

BRAKES PLUS
SITE DEVELOPMENT PLAN
2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

LAND AREA:

33,808 SQ. FT. OR 0.776 ACRES MORE OR LESS

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE ASSUMED AND BASED UPON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST, 6TH P.M., CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO WHICH BEARS N89°46'34"E BETWEEN THE MONUMENTS SHOWN HEREON.

BENCHMARK:

LOCATED AT THE NORTHEAST CORNER OF ROXANNE COURT AND BISMARK ROAD AS A NAIL AND WASHER ON THE TOP OF A CONCRETE STORM VAULT (ELEVATION = 6542.01 NAVD 1988)

LEGAL DESCRIPTION

LOT 1, BLOCK 1, CLAREMONT RANCH, FILING NO. 9C

ADA NOTE:

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

FEMA CLASSIFICATION

THIS SITE IS NOT WITHIN A DESIGNATED F.E.M.A. FLOODPLAIN AS DETERMINED BY FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 08041C0756G EFFECTIVE DATE DECEMBER 7, 2018 AND IS LABELED AS A ZONE "X" AREA, OR AREA OF MINIMAL FLOOD HAZARD.

NOTICE AND WARNING:

COMPLIANCE WITH THE AMERICANS FOR DISABILITIES ACT ("ADA") AND OTHER FEDERAL AND STATE ACCESSIBILITY LAWS IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER. THEREFORE, COMPLIANCE WITH CITY CODES DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS. THE CITY OF FOUNTAIN IS NOT RESPONSIBLE FOR ENFORCEMENT OF THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS.

PROPERTY OWNER ACKNOWLEDGEMENT

BRAKES PLUS, LLC, BEING THE OWNER(S) OF THE LAND DESCRIBED HEREIN HAVE CAUSED SAID LAND TO BE SITE PLANNED UNDER THE NAME OF BRAKES PLUS, LLC. ALL CONDITIONS, TERMS, AND SPECIFICATIONS DESIGNATED OR DESCRIBED ON THIS DOCUMENT SHALL BE BINDING ON THE OWNERS, THEIR HEIRS, SUCCESSORS AND ASSIGNS.

NO CHANGES MAY BE MADE TO THIS SITE DEVELOPMENT PLAN WITHOUT CITY APPROVAL. MINOR CHANGES TO THE SITE DEVELOPMENT PLAN MAY BE APPROVED ADMINISTRATIVELY BY THE CITY PLANNING DEPARTMENT. MAJOR CHANGES TO THIS SITE DEVELOPMENT PLAN, ESPECIALLY DELETIONS OF APPROVED ITEMS OR SUBSTANTIAL CHANGES IN BUILDING LOCATION SHALL BE SUBJECT TO THE SAME APPLICATION, REVIEW AND APPEAL PROCESSES APPLICABLE TO THE ORIGINAL SITE DEVELOPMENT PLAN. ENGINEERING, GRADING, AND CONSTRUCTION PLANS ARE NOT PART OF THIS APPROVAL.

IN WITNESS WHEREOF, WE HAVE HEREUNTO SET OUR HANDS AND SEALS THIS ____ DAY OF _____, 20____.

[PROPERTY OWNER]

NOTARY CERTIFICATE

(STATE OF)
(COUNTY OF)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS ____ DAY OF _____, 20____, BY _____ (NAME AND TITLE)

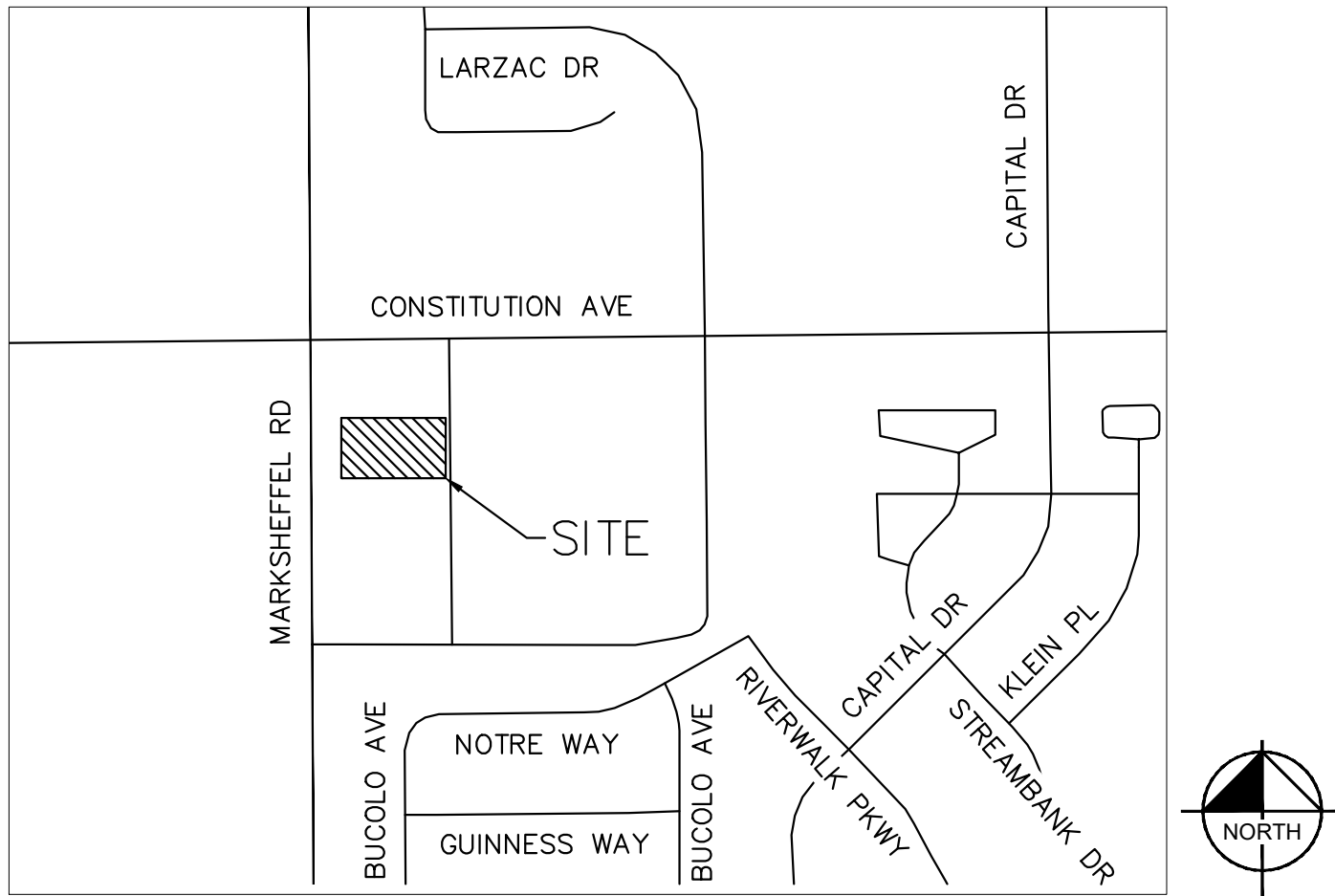
MY COMMISSION EXPIRES: _____

ADDRESS OF NOTARY: _____

NOTARY PUBLIC

PARKING NOTE:

THE DEVELOPER OF CLAREMONT RANCH MARKETPLACE, EVERGREEN, RECORDED A COMMON OPERATING AND RECIPROCAL EASEMENT AGREEMENT (COREA) RECORDED ON JANUARY 20, 2016 (RECORD #216005845). WITHIN THIS DOCUMENT, CROSS PARKING IS ALLOWED TO OCCUR BETWEEN PARCELS OF THE CLAREMONT RANCH MARKETPLACE DEVELOPMENT SOLELY FOR THE BENEFIT OF THE CUSTOMERS AS EMPLOYEES ARE REQUIRED TO PARK ON THE PARCEL OF THE BUSINESS THEY WORK FOR. THE EASEMENT IS NON-EXCLUSIVE AND SOLELY FOR THE BENEFIT OF THE CUSTOMERS. IN ADDITION, ACCORDING TO THE APPROVED SDP FOR THE NORTHERN ADJACENT PROPERTY (ENT - POD FILE NO. PPR-18-012), THE 11 PARKING STALLS THEY HAVE OFF-SITE ARE NOT NECESSARY TO MEETING THEIR PARKING NEED AND THE DEMOLITION OF THESE STALLS SHOULD NOT PROHIBIT BRAKES PLUS STORE DEVELOPMENT.



VICINITY MAP
NOT TO SCALE

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	SITE PLAN
3	UTILITY PLAN
4	DETAILS

*	5	LANDSCAPE PLAN
*	6	LANDSCAPE DETAILS
*	7	LANDSCAPE NOTES

*	8	BUILDING FLOOR PLAN
*	9	BUILDING ELEVATIONS

*	10	PHOTOMETRIC PLAN
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*SHEET IS INCLUDED IN SUBMITTAL AS SEPARATE DOCUMENT

CONTACTS:

DEVELOPER:
BRAKES PLUS, LLC.
6951 SOUTH BLACKHAWK STREET #700
ENGLEWOOD, CO 80112
TEL: (720) 247-2629
CONTACT: BOB GIESE

ARCHITECT:
ARCODEV ARCHITECTS
5265 RIO GRANDE STREET, SUITE 202
LITTLETON, CO 80120
TEL: (303) 385-1203
CONTACT: NORM HERMAN

ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
2801 AUTOMATION WAY, SUITE 210
FORT COLLINS, CO 80525
TEL: (303) 228-2300
CONTACT: EMILY FELTON, P.E.

SURVEYOR:
ALTURA LAND CONSULTANTS
6950 S TUCSON WAY
CENTENNIAL, CO 80112
TEL: (720) 488-1303
CONTACT: JESUS LUGO P.L.S.

LANDSCAPE ARCHITECT:
KIMLEY-HORN AND ASSOCIATES, INC.
4582 SOUTH ULSTER STREET, SUITE 1500
DENVER, CO 80237
TEL: (303) 228-2300
CONTACT: CHRIS HEPLER, P.L.A.

OWNER:
RED ARROW CAPITAL, INC.
7076 SOUTH ALTON WAY, BLDG D
CENTENNIAL, CO 80112
TEL: (720) 274-2603
CONTACT: DEAN PISCIOTTA

SITE DATA

SITE AREA:	0.776± AC (33,808 SF)
ZONING CLASSIFICATION:	COMMERCIAL REGIONAL (CR)
LAND USE:	AUTO REPAIR
JURISDICTION:	EL PASO COUNTY
SITE ADDRESS:	2467 MARKSHEFFEL ROAD
TAX SCHEDULE NO.:	5404210069
BUILDING SETBACKS:	50' FRONT SETBACK 25' SIDE SETBACK 25' REAR SETBACK
MAXIMUM LOT COVERAGE:	N/A
PROPOSED EASEMENTS:	NONE
LANDSCAPE:	5% OF INTERIOR LOT REQUIRED (1,691 SF)
SITE COVERAGE:	BUILDING - 4,839 SF 14%± DRIVEWAY AND PARKING - 17,061 SF 50%± SIDEWALKS AND HARDSCAPE - 1,142 SF 3%± LANDSCAPING - 10,766 SF 32%±

BUILDING DATA

TOTAL GROSS BUILDING AREA:	4,839 S.F.
BUILDING HEIGHT:	28.00'
PROPOSED:	45.0
MAXIMUM BY CODE:	
PROPOSED LOT COVERAGE:	14.3%±
CONSTRUCTION TYPE:	V-B (NON SEPARATED MIXED USE)
OCCUPANCY CLASSIFICATION:	M AND S-1

ON-SITE PARKING COUNTS

	PARKING REQUIRED	PARKING PROVIDED
OFF-STREET PARKING	5	20
ADA	1	1
BICYCLE PARKING	1	2

OVERALL SUBDIVISION PARKING COUNTS

	PARKING REQUIRED	PARKING PROVIDED
COMMERCIAL CENTERS (>10 AC) (KING SOOPERS)	410 (1 SPACE/300 SF)	548
FINANCIAL INSTITUTION (ENT BANK)	18 (1 SPACE/250 SF)	29*
AUTO SALES (BRAKES PLUS)	5	20
DRIVE-IN/FAST FOOD RESTAURANT (STARBUCKS)	24 (1 SPACE/100 SF)	25

*PARKING COUNT FOR ENT BANK INCLUDES 27 EXISTING STALLS & 2 PROPOSED STALLS WITHIN THE PROPERTY BOUNDARY.

OWNER/DEVELOPER STATEMENT

I, THE OWNER/DEVELOPER ACCEPT THE CONDITIONS AND RESTRICTIONS AS SET FORTH ON THE FINAL DEVELOPMENT PLAN.

RED ARROW CAPITAL, INC.
BY: _____
TITLE: _____
ADDRESS: _____

Kimley»Horn

© 2021 KIMLEY-HORN AND ASSOCIATES, INC.
3801 AUTOMATION WAY, SUITE 210
FORT COLLINS, COLORADO 80525 (303) 228-2300

Approved

By: Craig Dossey, Executive Director

Date: 10/12/2021

El Paso County Planning & Community Development



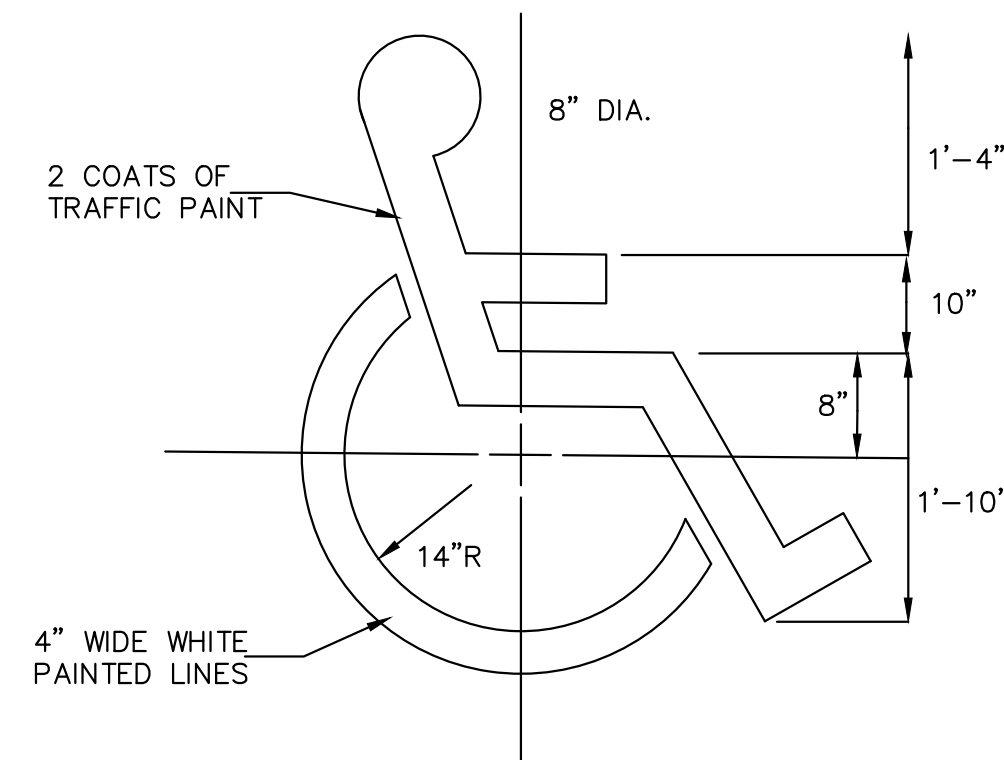
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BRAKES PLUS

SITE DEVELOPMENT PLAN

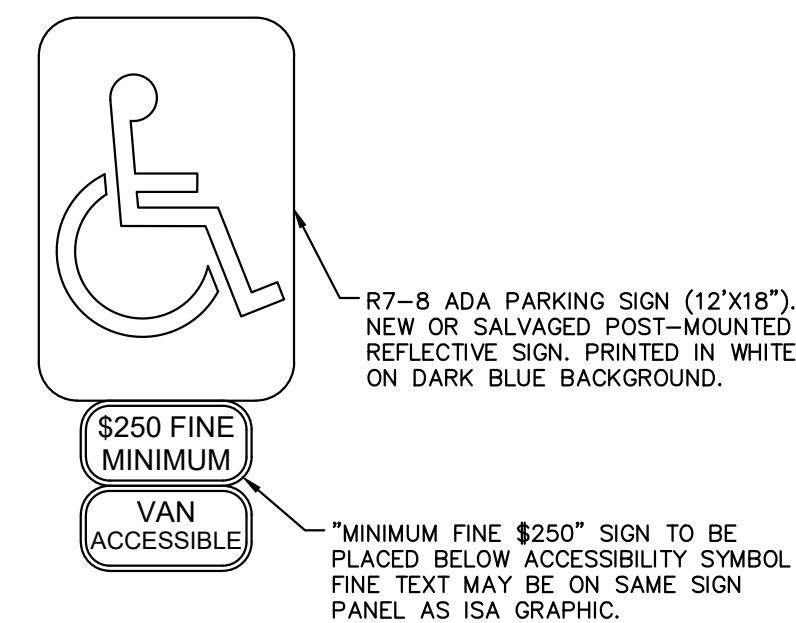
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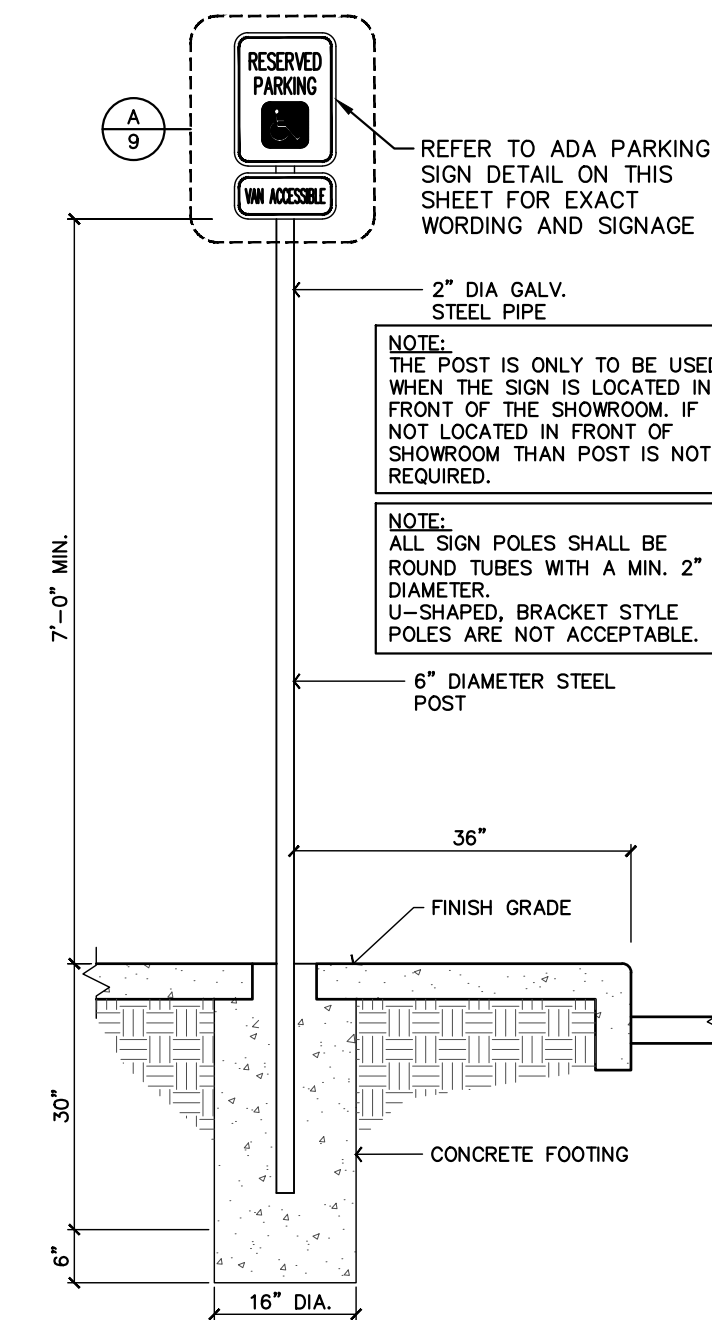
HANDICAP SYMBOL

