### LAND AREA:

55,024 SQ. FT. OR 1.263 ACRES MORE OR LESS

### **BASIS OF BEARING:**

BEARINGS ARE BASED ON THE NORTH LINE OF TRACT D, CARRIAGE MEADOWS NORTH FILING NO. 1, BEARING N89°48'24" E, A DISTANCE OF 699.24 FEET, AS MONUMENTED AT BOTH ENDS BY A FOUND YELLOW PLASTIC CAP STAMPED "FWS PLS 38226".

# **BENCHMARK:**

ELEVATIONS ARE BASED UPON A FOUND 2" ALUMINUM CAP STAMPED "FARNSWORTH GROUP INC. PLS 38053" ON THE WEST LINE OF TRACT B AS SHOWN AS HEREON (ELEVATION = 5724.52)

### LEGAL DESCRIPTION

VILLAGE AT LORSON RANCH FILING NO.1, LOT 2.

### **GENERAL NOTES:**

- 1. 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.
- 2. THE OWNER IS AWARE THAT THE ACCESS PERMITS (AP211569, AP211570) ARE SUBJECT TO CONDITIONS OF

# FEMA CLASSIFICATION

THE FLOOD INSURANCE RATE MAP (FIRM) PANEL NO. 08041C0957G EFFECTIVE DATE DECEMBER 7, 2018, HAS BEEN EXAMINED AS IT RELATES TO THE PROPERTY BEING PLATTED. THE PROPERTY LIES WITHIN ZONE X, 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. EL PASO COUNTY IS NOT RESPONSIBLE FOR ENFORCEMENT OF THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS.

### PROPERTY OWNER ACKNOWLEDGEMENT

CRADLAN LLC, BEING THE OWNER(S) OF THE LAND DESCRIBED HEREIN HAVE CAUSED SAID LAND TO BE SITE PLANNED UNDER THE NAME OF MCDONALD'S USA, 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 215 DAY OF NOVEMBER 20

# CRADLAN LLC

NOTARY CERTIFICATE

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 21 DAY OF HOMEN 2021

# MY COMMISSION EXPIRES: 01-12-2025

NOTARY PUBLIC

CHASITY MCMORROW

Notary Public

State of Colorado

Notary ID # 20214001211

My Commission Expires 01-12-2025

# CONTACTS:

DEVELOPER:
MCDONALD'S USA, LLC
110 N. CARPENTER STREET
CHICAGO, IL 60607
TEL: (206)-348-4374
CONTACT: ROBERT YAGUSESKY
EMAIL: ROBERT.YAGUSESKY@US.MCD.COM

ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
2 NORTH NEVADA AVE., SUITE 900
COLORADO SPRINGS, CO 80903
TEL: (719) 284-7275
CONTACT: JESSICA MCCALLUM, P.E.
EMAIL: JESSICA.MCCALLUM@KIMLEY-HORN.COM

LANDSCAPE ARCHITECT:
KIMLEY-HORN AND ASSOCIATES, INC.
2 NEVADA NORTH AVE., SUITE 900
COLORADO SPRINGS, CO 80903
TEL: (719) 453-0180
CONTACT: JEREMY POWELL, P.L.A.
EMAIL: JEREMY.POWELL@KIMLEY-HORN.COM

ARCHITECT:
CORE STATES GROUP
135 WATER STREET, SUITE 201
NAPERVILLE, IL 60540
TEL: (224) 585-4591
CONTACT: JOY VRCHOTA
EMAIL: JVROCHOTA@CORE-STATES.COM

SURVEYOR:
KIMLEY-HORN AND ASSOCIATES, INC.
6200 S. SYRACUSE WAY, SUITE 300
GREENWOOD VILLAGE, CO 80111
TEL: (303) 228-2300
CONTACT: DARREN WOLTERSTORFF, P.L.S.
EMAIL: DARREN.WOLTERSTORFF@KIMLEY-HORN.COM

<u>OWNER:</u> CRADLAN LLC 212 N. WAHSA

212 N. WAHSATCH AVE, SUITE 301 COLORADO SPRINGS, CO 80903 TEL: (719)-635-3200 CONTACT: JEFF MARK EMAIL: JMARK@LANDHUISCO.COM

# MCDONALD'S AT FONTAINE AND MARKSHEFFEL SITE DEVELOPMENT PLAN VILLAGE AT LORSON RANCH FILING NO.1 LOT 2

 $S_2^{\frac{1}{2}}$  OF SE  $\frac{1}{4}$  OF SECTION 15, TOWNSHIP 15S, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



# VICINITY MAP

NOT TO SCALE

SHEET INDEX					
SHEET NO. SHEET TITLE					
1	COVER SHEET				
2	EXISTING CONDITIONS AND DEMO PLAN				
3	SITE PLAN				
4	SITE PLAN — DETAILS				
5	UTILITY PLAN				
6	GRADING PLAN				
7 LANDSCAPE PLAN					
8 LANDSCAPE NOTES					
9 LANDSCAPE DETAILS					

# SITE DATA

SITE AREA: 1.263± AC (55,024 SF)

AREA OF DISTURBANCE 1.160± AC

ZONING CLASSIFICATION: COMMERCIAL SERVICE (CS)
LAND USE: FAST FOOD RESTAURANT WITH DRIVE—THRU

JURISDICTION: EL PASO COUNTY

SITE ADDRESS: STREET ADDRESS: 9664 FONTAINE BLVD

CITY: COLORADO SPRINGS COUNTY: EL PASO STATE: COLORADO

TAX SCHEDULE NO.: 5515413054

BUILDING SETBACKS: 25' FRONT SETBACK 0' SIDE SETBACK

LANDSCAPE SETBACKS: 10' - N 10' - E

N/A - S N/A - W

O' REAR SETBACK

MAXIMUM LOT COVERAGE: N/A

PROPOSED EASEMENTS: N/A

LANDSCAPE: 5% OF INTERIOR LOT (NOT INCLUDING LANDSCAPE BUFFER)

BUILDING - 3,694 SF | 6.71%±
DRIVEWAY AND PARKING - 35,285 SF | 64.13%±
SIDEWALKS AND HARDSCAPE - 2,559 SF | 4.65%±

LANDSCAPING - 13,486 SF | 24.51%±

# **BUILDING DATA**

SITE COVERAGE:

TOTAL GROSS BUILDING AREA:

BUILDING HEIGHT:
PROPOSED:
MAXIMUM BY CODE:

PROPOSED LOT COVERAGE:

CONSTRUCTION TYPE:
OCCUPANCY CLASSIFICATION:

3,694 S.F.

18'-9 1/2"
45.0'

VB
A2

# **PARKING COUNTS**

•		<u>-</u>			
		PARKING REQUIR	PARKING PROVIDED		
	OFF-STREET PARKING	1 SPACE PER 100 SF OF BUILDING	37 SPACES	43 SPACES	
	ADA	2 SPACES (1 VAN ACCESSIBLE)		2 SPACES	
	BICYCLE PARKING	3 SPACES		3 SPACES	

