



DEVELOPMENT FACILITATION TEAM (DFT) APPLICATIONS

Effective 11/16/2023

Please check the appropriate box(es) and ret time of application.	fer to supplemental	forms for submittal requiren	nents. All fees must be paid at the			
MISCELLANEOUS APPLICATION	NS	☐ Extension of Infrastructure Lis	st or IIA (Form S3)			
☐ Site Plan Administrative DFT (Forms SP & P2)		PR	E-APPLICATIONS			
☐ Final EPC Sign-off for Master Development/Site Pla	ans - EPC <i>(Form P2)</i>	☐ Sketch Plat Review and Comr	ment (Form S3)			
☐ Infrastructure List or Amendment to Infrastructure L	ist (Form S3)	☐ Sketch Plan Review and Com	nment (Form S3)			
☐ Temporary Deferral of S/W (Form S3)		APPEAL				
☐ Extension of IIA: Temp. Def. of S/W (Form S3)		☐ Decision of Site Plan Administ	trative DFT (Form A)			
BRIEF DESCRIPTION OF REQUEST						
APPLICATION INFORMATION						
Applicant/Owner:			Phone:			
Address:		_	Email:			
City:		State:	Zip:			
Professional/Agent (if any):			Phone:			
Address:		_	Email:			
City:		State:	Zip:			
Proprietary Interest in Site:		List <u>al</u> l owners:				
SITE INFORMATION (<u>Accuracy of the existing legal</u>	I description is crucia	I! Attach a separate sheet if nec	essary.)			
Lot or Tract No.:		Block:	Unit:			
Subdivision/Addition:	<u> </u>	MRGCD Map No.:	UPC Code:			
Zone Atlas Page(s):	Existing Zoning:		Proposed Zoning			
# of Existing Lots:	# of Proposed Lots:		Total Area of Site (Acres):			
LOCATION OF PROPERTY BY STREETS						
Site Address/Street:	Between:	and				
CASE HISTORY (List any current or prior project a	nd case number(s) tha	at may be relevant to your reque	est.)			
I certify that the information I have included here and	sent in the required not	tice was complete, true, and accur				
Signature:			Date:			
Printed Name:			☐ Applicant or ☐ Agent			

FORM P2 Page 1 of 3

FORM P2: SITE PLAN ADMINISTRATIVE – Development Facilitation Team (DFT) as of 12/25/2022 _ SITE PLAN ADMINISTRATIVE – DFT

A Single PDF file of the complete application including all documents being submitted must be emailed to PLNDRS@cabq.gov. Zipped files or those over 9 MB cannot be delivered via email, in which case the PDF must be provided to City Staff using other online resources such as Dropbox or FTP. The PDF shall be organized in the number order below. Divide the PDF with a title sheet for each of the three documentation sections in **bold** below.

		`UMF	

1) DFT Application form completed, signed, and dated
2) Form P2 with all the submittal items checked/marked
3) Form P with signatures from Hydrology, Transportation, and ABCWUA
4) Zone Atlas map with the entire site clearly outlined and labeled
5) Site Plan and related drawings (include a Site Plan key of the sheets submitted)
6) Copy of the original approved Site Plan or Master Development Plan (for amendments to or Extensions of the Site Plan)
7) Infrastructure List, if required for building of public infrastructure
8) Sensitive Lands Site Analysis for new site design in accordance with IDO Section 5-2(C) (The Sensitive Lands Site Analysis form can be obtained online at): https://documents.cabq.gov/planning/development-review-board/Sensitive_lands_analysis_form.pdf
9) Responses to climatic and geographic responsive design considerations (Recommended to promote sustainability, but not required. The Climatic and Geographic Responsiveness form can be obtained online at): https://documents.cabq.gov/planning/IDO/SubmittalFormIDO5-2(D)ClimaticGeographic Responsiveness.pdf
SUPPORTIVE DOCUMENTATION
10) Completed Site Plan Checklist
11) Letter of authorization from the property owner if application is submitted by an agent
12) Justification letter describing and justifying the request per the criteria in IDO Section 16-6-5(G)(3)
13) Explanation and justification of requested deviations, if any, in accordance with IDO Section 14 16-6-4(P). Note: If requesting more than allowed by deviation, a Variance – ZHE or Waiver –DHO will be required, as applicable
14) Sites 5 acres or greater: Archaeological Certificate in accordance with IDO Section 14-16-6-5(A) (not required for Extension)

15) Landfill disclosure statement per IDO Section 14-16-6-4(S)(5)(d)(2)(d) if site is within a designated landfill buffer zone __ 16) Architectural Review Committee approval letter if the site is located within a Master Development Plan area or a Framework Plan area **PUBLIC NOTICE DOCUMENTATION** ____ 17) Sign Posting Agreement _____ 18) Proof of a Pre-Submittal Neighborhood Meeting per IDO 6-4(C)(1)(b) for new building or multiple new buildings that include a total of more than 100 multi-family residential dwelling units or more than 50,000 square feet of non-residential development Office of Neighborhood Coordination neighborhood meeting inquiry response __ Proof of email with read receipt OR Certified Letter offering meeting to applicable associations __ Completed neighborhood meeting request form(s) If a meeting was requested or held, copy of sign-in sheet and meeting notes No respones 19) Required Content of Notice at Submittal per IDO Section 14-16-6-4(K)(1) (not required for an extension) Office of Neighborhood Coordination notice inquiry response ___ Completed notification form(s), proof of additional information provided in accordance with

Proof of emailed notice to affected Neighborhood Association representatives

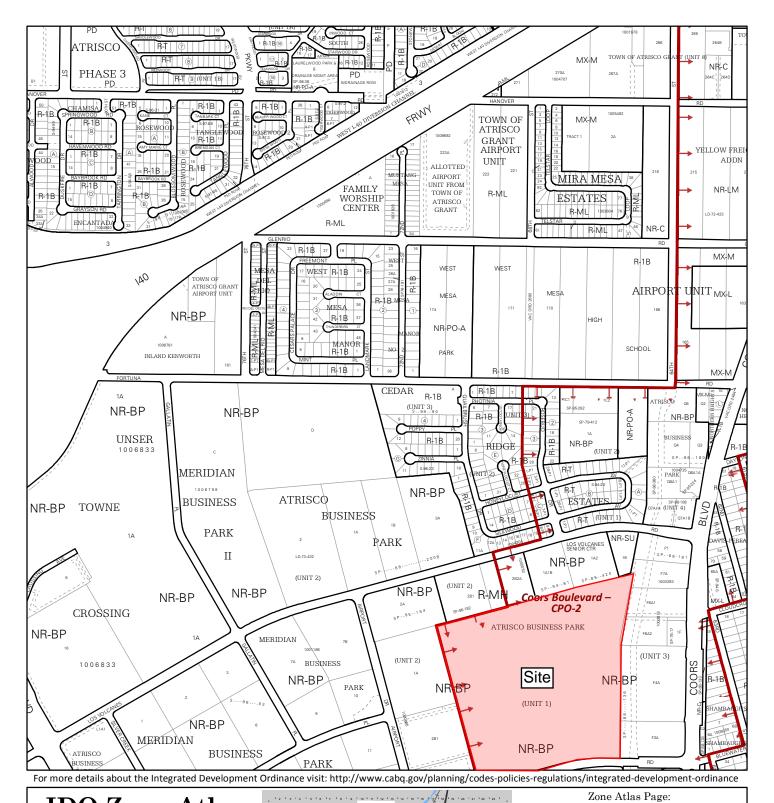
FORM P2

IDO Section 6-4(K)(1)(b)

Page 2 of 3

Legal Description & Location: Atrisco Buisness	Park Tract A Unit 1		
6625 Bluewater Road			
Request Description: Expansion of 90,000 gsf manu	facturing building and associated park	ing/drive aisles. Seeking DFT Site F	lan Approval
∀ <u>Hydrology:</u>			
 Sensitive Lands Analysis (5-2(C)) Grading and Drainage Plan AMAFCA Bernalillo County NMDOT MRGCD Kerie C. Brissette Hydrology Department 	Approved X Approved Approved Approved Approved Approved Approved D1/04/24 Date	NANANANANANANA	
□ <u>Transportation:</u>			
 Traffic Circulations Layout (TCL) Traffic Impact Study (TIS) Neighborhood Impact Analysis (NIA) Bernalillo County MRCOG NMDOT MRGCD Emest Omnijo Transportation Department 	X Approved X Approved Conditional on Approved Approved Approved Approved X Approved Approved Approved Minor comments Approved 1/30/2024 Date	NANANANANANANANA	
✓ <u>Albuquerque Bernalillo County Wate</u>		<u>A):</u>	
 Request for Availability submitted? Availability Statement/Serviceability Let Note: Commitment for service is require 			
ABCWUA ABCWUA	01/08/2024 Date		
Infrastructure Improvements Agreement (II Solid Waste Department Signature on the Fire Marshall Signature on the Plan		NA NA NA	

^{*} Prior to Final Site Plan approval submittals (include a copy of the recorded IIA)

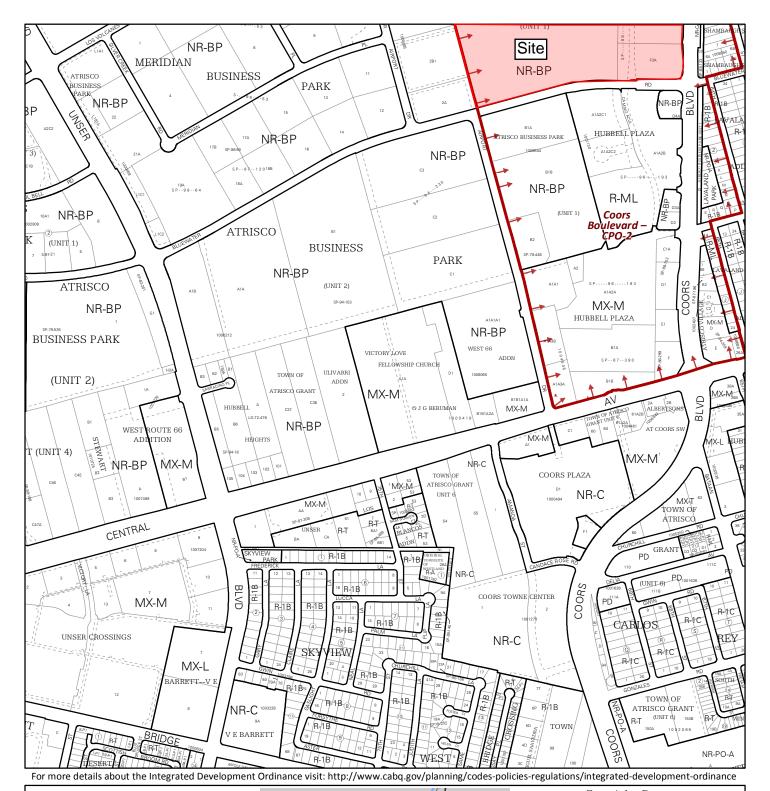


IDO Zone Atlas J-10-Z May 2018 Escarpment Easement)Petroglyph National Monument Areas Outside of City Limits Airport Protection Overlay (APO) Zone Character Protection Overlay (CPO) Zone Historic Protection Overlay (HPO) Zone IDO Zoning information as of May 17, 2018 **Gray Shading** View Protection Overlay (VPO) Zone The Zone Districts and Overlay Zones Represents Area Outside are established by the **∃** Feet of the City Limits

250

1,000

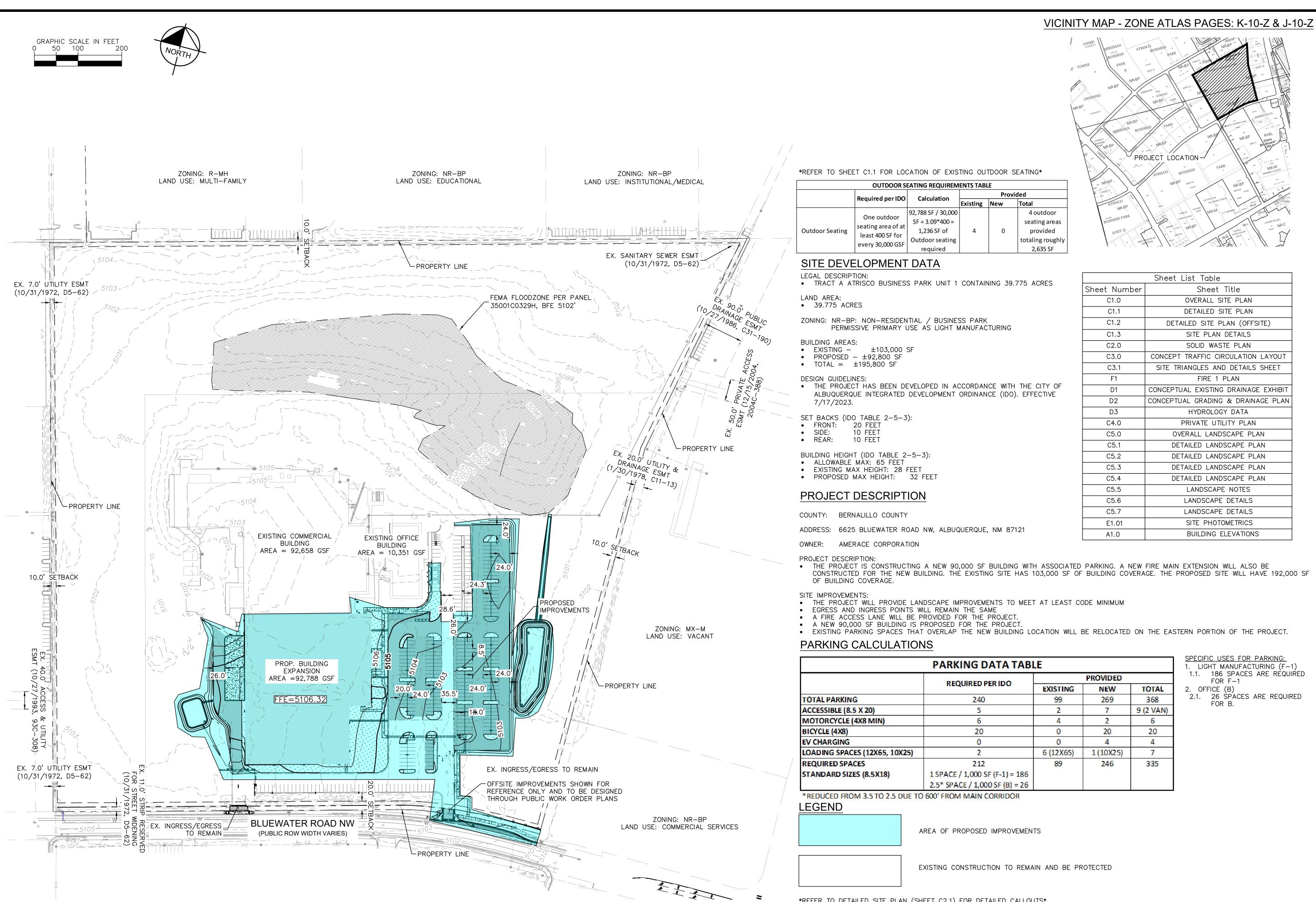
Integrated Development Ordinance (IDO).



Zone Atlas Page: **IDO Zone Atlas** K-10-ZMay 2018 Escarpment Easement Petroglyph National Monument Areas Outside of City Limits Airport Protection Overlay (APO) Zone Character Protection Overlay (CPO) Zone Historic Protection Overlay (HPO) Zone IDO Zoning information as of May 17, 2018 **Gray Shading** View Protection Overlay (VPO) Zone The Zone Districts and Overlay Zones Represents Area Outside are established by the Feet = of the City Limits Integrated Development Ordinance (IDO). 250 1,000



PROPOSED SITE PLAN SET



PROJECT LOCATION-

	Required per IDO Calculation Provided					
	Required per 100	Calculation	Existing	New	Total	
Outdoor Seating	One outdoor seating area of at least 400 SF for every 30,000 GSF	92,788 SF / 30,000			4 outdoor	
			SF = 3.09*400 =			seating areas
		1,236 SF of	4	0	provided	
		Outdoor seating			totaling roughly	
		required			2,635 SF	

• THE PROJECT IS CONSTRUCTING A NEW 90,000 SF BUILDING WITH ASSOCIATED PARKING. A NEW FIRE MAIN EXTENSION WILL ALSO BE CONSTRUCTED FOR THE NEW BUILDING. THE EXISTING SITE HAS 103,000 SF OF BUILDING COVERAGE. THE PROPOSED SITE WILL HAVE 192,000 SF

THE PROJECT WILL PROVIDE LANDSCAPE IMPROVEMENTS TO MEET AT LEAST CODE MINIMUM

• EXISTING PARKING SPACES THAT OVERLAP THE NEW BUILDING LOCATION WILL BE RELOCATED ON THE EASTERN PORTION OF THE PROJECT.

PARKING DATA TABLE							
	DECUMPED DED IDO						
	REQUIRED PER IDO	EXISTING	NEW	TOTAL			
TOTAL PARKING	240	99	269	368			
ACCESSIBLE (8.5 X 20)	5	2	7	9 (2 VAN)			
MOTORCYCLE (4X8 MIN)	6	4	2	6			
BICYCLE (4X8)	20	0	20	20			
EV CHARGING	0	0	4	4			
LOADING SPACES (12X65, 10X25)	2	6 (12X65)	1 (10X25)	7			
REQUIRED SPACES	212	89	246	335			
STANDARD SIZES (8.5X18)	1 SPACE / 1,000 SF (F-1) = 186						
	2.5* SPACE / 1,000 SF (B) = 26						

EXISTING CONSTRUCTION TO REMAIN AND BE PROTECTED

REFER TO DETAILED SITE PLAN (SHEET C2.1) FOR DETAILED CALLOUTS

Sheet Number Sheet Title OVERALL SITE PLAN C1.0 C1.1 DETAILED SITE PLAN DETAILED SITE PLAN (OFFSITE) C1.2 C1.3 SITE PLAN DETAILS C2.0 SOLID WASTE PLAN C3.0 CONCEPT TRAFFIC CIRCULATION LAYOUT C3.1 SITE TRIANGLES AND DETAILS SHEET F1 FIRE 1 PLAN D1 CONCEPTUAL EXISTING DRAINAGE EXHIBIT CONCEPTUAL GRADING & DRAINAGE PLAN D2 D3 HYDROLOGY DATA C4.0 PRIVATE UTILITY PLAN C5.0 OVERALL LANDSCAPE PLAN C5.1 DETAILED LANDSCAPE PLAN C5.2 DETAILED LANDSCAPE PLAN DETAILED LANDSCAPE PLAN C5.3 C5.4 DETAILED LANDSCAPE PLAN C5.5 LANDSCAPE NOTES C5.6 LANDSCAPE DETAILS C5.7 LANDSCAPE DETAILS SITE PHOTOMETRICS E1.01 A1.0 BUILDING ELEVATIONS

Sheet List Table

SPECIFIC USES FOR PARKING: 1. LIGHT MANUFACTURING (F-1) 1.1. 186 SPACES ARE RÈQUIRED FOR F-1

2.1. 26 SPACES ARE REQUIRED

2. OFFICE (B)

FOR B.

27565 2/26/2024 ONAL

ROAD NW
- DFT
TE PLAN

6625 BLUEWATER F SITE PLAN -OVERALL SITE

DDITIO

ABB

DESIGNED BY: ME

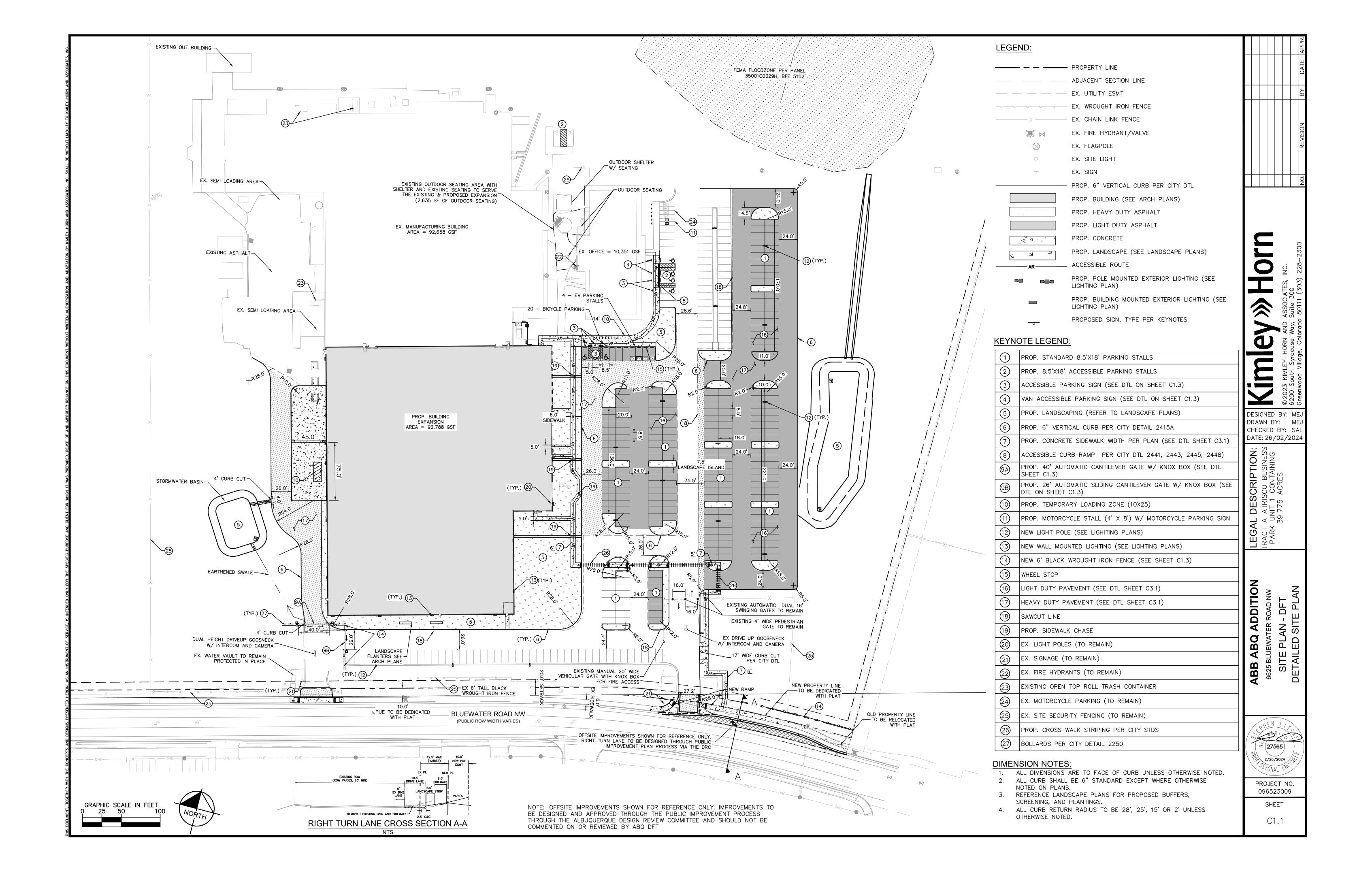
DRAWN BY: ME CHECKED BY: SA

DATE: 26/02/2024

AL DESCRIPTION
T A ATRISCO BUSINES
RK UNIT 1 CONTAINING
39.775 ACRES

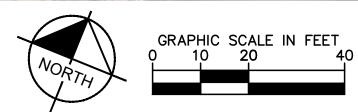
PROJECT NO. 096523009 SHEET

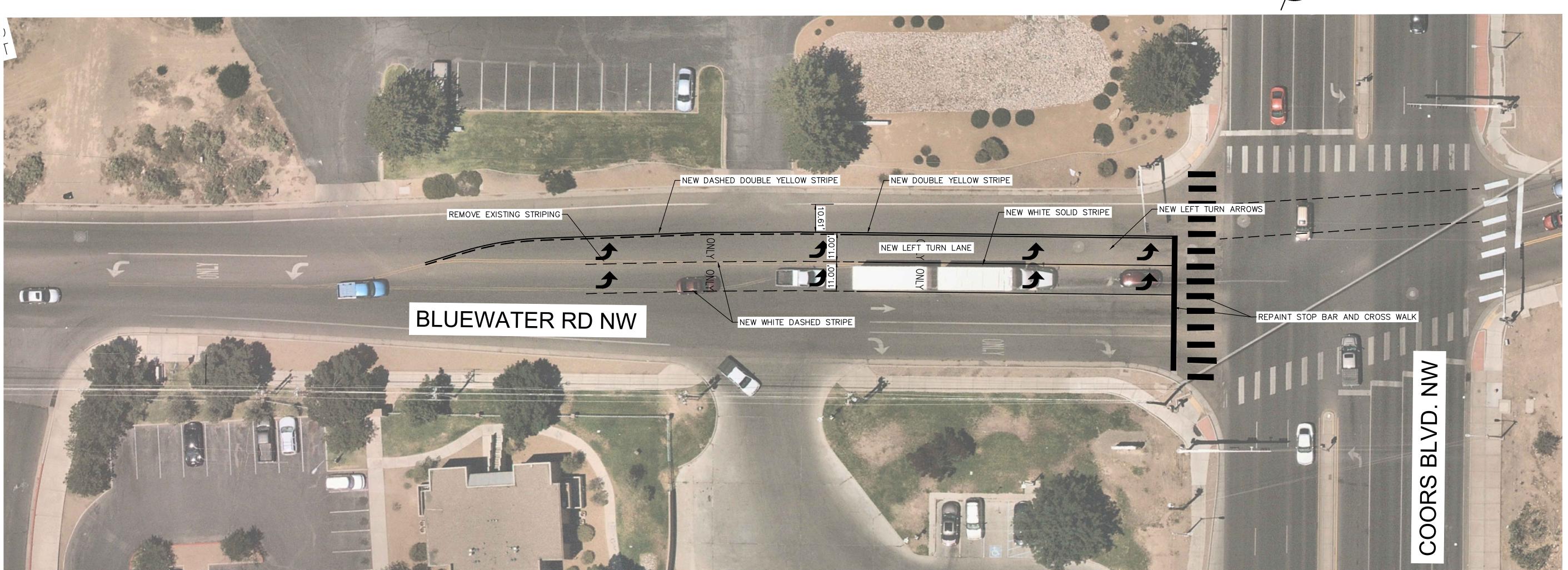
C1.0





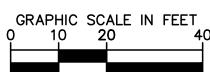
WBL BLUEWATER ROAD NW & UNSER BLVD NW NW LEFT TURN STRIPING





EBL BLUEWATER ROAD NW & COORS BLVD NW LEFT TURN STRIPING *FOR REFERENCE ONLY*





NOTE: OFFSITE IMPROVEMENTS SHOWN FOR REFERENCE ONLY. IMPROVEMENTS TO BE DESIGNED AND APPROVED THROUGH THE PUBLIC IMPROVEMENT PROCESS THROUGH THE ALBUQUERQUE DESIGN REVIEW COMMITTEE AND SHOULD NOT BE COMMENTED ON OR REVIEWED BY ABQ DFT