NOT TO SCALE



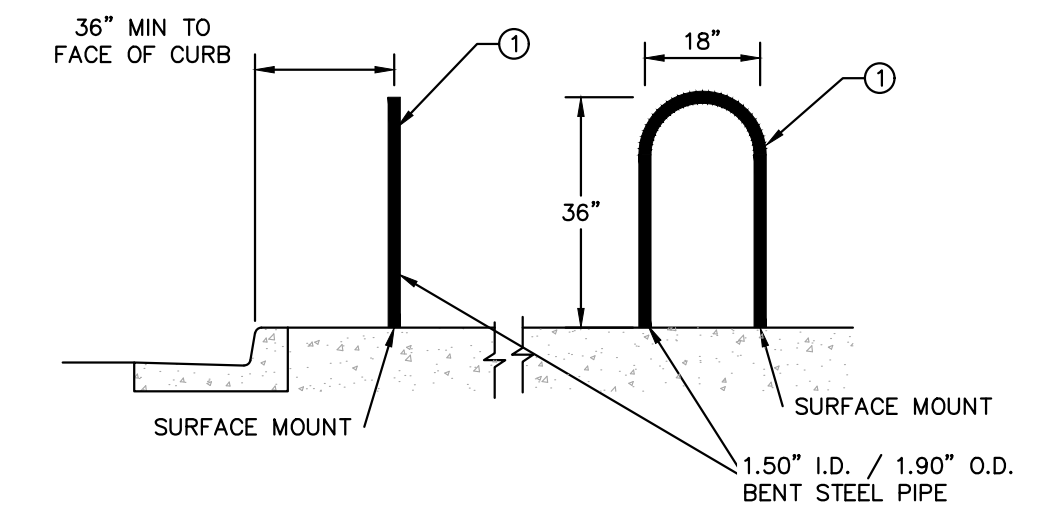
ADA PARKING SIGN DETAILS

NOT TO SCALE



ACCESSIBLE SIGN POST DETAIL

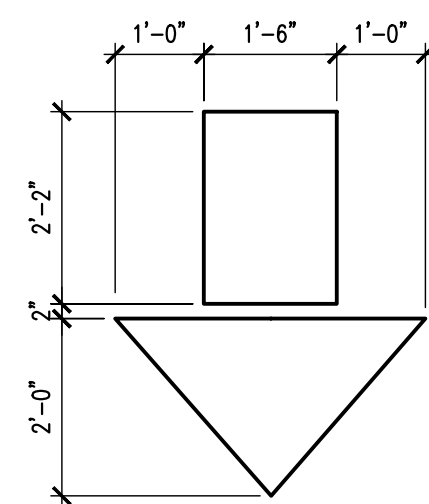
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BIKE RACK DETAIL

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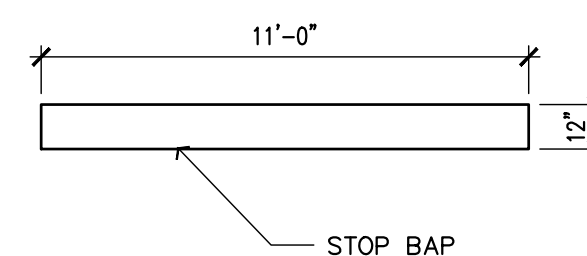
- NOTES:
1. PLACE ARROW IN CENTER OF TRAFFIC LANE, SEE SITE PLAN.
 2. PAINT ARROW WITH WHITE BEADED REFLECTIVE PAINT. SEE SPECS. FOR ADDITIONAL INFORMATION.
 3. PAINT TWO (2) COATS MINIMUM. LET DRY BETWEEN COATS.



DIRECTIONAL ARROW STRIPING DETAIL

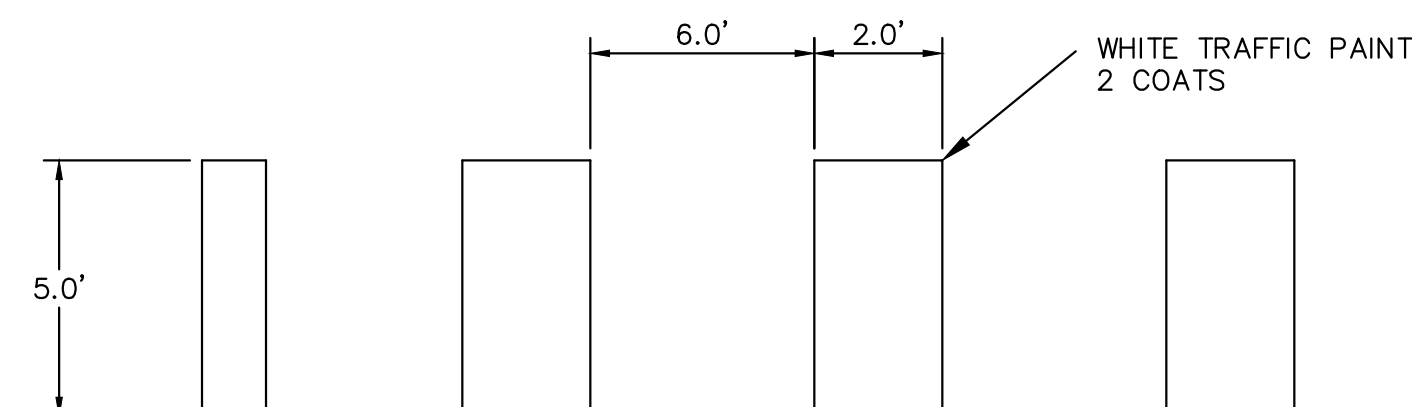
NOT TO SCALE

- NOTES:
1. PAINT STOP SIGN & BAR WITH WHITE BEADED REFLECTIVE PAINT. SEE SPECS. FOR ADDITIONAL INFORMATION.
 2. PAINT TWO (2) COATS MINIMUM. LET DRY BETWEEN COATS.



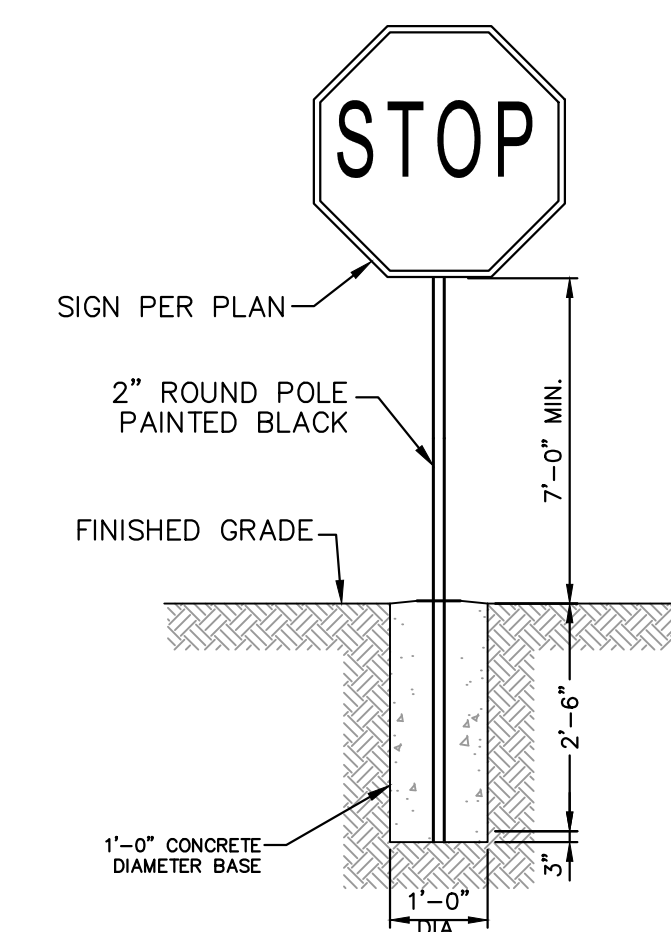
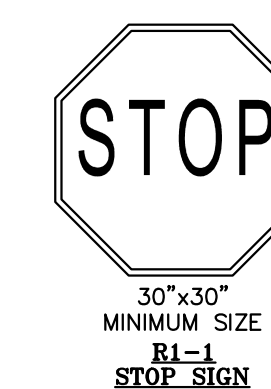
STOP BAR DETAIL

NOT TO SCALE



TYPICAL CROSSWALK DETAIL

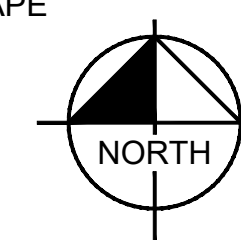
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STOP SIGN DETAIL

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GENERAL LANDSCAPE SPECIFICATIONS

- A. SCOPE OF WORK
1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.
- B. PROTECTION OF EXISTING STRUCTURES
1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BEST MANAGEMENT PRACTICES (BMP) DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MAINTENANCE OF TRAFFIC (MOT) THAT MAY BE REQUIRED FOR THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR: REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- C. PROTECTION OF EXISTING PLANT MATERIALS
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC.. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF FOUR HUNDRED DOLLARS (\$400) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.
2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.
- D. MATERIALS
1. GENERAL
- MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.
- | MATERIAL | SAMPLE SIZE |
|-------------|--|
| MULCH | ONE (1) CUBIC FOOT |
| TOPSOIL MIX | ONE (1) CUBIC FOOT |
| PLANTS | ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY) |
2. PLANT MATERIALS
- a. FURNISH NURSERY-GROWN PLANTS TRUE TO GENUS, SPECIES, VARIETY, CULTIVAR, STEM FORM, SHEARING, AND OTHER FEATURES INDICATED IN PLANT SCHEDULE SHOWN ON DRAWINGS AND COMPLYING WITH ANSI Z60.1 AND THE COLORADO NURSERY ACT, AND WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK, DENSELY FOLIATED WHEN IN LEAF AND FREE OF DISEASE, PESTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.
- b. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE.
- c. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE PROJECT LANDSCAPE ARCHITECT. ANY ROW TREES MUST BE APPROVED BY OFFICE OF THE CITY FORESTER.
- d. PROVIDE PLANTS OF SIZES, GRADES, AND BALL OR CONTAINER SIZES COMPLYING WITH ANSI Z60.1 AND COLORADO NURSERY ACT FOR TYPES AND FORM OF PLANTS REQUIRED. PLANTS OF A LARGER SIZE MAY BE USED IF ACCEPTABLE TO PROJECT LANDSCAPE ARCHITECT WITH A PROPORTIONATE INCREASE IN SIZE OF ROOTS OR BALLS.
- e. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.
- f. TREES WITH DAMAGED, CROOKED, OR MULTIPLE LEADERS, TIGHT VERTICAL BRANCHES WHERE BARK IS SQUEEZED BETWEEN TWO BRANCHES OR BETWEEN BRANCH AND TRUNK ("INCLUDED BARK"); CROSSING TRUNKS; CUT-OFF LIMBS MORE THAN ½ INCH (19 MM) IN DIAMETER; OR WITH STEM GIRDLING ROOTS WILL BE REJECTED.
- g. FURNISH TREES AND SHRUBS WITH ROOTS BALLS MEASURED FROM TOP OF ROOT BALL, WHICH SHALL BEGIN AT ROOT FLARE ACCORDING TO ANSI Z60.1 AND COLORADO NURSERY ACT. ROOT FLARE SHALL BE VISIBLE BEFORE PLANTING.
- h. LABEL AT LEAST ONE PLANT OF EACH VARIETY, SIZE, AND CALIPER WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF COMMON NAME AND FULL SCIENTIFIC NAME, INCLUDING GENUS AND SPECIES. INCLUDE NOMENCLATURE FOR HYBRID, VARIETY, OR CULTIVAR, IF APPLICABLE FOR THE PLANT AS SHOWN ON DRAWINGS.
- i. IF FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF PLANTS IS SHOWN ON DRAWINGS, SELECT STOCK FOR UNIFORM HEIGHT AND SPREAD, AND NUMBER THE LABELS TO ASSURE SYMMETRY IN PLANTING.
- E. SOIL MIXTURE
1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
2. SOIL MIXTURE SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
- a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT OPENINGS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER, HAVE A PH BETWEEN 5.5 AND 6.0, AND SOLUBLE SALTS LESS THAN 3.0 MMHOS/CM. SUBMIT SOIL SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
- b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.
3. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT THE PROJECT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
- F. WATER
1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC., IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