# OWNER/DEVELOPER STATEMENT

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

Robert Vagusesky

MCDONALD'S USA, LLC

BY: ROBERT YAGUSESKY

TITLE: AREA CONSTRUCTION MANAGER

ADDRESS: 110 N. CARPENTER STREET

CHICAGO, IL 60607

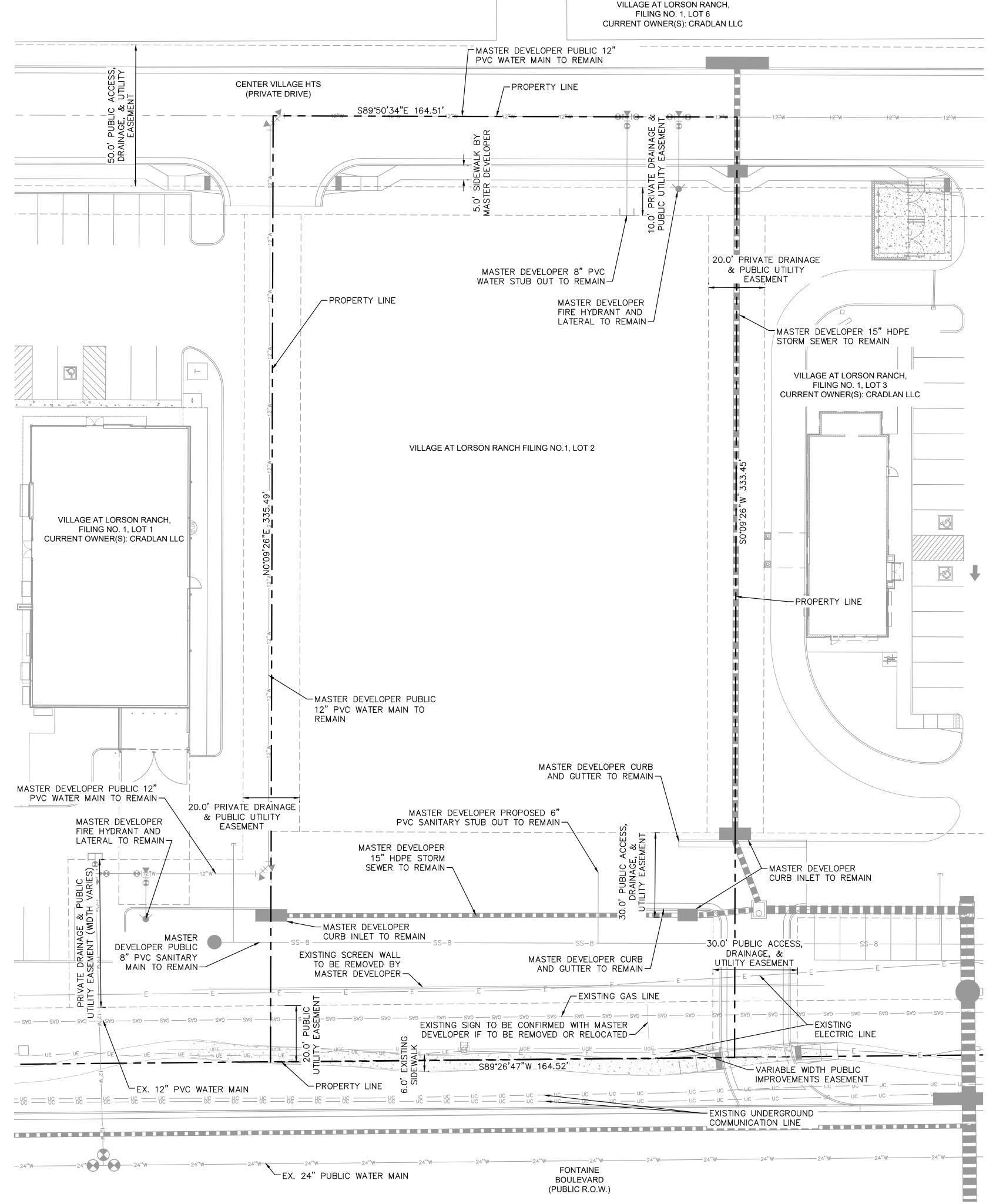
Kimley»Horn

MCDonald's USA, LLC and shall not be copied or rephout written authorization. The contract documents were preprose on this specific site in conjunction with its issue date at suitable for use on a different site or at a later time. Use

i		:			ALS
	DEVELOPMENT PLAN	PLAN	_		STD ISSUE DA 12/06/2024
TION					REVIEWED B
					MUU
رن ک	R SHEET				DATE ISSUE
					12/06/2024
	SITE ADDRESS	20 00 400	001410	00400	EL PASO COUN
	900+ FON AIME BLVD, COLONADO STRINGS, COLONADO	ייני טטאאט.	(SONIA)		NO: EA2467



VILLAGE AT LORSON RANCH, FILING NO. 1, LOT 6



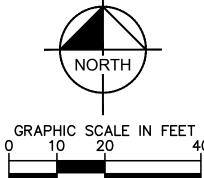
(PUBLIC R.O.W.)



PROPOSED EASEMENT
EXISTING EASEMENT
EXISTING CONCRETE

# **GENERAL NOTES**

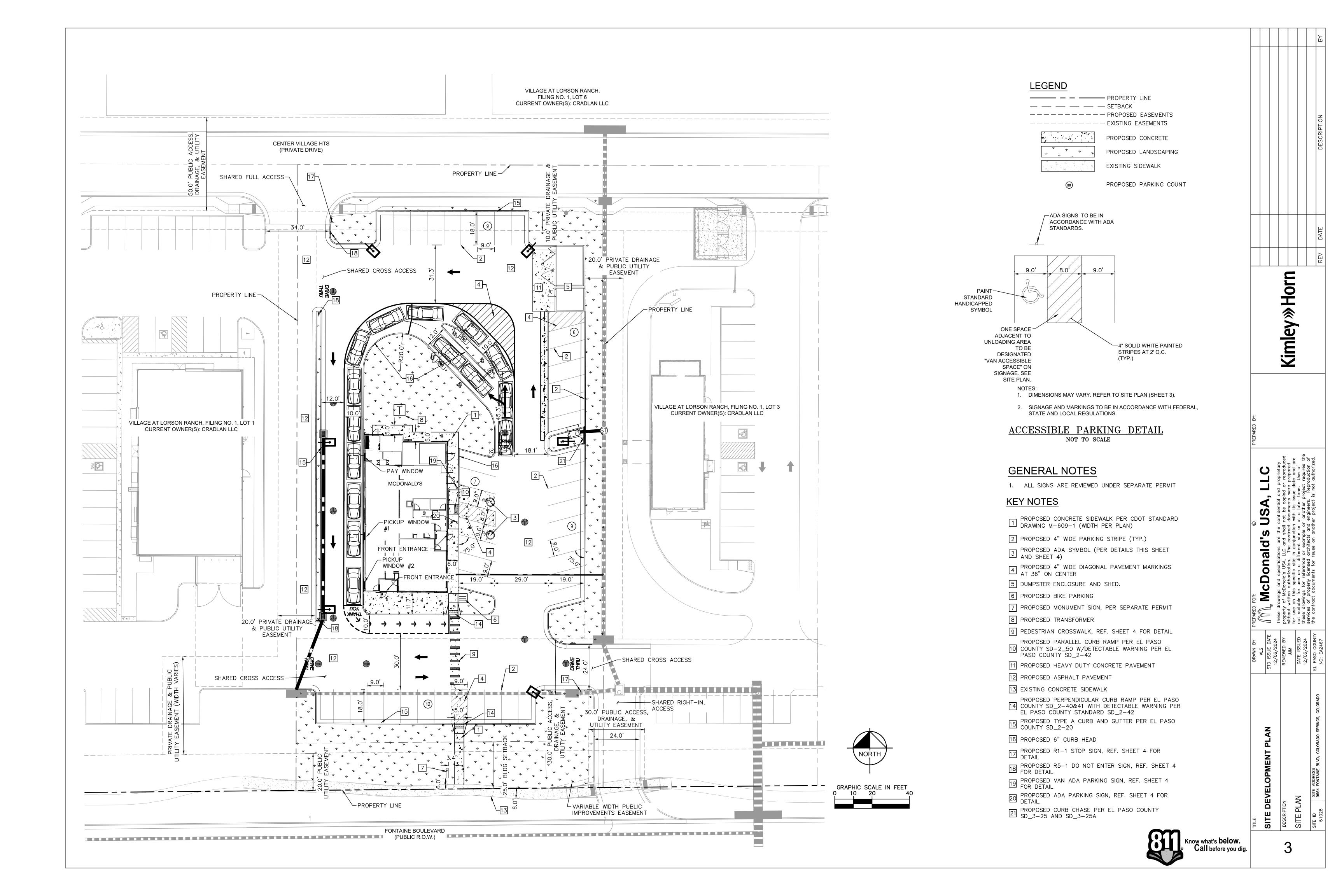
- 1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
- 2. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, MASTER DEVELOPMENT CONSTRUCTION DOCUMENTS, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.