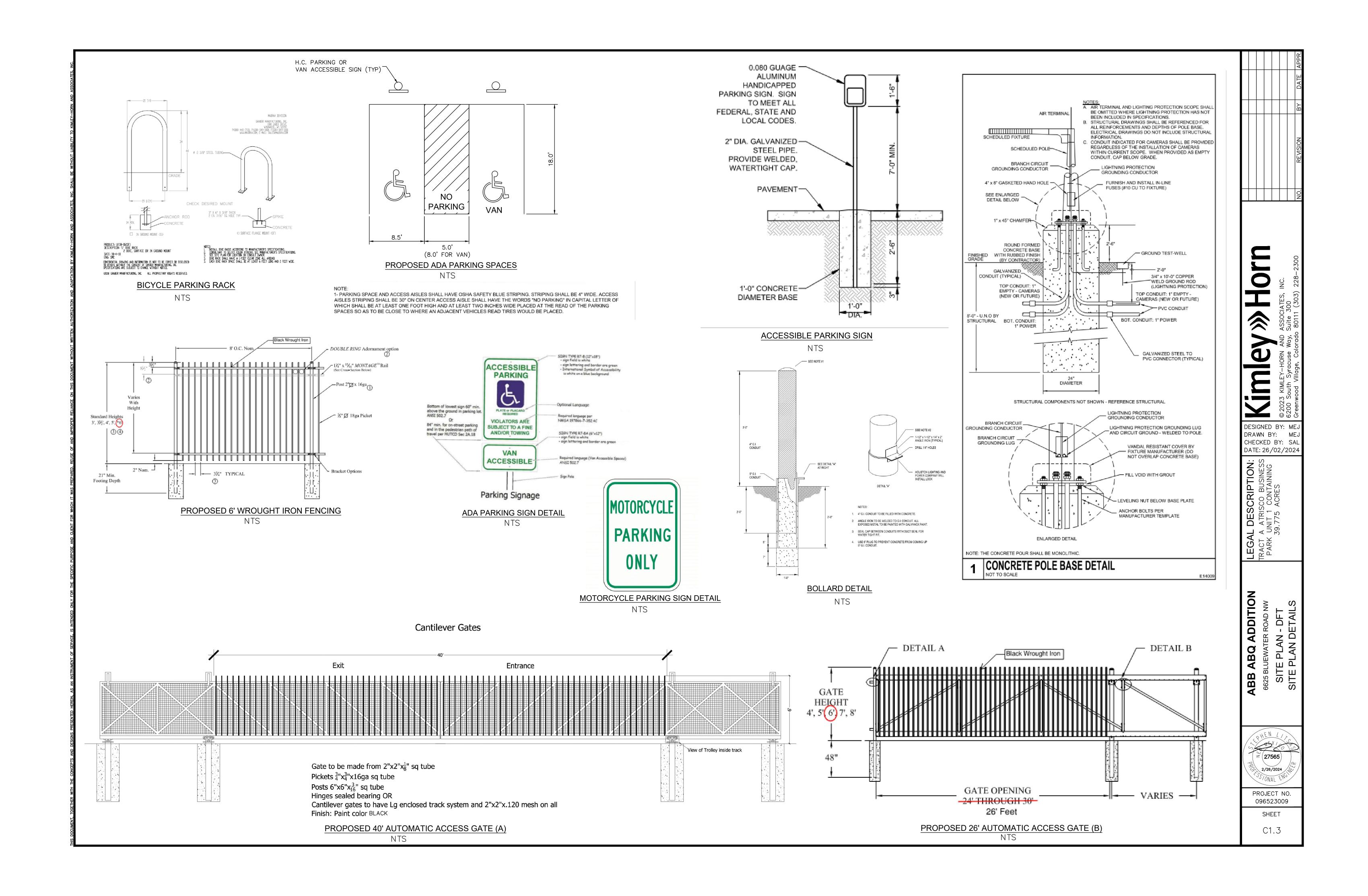
DESIGNED BY: ME DRAWN BY: ME CHECKED BY: SAL DATE: 26/02/2024