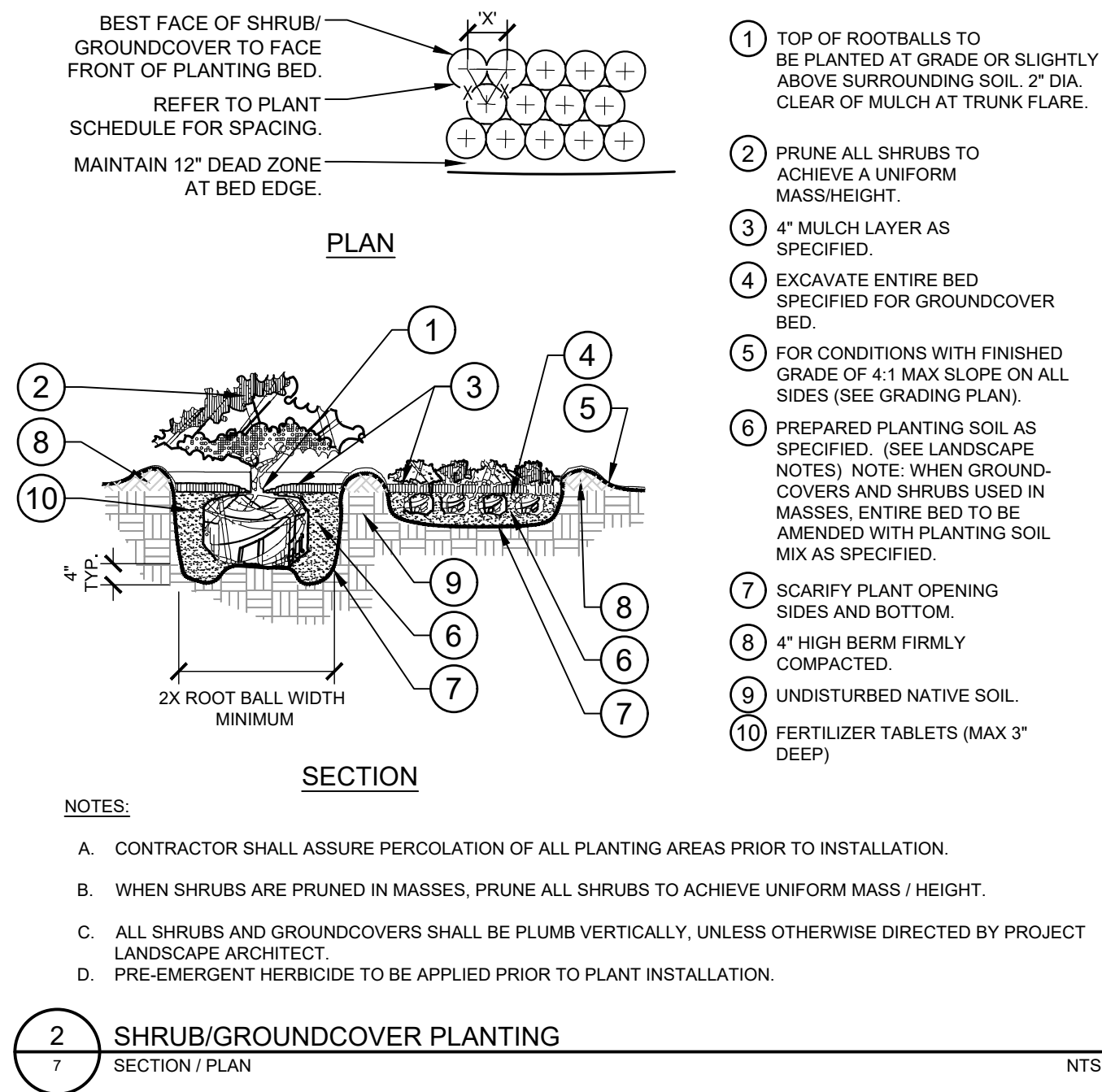
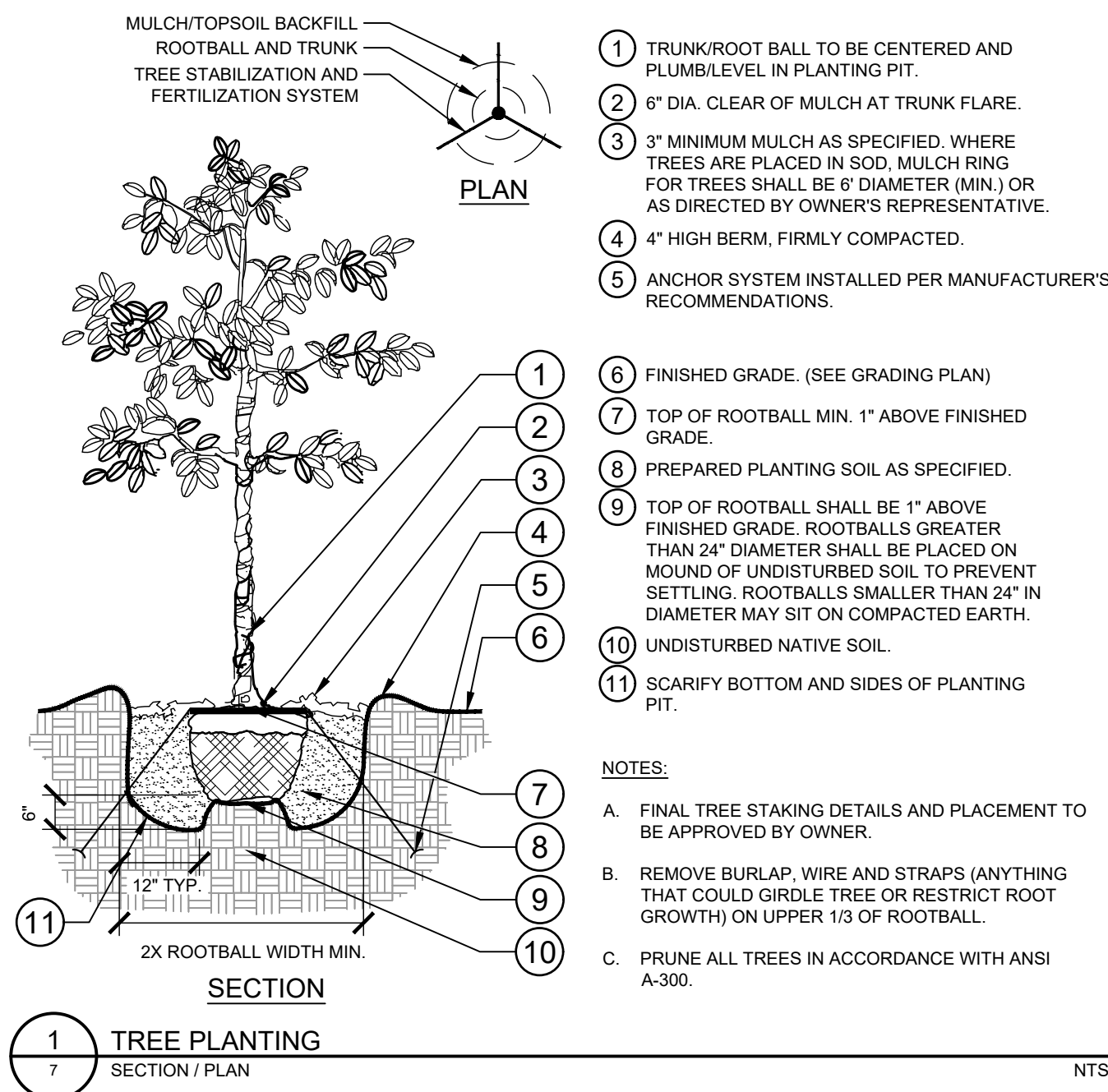
* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

- G. FERTILIZER
1. CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.
- * FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- H. MULCH
1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE) OR AS SHOWN IN PLANTING DETAILS. UNLESS OTHERWISE NOTED ON PLANS, MULCH SHALL BE DOUBLE SHREDDED HARDWOOD MULCH DARK BROWN FINES BY MOUNTAIN HIGH SAVATREE OR APPROVED EQUAL. DYED MULCH IS NOT ACCEPTABLE. SUBMIT SAMPLES TO PROJECT LANDSCAPE ARCHITECT FOR APPROVAL. MULCH SHALL BE PROVIDED OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE RING (6" MINIMUM) PLANTED UNDER THIS CONTRACT, AS WELL AS FOR ANY EXISTING LANDSCAPE AREAS AS SHOWN ON PLANS.
- I. DIGGING AND HANDLING
1. ALL TREES SPECIFIED SHALL BE BALLED AND BURLAPPED (B&B) UNLESS OTHERWISE APPROVED BY PROJECT LANDSCAPE ARCHITECT.
2. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILT-PRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
3. B&B AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.
- J. CONTAINER GROWN STOCK
1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
- K. MATERIALS LIST
1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE PLANT LIST GOVERN. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.
- L. FINE GRADING
1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH.
3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.
- M. PLANTING PROCEDURES
1. THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, BUILDING MATERIALS, AND TOXIC MATERIAL SHALL BE COMPLETELY REMOVED FROM PLANTING AREAS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS IN PLANTING AREAS WHICH WILL ADVERSELY AFFECT THE PLANT GROWTH, THE CONTRACTOR SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS LINES AND TANKS, WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL COLORADO (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.
4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE SHALL BE EXERCISED.
6. WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
7. ALL PLANTING OPENINGS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN STANDARD FOR NURSERY STOCK.
8. TEST ALL TREE OPENINGS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL.
9. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.
10. PRIOR TO EXCAVATION OF TREE OPENINGS, AN AREA EQUAL TO TWO TIMES THE DIAMETER OF THE ROOT BALL SHALL BE ROTO-TILLED TO A DEPTH EQUAL TO THE DEPTH OF THE ROOT BALL.
11. EXCAVATION OF TREE OPENINGS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.
12. IN CONTINUOUS SHRUB AND GROUND COVER BEDS, THE ROTO-TILLED PERIMETER SHOULD EXTEND TO A DISTANCE OF ONE FOOT BEYOND THE DIAMETER OF A SINGLE ROOT BALL. THE BED SHALL BE TILLED TO A DEPTH EQUAL TO THE ROOT BALL DEPTH PLUS 6".
13. TREE OPENINGS FOR WELL DRAINED SOILS SHALL BE DUG SO THAT THE BOTTOM OF THE ROOT BALL WILL REST ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL WILL BE FLUSH WITH FINISH GRADE. IN POORLY DRAINED SOILS THE TREE OPENING SHALL BE DUG SO THAT THE ROOT BALL RESTS ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL IS 1" ABOVE FINISH GRADE. PLANT PIT WALLS SHALL BE SCARIFIED PRIOR TO PLANT INSTALLATION.
14. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
15. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION "E".

16. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
17. AMEND PINE AND OAK PLANT OPENINGS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT OPENINGS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.
18. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE.
19. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
20. TREES SHALL BE PRUNED, IN ACCORDANCE WITH ANSI A-300, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST.
21. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOWN ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6". REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
22. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
23. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "TROUPLUP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS. SPOT APPLICATIONS PER MANUFACTURER'S RECOMMENDATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER, (AS ALLOWED BY JURISDICTIONAL AUTHORITY).
- N. LAWN SODDING
1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
3. PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
4. SODDING
- a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- b. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
6. LAWN MAINTENANCE
- a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12" UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK, INCLUDING REGRAIDING IF NECESSARY.
- b. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER, OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- O. EDGING
- a. CONTRACTOR SHALL INSTALL 4"x½" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.
- P. CLEANUP
1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM CONTRACTORS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- Q. PLANT MATERIAL MAINTENANCE
1. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, PRUNING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
- R. FINAL INSPECTION AND ACCEPTANCE OF WORK
1. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.
- S. WARRANTY
1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME EXISTING TREES FOR CROWN BY THE OWNER'S REPRESENTATIVE.
2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH.

BRAKES PLUS
SITE DEVELOPMENT PLAN
2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	CO	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2" CAL MIN	14' HT MIN
	JS2	2	JUNIPERUS SCOPULORUM	ROCKY MOUNTAIN JUNIPER	B & B		6' HT MIN
	QG	2	QUERCUS GAMBELII	GAMBEL OAK	B & B	2" CAL MIN	12' HT MIN
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
	CB	23	CARYOPTERIS X CLANDONENSIS 'BLUE MIST'	BLUE MIST BLUEBEARD	5 GAL	SEE PLAN	18" HT MIN
	CV	23	CHRY/SOTHAMNUS VISCIDIFLORUS	YELLOW RABBITBRUSH	5 GAL	SEE PLAN	18" HT MIN
	FN	22	FORESTIERA NEOMEXICANA	NEW MEXICO PRIVET	5 GAL	SEE PLAN	24" HT MIN
	JJ	51	JUNIPERUS COMMUNIS	COMMON JUNIPER	5 GAL	SEE PLAN	24" HT MIN
	MR	58	MAHONIA REPENS	CREeping MAHONIA	5 GAL	SEE PLAN	12" HT MIN
	PM	23	PINUS MUGO MUGO	DWARF MUGO PINE	5 GAL	SEE PLAN	24" HT MIN
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING
	RM	5,172 SF	1-1/2" - 2" HORIZON RIVER ROCK MULCH	BY PIONEER SAND AND STONE	-		
	PP2	6,012 SF	POA PRATENSIS	KENTUCKY BLUEGRASS	SOD		

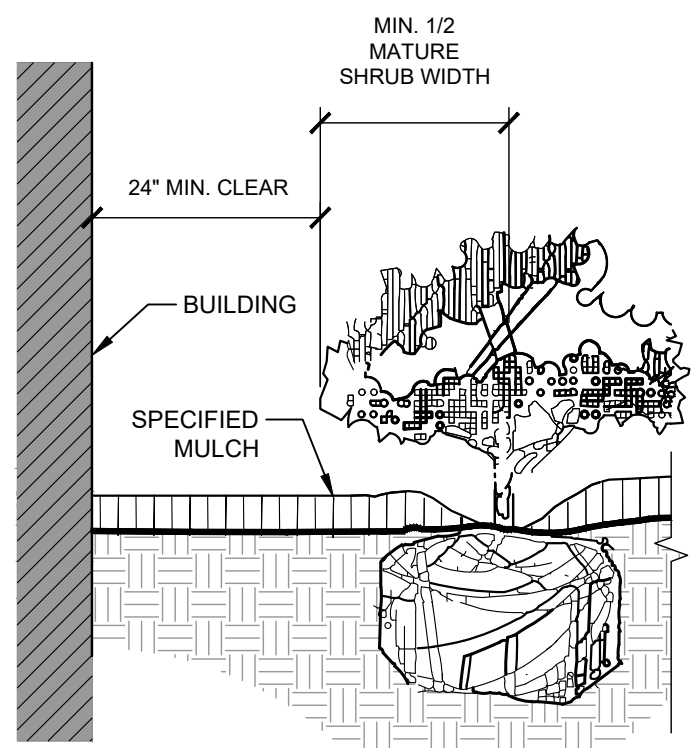
EL PASO COUNTY CODE TABLE

ROADWAY LANDSCAPE						
STREE NAME	STREET CLASSIFICATION	SETBACK WIDTH (FT) REQ./PROV.	LINEAR FOOTAGE (FT)	TREE/FEET REQUIRED	TREE REQ./PROV.	SUBST SHRUBS REQ./PROV.
Marksheffel Rd	Principle Arterial	25/53	115	1/20	6/4*	30/30
Private Road	Non-Arterial	10/10	132	1/30	5/0**	50/52
MOTOR VEHICLE LANDSCAPE						
NO. PARKING SPACES	TREES (1 SHADE TREE/15 SPACES) REQ./PROV.	FRONTAGE (LF)	SCREENING (LF) REQ. (2/3)/PROV.	SCREENING WIDTH (FT)	SCREENING HEIGHT (FT)	SCREEN EVERGREEN REQ./PROV.
22	2/2	214.5	142/176	6	3	50%/50%
INTERNAL LANDSCAPE						
SITE NET AREA (SQ FT)	INTERNAL LANDSCAPE AREA REQ. (5%)/PROV.	TREES/INTERNAL AREA REQUIRED	TREES REQ./PROV.	SUBST SHRUBS REQ./PROV.		
33,822.8	1,691 SF/10,766 SF	1/500	4/0***	40/60		
REQUIRED SCREENING						
SCREEN LOCATION	SCREENING WIDTH (FT)	SCREENING HEIGHT (FT)	SCREEN EVERGREEN REQ./PROV.			
Vehicle Repair Bay	6	6	50%/82%			
Refuse Collection Area	6	6	50%/100%			
GROUND COVER REQUIREMENTS						
TOTAL LANDSCAPE GROUND COVER	TOTAL LIVING LANDSCAPE COVER REQ./PROV	LIVING LANDSCAPE GROUND COVER PROVIDED	SHRUB COVER PROVIDED	TOTAL NONLIVING LANDSCAPE COVER		
11,008 SF	75%/75.4%	54.7%	20.7%	24.6%		

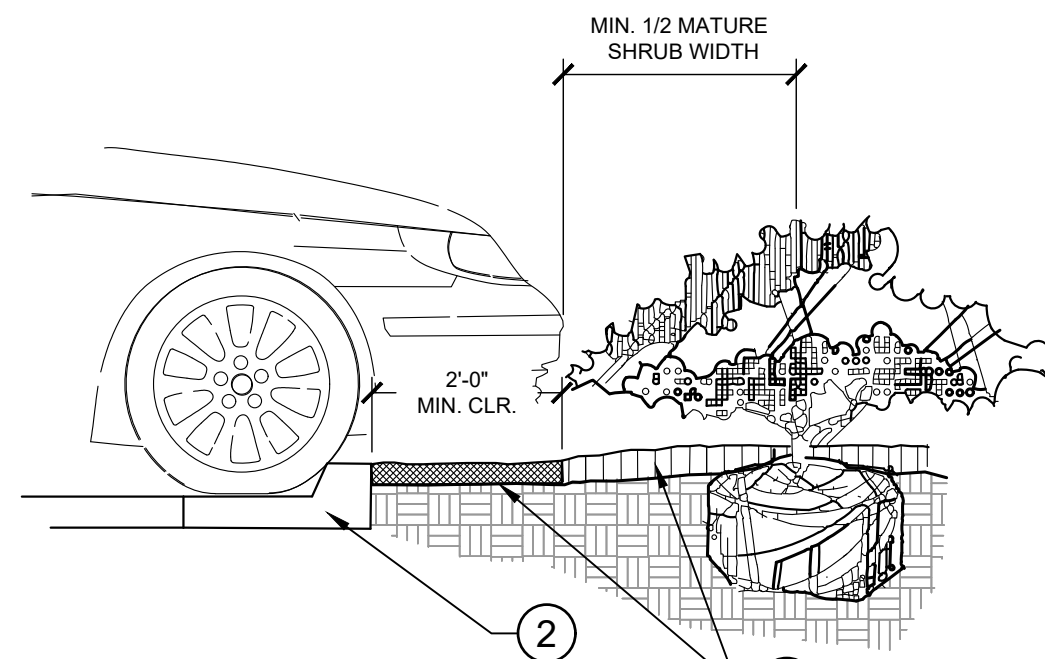
* 33% TREE SUBSTITUTION DUE TO EASEMENT CONFLICTS ON MARKSHEFFEL RD LANDSCAPE SETBACK

** 100% TREE SUBSTITUTION DUE TO UTILITY AND EASEMENT CONFLICT ON PRIVATE, NON-ARTERIAL ROAD

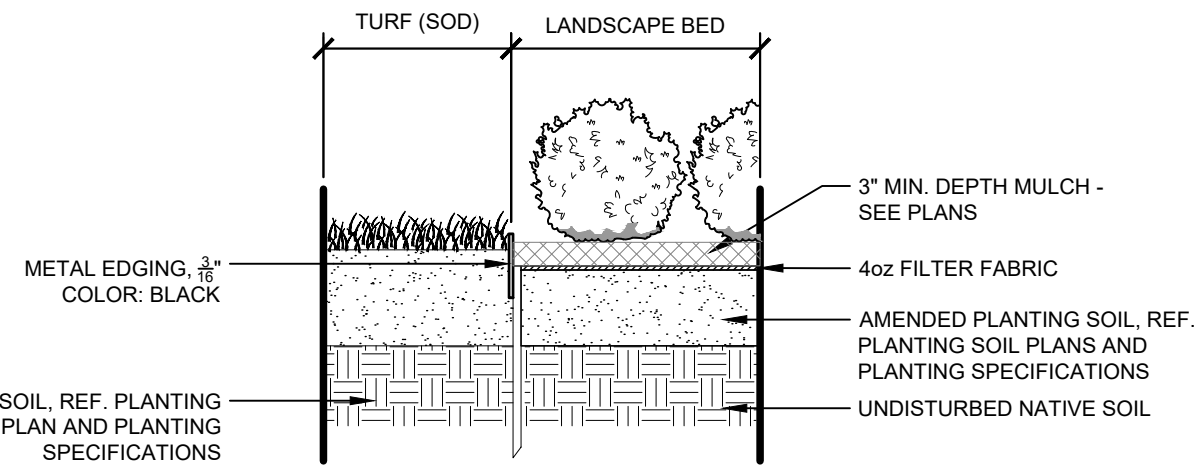
*** 100% TREE SUBSTITUTION DUE TO UTILITY AND EASEMENT CONFLICT IN INTERNAL LANDSCAPE



- NOTES:**
1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.
2. INSTALL SPECIFIED MULCH: 24" MIN. FROM BUILDING. SPECIFIED MULCH TO BE INSTALLED AT A DEPTH OF 4" (MIN.)



