El Paso County Planning Comments

Colorado Springs **Jtilities Comments**

LEGEND

PROPOSED LINES AND SYMBOLS

CONCRETE ASPHALT PAVING LANDSCAPING v v v CURB AND GUTTER SPILL CURB BARRIER CURB EDGE OF PAVEMENT LINE SIDEWALK LINE WALL LINE HAND RAILING / RAILING ACCESSIBLE ROUTE \leftarrow - - \leftarrow -

—— w ——

—— G —— —— Р ——

CONTOUR LINE STORM DRAIN SAW CUT LINE SANITARY SEWER WATER GAS ELECTRICAL/POWER DATA/COMMUNICATIONS TELEPHONE

PAINTED LINES PAINTED DIRECTIONAL SYMBOLS

PAINTED CROSSWALK SITE LOT LIGHT SIGN; SIGN AND POST SIGN PER ARCHITECTURAL GAS METER **GREASE INTERCEPTOR** GUARD POST/BOLLARD SANITARY SEWER CLEANOUT

STORM DRAIN CATCH BASIN STORM DRAIN CLEANOUT ELECTRICAL TRANSFORMER ELECTRICAL PULL BOX

WATER METER/BACKFLOW

EXISTING LINES AND SYMBOLS

EASEMENT LINES ____ PROPERTY LINE CURB LINES SIDEWALK LINES _____ GUTTER LINE CONCRETE LINE _____ CONTOUR LINE FIBER/DATA LINE ——F/O—— ELECTRIC LINE ——ELE—— WATER LINE -----WTR-----GAS LINE ———GAS—— SANITARY LINE WATER METER SANITARY SEWER MANHOLE

-----SAN---LOT LIGHT FIRE HYDRANT WATER VALVE GAS VALVE SIGN AND POST UTILITY PEDESTAL IRR. CONTROL VALVE PIPE BOLLARD CLEANOUT POWER/UTILITY POLE STORM DRAIN CATCH BASIN

TRANSFORMER

TREES

GENERAL SITE NOTES

THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.

CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. BARGHAUSEN CONSULTING ENGINEERS, INC. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTION ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.

. INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE GOVERNING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.

PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE ONE WEEK MINIMUM ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.

THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.

GEOTECHNICAL REPORT NOTES

GEOTECHNICAL ENGINEERING STUDY

5810 OMAHA BLVD, COLORADO SPRINGS, CO

PROPOSED DUTCH BROS COFFEE

CMT ENGINEERING LABORATORIES

WEST VALLEY CITY, UT 84119

THE ARCHITECT/ENGINEER FOR DETERMINATION.

THE WORK WAS PERFORMED TO HIS/HER SATISFACTION.

UTILITY CONFLICT NOTE:

PRIOR TO PROCEEDING WITH CONSTRUCTION.

HORIZONTAL CONTROL NOTE:

DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

MONUMENT PROTECTION NOTE:

PROJECT NO. 21112 DATE: DECEMBER 12, 2023

2796 S REDMOND RD

CONSTRUCTION DOCUMENTS:

THE FOLLOWING GEOTECHNICAL REPORTS FOR THE SITE SHALL BE CONSIDERED PART OF THESE

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL PROVISIONS OF THE SOILS

THESE DRAWINGS, OR WHICH REQUIRE FURTHER CLARIFICATION, SHALL BE BROUGHT TO THE ATTENTION OF

EARTHWORK OPERATIONS AND TO VERIFY FIELD CONDITIONS AS WORK PROCEEDS. THE SOILS ENGINEER

OPERATIONS WERE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS INVESTIGATION AND THAT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF

ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES

AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL

INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLING ALL OF THE EXISTING UTILITIES AT

LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED

PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE

LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST.

CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS

CONTRACTOR SHALL HAVE ALL PROPERTY LINES, CURB, SIDEWALK, STRUCTURES, CONCRETE PADS AND

COORDINATE GEOMETRY (RECTIFIED TO SITE CONTROL) CONTAINED IN CAD DRAWING FILES PROVIDED B

BARGHAUSEN CONSULTING ENGINEERS, INC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RETRIEVE

LATEST CAD FILES FROM BARGHAUSEN CONSULTING ENGINEERS INC., REFLECTING ANY ISSUED PLAN

ALL EXISTING SURVEY MONUMENTS ARE TO BE PRESERVED PER COLORADO REVISED STATUES. IT IS TH

PERPETUATED, IF ANY OF THE MONUMENTS ARE DISTURBED OR ARE NEAR THE AREA OF CONSTRUCTION

PERPETUATED AND THE APPROPRIATE DOCUMENTATION HAS BEEN RECORDED. CONTRACTOR SHALL BE

ACTIVITY. UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED

SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR. AT THE COST AND AT THE DIRECTION OF THE

CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF

REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION

CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT MONUMENTS ARE PROPERLY PROTECTED AND/OR

A LICENSED SURVEYOR MUST CONFIRM THAT THE MONUMENTS HAVE BEEN PROTECTED AND/OR

FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM ANY JURISDICTIONS HAVING AUTHORITY FOR

SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

ANY OTHER ABOVE GROUND PERMANENT STRUCTURE DEPICTED ON THESE PLANS STAKED FOR

REVISIONS. BARGHAUSEN CONSULTING ENGINEERS SHALL IMMEDIATELY BE NOTIFIED OF ANY

CONSTRUCTION BY A LICENSED SURVEYOR. LICENSED SURVEYOR SHALL STAKE ALL ITEMS USING

SHALL SUBMIT FIELD REPORTS CERTIFYING THAT THE METHODS AND MATERIALS OF THE EARTHWORK

REPORT FOR THE SITE BE OBSERVED AND COMPLIED WITH DURING ALL PHASES OF THE SITE

3. ANY PROVISIONS OF THE SOILS REPORT WHICH CONFLICT WITH INFORMATION SHOWN ELSEWHERE ON

4. A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE AVAILABLE TO OBSERVE AND APPROVE THE

5. THE SOILS ENGINEER SHOULD BE NOTIFIED AT LEAST FIVE (5) WORKING DAYS PRIOR TO ANY SITE

PREPARATION, GRADING OPERATIONS, FOUNDATION, SLAB, AND PAVING CONSTRUCTION.

10. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.

1. TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO BARCHAUSEN CONSULTING ENGINEERS, INC. AT COMPLETION OF PROJECT.

12. CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL CONTROL FOR ALL NEW IMPROVEMENTS. STAKING CONTROL SHALL BE TAKEN FROM ELECTRONIC PLAN FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS, INC.

13. CONTRACTOR SHALL REQUEST FROM BARGHAUSEN CONSULTING ENGINEERS, INC., PRIOR TO ANY CONSTRUCTION STAKING OR CONSTRUCTION WORK, A FORMAL CONSTRUCTION RELEASE PLAN SET OR SPECIFIC RELEASE IN WRITING. THE APPROVED AGENCY PERMIT DRAWINGS WILL NOT BE CONSIDERED CONSTRUCTION RELEASE PLANS BY BARGHAUSEN CONSULTING ENGINEERS, INC. UNLESS BARGHAUSEN CONSULTING ENGINEERS, INC. HAS GIVEN A FORMAL WRITTEN RELEASE OR ISSUED A CONSTRUCTION RELEASE PLAN SET.

LEGEND

ABBREVIATIONS

MIN

PCC

PUE

ROW

SCH

SHT

STA

STD

SWR

TOP

AGGREGATE BASE

BACK OF WALK

CENTER LINE

CONCRETE

ELEVATION

FIRE HYDRANT

EDGE OF PAVEMENT

DRAWING

EXISTING

FLOW LINE

LINEAR FEET

STORM DRAIN

MAXIMUM

MANHOLE

INVERT

BOUNDARY

BNDY

BOW

CONC

DWG

ELEV

MAX

ASPHALT CONCRETE PAVEMENT

SANITARY SEWER

PROPERTY LINE

POWER POLE

RIGHT OF WAY

SCHEDULE

SHEET

STATION

STANDARD

SIDEWALK

TOP OF PIPE

TYPICAL

TRASH ENCLOSURE

SEWER

PORTLAND CONCRETE CEMENT

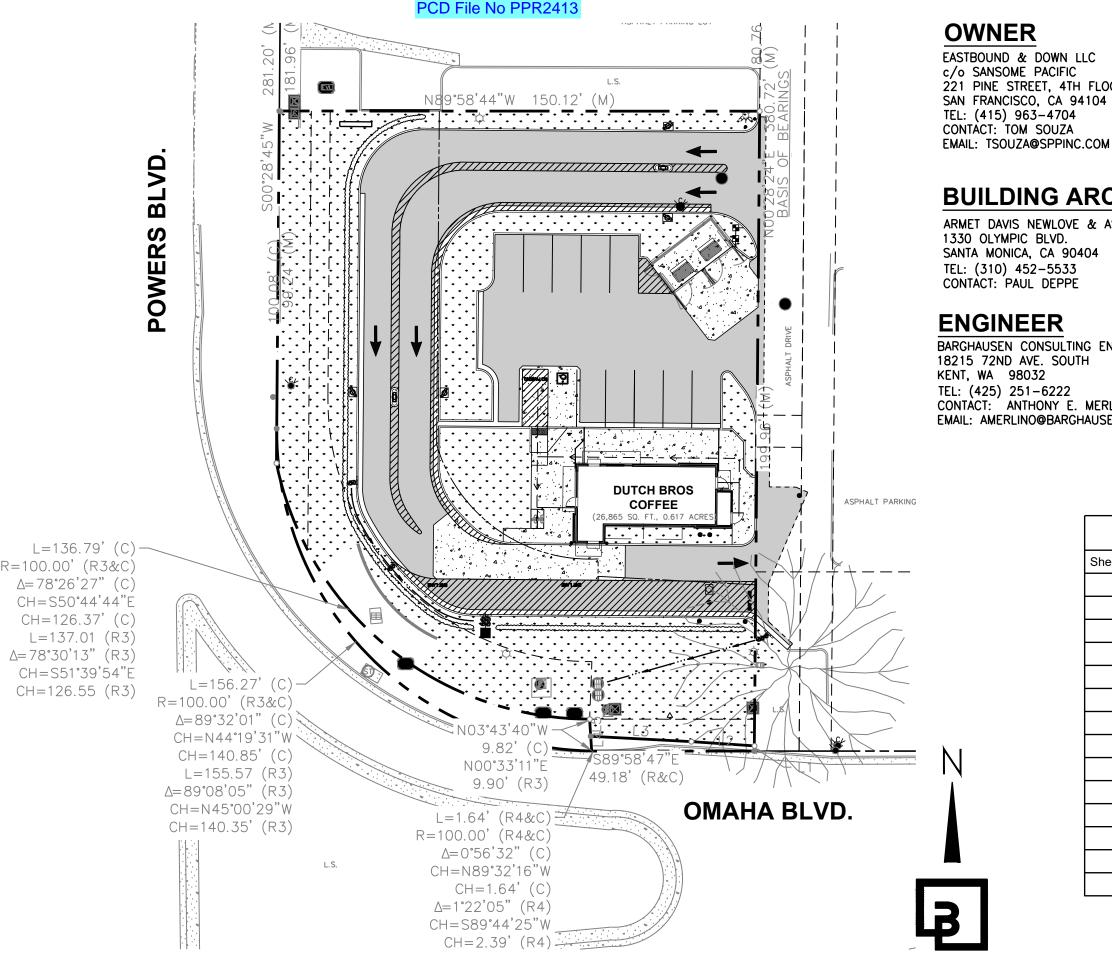
PUBLIC UTILITY EASEMENT

POLYVINYL CHLORIDE

MINIMUM

DUTCH BROS. COFFEE - CO0907, COLORADO SPRINGS, CO

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO



EASTBOUND & DOWN LLC c/o SANSOME PACIFIC 221 PINE STREET, 4TH FLOOR SAN FRANCISCO, CA 94104 TEL: (415) 963-4704

BUILDING ARCHITECT

ARMET DAVIS NEWLOVE & ASSOCIATES 1330 OLYMPIC BLVD. SANTA MONICA, CA 90404 TEL: (310) 452-5533

CONTACT: PAUL DEPPE **ENGINEER**

BARGHAUSEN CONSULTING ENGINEERS, INC. 18215 72ND AVE. SOUTH KENT, WA 98032 TEL: (425) 251-6222 CONTACT: ANTHONY E. MERLINO, P.E. EMAIL: AMERLINO@BARGHAUSEN.COM

DEVELOPER

DUTCH BROS COFFEE 110 SW 4TH STREET GRANTS PASS, OR 97526 TEL: (916) 765-7270 CONTACT: RUSS ORSI

GEOTECHNICAL

CMT ENGINEERING LABORATORIES 2796 S REDMOND RD WEST VALLEY CITY, UT 84119 TELE: (801) 590-0394 CONTACT: PHIL PACK, P.E.

SURVEYOR

FORTH LAND SURVEYING, INC. 1586 S. 21ST STREET, SUITE 10 COLORADO SPRINGS, CO 80904 TELE: (719) 722-7446 CONTACT: CAMERON FORTH EMAIL: CAMERON@FORTHLS.COM

CIVIL SHEET INDEX Sheet Title COVER SHEET GENERAL NOTES ALTA - NSPS LAND TITLE SURVEY DEMOLITION PLAN ROSION AND SEDIMENT CONTROL PLAN EROSION CONTROL DETAILS SITE PLAN HORIZONTAL CONTROL PLAN 8 GRADING PLAN 9 10 DRAINAGE PLAN 11 UTILITY PLAN 12 CIVIL DETAILS 13 CIVIL DETAILS AGENCY DETAILS

DATE

S VICINITY MAP **PROJECT DATA:**

SITE LOCATION

DUTCH BROS COFFEE - C00907 LOCATION: 5810 OMAHA BLVD, COLORADO SPRINGS, CO 80915 APN: 540-630-4025

Omaha Blvd

Only 10 spaces are

shown on the site

plan. Please make

this match what is

PROPOSED USE: DRIVE-THRU COFFEE STAND

GROSS PROJECT AREA: 26,869 SF (0.62 ACRES) PARCEL AREA: 26,869 (0.62 ACRES)

ZONING: CR (COMMERCIAL REGIONAL)

FLOOD PLAIN: ZONE "X" BUILDING AREA: 950 SQ. FT. BUILDING HEIGHT: 24'-0" FIRE SPRINKLERS: NO

- REQUIRED: PER 100 SF OF GROSS FLOOR AREA, 10 SPACES - PROPOSED! 12 SPACES INCLUDING 1 VAN ACCESSIBLE SPACE

PROPOSED GROUND COVER SUMMARY

PROPOSED GROUND COVER SUMMART.		
BUILDINGS (INCLUDES TRASH ENCLOSURE): PARKING AND MANEUVERING:	1,222 SF 13,269 SF	(4.6%) (49.4%)
WALKWAYS:	1,352 SF	(5.0%)
LANDSCAPE:	10,529 SF	(39.2%)
EXISTING LANDSCAPING	497 SF	(1.8%)
	26,869 SF	(100.0%)

Preliminary review additional review required

Reviewed by: malcuran 04/24/2024 3:01:07 PM

OWNER'S STATEMENT I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS

SCALE: 1"=30"

OWNER SIGNATURE

ENGINEER OF RECORD

THE GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS.

