OF CONSTRUCTION
- [VTC] VEHICLE TRACKING CONTROL
- [CWA] CONCRETE WASH
- [SSA] STABILIZED STAGING AREA
- [SM] SEEDING AND MULCHING
- [CS] CURB SOCK
- [SS] STREET SWEEPING
- > EXISTING FLOW ARROW

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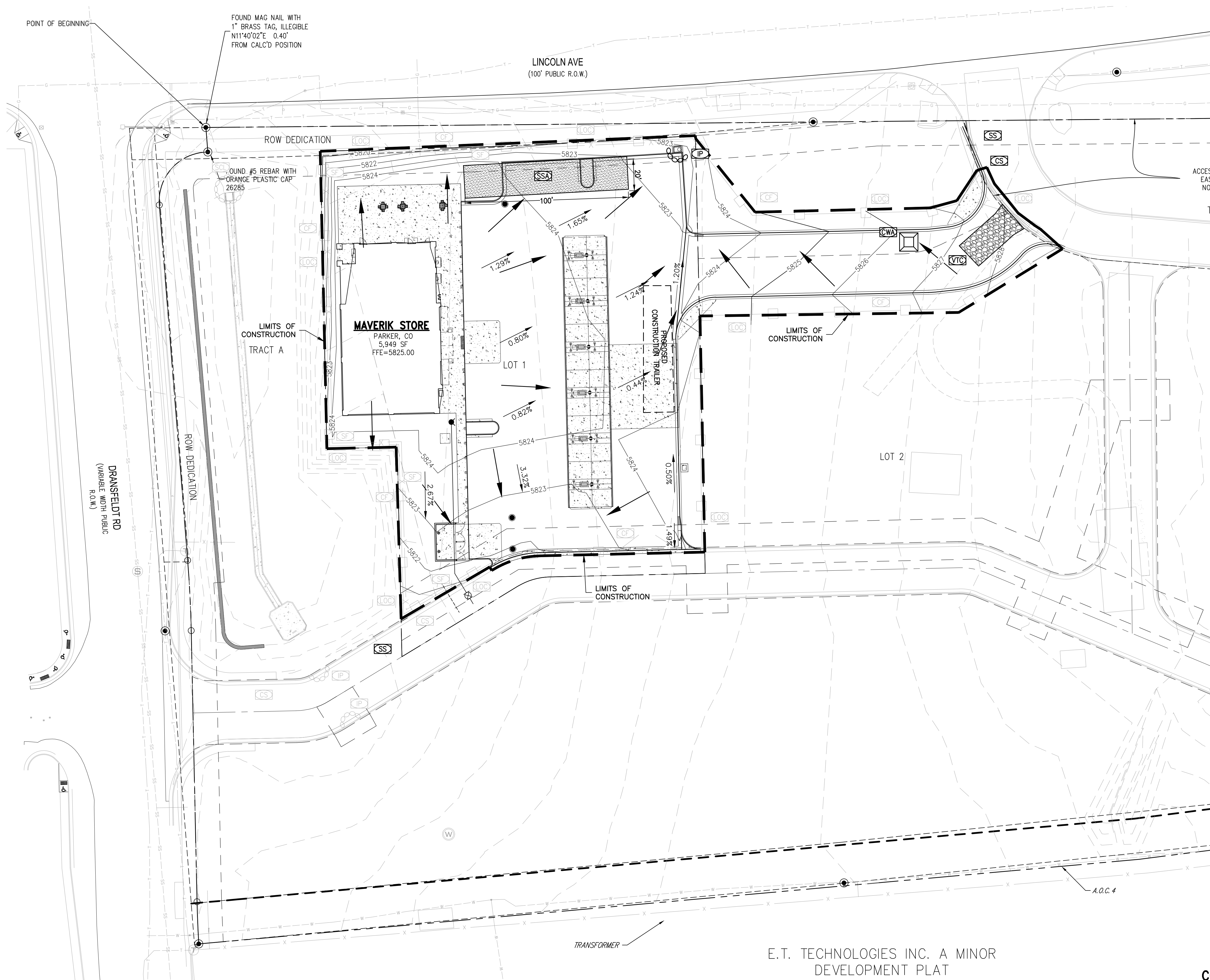
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**CBMP
INITIAL
PLAN**



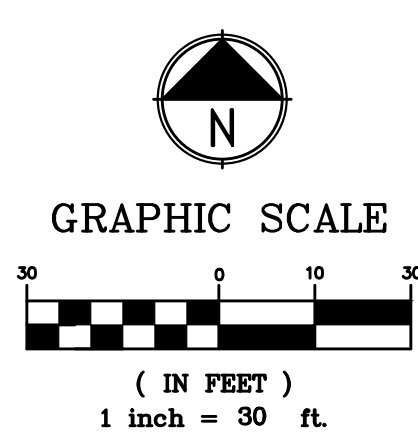
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- [SS] STREET SWEEPING
- ➔ PROPOSED FLOW ARROW

Graphic symbols for various features like silt fence, construction fence, sediment control logs, storm drain inlet protection, sediment basin, limit of construction, vehicle tracking control, concrete wash, stabilized staging area, seeding and mulching, erosion control blanket, stock pile area, curb sock, street sweeping, and proposed flow arrow.

EARTHWORK QUANTITIES

CUT AREA		981	CY
FILL AREA		3,557	CY
NET		2,576	CY (FILL)



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

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

TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

CONTRACTOR NOTE:
ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.



AR DP XX-XXXXX

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2022

REVISIONS:

No.	Date	Description

NOTE:
Bid documents should not be separated or issued as partial sets to subcontractors. Bidders are responsible for all portions of the documents that pertain to work covered by sub-bids. Bidder assumes full responsibility for error or misinterpretations resulting from partial sets of Bidding Documents by itself or any sub-bidder.

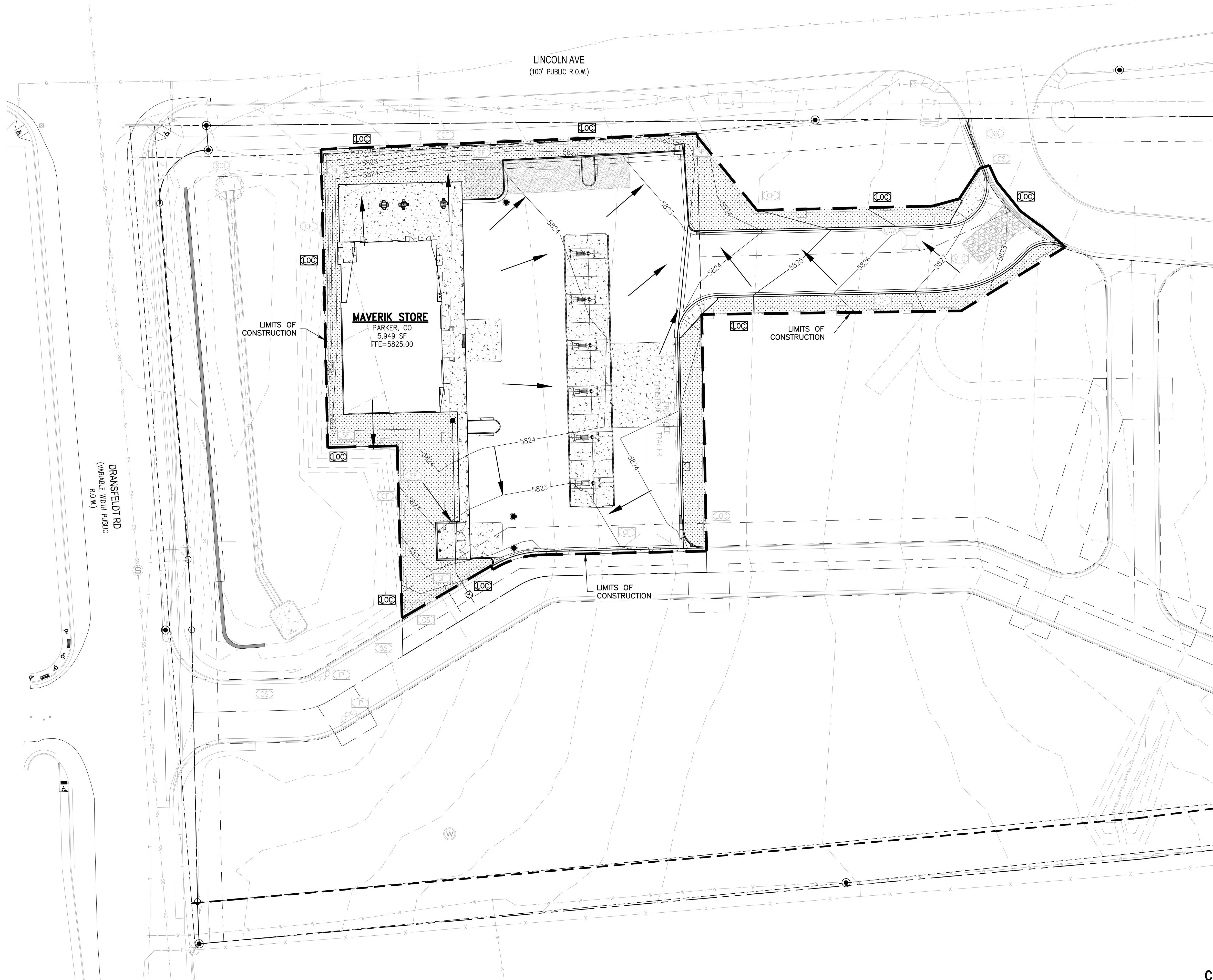
Conflicting information or errors found in the construction documents should be brought to the attention of the architect immediately. In the event of a conflict in the drawings, bidder should not assume the least expensive option will meet the project requirements.



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PARKER, CO

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CBMP INTERIM PLAN

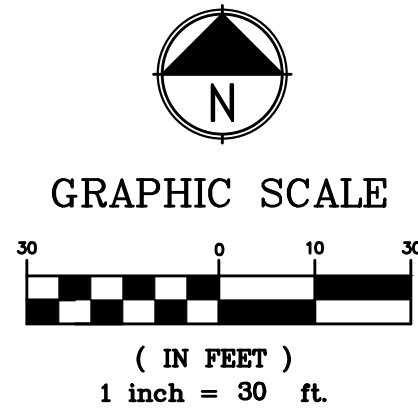


LEGEND:

	SILT FENCE		CONSTRUCTION FENCE
	SEDIMENT CONTROL LOGS		STORM DRAIN INLET PROTECTION
	SEDIMENT BASIN		LIMIT OF CONSTRUCTION
	VEHICLE TRACKING CONTROL		CONCRETE WASH
	STABILIZED STAGING AREA		SEEDING AND MULCHING
	EROSION CONTROL BLANKET		STOCK PILE AREA
	CURB SOCK		STREET SWEEPING
	PROPOSED FLOW ARROW		

NOTE:

- ALL PERMANENT STABILIZATION WILL BE DONE IN ACCORDANCE WITH THE LANDSCAPE PLAN FOR THIS SITE AND ANY TRACKING OF SEDIMENT OR DEBRIS ONTO ADJACENT STREETS SHALL BE IMMEDIATELY CLEANED BY CONTRACTOR.
- NO TRACKING OF DEBRIS OR MUD SHALL BE ALLOWED ON ADJACENT STREET. IF ANY TRACKING DOES OCCUR, CONTRACTOR SHALL SWEEP IMMEDIATELY.



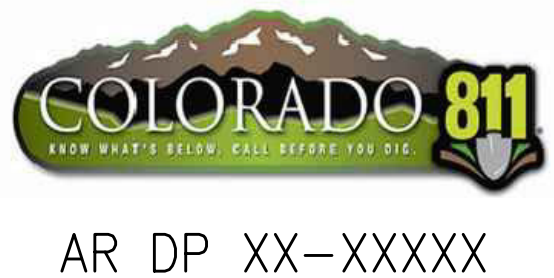
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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

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AR DP XX-XXXX

PROJECT NUMBER
21-122-0001

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**CBMP
FINAL
PLAN**

March 10, 2022

No.	Date	Description
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CBMP DETAILS

1. GRADING, DRILLING, CLEARING, EXCAVATING, BACK-FILLING, SOIL STRIPPING, SOIL IMPORTING EXPORTING OR ANY OTHER FORM OF SOIL DISTURBANCE SHALL NOT COMMENCE UNTIL A TOWN OF PARKER GRADING/EXCAVATION PERMIT HAS BEEN ISSUED.
2. THE TOWN OF PARKER GRADING/EXCAVATION PERMIT IS VALID FOR A PERIOD OF 2 YEARS FROM THE DATE OF ISSUANCE, ANY LAPSE IN PERMIT COVERAGE MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER AND/OR FINES.
3. ALL EROSION AND SEDIMENT CONTROL BMP'S SHALL BE INSTALLED ACCORDING TO THE CBMP PLAN. INSTALLATION NOT TO DEVIATE FROM PERMITTED VARIANCES. ALL MATERIALS, WORKSMANSHIP AND INSTALLATION METHODS ARE SUBJECT TO INSPECTION BY THE TOWN'S INSPECTOR. THE TOWN OF PARKER RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS, WORKSMANSHIP AND/OR INSTALLATION METHODS THAT DO NOT CONFORM TO THE CBMP PLAN AND/OR PERMITTED VARIANCES.
4. THE EROSION CONTROL SUPERVISOR SHALL REVISE OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES IF IT BECOMES APPARENT THAT THE ORIGINAL PLAN IS INADEQUATE, OR AS A RESULT OF DEFICIENCIES IDENTIFIED DURING INSPECTIONS PERFORMED BY THE TOWN'S INSPECTOR.
5. THE INSTALLATION OF ADDITIONAL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) MAY BE REQUIRED OF THE EROSION CONTROL SUPERVISOR, PROPERTY OWNER, SITE DEVELOPER OR CONTRACTOR. THEIR AUTHORIZED AGENTS AT ANY TIME THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION AND/OR SUBSEQUENT REVEGETATION PERIOD.
6. THE EROSION CONTROL SUPERVISOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE SITE REMAINS IN COMPLIANCE WITH THE NOTICE OF NUISANCE REPORTS (A.K.A. CONSTRUCTION SITE RUNOFF CONTROL INSPECTION REPORTS), APPROVED CBMP PLAN(S) AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
7. THE EROSION CONTROL SUPERVISOR SHALL BE READILY AVAILABLE TO DISCUSS AND CORRECT ANY PROBLEMS THAT MAY ARISE RELATING TO GRADING, EROSION AND SEDIMENT CONTROL.
8. IF IT IS ANTICIPATED THAT ALL OR A PORTION OF THE PROJECT WILL OCCUR DURING SEASONS SUSCEPTIBLE TO SNOWFALL, THE USE OF CERTAIN EROSION AND SEDIMENT CONTROL BMP'S ADJACENT TO PUBLIC ROADWAYS MAY NEED TO BE RECONSIDERED DUE TO THE NATURE OF SNOW REMOVAL OPERATIONS. AN ALTERNATIVE MAY BE NECESSARY TO MINIMIZE DAMAGE FROM THESE OPERATIONS. THE TOWN OF PARKER ASSUMES NO RESPONSIBILITY FOR DAMAGE TO ANY BMP'S AS A RESULT OF SNOW PLOWING AND SNOW REMOVAL.
9. AREAS OF LAND DISTURBANCE EQUAL TO 40 ACRES OR GREATER SHALL NOT BE EXPOSED FOR MORE THAN 30 CONSECUTIVE DAYS WITHOUT TEMPORARY OR PERMANENT STABILIZATION.
10. AUTHORIZED EXEMPTIONS MAY BE ALLOWED TO THE 40-ACRE LIMIT FOR REMOVAL AND STORAGE OF CUT MATERIAL WHERE (A) GEOTECHNICAL LIMITATIONS RESTRICT THE USE OF TEMPORARY OR PERMANENT STABILIZATION OF THE STORED MATERIAL (E.G., SWELLING SOILS, ROCK) AND (B) WHEN THE OWNERS CAN DEMONSTRATE THAT THE 40-ACRE LIMIT IS PHYSICALLY AND/OR FINANCIALLY IMPRACTICABLE. FOR SITES GRANTED THIS EXEMPTION, A PHASING AND EARTHWORK QUANTITIES PLAN SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT AND APPROVED PRIOR TO THE COMMENCEMENT OF LAND DISTURBANCE ACTIVITIES. SUBMITTAL REQUIREMENTS INCLUDE:
 - (I) PHASING PLAN SHOWING CUT AND FILL VOLUMES AND LOCATIONS FOR EACH PHASE AND PROJECT TOTALS.
 - (II) EARTHWORK QUANTITY PLAN SHOWING CUT AND FILL VOLUMES AND LOCATIONS FOR EACH PHASE AND PROJECT TOTALS.
 - (III) BMP PLAN SHOWING SPECIFIC EROSION AND SEDIMENT CONTROLS FOR EACH PHASE.