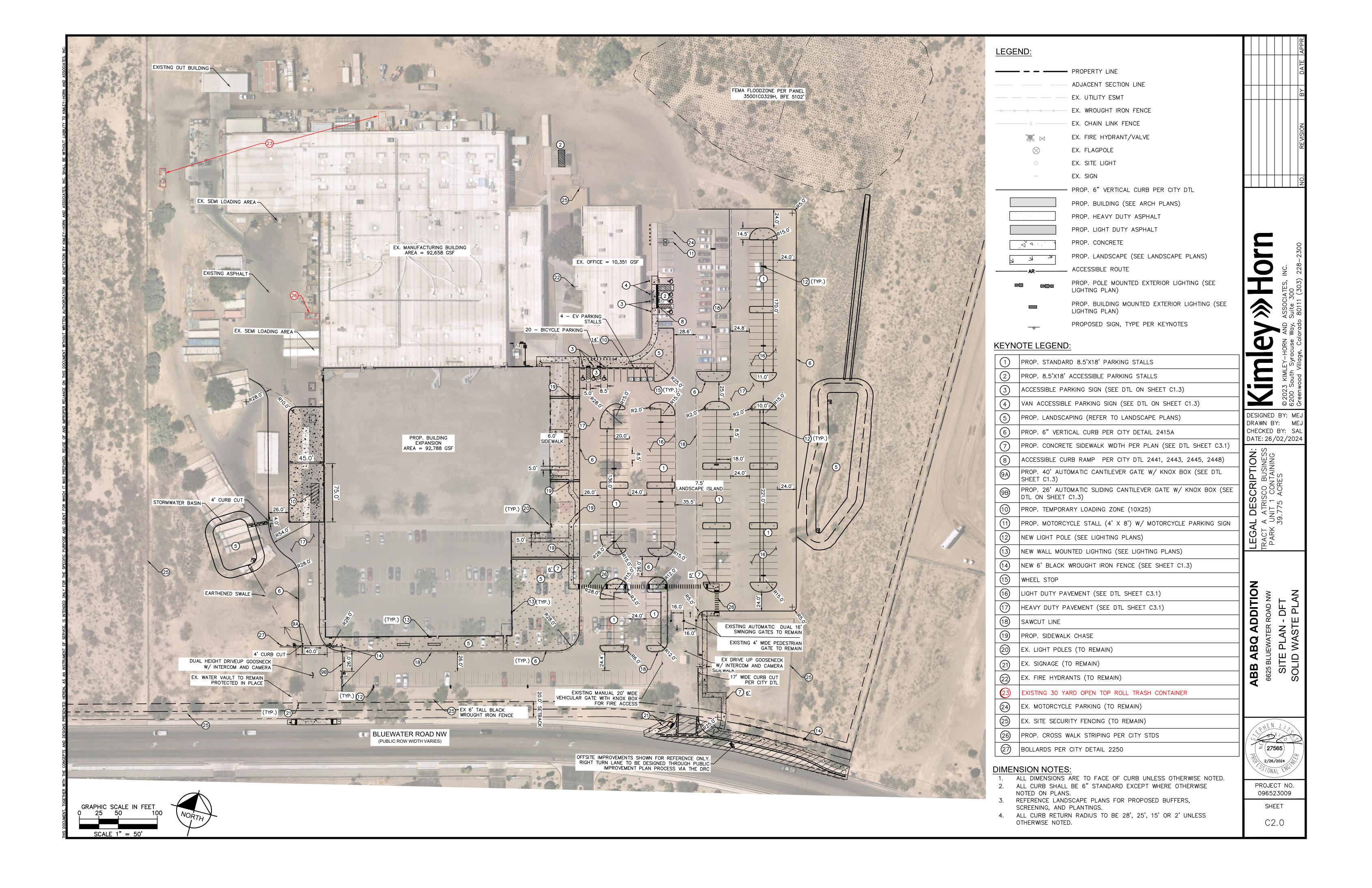
ABB ABQ ADDITION

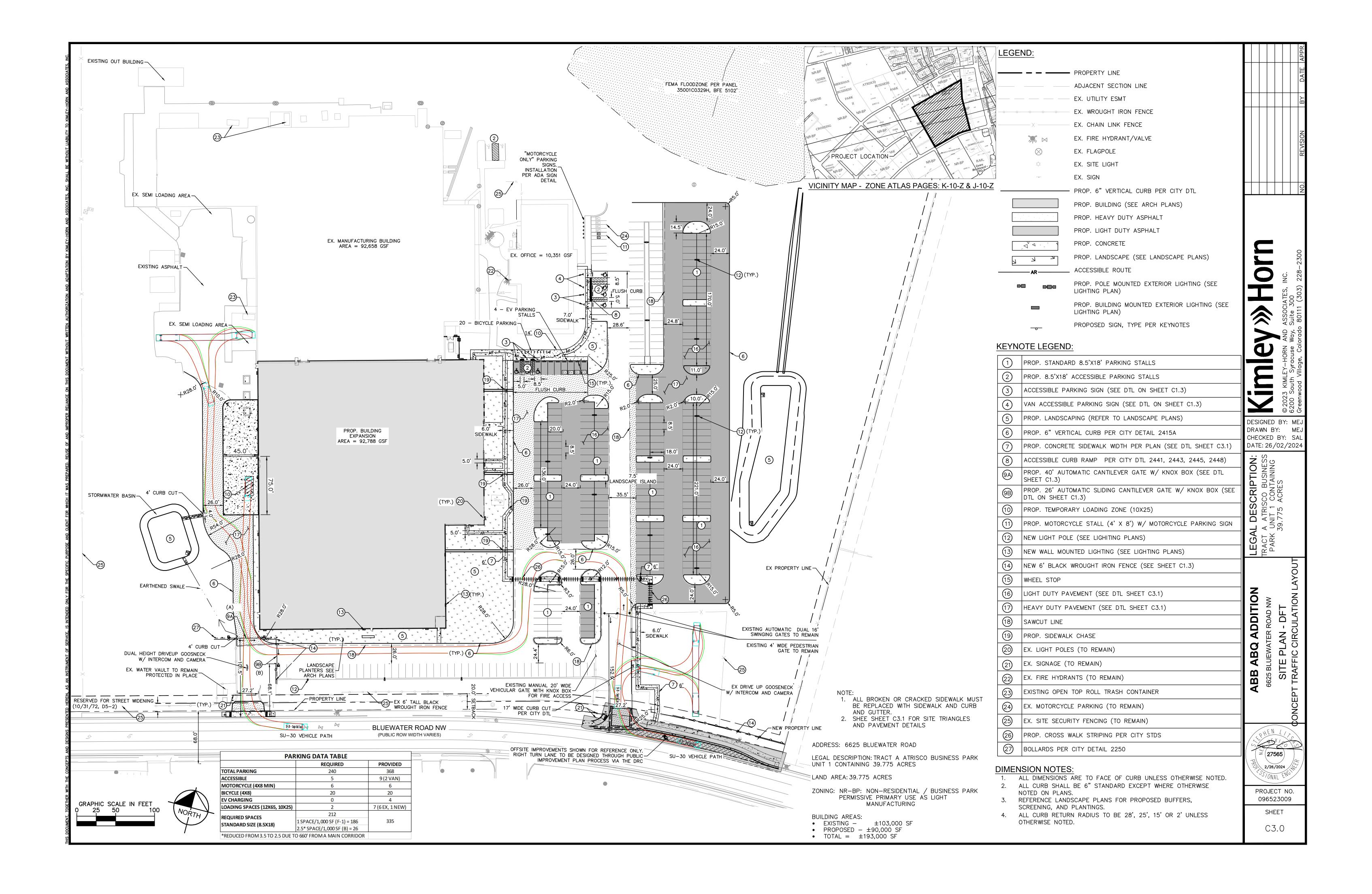
≥ (**27565**) 2/26/2024

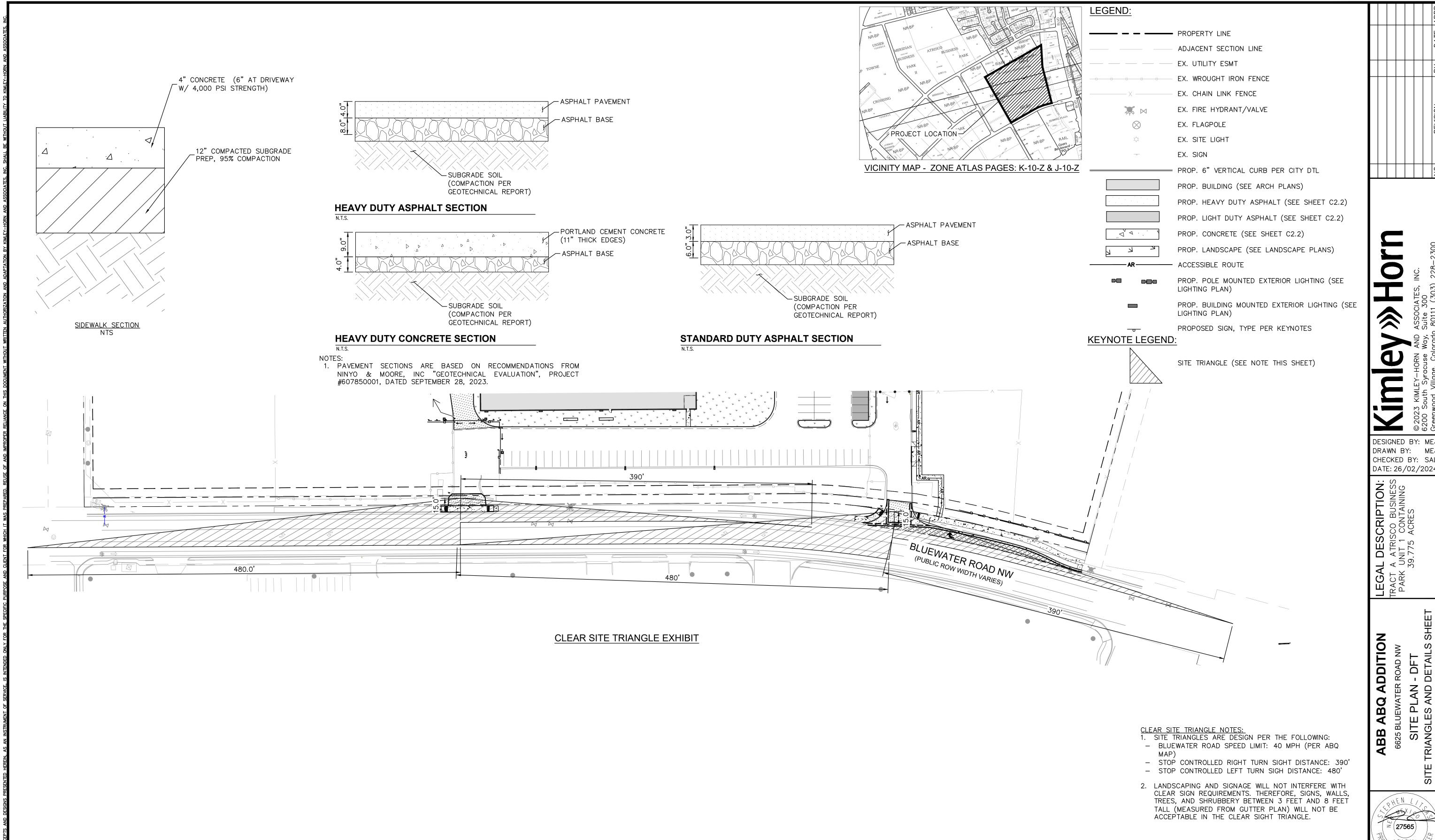
PROJECT NO. 096523009 SHEET

C1.2







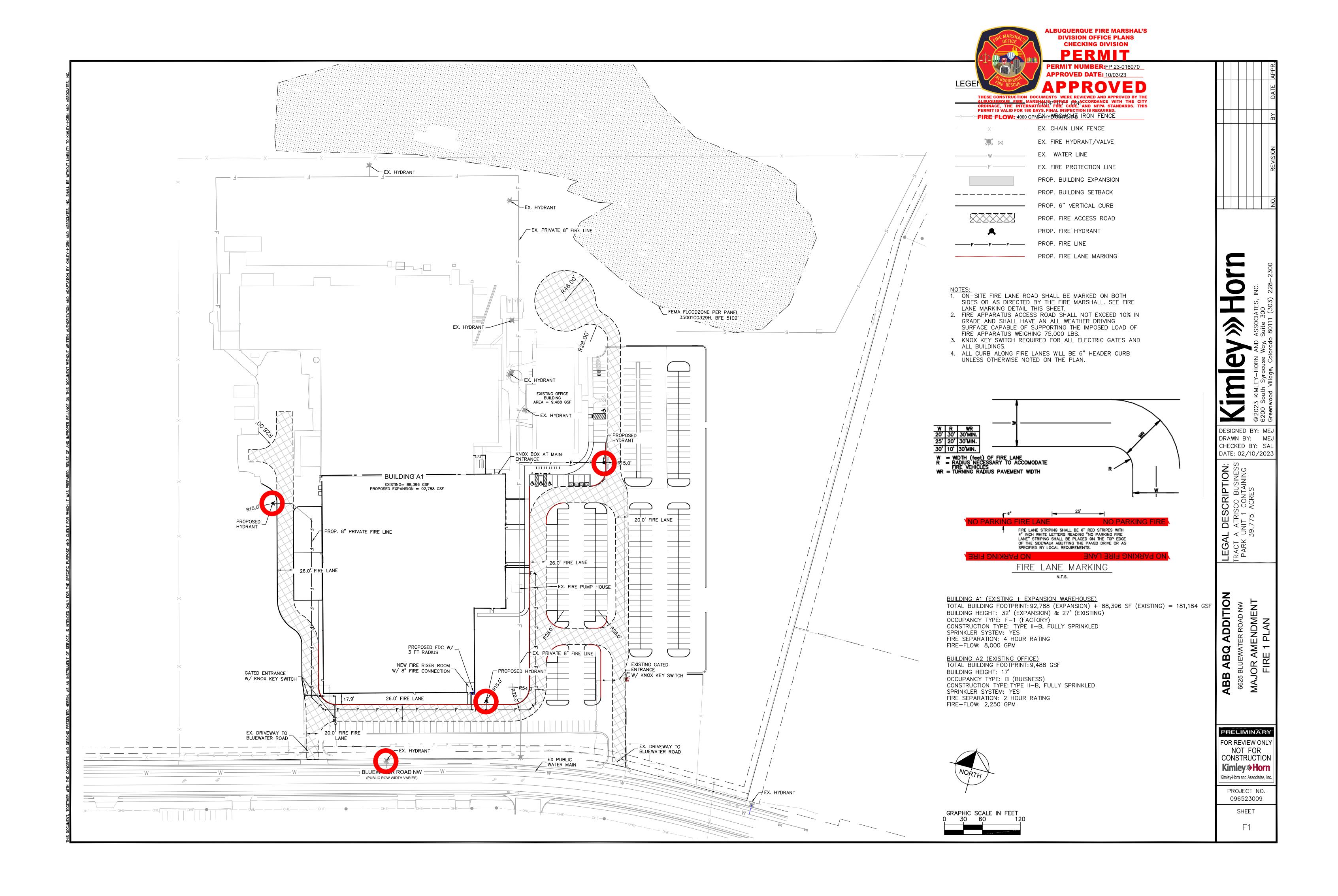


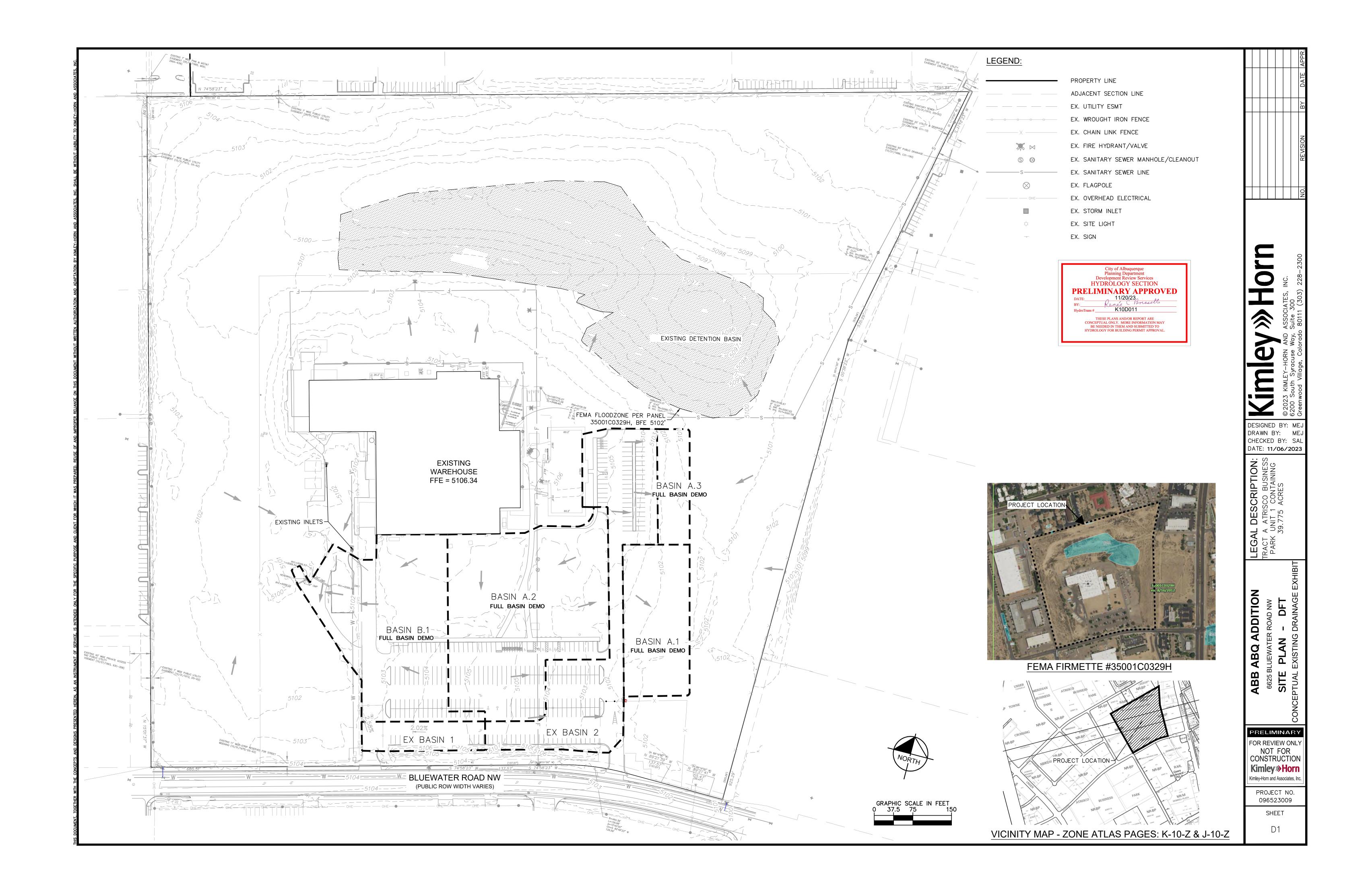
GRAPHIC SCALE IN FEET 0 25 50 10

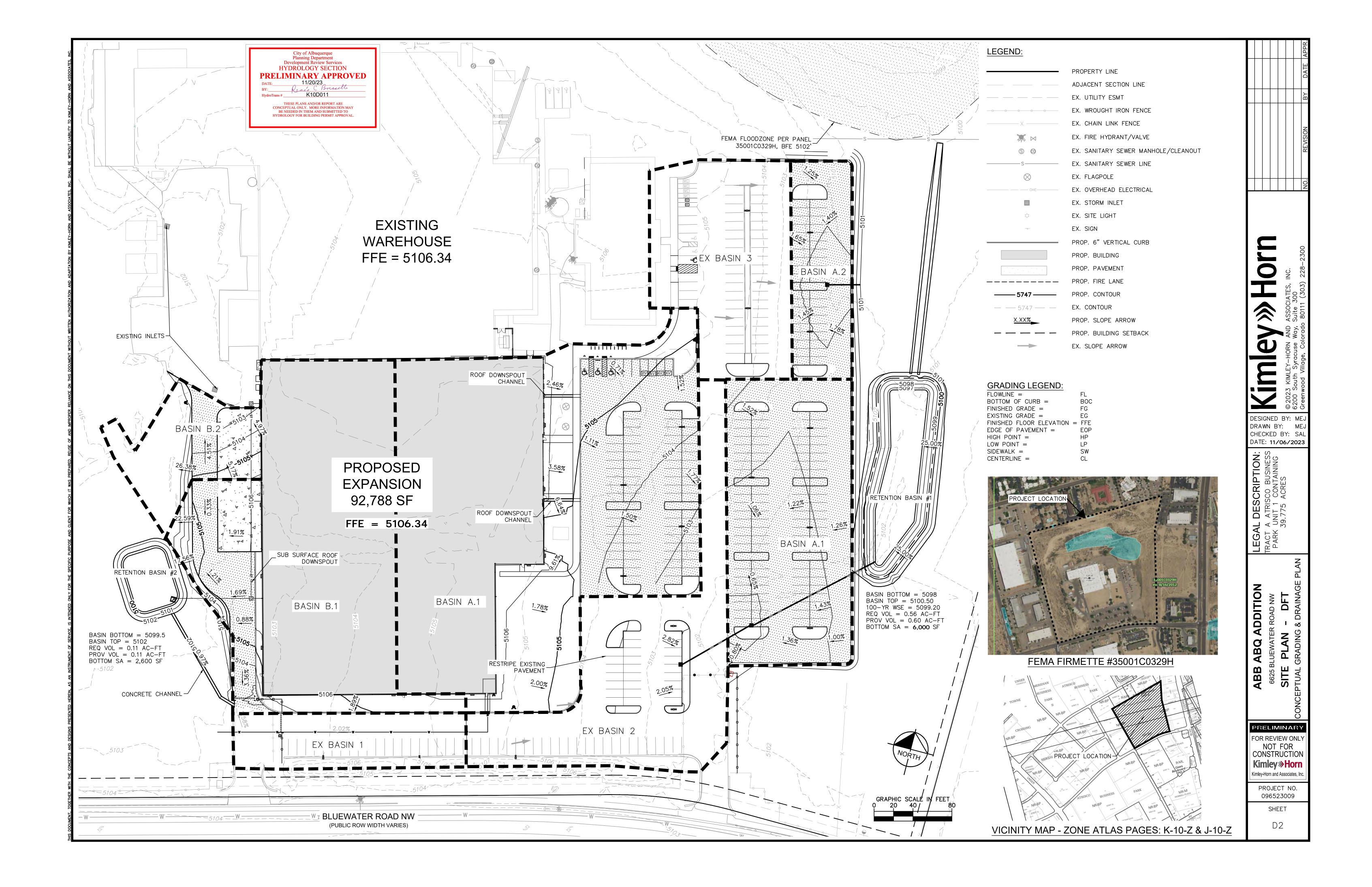
27565 2/26/2024 STONAL

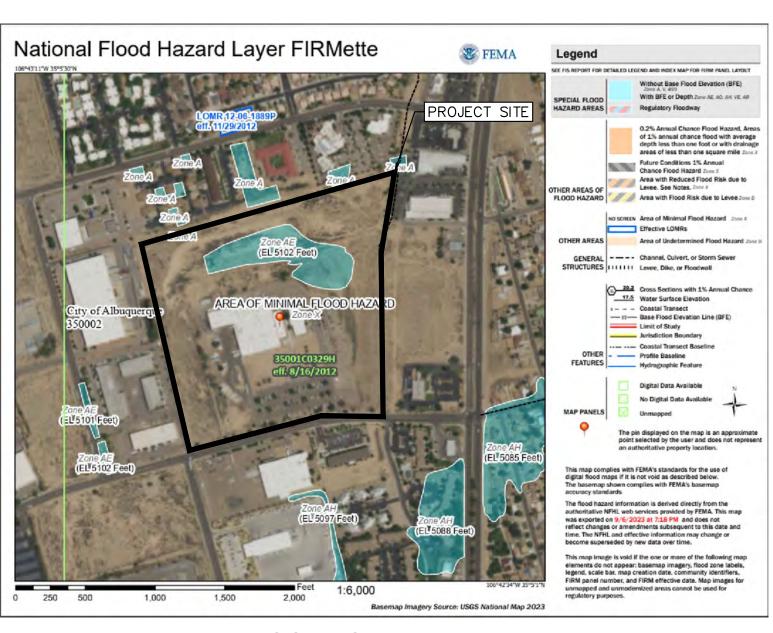
PROJECT NO. 096523009 SHEET

C3.1

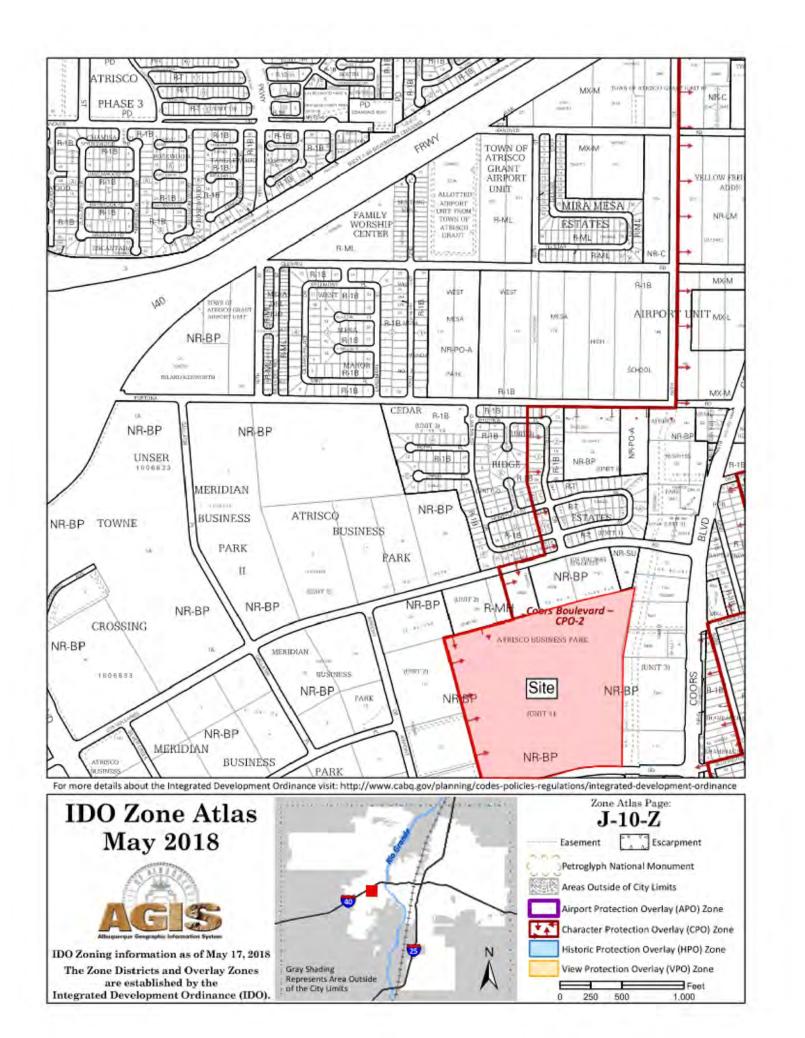








FLOOD ZONE MAP
FIRM PANEL: 35001C0329H



ZONING MAP

J-10-Z

DRAINAGE REPORT

SITE LOCATION

THE PROPOSED PROJECT IS LOCATED ON APPROXIMATELY A 37.97-ACRE SITE. THE SITE IS 800 FEET WEST FROM W COORS BLVD

EXISTING CONDITIONS

THE SITE IS PARTIALLY DEVELOPED WITH AN EXISTING APPROX. 90,000 GSF MANUFACTURING WAREHOUSE, ADMINISTRATIVE OFFICE, PAVED AND GRAVEL PARKING LOT, LANDSCAPED OPEN SPACE AND PATHWAYS. THERE IS AN EXISTING AE FLOODZONE ONSITE WITH A BFE OF 5102. SITE RUNOFF IS CURRENTLY CONVEYED TO THE EXISTING FLOODZONE WHICH SERVES AS A RETENTION BASIN. SURFACE RUNF FOO FLOWS AND CONCENTRATED FLOWS TO THE RETENTION BASIN. THE EXISTING RETENTION BASIN AND FLOODZONE WILL REMAIN UNTOUCHED.

PROPOSED CONDITIONS

THE PROPOSED PROJECT WILL RESULT IN A NEW 90,000 GSF WAREHOUSE AND NEW PORTIONS OF PAVED PARKING. AREAS OF EXISTING PAVEMENT AND DEVELOPED LAWN AREA WILL BE REPLACED WITH THE NEW BUILDING FOOTPRINT. THE NEW PAVED PARKING AREAS WILL REPLACE LOCATIONS OF EXISTING LAWN AND GRAVEL SURFACES. THE PROJECT WILL PRODUCE A NET INCREASE OF IMPERVIOUS AREA ASSOCIATED WITH THE EXPANSION. RUNOFF WILL SHEET FLOW EAST OR WEST WHERE IT WILL FOLLOW HISTORIC DRAINAGE PATTERNS. TWO NEW WATER HARVESTING BASINS (RETENTION BASIN #1 AND #2) ARE PROPOSED TO DETAIN THE NET INCREASE OF REQUIRED 100—YEAR 10—DAY DETENTION VOLUME AS TO NOT INCREASE THE VOLUME OF WATER TRIBUTARY TO THE EXISTING RETENTION BASIN/FLOODZONE. FLOWS EXCEEDING THE NEW RETENTION POND STORAGE VOLUME WILL BYPASS THE BASIN AND CONTINUE TO THE EXISTING RETENTION POND. FLOWS WILL INFILTRATE INTO NATIVE SOILS PER THE 2020 DPM PERCOLATION RATES.

CONCLUSIONS

WHEN DEVELOPED AS INDICATED ON THE GRADING AND DRAINAGE PLAN, THE INCREASE RUNOFF FROM THE SITE IS ESTIMATED AT 4.04 CFS. THE NET INCREASE WILL RESULT IN APPROXIMATELY 0.67 CU FT OF RETENTION VOLUME FOR THE 100—YEAR 10—DAY VOLUME. BASIN #1 WILL PROVIDE VOLUME FOR 0.56 AC—FT OF 100—YEAR 10—DAY STORAGE, AND BASIN #2 WILL PROVIDE 0.11 AC—FT OF STORAGE. BASIN BOTTOM SURFACE AREAS ARE DESIGNED SUCH THAT FLOWS WILL INFILTRATE IN THE 96 HOUR DRAIN TIME.

HYDROLOGY CALCULATIONS

BASIN #1		Land Treat	ment (Table 6	5.2.13)	Total Acerage	Ew	V(100-10day)	Q(100)
	А	В	С	D	(ac)	(in)	ac-ft	cfs
Existing Conditions	0	1.49	1.18	0.88	1.18	2.03	0.48	10.26
Proposed Conditions	0	0.5	0	3.05	3.05	1.18	1.04	13.65
DELTA					***		0.56	3.39

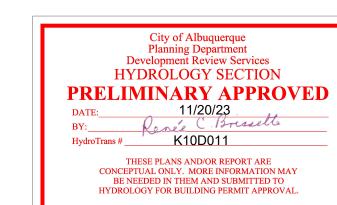
BASIN #2		Land Treatn	nent (Table	6.2.13)	Total Acerage	Ew	V(100-10day)	Q(100)
	А	В	C	D	(ac)	(in)	ac-ft	cfs
Existing Conditions	0	0.73	0	1.00	1.73	1.96	0.38	5.85
Proposed Conditions	0	0.32	0	1.41	1.73	1.60	0.49	6.50
DELTA							0.11	0.65

		Designation of the selection				
Pond	Volume	Percolation Rate*	Pond Bottom	Drain Time	Drain Time Check	
Polia	cf	inches/hr	Sq. Ft.	hr	96 Hour Max	
#1	24,394	0.83	6,000	59	Meets Required Drain Time	

Pond Volume 0.56 ac-ft

Drain Time Check	Retention Pond Drain Time							
	Drain Time	Pond Bottom	Percolation Rate*	Volume	Dand			
96 Hour Max	hr	Sq. Ft.	inches/hr	cf	Pond			
Meets Required Drain Time	27	2,600	0.83	4,792	#2			

Pond Volume 0.11 ac-ft



KIMIEY-HORN AND ASSOCIATES, INC. 3200 South Syracuse Way, Suite 300 Streenwood Village, Colorado 80111 (303) 228-2300

DESIGNED BY: MEST DRAWN BY: MEST CHECKED BY: SAL DATE: 11/06/2023

LEGAL DESCRIPTION: FRACT A ATRISCO BUSINESS PARK UNIT 1 CONTAINING 39.775 ACRES

ABB ABQ ADDITION
6625 BLUEWATER ROAD NW
SITE PLAN - DFT
HYDROLOGY DATA

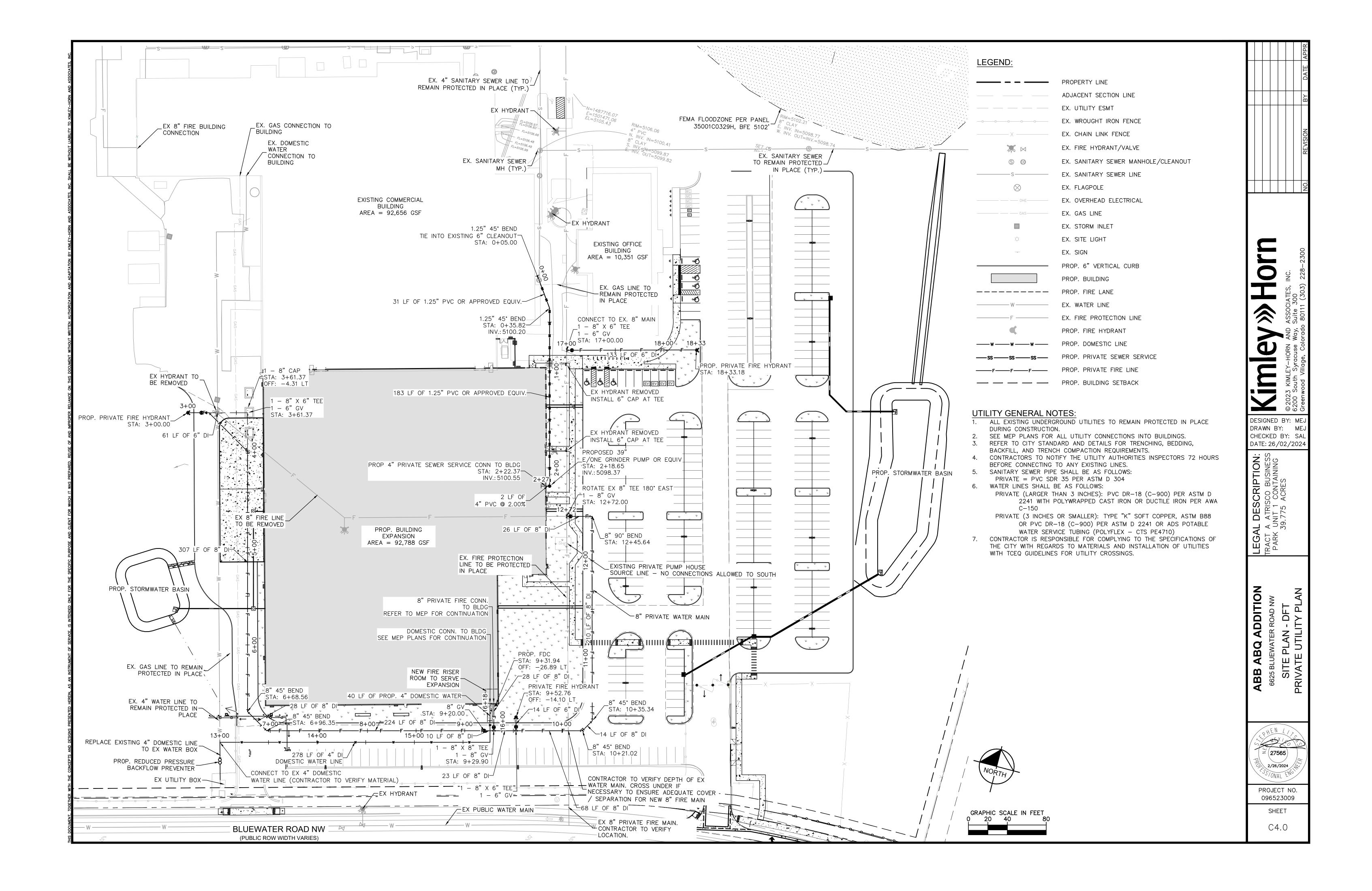
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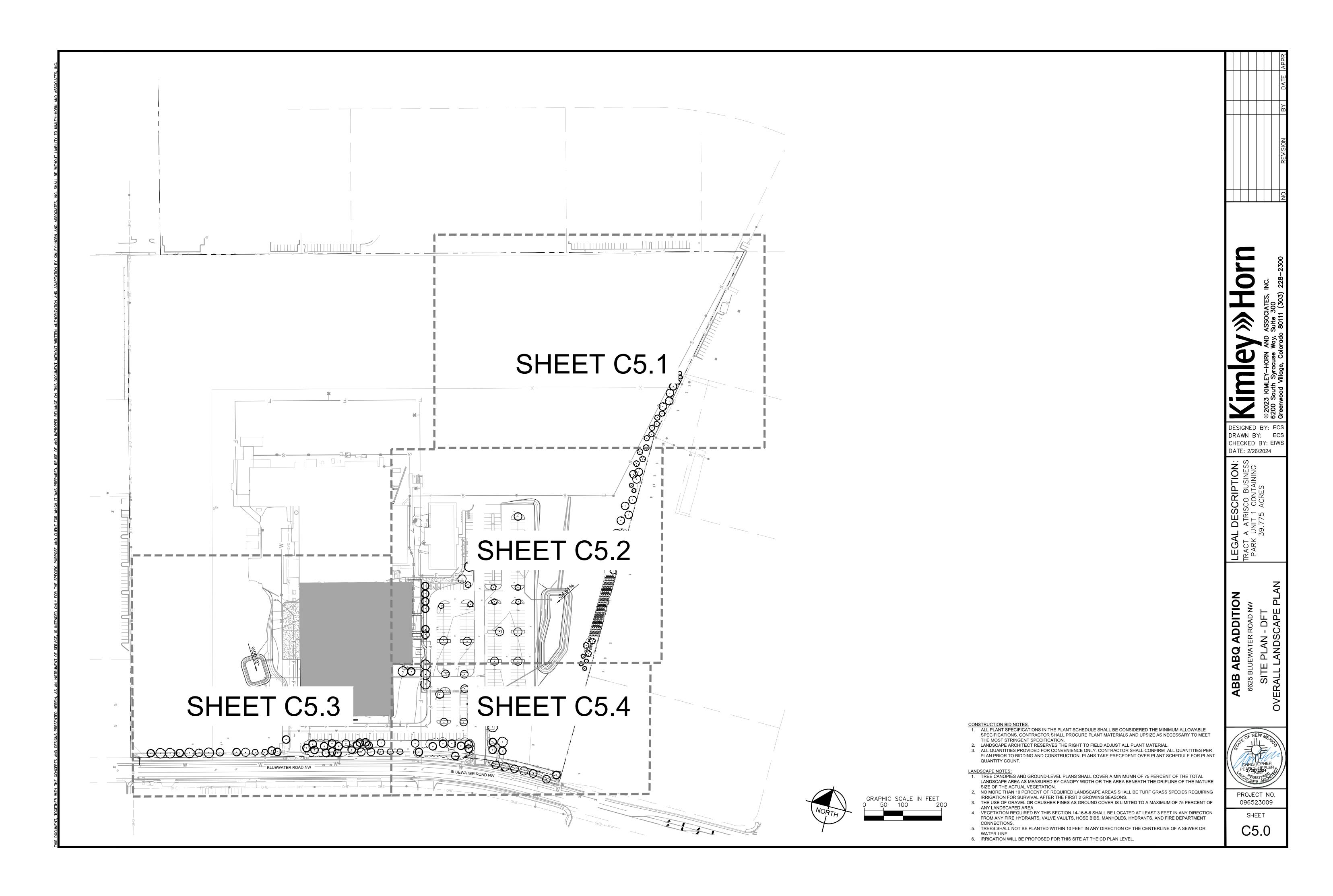
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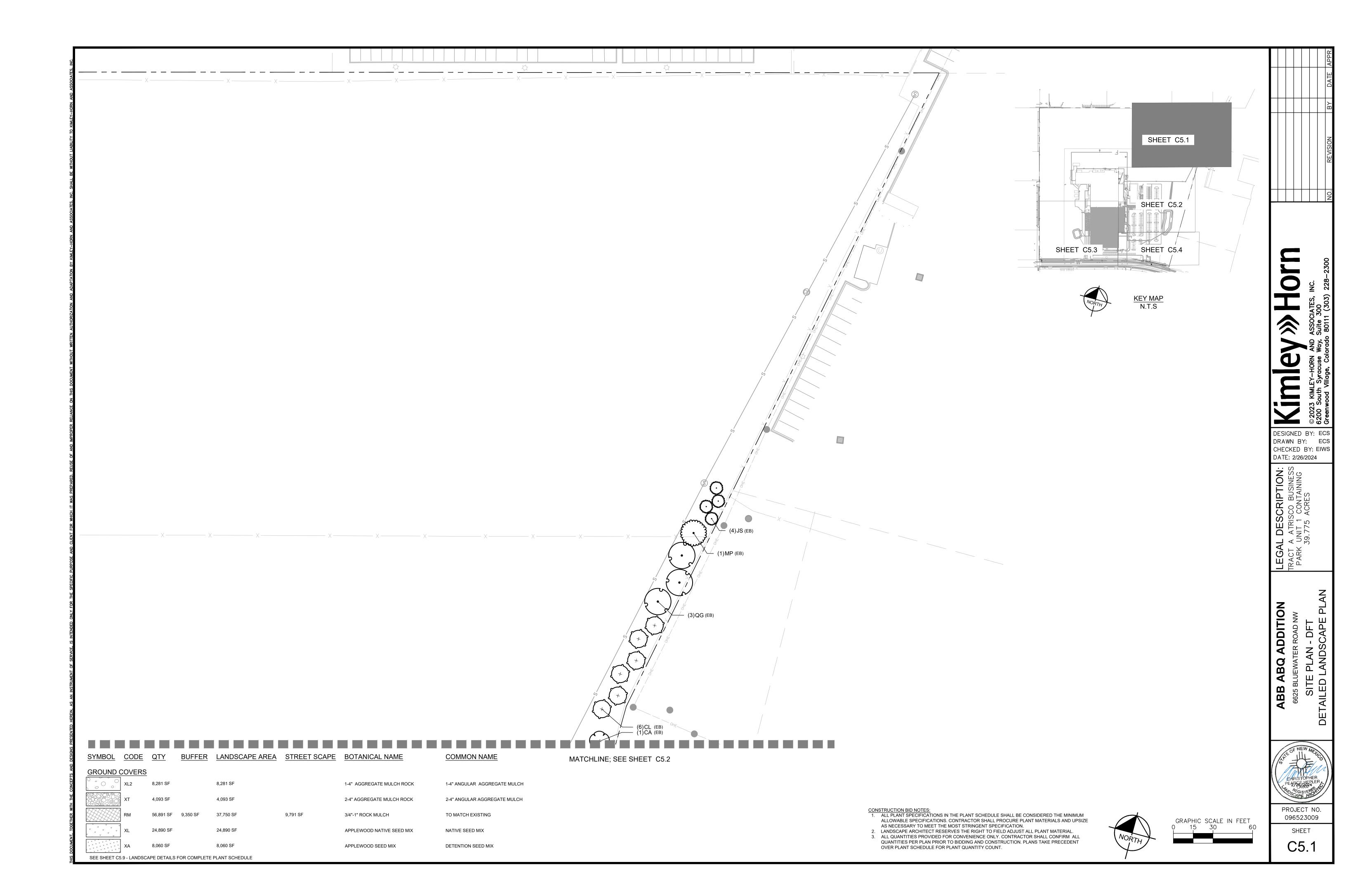
CONSTRUCTION
Kimley» Horn
Kimley-Horn and Associates, Inc
PROJECT NO.

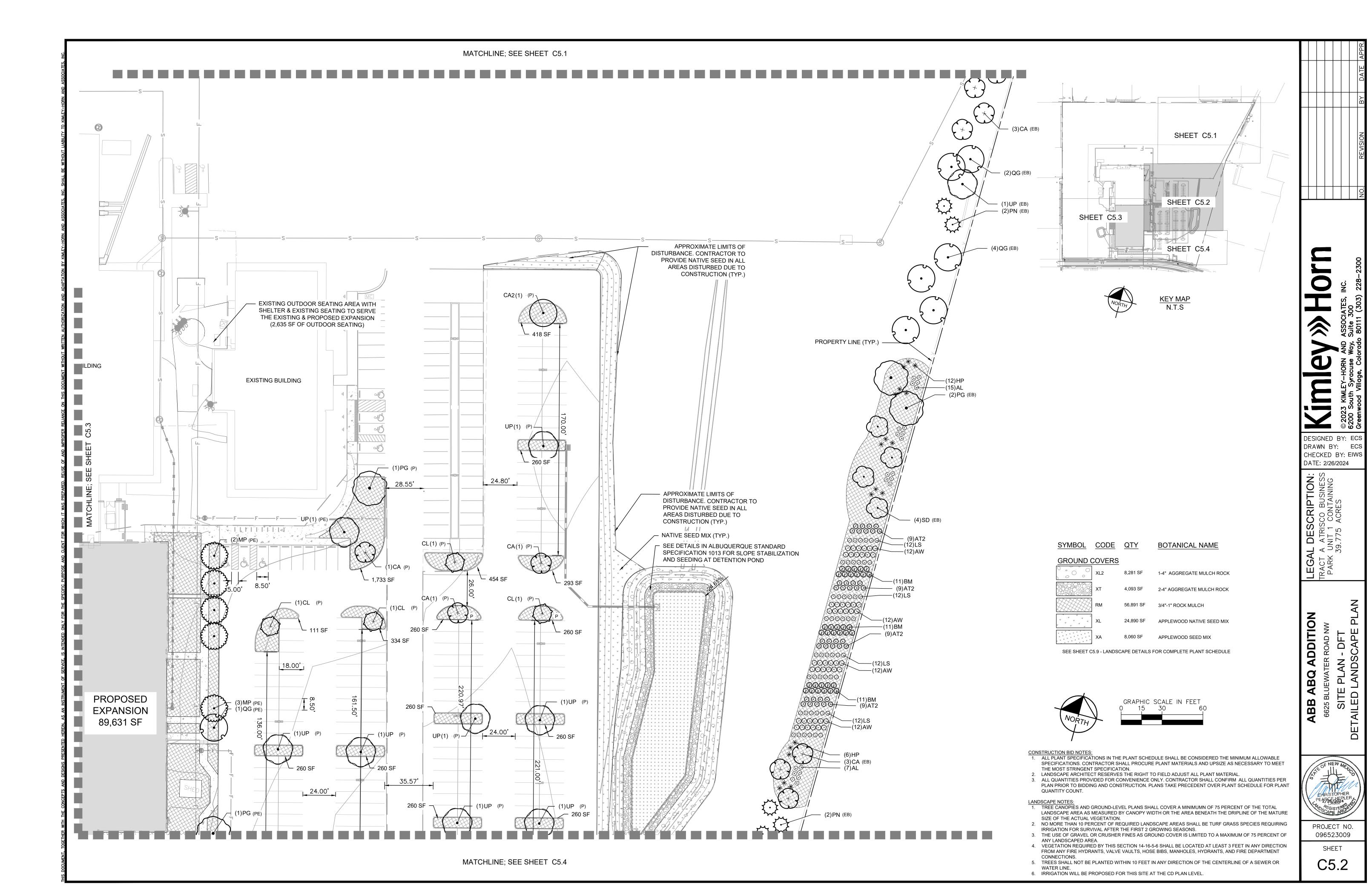
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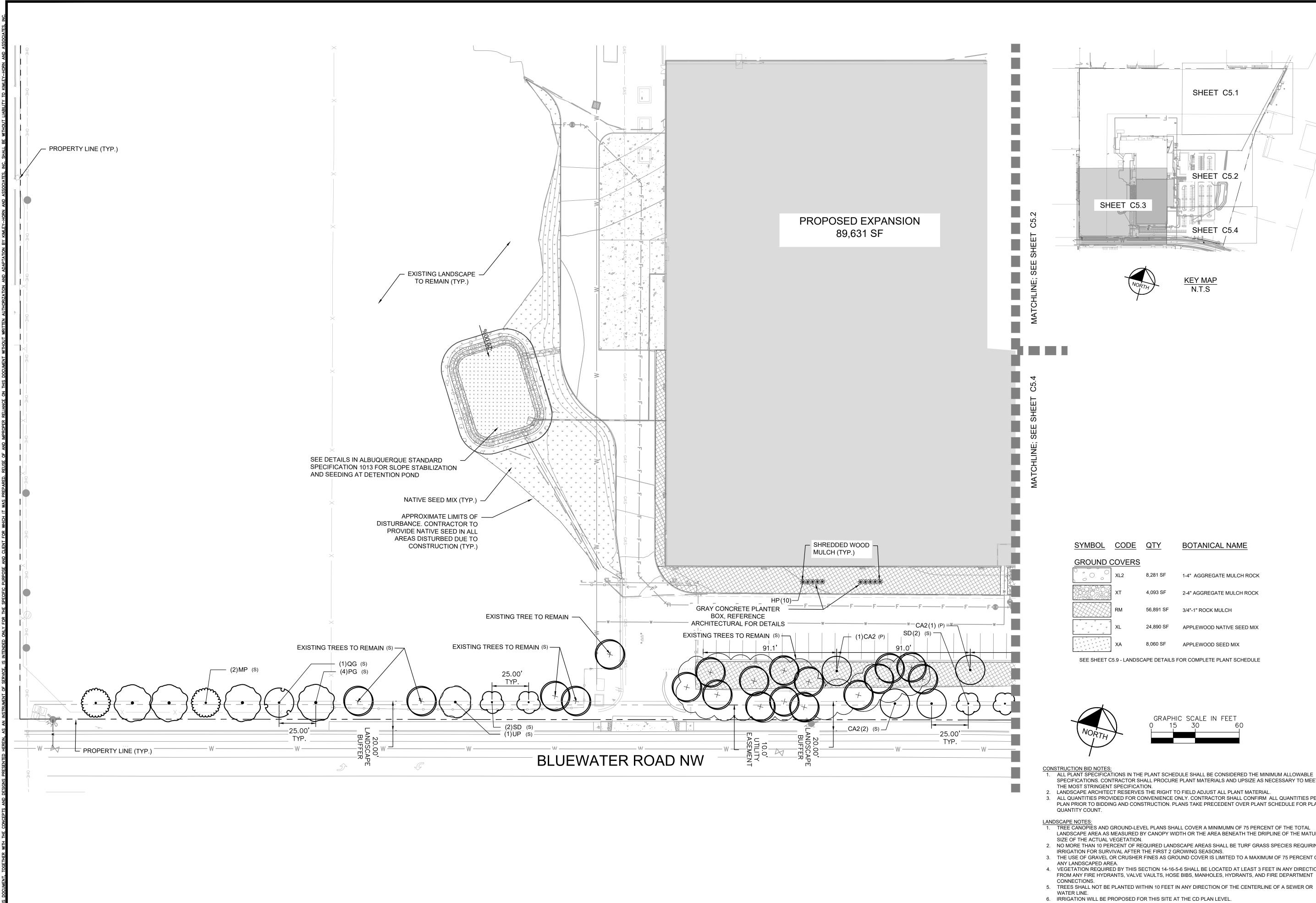
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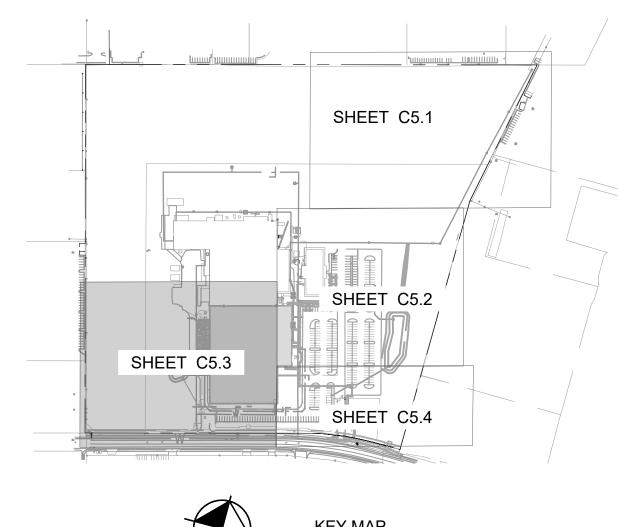