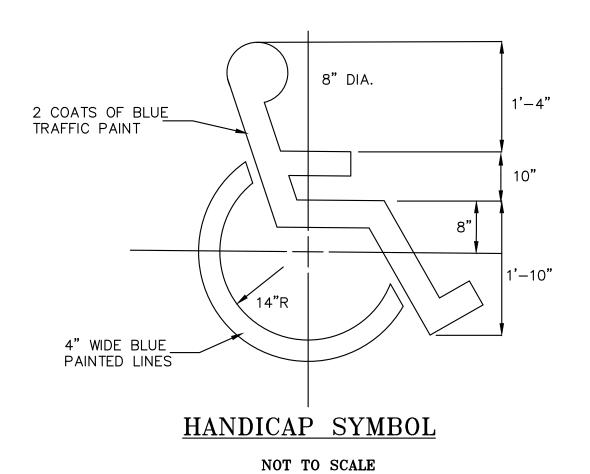


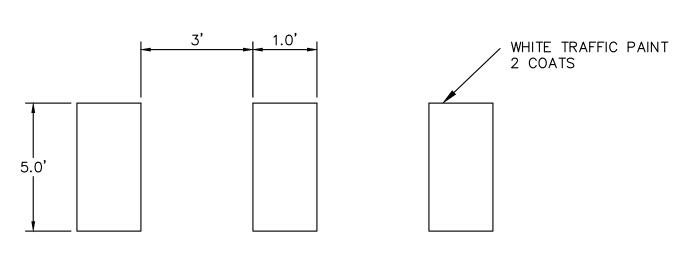




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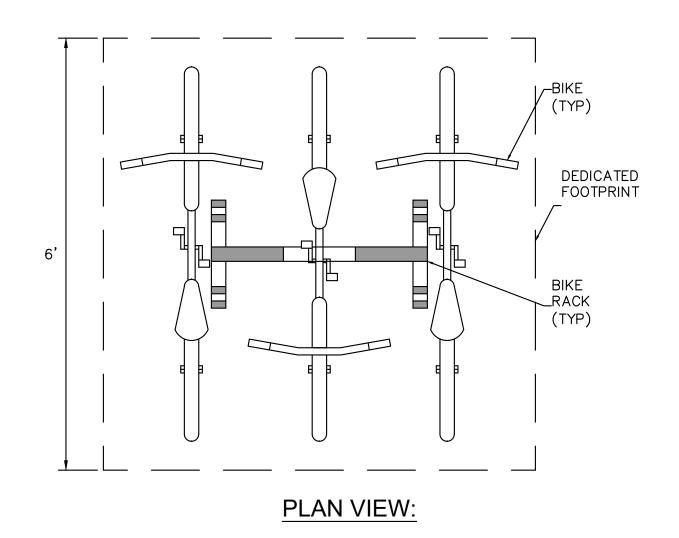






PRIVATE SITE CROSSWALK DETAIL

NOT TO SCALE



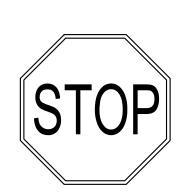
DEDICATED FOOTPRINT FOR 3 BIKE RACK
NOT TO SCALE



STANDARD RED AND WHITE SIGN R5-1 30"X30"

MUTCD R5-1 DO NOT ENTER SIGN DETAIL

NOT TO SCALE

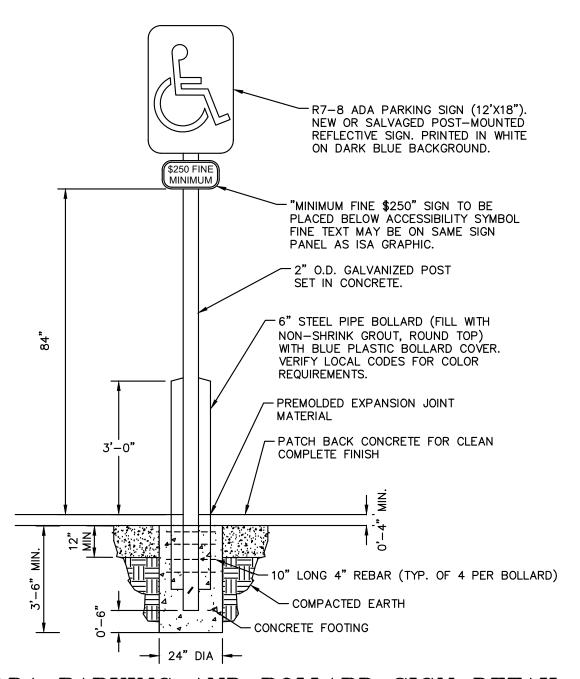


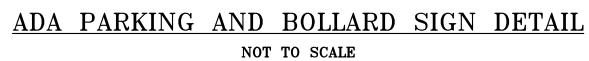
30"x30"
MINIMUM SIZE

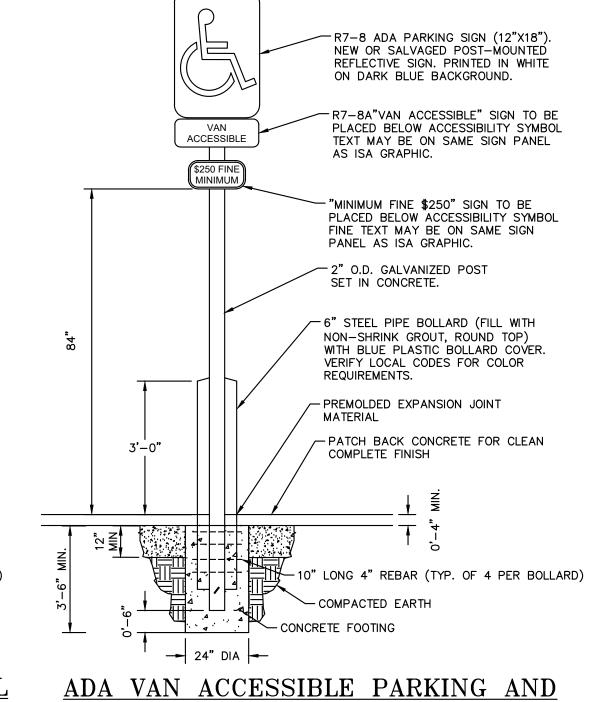
BACKGROUND 4090 (3M-WHITE DIAMOND GRADE) OR EQUIVALENT FOREGROUND 1172 C (3M-RED EC FILM) OR EQUIVALENT

MUTCD R1-1 STOP SIGN DETAIL

NOT TO SCALE







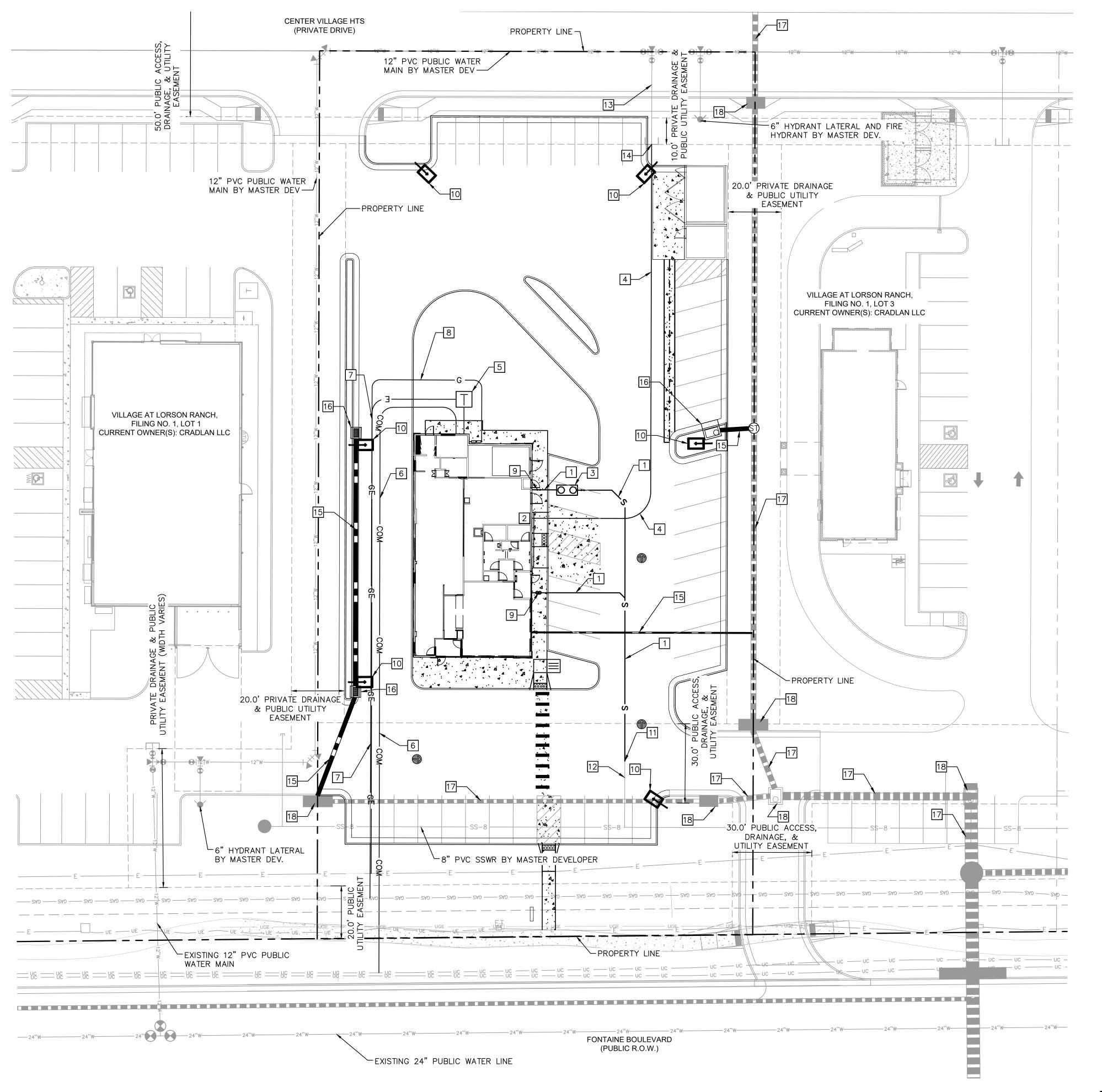
BOLLARD SIGN DETAIL

NOT TO SCALE

Kimley » Horn

TITLE		DRAWN
		ALS
SITE DE	SITE DEVELOPMENT PLAN	STD ISSU
		12/06/
DESCRIPTION		REVIEWE
		NU)
SITE PLA	SITE PLAN - DETAILS	DATE IS
		12/06/
SITE ID	SITE ADDRESS 9664 FONTAINE BLVD COLOBADO SEBINGS COLOBADO	EL PASO
51028	פססין ויסורואות ברעם, סטרטיאם כן ייייסט, סטרטיאם	NO: EA