- 1 INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 4" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.
- 2 CURB / PARKING LOT EDGE.



1" = 1"

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3 PLANTINGS ADJACENT TO BUILDINGS
SECTION
NTS

4 PARKING SPACE/CURB PLANTING
SECTION
NTS

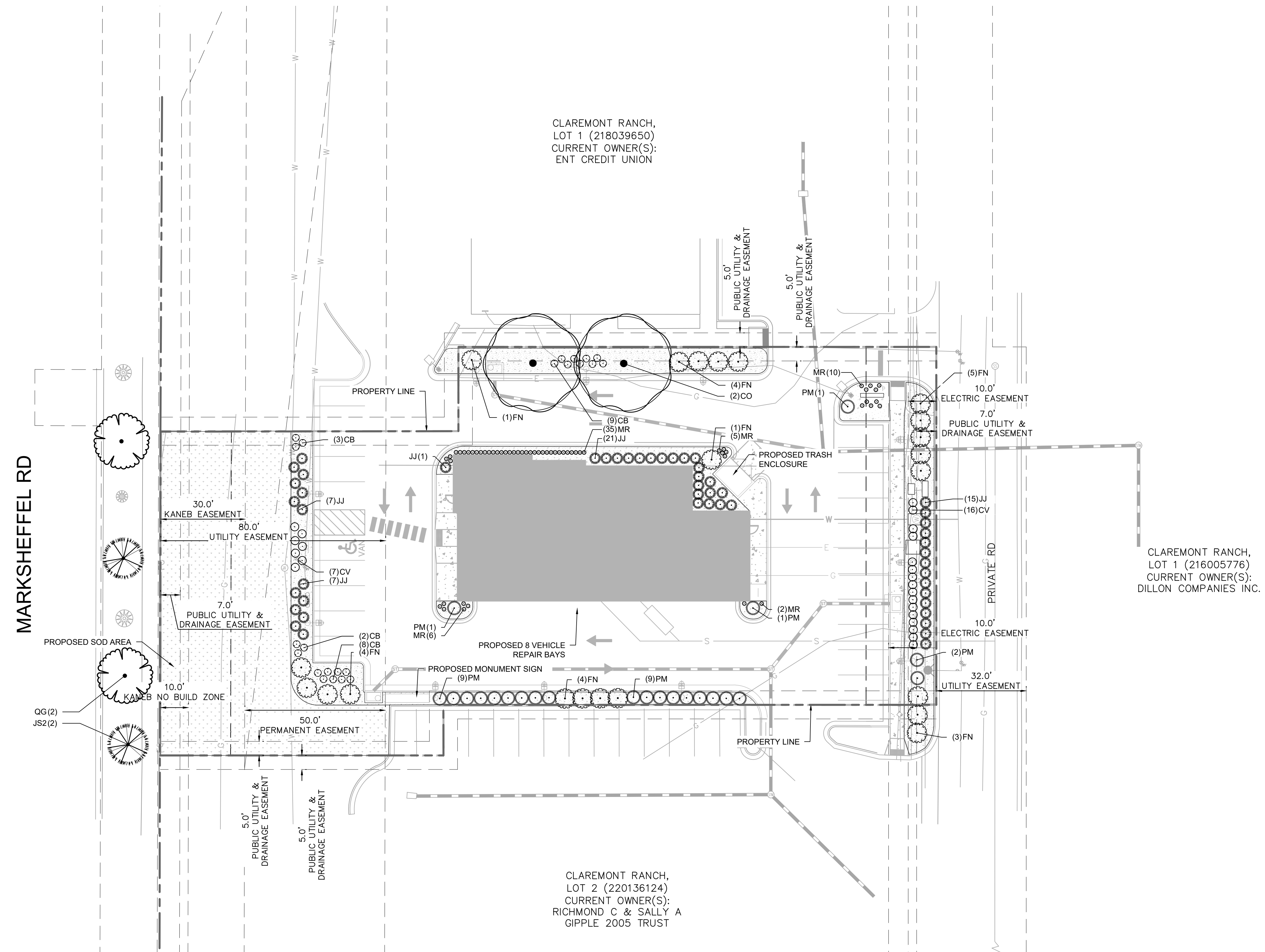
5 METAL EDGER AT PLANTING BED
SECTION
NTS

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BRAKES PLUS
SITE DEVELOPMENT PLAN
2467 MARKSHEFFEL ROAD

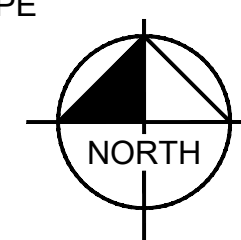
SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
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NOTE: AN ALTERNATIVE LANDSCAPE
PLAN IS BEING REQUESTED



PPR-21-18
LANDSCAPE PLAN
SHEET 5 OF 10

BRAKES PLUS

SITE DEVELOPMENT PLAN

2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

GENERAL LANDSCAPE SPECIFICATIONS

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BEST MANAGEMENT PRACTICES (BMP) DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MAINTENANCE OF TRAFFIC (MOT) THAT MAY BE REQUIRED FOR THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR: REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

C. PROTECTION OF EXISTING PLANT MATERIALS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC... THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF FOUR HUNDRED DOLLARS (\$400) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL, TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.
2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

D. MATERIALS

1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SAMPLE SIZE
MULCH	ONE (1) CUBIC FOOT
TOPSOIL MIX	ONE (1) CUBIC FOOT
PLANTS	ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)

2. PLANT MATERIALS

- a. FURNISH NURSERY-GROWN PLANTS TRUE TO GENUS, SPECIES, VARIETY, CULTIVAR, STEM FORM, SHEARING, AND OTHER FEATURES INDICATED IN PLANT SCHEDULE SHOWN ON DRAWINGS AND COMPLYING WITH ANSI Z60.1 AND THE COLORADO NURSERY ACT, AND WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK, DENSELY FOLIATED WHEN IN LEAF AND FREE OF DISEASE, PESTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.

- b. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE.

- c. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE PROJECT LANDSCAPE ARCHITECT. ANY ROW TREES MUST BE APPROVED BY OFFICE OF THE CITY FORESTER.

- d. PROVIDE PLANTS OF SIZES, GRADES, AND BALL OR CONTAINER SIZES COMPLYING WITH ANSI Z60.1 AND COLORADO NURSERY ACT FOR TYPES AND FORM OF PLANTS REQUIRED. PLANTS OF A LARGER SIZE MAY BE USED IF ACCEPTABLE TO PROJECT LANDSCAPE ARCHITECT WITH A PROPORTIONATE INCREASE IN SIZE OF ROOTS OR BALLS.

- e. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER. FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

- f. TREES WITH DAMAGED, CROOKED, OR MULTIPLE LEADERS; TIGHT VERTICAL BRANCHES WHERE BARK IS SQUEEZED BETWEEN TWO BRANCHES OR BETWEEN BRANCH AND TRUNK (INCLUDED BARK); CROSSING TRUNKS, CUT-OFF LIMBS MORE THAN $\frac{1}{2}$ INCH (19 MM) IN DIAMETER, OR WITH STEM GIRDLING ROOTS WILL BE REJECTED.

- g. FURNISH TREES AND SHRUBS WITH ROOTS BALLS MEASURED FROM TOP OF ROOT BALL, WHICH SHALL BEGIN AT ROOT FLARE ACCORDING TO ANSI Z60.1 AND COLORADO NURSERY ACT. ROOT FLARE SHALL BE VISIBLE BEFORE PLANTING.

- h. LABEL AT LEAST ONE PLANT OF EACH VARIETY, SIZE, AND CALIPER WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF COMMON NAME AND FULL SCIENTIFIC NAME, INCLUDING GENUS AND SPECIES. INCLUDE NOMENCLATURE FOR HYBRID, VARIETY, OR CULTIVAR, IF APPLICABLE FOR THE PLANT AS SHOWN ON DRAWINGS.

- i. IF FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF PLANTS IS SHOWN ON DRAWINGS, SELECT STOCK FOR UNIFORM HEIGHT AND SPREAD, AND NUMBER THE LABELS TO ASSURE SYMMETRY IN PLANTING.

E. SOIL MIXTURE

1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:

2. SOIL MIXTURE SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

- a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT OPENINGS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER, HAVE A PH BETWEEN 5.5 AND 8.0, AND SOLUBLE SALTS LESS THAN 3.0 MMHOS/CM. SUBMIT SOIL SAMPLE AND PH TESTING RESULTS FOR APPROVAL.

- b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.

3. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL, ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT THE PROJECT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.

F. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.... IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

1. CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE) OR AS SHOWN IN PLANTING DETAILS. UNLESS OTHERWISE NOTED ON PLANS, MULCH SHALL BE DOUBLE SHREDED HARDWOOD MULCH DARK BROWN FINES BY MOUNTAIN HIGH SAVATREE OR APPROVED EQUAL. DYED MULCH IS NOT ACCEPTABLE. SUBMIT SAMPLES TO PROJECT LANDSCAPE ARCHITECT FOR APPROVAL. MULCH SHALL BE PROVIDED OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE RING (6" MINIMUM) PLANTED UNDER THIS CONTRACT, AS WELL AS FOR ANY EXISTING LANDSCAPE AREAS AS SHOWN ON PLANS.

I. DIGGING AND HANDLING

1. ALL TREES SPECIFIED SHALL BE BALLED AND BURLAPPED (B&B) UNLESS OTHERWISE APPROVED BY PROJECT LANDSCAPE ARCHITECT.

2. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTRUP" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

3. B&B, AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.

K. MATERIALS LIST

1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE PLANS SHALL GOVERN. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

L. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS, AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

M. PLANTING PROCEDURES

1. THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, BUILDING MATERIALS, AND TOXIC MATERIAL SHALL BE COMPLETELY REMOVED FROM PLANTING AREAS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS IN PLANTING AREAS WHICH WILL ADVERSELY AFFECT THE PLANT GROWTH, THE CONTRACTOR SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS LINES AND TANKS, WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL COLORADO (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

3. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE SHALL BE EXERCISED.

6. WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING OPENINGS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN STANDARD FOR NURSERY STOCK.

8. TEST ALL TREE OPENINGS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL.

9. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.

10. PRIOR TO EXCAVATION OF TREE OPENINGS, AN AREA EQUAL TO TWO TIMES THE DIAMETER OF THE ROOT BALL SHALL BE ROTO-TILLED TO A DEPTH EQUAL TO THE DEPTH OF THE ROOT BALL.

11. EXCAVATION OF TREE OPENINGS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

12. IN CONTINUOUS SHRUB AND GROUND COVER BEDS, THE ROTO-TILLED PERIMETER SHOULD EXTEND TO A DISTANCE OF ONE FOOT BEYOND THE DIAMETER OF A SINGLE ROOT BALL. THE BED SHALL BE TILLED TO A DEPTH EQUAL TO THE ROOT BALL DEPTH PLUS 6".

13. TREE OPENINGS FOR WELL DRAINED SOILS SHALL BE DUG SO THAT THE BOTTOM OF THE ROOT BALL WILL REST ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL WILL BE FLUSH WITH FINISH GRADE. IN POORLY DRAINED SOILS THE TREE OPENING SHALL BE DUG SO THAT THE ROOT BALL RESTS ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL IS 1" ABOVE FINISH GRADE. PLANT PIT WALLS SHALL BE SCARIFIED PRIOR TO PLANT INSTALLATION.

14. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

15. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION 'E'.

16. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

17. AMEND PINE AND OAK PLANT OPENINGS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT OPENINGS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

18. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE.

19. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

20. TREES SHALL BE PRUNED, IN ACCORDANCE WITH ANSI A-300, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST.

21. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOWN ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6". REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 'E'. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

22. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

23. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S RECOMMENDATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

N. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

- a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.

- b. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE

- a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x2") UNTIL THEY ARE ACCEPTABLE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK, INCLUDING REGRAIDING IF NECESSARY.

- b. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

O. EDGING

- a. CONTRACTOR SHALL INSTALL 4"x8" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.

P. CLEANUP

1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM CONTRACTORS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

Q. PLANT MATERIAL MAINTENANCE

1. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, PRUNING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

R. FINAL INSPECTION AND ACCEPTANCE OF WORK

1. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

S. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF INSTALLATION. ~~THE EXISTING TREES FOR CREDIT~~ BY THE OWNER'S REPRESENTATIVE.

2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.

3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH.

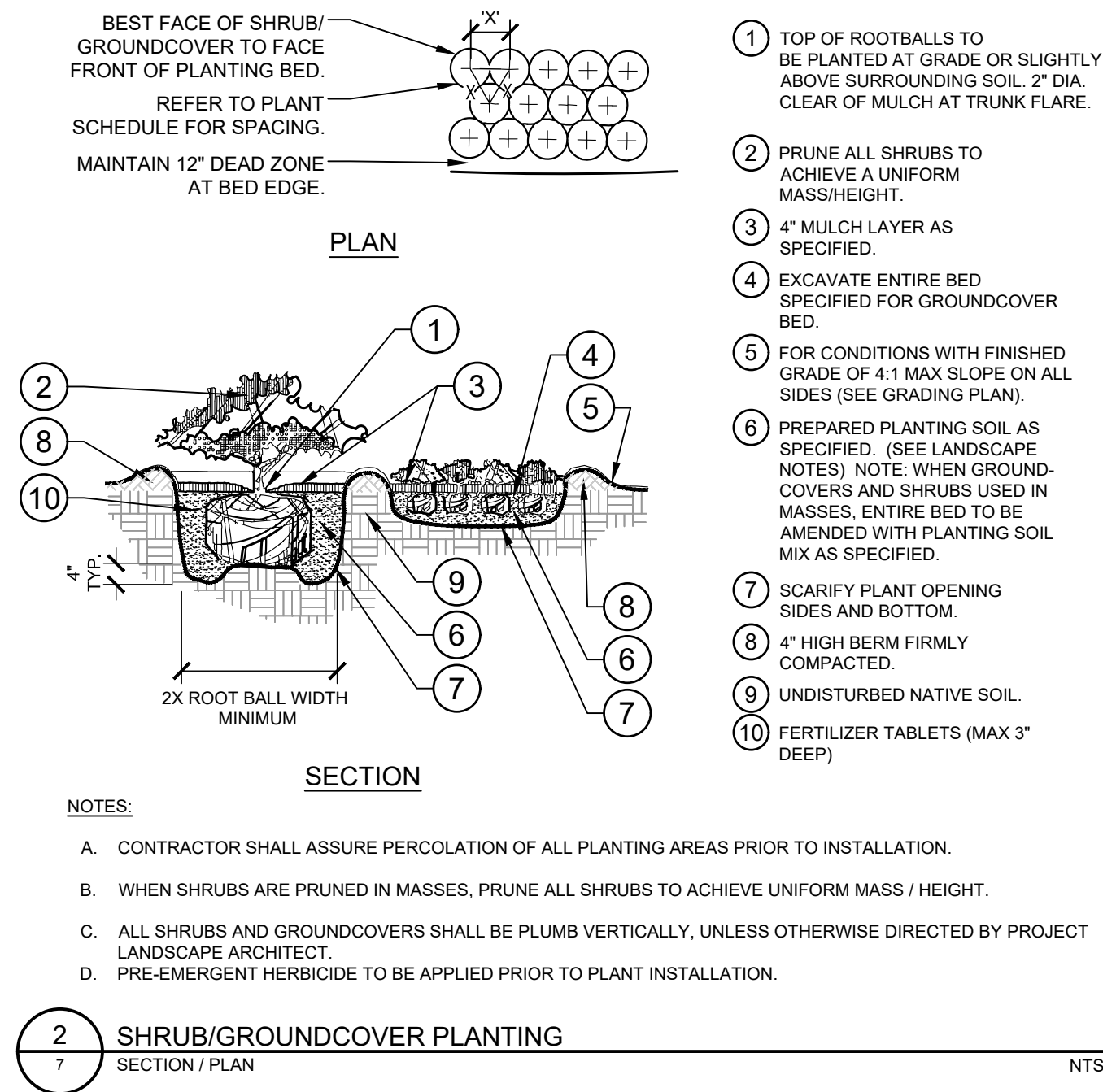
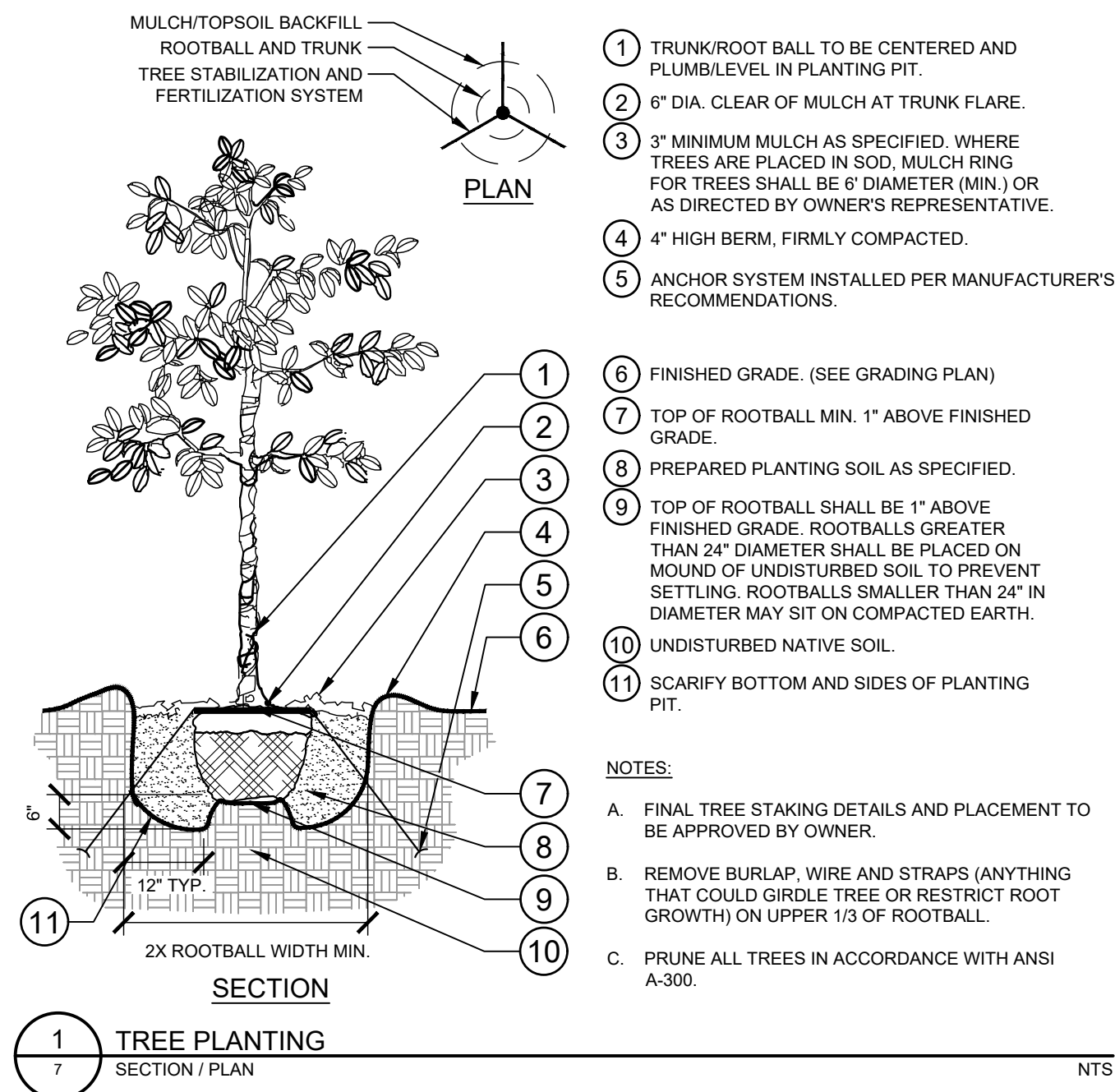
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PPR-21-18
LANDSCAPE NOTES
SHEET 6 OF 10