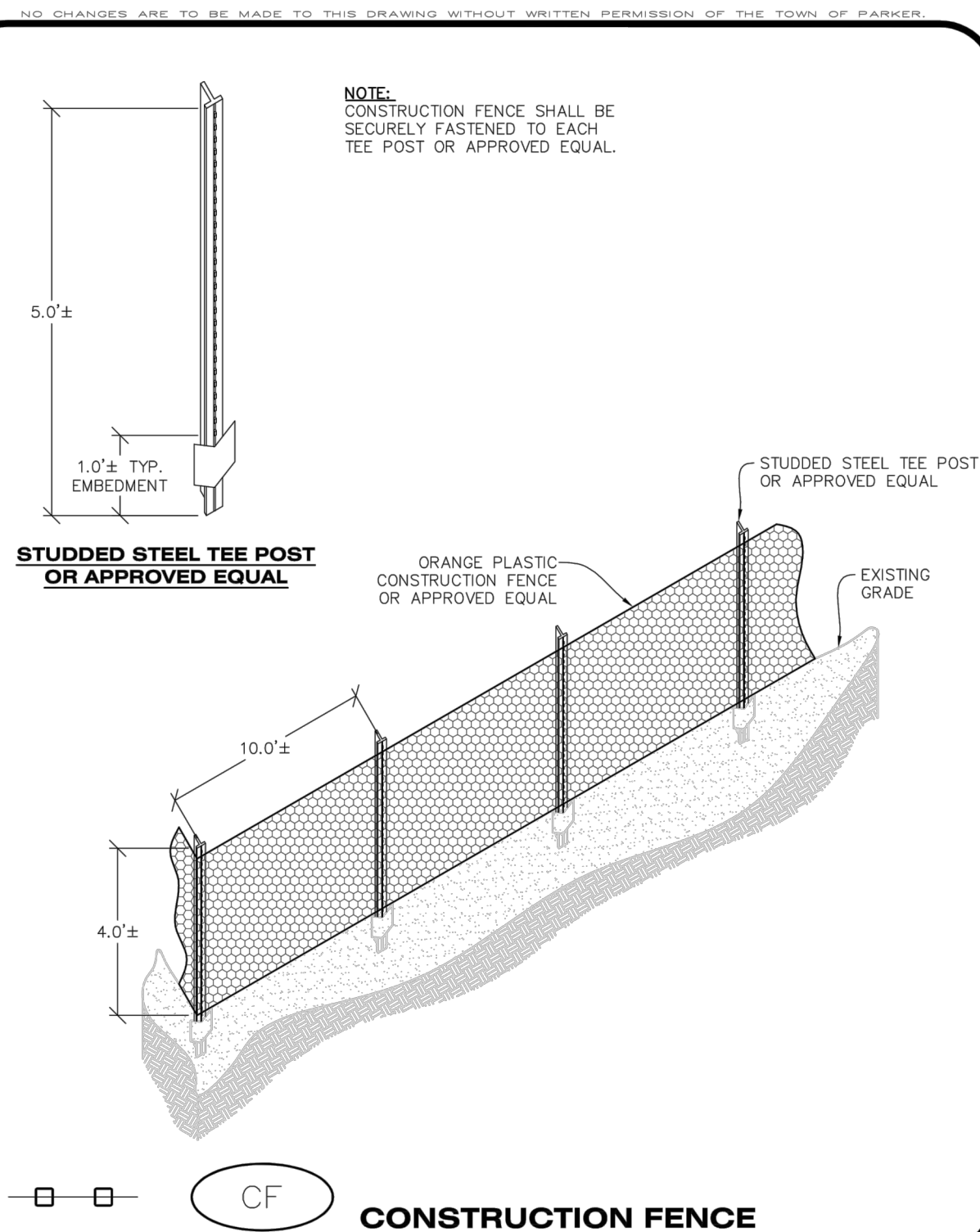
11. ANY EROSION AND SEDIMENT CONTROL BMPs THAT ARE DAMAGED OR IN NEED OF MAINTENANCE OR REPLACEMENT SHALL BE CORRECTED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
12. ALL DEFICIENCIES LISTED ON THE NOTICE OF NUISANCE FORM SHALL BE COMPLETED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES. ALL REQUIRED ACTIONS MUST BE IN THE CORRECTED FORM DURING THE FOLLOW-UP INSPECTION.
13. THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR ENSURING THAT ALL STREETS, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, PARKING LOTS, ALLEYS, TRICKLE CHANNELS, AND/OR OTHER IMPERVIOUS SURFACES IMPACTED BY CONSTRUCTION ACTIVITIES ARE THOROUGHLY CLEANED THROUGHOUT THE DAY IF THEY BECOME SOILED. THESE AREAS MUST ALSO BE THOROUGHLY CLEAN BEFORE THE END OF THE WORK DAY.
14. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL FROM ENTERING STATE WATERS.
15. ALL TRASH RECEPTACLES ON SITE SHALL BE FREE OF HOLES, CRACKS, GAPS, AND/OR OTHER PERMEABLE AREAS THAT MAY ALLOW FOR THE DISCHARGE OF POLLUTANTS.
16. ALL TRASH RECEPTACLES ON SITE SHALL BE EMPTED AT A FREQUENCY AS TO ENSURE THAT THE TRASH REMAINS CONFINED TO THE RECEPTACLE.
17. ALL LOOSE TRASH AND LITTER ASSOCIATED WITH THE PROJECT MUST BE REMOVED AND PROPERLY DISCARDED ON A DAILY BASIS.
18. ALL PORTABLE TOILETS SHALL BE STAKED DOWN AT ALL TIMES USING U-SHAPED REBAR STAKES. THE PORTABLE TOILETS SHALL ALSO BE PLACED A MINIMUM DISTANCE OF 10 FEET FROM ALL IMPERVIOUS SURFACES, INCLUDING, BUT NOT LIMITED TO STREETS CURBS, GUTTERS, SIDEWALKS AND PARKING LOTS.
19. THE EROSION CONTROL SUPERVISOR SHALL MAINTAIN STRICT ADHERENCE TO THE LIMITS OF CONSTRUCTION AND PROPERTY LIMITS FOR ALL MATERIALS, VEHICLES AND EQUIPMENT. FAILURE TO ABIDE BY THIS REQUIREMENT MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.
20. ALL CONSTRUCTION TRAFFIC MUST ENTER AND EXIT THE SITE THROUGH THE APPROVED ACCESS POINT(S). A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT ALL APPROVED ACCESS POINTS TO THE SITE, EXCEPTED AREAS FOR CONSTRUCTION ACTIVITY OCCURRING IMMEDIATELY ADJACENT TO PAVED AREAS AND WHERE ALTERNATIVE BMP'S ARE IMPLEMENTED, SUCH ACTIVITY MAY INCLUDE, BUT NOT BE LIMITED TO RESIDENTIAL CONSTRUCTION, UTILITY CONSTRUCTION, ETC.
21. NO PERMANENT SLOPES GREATER THAN 3:1 ARE ALLOWED.
22. ALL PERMANENT SLOPES STEEPER THAN 4:1 (HORIZONTAL TO VERTICAL) SHALL REQUIRE EROSION CONTROL BLANKET(S). TEMPORARY SLOPES IN TEMPORARY SEDIMENT BASINS THAT ARE STEEPER THAN 4:1 MAY REQUIRE EROSION CONTROL BLANKETS.
23. THE EROSION CONTROL SUPERVISOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ADVERSE IMPACT THAT OCCUR TO NEIGHBORING PROPERTIES. THE EROSION CONTROL SUPERVISOR MUST OBTAIN PERMISSION FROM LAND OWNERS PRIOR TO ENTERING SUCH PROPERTY.
24. A WATER SOURCE SHALL BE AVAILABLE ONSITE DURING CONSTRUCTION ACTIVITIES, AND UTILIZED TO MINIMIZE FUGITIVE DUST. ALTERNATIVE BMPs MAY BE REQUIRED IF INITIAL ATTEMPTS TO SUPPRESS DUST ARE UNSUCCESSFUL.



25. ALL CHEMICAL OR HAZARDOUS MATERIAL SPILLS, INCLUDING CONCRETE WASHOUT WATER, WHICH MAY ENTER WATERS OF THE STATE OF COLORADO, WHICH INCLUDES BUT ARE NOT LIMITED TO, SURFACE WATER, GROUND WATER, OR CONCRETE OR STORM SEWERS LEADING TO SURFACE WATER, SHALL BE IMMEDIATELY REPORTED TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) PER 25-8--601, AND THE TOWN OF PARKER. RELEASES OF PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS SHALL BE IMMEDIATELY REPORTED TO THE FEDERAL CLEAN WATER ACT (40 CFR PART 116) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AND THE CDPHE. SPILLS THAT POSE AN IMMEDIATE SAFETY HAZARD SHALL BE REPORTED TO 911.
26. THE CLEANING OF CONCRETE TRUCKS AND EQUIPMENT IS RESTRICTED TO THE APPROVED CONCRETE WASHOUT LOCATION ON THE JOB SITE. CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO STATE WATERS OR STORM SEWER SYSTEMS.
27. VEHICLE AND EQUIPMENT DEGREASING IS PROHIBITED ON THE JOB SITE.
28. ALL DEWATERING ON SITE SHALL BE COORDINATED WITH THE TOWN'S INSPECTOR. A STATE PERMIT MAY BE REQUIRED FOR DEWATERING. THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR OBTAINING AND ADHERING TO ALL APPLICABLE PERMITS.
29. HYDRAULIC SEEDING AND/OR HYDRAULIC MULCHING ARE ONLY ALLOWED IN AREAS UNDER TEMPORARY OR PERMANENT IRRIGATION OR FOR THE PURPOSE OF TEMPORARY SOIL STABILIZATION.
30. APPLICABLE CONSTRUCTION BMPs SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL ALL LANDSCAPING HAS BEEN INSTALLED. WHEN THE DESIRABLE VEGETATION HAS REACHED A POINT WHICH EROSION AND SEDIMENTATION IS NO LONGER A CONCERN AS DETERMINED BY THE TOWN'S INSPECTOR.
31. GRADING SECURITY RELEASE REQUIREMENTS:
- 1) DEVELOPABLE PROPERTY: IN ORDER FOR THE GRADING SECURITY TO BE RELEASED, THE SITE MUST MEET ITEMS A-H OR ITEM I (BELOW).
 - A. ALL SOIL-DISTURBING ACTIVITIES ASSOCIATED WITH THE GRADING PERMIT HAVE PERMANENTLY CEASED
 - B. UNIFORM PERENNIAL VEGETATION COVER HAS BEEN ESTABLISHED WITH AN INDIVIDUAL PLANT DENSITY OF AT LEAST SEVENTY PERCENT (70%) OF PRE-DISTURBANCE LEVELS.
 - C. ALL BMPs HAVE BEEN PROPERLY REMOVED FROM THE SITE.
 - D. IF ANY EROSION IS PRESENT, IT IS INSIGNIFICANT AND IS NOT LEAVING THE SITE AND/OR LEADING INTO ANY ON-SITE DRAINAGE INFRASTRUCTURE THAT MAY CONVEY SURFACE WATER OFF SITE.
 - E. WEEDS REPRESENT NO MORE THAN FIFTY PERCENT (50%) OF THE TOTAL VEGETATION ON THE SITE.
 - F. NO WEEDS ARE PRESENT FROM LIST A OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
 - G. THE SITE IS PREDOMINANTLY FREE OF WEEDS FROM LIST B OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
 - H. WEEDS ARE EVENLY DISTRIBUTED THROUGHOUT THE SITE WITH NO LARGE CONCENTRATIONS PRESENT.
 - I. A NEW GRADING PERMIT AND REPLACEMENT SECURITY HAS BEEN SUBMITTED AND APPROVED FOR THE APPLICABLE SITE OR ASSIGNMENT AS PROVIDED BY SECTION 11-10.150 OF THE TOWN OF PARKER MUNICIPAL CODE. THE TOWN OF PARKER HAS BEEN ADVISED OF THE TIME OF CLOSING TO ENSURE THAT THE NEW SITE OWNER HAS PROVIDED THE TOWN WITH A REPLACEMENT SECURITY.