04/10/2024 ENGINEER OF RECORD SIGNATURE DATE

LEGAL DESCRIPTION:

LOT 2, POWERS PLAZA, EXCEPT THOSE PORTIONS CONVEYED TO THE CITY OF COLORADO SPRINGS IN WARRANTY DEED RECORDED IN BOOK 5259 AT PAGE 1296 AND IN CORRECTION WARRANTY DEED IN BOOK 5474 AT PAGE 196 AND IN WARRANTY DEED RECORDED IN BOOK 5474 AT PAGE 198, COUNTY EL PASO, STATE OF COLORADO.

NON-EXCLUSIVE EASEMENT SET FORTH IN THE COVENANTS FOR OPERATIONS MAINTENANCE AND RECIPROCAL EASEMENTS RECORDED OCTOBER 13, 1982 IN BOOK 3621 AT PAGE 592 AND AMENDED BY INSTRUMENT RECORDED DECEMBER 3, 1985 IN BOOK 5095 AT PAGE 982

BASIS OF BEARING

BEARINGS ARE BASED ON THE EAST LINE OF LOT 2 OF POWERS PLAZA, LOT 2 OF POWERS CENTRE FILING NO.2, AND LOT 2 OF POWERS CENTRE. MONUMENTED ON THE SOUTH END WITH A NAIL AND ILLEGIBLE 1" WASHER. FOUND FLUSH IN CONCRETE CURB, AND ON THE NORTH END WITH A NO. 5 REBAR WITH NO CAP FOUND WITH GRADE, AND IS ASSUMED TO BEAR NO0'28'24"E A MEASURED DISTANCE OF 380.72 FT

FLOOD ZONE:

THE FLOOD ZONE DESIGNATION FOR THE SUBJECT PROPERTY IS ZONE X, ACCORDING TO FLOOD INSURANCE RATE MAP NUMBER 08041C0751G, EFFECTIVE DATE OF DECEMBER 7, 2018. ZONE X IS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

EXISTING TOPOGRAPHY / SURVEY INFORMATION NOTE:

AN A.L.T.A./N.S.P.S. TOPOGRAPHIC AND BOUNDARY SURVEY DATED DECEMBER 2, 2022; PERFORMED BY FORTH LAND SURVEYING, INC., AND HAS BEEN PROVIDED TO BARGHAUSEN CONSULTING ENGINEERS, INC. BARGHAUSEN CONSULTING ENGINEERS, INC. HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN SITE DESIGN HAS BEEN BASED ON ABOVE REFERENCED SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER TO HAVE ALL IMPROVEMENTS FIELD VERIFIED PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF BARGHAUSEN CONSULTING ENGINEERS, INC.

ENGINEERING STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS. ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

04/10/2024 ENGINEER OF RECORD SIGNATURE

EL PASO COUNTY

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/ OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/ OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL,

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JENNIFER IRVINE, P.E. COUNTY ENGINEER/ECM ADMINSTRATOR

DATE

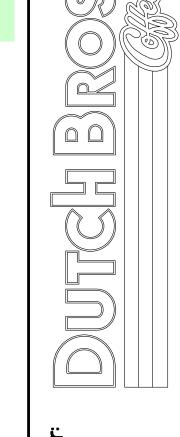
REVIEW ENGINEER

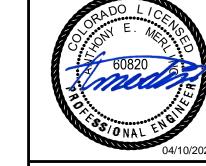
THE GRADING AND EROSION CONTROL PLAN WAS REVIEWED AND FOUND TO MEET THE CHECKLIST REQUIREMENTS EXCEPT WHERE OTHERWISE NOTED OR ALLOWED BY AN APPROVED DEVIATION REQUEST.

REVIEW ENGINEER

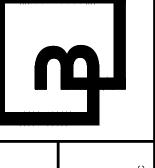
File Number PPR2413

SHEE HA BI COVE 5810 C' RAF









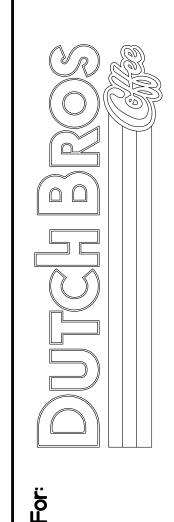
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

- 1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- 2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- 3. A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON—SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- 4. ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A RECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- 5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- 6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- 7. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- 8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF RE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- 9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- 10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- 11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- 12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
- 13. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- 14. DURING DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- 15. EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- 17. WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES
- 18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- 19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- 20. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON—SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- 21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- 22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ON—SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- 23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- 24. OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- 25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- 26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- 27. A WATER SOURCE SHALL BE AVAILABLE ON-SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- 28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY <u>CMT ENGINEERING LABORATORIES</u>, <u>DATED DECEMBER 12, 2023</u> AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- 29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN(SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

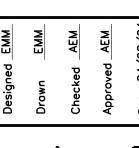
COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL DIVISION
WQCD - PERMITS
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246-1530
ATTN: PERMITS UNIT

GENERAL NOTES 5810 OMAHA BLVD COLORADO SPRINGS, CO 8091

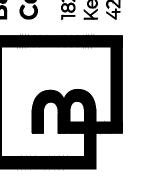










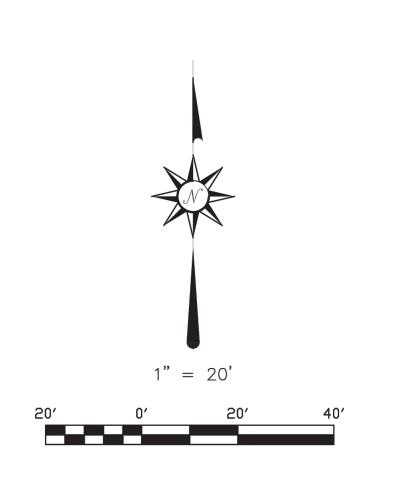


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23098Sheet

ALTA/NSPS LAND TITLE SURVEY

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH P.M. CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO



LEGAL DESCRIPTION:

LOT 2, POWERS PLAZA, EXCEPT THOSE PORTIONS CONVEYED TO THE CITY OF COLORADO SPRINGS IN WARRANTY DEED RECORDED IN BOOK 5259 AT PAGE 1296 AND IN CORRECTION WARRANTY DEED IN BOOK 5474 AT PAGE 196 AND IN WARRANTY DEED RECORDED IN BOOK 5474 AT PAGE 198, COUNTY EL PASO, STATE OF COLORADO.

NON-EXCLUSIVE EASEMENT SET FORTH IN THE COVENANTS FOR OPERATIONS MAINTENANCE AND RECIPROCAL EASEMENTS RECORDED OCTOBER 13, 1982 IN BOOK 3621 AT PAGE 592 AND AMENDED BY INSTRUMENT RECORDED DECEMBER 3, 1985 IN BOOK 5095 AT PAGE 982.

(For informational purposes only — APN: 5406304025)

The property described and shown hereon is the same property as described in IQ Report, File No. SC0916544, dated 10/23/2023 as provided by TitleVest, a First American Company.

IQ REPORT ITEMS

Lease/Easements:

4. Variance, Indemnity Agreement and Public Notice in instrument recorded October 24, 1988 at Reception No. 1759141. —AFFECTS SUBJECT PARCEL, BLANKET IN NATURE 5. Memorandum of Lease and Right of of First Offer in instrument recorded December 27, 2022 at Reception No. 222152304. —AFFECTS SUBJECT PARCEL, NOT SURVEY RELATED 6. Memorandum of Leasehold and Right of of First Refusal in instrument recorded December 27, 2022 at Reception No. 222152307. —AFFECTS SUBJECT PARCEL, NOT SURVEY RELATED 7. Access Agreement in instrument recorded January 2, 2009 at Reception No. 209000056. —AFFECTS SUBJECT PARCEL, NOT SURVEY RELATED 8. There are no other easements or restriction found of record.

9. Powers Plaza recorded June 4, 1984 in in Plat Book W3 at Page 4. —AFFECTS SUBJECT PARCEL AS SHOWN HEREON 10. Certificate of Correction recorded July 19, 1984 in in Book 3896 at Page 497. —CORRECTION LOCATION NOT NEAR SUBJECT PARCEL

11. ALTA/NSPS Land Title Survey recorded February 16, 2023 in at Reception No. 223900059. —AFFECTS SUBJECT PARCEL AS SHOWN HEREON

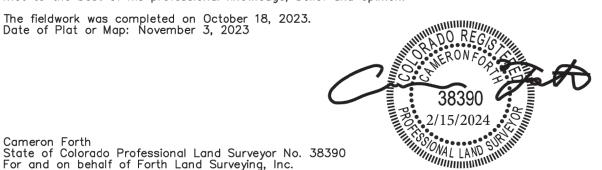
SURVEYOR'S CERTIFICATION

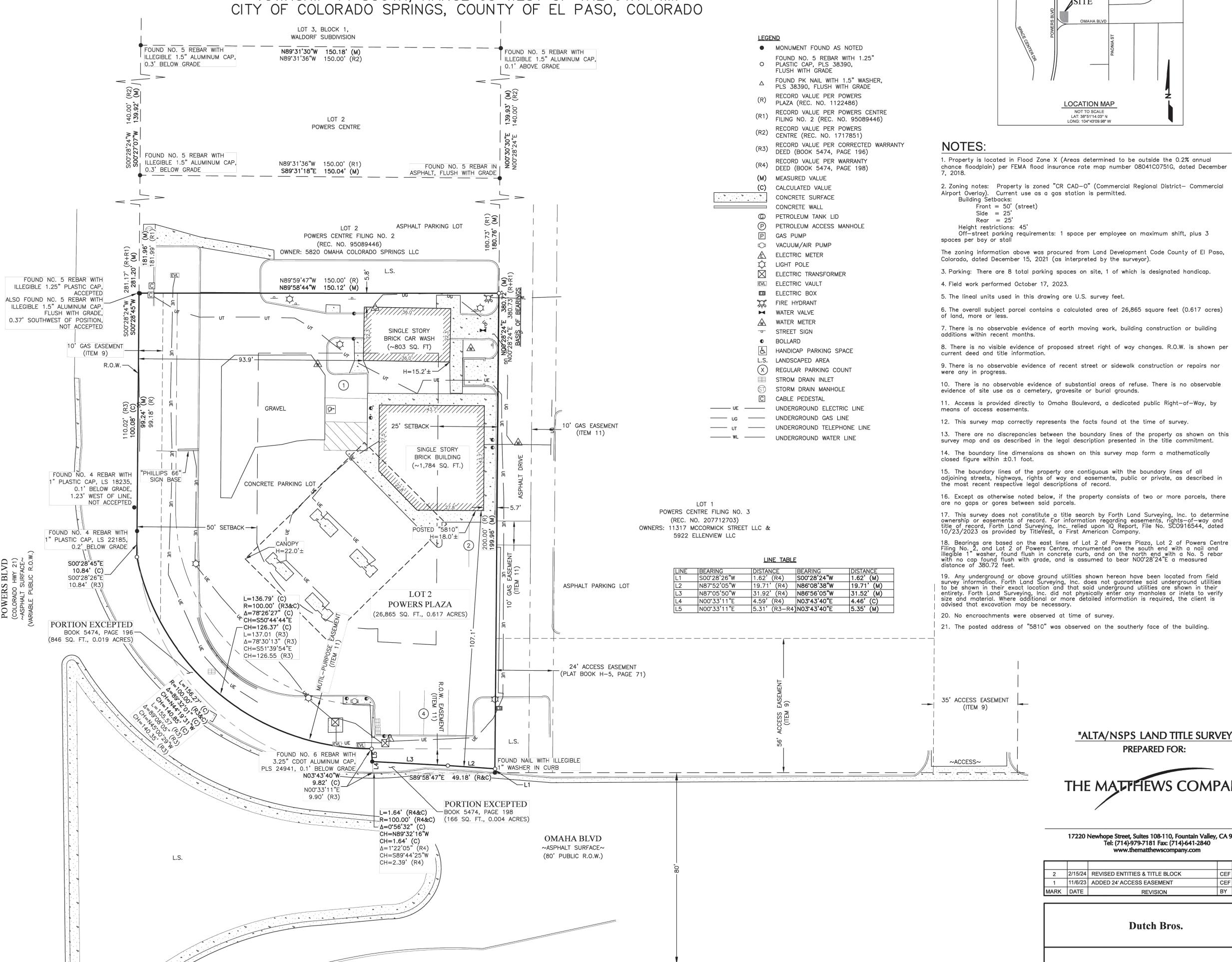
To: BB Holdings Colorado, LLC, an Oregon limited liability company; DB Franchising USA, LLC, an Oregon limited liability company; Dutch Bros., LLC, an Oregon limited liability company; Dutch Mafia, LLC, a Delaware limited liability company; Boersma Bros. LLC, an Oregon limited liability company; Dutch Bros Inc., a Delaware Corporation; TitleVest, a First American Company and The Matthews Company, Inc.

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6a, 6b, 7a, 7b1, 7c, 8, 9, 10, 13, 14, 16, 17, 18 and 19 of Table A thereof.

The undersigned further certifies that the plat was surveyed and drawn to the normal standard of practice of surveyors in the State of Colorado under his direct responsibility and supervision and accurately shows the described tract of land thereof, and that the requirements of Title 38 of the Colorado Revised Statutes, 1973, as amended, have been met to the best of his professional knowledge, belief and opinion.

The fieldwork was completed on October 18, 2023. Date of Plat or Map: November 3, 2023





NOTICE: According to Colorado law you must commence any legal

you first discover such defect. In no event may any action based

from the date of the certification shown hereon.

action based upon any defect in this survey within three years after

upon any defect in this survey be commenced more than ten years

Any person who knowingly removes, alters or defaces any public land

survey monument or land boundary monument or accessory commits

a class 2 misdemeanor pursuant to the Colorado Revised Statute

FORTH LAND SURVEYING, INC.

1586 S. 21st Street, Suite 10

—mail: Cameron@ForthLS.com

Colorado Springs, CO 80904 Phone: 719-722-7446

Website: www.ForthLS.com

Project No.: 22124

This Survey has been prepared solely for the benefit of the parties set forth in this Surveyor's

other party or used for any other purpose including, without limitation, the preparation of zoning reports or any other third party reports, without The Matthews Company, Inc. and Forth Land

Surveying, Inc.'s prior written consent. The Matthews Company, Inc. and Forth Land Surveying,

Inc. expressly disclaim any duty or obligation towards any party that is not identified in this

Please be advised that The Matthews Company, Inc. and Forth Land Surveying, Inc. will not

include the providers of any third party reports in the Surveyor's Certification.

Surveyor's Certification.