BRAKES PLUS
SITE DEVELOPMENT PLAN
2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



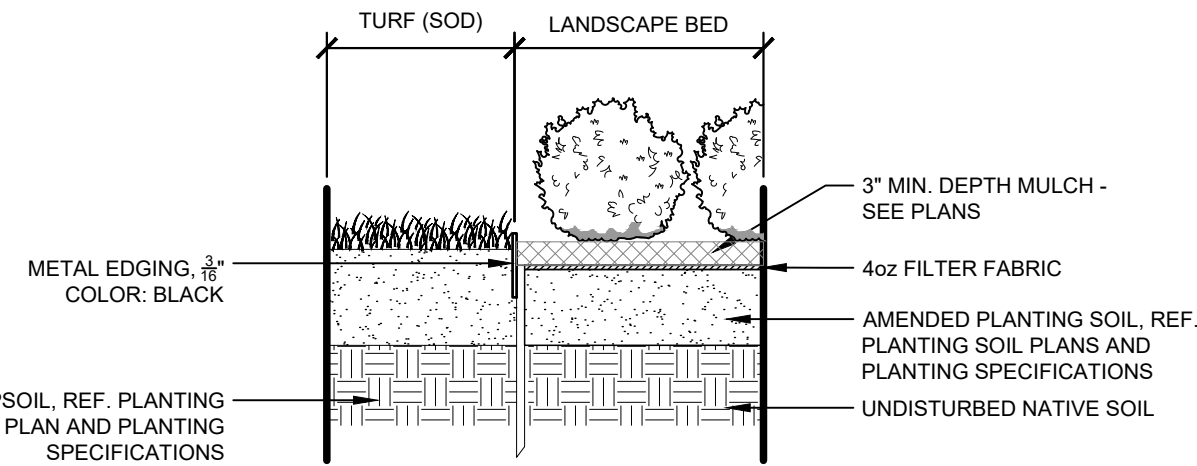
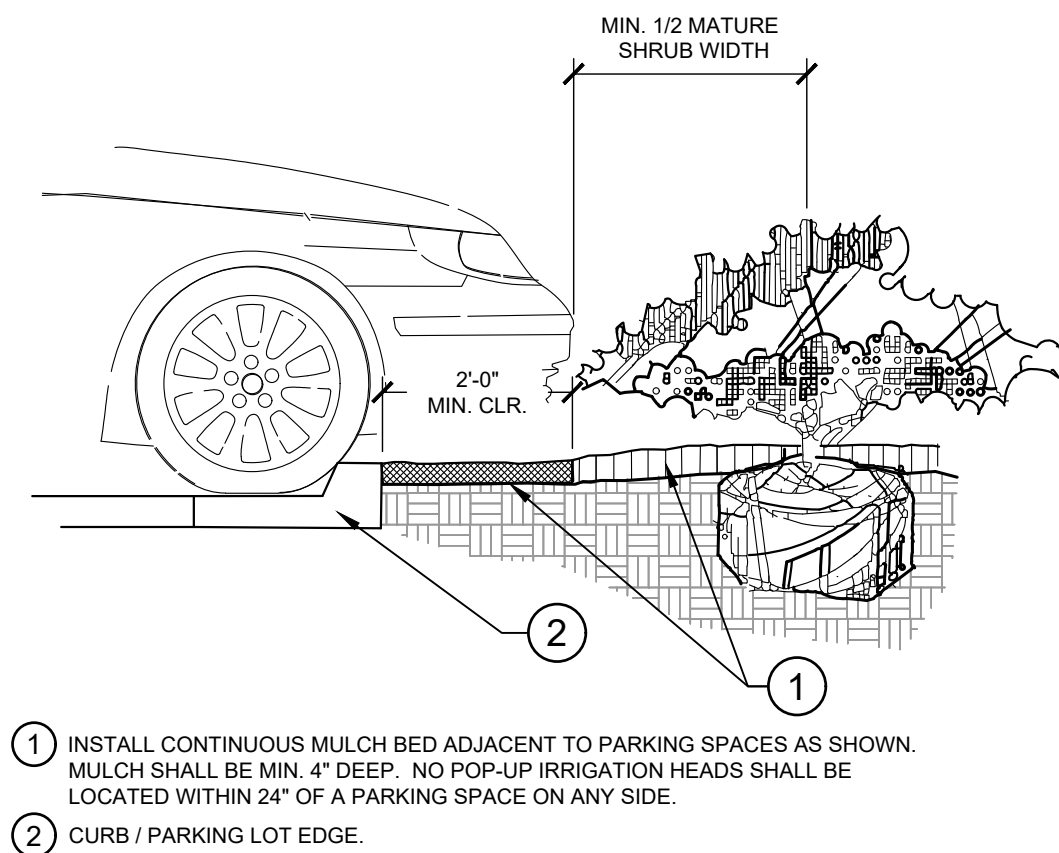
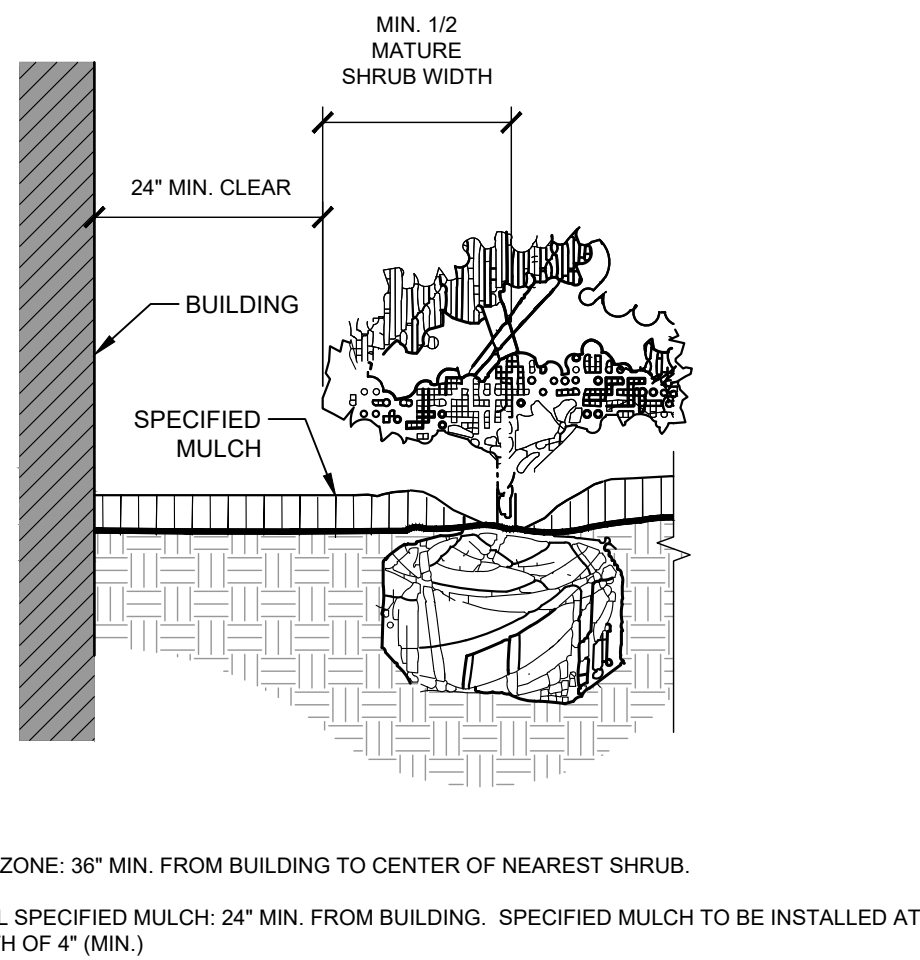
PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	CO	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2" CAL MIN	14' HT MIN
	JS2	2	JUNIPERUS SCOPULORUM	ROCKY MOUNTAIN JUNIPER	B & B		6' HT MIN
	QG	2	QUERCUS GAMBELII	GAMBEL OAK	B & B	2" CAL MIN	12' HT MIN
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
	CB	23	CARYOPTERIS X CLANDONENSIS 'BLUE MIST'	BLUE MIST BLUEBEARD	5 GAL	SEE PLAN	18" HT MIN
	CV	23	CHRYSOTHAMNUS VISCIDIFLORUS	YELLOW RABBITBRUSH	5 GAL	SEE PLAN	18" HT MIN
	FN	22	FORESTIERA NEOMEXICANA	NEW MEXICO PRIVET	5 GAL	SEE PLAN	24" HT MIN
	JJ	51	JUNIPERUS COMMUNIS	COMMON JUNIPER	5 GAL	SEE PLAN	24" HT MIN
	MR	58	MAHONIA REPENS	CREEPING MAHONIA	5 GAL	SEE PLAN	12" HT MIN
	PM	23	PINUS MUGO MUGO	DWARF MUGO PINE	5 GAL	SEE PLAN	24" HT MIN
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING
	RM	4,999 SF	1-1/2" - 2" HORIZON RIVER ROCK MULCH	BY PIONEER SAND AND STONE	-		
	PP2	6,012 SF	POA PRATENSIS	KENTUCKY BLUEGRASS	SOD		

EL PASO COUNTY CODE TABLE

ROADWAY LANDSCAPE						
STREE NAME	STREET CLASSIFICATION	SETBACK WIDTH (FT) REQ./PROV.	LINEAR FOOTAGE (FT)	TREE/FEET REQUIRED	TREE REQ./PROV.	SUBST SHRUBS REQ./PROV.
Marksheffel Rd	Principle Arterial	25/53	115	1/20	6/4*	30/30
Private Road	Non-Arterial	10/10	132	1/30	5/0**	50/52
MOTOR VEHICLE LANDSCAPE						
NO. PARKING SPACES	TREES (1 SHADE TREE/15 SPACES) REQ./PROV.	FRONTAGE (LF)	SCREENING (LF) REQ. (2/3)/PROV.	SCREENING WIDTH (FT)	SCREENING HEIGHT (FT)	SCREEN EVERGREEN REQ./PROV.
22	2/2	214.5	142/176	6	3	50%/50%
INTERNAL LANDSCAPE						
SITE NET AREA (SQ.FT)	INTERNAL LANDSCAPE AREA REQ. (5%)/PROV.	TREES/INTERNAL AREA REQUIRED	TREES REQ./PROV.	SUBST SHRUBS REQ./PROV.		
33,822.8	1,691 SF/10,766 SF	1/500	4/0***	40/60		
REQUIRED SCREENING						
SCREEN LOCATION	SCREENING WIDTH (FT)	SCREENING HEIGHT (FT)	SCREEN EVERGREEN REQ./PROV.			
Vehicle Repair Bay	6	6	50%/82%			
Refuse Collection Area	6	6	50%/100%			
GROUND COVER REQUIREMENTS						
TOTAL LANDSCAPE GROUND COVER	TOTAL LIVING LANDSCAPE COVER REQ./PROV	LIVING LANDSCAPE GROUND COVER PROVIDED	SHRUB COVER PROVIDED	TOTAL NONLIVING LANDSCAPE COVER		
11,008 SF	75%/75.4%	54.7%	20.7%	24.6%		

* 33% TREE SUBSTITUTION DUE TO EASEMENT CONFLICTS ON MARKSHEFFEL RD LANDSCAPE SETBACK
** 100% TREE SUBSTITUTION DUE TO UTILITY AND EASEMENT CONFLICT ON PRIVATE, NON-ARTERIAL ROAD
*** 100% TREE SUBSTITUTION DUE TO UTILITY AND EASEMENT CONFLICT IN INTERNAL LANDSCAPE



3 PLANTINGS ADJACENT TO BUILDINGS
SECTION

NTS

4 PARKING SPACE/CURB PLANTING
SECTION

NTS

5 METAL EDGER AT PLANTING BED
SECTION

1" = 1"
096-908-003-21

Kimley»Horn

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3801 AUTOMATION WAY, SUITE 210
FORT COLLINS, COLORADO 80525 (303) 228-2300

brakes *plus*

84.81 SQ. FT.

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

		MOUNTING SURFACE							
SIGN SIZE	SQUARE FOOTAGE	WOOD	SHEET METAL	BRICK	CONCRETE	CONCRETE BLOCK	DRYVIT® / EIFS	STUCCO	
								OVER W/ 1/2" THICK	
UNDER 10 SQ. FT.	UNDER 10 SQ. FT.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" LEAD ANCHORS A minimum of 4 3/32" bolts are required.	3/8" LEAD ANCHORS A minimum of 4 3/32" bolts are required.	3/8" TOGGLE A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	
	10 SQ. FT. TO 50 SQ. FT.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" LEAD ANCHORS A minimum of 4 3/32" bolts are required.	3/8" LEAD ANCHORS A minimum of 4 3/32" bolts are required.	3/8" TOGGLE A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 3/32" bolts are required.	
	50 SQ. FT. TO 100 SQ. FT.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 1/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 1/32" bolts are required.	1/2" LEAD ANCHORS A minimum of 10 1/2" bolts are required.	1/2" LEAD ANCHORS A minimum of 10 1/2" bolts are required.	3/8" TOGGLE A minimum of 10 1/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 1/32" bolts are required.	3/8" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 1/32" bolts are required.	
	100 SQ. FT. TO 200 SQ. FT.	3/8" THRU BOLTS w/ 3 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	3/8" THRU BOLTS w/ 3 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	1/2" WEDGE ANCHOR A minimum of 1 1/2" bolt per sq ft is required	1/2" WEDGE ANCHOR A minimum of 1 1/2" bolt per sq ft is required	3/8" THRU BOLTS w/ 3 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	
	OVER 200 SQ. FT.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	1/2" THRU BOLTS w/ 4 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	1/2" THRU BOLTS w/ 4 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	
	OVER 200 SQ. FT.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	1/2" THRU BOLTS w/ 4 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	1/2" THRU BOLTS w/ 4 angle iron brackets A minimum of 1 1/2" bolt per sq ft is required	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	

NOTE:
ACCESS REQUIRED FOR
ELECTRICAL & INSTALLATION

  **MET**Laboratories

☒ **YES**

☐ **NO**

CLN
☐ YES ☐ NO

REMOTE POWER SUPPLY
UNIT.
120 VAC PRIMARY
12volt DC SECONDARY.

NUMBER REQ'D. = _____

**THIS SIGN IS
MET/UL COMPLIANT**

SECTION DETAIL: FLUSH MOUNT CHANNEL LETTERS

5"

.040 ALUMINUM
BACKS & RETURNS
COLOR - **DARK BRONZE**

1" JEWELITE TRIMCAP
COLOR - **DARK BRONZE**

TRANSLUCENT PLEX FACES
THICKNESS - ☒ 3/16" ☐ 1/8"
COLOR - **#278-0 ACRYLITE RED**

LOGO:
* TRANSLUCENT CUT VINYL GRAPHICS OVERLAYS
(OR DIGITALLY PRINTED OVERLAY)
#33 RED VINYL
#015 YELLOW VINYL
#167 BLUE VINYL
#22 BLACK

RED CHANNEL LETTERS:
LUMEN OUTPUT - 1,170; 2 AMPS

LOGO WHITE:
LUMEN OUTPUT - 2,250; 2 AMPS PER SIGN

LED ILLUMINATION
COLOR - **4" SLOAN RED MODULES**

NON-CORROSIVE
FASTENERS AS REQ'D.

1/4" WEEP HOLES
☒ YES ☐ NO

[illegible]

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE

ALL CHANGES MUST BE INITIALED BY
CLIENT AND ACCOUNT EXECUTIVE ON
FINAL APPROVED PRINT.