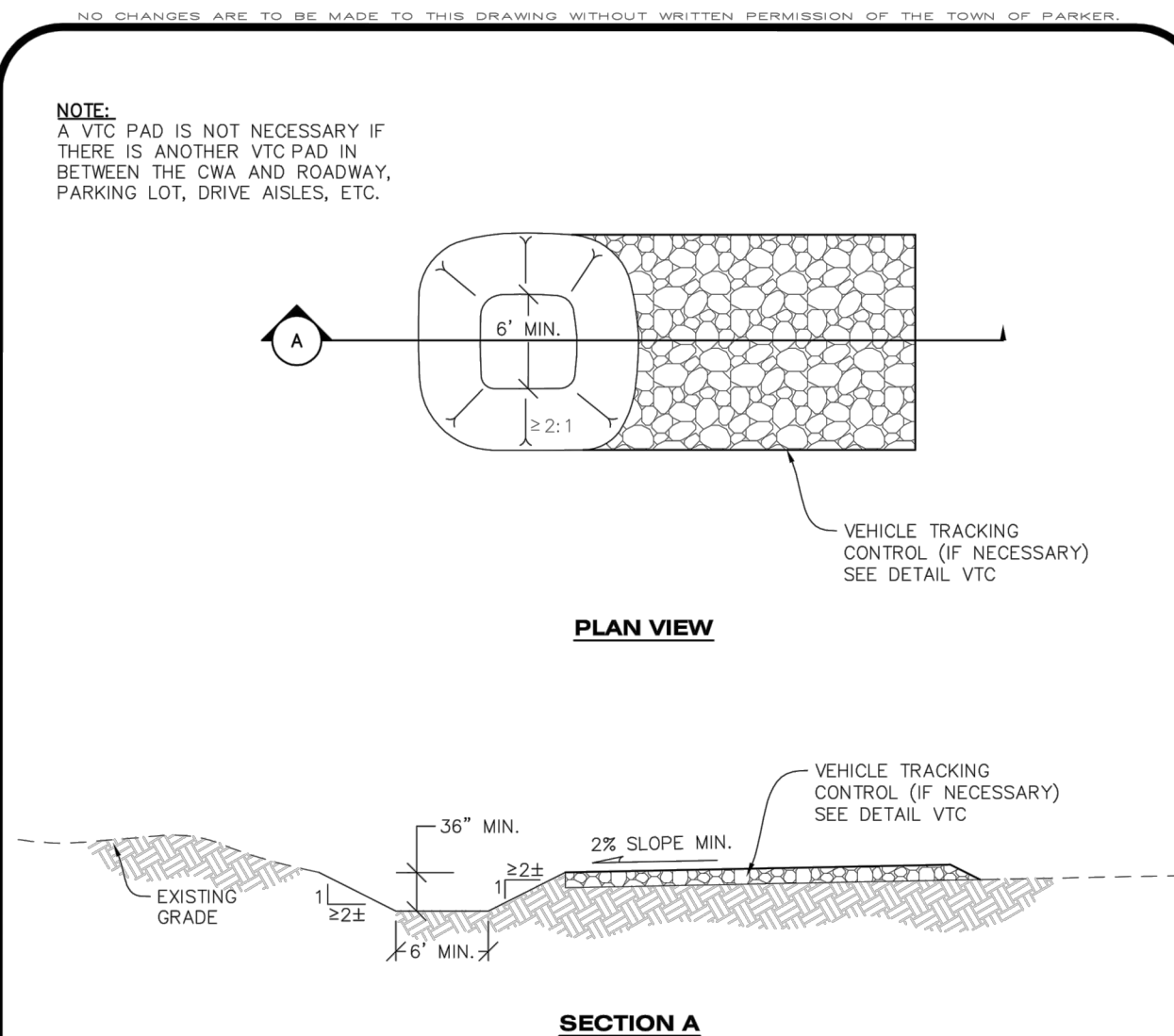


- 2) NONDEVELOPABLE PROPERTY. IN ORDER FOR THE GRADING SCHEME TO BE RELEASED, THE SITE MUST MEET ITEMS A-H AND J, OR ITEMS I AND J (BELOW).
- A. ALL SOIL-DISTURBING ACTIVITIES ASSOCIATED WITH THE GRADING PERMIT HAVE PERMANENTLY CEASED.
 - B. ALL CUMPS HAVE BEEN PROPERLY REMOVED FROM THE SITE.
 - C. EROSION IS NEGLIGIBLE, IF EVEN PRESENT.
 - D. THE EROSION CONTROL MEASURES TAKEN HOLD A PERFECT STAND OF A DENSE, UNIFORM SURFACE OF GRASS WITH NO AREA GREATER THAN ONE (1) SQUARE FOOT THAT IS BARREN OF DESIRABLE VEGETATION. INFREQUENT, WIDELY SCATTERED AREAS WHERE NATIVE VEGETATION HAS NOT YET TAKEN HOLD MAY QUALIFY FOR ACCEPTANCE AT THE DISCRETION OF THE TOWN.
 - E. WEEDS REPRESENT NO MORE THAN TEN PERCENT (10%) OF THE TOTAL VEGETATION ON SITES.
 - F. NO WEEDS ARE PRESENT FROM LIST A OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
 - G. THE SITE IS PREDOMINANTLY FREE OF WEEDS FROM LIST B OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
 - H. WEEDS ARE EVENLY DISTRIBUTED THROUGHOUT THE SITE WITH NO LARGE CONCENTRATIONS PERMIT.
 - I. NEW GRADING PERMIT AND REPLACEMENT SECURITY HAS BEEN SUBMITTED AND APPROVED FOR THE APPLICABLE SITE OR THE GRADING PERMIT HAS BEEN ASSIGNED AS PROVIDED BY SECTION 11.11 OF THE TOWN OF PARKER MUNICIPAL CODE.
 - J. THE TOWN OF PARKER PROPERTY OWNER'S OBLIGATION, AT THE TIME OF CLOSING ON THE SALE OF A SITE THAT IS SUBJECT TO A GRADING PERMIT, TO ENSURE THAT THE NEW PROPERTY OWNER HAS PROVIDED THE TOWN WITH A SUFFICIENT AMOUNT OF SECURITY.
 - K. ALL KNOWN DRAINAGE ISSUES ASSOCIATED WITH THE PROJECT HAVE BEEN MITIGATED AND SUFFICIENT AMOUNT OF SECURITY HAS BEEN PROVIDED TO ENSURE DRAINAGE ISSUES ARE CORRECTED. THIS REQUIREMENT DOES NOT INCLUDE THOSE DRAINAGE ISSUES ORIGINATING ON RESIDENTIAL LOTS.
- (D) NOXIOUS WEEDS MUST BE CONTROLLED AS PROVIDED UNDER STATE LAW AND SECTION 6.01.260 OF THE TOWN OF PARKER MUNICIPAL CODE. FAILURE TO CONTROL NOXIOUS WEEDS ON THE SITE MAY CONSTITUTE A NUISANCE, SUBJECT TO THE PENALTIES CONTAINED IN THE CODE.
- DEFINITIONS.**
- DEVELOPABLE PROPERTY** MEANS ANY LAND THAT HAS BEEN GRADED AND IS PART OF A PLATTED LOT OR PLATTED TRACT OF RECORD, THAT WAS PLATTED FOR FUTURE DEVELOPMENT, INCLUDING BUT NOT LIMITED TO, THE FOLLOWING: A. A PLATTED LOT OR PLATTED TRACT OF RECORD IMPROVED FOR RESIDENTIAL DEVELOPMENT.
- NONDEVELOPABLE PROPERTY** MEANS LAND THAT HAS BEEN GRADED AND WILL NOT BE FURTHER DISTURBED AS PART OF ANY FUTURE DEVELOPMENT. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO: A. A PLATTED LOT OR PLATTED TRACT OF RECORD ASSOCIATION OR BUSINESS ASSOCIATION PLATTED TRACTS, DETENTION PONDS AND DRAINAGEWAYS.
32. FAILURE TO COMPLY WITH ANY OF THE REQUIREMENTS DESCRIBED IN THIS SECTION MAY RESULT IN THE ISSUANCE OF: A NOTICE OF INTENT TO ISSUE A STOP WORK ORDER, A STOP WORK ORDER AND/OR THE REMEDIES/PENALTIES DESCRIBED IN CHAPTER 11.10 OF THE TOWN OF PARKER MUNICIPAL CODE.
33. ANY PERSON CONVICTED OF VIOLATING ANY PROVISION OF THE TOWN OF PARKER, GRADING & EROSION MOVEMENT SECTION OF THE MUNICIPAL CODE SHALL BE GUILTY OF A MISDEMEANOR AND, UPON CONVICTION, BE SUBJECT TO A FINE OF NOT MORE THAN \$100 FOR EACH VIOLATION OF THE TOWN OF PARKER (\$499.00) FOR EACH SEPARATE OFFENSE. EACH DAY A VIOLATION CONTINUES SHALL CONSTITUTE A SEPARATE OFFENSE. THE TOWN ALSO MAY SEEK IN MUNICIPAL COURT AN INJUNCTION, ABATEMENT, RESTITUTION OR ANY OTHER REMEDY TO PREVENT, ENJOIN, ABATE OR REMOVE THE VIOLATION. A PERSON CONVICTED OF VIOLATING CHAPTER 11.10 OF THE TOWN OF PARKER MUNICIPAL CODE SHALL BE LIABLE FOR THE COSTS OF THE PROSECUTION OF THE VIOLATION AND THE COSTS OF ANY REMEDY RECOVERED AS RESTITUTION IN MUNICIPAL COURT PROCEEDINGS OR IN A SEPARATE CIVIL ACTION.
34. THE TOWN OF PARKER RESERVES THE RIGHT TO ALLOW MODIFICATIONS AND SUBSTITUTIONS TO THE CMPB NOTES AND DETAILS, WHEN SUCH MODIFICATIONS AND SUBSTITUTIONS OFFER THE SAME LEVEL OF PROTECTION AS THE STANDARD REQUIREMENTS BASED UPON THE SPECIFIC SITUATION. AS DETERMINED BY THE TOWN OF PARKER, SUCH MODIFICATIONS AND SUBSTITUTIONS, THE APPROVAL OF SUCH VARIATIONS MAY NOT BE DOCUMENTED BY TOWN