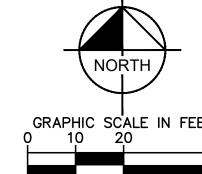
	PROPERTY LINE
	EASEMENTS
	EASEMENTS
1 din 1 din 2	PROPOSED CONCRETE
	EXISTING SIDEWALK
w	PROPOSED WATER LINE AND VALVE
	PROPOSED SANITARY SEWER LINE
	PROPOSED COMMUNICATION LINE
G	PROPOSED UNDERGROUND GAS LINE
——Е——	PROPOSED POWER LINE AND MANHOLE
T	PROPOSED TRANSFORMER
— GAS —— GAS —— GAS —— GAS —	EX. GAS LINE
s	EX. SANITARY SEWER LINE
— UE —— UE —— UE —— UE —	EX. UNDERGROUND ELECTRIC LINE
12"W12"W	EX. WATER LINE
	EX. STORM SEWER
— uc —— uc —— uc —— uc —	EX. UNDERGROUND COMMUNICATION LINE

# **GENERAL NOTES**

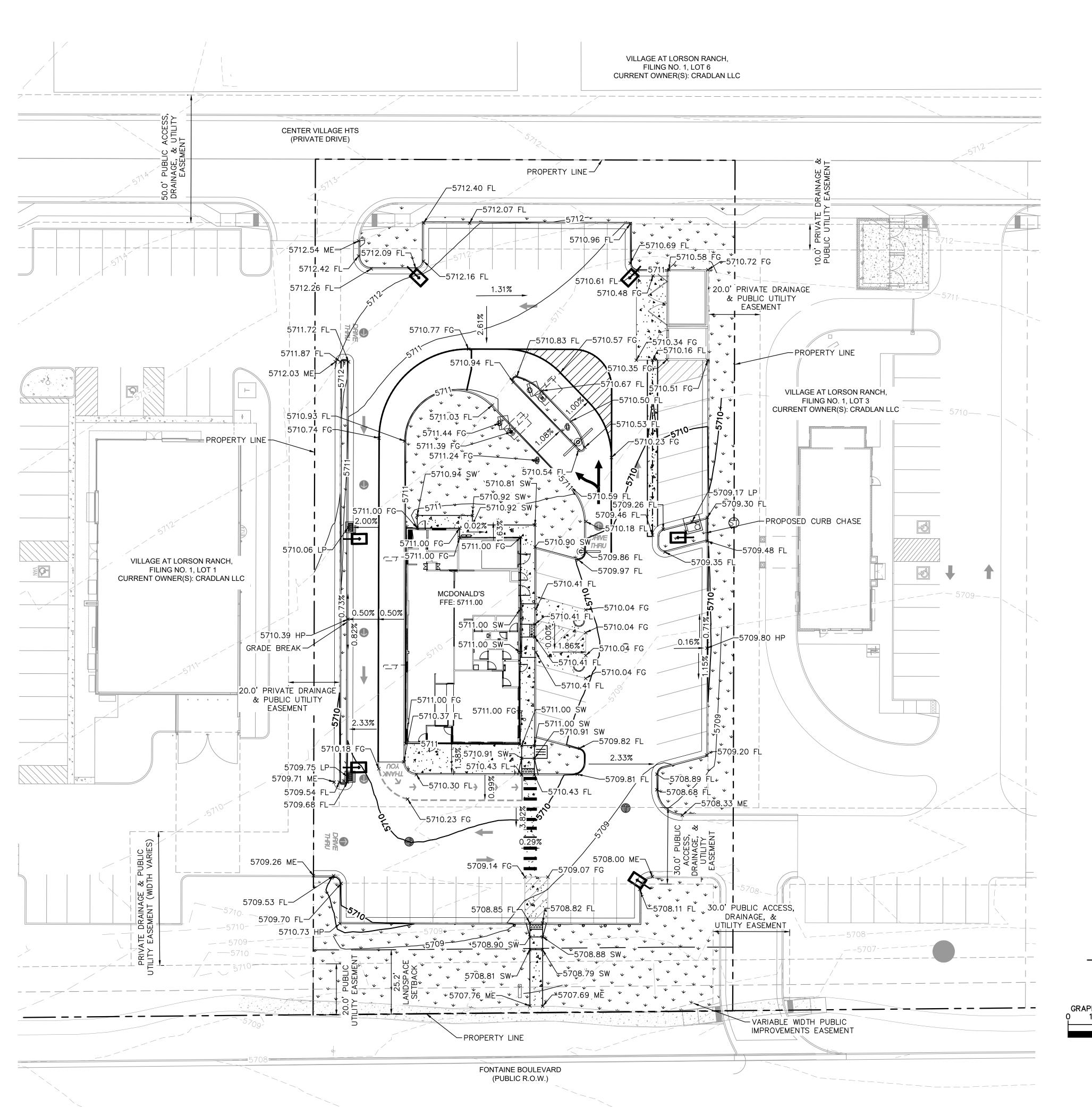
- NOTE THAT THE LAYOUT FOR DRY UTILITIES IS PRELIMINARY AND FOR CONCEPTUAL USE ONLY.
- 2. UTILITY CLEARANCES BETWEEN STORM SEWER AND WATER MAINS MUST MAINTAIN A VERTICAL SEPARATION OF AT LEAST 18".

# **KEYNOTES**

- 1 PROPOSED PRIVATE 4" PVC SANITARY SEWER SERVICE LINE
- DOM. WATER POC W/ 2" REDUCED PRESSURE BACKFLOW PREVENTER (RPBP) INSIDE
- 3 PROPOSED PRIVATE SCHIER GB-500 GREASE INTERCEPTOR
- 4 PROPOSED PRIVATE 2" HDPE WATER SERVICE LINE
- 5 PROPOSED PRIVATE TRANSFORMER
- 6 PROPOSED PRIVATE TELECOMMUNICATIONS SERVICE LINE
- 7 PROPOSED PRIVATE ELECTRIC SERVICE LINE
- 8 PROPOSED PRIVATE GAS SERVICE LINE
- 9 PROPOSED PRIVATE 4" SANITARY SEWER 2-WAY CLEANOUT
- 10 PROPOSED SITE LIGHT
- 11 PROPOSED PRIVATE SANITARY SEWER CONNECTION TO STUB
- PROPOSED PRIVATE 6" PVC SANITARY SEWER STUB TO BE CONSTRUCTED WITH MASTER DEVELOPMENT
- PROPOSED PRIVATE 8" WATER STUB TO BE CONSTRUCTED WITH MASTER DEVELOPMENT
- 14 PROPOSED PRIVATE WATER CONNECTION TO STUB
- 15 PROPOSED PRIVATE STORM SEWER
- 16 PROPOSED PRIVATE STORM INLET
- 17 PRIVATE STORM SEWER BY MASTER DEV.
- 18 PRIVATE STORM SEWER INLET BY MASTER DEV.