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CLIENT BRAKES PLUS STORE #

INSTALLATION ADDRESS

2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO

DESIGNER KD 2 ACCOUNT EXECUTIVE NT

DATE 03-11-2021 SHEET 1 OF 10 DESIGN # 210006-02

Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOB3
 Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawing\

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GRAND PRAIRIE, TX 75050

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WEBSITE www.accentgraphicsinc.com

TOLL FREE (800) 810-3044
METRO (972) 399-0333
FAX (972) 986-4456
FAX (800) 810-3045



Scale: $3/32'' = 1'-0''$

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE
ALL CHANGES MUST BE INITIALED BY CLIENT AND ACCOUNT EXECUTIVE ON FINAL APPROVED PRINT.	

CLIENT _____ STORE # _____
 INSTALLATION ADDRESS _____
 2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO
 DESIGNER _____ KD _____ ACCOUNT EXECUTIVE _____ NT _____
 DATE 03-11-2021 SHEET 2 OF 10 DESIGN # 210006-02
 Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOBS
 Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawings

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FAX (800) 810-3045

11'-10 5/8"


2'-6"
1'-9 1/8"

6'-3 1/4"

2'-8"
1'-9 1/8"

brakes

plus



2'-4 3/4"

QTY: (1) SET REQUIRED

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

  **MET**Laboratories

☒ **YES**

☐ **NO**

CLN
☐ YES ☐ NO

REMOTE POWER SUPPLY
UNIT.
120 VAC PRIMARY
12volt DC SECONDARY.

NUMBER REQ'D. = _____

**THIS SIGN IS
MET/UL COMPLIANT**

SECTION DETAIL: FLUSH MOUNT CHANNEL LETTERS

5"

.040 ALUMINUM
BACKS & RETURNS
COLOR - **DARK BRONZE**

1" JEWELITE TRIMCAP
COLOR - **DARK BRONZE**

TRANSLUCENT PLEX FACES
THICKNESS - ☒ 3/16" ☐ 1/8"
COLOR - **#278-0 ACRYLITE RED**

LOGO:
* TRANSLUCENT CUT VINYL GRAPHICS OVERLAYS
(OR DIGITALLY PRINTED OVERLAY)
#33 RED VINYL
#015 YELLOW VINYL
#167 BLUE VINYL
#22 BLACK

RED CHANNEL LETTERS:
LUMEN OUTPUT - 1,170; 2 AMPS

LOGO WHITE:
LUMEN OUTPUT - 2,250; 2 AMPS PER SIGN

LED ILLUMINATION
COLOR - **4" SLOAN RED MODULES**

NON-CORROSIVE
FASTENERS AS REQ'D.

1/4" WEEP HOLES
☒ YES ☐ NO

INSTALLATION REQUIREMENTS for all signs unless specified otherwise on individual sign specifications. Variation from this criteria without written approval from Accent Graphics is strictly forbidden.
* All freestanding signs are to be engineered for local conditions by a licensed and registered engineer.

SIGN SIZE	MOUNTING SURFACE							
	SQUARE FOOTAGE	WOOD	SHEET METAL	BRICK	CONCRETE	CONCRETE BLOCK	DRYVIT / EIFS	STUCCO OVER WIRE MESH
	UNDER 10 SQ. FT.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" LEAD ANCHORS A minimum of 4 (3) 3/8" bolts are required.	3" LEAD ANCHORS A minimum of 4 (3) 3/8" bolts are required.	3" TUGGLE A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.
	10 SQ. FT. TO 50 SQ. FT.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" LEAD ANCHORS A minimum of 4 (3) 3/8" bolts are required.	3" LEAD ANCHORS A minimum of 4 (3) 3/8" bolts are required.	3" TUGGLE A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 4 (3) 3/8" bolts are required.
	50 SQ. FT. TO 100 SQ. FT.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 (3) 3/8" bolts are required.	1/2" LEAD ANCHORS A minimum of 10 (3) 1/2" bolts are required.	1/2" LEAD ANCHORS A minimum of 10 (3) 1/2" bolts are required.	3" THRU BOLTS A minimum of 10 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 (3) 3/8" bolts are required.	3" THRU BOLTS w/ 2 angle iron brackets A minimum of 10 (3) 3/8" bolts are required.
	100 SQ. FT. TO 200 SQ. FT.	12" THRU BOLTS w/ 2 angle iron brackets A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" THRU BOLTS w/ 2 angle iron brackets A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" WEDGE ANCHORS A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" WEDGE ANCHORS A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" THRU BOLTS A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" THRU BOLTS A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	REQUIRES SPECIAL ENGINEERING
	OVER 200 SQ. FT.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	12" THRU BOLTS w/ at least 5 angle iron brackets A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	12" THRU BOLTS w/ at least 5 angle iron brackets A minimum of 1 (1) 1/2" bolt per sq. ft. is required.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING

NOTE:
ACCESS REQUIRED FOR
ELECTRICAL & INSTALLATION

DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE
ALL CHANGES MUST BE INITIALED BY CLIENT AND ACCOUNT EXECUTIVE ON FINAL APPROVED PRINT.	

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CLIENT BRAKES PLUS STORE #

INSTALLATION ADDRESS

2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO

DESIGNER KD 2 ACCOUNT EXECUTIVE NT

DATE 03-11-2021 SHEET 3 OF 10 DESIGN # 210006-02

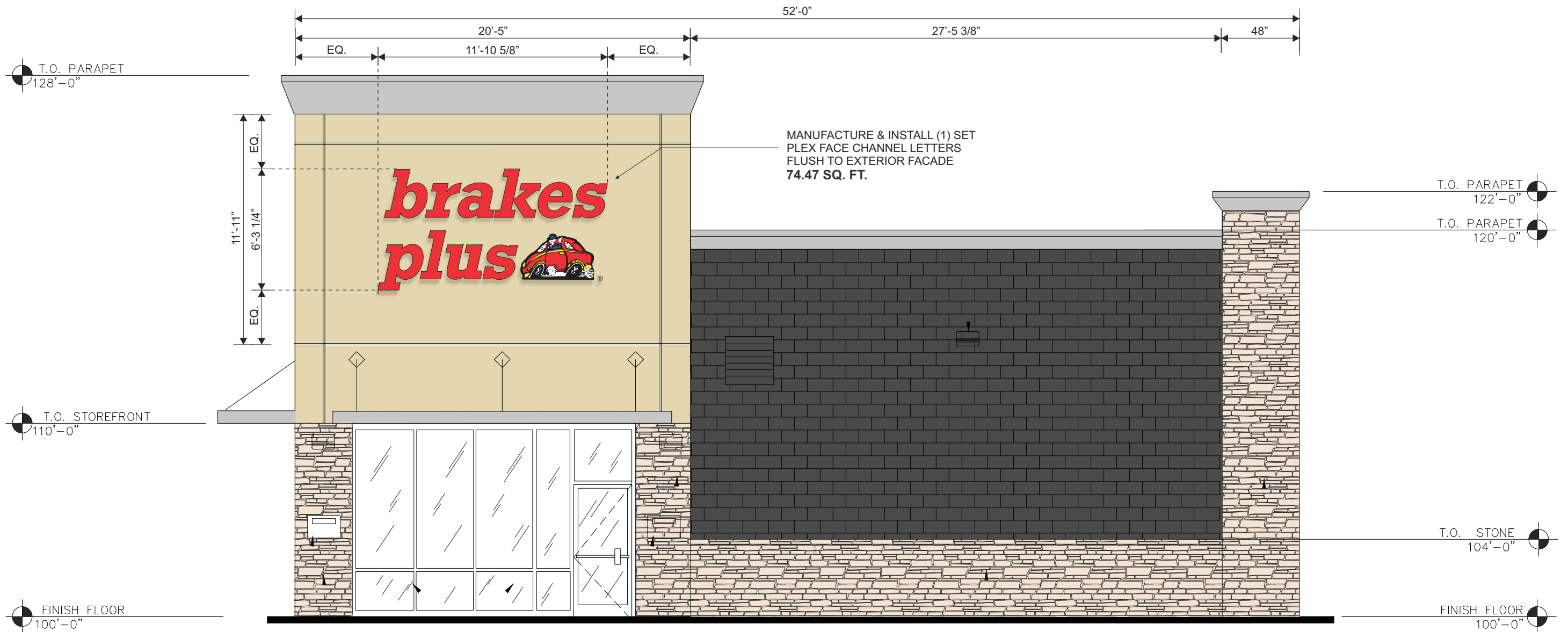
Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOB3-
 Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawing\

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 FAX (972) 986-4456

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SOUTH ELEVATION

Scale: 3/16" = 1'-0"

DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE
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CLIENT BRAKES PLUS STORE #
INSTALLATION ADDRESS 2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO
DESIGNER KD ACCOUNT EXECUTIVE NT
DATE 03-11-2021 SHEET 4 OF 10 DESIGN # 210006-02
Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOBS
Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawings

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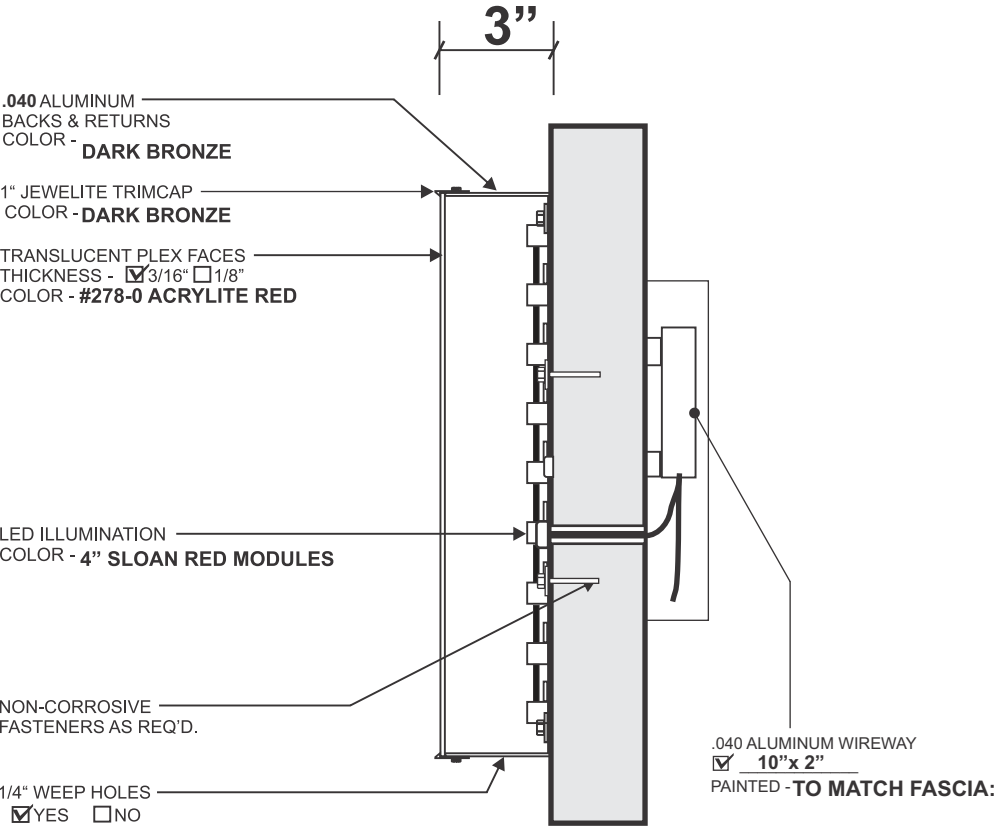


PLEX FACE CHANNEL LETTERS **EAST ELEVATION**

95.79 SQ. FT.

(1) SET REQUIRED

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



INSTALLATION REQUIREMENTS for all signs unless specified otherwise on individual sign specifications. Variation from this criteria without written approval from Accent Graphics is strictly forbidden. * All freestanding signs are to be engineered for local conditions by a licensed and registered engineer.

SIGN SIZE	MOUNTING SURFACE						
	SQUARE FOOTAGE	WOOD	SHEET METAL	BRICK	CONCRETE	CONCRETE BLOCK	DRYVIT / EIFS
UNDER 10 SQ. FT.		3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS. A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS. A minimum of (4) 3/8" bolts are required.	3/8" TOGGLE. A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.
10 SQ. FT. TO 50 SQ. FT.		3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS. A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS. A minimum of (4) 3/8" bolts are required.	3/8" TOGGLE. A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer. A minimum of (4) 3/8" bolts are required.
50 SQ. FT. TO 100 SQ. FT.		3/8" THRU BOLTS w/ 3" angle iron backer. A minimum of (10) 3/8" bolts are required.	3/8" THRU BOLTS w/ 3" angle iron backer. A minimum of (10) 3/8" bolts are required.	1/2" LEAD ANCHORS. A minimum of (10) 1/2" bolts are required.	1/2" LEAD ANCHORS. A minimum of (10) 1/2" bolts are required.	3/8" THRU BOLTS w/ 1" angle iron backer. A minimum of (10) 3/8" bolts are required.	3/8" THRU BOLTS w/ 3" angle iron backer. A minimum of (10) 3/8" bolts are required.
100 SQ. FT. TO 200 SQ. FT.		1/2" THRU BOLTS w/ 3" angle iron backer. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 3" angle iron backer. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	1/2" WEDGE ANCHOR. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	1/2" WEDGE ANCHOR. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 3" angle iron backer. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	REQUIRES SPECIAL ENGINEERING
OVER 200 SQ. FT.		REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	1/2" THRU BOLTS w/ 4" steel 3" angle iron backer. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 4" steel 3" angle iron backer. A minimum of (11) 1/2" bolt per each 15 sq ft is required.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING

NOTE:
ACCESS REQUIRED FOR
ELECTRICAL & INSTALLATION

***WHERE LETTERS LOGO ARE MOUNTED ON PARAPET WALL
CONCEAL ALL ELECTRICAL IN WIREWAY**

SECTION DETAIL: FLUSH MOUNT CHANNEL LETTERS

DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE
ALL CHANGES MUST BE INITIALED BY CLIENT AND ACCOUNT EXECUTIVE ON FINAL APPROVED PRINT.	

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CLIENT BRAKES PLUS STORE #

INSTALLATION ADDRESS 2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO

DESIGNER KD ACCOUNT EXECUTIVE NT

DATE 03-11-2021 SHEET 5 OF 10 DESIGN # 210006-02

Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOBS
Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawings

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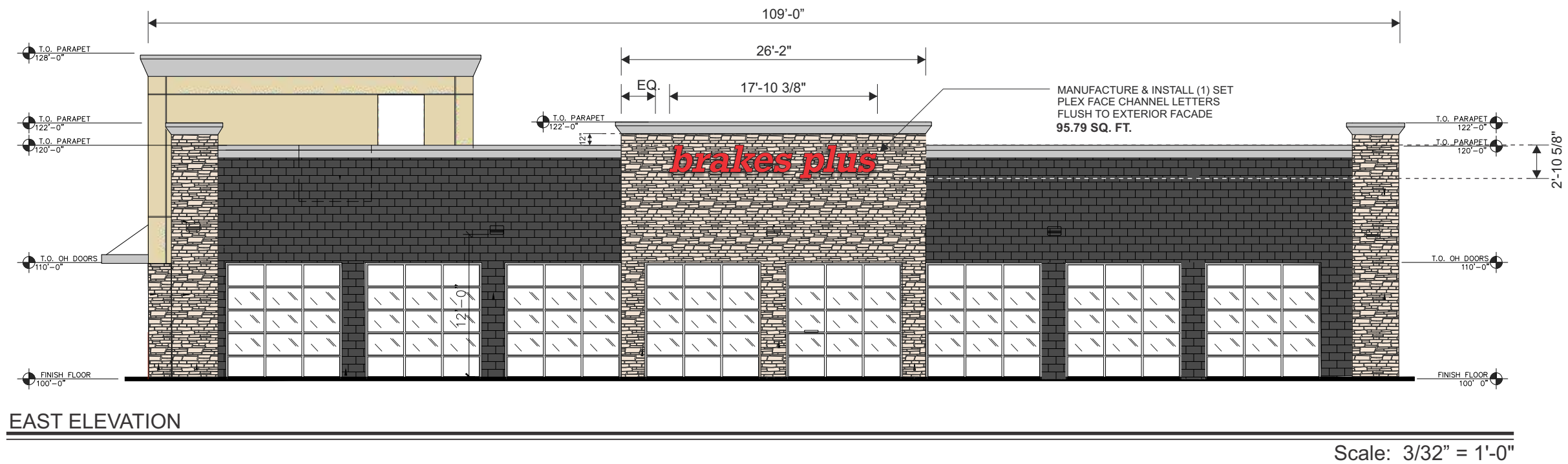
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EAST ELEVATION

Scale: 3/32" = 1'-0"

DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
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CLIENT BRAKES PLUS STORE #

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DESIGNER KD ACCOUNT EXECUTIVE NT