Certification and may not be quoted or relied upon by, nor may copies be delivered to, any

CEF

BY AP'V'D

CEF

"ALTA/NSPS LAND TITLE SURVEY" PREPARED FOR:

17220 Newhope Street, Suites 108-110, Fountain Valley, CA 92708

Tel: (714)-979-7181 Fax: (714)-641-2840

www.thematthewscompany.com

Dutch Bros.

5810 Omaha Boulevard Colorado Springs, CO

CHKD./AP'V'D:

APPROVED:

SCALE: 1"=20'

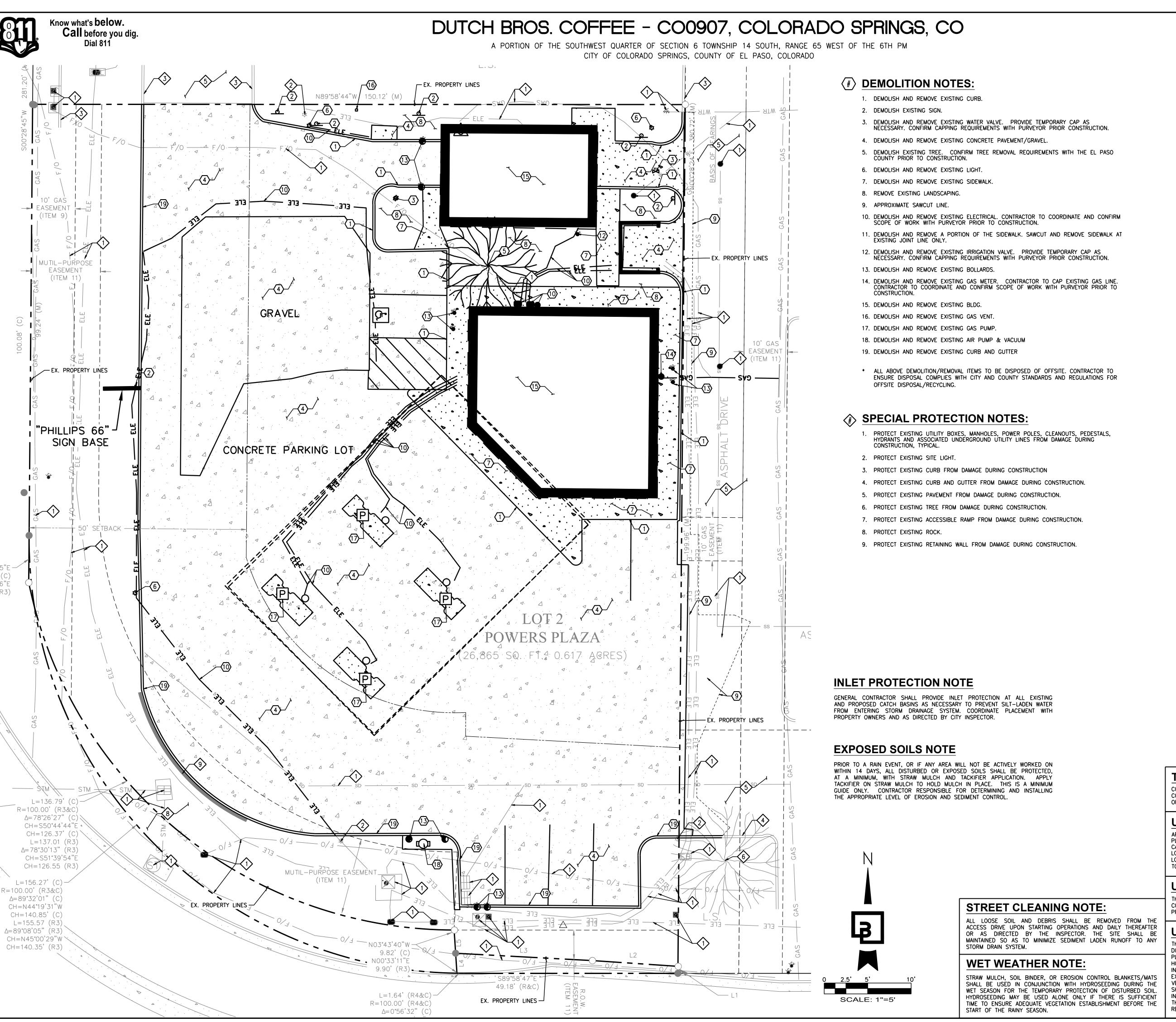
DATE: November 3, 2023

DWN. BY: CEF/TEC/JLA

CHKD.BY: JLA/CEF

LOCATION MAP

NOT TO SCALE



TEMPORARY WORK EASEMENT NOTE:

CONTRACTOR TO OBTAIN TEMPORARY WORK EASEMENT DOCUMENTATION AND COORDINATE WITH ADJACENT PROPERTY OWNER, PRIOR TO COMMENCING ANY OFF-SITE CONSTRUCTION ACTIVITIES.

UTILITY PROTECTION NOTE:

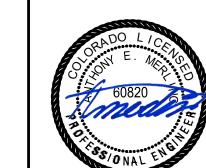
APPROXIMATE LOCATION OF EXISTING GAS SERVICE IS SHOWN ON THESE PLANS. CONTRACTOR TO COORDINATE WITH PURVEYOR AND USE EXTREME CAUTION WHEN EXCAVATING ON-SITE, UNTIL EXISTING GAS AND POWER SERVICE LOCATIONS ARE CONFIRMED. CONTRACTOR TO ORDER INDEPENDENT UTILITY LOCATES (INCLUDING GAS AND POWER) FOR THE FULL SCOPE OF WORK PRIOR TO CONSTRUCTION OR ANY GROUND DISTURBING ACTIVITIES.

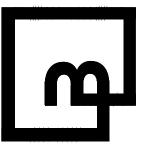
UTILITY COORDINATION NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES PRIOR TO PERFORMING ANY DEMOLITION ACTIVITIES TO ENSURE PROPER PROTECTION AND DISCONNECTION PROCEDURES ARE IN PLACE

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION. DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE AT 811 AND THEN POTHOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.





EROSION CONTROL LEGEND

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE

CONTRACTOR STAGING AREA

EROSION CONTROL BLANKET

LIMITS OF CONSTRUCTION ——

Silt Fence / Fiber Roll 🛛 🚓

LIMITS OF DISTURBANCE

CONSTRUCTION FENCE

FIBER ROLLS/WATTLES

FLOW ARROW

INLET PROTECTION

DUTCH BROS. COFFEE - CO0907, COLORADO SPRINGS, CO

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO

SCALE: 1"=20'

EROSION CONTROL NOTES: INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCE PER DETAIL VT-2 ON SHEET 6; ADJUST AS NECESSARY DURING CONSTRUCTION. 2. INSTALL TEMPORARY SILT FENCE PER DETAIL SF-2 ON SHEET 6. INSTALL AROUND PERIMETER OF SITE IMPROVEMENTS AS REQUIRED TO PREVENT - EX. PROPERTY LINES SILT-LADEN RUNOFF FROM LEAVING SITE, AND AS DIRECTED BY AGENCY 3. APPROXIMATE LOCATION OF CONTRACTOR STAGING AREA THAT IS TO BE USED FOR MATERIAL/EQUIPMENT STORAGE, VEHICLE AND EQUIPMENT FUELING/MAINTENANCE, AND TEMPORARY SANITARY FACILITIES. 4. CONTRACTOR TO INSTALL CONCRETE WASHOUT PER EL PASO COUNTY 10' GAS \bigcirc DETAIL 3-84 ON SHEET 6 ADJUST AS NECESSARY DURING CONSTRUCTION. EASEMENT (ITEM 9) INSTALL TEMPORARY CONSTRUCTION FENCE (6' HIGH CHAIN LINK, MINIMUM) AROUND PERIMETER OF CONSTRUCTION SITE WITH GATE PER NOTE #6. EX. PROPERTY LINES — CONTRACTOR SHALL FIELD LOCATE AND ADJUST AS NECESSARY AS CONSTRUCTION PROGRESSES. 4 EASEMENT (ITEM 11) 6. INSTALL TEMPORARY SITE ACCESS GATE (6' HIGH-CHAIN LINK WITH LOCKING DEVICE) AND FENCE AT TEMPORARY CONSTRUCTION ENTRANCES. FIELD VERIFY AND CONFIRM EXACT LOCATION WITH ARCHITECT/OWNER. 7. INSTALL TEMPORARY INLET PROTECTION PER IP-3 ON SHEET 6; TYP. 8. INSTALL DURAWATTLE TO PREVENT SILT-LADEN RUNOFF FROM LEAVING EX. PROPERTY LINES SITE; INSTALL PER MANUFACTURER'S RECOMMENDATIONS 9. PROTECT FROM DAMAGE DURING CONSTRUCTION. REFER TO DEMOLITION - DIRECTION OF SURFACE DRAINAGE, TYP POWERS PLAZA (26,865 SQ. FT., 0.617 ACRES) MUTIL-PURPOSE EASEMENT (ITEM 11) - EX. PROPERTY LINES

EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITION OF THE EL PASO COUNTY DRAINAGE CRITERIA MANUAL AND CITY OF COLORADO SPRINGS STORMWATER QUALITY STANDARDS AND SPECIFICATIONS.
- 2. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED AND MAINTAINED YEAR-ROUND THROUGHOUT THE DURATION OF THE PROJECT.
- 3. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREAS AND WITHIN THE WORK AREAS SHALL BE PROTECTED PER INLET PROTECTION DETAIL IP—3 WITH SEDIMENT CONTROL AND INLET FILTER BAGS YEAR ROUND. INLET FILTER BAGS SHALL BE REMOVED FROM THE DRAINAGE INLETS UPON COMPLETION OF CONSTRUCTION.
- 4. ALL STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED PER **DETAIL VT-2** TEMPORARY CONSTRUCTION ENTRANCE, WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR ROUND BASIS UNTIL THE COMPLETION OF CONSTRUCTION.
- PROTECTED FROM EROSION YEAR ROUND DURING THE DURATION OF THE PROJECT. HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD.

5. ALL AREAS DISTURBED DURING CONSTRUCTION BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE

- 6. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMPs SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.
- 7. SEDIMENT CONTROL BMPs SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMPs SHALL BE MAINTAINED YEAR ROUND UNTIL THE CONSTRUCTION IS COMPLETED OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
- 8. EFFECTIVE EROSION CONTROL BMPs SHALL BE IN PLACE PRIOR TO ANY STORM EVENTS.
- 9. CONTRACTOR SHALL INSTALL AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENTATION CONTROL BMPs.

STORMWATER QUALITY CONTROL NOTES

- CONTRACTOR SHALL PROVIDE STORM DRAIN INLET PROTECTION (GRAVEL BAGS AND FILTER FABRIC OR PROPRIETARY TEMPORARY GEOTEXTILE INSERTS) FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF THE WORK. THIS PROTECTION INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY ON-SITE CATCH BASINS ON PRIVATE PROPERTY.
- 2. CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EGRESS FROM PROJECT SITE TO PREVENT TRACKOUT OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY FROM CONSTRUCTION VEHICLES.
- CONTRACTOR SHALL ENSURE THAT CONSTRUCTION OR DEMOLITION ACTIVITIES DO NOT DEPOSIT SEDIMENT ONTO
 THE PUBLIC ROADWAY, SIDEWALKS OR GUTTERS. ALL SEDIMENT AND CONSTRUCTION DEBRIS MUST BE REMOVED BY
 THE END OF THE WORK DAY.
- 4. CONTRACTOR SHALL USE STREET SWEEPING OR OTHER DRY SWEEPING METHOD, AS NECESSARY, TO REMOVE CONSTRUCTION OR DEMOLITION-RELATED SEDIMENT FROM PUBLIC SIDEWALKS, GUTTERS AND ROADWAY.
- 5. CONTRACTOR SHALL INSTALL A CITY-APPROVED WASTE MANAGEMENT WASH-OUT STRUCTURE AT THE PROJECT SITE. ALL CONCRETE, PAINT, STUCCO AND OTHER LIQUIDS WILL BE WASHED OUT IN THIS STRUCTURE.
- 6. CONTRACTOR SHALL SCHEDULE WORK FOR DRY-WEATHER DAYS WHEN NO RAIN IS IN THE IMMEDIATE FORECAST.
- 7. CONTRACTOR SHALL PROVIDE DUST CONTROL TO PREVENT TO PREVENT THE NUISANCE OF BLOWING DUST WITHOUT CAUSING SEDIMENT, DEBRIS OR LITTER TO ENTER THE CITY STORM DRAIN SYSTEM.
- 8. CONTRACTOR SHALL INSTALL ANY OTHER BMPs AS NECESSARY TO CONTROL THE DISCHARGE OF POLLUTANTS FROM THE PROJECT SITE.

TEMPORARY DUST CONTROL MEASURES NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT NUMBER OF WATER TRUCKS AT THE SITE AND SPRAY THE GRADED OR CRUBBED SITE WITH WATER AS REQUIRED TO CONTROL DUST
- 2. THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS SO THAT EXCAVATION, EMBANKMENT, AND IMPORTED MATERIAL IS SPRINKLED WITH WATER DURING GRADING OPERATIONS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DUST CONTROL DURING CONSTRUCTION AND SHALL FOLLOW THE CONSTRUCTION METHODS ESTABLISHED BY EL PASO COUNTY

BMP MAINTENANCE NOTES

BEFORE ANY SAFETY MOVING OPERATIONS ARE INITIATED.

- 1. TEMPORARY GROUND COVER SHALL BE PLANTED OR A FILL TACKIFIER SPREAD OVER EXPOSED AREAS NOT BEING WORKED ON FOR 14 DAYS.
- 2. TEMPORARY EROSION CONTROLS SHOULD NOT BE REMOVED BEFORE PERMANENT EROSION
- CONTROLS ARE IN-PLACE AND ESTABLISHED.

 3. ALL MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE
- 4. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE CHECKED AND UPDATED, AS NEEDED, AT THE END OF EACH WORK WEEK AND IMMEDIATELY FOLLOWING EACH RAIN

TEMPORARY WORK EASEMENT NOTE:

OFF-SITE CONSTRUCTION ACTIVITIES.

UTILITY PROTECTION NOTE:

TO CONSTRUCTION OR ANY GROUND DISTURBING ACTIVITIES.