# LEGEND

	- PROPERTY LINE
	PROPOSED EASEMENTS
	- EXISTING EASEMENTS
<del></del> 6000 <del></del>	PROPOSED MAJOR CONTOUR
<del></del> 6001 <del></del>	PROPOSED MINOR CONTOUR
——————————————————————————————————————	EXISTING MAJOR CONTOUR
———6001 ———	EXISTING MINOR CONTOUR
* * * * * * * * * * * * * * * * * * *	PROPOSED LANDSCAPING
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EXISTING SIDEWALK
FG	FINISHED GRADE
FFE	FINISH FLOOR ELEVATION
ME	MATCH EXISTING
LP	LOW POINT
FL	FLOW LINE
HP	HIGH POINT
SW	SIDEWALK

# **GENERAL NOTES**

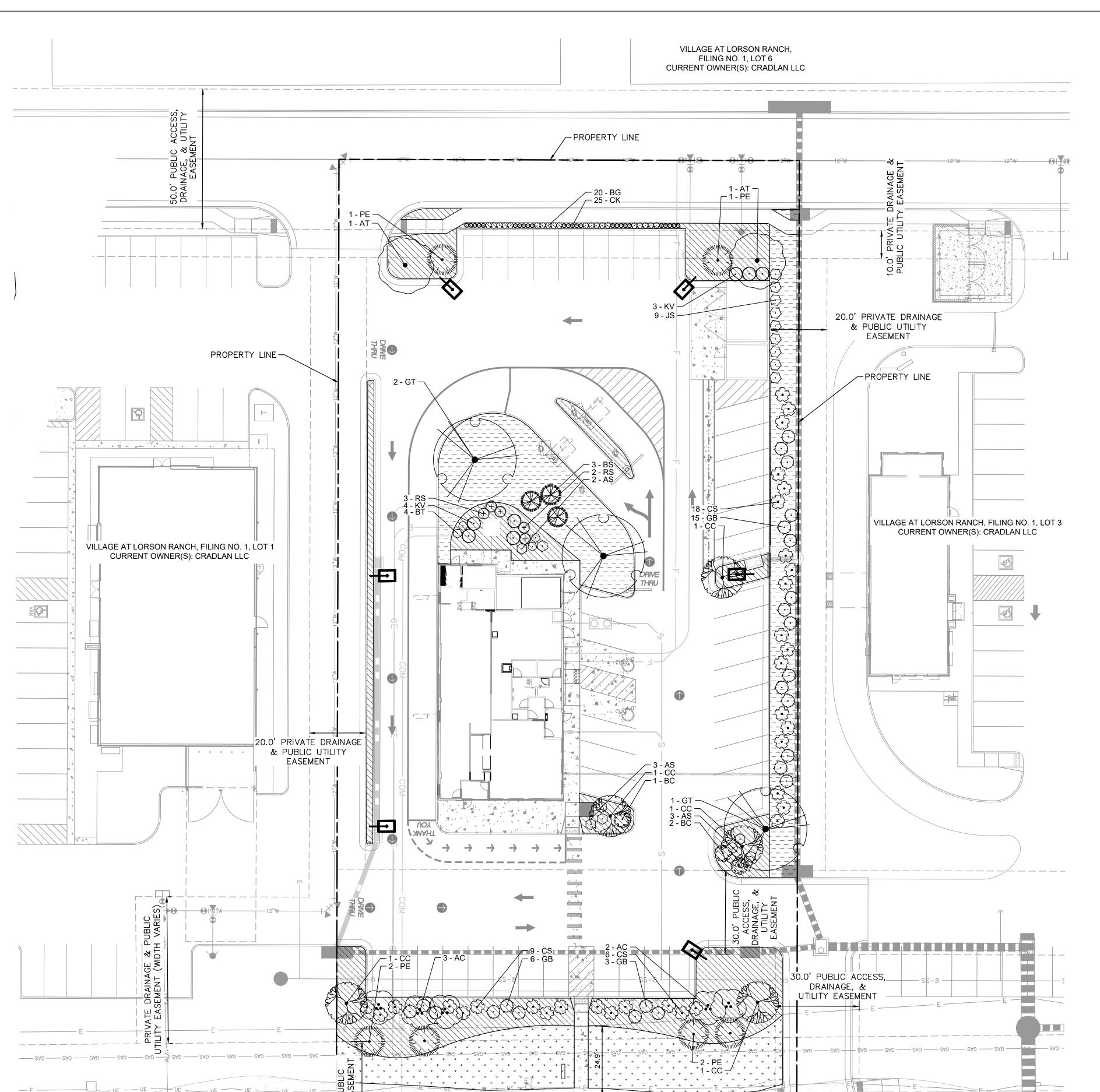
- DETAILED GRADING SHALL BE PER THE APPROVED CIVIL CONSTRUCTION DOCUMENTS.
   ALL GRADING SHALL BE PER EL PASO COUNTY STANDARD DETAILS AND SPECIFICATIONS.

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HIC SC	ALE IN	I FEET	С

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	TITLE		
	SITE DE	SITE DEVELOPMENT PLAN	STI
6	DESCRIPTION		~   œ
6	GRADING PLAN	3 PLAN	
	SITE ID 51028	SITE ADDRESS 9664 FONTAINE BLVD, COLORADO SPRINGS, COLORADO	

Kimley » Horn





FONTAINE BOULEVARD (PUBLIC R.O.W.)



SYMBOL	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	CONT.	SIZE / CAL	WIDTH	<u>HEIGHT</u>	CODE REQ.
DECIDUOUS	S TREES							
$(\cdot)$	AC	5	AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY MULTITRUNK	B & B	1.5" CAL O.A. 5 STEM MIN	15`-20`	15`-20`	STREAM
$\bigcirc$	АТ	2	ACER TATARICUM GINNALA AMUR MAPLE	B & B	1.5" CAL MIN	15`-20`	15`-20`	ROW/MEDIANS
	CC	5	CRATAEGUS CRUS-GALLI 'INERMIS' THORNLESS HAWTHORN	B & B	2.5" CAL MIN	15`-25`	15`-25`	ROW/MEDIANS
	GT	3	GLEDITSIA TRIACANTHOS INERMIS 'SUNBURST' SUNBURST HONEYLOCUST	B & B	2.5" CAL MIN	30`-40`	30`-40`	PARK/ROW/MEDIAN
EVERGREE	N TREES							
	BS	3	PICEA PUNGENS `FASTIGIATA` FASTIGIATE BLUE SPRUCE	B & B	6` HGT.	10`-15`	25`-40`	SCREEN/WALL/TRASH
	PE	6	PINUS EDULIS PINON PINE	B & B	6` HGT.	10`-20`	20`-30`	SCREEN/WALL/TRASH
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE/WTR USE	SPACING	WIDTH	<u>HEIGHT</u>	CODE REQ.
DECIDUOUS	AS SHRUBS	8	SPIRAEA X BUMALDA 'ANTHONY WATERER' ANTHONY WATERER SPIREA	5 GAL	SEE PLAN	3`-5`	2`-3`	
$\odot$	ВТ	4	BERBERIS THUNBERGII `CHERRY BOMB` RED LEAF JAPANESE BARBERRY	5 GAL.	SEE PLAN	3`-5`	3`-5`	
$\check{\odot}$	KV	7	VIBURNUM CARLESII KOREANSPICE VIBURNUM	5 GAL	SEE PLAN	4`-6`	4`-6`	
$\stackrel{\sim}{\oplus}$	RS	5	PEROVSKIA ATRIPLICIFOLIA RUSSIAN SAGE	5 GAL.	SEE PLAN	3`-4`	3`-4`	
EVERGREE	N SHRUBS							
E	ВС	3	JUNIPERUS HORIZONTALIS 'BLUE CHIP' BLUE CHIP CREEPING JUNIPER	5 GAL	SEE PLAN	6`-8`	1`-2`	
$\bigcirc$	cs	33	CYTISUS PURGANS 'SPANISH GOLD' SPANISH GOLD BROOM	5 GAL.	SEE PLAN	4`-6`	2`-4`	
$\odot$	GB	24	PICEA PUNGENS 'GLOBOSA' DWARF GLOBE BLUE SPRUCE	5 GAL	SEE PLAN	5`-6`	3`-5`	
$\bigcirc$	JS	9	JUNIPERUS SCOPULORUM 'MEDORA' MEDORA JUNIPER	5 GAL	SEE PLAN	4`-6`	15`-20`	
GRASSES								
$\odot$	BG	20	BOUTELOUA GRACILIS 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMA	1 GAL.	SEE PLAN	2`-3`	2`-3`	
ANNA CONTRACTOR	СК	25	CALAMAGROSTIS X ACUTIFLORA `KARL FOERSTER` FEATHER REED GRASS	5 GAL.	SEE PLAN	18"-24"	4`-5`	
SYMBOL	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	<u>TYPE</u>	INSTALL RATE	WEED FABRIC	MFR.	
GROUND CO	OVERS ROCK	4,637 SF	3/4" SADDLEBACK SWIRL ROCK MULCH SUBMIT SAMPLE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. 2" - 6" COLORADO ROSE ROCK MULCH	ROCK MULCH	4"	YES	C&C SAND	
	ROCK1	5,875 SF	INSTALLED AT A MINIMUM DEPTH OF 3" OVER WEED BARRIER FABRIC. SUBMIT SAMPLE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.	ROCK MULCH	3" DEPTH	YES	PIONEER SAND	
* * *	SEED	2,845 SF	PBSI NATIVE LAWN MIX 50% BUFFALOGRASS, 50% BLUE GRAMA	SEED			PAWNEE BUTTES SEED	