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

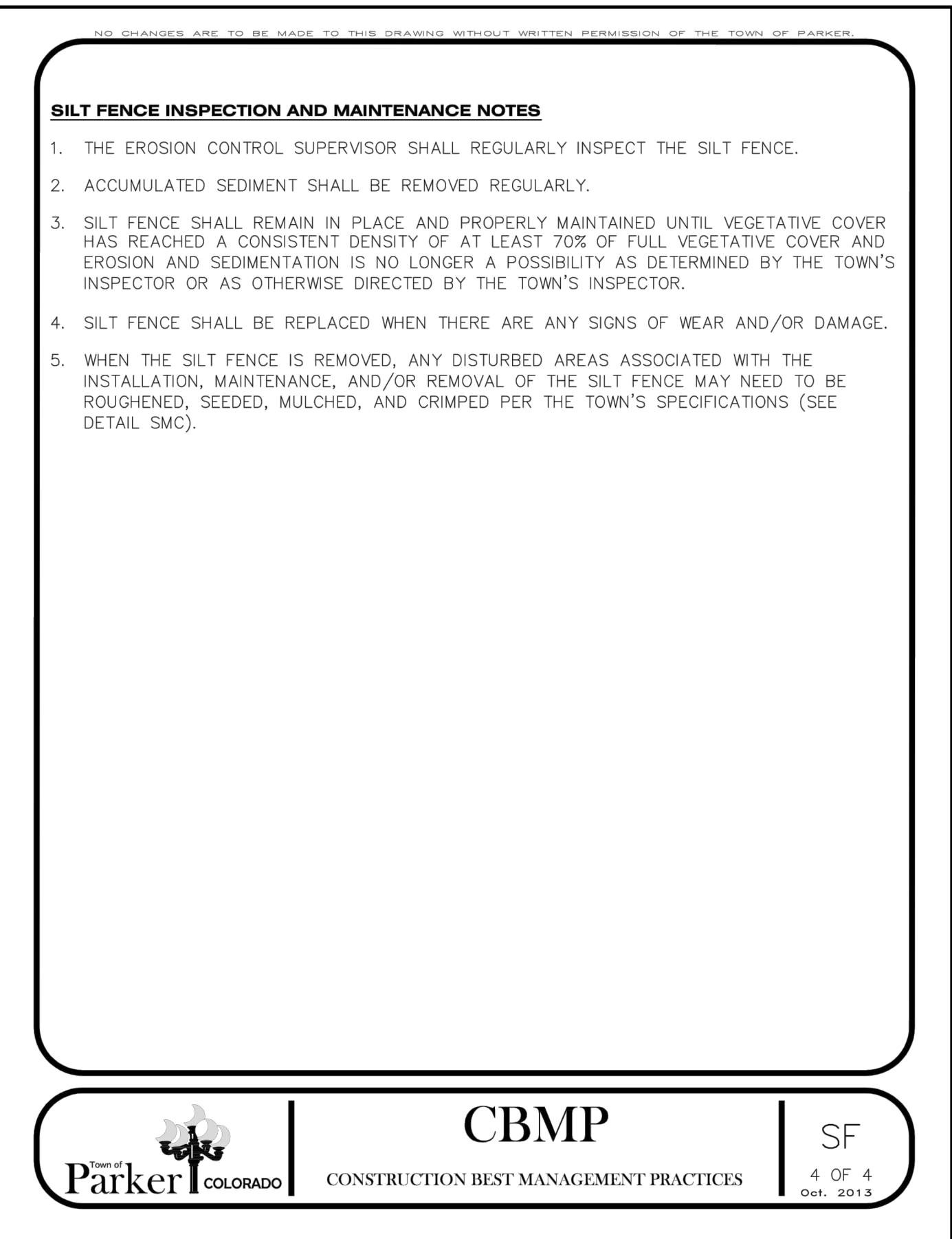
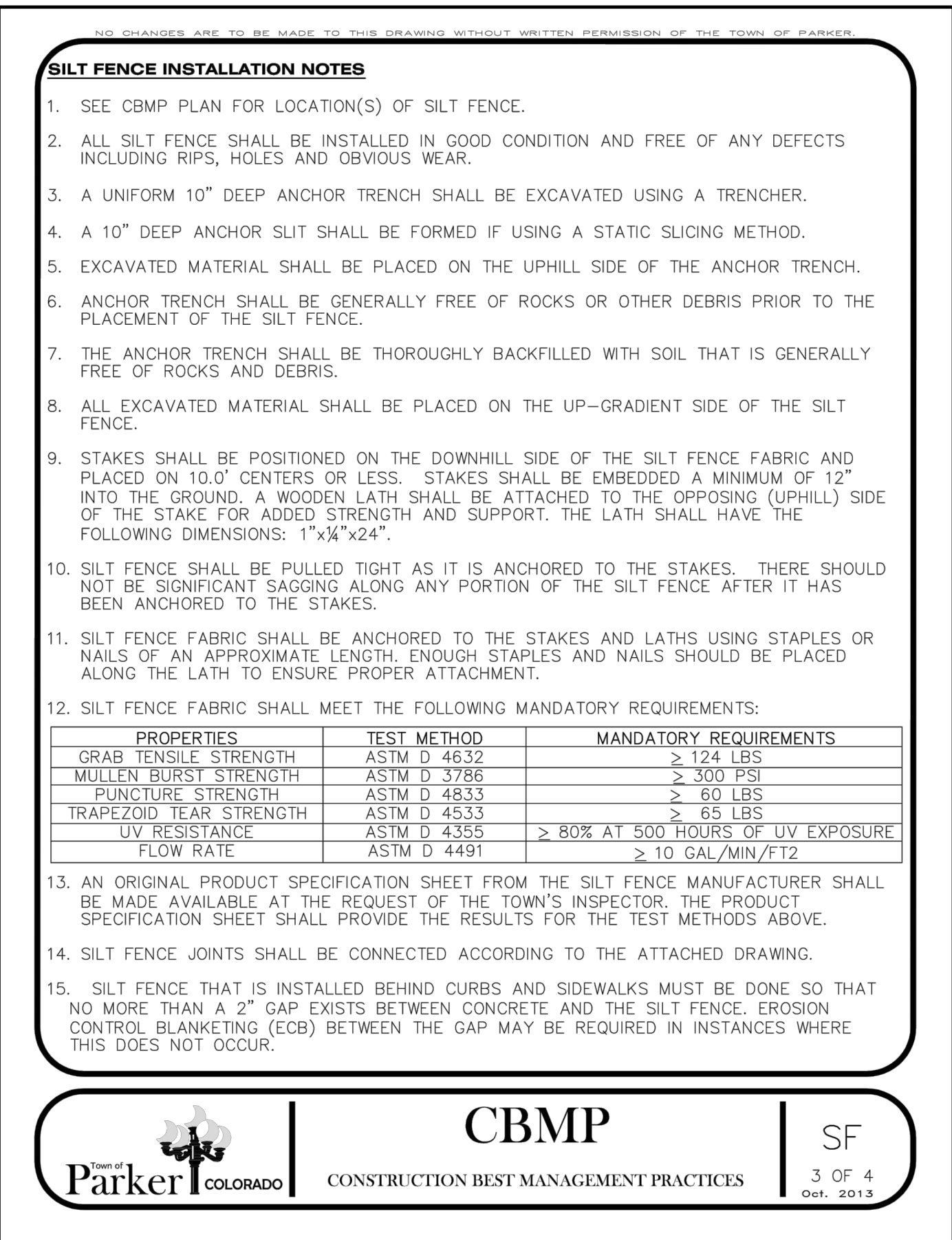
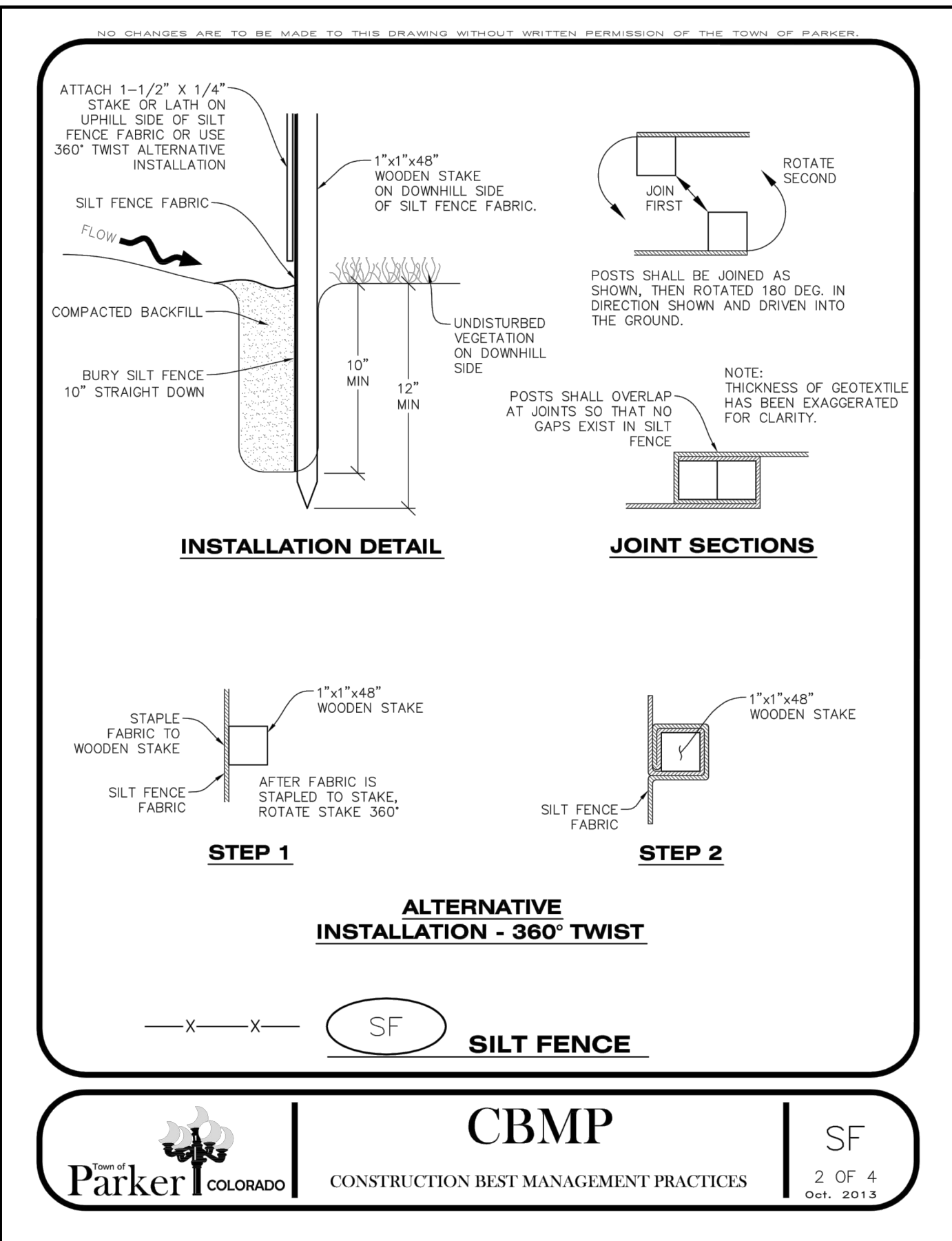
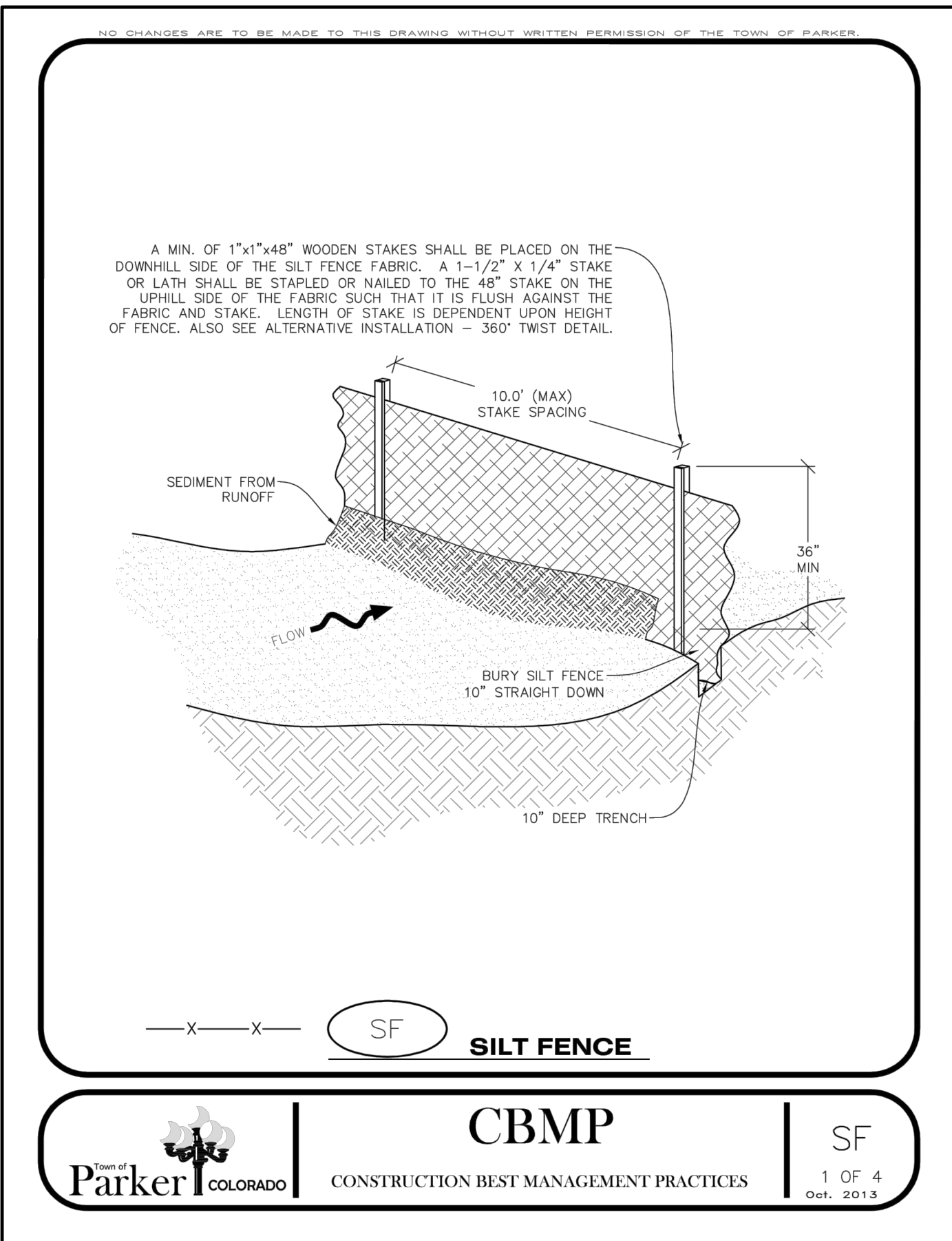
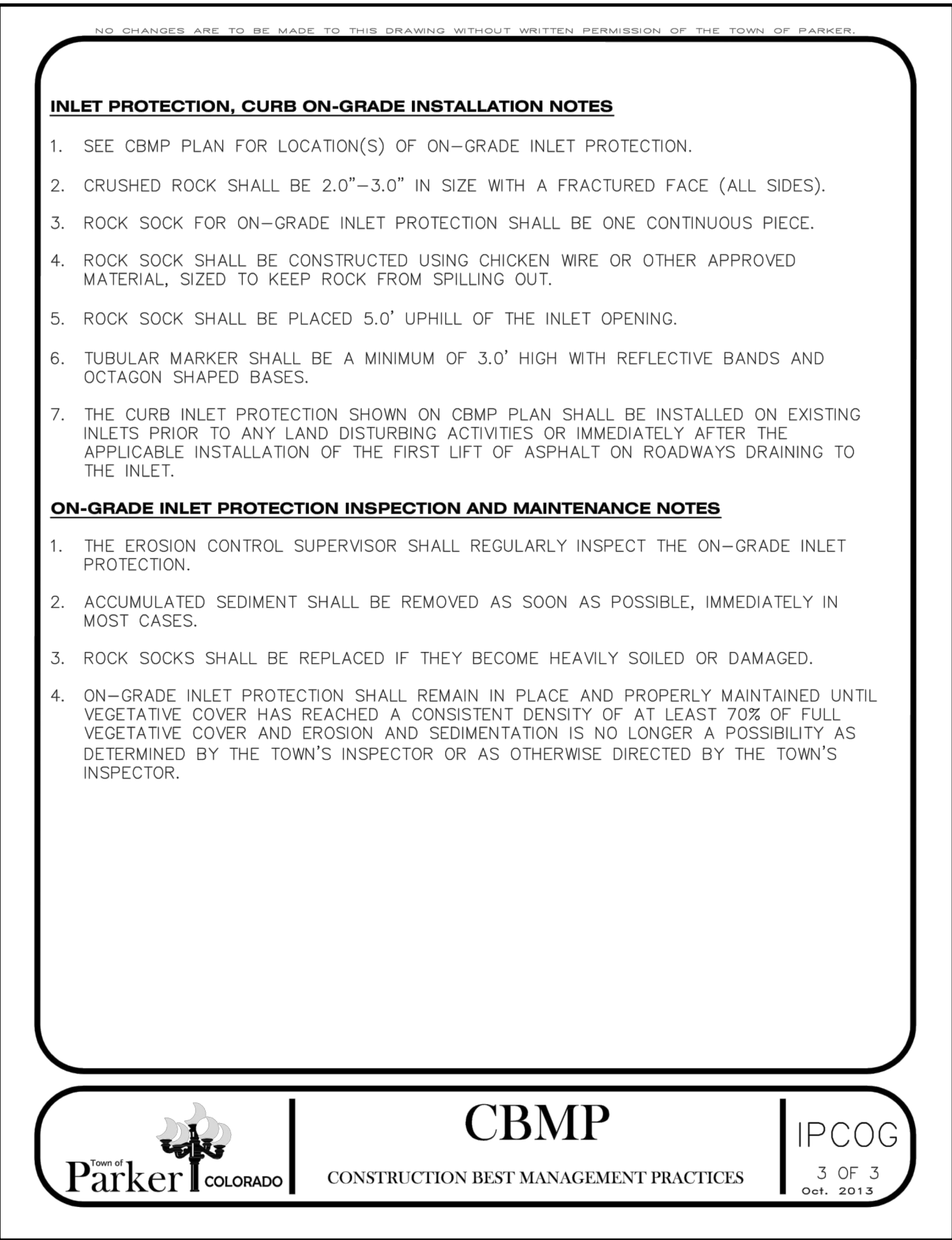
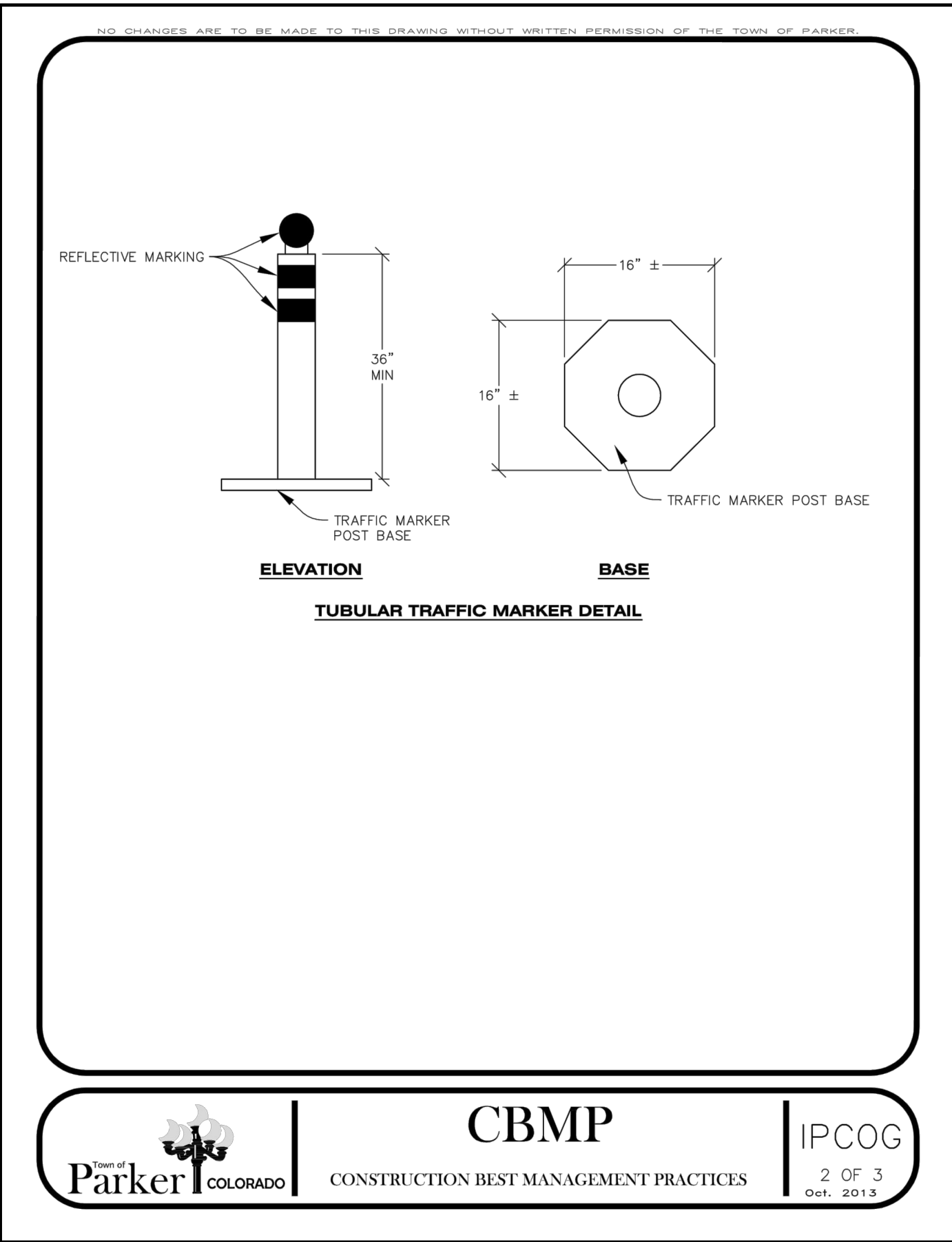
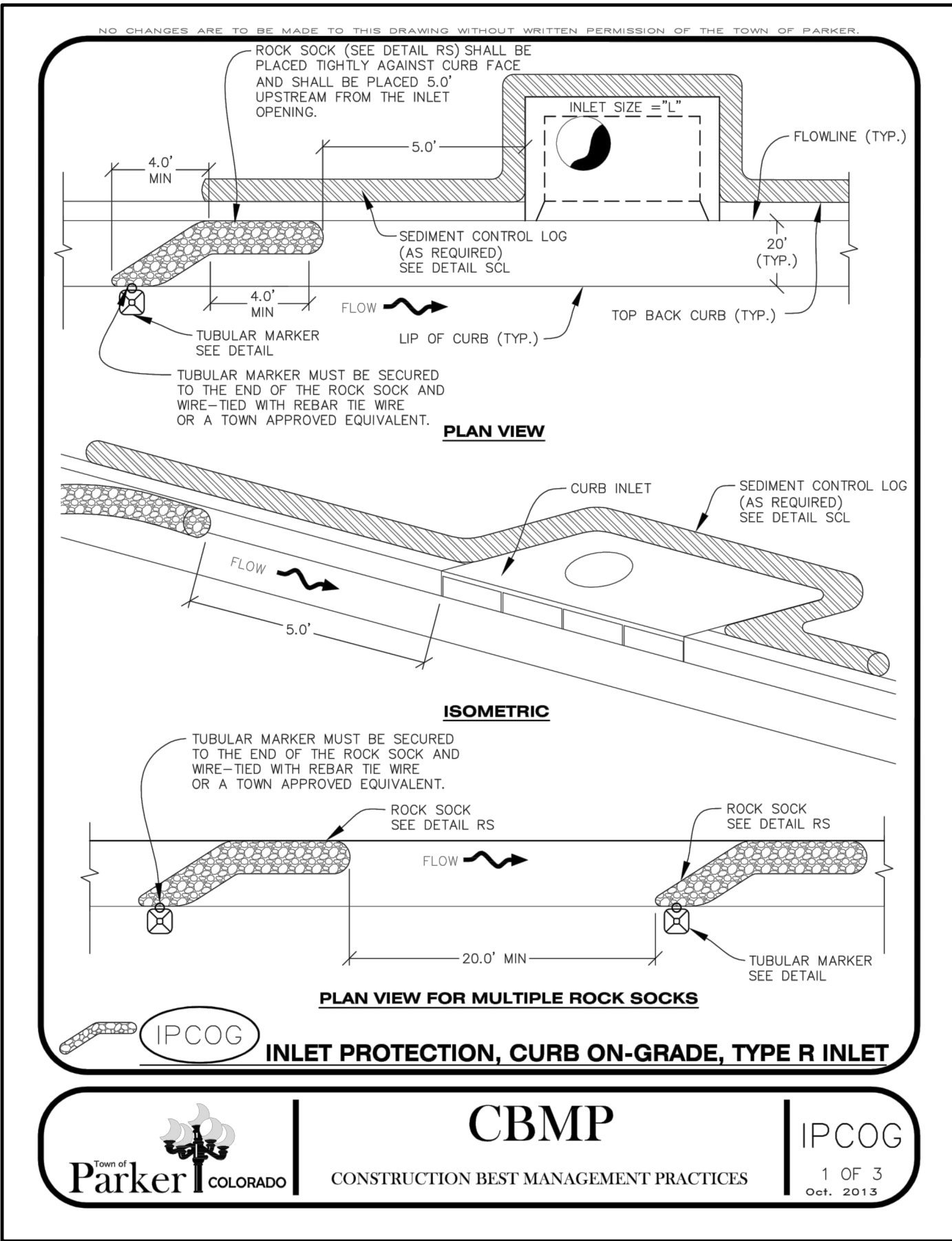
1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONSTRUCTION FENCE AND MAKE ANY NECESSARY REPAIRS.
2. CONSTRUCTION FENCE SHALL BE REPAIRED WHEN THE FENCING MATERIAL FALLS OUT OF COMPLIANCE WITH THE NOTES AND DETAILS.