UTILITY COORDINATION NOTE:

UTILITY CONFLICT NOTE:

CONTRACTOR TO OBTAIN TEMPORARY WORK EASEMENT DOCUMENTATION AND COORDINATE WITH ADJACENT PROPERTY OWNER, PRIOR TO COMMENCING ANY

APPROXIMATE LOCATION OF EXISTING GAS SERVICE IS SHOWN ON THESE PLANS. CONTRACTOR TO COORDINATE WITH PURVEYOR AND USE EXTREME CAUTION WHEN EXCAVATING ON-SITE, UNTIL EXISTING GAS AND POWER SERVICE LOCATIONS ARE CONFIRMED. CONTRACTOR TO ORDER INDEPENDENT UTILITY

LOCATES (INCLUDING GAS AND POWER) FOR THE FULL SCOPE OF WORK PRIOR

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY

COMPANIES PRIOR TO PERFORMING ANY DEMOLITION ACTIVITIES TO ENSURE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION

DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE

PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE

HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL

INCLUDE CALLING UTILITY LOCATE AT 811 AND THEN POTHOLING ALL OF THE

EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY

VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC

INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. TO

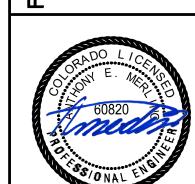
RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

PROPER PROTECTION AND DISCONNECTION PROCEDURES ARE IN PLACE

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1" = 20'

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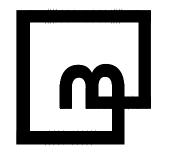
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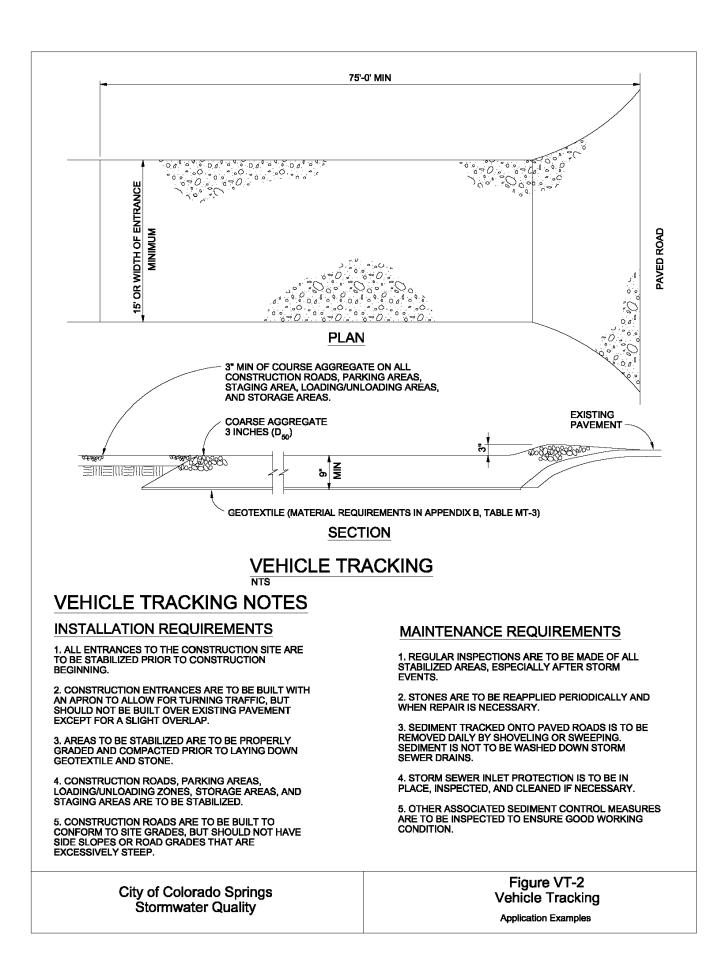
INLET PROTECTION NOTE

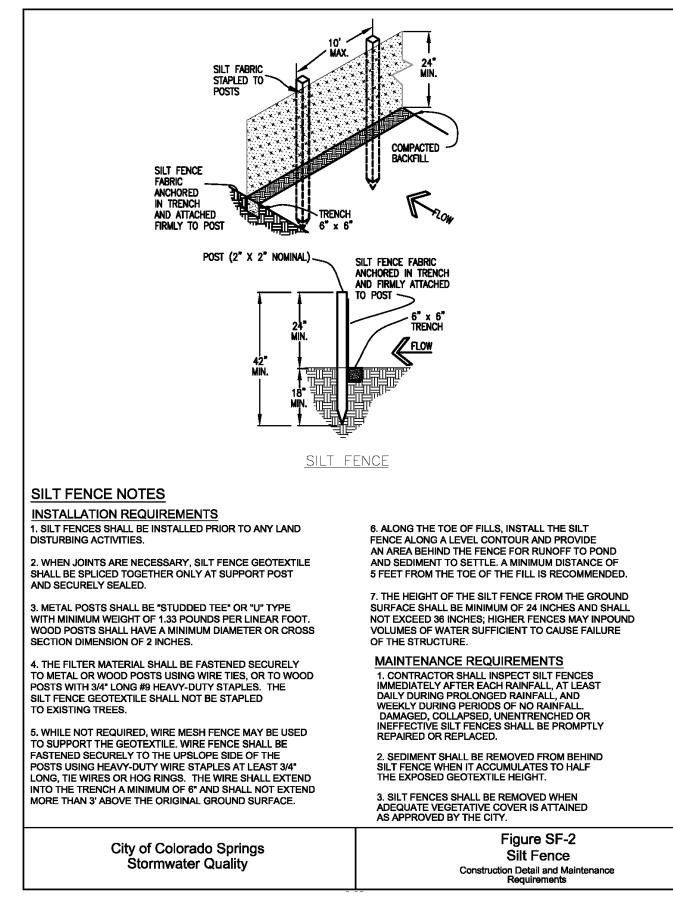
GENERAL CONTRACTOR SHALL PROVIDE INLET PROTECTION AT ALL EXISTING AND PROPOSED CATCH BASINS AS NECESSARY TO PREVENT SILT-LADEN WATER FROM ENTERING STORM DRAINAGE SYSTEM. COORDINATE PLACEMENT WITH PROPERTY OWNERS AND AS DIRECTED BY CITY INSPECTOR. SEE DETAIL IP-3/SHT 6.

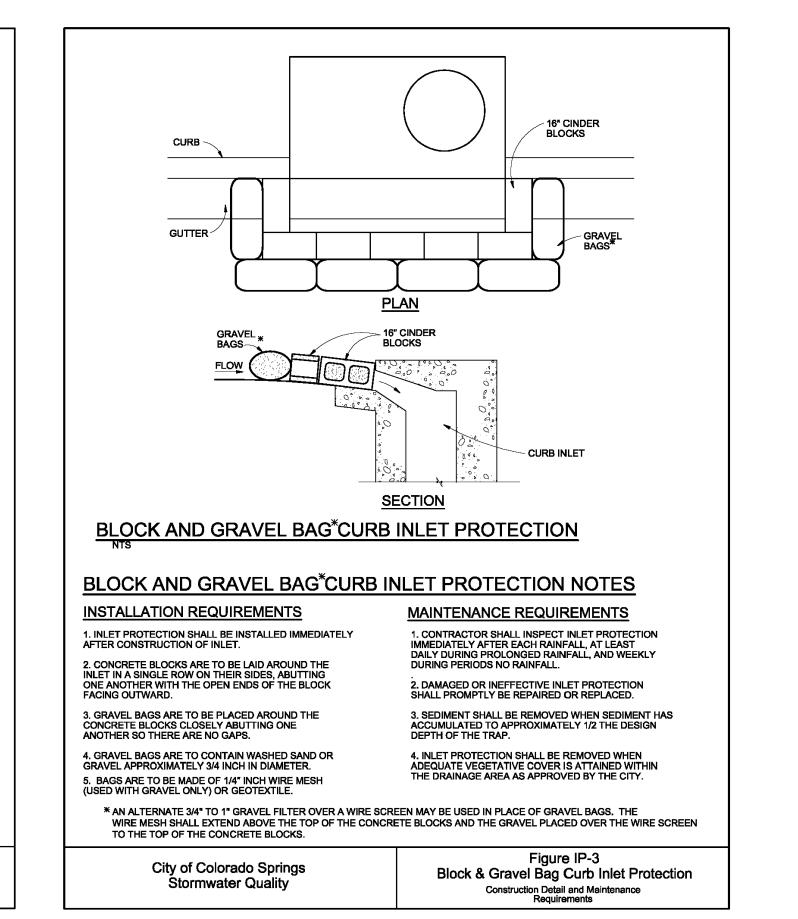
PRIOR TO A RAIN EVENT, OR IF ANY AREA WILL NOT BE ACTIVELY WORKED ON WITHIN 14 DAYS, ALL DISTURBED OR EXPOSED SOILS SHALL BE PROTECTED, AT A MINIMUM, WITH STRAW MULCH AND TACKIFIER APPLICATION. APPLY TACKIFIER ON STRAW MULCH TO HOLD MULCH IN PLACE. THIS IS A MINIMUM GUIDE ONLY. CONTRACTOR RESPONSIBLE FOR DETERMINING AND INSTALLING THE APPROPRIATE LEVEL OF EROSION AND SEDIMENT CONTROL.

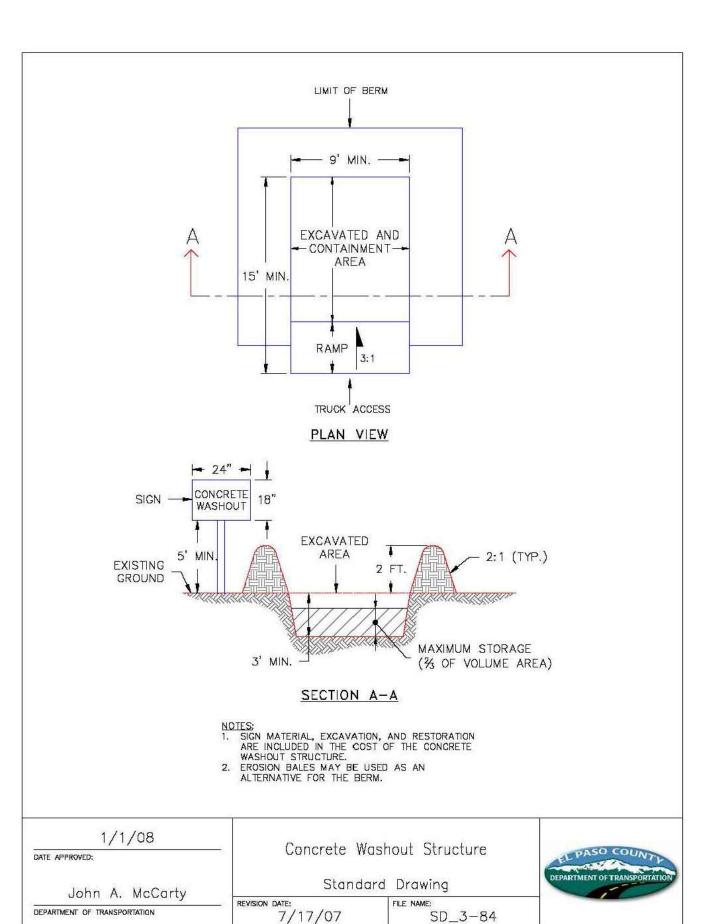
EXPOSED SOILS NOTE

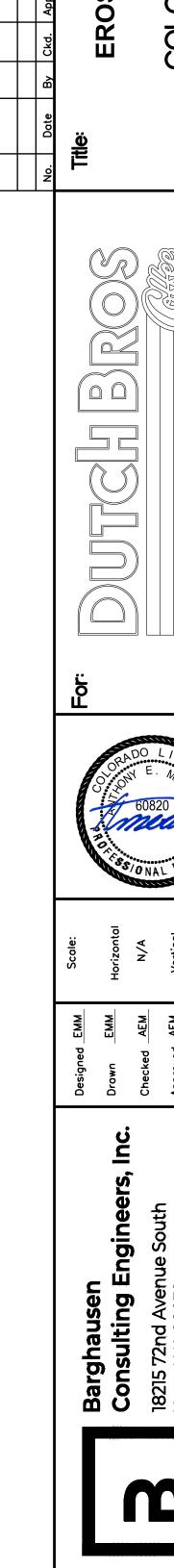
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO









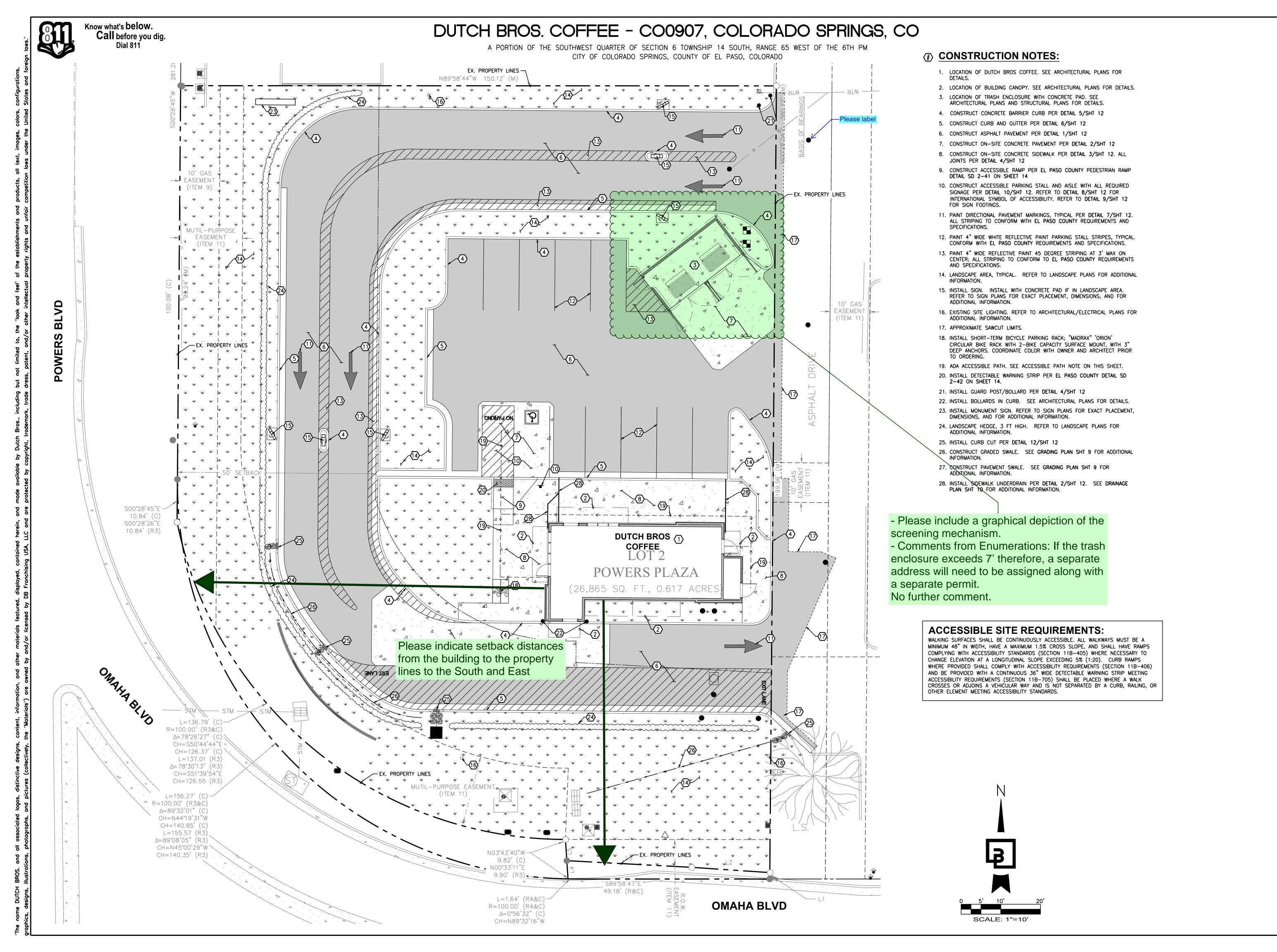


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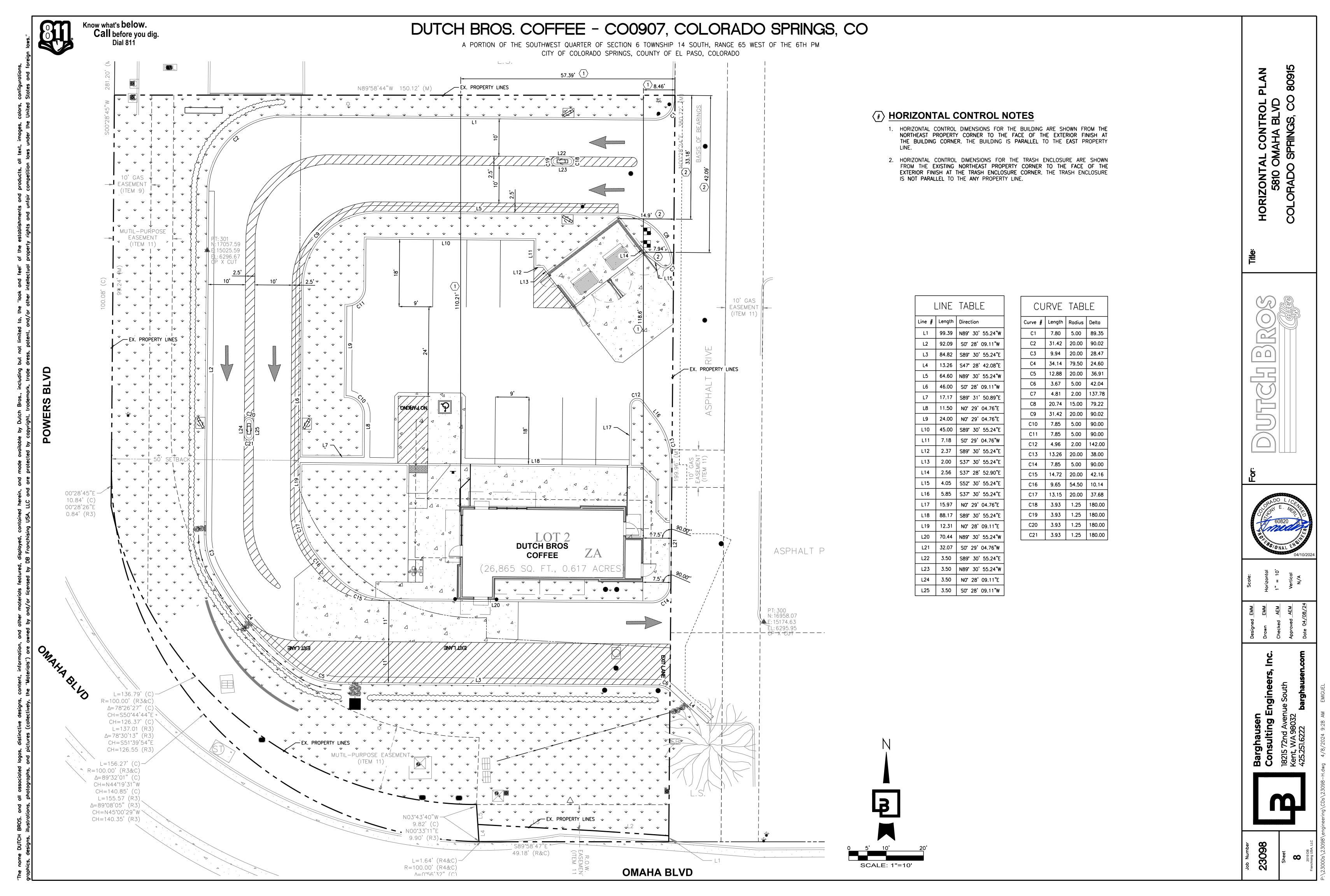
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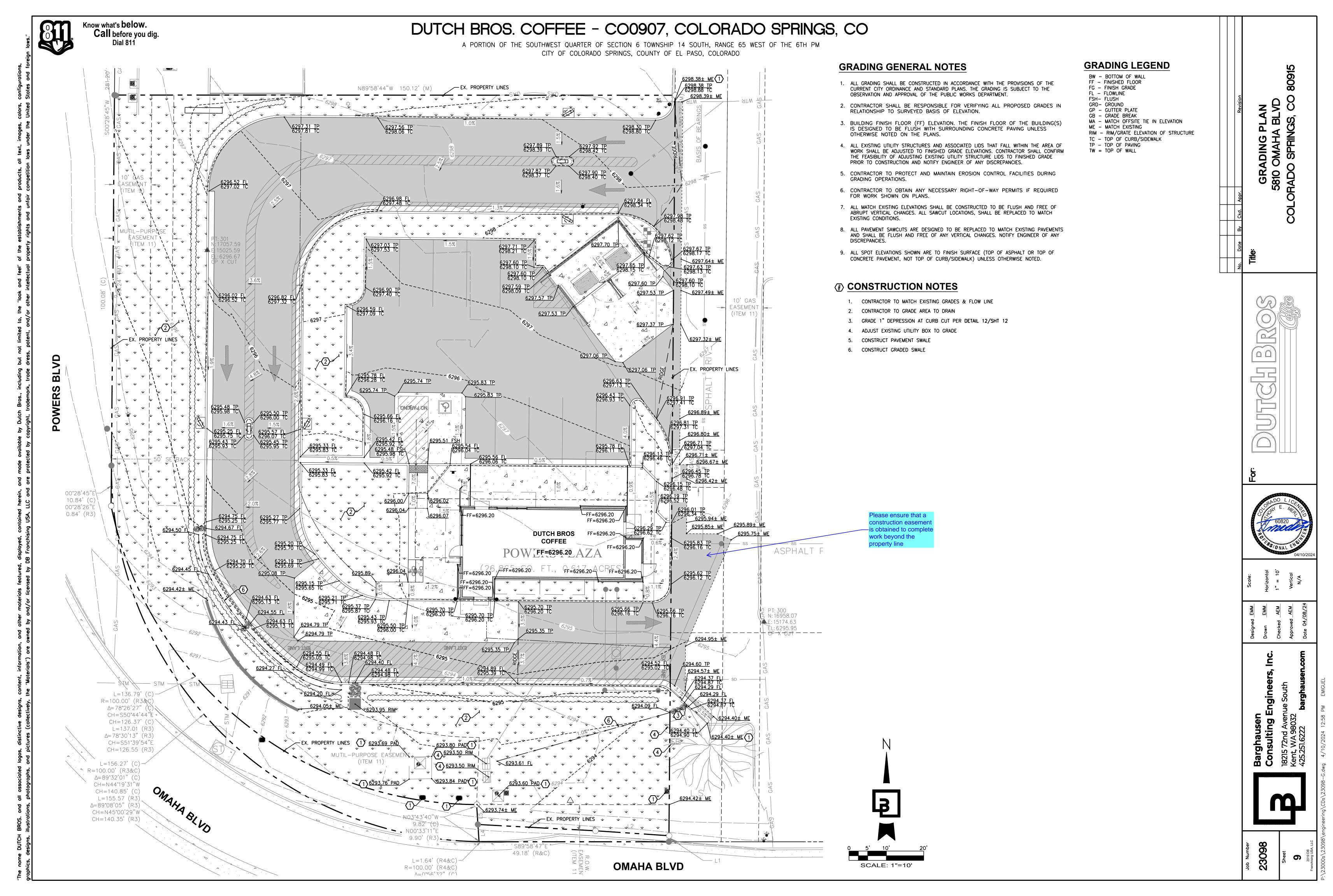
CONTROL OMAHA BL

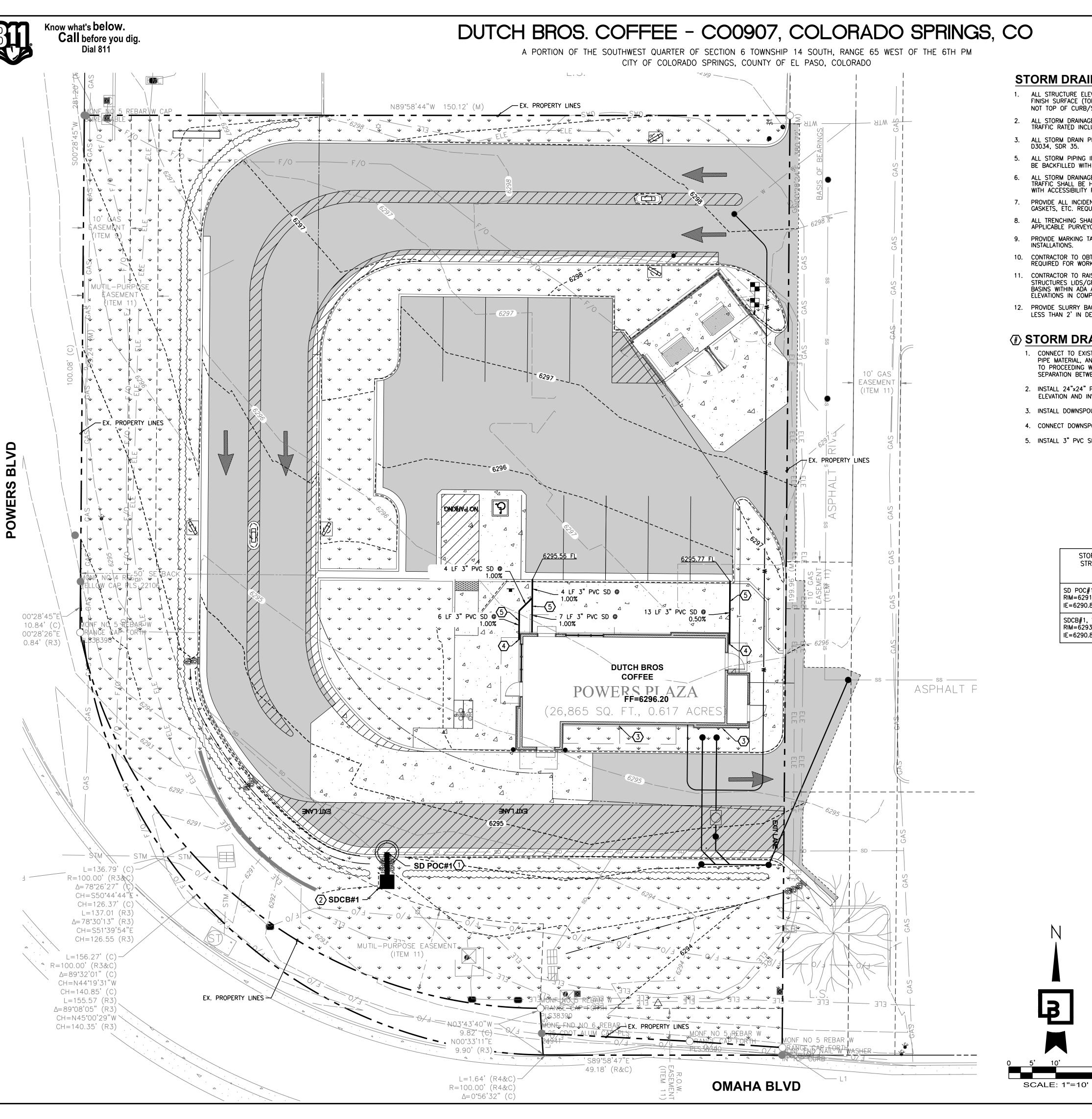
SION 5810











STORM DRAIN GENERAL NOTES:

- ALL STRUCTURE ELEVATIONS SHOWN ARE TO CENTER OF STRUCTURE AT FINISH SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAVEMENT, NOT TOP OF CURB/SIDEWALK) UNLESS OTHERWISE NOTED.
- ALL STORM DRAINAGE STRUCTURES EXPOSED TO TRAFFIC SHALL BE TRAFFIC RATED INCLUDING STRUCTURE, LID, ETC.
- ALL STORM DRAIN PIPING DENOTED AS 'PVC' SHALL CONFORM TO ASTM
- ALL STORM PIPING INSTALLED WITH LESS THAN 2 FEET OF COVER SHALL BE BACKFILLED WITH A CONTROLLED DENSITY FILL (SLURRY).
- ALL STORM DRAINAGE STRUCTURES WITH LIDS EXPOSED TO PEDESTRIAN TRAFFIC SHALL BE HEEL PROOF AND SLIP RESISTANT IN ACCORDANCE WITH ACCESSIBILITY REQUIREMENTS.
- PROVIDE ALL INCIDENTAL FITTINGS, BENDS, WYES, TEES, COUPLINGS, GASKETS, ETC. REQUIRED TO CONSTRUCT THE INFRASTRUCTURE DEPICTED.
- ALL TRENCHING SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE PURVEYOR OR AGENCY SPECIFICATIONS.
- PROVIDE MARKING TAPE AND LOCATE WIRE WITH ALL TRENCH
- 10. CONTRACTOR TO OBTAIN ANY NECESSARY RIGHT-OF-WAY PERMITS IF REQUIRED FOR WORK SHOWN ON PLANS.
- 11. CONTRACTOR TO RAISE AND ADJUST ALL EXISTING AND PROPOSED UTILITY STRUCTURES LIDS/GRATES TO FINAL GRADE AS NECESSARY. CATCH BASINS WITHIN ADA ACCESSIBLE PATHS SHALL BE ADJUSTED TO FINAL ELEVATIONS IN COMPLIANCE WITH CURRENT ADA REQUIREMENTS.
- 12. PROVIDE SLURRY BACKFILL OVER ANY UTILITY WHERE PROVIDED COVER IS LESS THAN 2' IN DEPTH.

STORM DRAIN CONSTRUCTION NOTES:

- 1. CONNECT TO EXISTING STORM DRAIN INLET. POTHOLE AND VERIFY LOCATION, PIPE DIAMETER, PIPE MATERIAL, AND DEPTH PRIOR TO CONSTRUCTION. REPORT RESULTS TO ENGINEER PRIOR TO PROCEEDING WITH ORDERING MATERIALS. CONTRACTOR TO MAINTAIN MINIMUM VERTICAL SEPARATION BETWEEN UTILITIES AS REQUIRED BY JURISDICTION HAVING AUTHORITY.
- 2. INSTALL 24"x24" PRECAST CATCH BASIN WITH GRATED LID PER DETAIL 1/SHT 13. RIM ELEVATION AND INVERTS AS NOTED IN THE STRUCTURE TABLE.
- 3. INSTALL DOWNSPOUT WITH SPLASH BLOCK PER DETAIL 3/SHT 13
- 4. CONNECT DOWNSPOUT TO 3" PVC SIDEWALK UNDERDRAIN.
- 5. INSTALL 3" PVC SIDEWALK UNDERDRAIN PER DETAIL 2/SHT 13. MINIMUM SLOPE OF 0.5%.