INTERNAL LANDSCAPING					
GROSS SITE AREA:	55,024 SF (1.26 AC)				
PERCENT MINIMUM INTERNAL AREA:	5%				
INTERNAL LANDSCAPE AREA REQ. / PROV.	2,751 SF / 14,052 SF				
TREE PER FEET REQ.	1 TREE PER 500 SF				
INTERNAL TREES REQ. / PROV.	6 / 6				
SHRUB SUBSTITUTES REQ. / PROV.	0/0				
ORN. GRASS SUBSTITUTES REQ. / PROV.	0/0				
PLANT ABBREVIATION DENOTED ON PLAN:	IN				
% GROUND PLANE VEG. REQ. / PROV.	75% / 75%				

PARKING LOT LANDSCAPING					
NUMBER OF VEHICLE SPACES PROVIDED:	43				
SHADE TREES REQUIRED:	1 TREE PER 15 STALLS				
SHADE TREES REQ. / PROV.:	3/3				
PARKING LOT FRONTAGES:	NORTH	SOUTH	EAST		
LENGTH OF FRONTAGE:	82'	182'	147'		
LENGTH OF 3' TALL SCREENING PLANTS REQ. / PROV.:	54' / 54'	121' / 121'	97'/ 97'		
LENGTH OF BERM OR FENCE REQ. / PROV.:	N/A	N/A	N/A		
PLANT ABBREVIATION DENOTED ON PLAN:		PL			

LANDSCAPE SETBACKS AND BUFFERS						
PRIVATE DRIVE BOULEVARD (NORTH PROPERTY LINE) (SOUTH PROPERTY LINE)		COMMERCIAL (EAST PROPERTY LINE)	COMMERCIAL (WEST PROPERTY LINE)			
NON ARTERIAL	ARTERIAL	N/A	N/A			
10' / 10'	25' / 25'	0' / 0'	0' / 0'			
164'	164'	333'	335'			
1 TREE PER 30 LF	1 TREE PER 20 LF	N/A	N/A			
6 / 6	9/9	N/A	N/A			
2/2	N/A	N/A	N/A			
N/A	N/A	N/A	N/A			
N/A	N/A	N/A	N/A			
N/A	N/A	N/A	N/A			
PD	FB	ES	WS			
75% / 75%	75% / 75%	75% / 75%	75% / 75%			
	PRIVATE DRIVE (NORTH PROPERTY LINE)  NON ARTERIAL  10' / 10'  164'  1 TREE PER 30 LF  6 / 6  2 / 2  N/A  N/A  N/A  PD	PRIVATE DRIVE (NORTH PROPERTY LINE)  NON ARTERIAL  10' / 10'  164'  1 TREE PER 30 LF  6 / 6  9 / 9  2 / 2  N/A  N/A  N/A  N/A  N/A  PD  FONTAINE BOULEVARD (SOUTH PROPERTY LINE)  1 TREE PER 20 LF  8 / 9  1 TREE PER 20 LF  8 / 9  1 TREE PER 20 LF  8 / 8  N/A  N/A  N/A  N/A  FB	PRIVATE DRIVE (NORTH PROPERTY LINE)         FONTAINE BOULEVARD (SOUTH PROPERTY LINE)         COMMERCIAL (EAST PROPERTY LINE)           NON ARTERIAL         ARTERIAL         N/A           10' / 10'         25' / 25'         0' / 0'           164'         164'         333'           1 TREE PER 30 LF         1 TREE PER 20 LF         N/A           6 / 6         9 / 9         N/A           2 / 2         N/A         N/A           N/A         N/A         N/A </td			



. /		J
1/	EVERGREEN TREES REQ. / PROV.	2/2
	SHRUB SUBSTITUTES REQ. / PROV.	N/A
	ORN. GRASS SUBSTITUTES REQ. / PROV.	N/A
E IN FEET	OPAQUE SCREEN REQ. / PROV.	N/A
40	PLANT ABBREVIATION DENOTED ON PLAN:	PD
	% GROUND PLANE VEG. REQ. / PROV.	75% / 75%



						DESCRIPTION
						DATE
						REV
»Horn						

Kimley

# 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
- 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

- I. 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

ANTS ONE (1) COBIC FOOT
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  $\frac{3}{4}$  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

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.

BEARING LEGIBLE DESIGNATION OF COMMON NAME AND FULL SCIENTIFIC NAME, INCLUDING GENUS AND SPECIES. INCLUDE

# 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.
- ${\tt b. \ SAND \ SHALL \ BE \ COARSE, \ CLEAN, \ WELL-DRAINING, \ NATIVE \ SAND.}$
- 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.

# . WATE

- 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

- . 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. MULCH SHALL BE DOUBLE SHREDDED HARDWOOD MULCH. 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.

#### DIGGING AND HANDLING

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

#### CONTAINER GROWN STOCK

- 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.

#### 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 GRAD

- 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

- 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.
- 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
- 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 ONSITE 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 FOREMEN.
- 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 FOR WEED CONTROL BY QUALIFIED PERSONNEL 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
- 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.

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- 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 REGRADING 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.

### D. EDGING

- a. CONTRACTOR SHALL INSTALL 4"X<sub>8</sub>" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.
- 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.

# PLANT MATERIAL MAINTENANCE

 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 CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
- 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.
- PARKING LOT ISLAND NOTE
- THE SOIL OF ANY PLANTER WITHIN THE PARKING LOT SHALL BE STRUCTURALLY RENOVATED (TILLED) OR REMOVED TO A
  DEPTH OF THIRTY INCHES (30") AND REPLACED WITH AN ACCEPTABLE GROWING MEDIUM FOR THE SPECIES INDICATED FOR
  INSTALLATION.

# J. MAINTENANCE

- 1. LANDSCAPE IMPROVEMENTS AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER, AND/ OR THEIR ASSIGNS.
- 2. ALL STREET TREES AND STREETSCAPE IMPROVEMENTS LOCATED IN THE R.O.W. WILL BE MAINTAINED BY THE ABUTTING PROPERTY OWNER.

# STANDARD CITY OF COLORADO SPRINGS LANDSCAPE NOTES

- A. A FINAL LANDSCAPE AND IRRIGATION PLAN, WITH APPLICABLE SUPPORTING MATERIAL, SHALL BE SUBMITTED AT TIME OF BUILDING PERMIT APPLICATION AND SHALL BE APPROVED BEFORE ANY BUILDING PERMIT APPROVAL, ANY LANDSCAPE OR IRRIGATION
- CONSTRUCTION, AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY

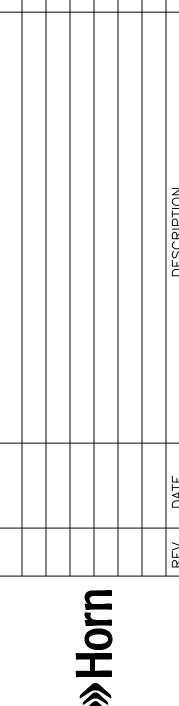
  B. ALL PROPOSED LANDSCAPING SHALL BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM WHICH WILL PROVIDE DRIP IRRIGATION TO ALL SHRUB BEDS AND TREES WITHIN NATIVE SEED AREAS AND SPRAY IRRIGATION TO ALL HIGH-WATER USE TURF AND NATIVE SEED AREAS.

  C. THE OWNER OR DEVELOPER IS REQUIRED TO PROVIDE INSPECTION AFFIDAVITS EXECUTED BY THE COLORADO LICENSED LANDSCAPE ARCHITECT OR CERTIFIED IRRIGATION DESIGNER OF RECORD FOR THE PROJECT. WHICH CERTIFIES THAT THE PROJECT WAS INSTALLED
- LIMITED CONSTRUCTION OBSERVATION VISITS TO ACCURATELY COMPLETE THE AFFIDAVITS. WHEN READY TO CALL FOR INSPECTION AND SUBMIT AFFIDAVITS, FIRST CONTACT THE CITY PLANNER OF RECORD FOR THE PROJECT (719- 385-5905) AND AS NECESSARY OUR DRE OFFICE (719-385-5982).

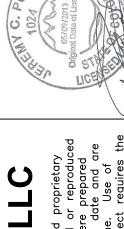
AND IN COMPLIANCE WITH THE APPROVED FINAL LANDSCAPE AND IRRIGATION PLAN ON FILE IN CITY PLANNING. THIS SHOULD REQUIRE

- D. COPIES OF RECEIPTS/DELIVERY TICKETS FOR SOIL AMENDMENTS INSTALLED ON THE PROJECT ARE REQUIRED TO BE PROVIDED WITH THE INSPECTION AFFIDAVITS.
   E. IF SOIL IN THE PARKING LOT HAS BEEN COMPACTED BY GRADING OPERATIONS, THE SOIL WITHIN THE PLANTER SHALL BE TILLED, OR
- REMOVED TO A DEPTH OF THIRTY (30) INCHES AND REPLACED WITH AN ACCEPTABLE GROWING MEDIUM FOR THE SPECIES BEING INSTALLED.