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

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





No.	Date	Description

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March 10, 2022

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12 OF 17



CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SMC

1 OF 3

Oct. 2013

	CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES	SMC 2 OF 3 Oct. 2013
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Town of
Parker

COLORADO

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SMC

3 OF 3

Oct. 2013





CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SSA

2 OF 2

Oct. 2013





CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

VTC

3 OF 3

Oct. 2013

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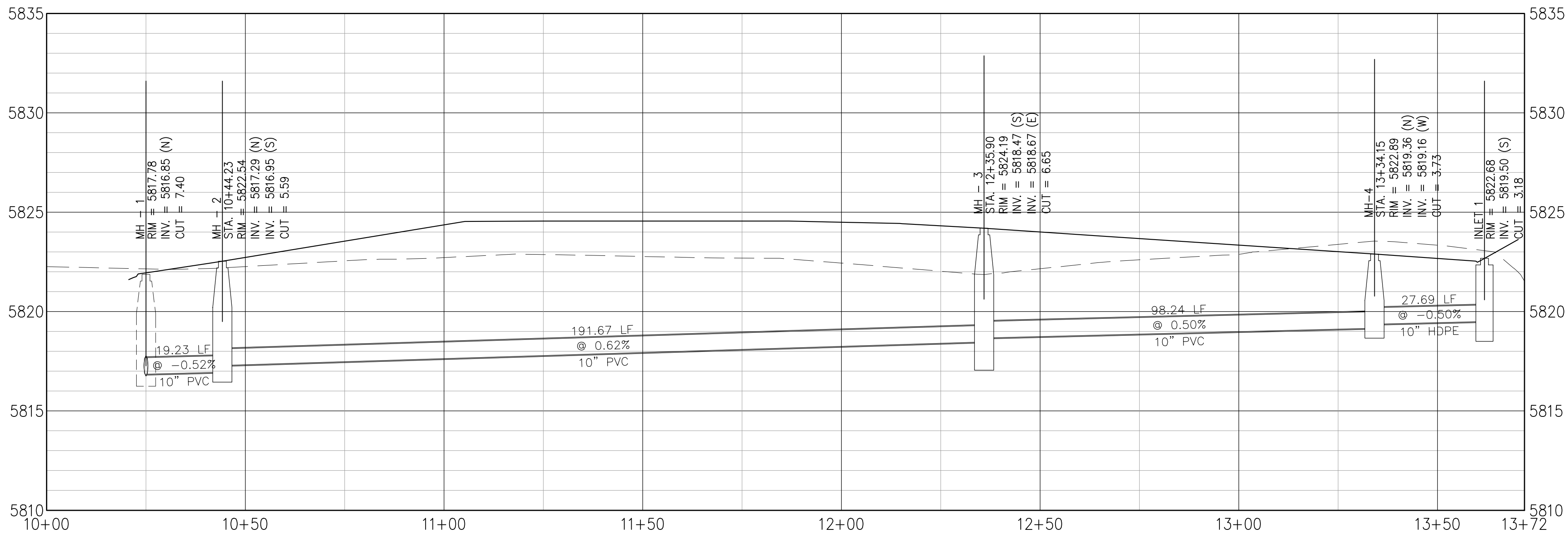
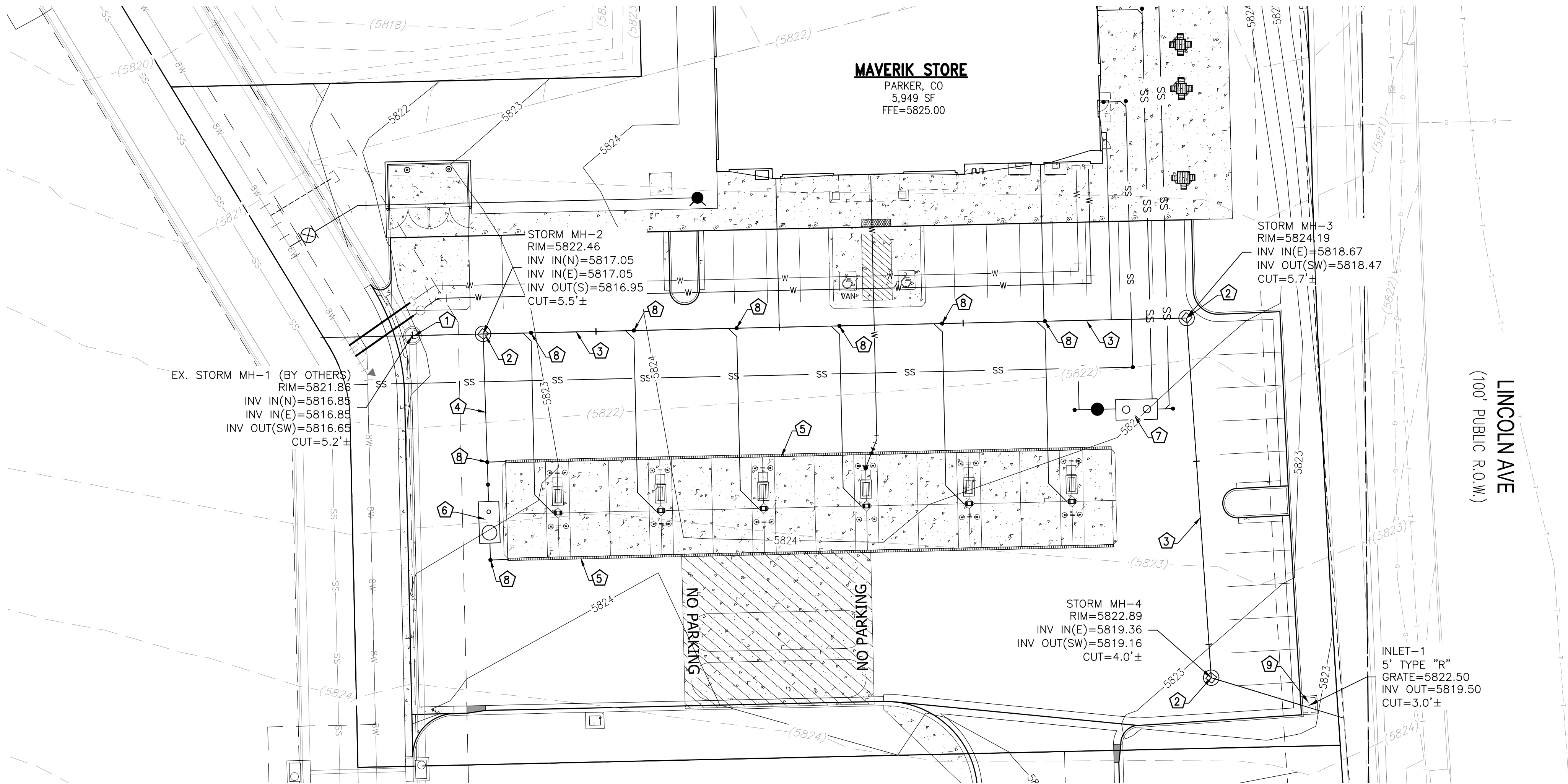
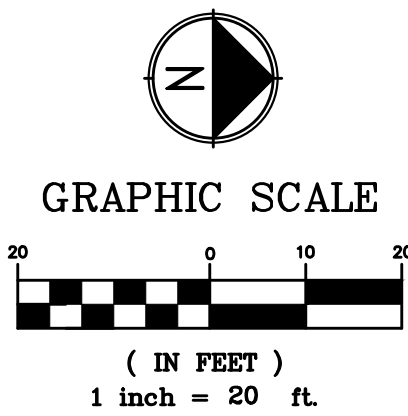


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STORM DRAIN NOTES:

- 1 CONNECT TO EXISTING STORM DRAIN MANHOLE BY OTHERS.
- 2 INSTALL 48" STORM DRAIN MANHOLE
- 3 NEW 10" PVC SDR-35 STORM DRAIN PIPE.
- 4 NEW 6" PVC SDR-35 STORM DRAIN PIPE.
- 5 NEW 8" NDS FILCOTEN PRO V 200 TRENCH DRAIN.
- 6 NEW SPILL CONTROL STRUCTURE
- 7 NEW 1,500 GALLON GREASE INTERCEPTOR.
- 8 NEW STORM DRAIN CLEAN OUT
- 9 NEW 5' TYPE "R" CURB INLET PER CDOT STANDARD PLAN NO. M-604-12.



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

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

TOWN OF PARKER, DIRECTOR OF ENGINEERING

DATE

CONTRACTOR NOTE:

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.



AR DP XX-XXXXX

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LEGEND

 MINERAL MULCH - 1 1/2" LOCAL RIVER ROCK MULCH
AREA: 12,611 S.F. DEPTH: 3" TYP.
OVER DEWITT PRO 5 WEED BARRIER, OR EQUAL

PLANT SCHEDULE

	SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	MATURE WIDTH	SIZE	SPACING	REMARKS
🌳	DECIDUOUS TREES							
	GYM	2	Gymnocladus dioicis	Kentucky Coffeetree	30 - 35'	2" cal.	As Shown	B&B
	QUM	1	Quercus muehlenbergii	Chinkapin Oak	35 - 40'	2" cal.	As Shown	B&B
🌲	EVERGREEN TREES							
	JHC	12	Juniperus chinensis 'Hetzli Columnaris'	Hetzli Column Juniper	4' - 6'	7 gal	As Shown	Cont.
🌳	ORNAMENTAL TREES							
	ACE	14	Acer tataricum 'Hot Wings'	Hot Wings Tatarian Maple	15' - 20'	6' Clump	As Shown	B&B
🌳	SHRUBS							
	ARC	51	Arctostaphylos x coloradensis	Mock Bearberry Manzanita	3 - 4'	5 gal	48" o.c.	
	COR	6	Cornus sericea 'Artic Fire'	Artic Fire Dogwood	3' - 4'	5 gal	60" o.c.	
	CYS	6	Cytisus purgans	Spanish Gold Broom	4 - 5'	5 gal.	60" o.c.	
	EAC	24	Euonymus alatus 'Compacta'	Dwarf Burning Bush	4' - 5'	5 gal.	60" o.c.	
	JUN	32	Juniperus sabina 'Calgary Carpet' TM	Calgary Carpet Juniper	6' - 8'	5 gal	60" o.c.	
	RHU	7	Rhus trilobata 'Autumn Amber	Autumn Amber Sumac	6' - 8'	5 gal	60" o.c.	