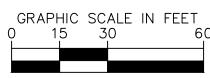


N.T.S

BOTANICAL NAME

XL2	8,281 SF	1-4" AGGREGATE MULCH ROCK
XT	4,093 SF	2-4" AGGREGATE MULCH ROCK
RM	56,891 SF	3/4"-1" ROCK MULCH
XL	24,890 SF	APPLEWOOD NATIVE SEED MIX
**************************************	8,060 SF	APPLEWOOD SEED MIX

SEE SHEET C5.9 - LANDSCAPE DETAILS FOR COMPLETE PLANT SCHEDULE



- CONSTRUCTION BID NOTES:

 1. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET
- THE MOST STRINGENT SPECIFICATION.

 2. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.

 3. ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION. PLANS TAKE PRECEDENT OVER PLANT SCHEDULE FOR PLANT
- LANDSCAPE NOTES:

 1. TREE CANOPIES AND GROUND-LEVEL PLANS SHALL COVER A MINIMUMN OF 75 PERCENT OF THE TOTAL LANDSCAPE AREA AS MEASURED BY CANOPY WIDTH OR THE AREA BENEATH THE DRIPLINE OF THE MATURE
- SIZE OF THE ACTUAL VEGETATION.

 2. NO MORE THAN 10 PERCENT OF REQUIRED LANDSCAPE AREAS SHALL BE TURF GRASS SPECIES REQUIRING IRRIGATION FOR SURVIVAL AFTER THE FIRST 2 GROWING SEASONS.
- 3. THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75 PERCENT OF
- 4. VEGETATION REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE LOCATED AT LEAST 3 FEET IN ANY DIRECTION FROM ANY FIRE HYDRANTS, VALVE VAULTS, HOSE BIBS, MANHOLES, HYDRANTS, AND FIRE DEPARTMENT

PEARCE HEPLER

PROJECT NO. 096523009

SHEET

O

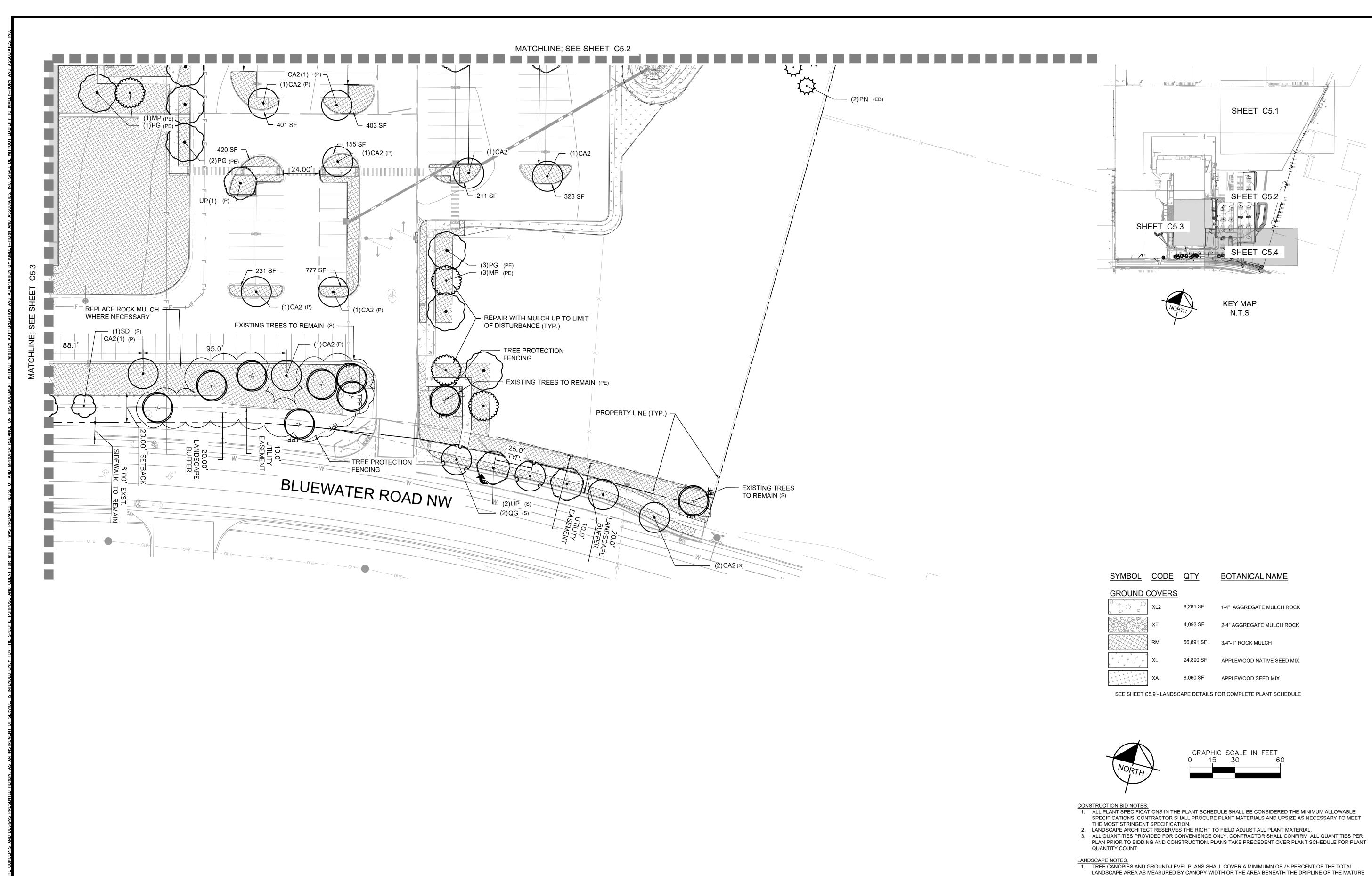
DESIGNED BY: EC DRAWN BY: ECS
CHECKED BY: EIWS DATE: 2/26/2024

N: SS: G LEGAL DESCRIPTION
TRACT A ATRISCO BUSINES
PARK UNIT 1 CONTAINING
39.775 ACRES

S ABQ ADDITION
BLUEWATER ROAD NW

ABB

DFT APF



KIMLEY-HORN AND ASSOCIATES, INC.

DESIGNED BY: ECS DRAWN BY: ECS CHECKED BY: EIWS DATE: 2/26/2024

ESCRIPTION:
TRISCO BUSINESS
T 1 CONTAINING
75 ACRES

LEGAL DESCRIPT
TRACT A ATRISCO BUS

B ABQ ADDITION

5 BLUEWATER ROAD NW

1TE PLAN - DFT

ABB ABQ AD
6625 BLUEWATER R
SITE PLAN DETAILED LANDS(



PROJECT NO. 096523009

SIZE OF THE ACTUAL VEGETATION.

2. NO MORE THAN 10 PERCENT OF REQUIRED LANDSCAPE AREAS SHALL BE TURF GRASS SPECIES REQUIRING

IRRIGATION FOR SURVIVAL AFTER THE FIRST 2 GROWING SEASONS.

3. THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75 PERCENT OF

4. VEGETATION REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE LOCATED AT LEAST 3 FEET IN ANY DIRECTION

5. TREES SHALL NOT BE PLANTED WITHIN 10 FEET IN ANY DIRECTION OF THE CENTERLINE OF A SEWER OR

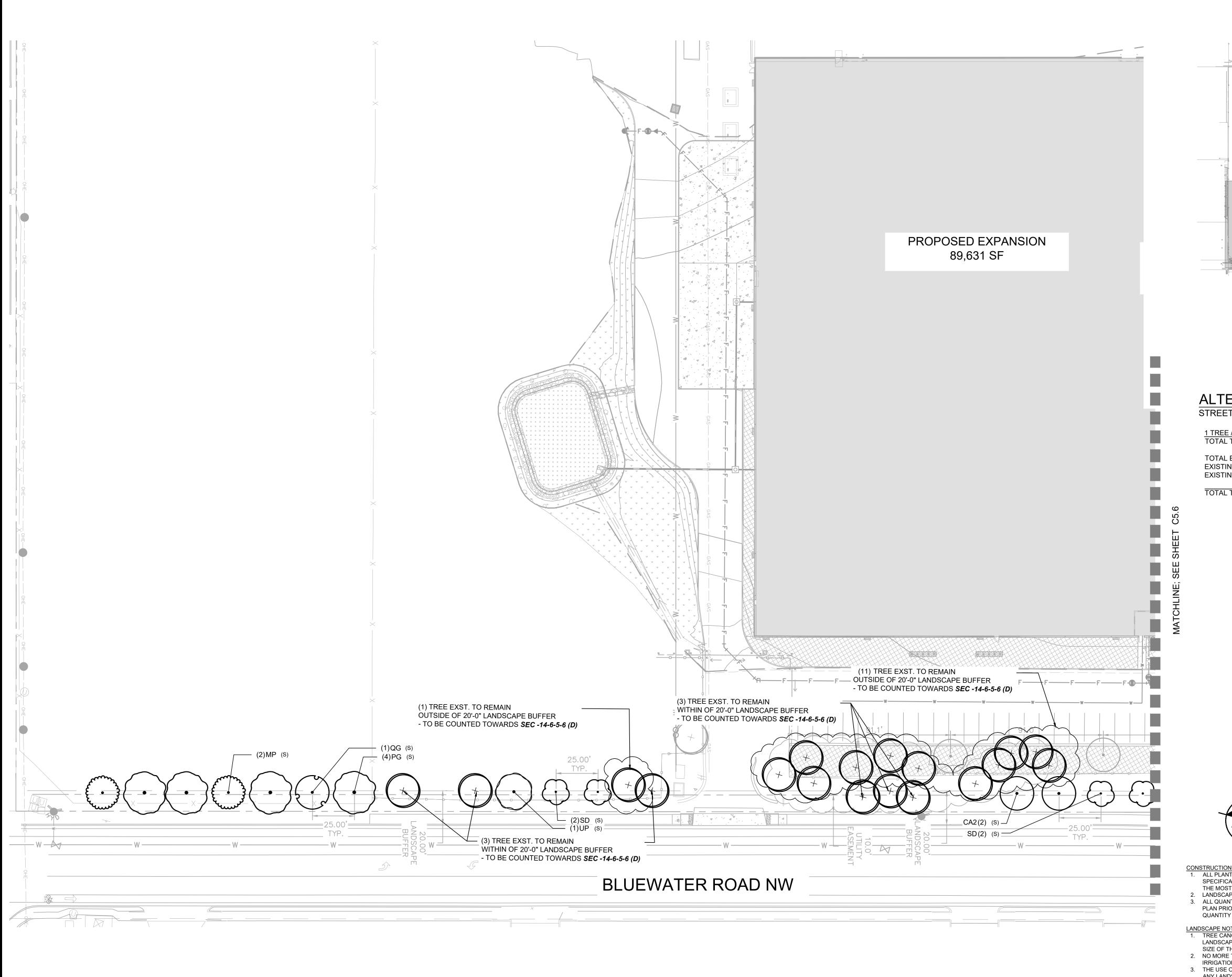
6. IRRIGATION WILL BE PROPOSED FOR THIS SITE AT THE CD PLAN LEVEL.

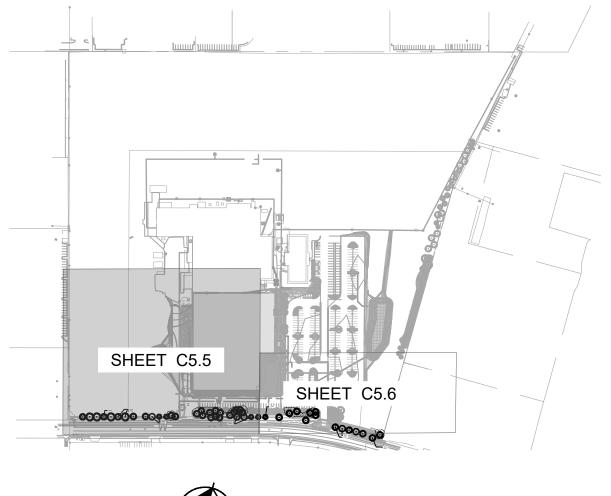
FROM ANY FIRE HYDRANTS, VALVE VAULTS, HOSE BIBS, MANHOLES, HYDRANTS, AND FIRE DEPARTMENT

ANY LANDSCAPED AREA.

WATER LINE.

SHEET **C5.4**

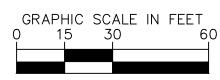




KEY MAP N.T.S

ALTERNATE LANDSCAPE STREET FRONTAGE 14-6-5-6(D)

1 TREE / 25 LF OF STREET FRONTAGE REQUIRED = TOTAL TREES PROPOSED	45 TREES 21 TREES
TOTAL EXISTING TREES TO REMAIN FOR STREET FRONTAGE REQ. EXISTING TREES WITHIN 20'-0" LANDSCAPE BUFFER EXISTING TREES OUTSIDE 20'-0" LANDSCAPE BUFFER	26 TREES 8 TREES 18 TREES
TOTAL TREES PROVIDED (EXISTING AND PROPOSED)	47 TREES



- CONSTRUCTION BID NOTES:
 1. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET
- THE MOST STRINGENT SPECIFICATION.

 2. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.

 3. ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION. PLANS TAKE PRECEDENT OVER PLANT SCHEDULE FOR PLANT

TREE CANOPIES AND GROUND-LEVEL PLANS SHALL COVER A MINIMUMN OF 75 PERCENT OF THE TOTAL LANDSCAPE AREA AS MEASURED BY CANOPY WIDTH OR THE AREA BENEATH THE DRIPLINE OF THE MATURE SIZE OF THE ACTUAL VEGETATION. 2. NO MORE THAN 10 PERCENT OF REQUIRED LANDSCAPE AREAS SHALL BE TURF GRASS SPECIES REQUIRING

- IRRIGATION FOR SURVIVAL AFTER THE FIRST 2 GROWING SEASONS. 3. THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75 PERCENT OF ANY LANDSCAPED AREA.
- 4. VEGETATION REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE LOCATED AT LEAST 3 FEET IN ANY DIRECTION FROM ANY FIRE HYDRANTS, VALVE VAULTS, HOSE BIBS, MANHOLES, HYDRANTS, AND FIRE DEPARTMENT
- 5. TREES SHALL NOT BE PLANTED WITHIN 10 FEET IN ANY DIRECTION OF THE CENTERLINE OF A SEWER OR
- WATER LINE. 6. IRRIGATION WILL BE PROPOSED FOR THIS SITE AT THE CD PLAN LEVEL.



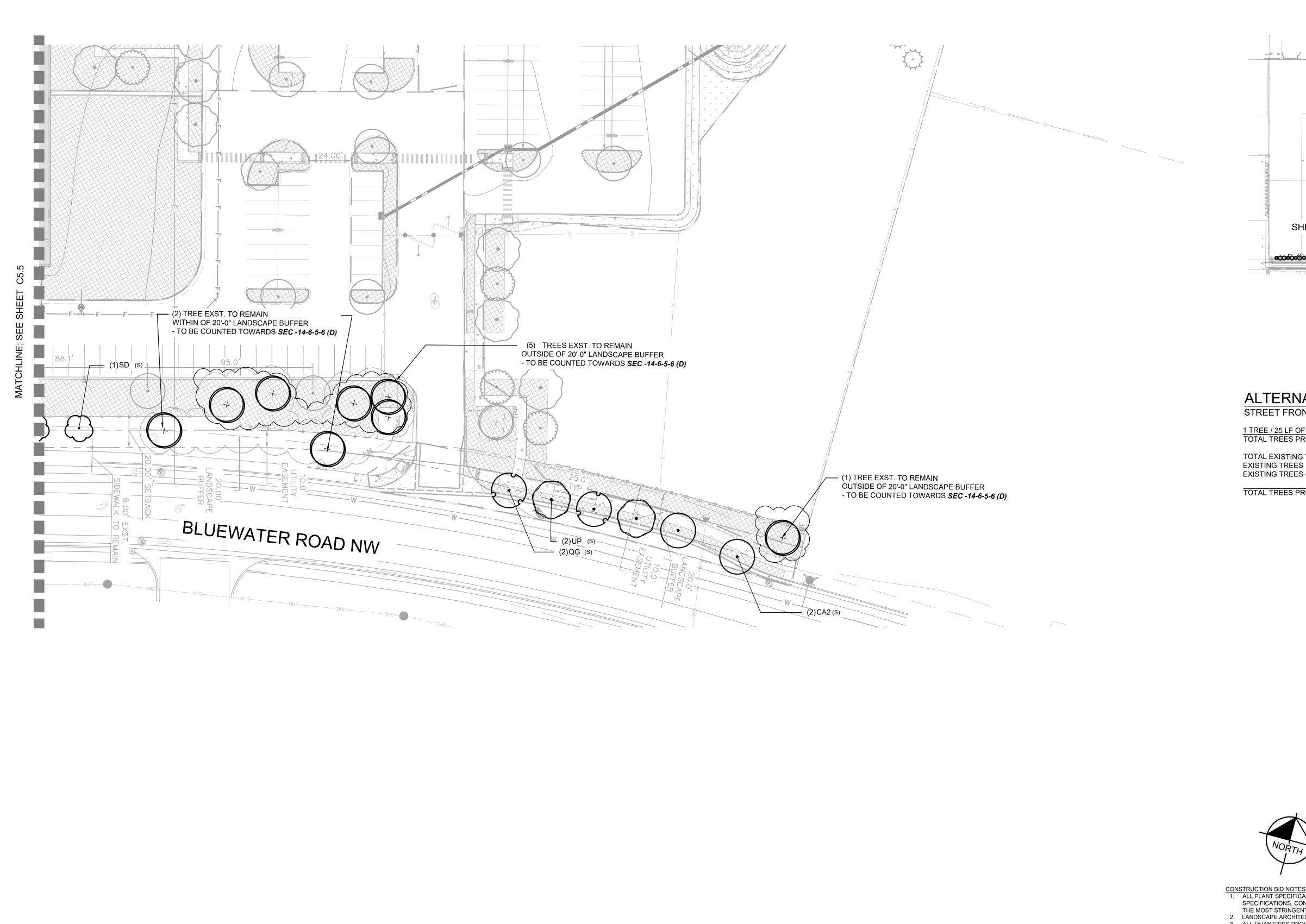
DRAWN BY: ECS
CHECKED BY: EIWS
DATE: 2/26/2024

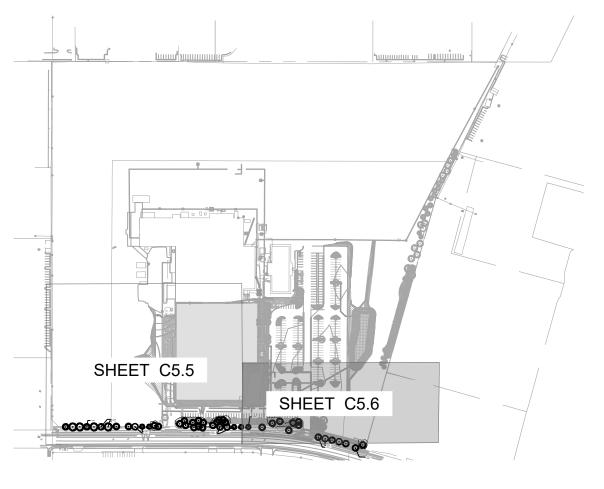
.. SS: LEGAL DESCRIPTION
TRACT A ATRISCO BUSINES
PARK UNIT 1 CONTAINING
39.775 ACRES

ABB ABQ ADDITION
6625 BLUEWATER ROAD NW

PROJECT NO. 096523009

SHEET C5.5





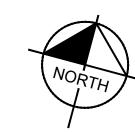


KEY MAP N.T.S

ALTERNATE LANDSCAPE

STREET FRONTAGE 14-6-5-6(D)

<u>1</u>	TREE / 25 LF OF STREET FRONTAGE REQUIRED =	45	TREES
To	OTAL TREES PROPOSED	21	TREES
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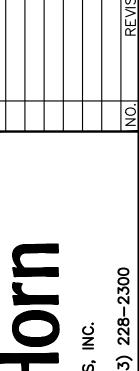
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 1. TREE CANOPIES AND GROUND-LEVEL PLANS SHALL COVER A MINIMUMN OF 75 PERCENT OF THE TOTAL LANDSCAPE AREA AS MEASURED BY CANOPY WIDTH OR THE AREA BENEATH THE DRIPLINE OF THE MATURE SIZE OF THE ACTUAL VEGETATION.

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- 6. IRRIGATION WILL BE PROPOSED FOR THIS SITE AT THE CD PLAN LEVEL.

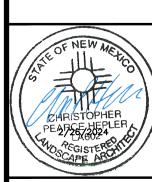


DESIGNED BY: EC DRAWN BY: ECS CHECKED BY: EIWS DATE: 2/26/2024

.: SS 0

S ABQ ADDITION
BLUEWATER ROAD NW

ABB



PROJECT NO. 096523009

SHEET C5.6

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

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
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MAINTENANCE OF TRAFFIC (MOT) THAT MAY BE REQUIRED FOR THE
- 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

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 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 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 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. 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.
- $^*\, {\sf WATERING/IRRIGATION}\,\, {\sf RESTRICTIONS}\,\, {\sf MAY}\,\, {\sf APPLY}\, -\, {\sf REFER}\,\, {\sf TO}\,\, {\sf PROPERTY'S}\,\, {\sf JURISDICTIONAL}\,\, {\sf AUTHORITY}.$

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

- 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
 - 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 ("WILTPRUF" OR EQUAL) TO MINIMIZE
- 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

- 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.
- 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 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.
- WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION
- 7. ALL PLANTING OPENINGS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN

WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

- STANDARD FOR NURSERY STOCK.

 8. TEST ALL TREE OPENINGS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO
- DRAINAGE CONDITION" PLANTING DETAIL.

 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

ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR

- 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'.

AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMEN.

- 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. MIXTUPE 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER
- 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.
- 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 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.

O. EDGING

- a. CONTRACTOR SHALL INSTALL 4"X8" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.
- 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
- 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

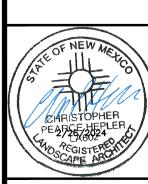
1. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING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

S. WARRANTY

- 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.
- 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.