  F. TILLING OF THE EXISTING SOIL TO INCORPORATE AMENDMENTS AND COUNTER ANY COMPACTION OR SOIL CONSOLIDATION SHALL BE
- REQUIRED FOR ALL LANDSCAPE PLANTING AREAS.
  G. ACCESSIBLE ROUTES, INCLUDING RAMPS AND SIDEWALKS, WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PER CITY ENGINEERING
- STANDARD DRAWINGS AND SPECIFICATIONS. ENGINEERING DEVELOPMENT REVIEW DIVISION INSPECTOR WILL HAVE THE FINAL AUTHORITY ON ACCEPTING THE PUBLIC IMPROVEMENTS.



Kimley»Ho



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a authorization. The contract documents were prepared
is specific site in conjunction with its issue date and are
or use on a different site or at a later time. Use of
s for reference or example on another project requires th

ENT PLAN

STD ISSUE DATE

12/06/2024

REVIEWED BY
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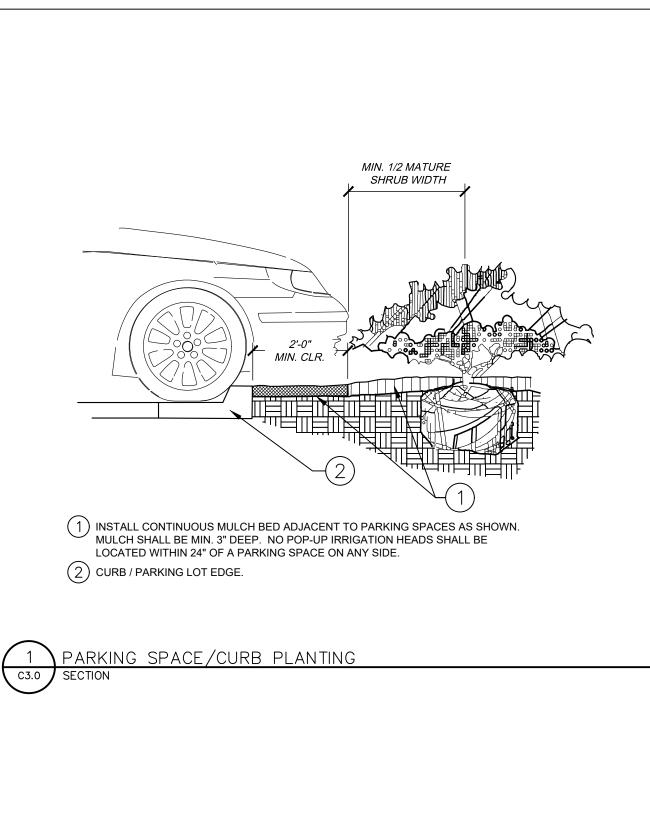
DATE ISSUED

12/06/2024

EL PASO COUNTY

Know what's below Call before you o

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1. DO NOT REMOVE OR CUT LEADER.

4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING.

8. ALL TREES TO BE DEEP WATERED AT TIME OF PLANTING.

2 PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.

FOR CURRENT INSECT AND DISEASE RECOMMENDATIONS PRIOR TO PLANTING.

3. DO NOT REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

9. ALL TREES LOCATED IN ROCK/COBBLE BEDS SHALL HAVE A 36 INCH DIAMETER WOOD MULCH RING.

. AMENDED BACKFILL SHALL BE 1/3 COMPOST (PREFERABLY CLASSIFIED) AND 2/3 NATIVE AND/OR IMPORTED TOPSOIL.

6. MARK THE NORTH SIDE OF TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE.
7. PINE AND SPRUCE TREES TO BE SPRAYED FOR IPS BARK BEETLE PRIOR TO PLANTING. COORDINATE WITH CITY FORESTRY

Disclaimer: These planting details are for City review and approval process and shall not be used for construction or bidding purposes.

EVERGREEN TREE PLANTING

- TRUNK FLARE MUST BE VISIBLE AT TOP OF ROOTBALL. POSITION ROOT FLARE AT GRADE.

3-4" DEPTH OF SPECIFIED MULCH. KEEP MULCH AWAY FROM CONTACT WITH WOODY TRUNK. DO NOT PLACE LANDSCAPE FABRIC UNDER MULCH.

PROVIDE A 6' DIAMETER MULCH RING WITH A 6" PLANTING RIM FOR TREES IN DRYLAND PLANTING BEDS AND IN IRRIGATED NATIVE SEED AREAS WHERE IRRIGATION ZONES ARE TO BE SHUT DOWN AFTER ESTABLISHMENT. PROVIDE

6" RIM ON DOWNHILL SIDE ON SLOPES. NO RIM FOR TREES

ORANGE FLUORESCENT FLAGGING ON WIRE FOR

SET TREE VERTICAL, STAKE TREES SMALLER THAN 6' WITH TWO POSTS ON THE LEEWARD AND WINDWARD SIDES; STAKE TREES 6' HEIGHT AND GREATER WITH 3 METAL ANGLE IRONS, PLACED 120 DEGREES APART. USE NYLON

PROVIDE FLAGGING FOR VISIBILITY. SET STAKES IN

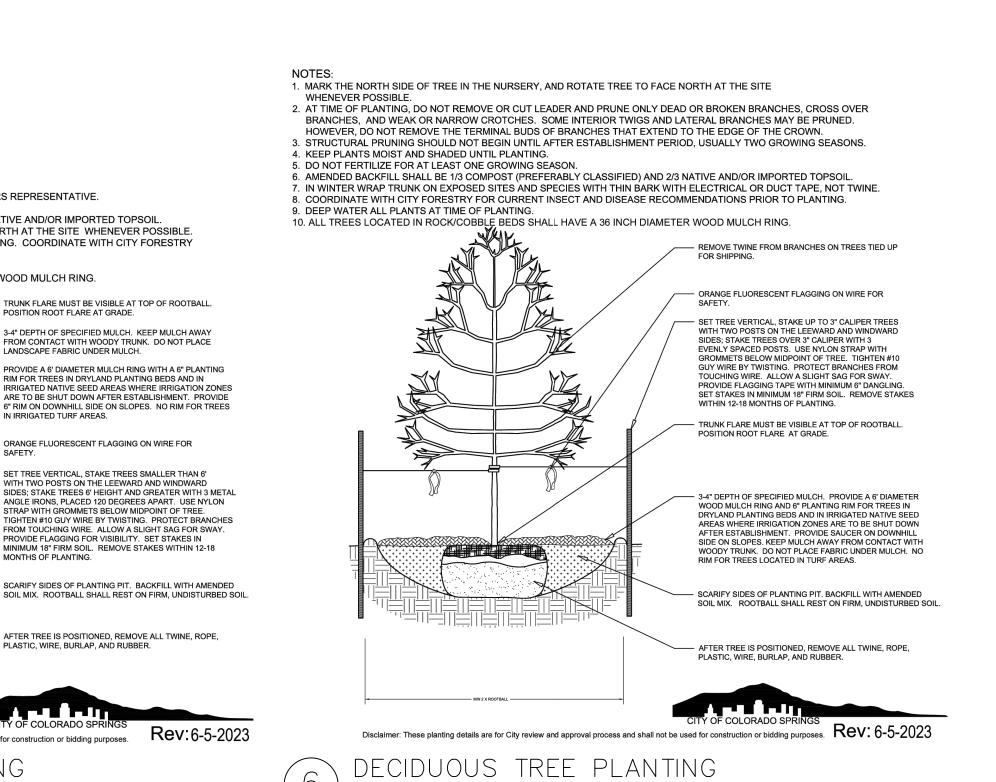
MINIMUM 18" FIRM SOIL. REMOVE STAKES WITHIN 12-18
MONTHS OF PLANTING.

AFTER TREE IS POSITIONED, REMOVE ALL TWINE, ROPE, PLASTIC, WIRE, BURLAP, AND RUBBER.

096-806.-032-03

STRAP WITH GROMMETS BELOW MIDPOINT OF TREE.
TIGHTEN #10 GUY WIRE BY TWISTING. PROTECT BRANCHES
FROM TOUCHING WIRE. ALLOW A SLIGHT SAG FOR SWAY.