PERENNIALS

ORNAMENTAL GRASSES							
SSB	33	Schizachyrium scoparium 'Blaze'	Blaze Little Bluestem	2' - 2.5'	5 gal	48" o.c.	

SIGNATURE PLANTS

SIGNATURE TREES:26
TOTAL NO. OF TREES: 26 = 100 % SIGNATURE TREES
TOTAL NO. OF EVERGREEN TREES:12= 46% EVERGREEN TREES

SIGNATURE SHRUBS AND GRASSES: 146
TOTAL NO. OF SHRUBS: 146 = 100% SIGNATURE SHRUBS

INTERNAL LANDSCAPING		
LANDSCAPE STANDARD	REQUIREMENT	PROVIDED
DEVELOPED AREA	15% OF DEVELOPED AREA TO BE LANDSCAPED (59,104 X 15% = 8,866 SF)	11,804 SF
SITE PERIMETER LANDSCAPE	1 TREE AND 5 SHRUBS PER 40 LINEAR FEET OF EDGE (1,048 LF/ 40 = 26, 26 TREES/ 131 SHRUBS	26 TREES, 131 SHRUBS AND GRASSES
SITE TURF AREA	TURF GRASS NOT TO EXCEED 15% OF TOTAL LANDSCAPE AREA	0 SF TURF
STREETSCAPE PLANTING	STREET TREES NO MORE THAN 40' ON CENTER	0 STREET TREES
PARKING LOT INTERIOR LANDSCAPE	MIN 10% OF PARKING AREA MUST BE LANDSCAPE ISLAND (5,643 SF X 10% = 564 SF)	789 SF, 3 TREES, 28 SHRUBS AND GRASSES
TREE CONSERVATION	1 TREE REPLACED FOR EVERY 1 TREE REMOVED (0 REMOVED)	0 TREES REMOVED/ REPLACED

No.	Date	Description

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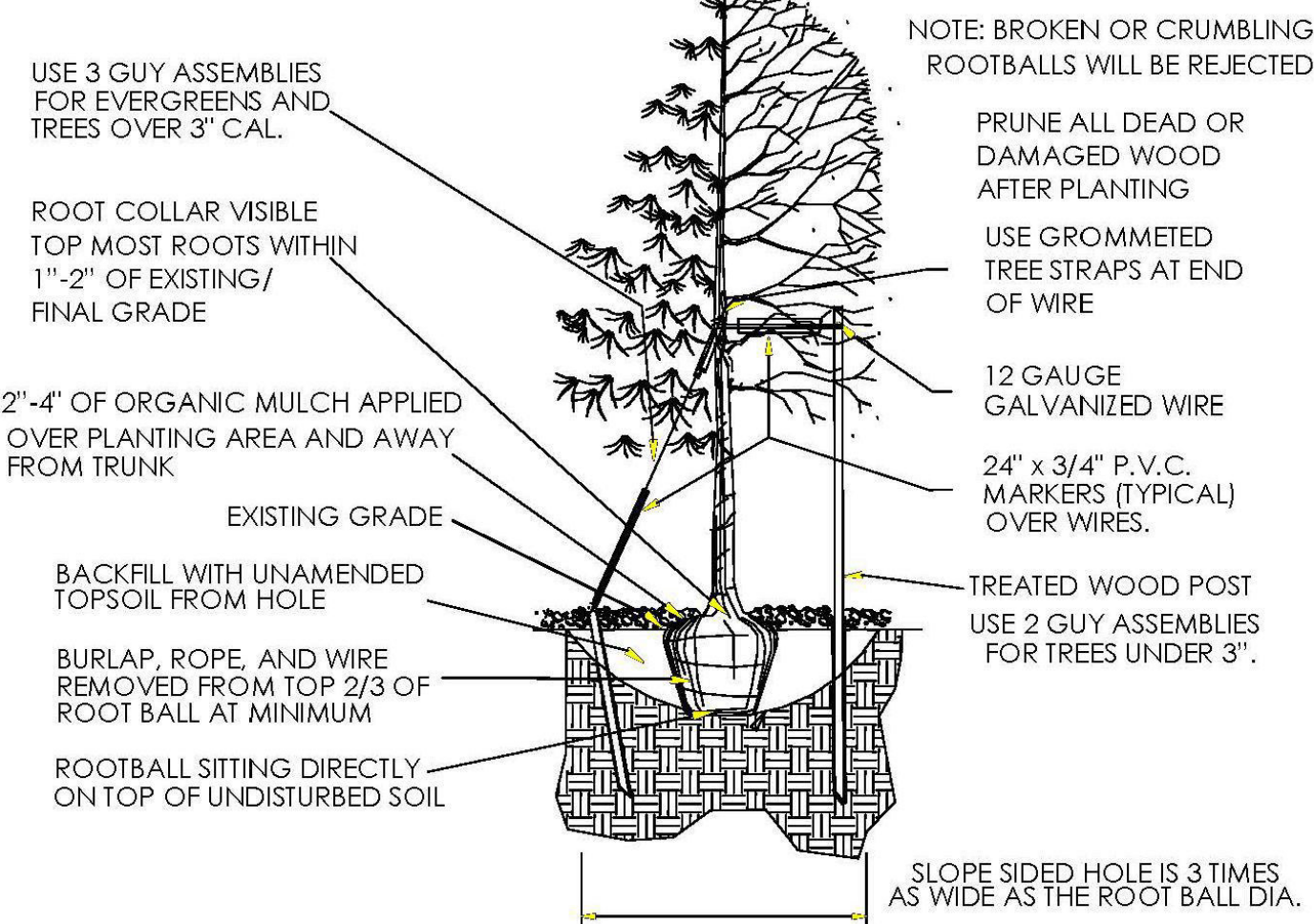
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GENERAL PLANTING NOTES

1. THE CONTRACTOR SHALL BE FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING CONSTRUCTION. SHOULD THE CONTRACTOR CAUSE DAMAGE TO ANY UTILITIES, CONTRACTOR SHALL MAKE NECESSARY REPAIRS AS QUICKLY AS PRACTICABLE, AT OWN EXPENSE.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, IN FULL, ALL PLANTING AREAS (INCLUDING WATERING, SPRAYING, MULCHING, MOWING, FERTILIZING, ETC.) UNTIL THE JOB IS ACCEPTED, IN FULL, BY THE LANDSCAPE ARCHITECT AND OWNER.
3. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE. ALL PLANTS SHALL BE ANA #1 OR BETTER (ACCORDING TO "AMERICAN STANDARDS FOR NURSERY STOCK") AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING, AND AFTER INSTALLATION.
4. CONTRACTOR TO STAKE BED LINES IN FIELD FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO COMMENCEMENT OF PLANTING.
5. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED.
6. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
7. CONTRACTOR SHALL ASSURE DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL. CONTRACTOR SHALL FILL ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE THAT PROPER DRAINAGE AND PERCOLATION IS AVAILABLE. CORRECT IF REQUIRED TO ASSURE PERCOLATION. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ALL PLANTS LOST DUE TO INADEQUATE DRAINAGE CONDITIONS.
8. ALL PLANTED AREAS SHALL BE MULCHED WITH 3" LOOSE MEASURE OF APPROVED MULCH.
9. CONTRACTOR TO GUARANTEE PLANT MATERIAL THRU WRITTEN WARRENTY TO OWNER FOR A PERIOD OF 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION.
10. CONTRACTOR TO REQUEST INSPECTION OF PROJECT IN WRITING. IF ALL WORK IS SATISFACTORY AND COMPLETE IN ACCORDANCE WITH CONDITIONS OF CONTRACT DOCUMENTS, THEN THE LANDSCAPE ARCHITECT SHALL DECLARE THE PROJECT SUBSTANTIALLY COMPLETE.
11. CONTRACTOR TO REPLACE REJECTED PLANT MATERIAL WITHIN TWO WEEKS OF NOTICE. CONTRACTOR IS TO FAMILIARIZE HIMSELF WITH THE LAYOUT, GRADING AND CIVIL ENGINEERING DOCUMENTS TO COORDINATE ACTUAL LOCATION OF TREES AND SHRUBS. OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF FINISH GRADING PRIOR TO THE START OF PLANTING.
12. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
13. STAKE LOCATIONS OF ALL PROPOSED TREES FOR APPROVAL BY THE ARCHITECT AND THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF PLANTING.
14. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, SOIL PREPARATION TESTING, MATERIALS EXECUTION, AND MAINTENANCE.
15. SEE DETAILS AND SPECIFICATIONS FOR STAKING METHOD, PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS. TREE STAKING SHALL BE REMOVED 1 YEAR POST WARRENTY.
16. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
17. ALL TREES OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM UNLESS OTHERWISE NOTED ON THE PLANS.
18. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE FOR IMMEDIATE RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER'S REPRESENTATIVE WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
19. CONTRACTOR IS RESPONSIBLE TO DO THEIR OWN QUANTITY TAKEOFFS FOR ALL PLANT MATERIALS AND SIZES SHOWN ON PLANS. SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING BED AS SHOWN ON THE DRAWINGS.
20. PLANT CROWN ELEVATIONS RELATIVE TO FINISH GRADE ARE SHOWN ON PLANTING DETAILS AND SHALL BE STRICTLY ADHERED TO. PROPER COMPACTION OF BACKFILL TO PREVENT SETTLEMENT SHALL BE REQUIRED.
21. THE LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE DESIGN LANDSCAPE ARCHITECT REGARDING THE REQUIRED SOIL ANALYSIS REPORT AND IS RESPONSIBLE FOR COMPLETING THE SOIL SAMPLING AND SUBMITTING THE SAMPLES TO A SOILS TESTING LAB FOR TESTING. THIS WOULD INCLUDE A SEPARATE LAB TEST REPORT AND RECOMMENDATIONS (AMENDMENT/FERTILIZER AMOUNTS AND APPLICATION RATES) FOR EACH TYPE OF PROPOSED LANDSCAPING (SHRUB BEDS/SOD/NATIVE SEED). THE SOILS LAB RESULTS AND RECOMMENDATIONS ARE REQUIRED TO BE REVIEWED AND APPROVED BY THE DESIGN LANDSCAPE ARCHITECT AND THE CITY OF COLORADO SPRINGS PRIOR TO INSTALLING ANY LANDSCAPING (PLANTS/SOD/NATIVE SEED) ONSITE.
22. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANT MATERIAL DURING INSTALLATION AS APPROPRIATE TO THE PROJECT.
23. ALL LANDSCAPED AREAS SHALL BE IRRIGATED WITH A WATER EFFICIENT IRRIGATION SYSTEM. ALL TURF GRASS AREAS WILL BE ON SPRINKLED WITH STREAM-SPRAY WATER SAVING SPRINKLER ZONES, AND ALL PLANTING AREAS WILL BE WATERED WITH A POINT-SOURCE DRIP IRRIGATION SYSTEM. ALL IRRIGATION WILL BE CONTROLLED BY A MASTER CONTROL VALVE WITH A RAIN-SENSOR MODULE.
24. AN IRRIGATION PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENT WITH THE BUILDING PERMIT SUBMITTAL, AND APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
25. LANDSCAPE IMPROVEMENT AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER, AND/OR THEIR ASSIGNS



- Excavate planting holes with sloping sides. Make excavations at least three times as wide as the root ball diameter and no deeper than the distance from the top most roots in the root ball to the bottom of the root ball to allow for settling. Do not disturb soil at bottom of planting holes, but do score the sides of the planting hole. The planting area shall be loosened and aerated at least three times the diameter of the root ball. Backfill shall consist of existing on site topsoil – no amendments shall be used unless otherwise specified.
- Trees shall be planted with the root collar/flare visible above grade AND two or more structural roots located within the top 1" to 2" of the root ball/finished grade measured 3" to 4" from trunk. This includes trees that are set on slopes (see slope planting detail). Trees that do not have a visible root collar shall be rejected. Do not cover the root ball with soil.
- When root ball will remain intact, cut off bottom 1/4 of wire basket before placing tree in hole, cut off remainder of basket AFTER tree is set in hole, remove basket completely. At a minimum, the top 2/3 of the burlap and basket shall be removed from the root ball on all trees. Remove all nylon ties, twine, rope and burlap. Remove unnecessary packing material.
- Form soil into a 3" to 5" tall watering ring (saucer) around planting area. This is not necessary in irrigated turf areas. Apply 2" to 4" depth of specified mulch over planting area and inside saucers, away from trunk.
- Staking and guying of trees is optional in most planting situations. In areas of extreme winds, or on steep slopes, staking may be required to stabilize trees. Staking and guying must be removed within 1 year of planting date.
- Tree wrap is not to be used on any new plantings, except in late fall planting situations, and only then after consultation with the Town Arborist.
- Resetting of improperly planted trees will only be allowed if it is determined that doing so will in no way compromise the root ball, and shall only be done with approval of the Town Arborist.

TOWN OF PARKER TREE PLANTING DETAIL

Scale: NTS

PRUNE DAMAGED OR DEAD WOOD PRIOR TO PLANTING.