STORM DRAIN STRUCTURES SD POC#1, RIM=6291.94 IE=6290.83 (12" S) SDCB#1, W/ GRATED LID RIM=6293.95 IE=6290.89 (12" N)

(III) UTILITY CROSSING NOTE:

CONTRACTOR SHALL MAINTAIN MINIMUM VERTICAL SEPARATION BETWEEN UTILITIES AS REQUIRED BY JURISDICTION HAVING AUTHORITY. CONTRACTOR TO VERIFY SEPARATION REQUIREMENTS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

UTILITY POTHOLING NOTE:

THE CIRCLED LOCATIONS ARE REQUIRED TO BE POTHOLED TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITY AND/OR POTENTIAL CONFLICTS WITH EXISTING UTILITIES. POTHOLING SHALL BE PERFORMED PRIOR TO INSTALLING ANY PROPOSED UTILITIES. CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. OF ANY CONFLICTS.

UTILITY PROTECTION NOTE:

APPROXIMATE LOCATION OF EXISTING GAS SERVICE IS SHOWN ON THESE PLANS. CONTRACTOR SHALL COORDINATE WITH PURVEYOR AND USE EXTREME CAUTION WHEN EXCAVATING ON-SITE UNTIL EXISTING GAS SERVICE LOCATION HAS BEEN CONFIRMED. CONTRACTOR SHALL HAVE ALL GAS AND POWER SERVICES LOCATED PRIOR TO CONSTRUCTION.

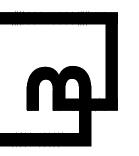
UTILITY COORDINATION NOTE:

ALL POWER, AND DATA/COMMUNICATIONS/TELEPHONE CONNECTIONS AND SERVICES COORDINATION IS ON GOING. WE ARE CURRENTLY WORKING WITH ALL APPLICABLE AGENCIES TO COORDINATE POINTS OF CONNECTIONS AND ROUTING. ONSITE UTILITY LAYOUT MAY SHIFT AND OR BE RELOCATED ACCORDINGLY DURING COORDINATION.

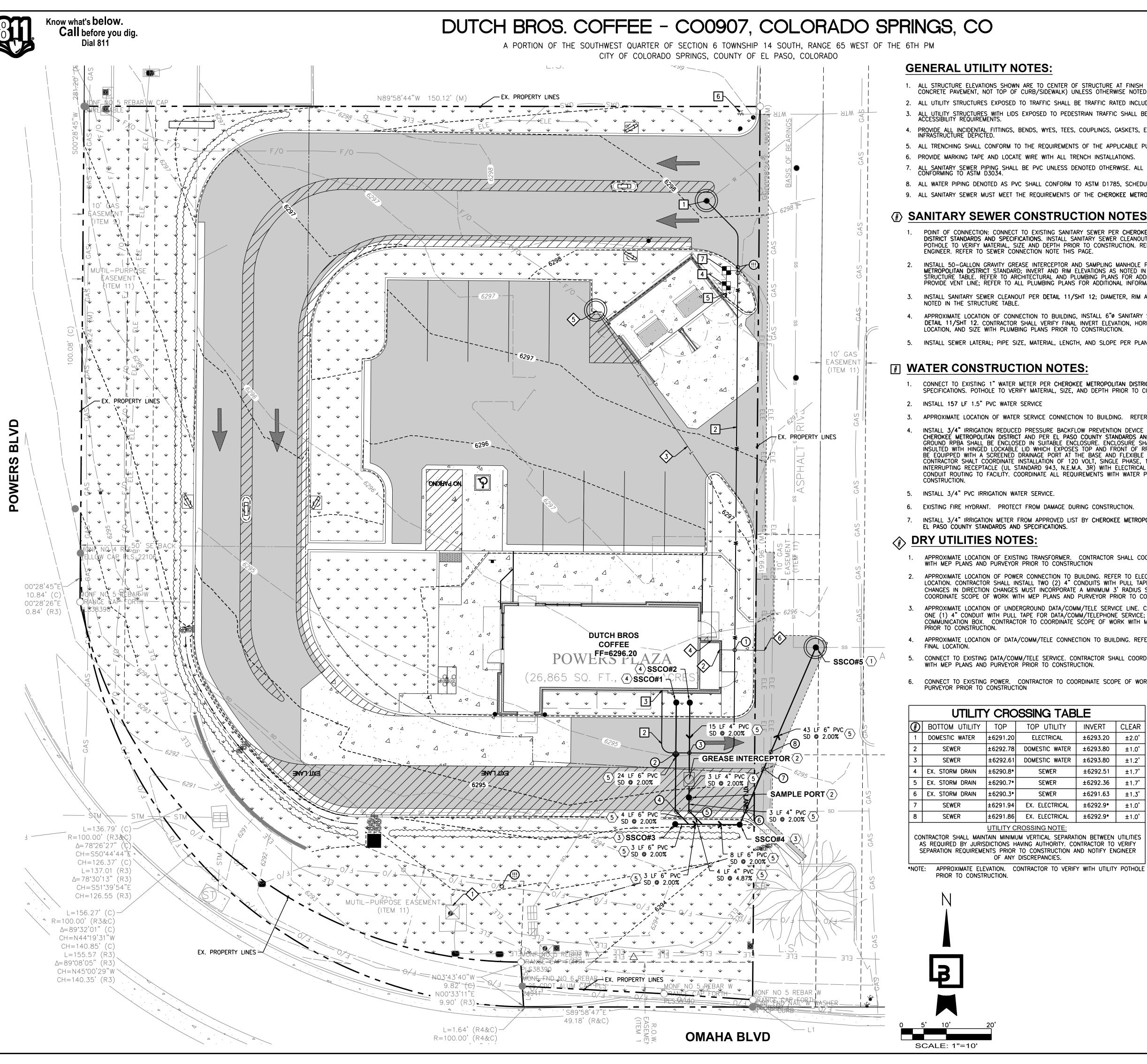
UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.





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GENERAL UTILITY NOTES:

- . ALL STRUCTURE ELEVATIONS SHOWN ARE TO CENTER OF STRUCTURE AT FINISH SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAVEMENT, NOT TOP OF CURB/SIDEWALK) UNLESS OTHERWISE NOTED.
- 2. ALL UTILITY STRUCTURES EXPOSED TO TRAFFIC SHALL BE TRAFFIC RATED INCLUDING STRUCTURE, LID, ETC.
- ALL UTILITY STRUCTURES WITH LIDS EXPOSED TO PEDESTRIAN TRAFFIC SHALL BE SLIP RESISTANT IN ACCORDANCE WITH ACCESSIBILITY REQUIREMENTS.
- PROVIDE ALL INCIDENTAL FITTINGS, BENDS, WYES, TEES, COUPLINGS, GASKETS, ETC. REQUIRED TON CONSTRUCT THE INFRASTRUCTURE DEPICTED.
- 5. ALL TRENCHING SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE PURVEYOR
- PROVIDE MARKING TAPE AND LOCATE WIRE WITH ALL TRENCH INSTALLATIONS.
- . ALL SANITARY SEWER PIPING SHALL BE PVC UNLESS DENOTED OTHERWISE. ALL PVC SEWER PIPE SHALL BE SDR-35 CONFORMING TO ASTM D3034.
- 8. ALL WATER PIPING DENOTED AS PVC SHALL CONFORM TO ASTM D1785, SCHEDULE 40.
- 9. ALL SANITARY SEWER MUST MEET THE REQUIREMENTS OF THE CHEROKEE METROPOLITAN DISTRICT AND EL PASO COUNTY

(#) SANITARY SEWER CONSTRUCTION NOTES:

- POINT OF CONNECTION: CONNECT TO EXISTING SANITARY SEWER PER CHEROKEE METROPOLITAN SEWER DISTRICT STANDARDS AND SPECIFICATIONS. INSTALL SANITARY SEWER CLEANOUT PER DETAIL 11/SHT 12.
 POTHOLE TO VERIFY MATERIAL, SIZE AND DEPTH PRIOR TO CONSTRUCTION. REPORT RESULTS TO ENGINEER. REFER TO SEWER CONNECTION NOTE THIS PAGE.
- INSTALL 50-GALLON GRAVITY GREASE INTERCEPTOR AND SAMPLING MANHOLE PER CHEROKEE METROPOLITAN DISTRICT STANDARD; INVERT AND RIM ELEVATIONS AS NOTED IN THE SANITARY SEWER STRUCTURE TABLE. REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR ADDITIONAL INFORMATION. PROVIDE VENT LINE: REFER TO ALL PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- INSTALL SANITARY SEWER CLEANOUT PER DETAIL 11/SHT 12; DIAMETER, RIM AND INVERT ELEVATIONS AS
- APPROXIMATE LOCATION OF CONNECTION TO BUILDING, INSTALL 6" SANITARY SEWER CLEANOUT PER DETAIL 11/SHT 12. CONTRACTOR SHALL VERIFY FINAL INVERT ELEVATION, HORIZONTAL/VERTICAL LOCATION, AND SIZE WITH PLUMBING PLANS PRIOR TO CONSTRUCTION.
- INSTALL SEWER LATERAL; PIPE SIZE, MATERIAL, LENGTH, AND SLOPE PER PLANS

WATER CONSTRUCTION NOTES:

- CONNECT TO EXISTING 1" WATER METER PER CHEROKEE METROPOLITAN DISTRICT STANDARDS AND SPECIFICATIONS. POTHOLE TO VERIFY MATERIAL, SIZE, AND DEPTH PRIOR TO CONSTRUCTION.
- INSTALL 157 LF 1.5" PVC WATER SERVICE
- APPROXIMATE LOCATION OF WATER SERVICE CONNECTION TO BUILDING. REFER TO PLUMBING PLANS
- CHEROKEE METROPOLITAN DISTRICT AND PER EL PASO COUNTY STANDARDS AND SPECIFICATIONS. ABOVE GROUND RPBA SHALL BE ENCLOSED IN SUITABLE ENCLOSURE. ENCLOSURE SHALL BE HEATED AND INSULTED WITH HINGED LOCKABLE LID WHICH EXPOSES TOP AND FRONT OF RPBA. ENCLOSURE SHALL BE EQUIPPED WITH A SCREENED DRAINAGE PORT AT THE BASE AND FLEXIBLE FLAP TO PREVENT DRAFTS. CONTRACTOR SHALT COORDINATE INSTALLATION OF 120 VOLT, SINGLE PHASE, 15 AMP GROUND FAULT INTERRUPTING RECEPTACLE (UL STANDARD 943, N.E.M.A. 3R) WITH ELECTRICAL PLANS. INCLUDING CONDUIT ROUTING TO FACILITY. COORDINATE ALL REQUIREMENTS WITH WATER PURVEYOR PRIOR TO
- 5. INSTALL 3/4" PVC IRRIGATION WATER SERVICE.
- 6. EXISTING FIRE HYDRANT. PROTECT FROM DAMAGE DURING CONSTRUCTION.

UTILITY CROSSING TABLE

TOP

±6291.20

±6292.78

±6292.61

±6290.8* ±6290.7*

±6290.3*

INSTALL 3/4" IRRIGATION METER FROM APPROVED LIST BY CHEROKEE METROPOLITAN DISTRICT AND PER EL PASO COUNTY STANDARDS AND SPECIFICATIONS.

DRY UTILITIES NOTES:

- APPROXIMATE LOCATION OF EXISTING TRANSFORMER. CONTRACTOR SHALL COORDINATE SCOPE OF WORK WITH MEP PLANS AND PURVEYOR PRIOR TO CONSTRUCTION
- APPROXIMATE LOCATION OF POWER CONNECTION TO BUILDING. REFER TO ELECTRICAL PLANS FOR FINAL LOCATION. CONTRACTOR SHALL INSTALL TWO (2) 4" CONDUITS WITH PULL TAPE FOR INSTALLATION; ALL CHANGES IN DIRECTION CHANGES MUST INCORPORATE A MINIMUM 3' RADIUS SWEEP. CONTRACTOR TO COORDINATE SCOPE OF WORK WITH MEP PLANS AND PURVEYOR PRIOR TO CONSTRUCTION
- APPROXIMATE LOCATION OF UNDERGROUND DATA/COMM/TELE SERVICE LINE. CONTRACTOR SHALL INSTALL ONE (1) 4" CONDUIT WITH PULL TAPE FOR DATA/COMM/TELEPHONE SERVICE; CONNECT TO EXISTING COMMUNICATION BOX. CONTRACTOR TO COORDINATE SCOPE OF WORK WITH MEP PLANS AND PURVEYOR
- 4. APPROXIMATE LOCATION OF DATA/COMM/TELE CONNECTION TO BUILDING. REFER TO MEP PLANS FOR
- CONNECT TO EXISTING DATA/COMM/TELE SERVICE. CONTRACTOR SHALL COORDINATE SCOPE OF WORK

INVERT CLEAR

±6293.20 ±2.0°

±6293.80 ±1.2'

±6292.36 ±1.7'

±6292.9* ±1.0'

±6292.9* ±1.0'

±1.3'

±6293.80

±6292.51

±6291.63

6. CONNECT TO EXISTING POWER. CONTRACTOR TO COORDINATE SCOPE OF WORK WITH MEP PLANS AND

TOP UTILITY

ELECTRICAL

DOMESTIC WATER

DOMESTIC WATER

SEWER

±6291.94 EX. ELECTRICAL

±6291.86 EX. ELECTRICAL

UTILITY CROSSING NOTE

OF ANY DISCREPANCIES.

**Add note "Gas meters must be a minimum of 3-feet away from any opening in walls. Ensure gas meter has 3-feet radial separation from doors, coperable windows, and sources of ignition.

**Gas and electric meter locations on plan view and building elevations must be shown and labeled

SANITARY SEWER

STRUCTURE					
TABLE					
GREASE INTERCEPTOR RIM=6292.76					
IE=6292.19 (4" IN N IE=6292.19 (4" OUT					
SAMPLE PORT, RIM=6294.91					
IE=6292.14 (4" IN N IE=6292.14 (4" OUT					
SSCO#1, RIM=6296.19					
IE=6292.50 (6" OUT					
SSCO#2, RIM=6296.18 IE=6292.50 (4" OUT					
SSCO#3, RIM=6295.10 IE=6292.00 (6" OUT					
SSCO#4, RIM=6295.02 IE=6291.71 (6" IN W					
SSCO#5, RIM=6295.76 IE=6290.85 (6" IN S					

(III) UTILITY CROSSING NOTE:

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UTILITY POTHOLING NOTE:

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UTILITY PROTECTION NOTE:

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UTILITY COORDINATION NOTE:

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NOTIFY ENGINEER OF ANY DISCREPANCIES.