SCARIFY SIDES OF PLANTING PIT. BACKFILL WITH AMENDED



MIN. 1/2 MATURE SHRUB WIDTH

24" MIN. CLEAR

SPECIFIED -

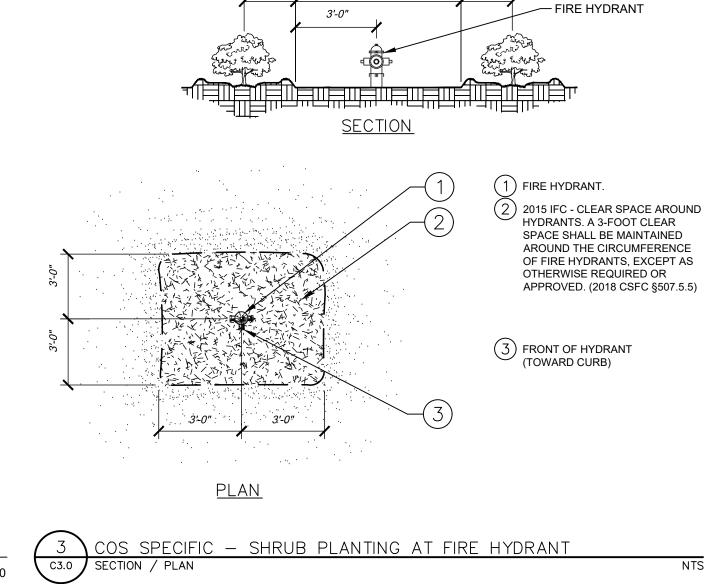
MULCH

1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.

A DEPTH OF 3" (MIN.)

2. INSTALL SPECIFIED MULCH: 24" MIN. FROM BUILDING. SPECIFIED MULCH TO BE INSTALLED AT

PLANTINGS ADJACENT TO BUILDINGS



MIN. 6' CLEAR

MIN. ½ MATURE

SHRUB WIDTH

SHADED UNTIL PLANTING

PLANT PERENNIALS AND GROUNDCOVER LEVEL AND AT

WHICH CONSISTS OF:

70 % TOPSOIL MIX

 15 % AGED MANURE 15% COMPOST

BACKFILL WITH PLANTING MIX

096-806.-032-29

GRADE

MIN.  $\frac{1}{2}$  MATURE

SHRUB WIDTH

SEE PLANS FOR SPACING ——

MIN. 12" DIAMETER

2. THE FINISH GRADES SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM WALLS AND BUILDINGS.

GRASS AND PERENNIAL PLANTING

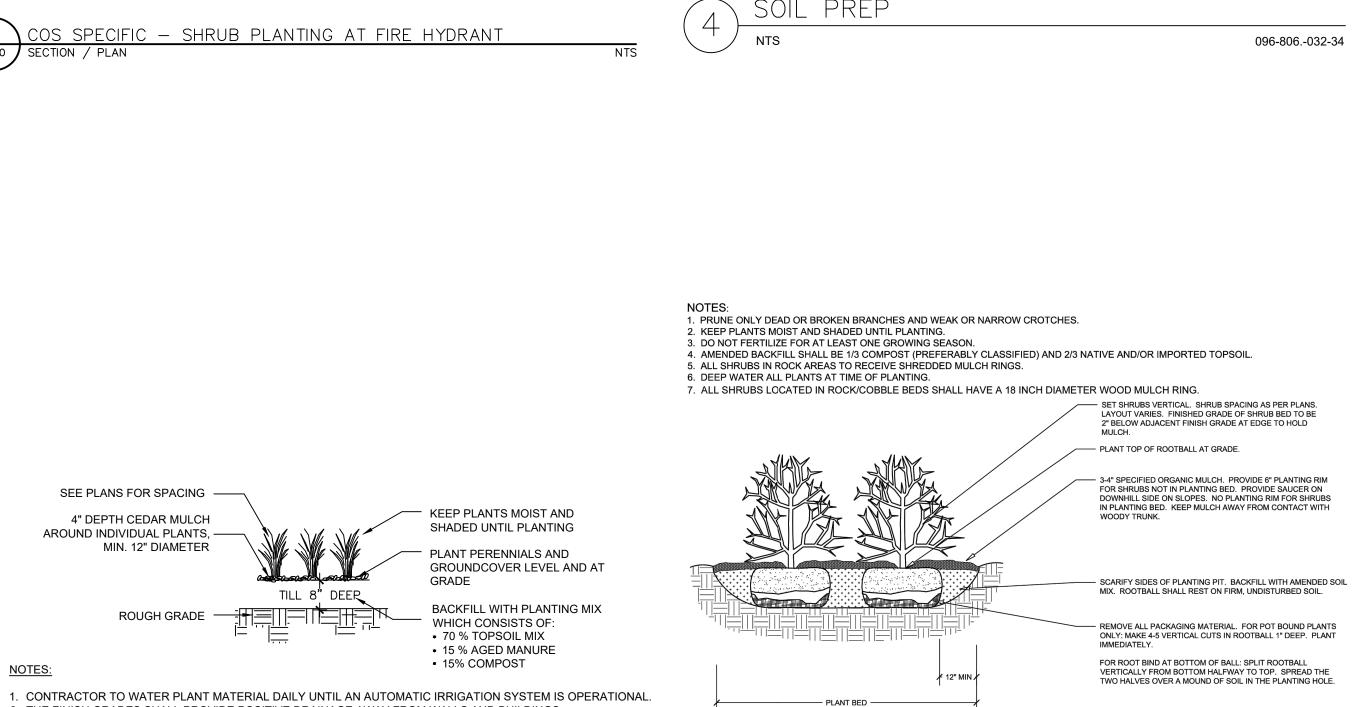
3. THE TILLING OF PLANTING BEDS AND PLACEMENT OF BACKFILL IS TO OCCUR JUST PRIOR TO PLANTING;

THEREAFTER, PROTECTION FROM COMPACTION AND CONSTRUCTION TRAFFIC SHOULD BE PROVIDED.

4" DEPTH CEDAR MULCH

AROUND INDIVIDUAL PLANTS, ——

096-806.-032-02



AMEND SOIL PER SOIL

AMENDMENTS NOTES -

**EVENLY SPREAD** 

TOPSOIL 4" DEEP

OF FERTILIZING

A SINGLE ROOT BALL.

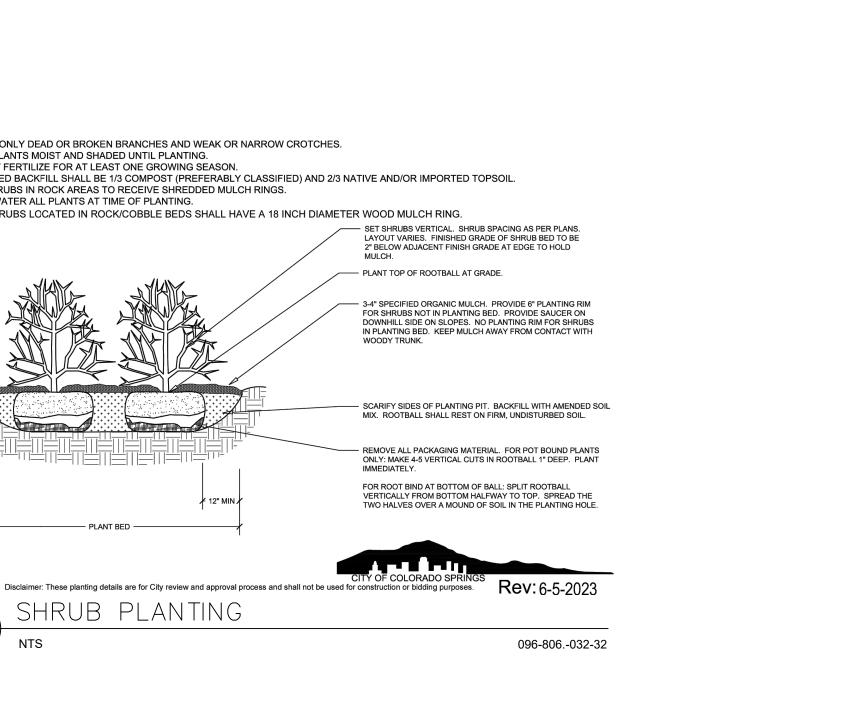
-|||-||| 12" DEEP

4. FROZEN MATERIALS OR MATERIALS GREATER THAN 1" DIA. SHOULD BE REMOVED.

. TOPSOIL TO CONSIST OF DARK, LIGHT LOAM SOIL FREE OF ROCKS, ROOTS, AND FOREIGN MATERIALS. 2. THE FERTILIZER APPLICATION SHOULD BE DELAYED IF PLANTING DOES NOT OCCUR WITHIN 2-3 DAYS

5. REFER TO SPECS FOR COMPLETE SOIL PREPARATION REQUIREMENTS.6. THE ROTO-TILLED PERIMETER SHOULD EXTEND TO A DISTANCE OF 1 FOOT BEYOND THE DIAMETER OF

3. COMPOST TO CONSIST OF 1 YEAR OLD ORGANIC MATERIAL AND SHOULD NOT INCLUDE CHICKEN



PROVIDE POSITIVE

DRAINAGE



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