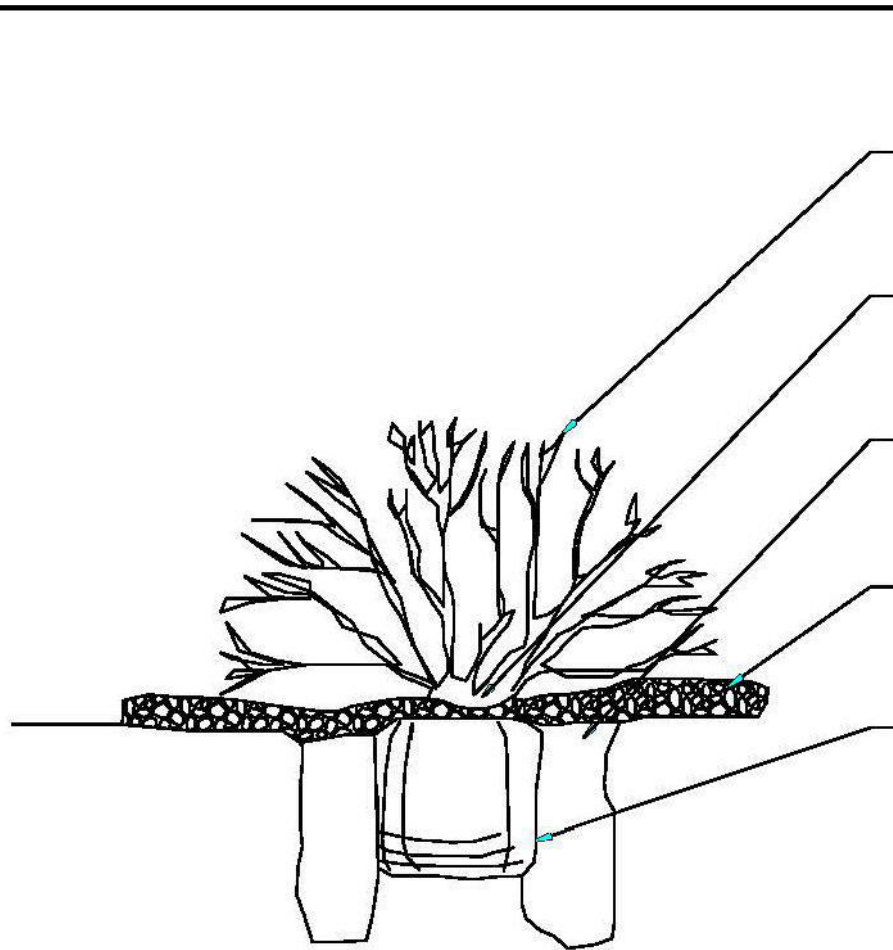
PLANT SHRUB 2" HIGHER THAN ORIGINAL GROWN GRADE

DIG PIT TWICE AS WIDE AS THE CONTAINER

APPLY 2"-4" SPECIFIED MULCH AS SHOWN

LOOSEN OR SCORE SIDES OF ROOTBALL

NOTES:
- BACKFILL AND WATER-IN THOROUGHLY
- BROKEN ROOTBALLS WILL BE REJECTED



TOWN OF PARKER SHRUB PLANTING DETAIL

Scale: NTS

USE 3 GUY ASSEMBLIES FOR EVERGREENS AND TREES OVER 3" CAL.

ROOT COLLAR VISIBLE TOP MOST ROOTS WITHIN 1"-2" OF EXISTING/ FINAL GRADE

2"-4" OF ORGANIC MULCH APPLIED OVER PLANTING AREA AND AWAY FROM TRUNK

EXISTING GRADE

BACKFILL WITH UNAMENDED TOPSOIL FROM HOLE

BURLAP, ROPE, AND WIRE REMOVED FROM TOP 2/3 OF ROOT BALL AT MINIMUM

ROOTBALL SITTING DIRECTLY ON TOP OF UNDISTURBED SOIL

NOTE: BROKEN OR CRUMBLING ROOT BALLS WILL BE REJECTED

PRUNE ALL DEAD OR DAMAGED WOOD AFTER PLANTING

USE GROMMETED NYLON TREE STRAPS AT END OF WIRE

12 GAUGE GALVANIZED WIRE

24" x 3/4" P.V.C. MARKERS (TYPICAL) OVER WIRES.

TREATED WOOD POST USE 2 GUY ASSEMBLIES FOR TREES UNDER 3"

UNAMENDED TOPSOIL ADDED TO EXISTING GRADE ON DOWN HILL SIDE

EXISTING GRADE

SLOPE SIDED HOLE IS 3 TIMES AS WIDE AS THE ROOT BALL

TOWN OF PARKER TREE PLANTING ON SLOPE DETAIL

Scale: NTS

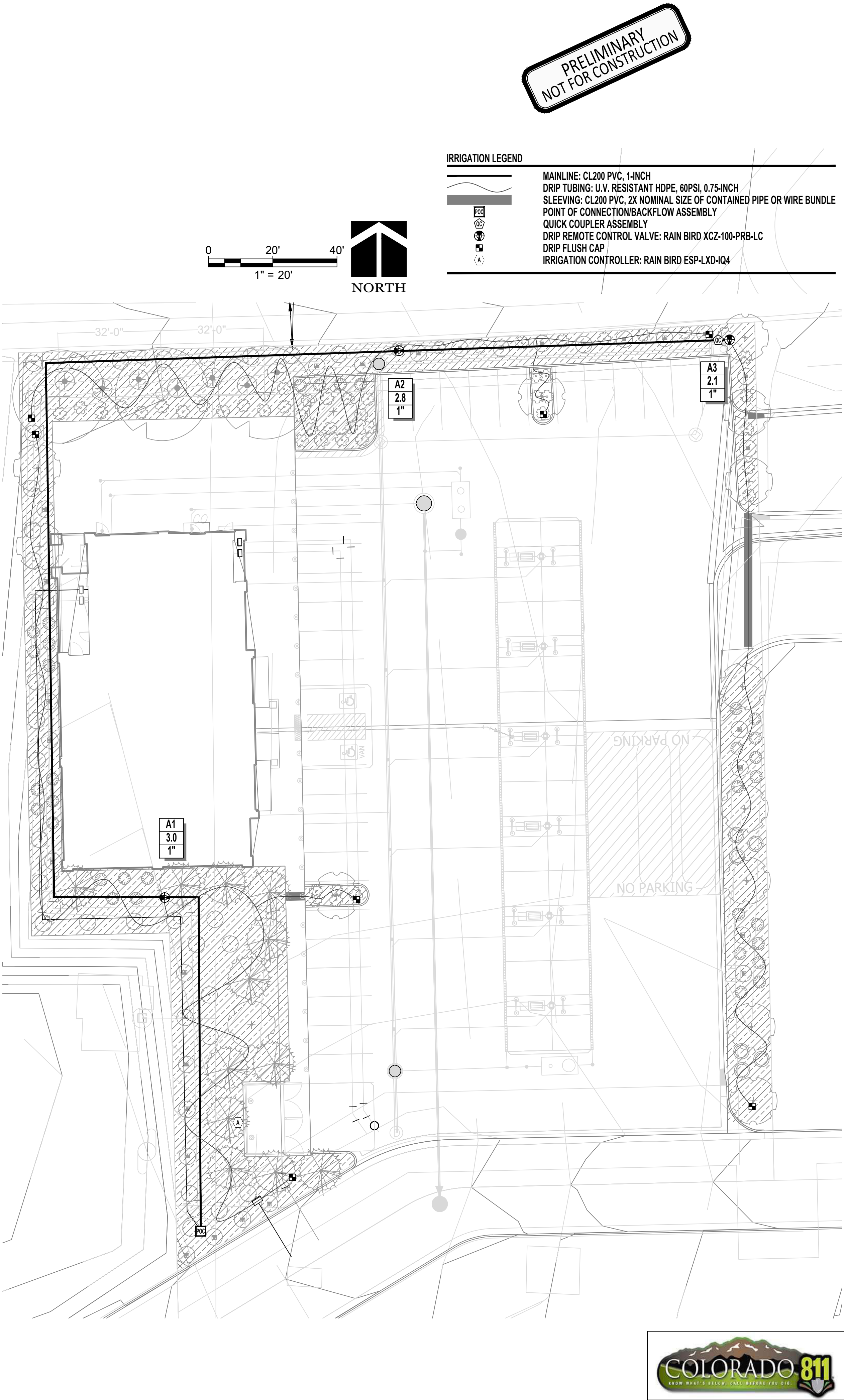
NOTES

1. INSTALL SYSTEM TO IRRIGATE NEW LANDSCAPING. SPRINKLERS IRRIGATE SOD AREAS. DRIP WILL IRRIGATE NEW TREE AND SHRUB PLANTINGS IN PLANTING BEDS. TEMPORARY SPRINKLER IRRIGATION IS PROVIDED FOR ESTABLISHMENT OF NATIVE SEED AREAS. WATER SOURCE WILL BE TO IRRIGATION SERVICE LINE AT LOCATION INDICATED. IRRIGATION BACKFLOW IS LOCATED IN WATER ENTRY ROOM.
2. SYSTEM IS DESIGNED FOR A DYNAMIC PRESSURE OF 65 PSI AT 12 GPM. VERIFY DYNAMIC PRESSURE ONSITE BEFORE INSTALLATION OF SYSTEM.
3. CONTROL WILL BE VIA NEW IRRIGATION CONTROLLER WALL MOUNTED ON ENCLOSURE ADJACENT TO THE POINT OF CONNECTION. CONTROL WILL BE VIA TWO WIRE PATH. INSTALL DECODERS AND GROUNDING PER MANUFACTURER'S RECOMMENDATION. INSTALL CONTROL CABLE NOT ADJACENT TO MAINLINE IN CONDUIT.
4. THE ENTIRE INSTALLATION SHALL FULLY COMPLY WITH ALL LOCAL AND STATE LAWS AND ORDINANCES AND WITH ALL THE ESTABLISHED APPLICABLE CODES.
5. UTILITY LOCATES ("CALL BEFORE YOU DIG"): ARRANGE FOR AND COORDINATE WITH GENERAL CONTRACTOR AND LOCAL AUTHORITIES THE LOCATION OF ALL UNDERGROUND UTILITIES. CALL 1-800-849-2476.
6. WARRANTY IRRIGATION SYSTEM FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK.
7. DO NOT PROCEED WITH THE INSTALLATION OF IRRIGATION COMPONENTS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT CONSIDERED IN THE ENGINEERING. IF DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS EXIST, BRING THEM TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
8. SLEEVING WILL BE INSTALLED BY THE IRRIGATION CONTRACTOR. SLEEVES ARE REQUIRED FOR BOTH PIPING AND CONTROL WIRING AT EACH HARDSCAPE CROSSING. SIZE SLEEVES TO BE TWICE THE SIZE OF THE PIPE OR WIRE BUNDLE THAT IS CARRIED IN SAID SLEEVE.
9. MAINLINE PIPE:
 - a. USE CLASS 200 SDR 21 NSF APPROVED RIGID PVC PIPE.
 - b. USE SOLVENT WELD PIPE.
 - c. USE SCHEDULE 40, TYPE 1, PVC SOLVENT WELD FITTINGS. USE PRIMER APPROVED BY THE PIPE MANUFACTURER.
 - d. MAINLINE PIPE IS 1.5" NOMINAL SIZE UNLESS INDICATED OTHERWISE.
 - e. CONDUCT A MAINLINE PRESSURE TEST AT AVAILABLE PRESSURE OVER ONE HOUR. ALLOWABLE PRESSURE DROP IS 5 PSI.
 - f. MAINLINE PIPE TO BE BURIED WITH 24-INCHES OF COVER.
10. DRIP TUBING:
 - a. USE U.V. RESISTANT POLYETHYLENE RATED FOR 60 PSI.
 - b. USE COMPRESSION FITTINGS PER MANUFACTURER RECOMMENDATION.
 - c. DRIP TUBING TO BE BURIED WITH 4-INCHES OF COVER.
11. COMPACT TRENCHES IN 6-INCH LIFTS TO 90% PROCTOR DENSITY. PUDDLING OF TRENCHES IS NOT ALLOWED.
12. PROVIDE TWO (2) OPERATING KEYS FOR EACH TYPE OF MANUALLY OPERATED VALVE.
13. FURNISH ACCURATE REPRODUCIBLE "AS-BUILT" DRAWINGS SHOWING FIELD CHANGES IN LAYOUT AND EQUIPMENT INSTALLATION. AS-BUILT DRAWINGS TO BE PLOTTED OUT FULL SCALE ALSO INCLUDE AN ELECTRONIC COPIES IN AUTOCAD AND ADOBE ADOBE (PDF) FORMAT.
14. CLEAN UP ALL DEBRIS RELATED TO THE JOB, AND LEAVE THE SITE IN A CLEAN TIDY CONDITION.
15. TEST AND DEMONSTRATE TO THE OWNER'S REPRESENTATIVE THE SATISFACTORY OPERATION OF THE SYSTEM.

Irrigation Schedule
Maverik Store, Parker CO

Station	Plant Type	Peak Season Applied Depth (Inches)	Flow (GPM)	Area (Sq.Ft.)	Precip (In/Hr)	Daily Runtime (min)
A1	Trees/Shrubs	NA	3	6351	0.05	20*
A2	Trees/Shrubs	NA	2.8	4045.7	0.07	20*
A3	Trees/Shrubs	NA	2.1	2484.8	0.08	20*

* DRIP ZONES TO RUN 20 MINUTES DAILY FOR ESTABLISHMENT ONLY. AFTER PLANTS ARE ESTABLISHED, SCHEDULE DRIP ZONES TO RUN 45 MINUTES, TWICE A WEEK.



PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

No. Date Description

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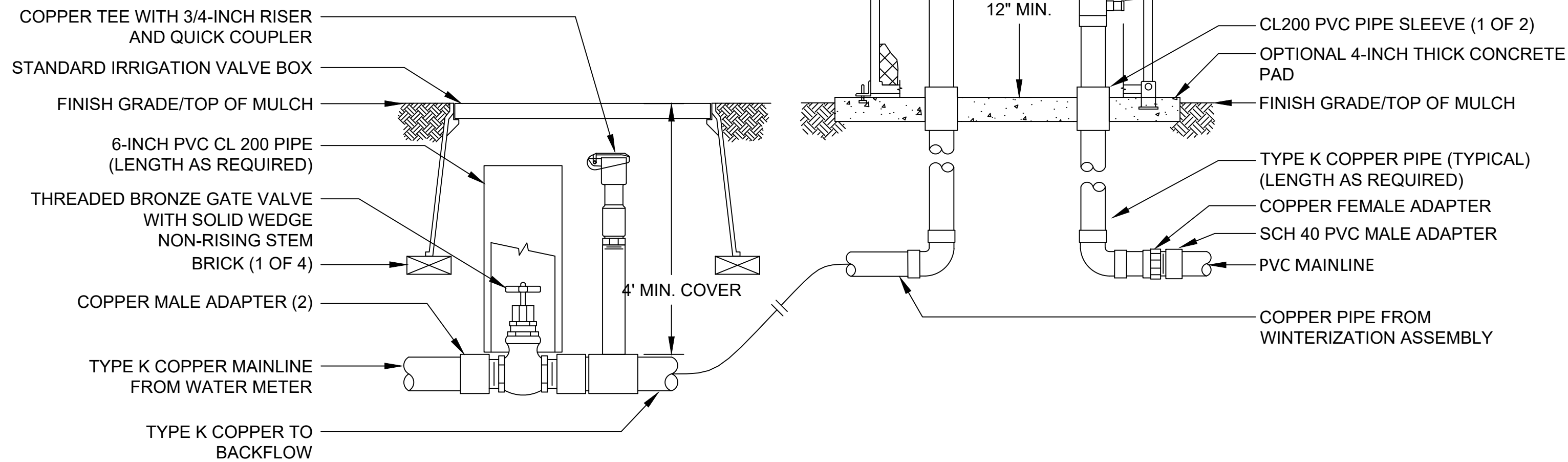
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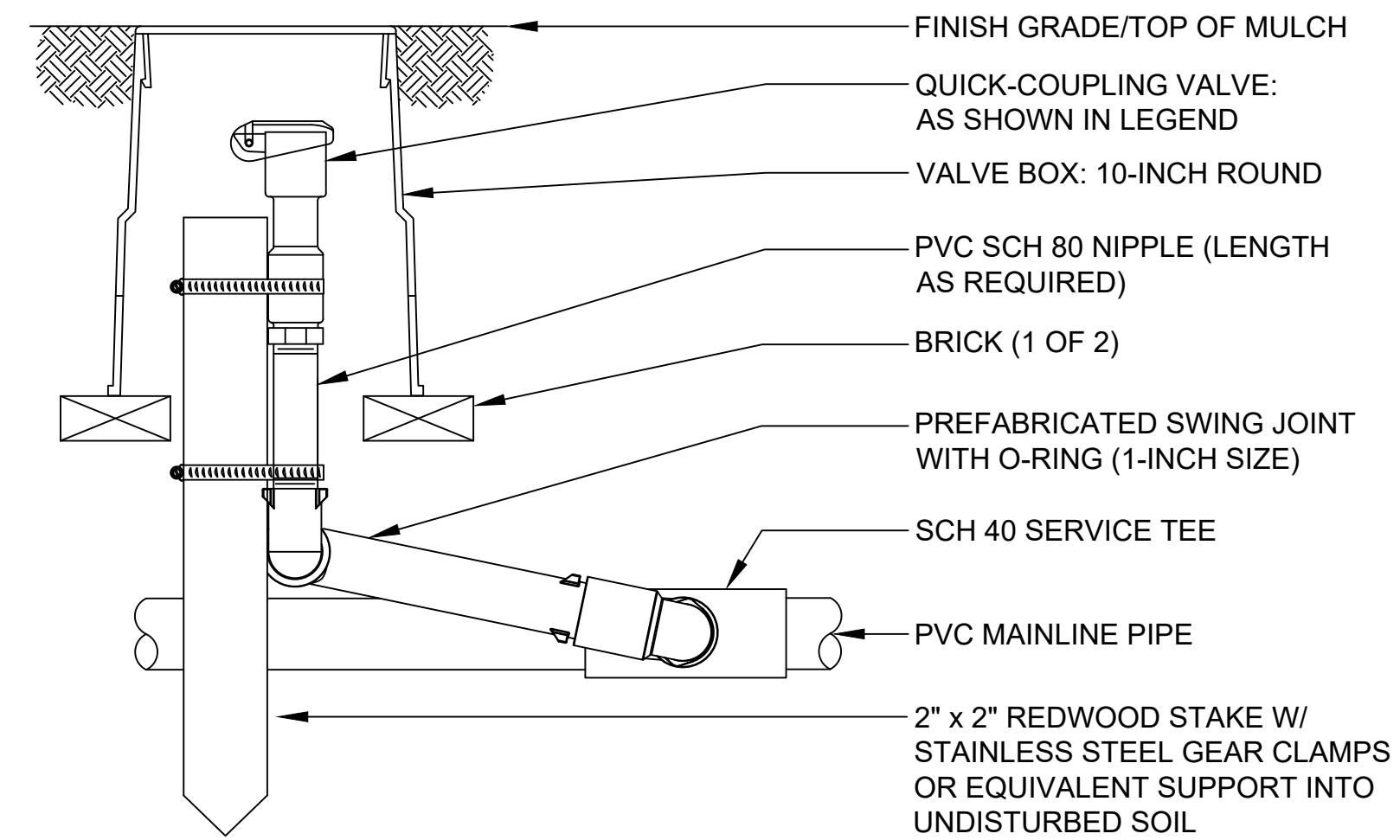
Irrigation
Plan

Plot Date: 2022-03-09 File Location: C:\Users\lara\Dropbox\All\Russell Mills\Maverik\Drawings\1-Maverik.dwg

NOTE:
1. FURNISH FITTINGS, PIPE AND BACKFLOW SIZED IDENTICALLY WITH NOMINAL IRRIGATION TAP SIZE.



1 BACKFLOW PREVENTION ASSEMBLY



2 QUICK COUPLING VALVE ASSEMBLY

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

No.	Date	Description

NOTE:
Bid documents should not be separated or issued as partial sets to subcontractors. Bidders are responsible for all portions of the documents that pertain to work covered by sub-bids. Bidder assumes full responsibility for error or misinterpretations resulting from partial sets of Bidding Documents by itself or any sub-bidder.

Conflicting information or errors found in the construction documents should be brought to the attention of the architect immediately. In the event of a conflict in the drawings, bidder should not assume the least expensive option will meet the project requirements.



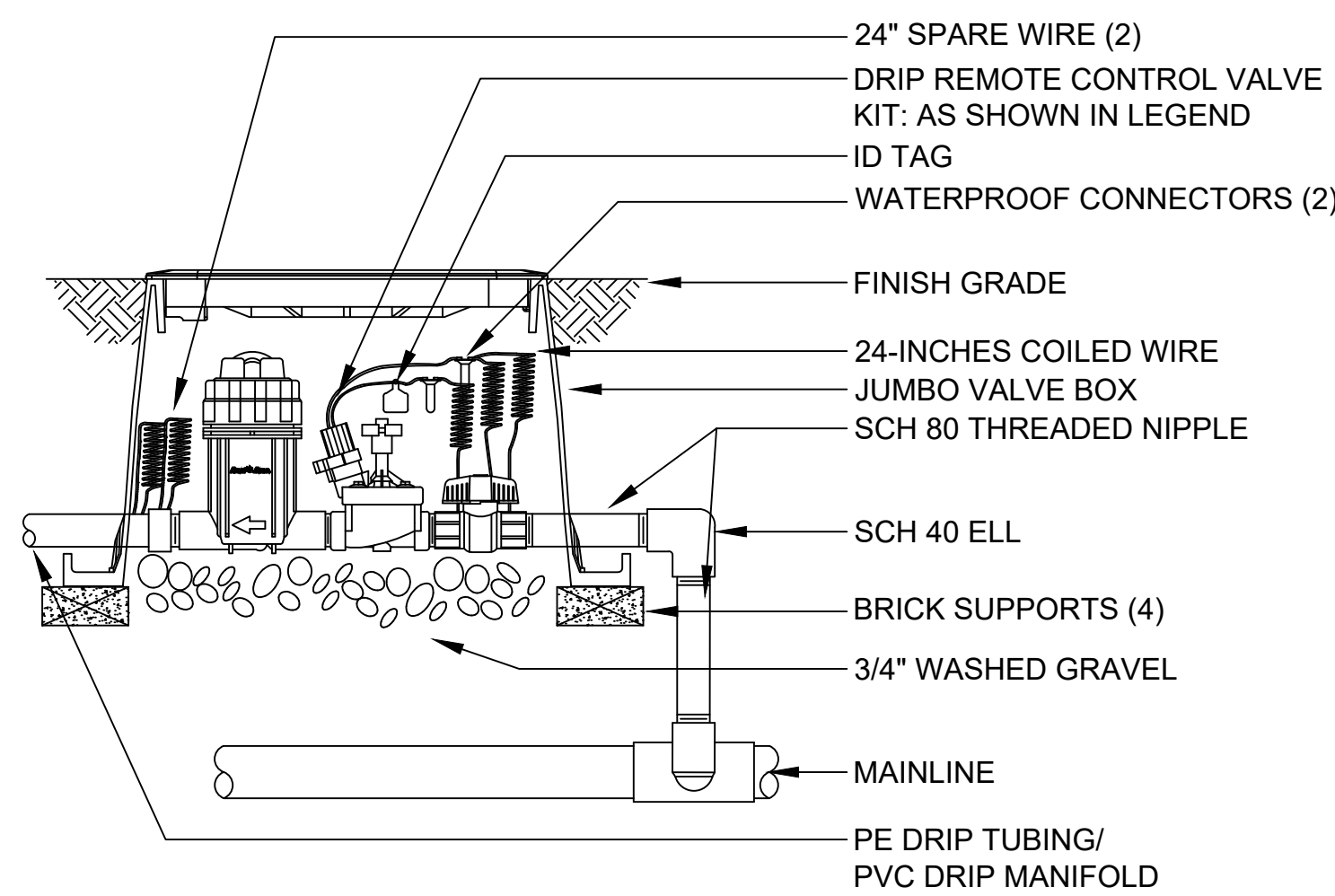
MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO

PRELIMINARY
NOT FOR CONSTRUCTION

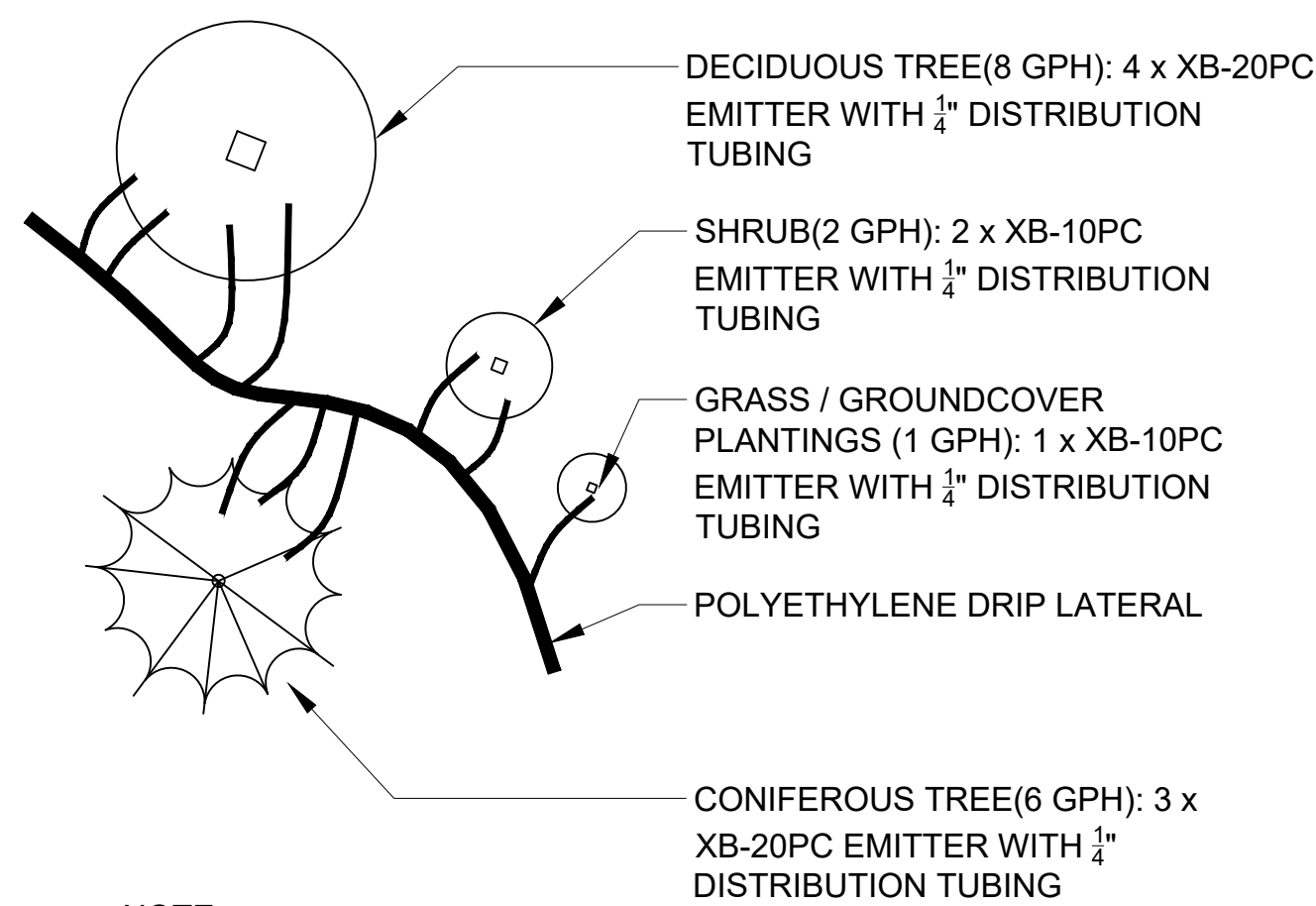
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Irrigation
Details

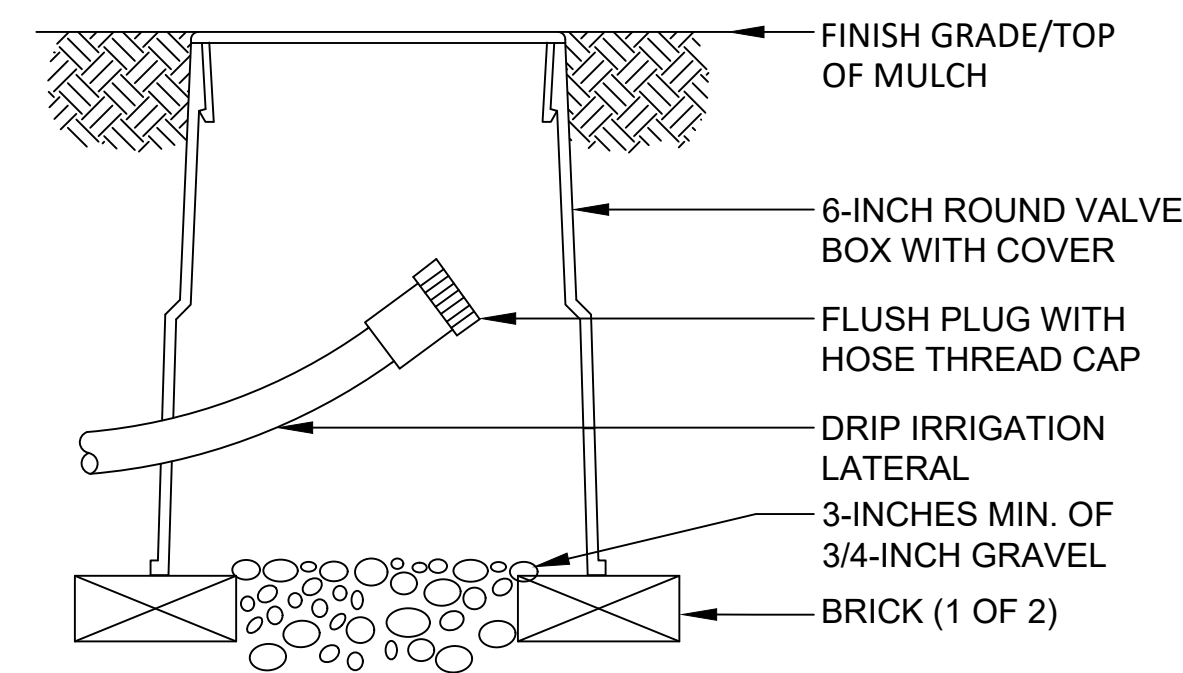
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3 DRIP REMOTE CONTROL VALVE ASSEMBLY



4 TYPICAL EMITTER PLACEMENT & SCHEDULE



5 DRIP FLUSH CAP ASSEMBLY