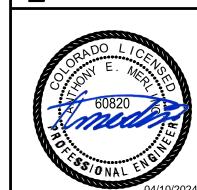




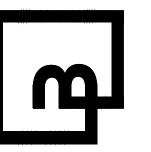


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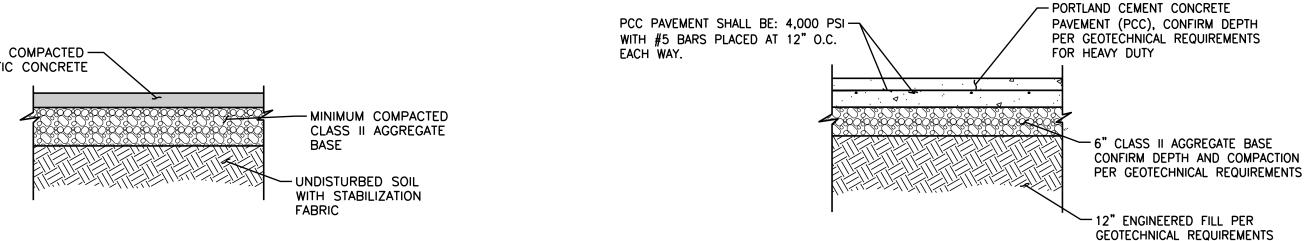
UTILITY CONFLICT NOTE:



Barghauser Consulting

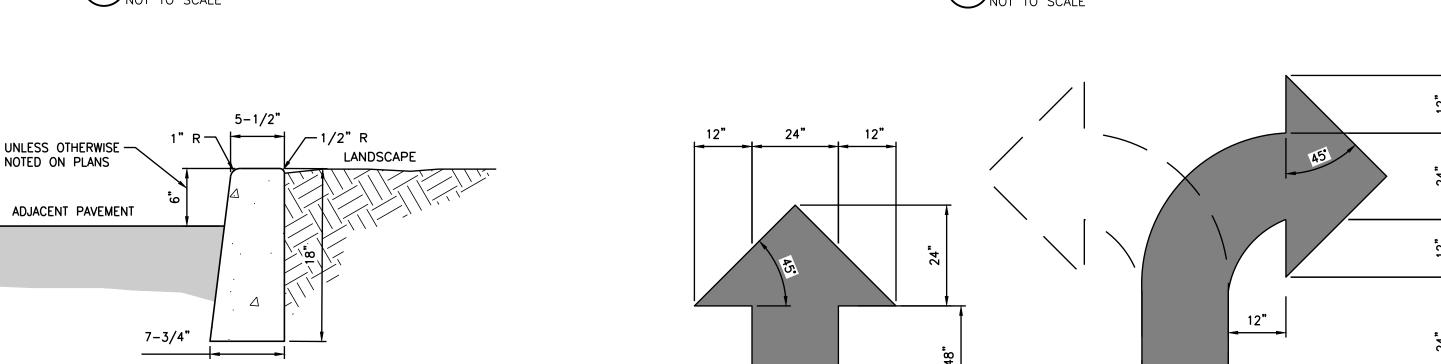


A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO



WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER ALL PORTLAND CEMENT CONCRETE PAVEMENT (PCC) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

CONCRETE PAVING SECTION



24"

4" CONCRETE WALK (BROOM FINISH) -

W/ 6X6-W1.4XW1.4 W.W.F.

LANDSCAPE AREA) SLOPE TO 2"

4" COMPACTED AGGREGATE BASE -

GEOTECHNICAL REQUIREMENTS

SUBGRADE PER GEOTECHNICAL -

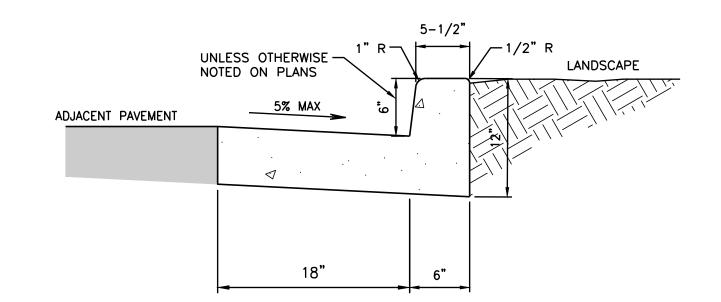
(NO VAPOR BARRIER) COMPACTION

PULVERIZED TOPSOIL (TYPICAL

BELOW TOP OF SIDEWALK

REPORT, TYPICAL





ONSITE CURB AND GUTTER

APPLY 2 COATS OF CHLORINATED RUBBER-TYPE TRAFFIC-LANE MARKING PAINT OVER CLEANED PAVING



SEE SITE PLAN FOR WIDTH _ 6'

B. PROVIDE EXPANSION JOINTS AT 28' TO 30' O.C. MAXIMUM, SEE DETAIL 4 THIS SHEET.

C. WHEN WALK IS ADJACENT TO THE BUILDING PROVIDE 3/8" X 4" IMPREGNATED FIBERBOARD

TOOLED -

JOINT

TYPICAL SECTION

SLOPE VARIES

2% (MAX.)

WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORTS.

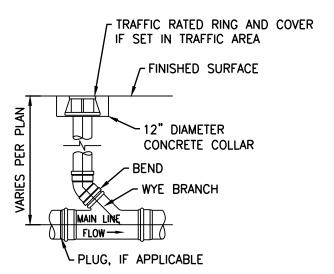
ONSITE SIDEWALK

WIDTH, REFER TO DETAIL 4 THIS SHEET.

23" ISA FIGURE WIDTH,-BLUE BACKGROUND-WHITE BORDER -

- SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL. BOTTOM OF SYMBOL TO BE LOCATED FLUSH WITH ACCESS DRIVE,
- CENTERED ON PARKING SPACE.

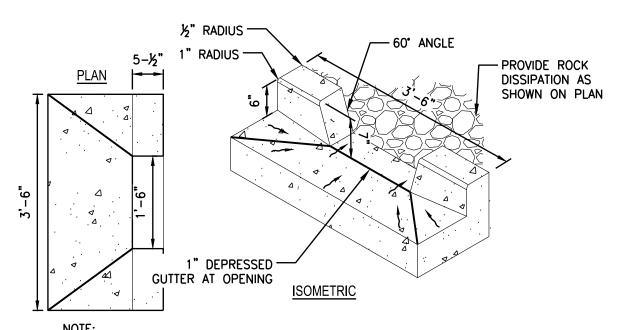




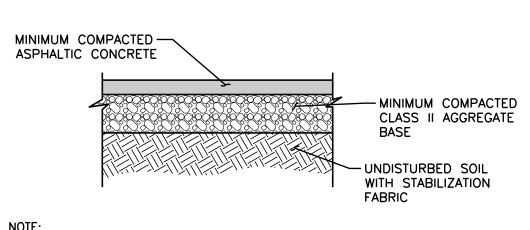
CONSTRUCTION NOTES:

- 3. ALL PIPE/FITTING SHALL CONFORM TO SPECIFICATIONS ON UTILITY



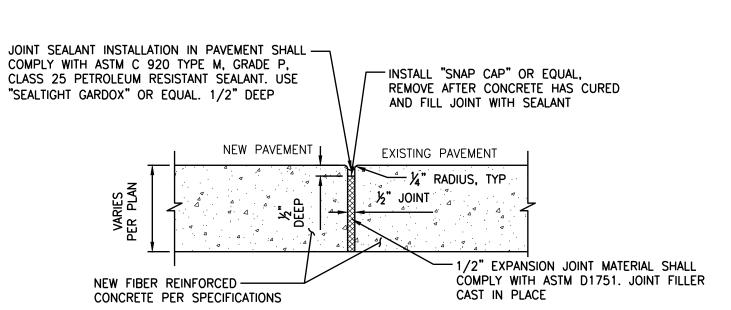




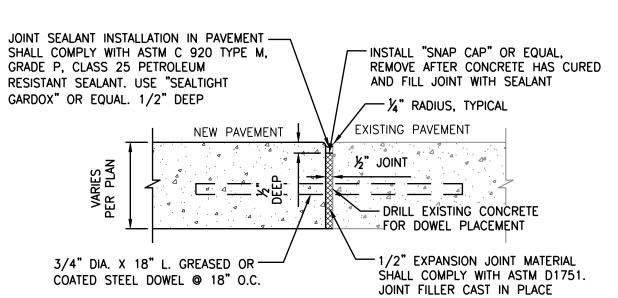


ALL ASPHALTIC PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE

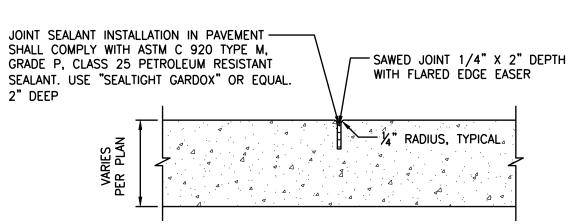
ASPHALT PAVING SECTION



CONSTRUCTION JOINT

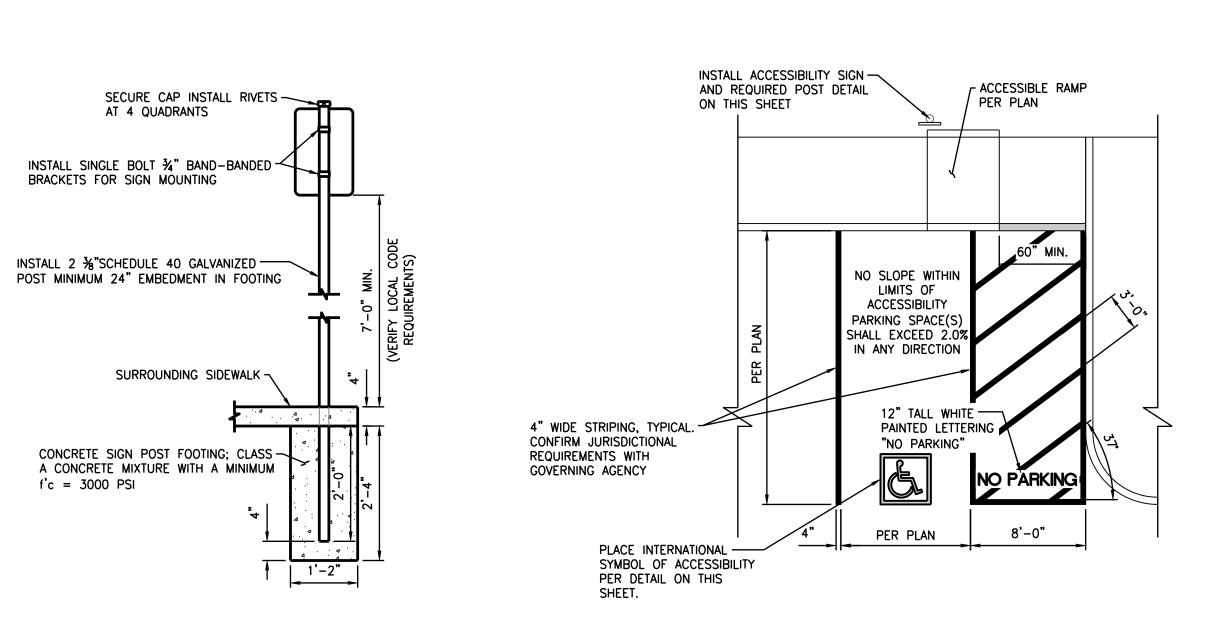


EXPANSION JOINT (TYPICAL)



CONTROL JOINT (SAWED)

CONCRETE JOINTING





estimate of development charges, fees, Recovery Agreement Charges or other utility related costs that may apply to this development oln instances where metered water and/or wastewater connections existed on the property, please contact UDS to discuss distribution of Water and/or Wastewater Development Charges to eligible lots.

DETAIL!

 2.When new water meters are proposed to serve the project or additional demand added to existing water meters, a Commercial Water Meter Sizing Form will be required to be submitted to CSU prior to Service Contract issuance and plan set - UNLESS OTHERWISE, 3.CSU requires an Application for Gas and Electric Line Extension to be submitted

1.Please contact Utilities Development Services (UDS) at 719.668.8111 for an

Please acknowledge the following items, if applicable:

Information Items:

NOTED ON PLANS

PAVEMENT DEPTH

along with a Load Data form or an Application for Gas Service Line Approval and/or Application for Elevated Pressure Approval prior to electric and natural gas system design for service to the project. Refer to the CSU Line Extension and Service Standards or contact Field Engineering at 719-668-4985. AGGREGATE BASE 4.CSU may require an extension contract and payment of contributions-in-aid of construction (or a Revenue Guarantee Contract) for the extension of electric facilities needed to serve the development. With regard to natural gas extensions,

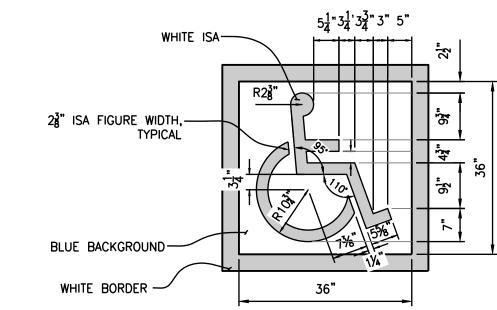
CSU may require an extension contract and advance payment for the estimated costs to construct the necessary gas extensions. A. SIDEWALKS VARY IN WIDTH. CONTROL JOINTS TO BE PLACED AT SPACING EQUAL TO SIDEWALKS. Improvements, structures and trees must not be located directly over or within 6 feet of any underground gas or electric distribution facilities and shall not violate

any provision of the National Electric Safety Code (NESC) or any applicable D. ALL PORTLAND CEMENT CONCRETE PAVEMENT (PCC) SHALL BE CONSTRUCTED IN ACCORDANCE Natural gas regulations or CSU' policies. 6.Improvements, structures and trees shall not be located under any overhead utility facility, shall not violate NESC clearances, and shall not impair access or the

ability to maintain utility facilities. 7.Landscaping shall be designed to provide the required clearances for utility facilities, to allow continuous access for utility equipment, and to minimize conflicts

with such facilities. 8.CSU requires wastewater and water construction drawings when new wastewater and water facilities are proposed. Plans can be submitted

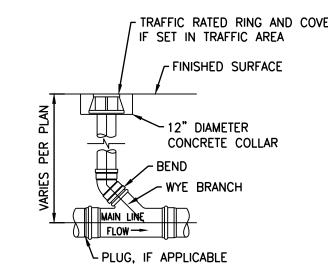
electronically to UDS via www.csu.org.



PAVEMENT INTERNATIONAL SYMBOL OF ACCESSIBILITY NOTES:

- SYMBOL IS REQUIRED TO CONTRAST WITH BACKGROUND.

INTERNATIONAL SYMBOL OF ACCESSIBILITY



- 1. RING AND ACCESS COVER SHALL BE H20 TRAFFIC RATED AND DUCTILE OR CAST IRON CASTING.
- 2. RING AND COVER SHALL BE SET FLUSH WITH FINISHED SURFACE.