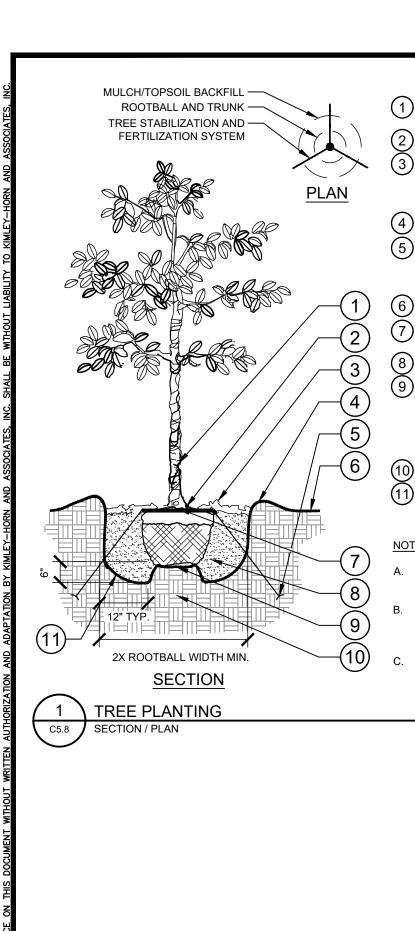
NO. REVISION BY DATE AP

DATE: 2/26/2024



PROJECT NO 096523009

C5.7



TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT. $(\,2\,)$ 6" DIA. CLEAR OF MULCH AT TRUNK FLARE. 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.

(4) 4" HIGH BERM, FIRMLY COMPACTED. (5) ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

(6) FINISHED GRADE. (SEE GRADING PLAN) (7) TOP OF ROOTBALL MIN. 1" ABOVE FINISHED

(8) PREPARED PLANTING SOIL AS SPECIFIED. (9) TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH. (10) UNDISTURBED NATIVE SOIL.

(11) SCARIFY BOTTOM AND SIDES OF PLANTING

FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

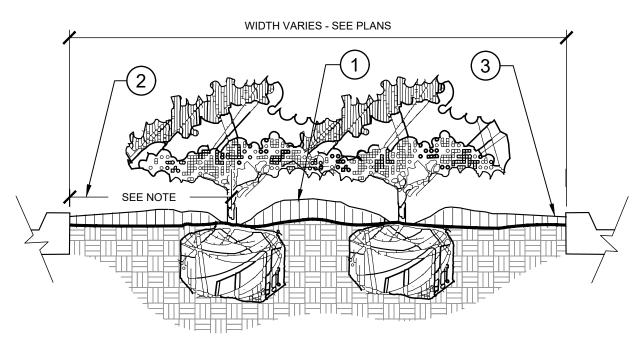
PRUNE ALL TREES IN ACCORDANCE WITH ANSI

- 3" MIN. DEPTH MULCH -

· 4oz FILTER FABRIC

AMENDED PLANTING SOIL, REF. PLANTING SOIL PLANS AND PLANTING SPECIFICATIONS

- UNDISTURBED NATIVE SOIL



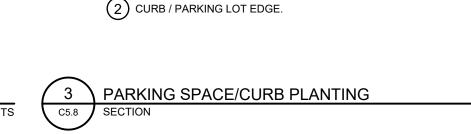
(1) CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS). 2 CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR

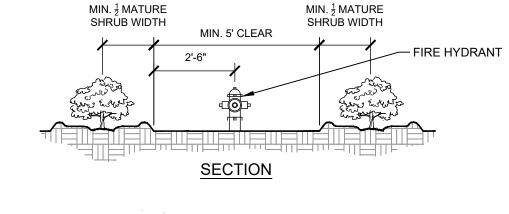
ZONE SHALL CONTAIN 4" CONTINUOUS MULCH OR TURF, SEE PLANS. (3) 2" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

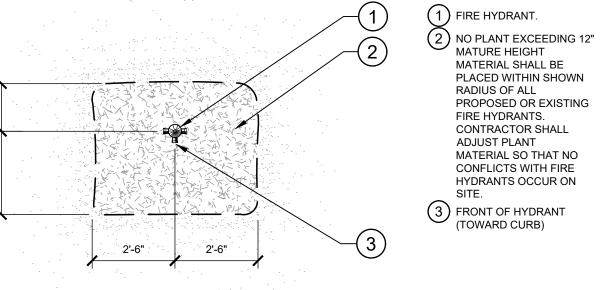
A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.

B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).

C. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR





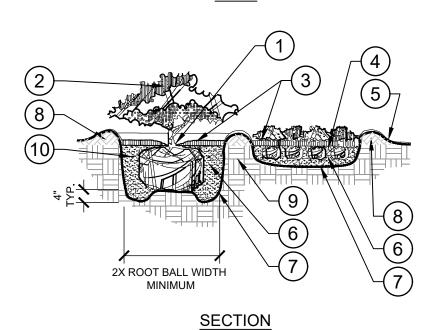


SHRUB PLANTING AT FIRE HYDRANT

<u>PLAN</u>

PLANTED PARKING LOT ISLANDS/MEDIANS

BEST FACE OF SHRUB/ GROUNDCOVER TO FACE FRONT OF PLANTING BED. REFER TO PLANT SCHEDULE FOR SPACING. MAINTAIN 12" DEAD ZONE-AT BED EDGE.



6 \ SHRUB/GROUNDCOVER PLANTING

BE PLANTED AT GRADE OR SLIGHTLY ABOVE SURROUNDING SOIL. 2" DIA. CLEAR OF MULCH AT TRUNK FLARE.

1) TOP OF ROOTBALLS TO

2 PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.

3 4" MULCH LAYER AS SPECIFIED. (4) EXCAVATE ENTIRE BED

5 FOR CONDITIONS WITH FINISHED GRADE OF 4:1 MAX SLOPE ON ALL SIDES (SEE GRADING PLAN).

SPECIFIED FOR GROUNDCOVER

(6) PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL

SCARIFY PLANT OPENING SIDES AND BOTTOM.

8 4" HIGH BERM FIRMLY COMPACTED. (9) UNDISTURBED NATIVE SOIL.

10 FERTILIZER TABLETS (MAX 3"

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING AREAS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY PROJECT LANDSCAPE ARCHITECT.

D. PRE-EMERGENT HERBICIDE TO BE APPLIED PRIOR TO PLANT INSTALLATION.

DETENTION SEED MIX

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.

WATER PLANTAIN	ALISMA SUBCORDATUM
SWAMP MILKWEED	ASCLEPIAS INCARNATA
TICKSEED SUNFLOWER	BIDENS ARISTOSA
ALLEGHENY MONKEYFLOWER	MIMULUS RINGENS
DITCH STONECROP	PENTHORUM SEDOIDES
CUTLEAF CONEFLOWER	RUDBECKIA LACINIATA
COMMON ARROWHEAD	SAGITTARIA LATIFOLIA
BLUE VERVAIN	VERBENA HASTATA
AWL-FRUITED SEDGE	CAREX STIPATA
FOX SEDGE	CAREX VULPINOIDEA
VIRGINIA WILDRYE	ELYMUS VIRGINICUS
SPIKE RUSH	ELEOCHARIS SPECIES
SOFT RUSH	JUNCUS EFFUSUS
PATH RUSH	JUNCUS TENUIS
RICE CUT GRASS	LEERSIA ORYZOIDES
SWITCHGRASS	PANICUM VIRGATUM
SOFTSTEM BULRUSH	SCHOENOPLECTUS TABERNAEMONTANI

MIN. 1/2 MATURE

SHRUB WIDTH

PRAIRIE CORDGRASS SPARTINA PECTINATA NURSE CROPS: COMMON OATS AVENA SATIVA

THIS MIX IS COMPOSED OF TENACIOUS SPECIES OF WILDFLOWERS, GRASSES, RUSHES AND

LOLIUM MULTIFLORUM

THAT CAN TOLERATE AREAS THAT ARE INUNDATED PERIODICALLY BY WATER.

PRODUCT CODE: DBWT

ANNUAL RYE

PLANTING RATE: 35 LBS./ACRE

*MIXTURE MAY VARY OCCASIONALLY FROM THE INDICATED LISTING, BASED ON AVAILABILITY OF INDIVIDUAL SPECIES.

NOTE: POND STABILIZATION TO FOLLOW SECTION 1013.

SEE DETAILS IN ALBUQUERQUE STANDARD SPECIFICATION 1013 FOR SLOPE STABILIZATION AND SEEDING AT DETENTION POND

NATIVE SEED MIX

SANDY SOILS	#PLS/AC
Hilaria jamesii 'Viva' - Galleta	7.0
Oryzopsis hymenoides 'Paloma' - Indian Rice Grass	5.0
Bouteloua gracilis 'Hachita' – Blue Grama	2.0
Bouteloua curtipendula 'Vaughn' – Sideoats Grama	1.0
Agropyron smithii 'Arriba' – Western Wheat	1.0
Sporobolus cryptandrus -Sand Dropseed	1.0
Sporobolus airoides 'Salado' – Alkali Sacaton	1.0
Artemisia frigida – Fringed sagebush	.25
Sphaeralcea ambigua – Desert Globemallow	.25
Spaeralcea parvifolia – Nelson Globemallow	.25
Helianthus annuus	.5
Oenothera pallida – White Evening Primrose	.25
Baileya multiradiata – Desert Marigold	.25
Abronia fragrans or Abronia villosa – Sand Verbena	.25
Dalea purpurea var purpurea – Purple Prairie Clover	.25
Machaeranthera canescens – Hoary tanseyaster	.25
Berlandiera lyrata – Chocolate Flower	.25

Ratibida columnifera forma pulcherrima – Mexican Hat

NOTE: POND STABILIZATION TO FOLLOW SECTION 1013. SEE DETAILS IN ALBUQUERQUE STANDARD SPECIFICATION 1013 FOR SLOPE STABILIZATION AND SEEDING AT DETENTION POND.

SEED RATE IS GIVEN IN POUNDS OF PURE LIVE SEED (PLS) PER ACRE. MIX SHALL INCLUDE AT LEAST FOUR OF THE WILDFLOWER SPECIES LISTED BELOW AT A TOTAL APPLICATION RATE OF AT LEAST 2.0# PLS/AC.

DESIGNED BY: EC DRAWN BY: ECS CHECKED BY: EIW DATE: 2/26/2024

.: SS: 0 LEGAL DESCRIPTION
TRACT A ATRISCO BUSINES
PARK UNIT 1 CONTAINING
39.775 ACRES

ABQ ADDITION DFT ABB



PROJECT NO. 096523009

> SHEET C5.8

5 METAL EDGER AT PLANTING BED

TURF (SOD)

METAL EDGING, 3/16"

TOPSOIL, REF. PLANTING -

SOIL PLAN AND PLANTING

COLOR: BLACK

SPECIFICATIONS

LANDSCAPE BED

PLANT SCHEDULE LANDSCAPE AREA										
SYMBOL	CODE	QTY	BUFFER	LANDSCAPE AREA	STREET SCAPE	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
TREES										
$\begin{pmatrix} + \end{pmatrix}$	XI	28		2	26		EXISTING TREE TO REMAIN	-		
DECIDUOL	JS TREES	<u> </u>								
(\cdot)	CA2	16		8	8	CRATAEGUS AMBIGUA	RUSSIAN HAWTHORN	B & B	2" CAL MIN	10` - 12` HT. MIN.
	MP	12	1	9	2	MACLURA POMIFERA	OSAGE ORANGE	B & B	2" CAL MIN	10` - 12` HT. MIN.
\bigcirc	PG	14	2	8	4	PROSOPIS GLANDULOSA	HONEY MESQUITE	B & B	2" CAL MIN	10` - 12` HT. MIN.
	QG	13	9	1	3	QUERCUS GAMBELII	GAMBEL OAK	В&В	2" CAL MIN	10` - 12` HT. MIN.
\bigcirc	SD	9	4		5	SAPINDUS DRUMMONDII	WESTERN SOAPBERRY	В&В	2" CAL MIN	10` - 12` HT. MIN.
\bigcirc	UP	13	1	9	3	ULMUS PARVIFOLIA	LACEBARK ELM	B & B	2" CAL MIN	10` - 12` HT. MIN.
EVERGRE	EN TREE	<u>S</u>								
0	JS	4	4			JUNIPERUS MONOSPERMA	ONESEED JUNIPER	B & B		6' HT MIN
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PN	6	6			PINUS NIGRA	AUSTRIAN PINE	B & B		6' HT MIN
ORNAMEN	ITAL TRE	<u>ES</u>								
+	CL	10	6	4		CHILOPSIS LINEARIS	DESERT WILLOW	B & B	2" CAL MIN	10` - 12` HT. MIN.
+	CA	10	7	3		CRATAEGUS AMBIGUA	RUSSIAN HAWTHORN	В&В	2" CAL MIN	10` - 12` HT. MIN.
SYMBOL	CODE	QTY	BUFFER	LANDSCAPE AREA	STREET SCAPE	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
SHRUBS •	AL	22	22			AMORPHA CANESCENS	LEADPLANT	5 GAL	SEE PLAN	18" FULL
\bigcirc	AW	48	48			ANISACANTHUS WRIGHTII	WRIGHT'S DESERT HONEYSUCKLE	5 GAL	SEE PLAN	18" HT MIN
+ }	AT2	36	36			ARTEMISIA TRIDENTATA	BIG SAGEBRUSH	5 GAL	SEE PLAN	36" FULL
	ВМ	33	33			BUDDLEJA MARRUBIIFOLIA	WOOLY BUTTERFLY BUSH	5 GAL	SEE PLAN	36" FULL
	HP	28	18	10		HESPERALOE PARVIFLORA	RED YUCCA	5 GAL	SEE PLAN	18" FULL
\odot	LS	48	48			LEUCOPHYLLUM FRUTESCENS 'COMPACTA'	COMPACT TEXAS RANGER	5 GAL	SEE PLAN	24" HT MIN
SYMBOL	CODE	<u>QTY</u>	BUFFER	LANDSCAPE AREA	STREET SCAPE	BOTANICAL NAME	COMMON NAME	CONT	SIZE	
GROUND (
	XL2	8,281 SF		8,281 SF		1-4" AGGREGATE MULCH ROCK	1-4" ANGULAR AGGREGATE MULCH			
	XT	4,093 SF	0.050.05	4,093 SF	0.704.85	2-4" AGGREGATE MULCH ROCK	2-4" ANGULAR AGGREGATE MULCH	ROCK		
	RM XI	56,891 SF 24,890 SF	9,350 SF	37,750 SF 24,890 SF	9,791 SF	3/4"-1" ROCK MULCH APPLEWOOD NATIVE SEED MIX	TO MATCH EXISTING NATIVE SEED MIX	- SEED		
* * * * * * * * * * * * * * * * * * * *	XL XA	8,060 SF		24,890 SF 8,060 SF		APPLEWOOD NATIVE SEED MIX APPLEWOOD SEED MIX	DETENTION SEED MIX	SEED		
× × × × × × × × × × × × × × × × × × ×				•				- 		

CODE TABLE

LANDSCAPE AREA TOTAL LOT AREA = 39.94 ACRES / 1,739,791 SF

1,739,791 SF TOTAL GROSS LOT AREA 103,007 SF TOTAL BUILDING AREA (EXISTING TO REMAIN) TOTAL BUILDING AREA (PROPOSED)
NET LOT AREA 1,547,153 SF

TOTAL NET LOT AREA 1,547,153 x 20% = TOTAL LANDSCAPE REQUIREMENT = **309,431 SF**

285,700 SF EXISTING LANDSCAPE PROPOSED LANDSCAPE 94,658* SF TOTAL LANDSCAPE AREA PROVIDED 380,358 SF (24%) *NOT COUNTING OVERLAPPING MULCH

EXISTING TREES TO BE REMOVED = 3 TREE EXISTING TREES TO REMAIN = 28 TREES = 77 TREES PROVIDED SHADE TREES PROVIDED ACCENT/ORNAMENTAL TREES = 20 TREES PROVIDED EVERGREEN TREES = 10 TREES

TOTAL COVERAGE (PROPOSED LANDSCAPE AREA) 94,658 x 75% = TOTAL COVERAGE REQUIREMENT = 70,933.5 SF

= 109,657 SF TOTAL COVERAGE PROVIDED COVERAGE OF ROCK MULCH PROVIDED = 63,886.5 SF (66%) COVERAGE OF GROUND-LEVEL PLANTS REQ. = 23,664.5 SF (25%) COVERAGE OF GROUND-LEVEL PLANTS PROV. = 36,954* SF (39%)

*CALCULATION ASSUMES 20 SF PER GROUND PLANT AS AN AVERAGE MATURE SPREAD AND CANOPY COVERAGE

14-6-5-6(F) PARKING LOT LANDSCAPING (P) 242 PROPOSED PARKING STALLS

1 TREE EVERY 100'-0" FT OF PARKING 1 TREE / FOR EACH 10 PARKING STALLS REQUIRED = TOTAL TREES PROVIDED 27 TREES

14-6-5-6(D) STREET TREE LANDSCAPING (S) 1,118 LF OF STREET FRONTAGE

1 TREE / PER 25 LF OF STREET FRONTAGE REQUIRED = 21 TREES TOTAL TREES PROVIDED 26 TREES EXISTING TREES TO REMAIN

(8) EXISTING TREES ARE WITHIN 20'-0" LANDSCAPE BUFFER

(18) EXISTING TREES ARE OUTSIDE 20'-0" LANDSCAPE BUFFER

14-6-5-6(E) EDGE BUFFER LANDSCAPING (EB) 819 LF OF PERIMETER

1 TREE / PER 20 LF OF SITE PERIMETER REQUIRED = 41 TREES 5 SHRUBS / PER 20 LF OF SITE PERIMETER REQUIRED = 205 SHRUBS 41 TREES TOTAL TREES PROVIDED TOTAL SHRUBS PROVIDED 205 SHRUBS

14-6-5-6(C) PEDESTRIAN WALKWAYS (PE)

459 LF OF PEDESTRIAN WALKWAYS 1 TREE/ PER 25 LF OF PEDESTRIAN WALKWAY REQUIRED= 19 TREES

O

DESIGNED BY: ECS DRAWN BY: ECS CHECKED BY: EIWS DATE: 2/26/2024

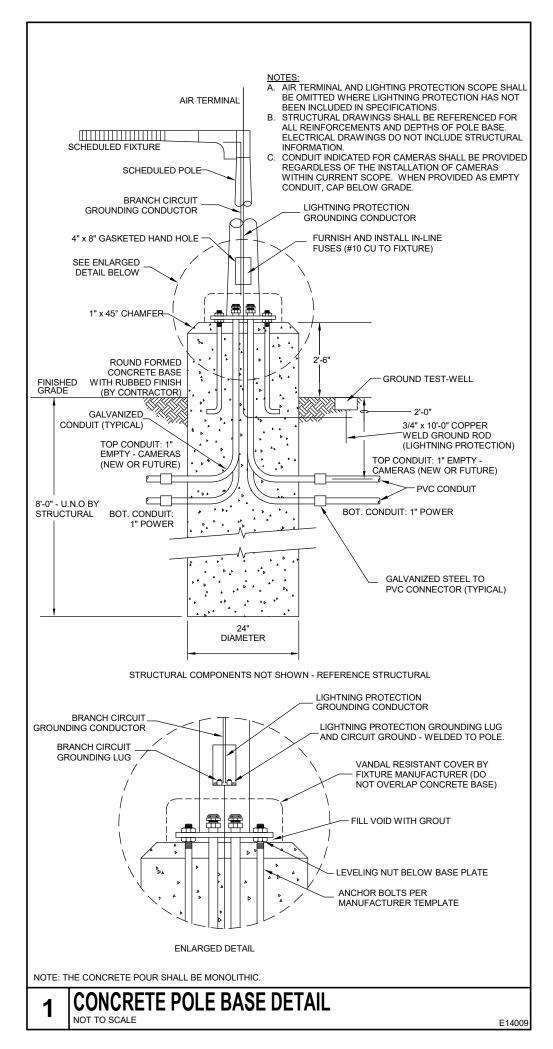
LEGAL DESCRIPTION:
TRACT A ATRISCO BUSINESS
PARK UNIT 1 CONTAINING
39.775 ACRES

ABB ABQ ADDITION
6625 BLUEWATER ROAD NW
SITE PLAN - DFT
LANDSCAPE DETAILS



096523009

C5.9



Schedule Schedule											
Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
○	S1	arter.	4	NLS Lighting	NV-1 T3 48L 7 40K	NV-1 SERIES SIZE 1 AREA LUMINAIRE 48 LED PERFORMANCE 4000K CCT TYPE 3 WITH HOUSE SIDE SHIELD	1	6968	1	104.3	Max: 7875cd
÷.	S2	ater T	12	NLS Lighting	NV-1 T5 48L 7 40K	NV-1 SERIES SIZE 1 AREA LUMINAIRE 48 LED PERFORMANCE 4000K CCT TYPE 5	1	12480	1	208.6	Max: 7793cd
$\hat{\Box}$	W2		19	Lithonia Lighting	WDGE2 LED P4 40K 70CRI TFTM	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 4000K, 70CRI, TYPE FORWARD THROW MEDIUM OPTIC	1	4742	1	46.6589	Max: 3261cd
\bigcirc	D2		15	Lithonia Lighting	LDN4 40/20 LO4AR LSS	4IN LDN, 4000K, 2000LM, CLEAR, SEMI- SPECULAR REFLECTOR, 80CRI	1	2008	1	22.12	Max: 2123cd

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
GRADE LEVEL	+	2.04 fc	26.2 fc	0.0 fc	N/A	N/A

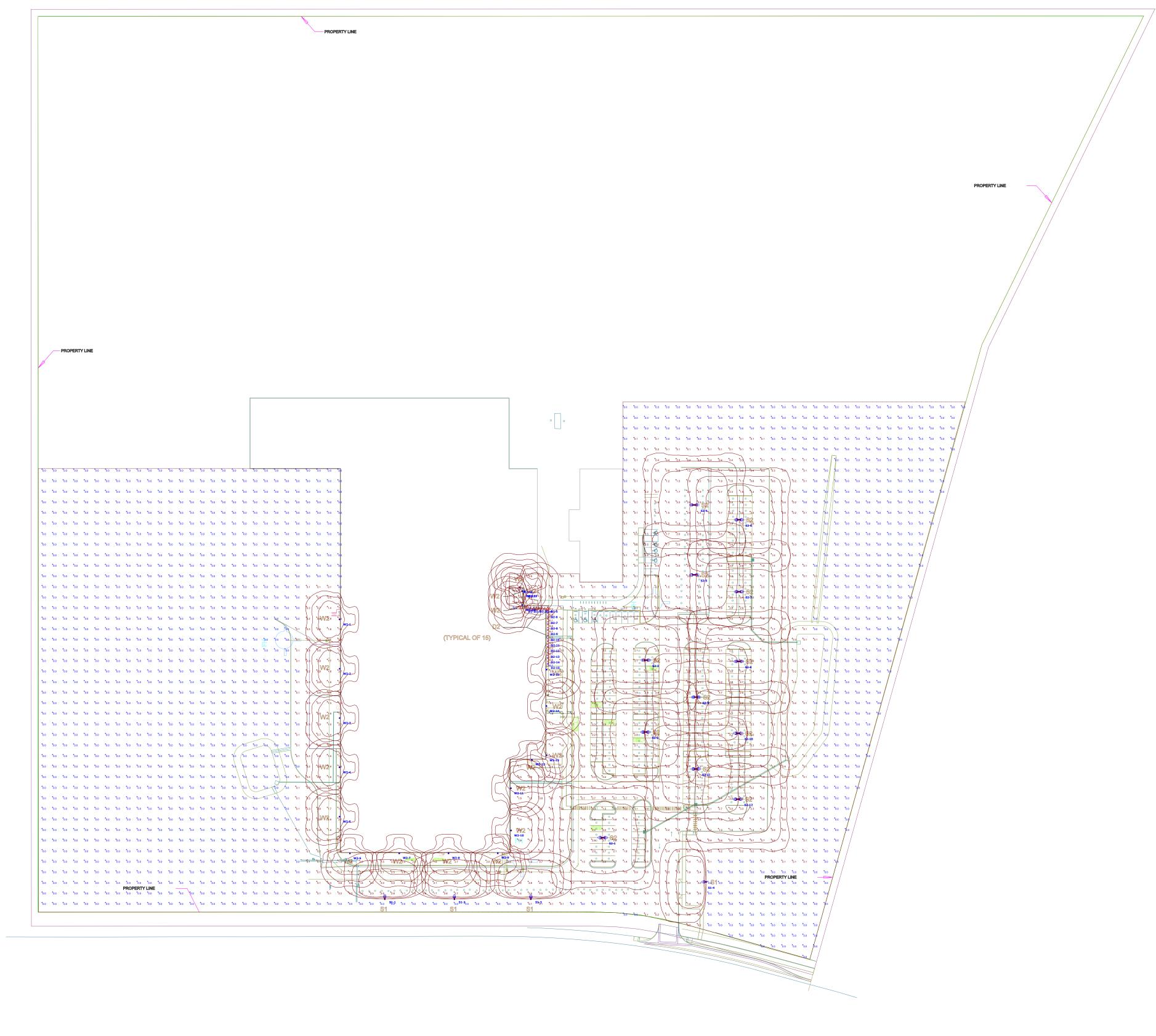
1.ALL CALCULATION POINTS SET AT GRADE LEVEL, 0'.

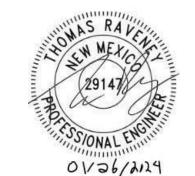
2.ALL SITE LIGHTING POLES SET AT 18'6" OVERALL.

3.ALL WALL PACKS ARE MOUNTED AT 15'.