DATE 03-11-2021 SHEET 6 OF 10 DESIGN # 210006-02

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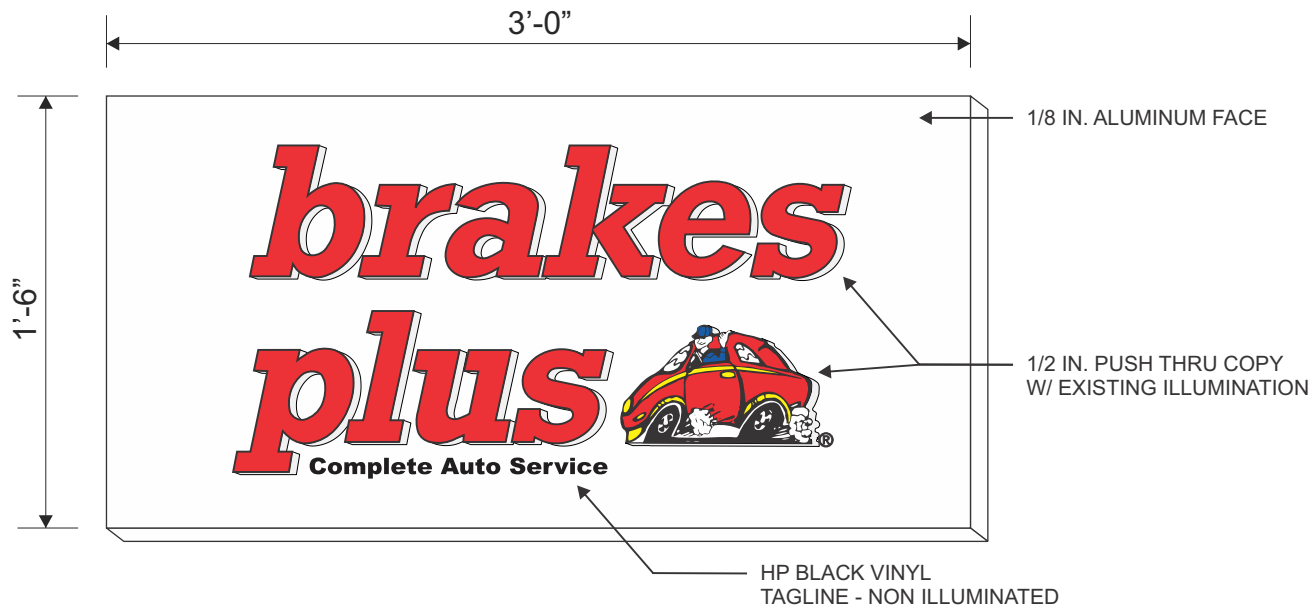
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523 E. ROCK ISLAND
GRAND PRAIRIE, TX 75050

TOLL FREE (800) 810-3044
METRO (972) 399-0333
FAX (972) 986-4456
EMAIL
WEBSITE www.accentgraphicsinc.com

FAX (800) 810-3045



PAN SIGN W/ PUSH THRU GRAPHICS

4.5 SQ. FT.

QTY: (2) REQUIRED

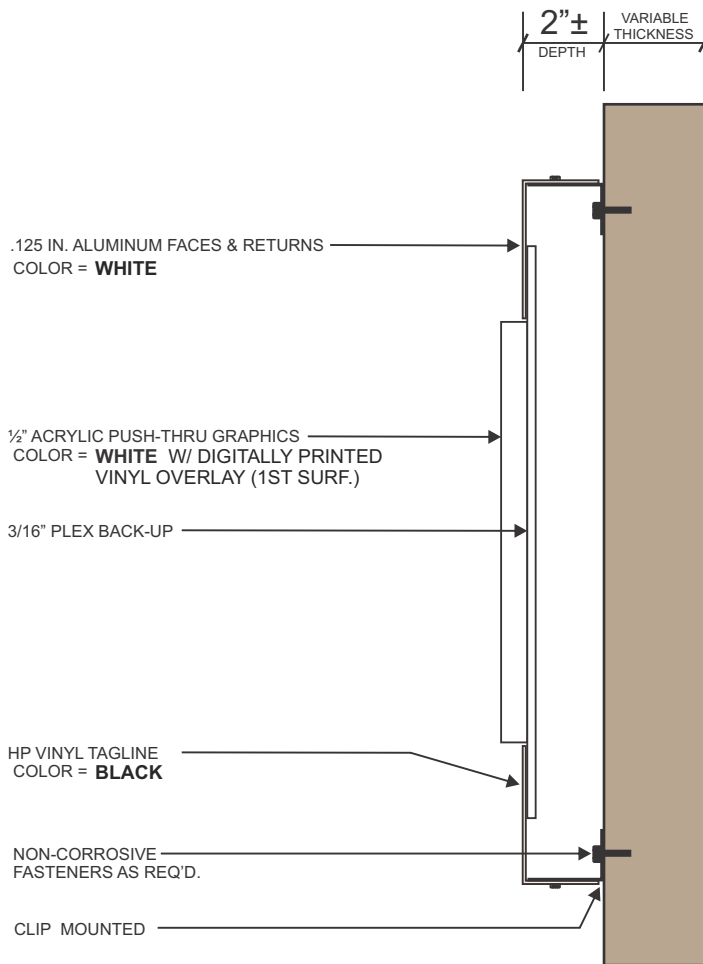
Scale: 1 1/2" = 1'-0"

INSTALLATION REQUIREMENTS for all signs unless specified otherwise on individual sign specifications. Variation from this criteria without written approval from Accent Graphics is strictly forbidden.

* All freestanding signs are to be engineered for local conditions by a licensed and registered engineer.

SIGN SIZE	MOUNTING SURFACE							
	SQUARE FOOTAGE	WOOD	SHEET METAL	BRICK	CONCRETE	CONCRETE BLOCK	DRYVIT / EIFS	STUCCO over wire mesh
	UNDER 10 SQ. FT.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS A minimum of (4) 3/8" bolts are required.	3/8" TOGGLE A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.
	10 SQ. FT. TO 50 SQ. FT.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS A minimum of (4) 3/8" bolts are required.	3/8" LEAD ANCHORS A minimum of (4) 3/8" bolts are required.	3/8" TOGGLE A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.	3/8" THRU BOLTS w/ 2" angle iron backer A minimum of (4) 3/8" bolts are required.
	50 SQ. FT. TO 100 SQ. FT.	3/8" THRU BOLTS w/ 3" angle iron backer A minimum of (10) 3/8" bolts are required.	3/8" THRU BOLTS w/ 3" angle iron backer A minimum of (10) 3/8" bolts are required.	1/2" LEAD ANCHORS A minimum of (10) 1/2" bolts are required.	1/2" LEAD ANCHORS A minimum of (10) 1/2" bolts are required.	3/8" THRU BOLTS w/ 1" angle iron backer A minimum of (10) 3/8" bolts are required.	3/8" THRU BOLTS w/ 3" angle iron backer A minimum of (10) 3/8" bolts are required.	3/8" THRU BOLTS w/ 3" angle iron backer A minimum of (10) 3/8" bolts are required.
	100 SQ. FT. TO 200 SQ. FT.	1/2" THRU BOLTS w/ 3" angle iron backer A minimum of (1) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 3" angle iron backer A minimum of (1) 1/2" bolt per each 15 sq ft is required.	1/2" WEDGE ANCHOR A minimum of (1) 1/2" bolt per each 15 sq ft is required.	1/2" WEDGE ANCHOR A minimum of (1) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 3" angle iron backer A minimum of (1) 1/2" bolt per each 15 sq ft is required.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING
	OVER 200 SQ. FT.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	1/2" THRU BOLTS w/ 4" post 1" angle iron backer A minimum of (1) 1/2" bolt per each 15 sq ft is required.	1/2" THRU BOLTS w/ 4" post 1" angle iron backer A minimum of (1) 1/2" bolt per each 15 sq ft is required.	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING	REQUIRES SPECIAL ENGINEERING

Backers = 24" or 36" long steel angle iron (1 1/2" x 1 1/2" min.)



SECTION DETAIL - ALUMINUM PAN w/ PUSH THRU LETTERS

Scale: NTS

DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
CLIENT	DATE
ACCOUNT EXECUTIVE	DATE
LANDLORD	DATE

This drawing is the exclusive property of Accent Graphics, Inc. and is the result of the original work of its employees. The plans are provided to your company for the sole purpose of considering the purchase of a sign manufactured by Accent Graphics, Inc. based on these plans. **OR** the purchase of the plans and design concepts contained therein for manufacture elsewhere. Distribution or exhibition of the plans to anyone outside of your company or the use of the plans by others to manufacture or design a similar sign as displayed in the plans is expressly forbidden. In the event that such exhibition occurs, Accent Graphics will expect payment of a minimum \$2000 design fee in recompense for the time and effort entailed to produce the plans.

CLIENT BRAKES PLUS STORE #
INSTALLATION ADDRESS 2467 MARKSHEFFEL ROAD COLORADO SPRINGS, CO
DESIGNER KD ACCOUNT EXECUTIVE NT
DATE 03-11-2021 SHEET 7 OF 10 DESIGN # 210006-02

Gerber FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Production\JOBS
Corel FILE = P:\1-2021-Jobs\3-Brakes Plus\CO\Colorado Springs, CO - 2467 Marksheffel Rd\Drawings

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SIGNS

graphics

COMPLETE SIGN SERVICE & FABRICATION

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Manufacture and Install One(1) Internally Illuminated Monument Sign

Scale: 3/8" - 1"-0"

Monument Sign:

- **Structure:** Aluminum Angle Skinned with .090" Aluminum Painted Customer Specified
- **Faces:** Routed .125 Painted Customer Specified
- **Copy:** 1/2" Push Thru Acrylic Backed with 3/16" Acrylic Stud Mounted to the Face
- **Vinyl:** TBD
- **Illumination:** CWHO Fluorescent Lamps
- **Power:** Ballasts in Sign
- **Digital Display:** Daktronics Fuelight
- **Installation:** On ASA Pipe and Footer at Customer Specified Location

MANUFACTURE & INSTALL (2) ALUMINUM
CONST. PAN SIGNS W/ PUSH THRU COPY
AND VINYL TAG ONTO EXISTING MONUMENT.
4.5 SQ. FT.



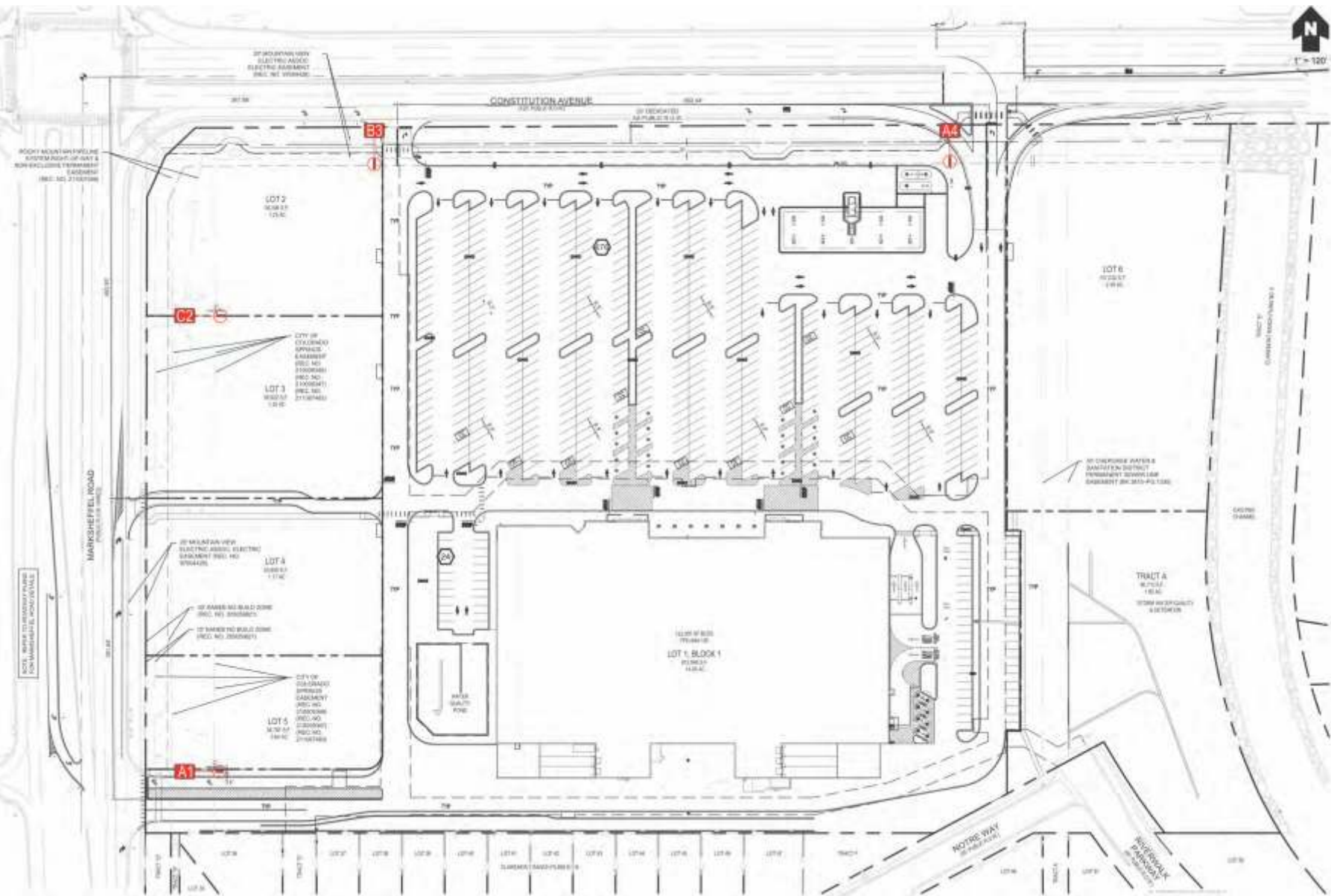
DATE	REVISIONS	NAME
05-06-21	REDUCE SOUTH ELEVATION SIGN TO 78 SF MAX.	1 KD

AUTHORIZATION	
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LANDLORD	DATE
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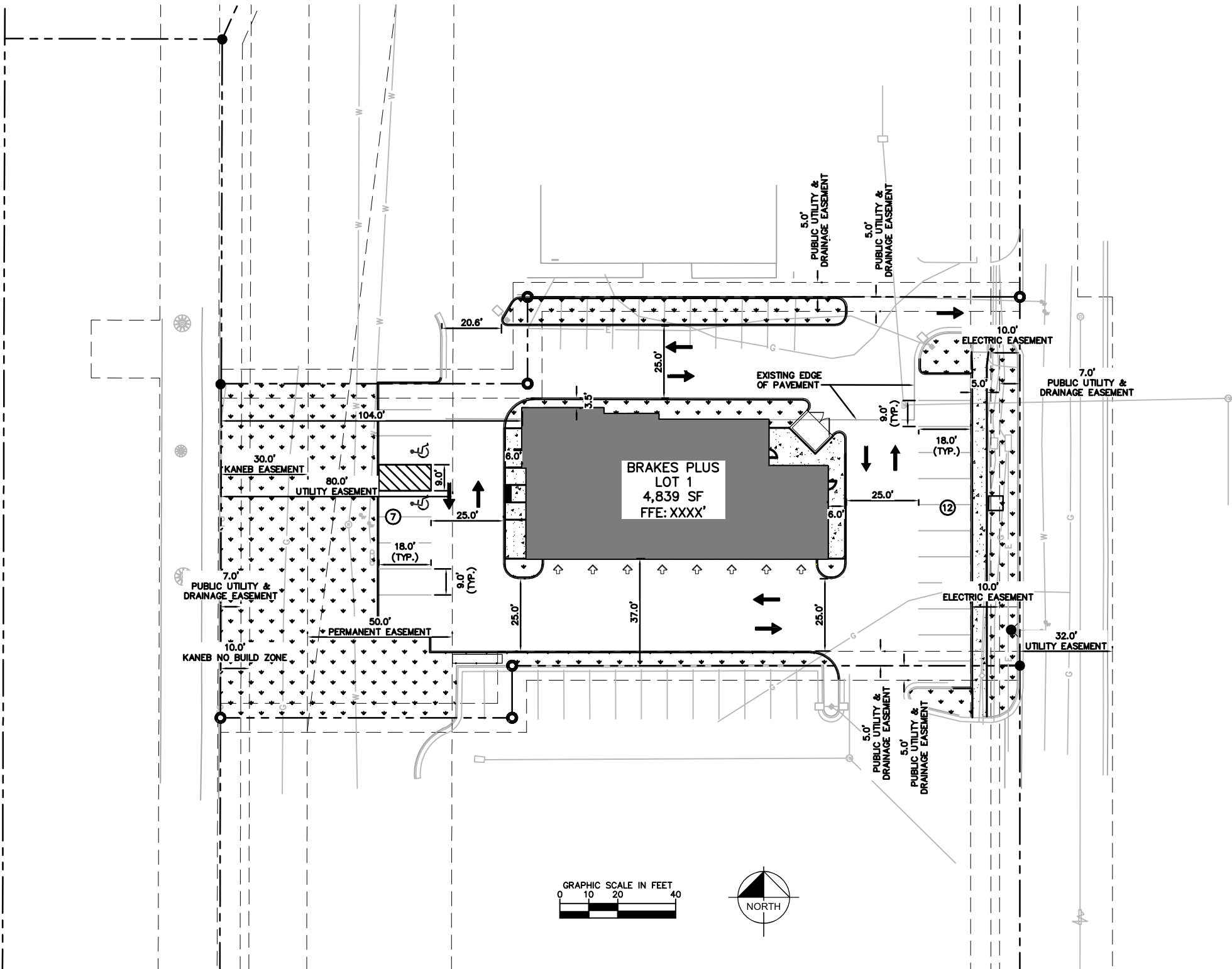
FAX (800) 810-3045

LEGEND

	PROPERTY LINE
	BUILDING SETBACK LINE
	EASEMENT LINE
	ACCESSIBLE ROUTE
	PROPOSED FIRE LANE STRIPING
	LANDSCAPE
	PROPOSED HEAVY DUTY CONCRETE PAVEMENT
	PROPOSED SITE LIGHT
	PROPOSED STORM SEWER MANHOLE
	EXISTING STORM SEWER MANHOLE
	PROPOSED CURB INLET
	PROPOSED AREA INLET

KEYNOTE LEGEND

- PROPOSED TYPE A CURB AND GUTTER PER EL PASO COUNTY STD. SD. 2-20
- PROPOSED CONCRETE SIDEWALK PER CDOT STANDARD DRAWING M-609-1 (WIDTH PER PLAN)
- PROPOSED ADA STRIPING, REFER TO SHEET 5 FOR MORE INFORMATION
- PROPOSED ADA SIGN, REFER TO SHEET 5 FOR MORE INFORMATION, SIGN INSTALLATION PER PLAN.
- PROPOSED MONUMENT SIGN, REFER TO ARCHITECTURAL PLANS FOR MORE DETAILS
- PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECTURAL PLANS FOR MORE DETAILS
- PROPOSED PAVEMENT MARKING
- EXISTING FIRE HYDRANT
- PROPOSED LANDSCAPING, REFER TO SHEETS 6-8