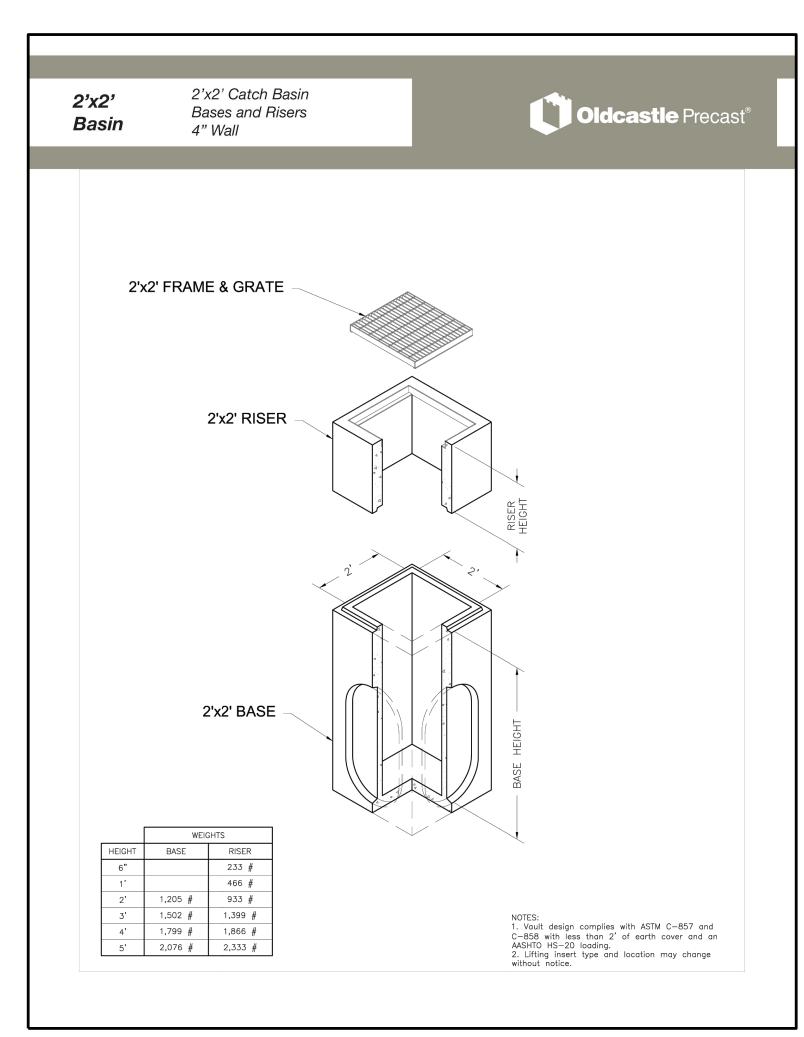


MATCH ELEVATIONS OF ADJACENT CURB AND GUTTER.

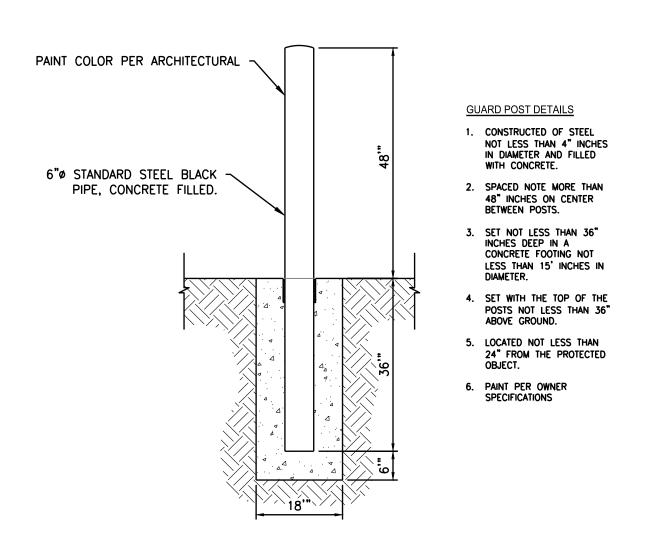
7

Barghausen Consulting E

Know what's below. Call before you dig. Dial 811



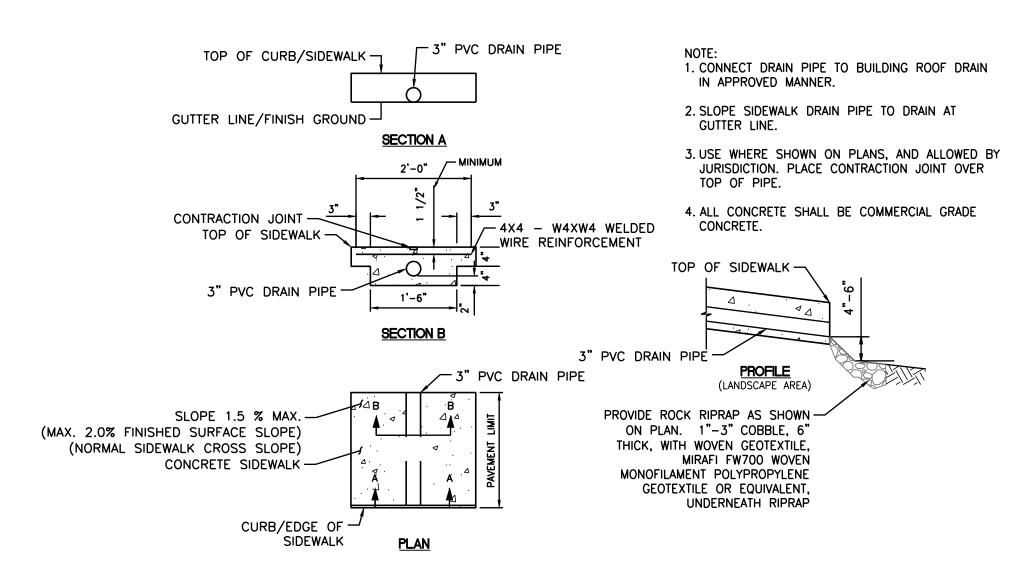
PRE-CAST CATCH BASIN



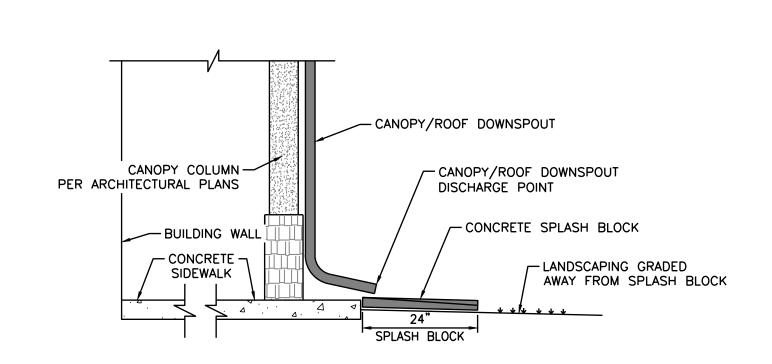


DUTCH BROS. COFFEE - CO0907, COLORADO SPRINGS, CO

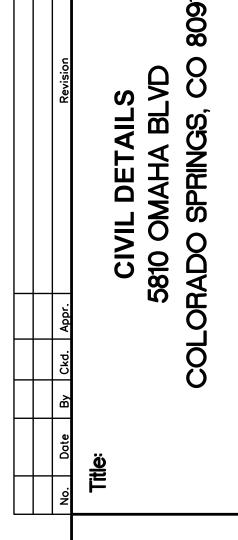
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO

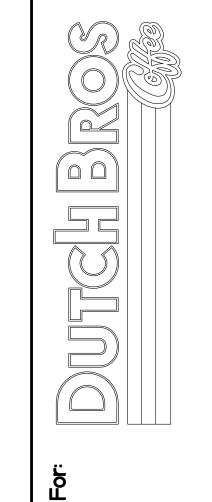


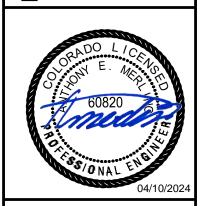
SIDEWALK UNDERDRAIN

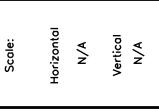


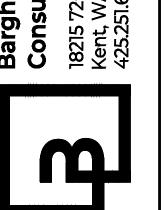
DOWNSPOUT W/ SPLASH BLOCK 13 NOT TO SCALE



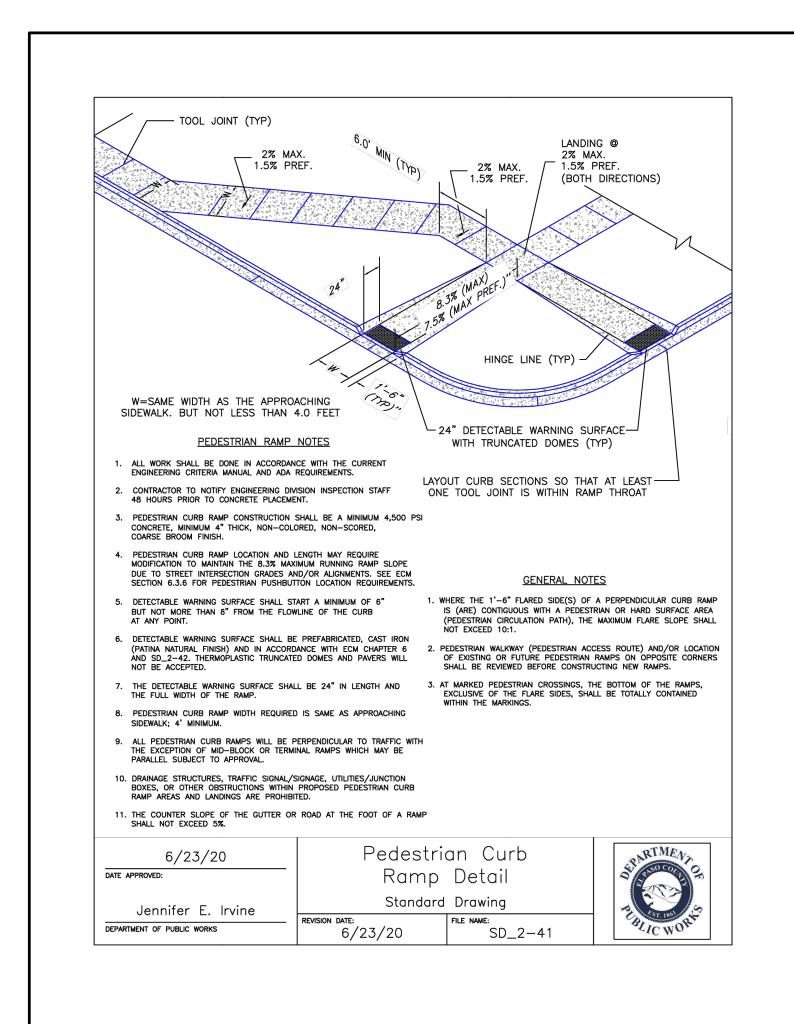


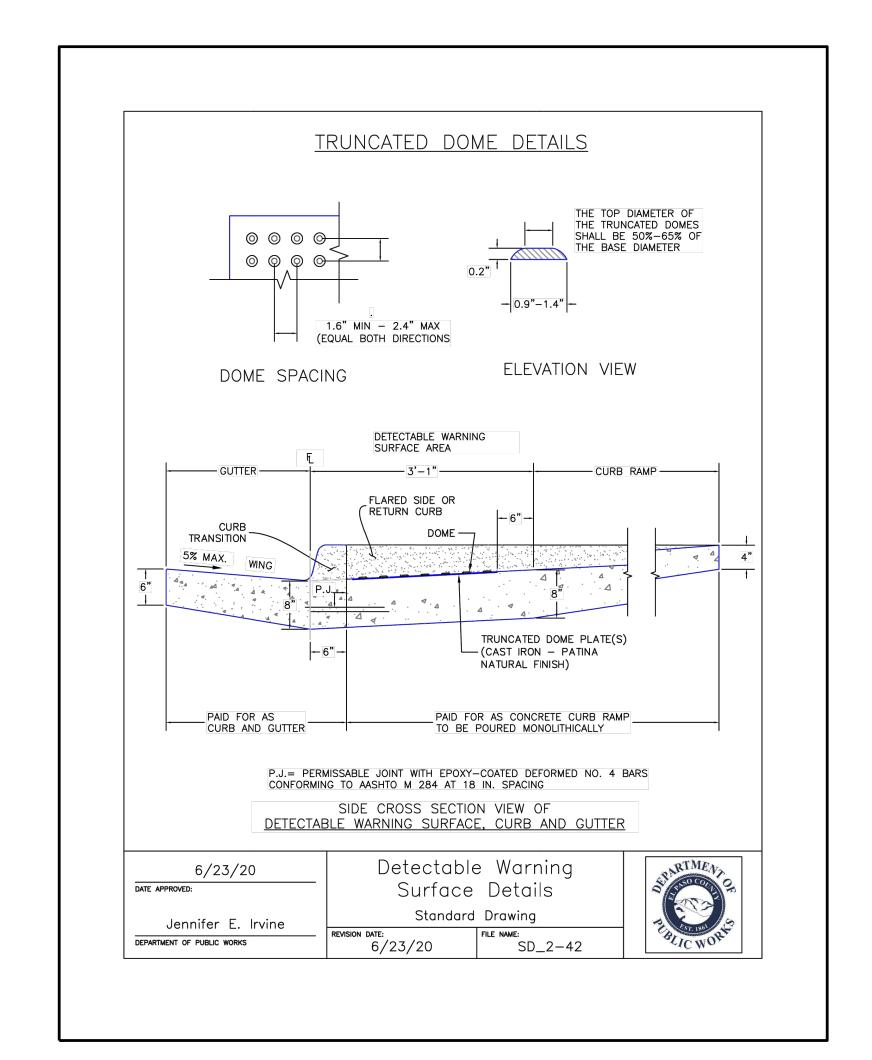


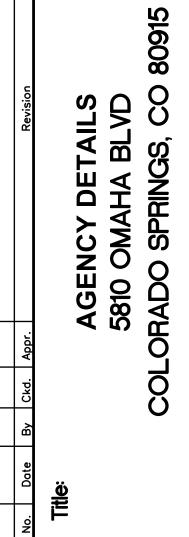


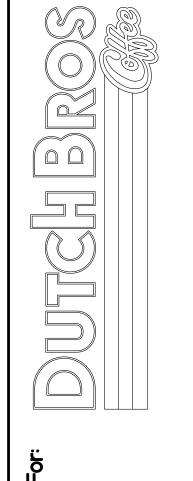


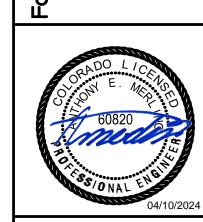
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 6 TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH PM CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, COLORADO













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Designed EMM	Drawn EMM	Checked AEM	Approved AEM	70/ 80/ 70 -1-0