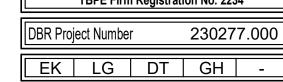
4.ALL DOWN LIGHTING IS MOUNTED AT 12', RECESSED. 5. ALL SITE AND BUILDING-MOUNTED LIGHT FIXTURES ARE FULL CUT-OFF

6. ALL LIGHT FIXTURES INSTALLED IN CANOPIES ARE RECESSED ABOVE THE LOWER EDGE OF THE CANOPY AND HAVE FLAT LENSES.











PROJECT NUMBER 234047 SHEET NUMBER:

SHEET TITLE:

SITE **PHOTOMETRICS**

BRAWN BY: ME

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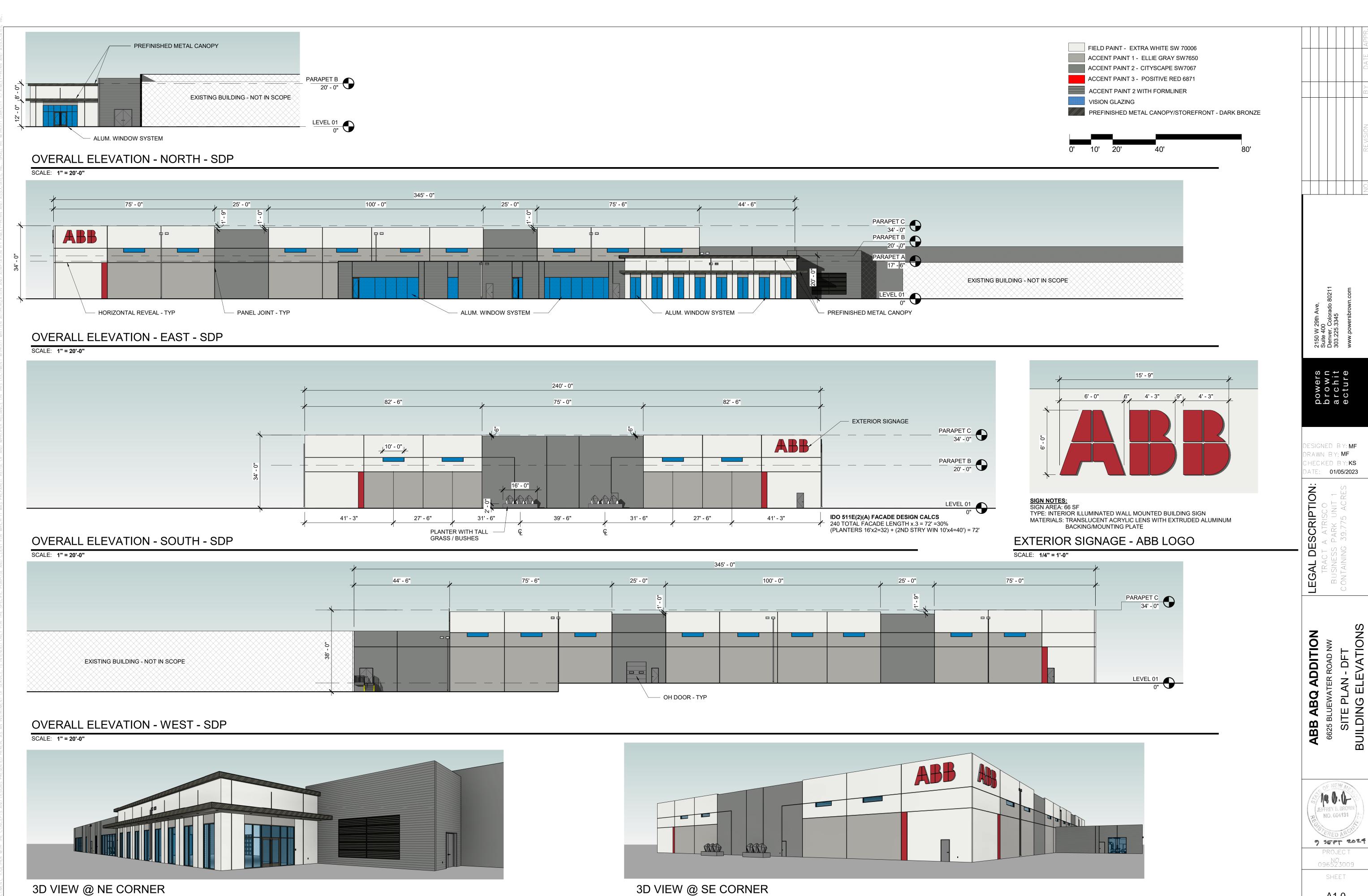
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ADDITION TER ROAD NW

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SITE PLAN - DFT
SITE PLAN - DFT
SITE PLAN

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SCALE:

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PROJEC T NO 096523009

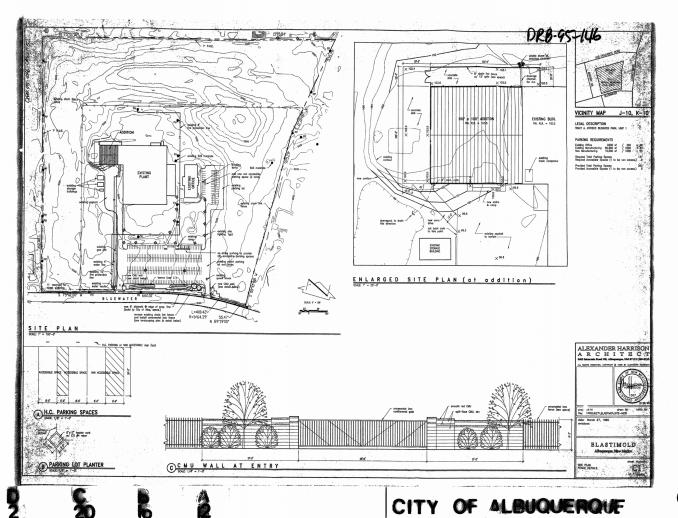
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SITE PLAN - DFT BUILDING ELEVATIONS

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GOVERNING SITE PLAN SET



CITY OF ALBUQUEDQUE
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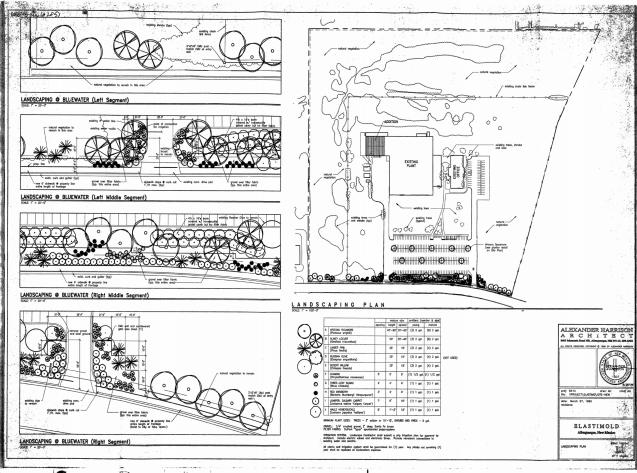
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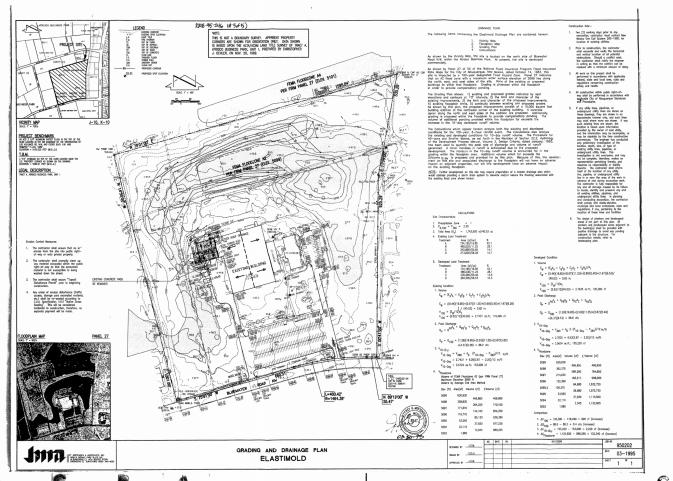
meets the Basic Hierofilm Standards of the National Micrographics Association (M312-1977)

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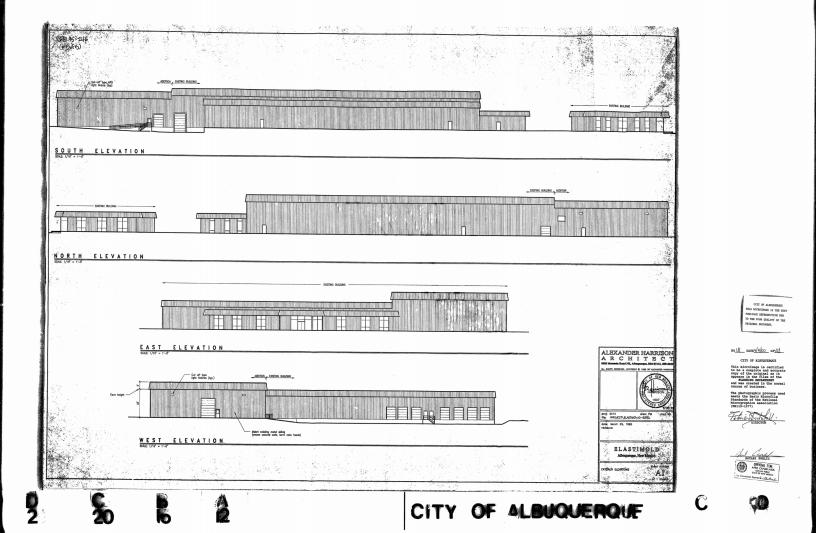


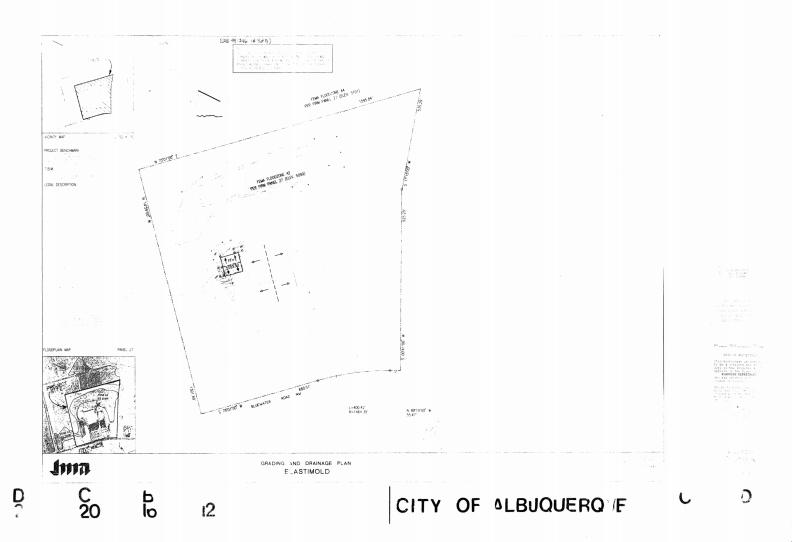
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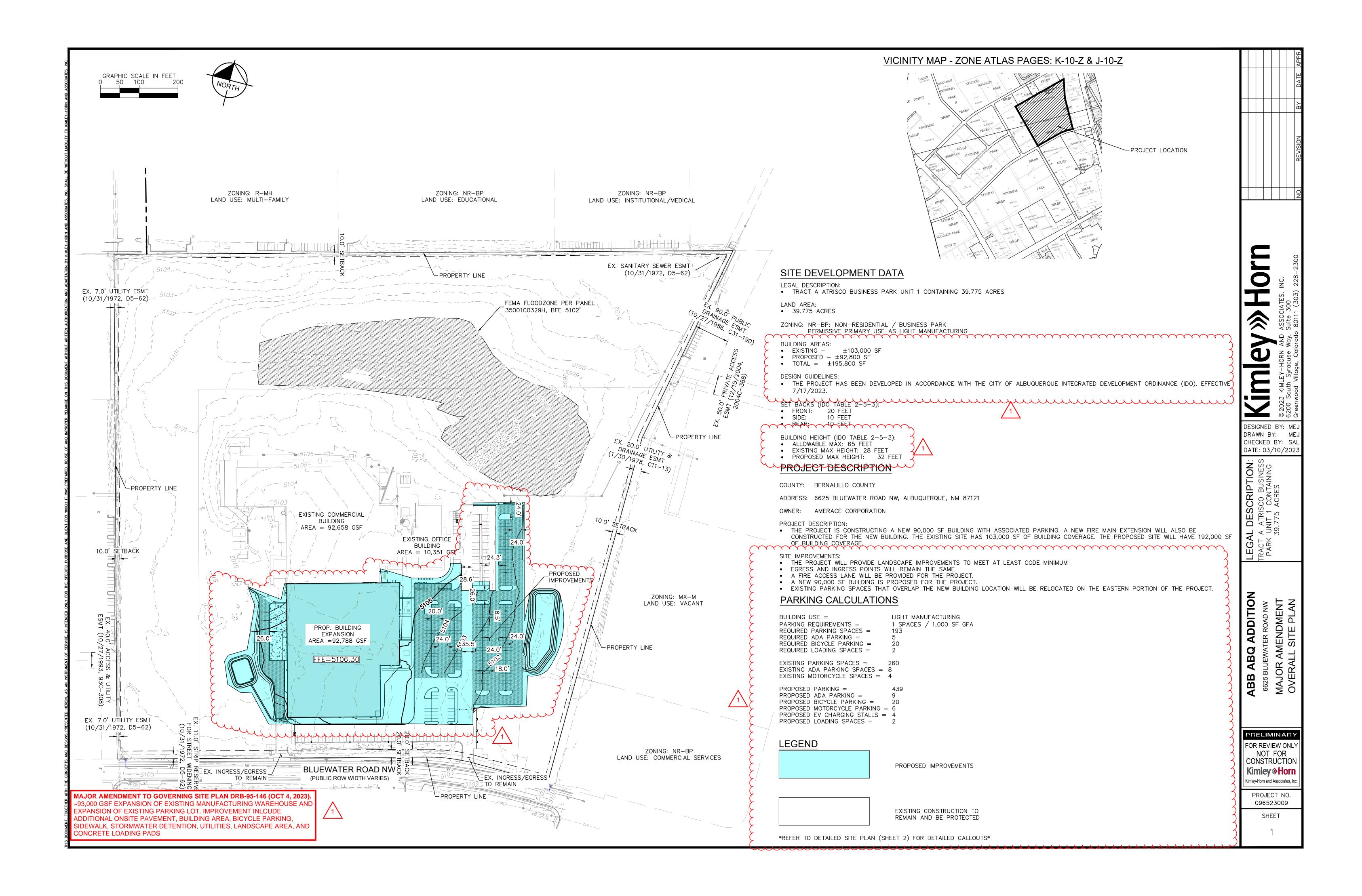
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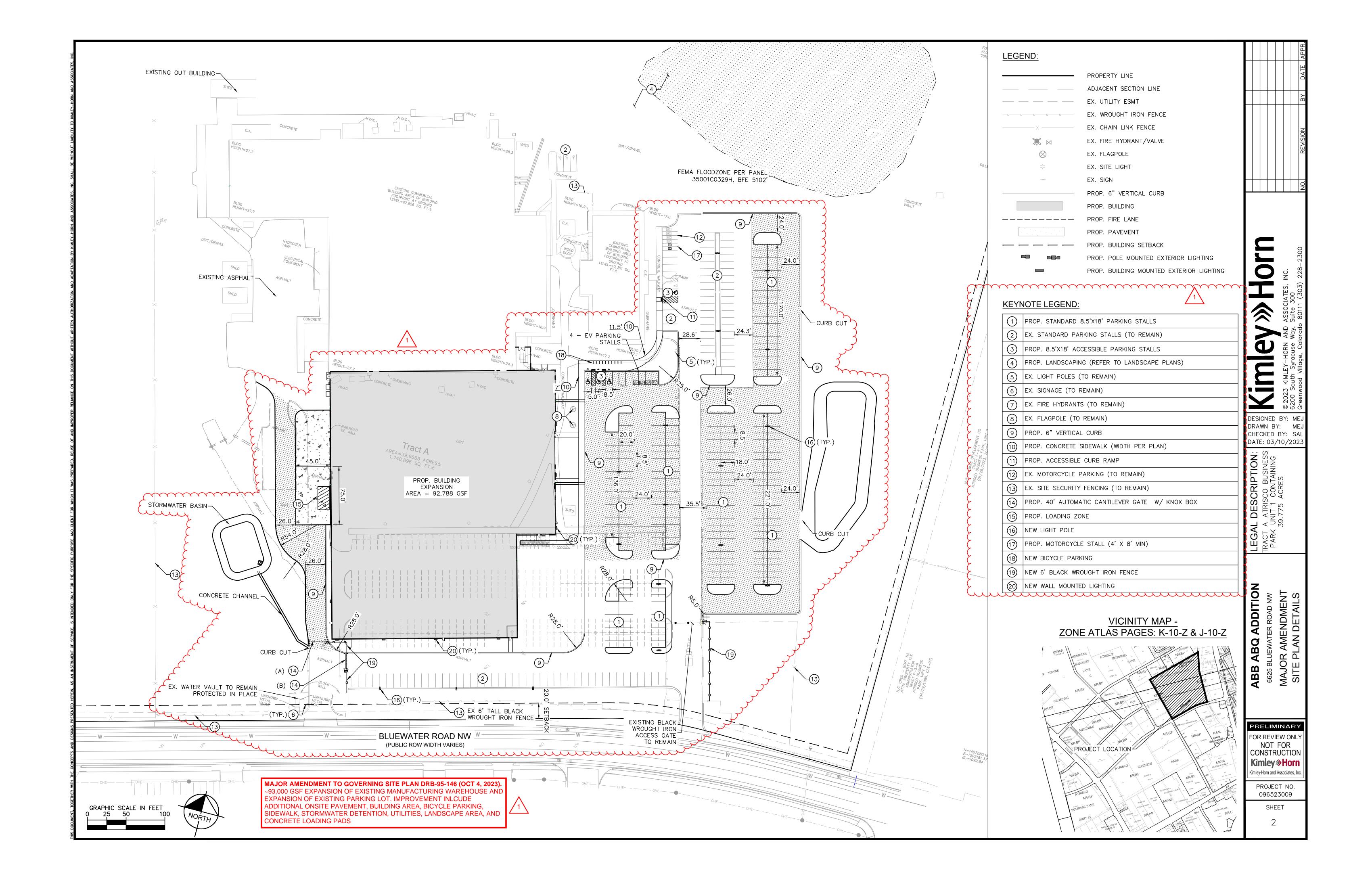


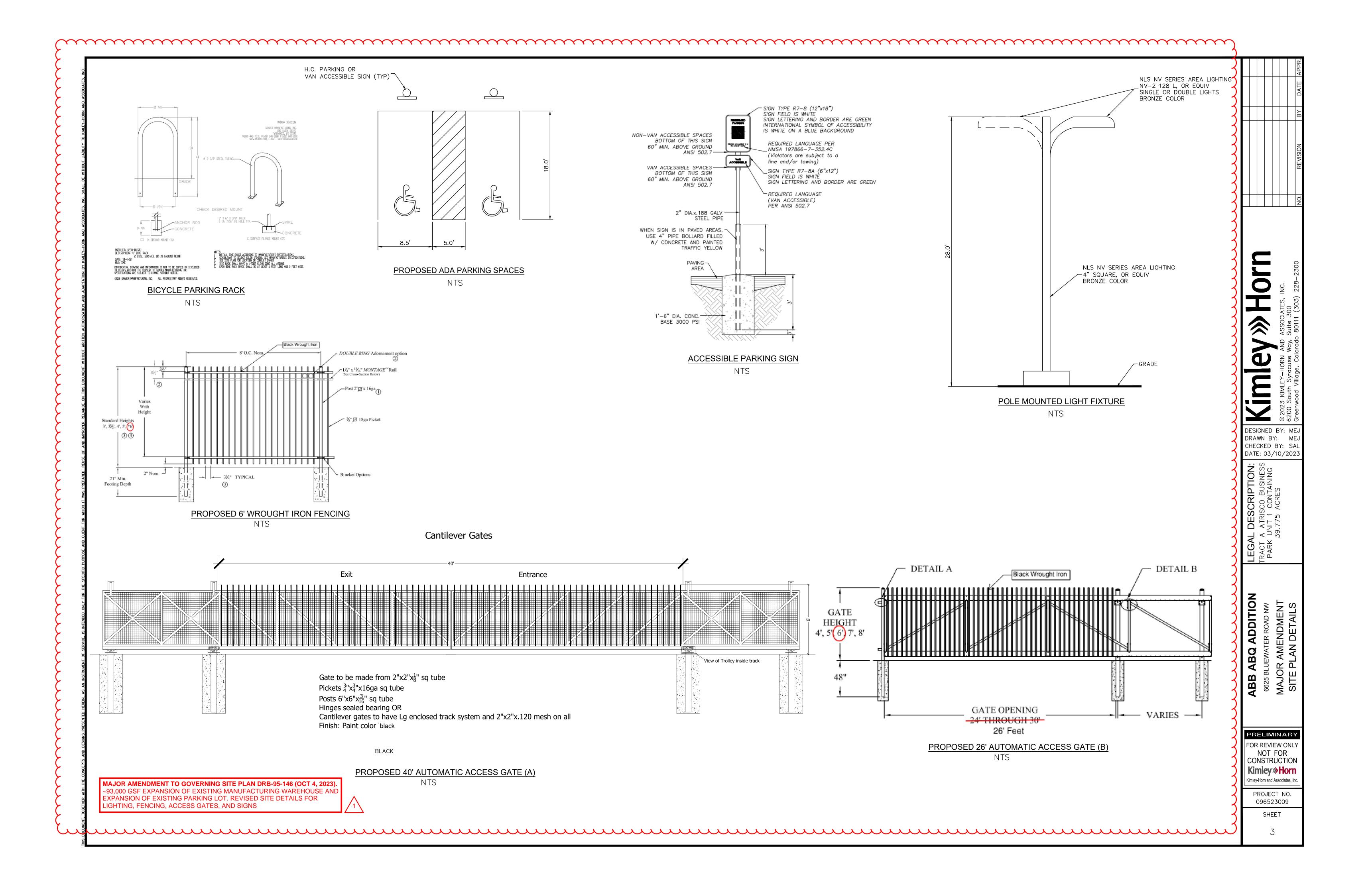


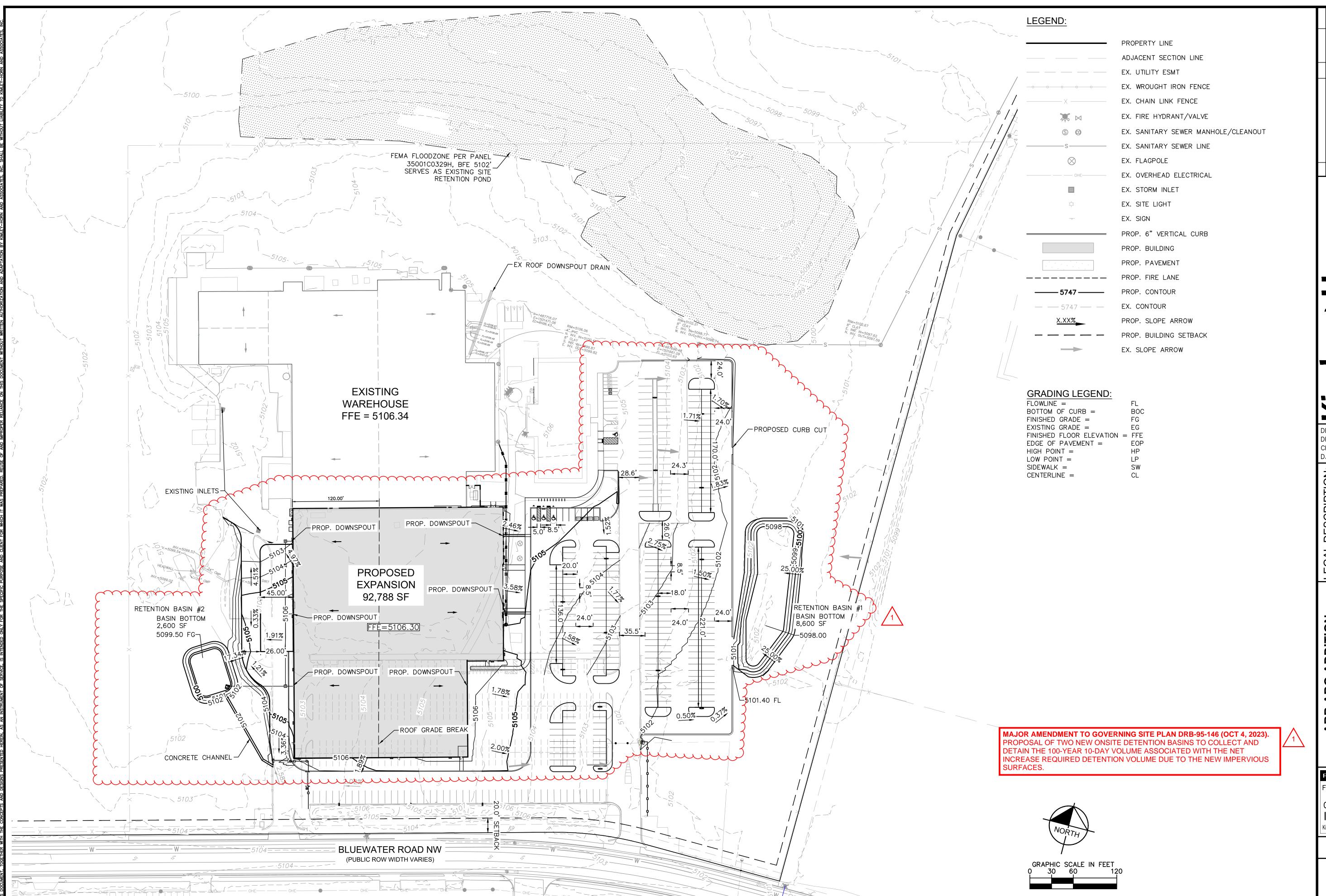


EPC MAJOR AMENDMENT APPROVED SITE PLAN (PR-2023-009209)









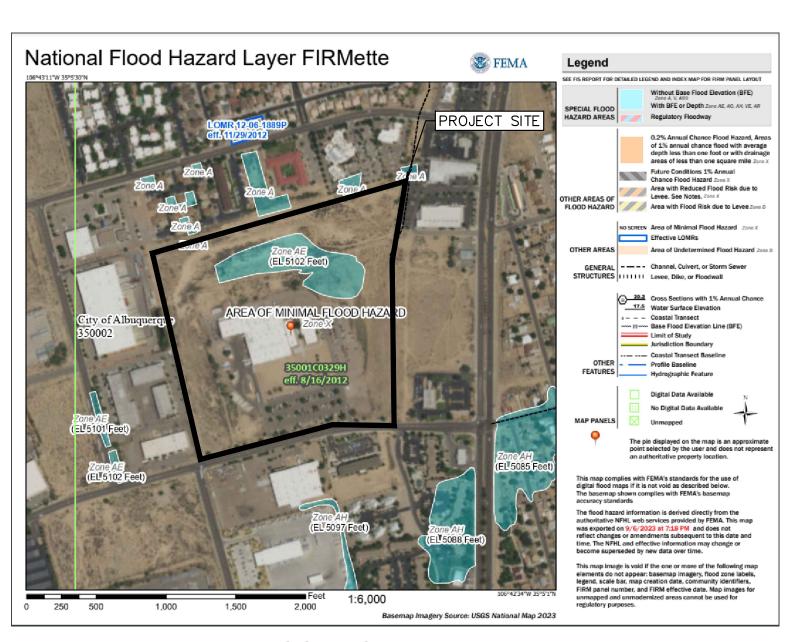
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ABB ABQ ADDITION