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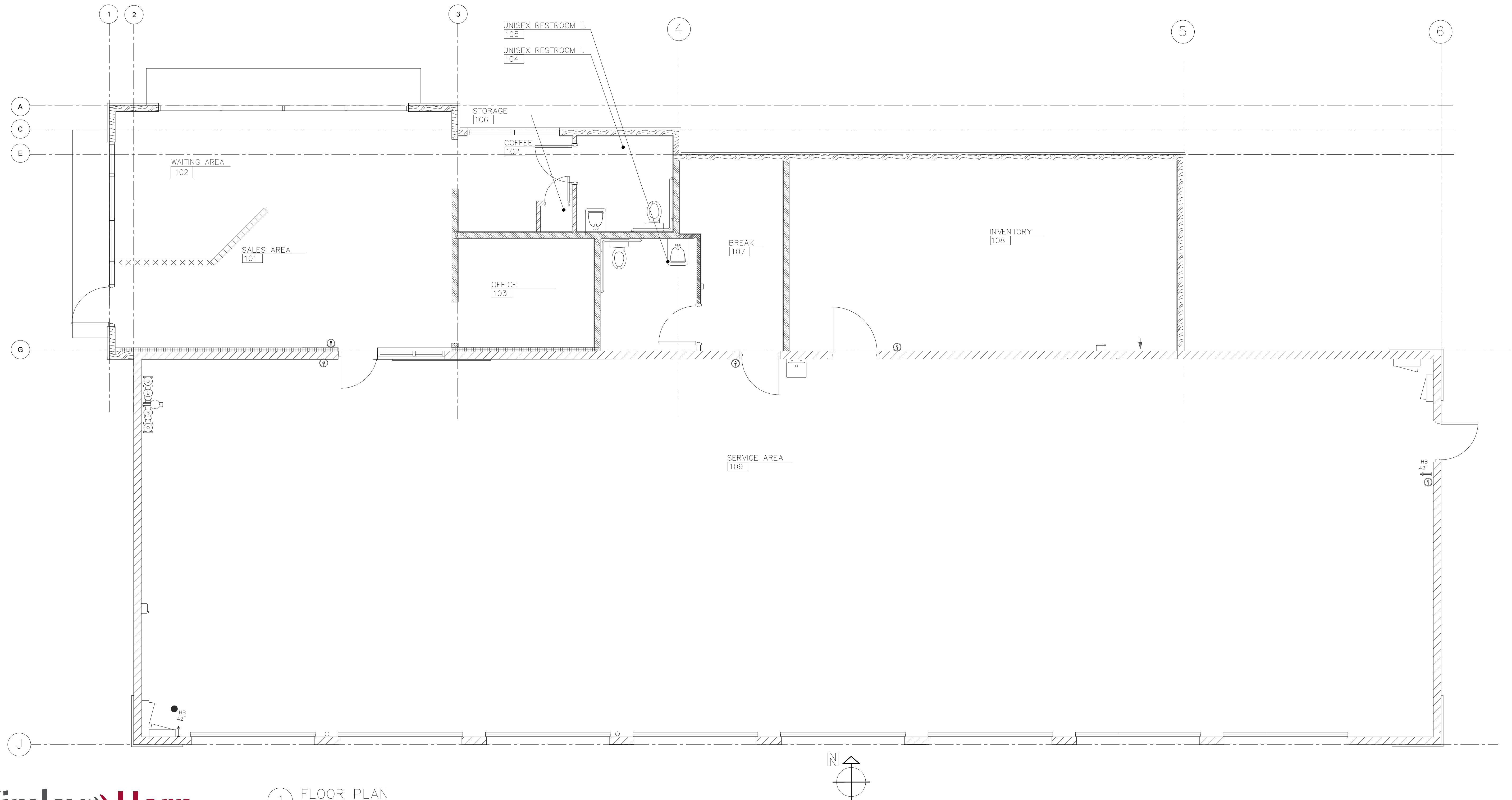
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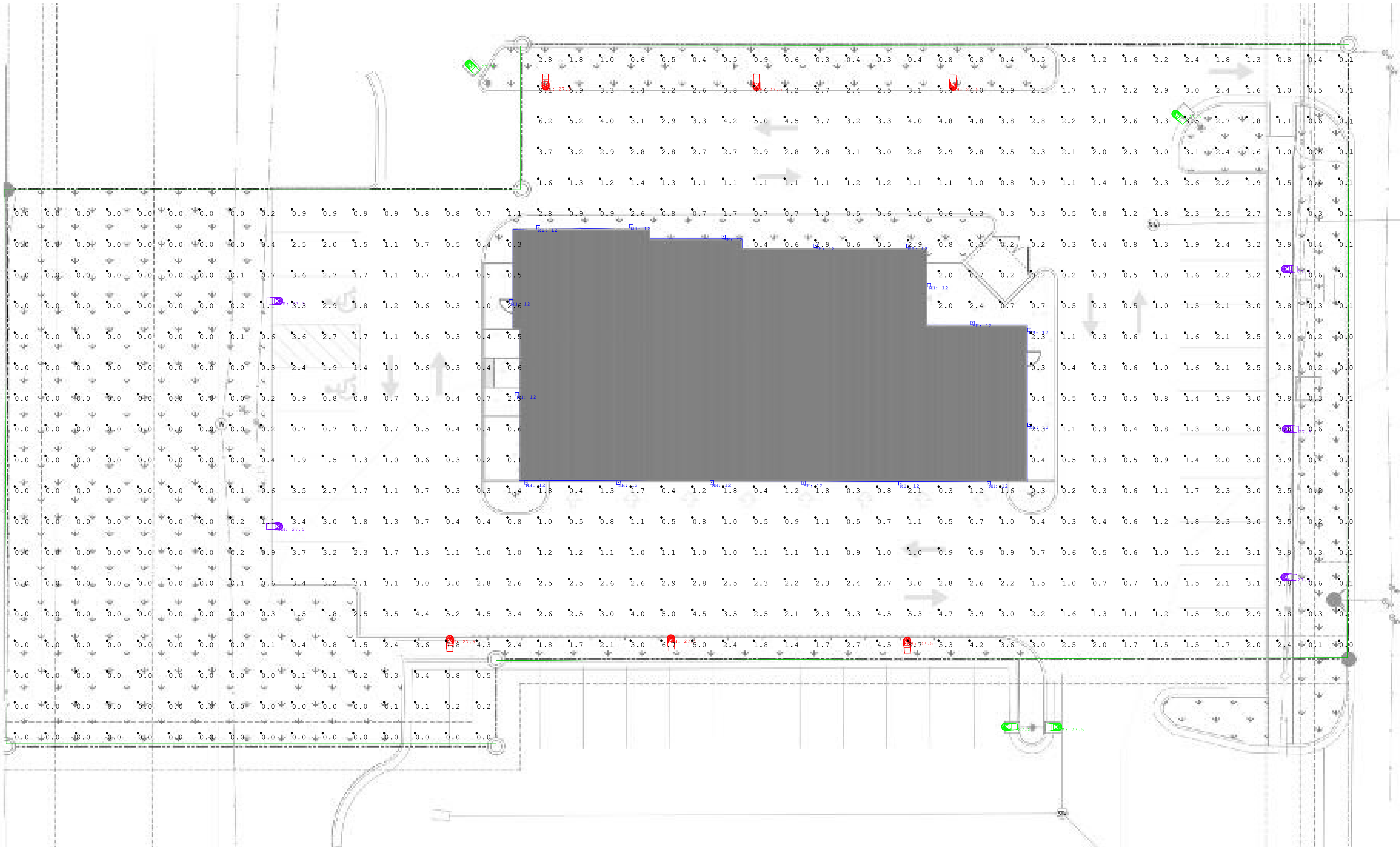
BRAKES PLUS

SITE DEVELOPMENT PLAN

2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO





Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
1	4	GLEON-AF-06-LED-E1-5WQ	SINGLE	N.A.	0.900	GLEON-AF-06-LED-E1-5WQ
2	17	XWS-LED-02L-FTW-30-80CRI	SINGLE	N.A.	0.900	XWS-LED-02L-FTW-30-80CRI
3	6	GLEON-SA4D-740-U-SL3	SINGLE	N.A.	0.900	GLEON-SA4D-740-U-SL3
4	5	GLEON-SA4D-740-U-T4FT-HSS	SINGLE	N.A.	0.900	GLEON-SA4D-740-U-T4FT-HSS

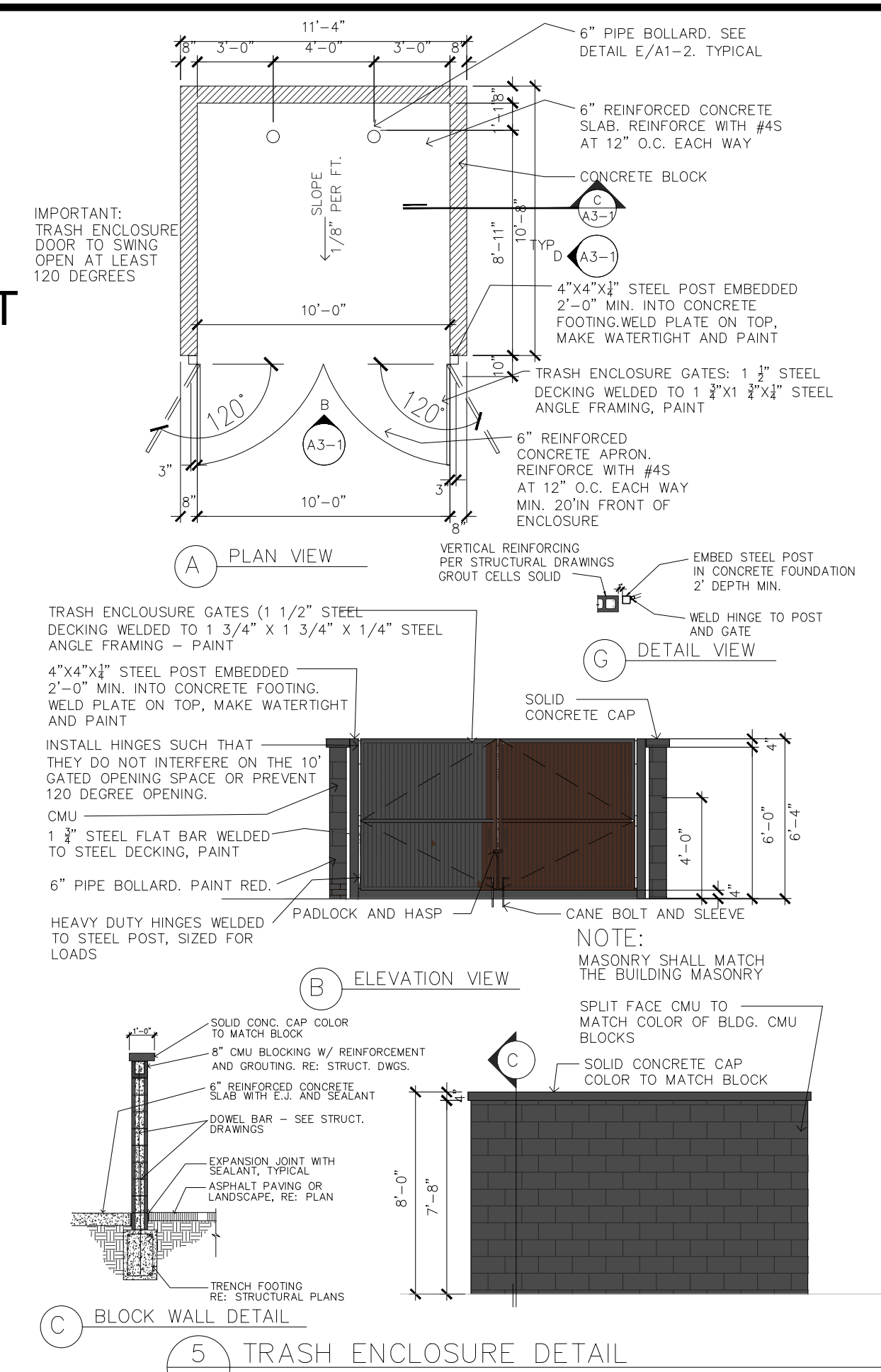
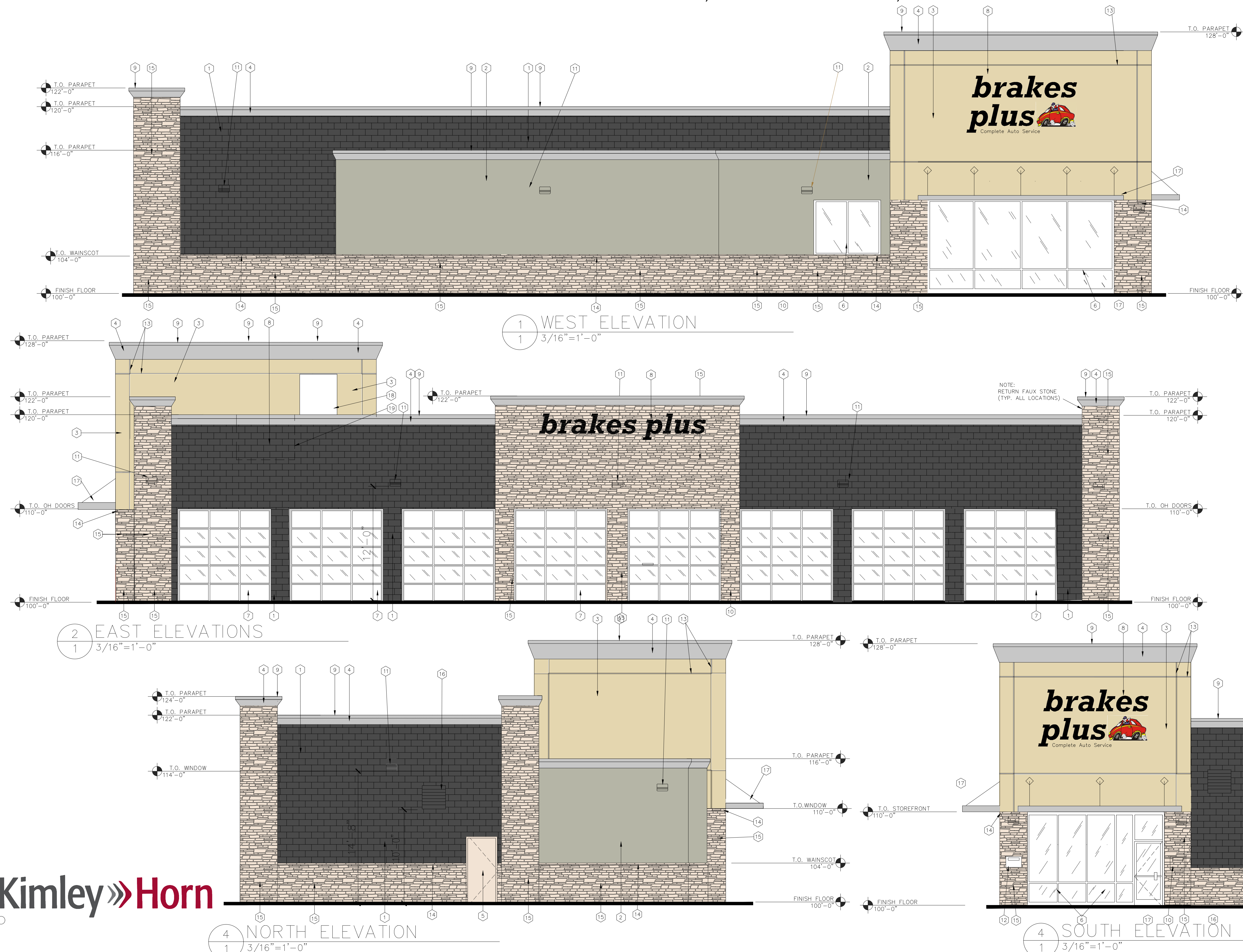
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Room_1_Floor	Illuminance	Fc	1.32	9.1	0.0	N.A.	N.A.

ELECTRICAL PHOTOMETRIC PLAN

SCALE 1"= 30'

BRAKES PLUS
SITE DEVELOPMENT PLAN
2467 MARKSHEFFEL ROAD

SITUATED IN A PORTION OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 14 SOUTH, RANGE 65 WEST
OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



- KEYNOTES**
- SPLIT FACE CONCRETE BLOCK - BEST BLOCK CHARCOAL #838 or BASELITE CHARCOAL #807WR
 - EIFS - INTEGRAL COLOR TO MATCH SHERWIN WILLIAMS ANEW GRAY #7030
 - EIFS - INTEGRAL COLOR TO MATCH SHERWIN WILLIAMS BIRDSEYE MAPLE
 - EIFS - INTEGRAL COLOR TO MATCH AWNING COLOR
 - MTL. MAN DOOR. PAINT TO MATCH MASONRY
 - ALUMINUM/GLASS STOREFRONT CLEAR ANODIZED ALUMINUM
 - ALUMINUM SECTIONAL OVERHEAD DOORS CLEAR ANODIZED ALUMINUM
 - INTERNALLY-ILLUMINATED "BRAKES PLUS" SIGNAGE
 - PRE-FINISHED METAL CAP FLASHING FINISHED TO MATCH AWNING COLOR
 - NOT USED
 - DECORATIVE LIGHT FIXTURE.
 - KEY DROP BOX
 - 1 1/2" X 3/4" EIFS REVEAL
 - THIN STONE WATER SILL - TAUPE
 - CULTURED STONE WHITE OAK COUNTRY LEDGESTONE
 - MECH. GRILLE - PAINT TO MATCH BLOCK
 - METAL AWNING - BERRIDGE "CITYSCAPE COLOR"
 - OPEN TO BEYOND
 - DASHED LINE INDICATES HVAC UNIT BEHIND PARAPET