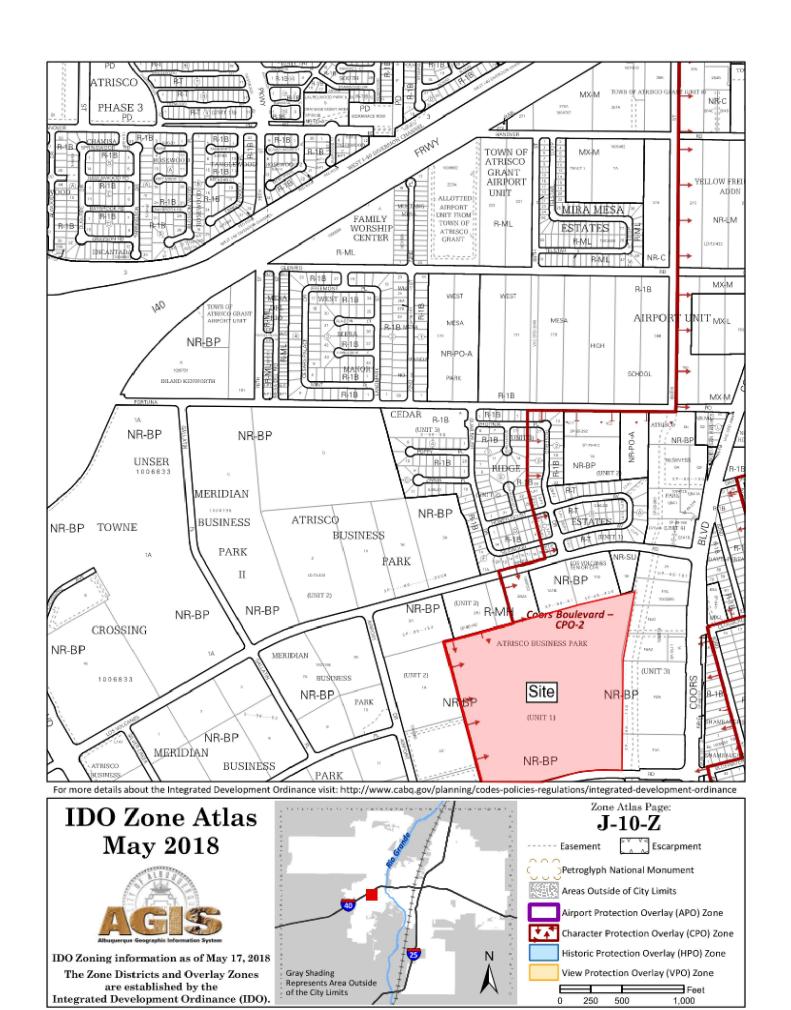
PRELIMINARY

FOR REVIEW ONLY NOT FOR CONSTRUCTION Kimley » Horn Kimley-Horn and Associates, In

PROJECT NO. 096523009 SHEET



FLOOD ZONE MAP
FIRM PANEL: 35001C0329H



ZONING MAP

J-10-Z

DRAINAGE REPORT

SITE LOCATION

THE PROPOSED PROJECT IS LOCATED ON APPROXIMATELY A 37.97-ACRE SITE. THE SITE IS 800 FEET WEST FROM W COORD BLVD

EXISTING CONDITIONS

THE SITE IS PARTIALLY DEVELOPED WITH AN EXISITNG APPROX. 90,000 GSF MANUFACTURING WAREHOUSE, ADIMINISTRATIVE OFFICE, PAVED AND GRAVEL PARKING LOT, LANDSCAPED OPEN SPACE AND PATHWAYS. THERE IS AN EXISTING AE FLOODZONE ONSITE WITH A BFE OF 5102. SITE RUNOFF IS CURRENTLY CONVEYED TO THE EXISTING FLOODZONE WHERE IS SERVES AS A RETENTION BASIN. RUNOFF SURFACE FLOWS AND CONCENTRATED FLOWS TO THE RETENTION BASIN. THE EXISTING RETENTION BASIN AND FLOODZONE WHERE WELL REMAIN UNTOUCHED.

PROPOSED CONDITIONS

THE PROPOSED PROJECT WILL RESULT IN A NEW 90,000 GSF WAREHOUSE AND NEW PORTIONS OF PAVED PARKING. AREAS OF EXISTING PAVEMENT AND DEVELOPED LAWN AREA WILL BE REPLACED WITH THE NEW BUILDING FOOTPRINT. THE NEW PAVED PARKING AREAS WILL REPLACE LOCATIONS OF EXISTING LAWN AND GRAVEL SURFACES. THE PROJECT WILL PRODUCE A NET INCREASE OF IMPERVIOUS AREA ASSOCIATED WITH THE EXPANSION. RUNOFF WILL SHEET FLOW EAST OR WEST WHERE IT WILL FOLLOW HISTORIC DRAINAGE PATTERNS. TWO NEW WATER HARVESTING BASINS (RETENTION BASIN #1 AND #2) ARE PROPOSED TO DETAIN THE NET INCREASE OF REQUIRED 100—YEAR 10—DAY DETENTION VOLUME AS TO NOT INCREASE THE VOLUME OF WATER TRIBUTARY TO THE EXISTING RETENTION BASIN/FLOODZONE. FLOWS EXCEEDING THE NEW RETENTION POND STORAGE VOLUME WILL BYPASS THE BASIN AND CONTINUE TO THE EXISTING RETENTION POND. FLOWS WILL INFILTRATE INTO NATIVE SOILS PER THE 2020 DPM PERCOLATION RATES.

CONCLUSTIONS

WHEN DEVELOPED AS INDICATED ON THE GRADING AND DRAINAGE PLAN, THE INCREASE RUNOFF FROM THE SITE IS ESTIMATED AT 4.04 CFS. THE NET INCREASE WILL RESULT IN APPROXIMATELY 0.67 CU FT OF RETENTION VOLUME FOR THE 100—YEAR 10—DAY VOLUME. BASIN #1 WILL PROVIDE VOLUME FOR 0.56 AC—FT OF 100—YEAR 10—DAY STORAGE, AND BASIN #2 WILL PROVIDE 0.11 AC—FT OF STORAGE. BASIN BOTTOM SURFACE AREAS ARE DESIGNED SUCH THAT FLOWS WILL INFILTRATE IN THE 96 HOUR DRAIN TIME.

HYDROLOGY CALCULATIONS

BASIN #1	Land Treatment (Table 6.2.13)			6.2.13)	Total Acerage	Ew	V(100-10day)	Q(100)
	Α	В	C	D	(ac)	(in)	ac-ft	cfs
Existing Conditions	0	1.49	1.18	0.88	1.18	2.03	0.48	10.26
Proposed Conditions	0	0.5	0	3.05	3.05	1.18	1.04	13.65
DELTA							0.56	3.39

BASIN #2	Land Treatment (Table 6.2.13)		6.2.13)	Total Acerage	Ew	V(100-10day)	Q(100)	
	Α	В	С	D	(ac)	(in)	ac-ft	cfs
Existing Conditions	0	0.73	0	1.00	1.73	1.96	0.38	5.85
Proposed Conditions	0	0.32	0	1.41	1.73	1.60	0.49	6.50
DELTA							0.11	0.65

	R	Drain Time Check					
Donal	Volume	Percolation Rate*	Pond Bottom	Drain Time	Diam rime check		
Pond	ď	inches/hr	Sq. Ft.	hr	96 Hour Max		
#1	24,394	0.83	8,600	42	Meets Required Drain Time		
Pond Volume	0.56	ac-ft					

	Retention Pond Drain Time								
Dand	Volume	Percolation Rate*	Pond Bottom	Drain Time					
Pond	ď	inches/hr	Sq. Ft.	hr	96 Hour Max				
#2	4,792	0.83	2,600	27	Meets Required Drain Time				
Pond Volume	0.11	ac-ft							

*Percolation rate per Table 6.2.12 of the 2020 DPM

input cells

MAJOR AMENDMENT TO GOVERNING SITE PLAN DRB-95-146 (OCT 4, 2023). PROPOSAL OF TWO NEW ONSITE DETENTION BASINS TO COLLECT AND DETAIN THE 100-YEAR 10-DAY VOLUME ASSOCIATED WITH THE NET INCREASE REQUIRED DETENTION VOLUME DUE TO THE NEW IMPERVIOUS SURFACES.

NO. REVISION BY DATE APPI

S200 South Syracuse Way, Suite 300
Sreenwood Village, Colorado 80111 (303) 228-2300

DESIGNED BY: MEST DRAWN BY: MEST CHECKED BY: SAL DATE: 03/10/2023

EGAL DESCRIPTION:
ACT A ATRISCO BUSINESS
ARK UNIT 1 CONTAINING
39.775 ACRES

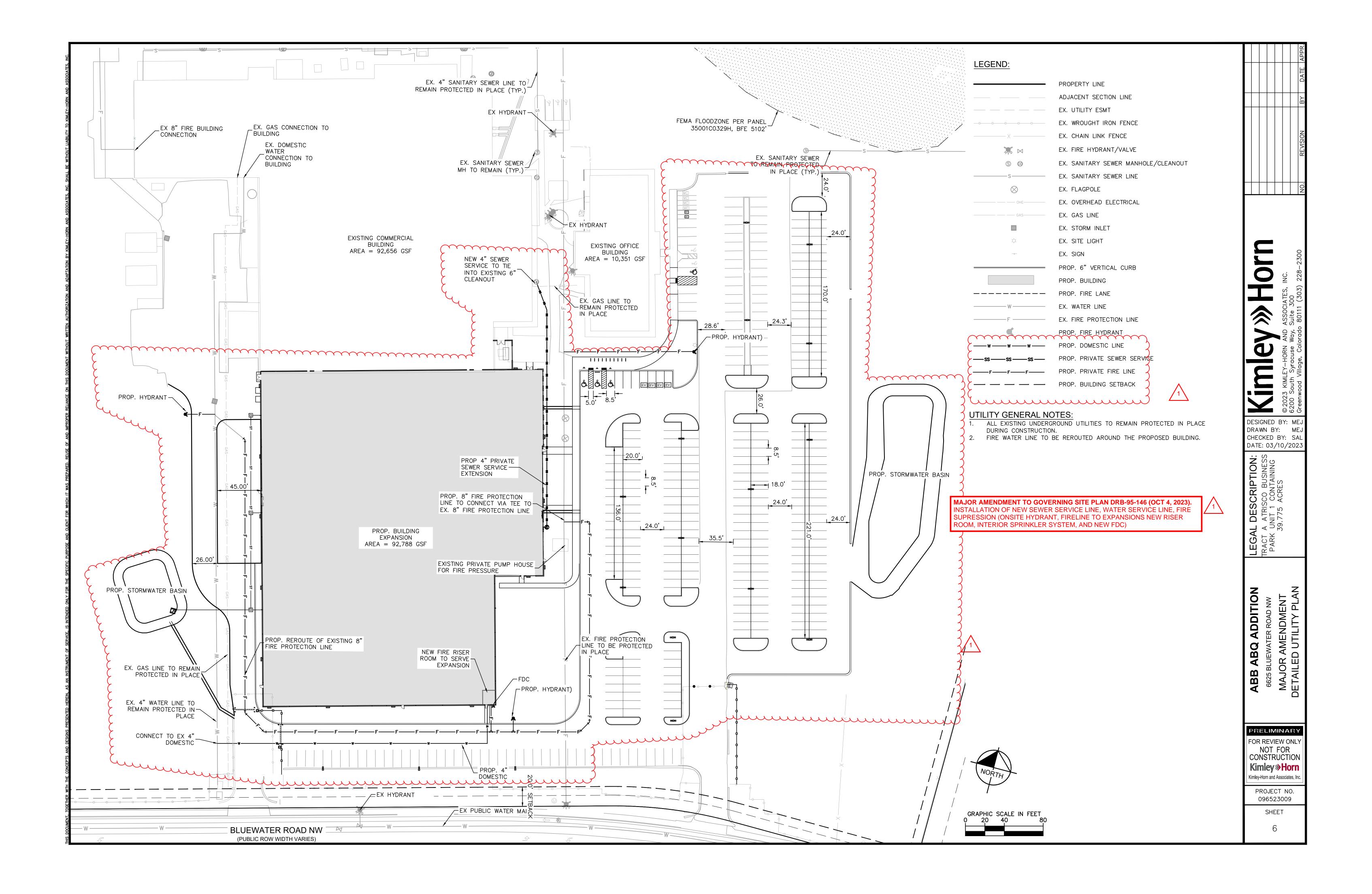
ABB ABQ ADDITION
6625 BLUEWATER ROAD NW
MAJOR AMENDMENT
HYDROLOGY DATA

PRELIMINARY
FOR REVIEW ONLY

NOT FOR CONSTRUCTION Kimley Horn
Kimley-Horn and Associates, Inc.

PROJECT NO. 096523009 SHEET

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MAJOR AMENDMENT TO GOVERNING SITE PLAN DRB-95-146 (OCT 4, 2023).
ADDITONAL LANDSCAPE ADDITIONS TO NEW LANDSCAPE ISLANDS, NEW LANDSCAPE AROUND BUILDING EXPANSION, ALONG EASTERN AND SOUTHERN PROPERTY LINES

PLANT SCHEDULE LANDSCAPE AREA

	DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	(\cdot)	СО	CELTIS OCCIDENTALIS	COMMON HACKBERRY
		GS	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER'	SHADEMASTER HONEY LOCUST
	$\left\{\cdot\right\}$	SD	SAPINDUS DRUMMONDII	WESTERN SOAPBERRY
	EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	0	JS	JUNIPERUS MONOSPERMA	ONESEED JUNIPER
₹ }	•	PN	PINUS NIGRA	AUSTRIAN PINE
	GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
		RM	1-1/2" - 2" RIVER ROCK MULCH	1-1/2" - 2" RIVER ROCK MULCH
	× × × × × × × × × × × × × × × × × × ×	XA	APPLEWOOD SEED MIX	DETENTION SEED MIX
	* * *	XL	NATIVE SEED MIX	NATIVE SEED MIX

				matur	e size	emitters (nu	mber & size)	
			spacing	height	spread	young	mature	
	A	ARIZONA SYCAMORE (Platanus wrightii)		40'-80'	30,-60,	(3) 2 gal.	(6) 2 gal.	
	В	HUNEY LOCUST (Gleditsia triacanthos)		50*	30'-40'	(3) 2 gal.	(6) 2 gal.	
	С	LIMBER PINE (Pinus flexilis)		25'	15'	(3) 2 gal.	(4) 2 gal.	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	D	RUSSIAN OLIVE (Eloegnus angustifolia)		25*	18	(3) 2 gal.	(4) 2 gal.	(NOT USE
James	Ε	DESERT WILLOW (Chilopais linearis)		251	15'	(3) 2 gal.	(4) 2 gal.	
∕ ⊗	F	CHAMISA (Chrysothamnus nauseosus)	5	5'	5'	(1) 1/2 gal.	(1) 1/2 gal.	
0	G	THREE-LEAF SUMAC (Rhus trilobata)	4'	4	4'	(1) 1 gal.	(1) 1 gal.	
•	Н	RED BARBERRY (Berberis thumbergii Atropurpurea')	3'	4',	4	(1) 1 gal.	(1) 1 gal.	
0	1	JUNIPER, CALGARY CARPET (Juniperus sabina "Calgary Carpet")	7'	9*	10'	(1) 1 gal.	(1) 1 gal.	
$\left(\cdot \right)$	J	HALLS HONEYSUCKLE (Lenicero japonica 'halliana')	8,	1'-3'	12'	(1) 1 gai.	(1) 1 gal.	

All plants and irrigation system shall be guaranteed for (1) year. Any plants not surviving (1) year shall be replaced at Contractors expense.

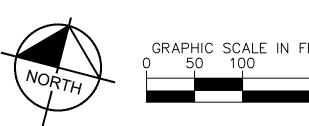


ABB ABQ ADDITION
6625 BLUEWATER ROAD NW

DRAWN BY: ECS

DATE: 10/3/2023

LEGAL DESCRIPTION:
TRACT A ATRISCO BUSINESS
PARK UNIT 1 CONTAINING
39.775 ACRES

PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION Kimley»Horn Kimley-Horn and Associates, In

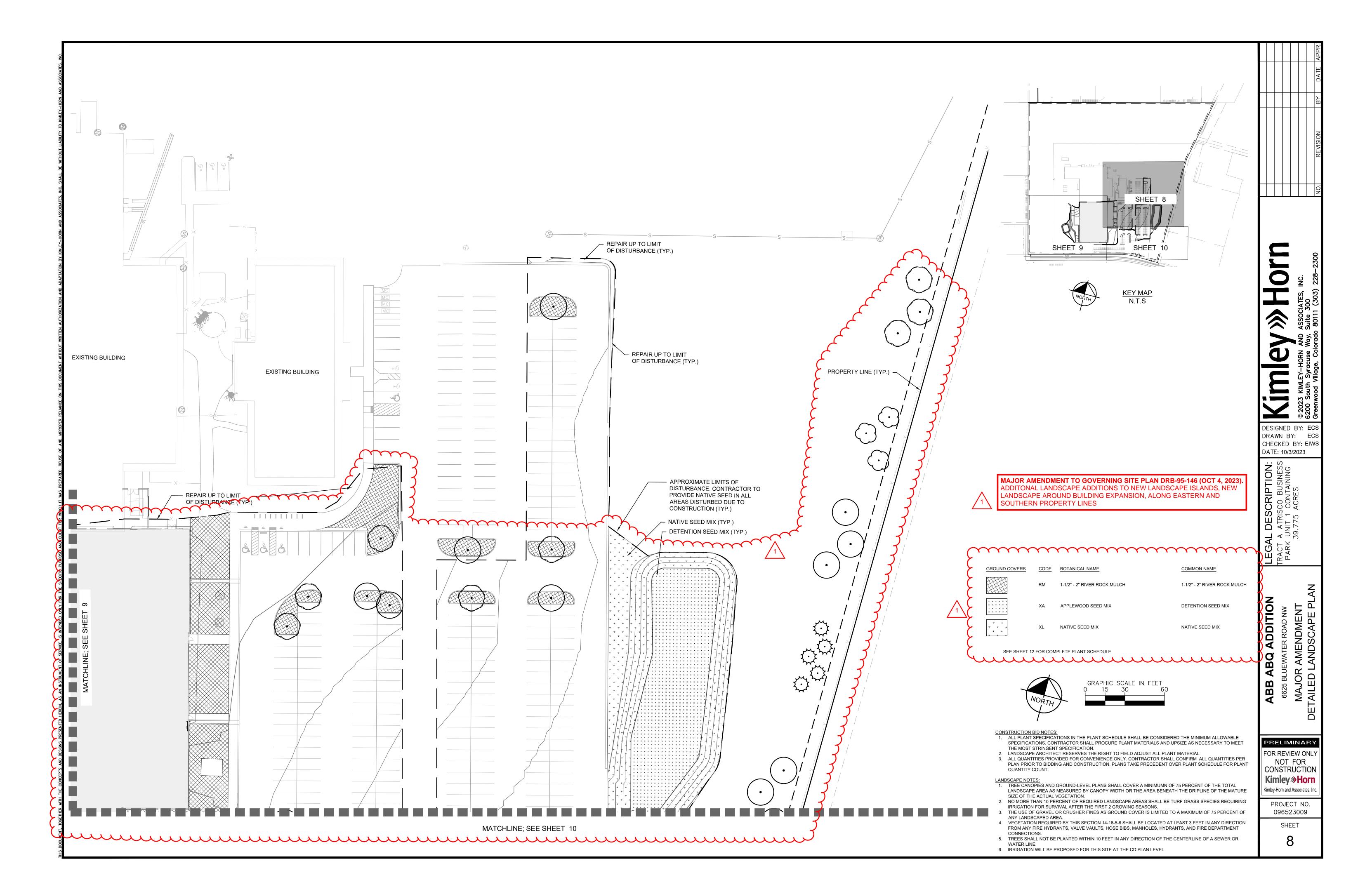
PROJECT NO. 096523009

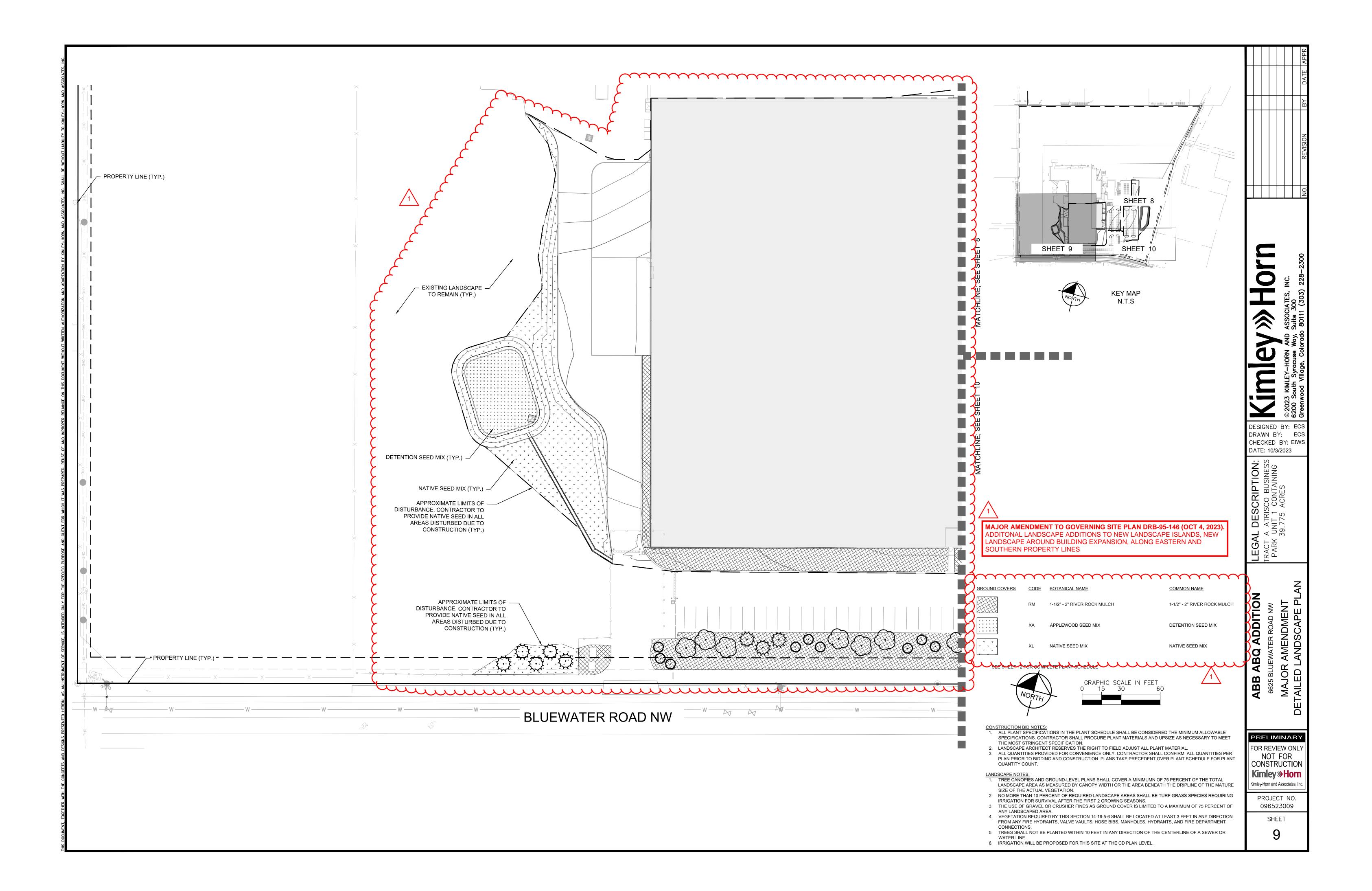
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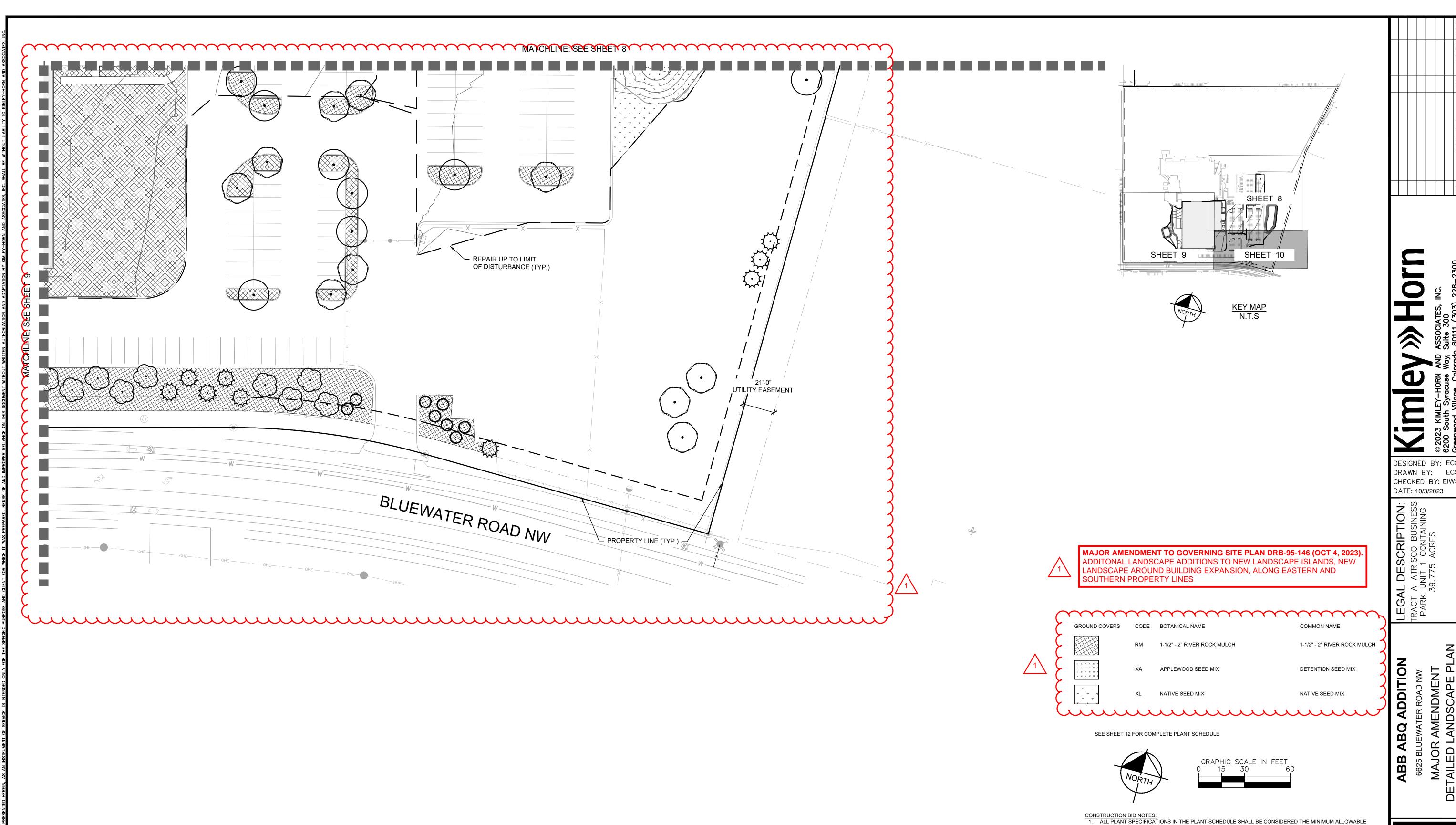
manner of the same SHEET 8 PROPOSED **EXPANSION** 89,631 SF SHEET 10 SHEET 9
BLUEWATER ROAD NW

SEE SHEET 12 FOR COMPLETE PLANT SCHEDULE

EXISTING GOVERNING SITE PLAN PLANTING SCHEDULE







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CONSTRUCTION
Kimley»Horn

SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET

PLAN PRIOR TO BIDDING AND CONSTRUCTION. PLANS TAKE PRECEDENT OVER PLANT SCHEDULE FOR PLANT

LANDSCAPE AREA AS MEASURED BY CANOPY WIDTH OR THE AREA BENEATH THE DRIPLINE OF THE MATURE

2. NO MORE THAN 10 PERCENT OF REQUIRED LANDSCAPE AREAS SHALL BE TURF GRASS SPECIES REQUIRING

3. THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75 PERCENT OF

4. VEGETATION REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE LOCATED AT LEAST 3 FEET IN ANY DIRECTION FROM ANY FIRE HYDRANTS, VALVE VAULTS, HOSE BIBS, MANHOLES, HYDRANTS, AND FIRE DEPARTMENT

5. TREES SHALL NOT BE PLANTED WITHIN 10 FEET IN ANY DIRECTION OF THE CENTERLINE OF A SEWER OR

LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.
 ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER

LANDSCAPE NOTES:

1. TREE CANOPIES AND GROUND-LEVEL PLANS SHALL COVER A MINIMUMN OF 75 PERCENT OF THE TOTAL

IRRIGATION FOR SURVIVAL AFTER THE FIRST 2 GROWING SEASONS.

6. IRRIGATION WILL BE PROPOSED FOR THIS SITE AT THE CD PLAN LEVEL.

THE MOST STRINGENT SPECIFICATION.

SIZE OF THE ACTUAL VEGETATION.

ANY LANDSCAPED AREA.

WATER LINE.

PROJECT NO.

096523009 SHEET

Kimley-Horn and Associates, In

10

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
- 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
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MAINTENANCE OF TRAFFIC (MOT) THAT MAY BE REQUIRED FOR THE
- I. 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
- 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
- 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
TORSOIL MIX 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 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 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. 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.
- 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.
- 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.
- $^*\, {\sf WATERING/IRRIGATION}\,\, {\sf RESTRICTIONS}\,\, {\sf MAY}\,\, {\sf APPLY}\, \, {\sf REFER}\,\, {\sf TO}\,\, {\sf PROPERTY'S}\,\, {\sf JURISDICTIONAL}\,\, {\sf AUTHORITY}.$
- 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

- 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
 - 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 ("WILTPRUF" OR EQUAL) TO MINIMIZE
- 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
- 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

- . 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.
- 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 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.
- . WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION
- 7. ALL PLANTING OPENINGS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN

WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS

- STANDARD FOR NURSERY STOCK.

 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
- 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'.

DRAINAGE CONDITION" PLANTING DETAIL

- 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 INSTALL ATION
- 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.
- 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 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.

O. EDGING

- a. CONTRACTOR SHALL INSTALL 4"X¹/₈" ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.

 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
 - 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.
 - 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.

MAJOR AMENDMENT TO GOVERNING SITE PLAN DRB-95-146 (OCT 4, 2023) ADDITONAL LANDSCAPE ADDITIONS TO NEW LANDSCAPE ISLANDS, NEW

LANDSCAPE AROUND BUILDING EXPANSION, ALONG EASTERN AND

SOUTHERN PROPERTY LINES

ID ASSOCIATES, INC. y, Suite 300 Ido 80111 (303) 228–2300

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DESIGNED BY: EC DRAWN BY: EC CHECKED BY: EIW DATE: 10/3/2023

EGAL DESCRIPTION:
ACT A ATRISCO BUSINESS
ARK UNIT 1 CONTAINING
39.775 ACRES

B ABQ ADDITION 5 BLUEWATER ROAD NW JOR AMENDMENT

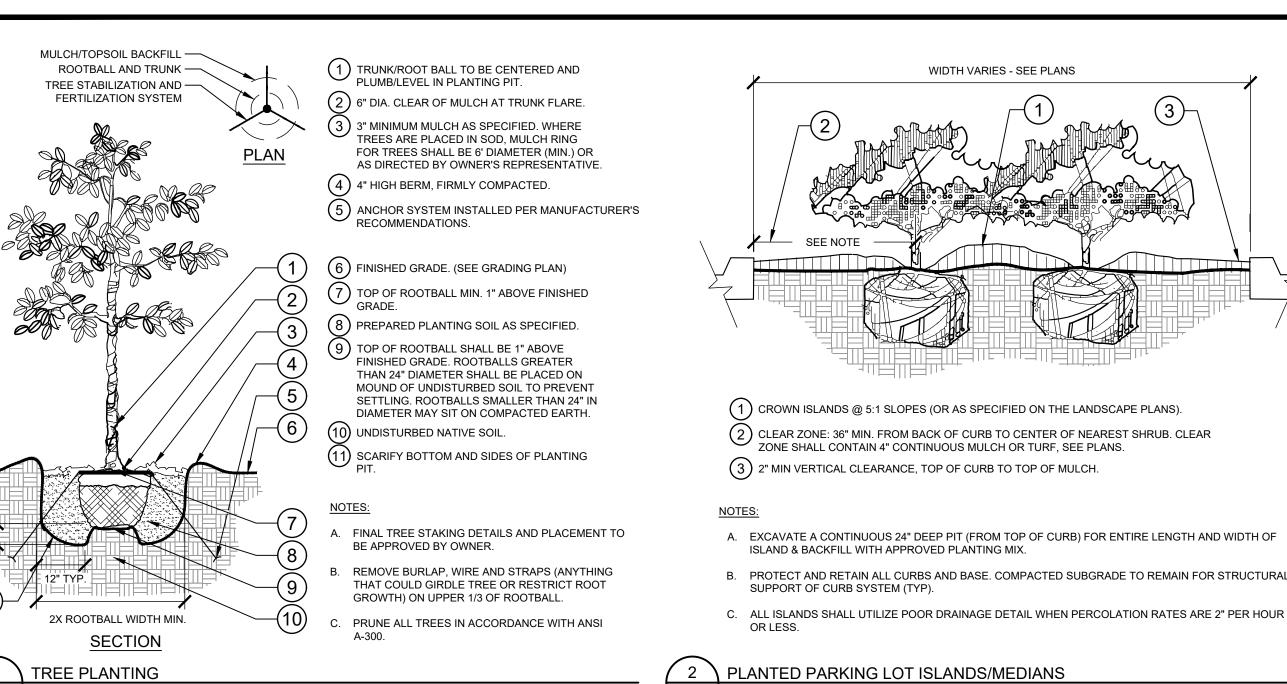
FOR REVIEW ONL NOT FOR CONSTRUCTION Kimley»Horn

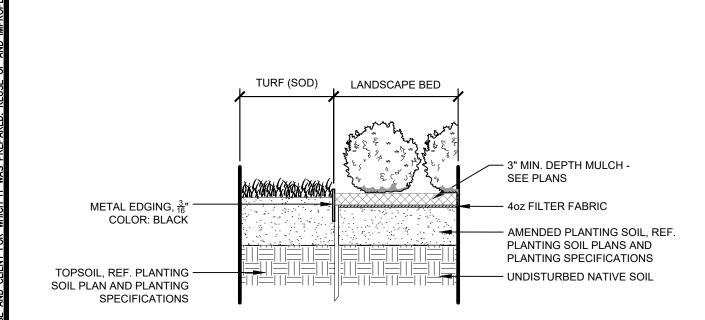
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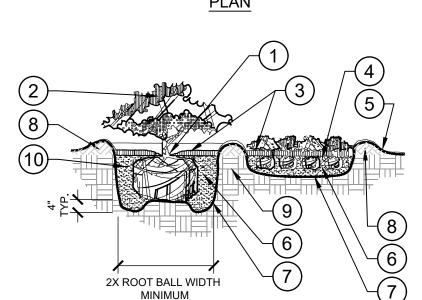
Kimley-Horn and Associates, I

SHEET **11**





METAL EDGER AT PLANTING BED



GROUNDCOVER TO FACE

FRONT OF PLANTING BED.

SCHEDULE FOR SPACING.

MAINTAIN 12" DEAD ZONE-

REFER TO PLANT

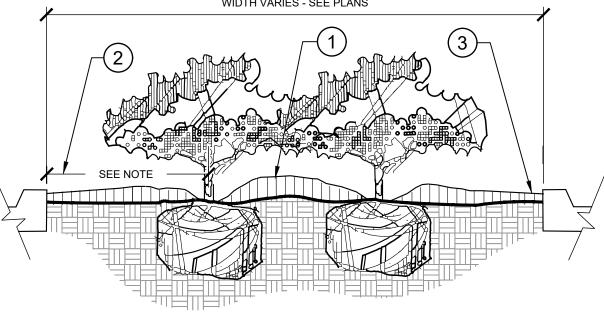
AT BED EDGE.

SECTION

- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING AREAS PRIOR TO INSTALLATION.
- B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.
- LANDSCAPE ARCHITECT. D. PRE-EMERGENT HERBICIDE TO BE APPLIED PRIOR TO PLANT INSTALLATION.

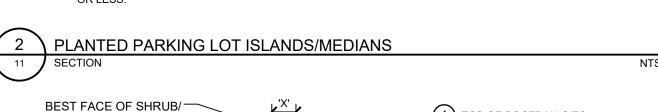
C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY PROJECT

SHRUB/GROUNDCOVER PLANTING



(1) CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS). (2) CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR

- A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF
- B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL



1) TOP OF ROOTBALLS TO BE PLANTED AT GRADE OR SLIGHTLY ABOVE SURROUNDING SOIL. 2" DIA. CLEAR OF MULCH AT TRUNK FLARE.

- (2) PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
- (3) 4" MULCH LAYER AS SPECIFIED.
- (4) EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER (5) FOR CONDITIONS WITH FINISHED
- GRADE OF 4:1 MAX SLOPE ON ALL SIDES (SEE GRADING PLAN). 6) PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN

MASSES. ENTIRE BED TO BE

- AMENDED WITH PLANTING SOIL MIX AS SPECIFIED. 7 SCARIFY PLANT OPENING SIDES AND BOTTOM.
- 8 4" HIGH BERM FIRMLY COMPACTED. (9) UNDISTURBED NATIVE SOIL.
- (10) FERTILIZER TABLETS (MAX 3"

CODE TABLE

LANDSCAPE AREA	•
TOTAL LOT AREA =	39.94 ACRES / 1,739,791 SF

TOTAL GROSS LOT AREA 1,739,791 SF TOTAL BUILDING AREA (EXISTING TO REMAIN) 103,007 SF TOTAL BUILDING AREA (PROPOSED) 89,631 SF NET LOT AREA 1,547,153 SF

22,444 SF NATIVE SEED MIX

SEE DETAILS FOR SEED MIX

TOTAL NET LOT AREA TOTAL LANDSCAPE REQUIREMENT = 309,431 SF

EXISTING LANDSCAPE 285,700 SF PROPOSED LANDSCAPE 79,410 SF TOTAL LANDSCAPE AREA PROVIDED 365,110 SF (23%)

TOTAL COVERAGE (PROPOSED LANDSCAPE AREA) 79,410 x 75% = TOTAL COVERAGE REQUIREMENT = 59,896.5 SF TOTAL COVERAGE PROVIDED = 60,783 (76%) COVERAGE OF GROUND-LEVEL PLANTS REQ. = 19,965.5 (25%) COVERAGE OF GROUND-LEVEL PLANTS PROV. = 33,946 (42%)

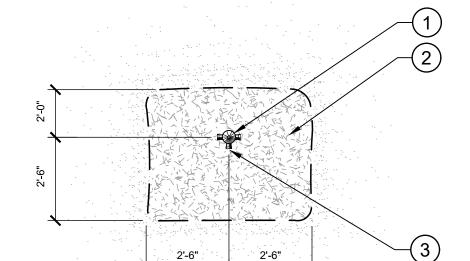
14-6-5-6(F) PARKING LOT LANDSCAPING 258 PROPOSED PARKING STALLS 1 TREE / FOR EACH 10 PARKING STALLS REQUIRED = 26 TREES

26 TREES

14-6-5-6(D) STREET TREE LANDSCAPING

TOTAL TREES PROVIDED

1,118 LF OF STREET FRONTAGE 1 TREE / PER 25 LF OF STREET FRONTAGE REQUIRED = 45 TREES TOTAL TREES PROVIDED



MIN. ½ MATURE

SHRUB WIDTH

1) FIRE HYDRANT. (2) NO PLANT EXCEEDING 12" MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL

— FIRE HYDRANT

MIN. ½ MATURE

SHRŪB WIDTH

MIN. 5' CLEAR

(3) FRONT OF HYDRANT (TOWARD CURB)

ADJUST PLANT

MATERIAL SO THAT NO

CONFLICTS WITH FIRE

HYDRANTS OCCUR ON

SHRUB PLANTING AT FIRE HYDRANT

<u>PLAN</u>

DI ANT CCHEDI II E I ANDCCADE ADEA

NATIVE SEED MIX

PLANT SCHEDULE LANDSCAPE AREA									
DECIDUOUS TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE		
\bigcirc	СО	18	CELTIS OCCIDENTALIS	COMMON HACKBERRY	В&В	2" CAL MIN	10` - 12` HT. MIN.		
\cdot	GS	18	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER'	SHADEMASTER HONEY LOCUST	B & B	2" CAL MIN	10` - 12` HT. MIN.		
(\cdot)	SD	18	SAPINDUS DRUMMONDII	WESTERN SOAPBERRY	B & B	2" CAL MIN	10` - 12` HT. MIN.		
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>CAL</u>	SIZE		
0	JS	17	JUNIPERUS MONOSPERMA	ONESEED JUNIPER	В&В		6, HL MIN		
, , , , , , , , , , , , , , , , , , ,	PN	22	PINUS NIGRA	AUSTRIAN PINE	В&В		6` HT MIN		
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING		
	RM	45,464 SF	1-1/2" - 2" RIVER ROCK MULCH	1-1/2" - 2" RIVER ROCK MULCH	-				
x x x x x x x x x x x x x x x x x x x	XA	11,502 SF	APPLEWOOD SEED MIX	DETENTION SEED MIX	SEED				

MIN. 1/2 MATURE

SHRUB WIDTH

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.

PARKING SPACE/CURB PLANTING

NATIVE SEED MIX

NATIVE-GRASS SEED MIX SHALL BE 50% / 50% (BY WEIGHT) COMBINATION OF BOUTELOUA GRACILIS 'HACHITA' -BLUE GRAMA, AND BUCHLOE DACTYLOIDES -BUFFALO GRASS, APPLIED AT A RATE OF 100# PLS/AC

DETENTION SEED MIX

WATER PLANTAIN ALISMA SUBCORDATUM SWAMP MILKWEED ASCLEPIAS INCARNATA TICKSEED SUNFLOWER **BIDENS ARISTOSA** ALLEGHENY MONKEYFLOWER MIMULUS RINGENS DITCH STONECROP PENTHORUM SEDOIDES **CUTLEAF CONEFLOWER** RUDBECKIA LACINIATA COMMON ARROWHEAD SAGITTARIA LATIFOLIA BLUE VERVAIN VERBENA HASTATA AWL-FRUITED SEDGE FOX SEDGE VIRGINIA WILDRYE SPIKE RUSH

CAREX STIPATA CAREX VULPINOIDEA **ELYMUS VIRGINICUS ELEOCHARIS SPECIES** SOFT RUSH JUNCUS EFFUSUS PATH RUSH JUNCUS TENUIS RICE CUT GRASS LEERSIA ORYZOIDES SWITCHGRASS PANICUM VIRGATUM

SOFTSTEM BULRUSH SCHOENOPLECTUS TABERNAEMONTANI PRAIRIE CORDGRASS SPARTINA PECTINATA

NURSE CROPS: COMMON OATS

AVENA SATIVA ANNUAL RYE LOLIUM MULTIFLORUM

THIS MIX IS COMPOSED OF TENACIOUS SPECIES OF WILDFLOWERS, GRASSES, RUSHES AND SEDGES THAT CAN TOLERATE AREAS THAT ARE INUNDATED PERIODICALLY BY WATER. PRODUCT CODE: DBWT

PLANTING RATE: 35 LBS./ACRE

*MIXTURE MAY VARY OCCASIONALLY FROM THE INDICATED LISTING, BASED ON AVAILABILITY OF INDIVIDUAL SPECIES.

MAJOR AMENDMENT TO GOVERNING SITE PLAN DRB-95-146 (OCT 4, 2023). ADDITONAL LANDSCAPE ADDITIONS TO NEW LANDSCAPE ISLANDS, NEW LANDSCAPE AROUND BUILDING EXPANSION, ALONG EASTERN AND SOUTHERN PROPERTY LINES





FOR REVIEW ONLY NOT FOR CONSTRUCTION Kimley » Horn Kimley-Horn and Associates, I PROJECT NO.

PRELIMINARY

DESIGNED BY: EC

DRAWN BY: EC

CHECKED BY: EIW

ADATE: 10/3/2023

LEGAL DESCRIPTION
TRACT A ATRISCO BUSINES
PARK UNIT 1 CONTAINING
39.775 ACRES

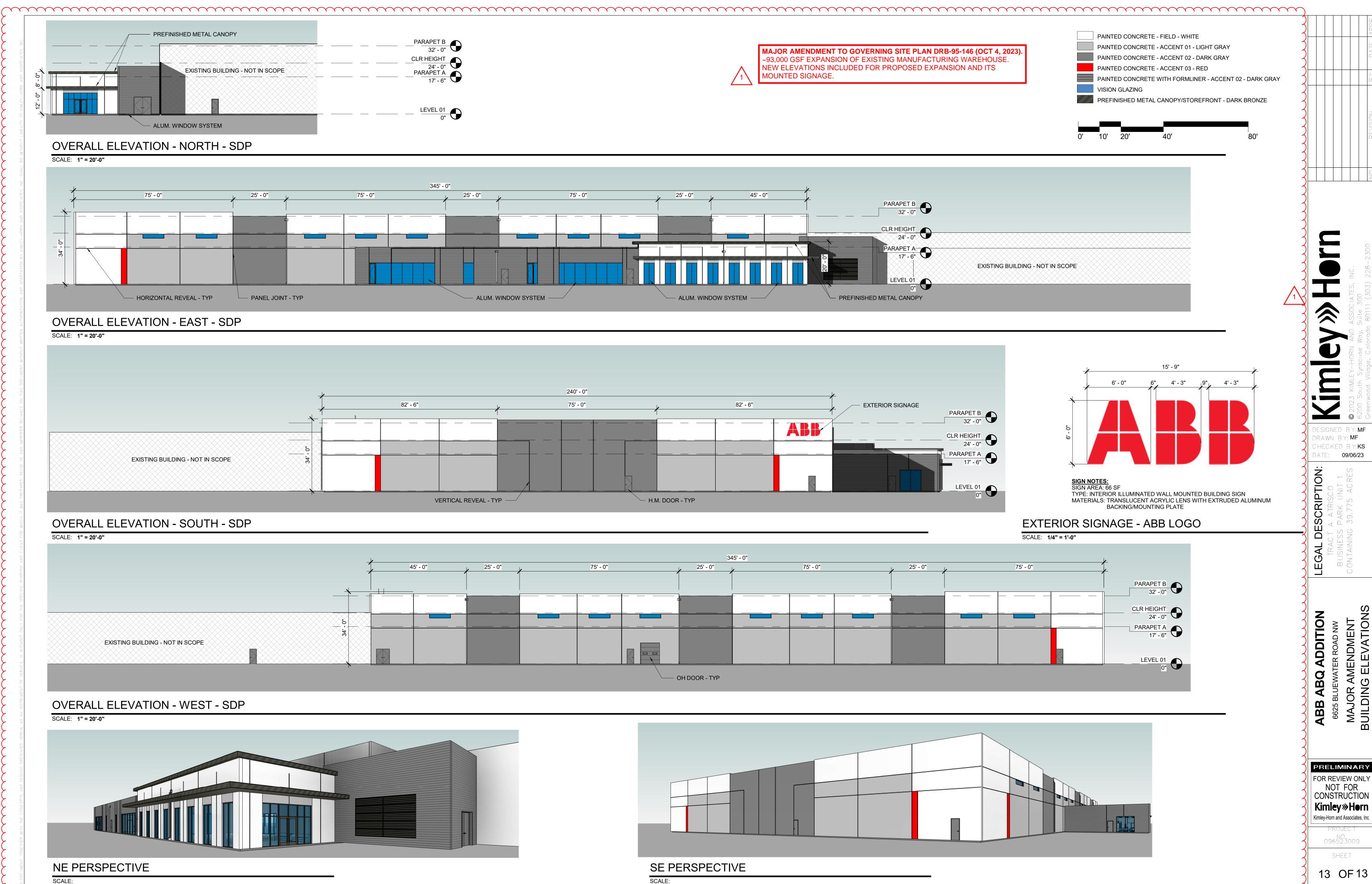
ABQ ADDITION

ABB

AMENDMENT

096523009

SHEET



13 OF 13

NO. 096523009

SHEET

09/06/23



SUPPORTIVE DOCUMENTS

Current DRC	FIGURE 12 Date Submitted:										
Project Number	er:					Date	Site Plan Appro	ved:			
			INFRAS	STRUCTURE LIST		Date Prelin	ninary Plat Appro	oved:			
				(Rev. 2-16-18)		Date Pre	liminary Plat Exp	oires:			
			E	XHIBIT "A"		DHO Project No.:					
			TO SUBDIVISION IN	MPROVEMENTS AGREEM	ENT	[DHO Application	No.:			
			DEVELOPMENT HEARING OFFICE	R (DHO) REQUIRED INFR	ASTRUCTURE LIST						
			TRACT A-1, UNIT	1 ATRISCO BUSINE	SS PARK						
	PROPOSED NAME OF PLAT										
	TRACT A ATRISCO BUSINESS PARK UNIT 1 CONTAINING 39.775 ACRES										
			EXISTING LEGAL DESCRI	PTION PRIOR TO PLATTI	NG ACTION						
and/or in the reitems in the list portions of the administrativel	eview of the constru ting and related fina financial guarantee	ction drawings, incial guarantee. s. All such revis unforeseen items	astructure required to be constructed or finance if the DRC Chair determines that appurtenant. Likewise, if the DRC Chair determines that a sions require approval by the DRC Chair, the law which arise during construction which are ne	items and/or unforeseen ite appurtenant or non-essentia User Department and agent	ems have not been include il items can be deleted froi lowner. If such approvals	ed in the infrastructure list on the listing, those items are obtained, these rev	sting, the DRC 0 s may be deleted risions to the listionsibility will be	Chair may ince d as well as t ing will be inco required as a	lude those he related corporated a condition of		
Financially	Constructed	Size	Type of Improvement	Location	From	То	Priv	truction Cer	City Cnst		
Guaranteed	Under	O.Z.C	Type of improvement	Location	110111	10	Inspector	P.E.	Engineer		
DRC #	DRC#						<u> </u>				
		1,380 sf	Construct new asphalt pavement (new 10.5' wide turn lane)	Bluewater Rd NW	Existing eastern entrance	Eastern property line	,	1	/		
							- ,				
		6" curb and gutter	Construct new curb and gutter	Bluewater Rd NW	Existing eastern entrance	Eastern property line					
		6' wide concrete sidewalk	Construct new concrete sidewalk	Bluewater Rd NW	Existing eastern entrance	Eastern property line	. /		/		
		3,053 sf	Demolition of existing curb and gutter, and sidewalk	Bluewater Rd NW	Existing eastern entrance	Eastern property line	/	/	/		
		1,500 sf	striping	Bluewater Rd NW	Existing eastern entrance	SE property line					
							- /				
							. /				

PAGE ____ OF ____

			proved for Impact Fee credits. Signatures he standard SIA requirements.	from the Impact Fee Ad	ministrator and the C	City User Department is	required prior to	DRB approval	of this
Financially	Constructed	1	·				Cons	struction Cert	ification
Guaranteed	Under	Size	Type of Improvement	Location	From	То		vate	City Cnst
DRC#	DRC#						Inspector	P.E.	Engineer
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					Approval of Cre	ditable Items:	Approval o	of Creditable It	ems:
				NOTES	Impact Fee Adn	nistrator Signature D	ate City User	Dept. Signatu	ire Date
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		if the site	is located in a floodplain, then the financia			WIK IS approved by FEIW	IIA.		
			Street ligh	nts per City rquirements	•				
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KIMLEY-HO	ORN AND AS	SOCIATES							
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Madisor	n Jurewicz 1/30	1/2024							
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			CITY ENGIN	EER - date		HYDROLOGY - d		_	
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			22301111						
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	1.21.01011	-							╡
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September 5, 2023

RE: Sensitive Lands Analysis, 6625 Bluewater Road NW, Tract A

This memo responds to the Sensitive Lands criteria in IDO Section 14-16-5-2 for the lot located at 6625 Bluewater Road NW legally identified as Tract A Atrisco Business Park Unit 1. We have analyzed the project site for the presence of sensitive lands and constraints related to such lands. No sensitive lands will be affected by development on the subject property; however, the site does contain a sensitive land onsite associated with a floodplain.

- a) **Arroyos:** The site does not contain any arroyos.
- b) Floodplains and Special Flood Hazard Areas: The subject site is in an area with a FEMA Flood Zone Designation AE as identified in FEMA FIRM Panel 35001C0329H, which is defined as follows:

AE flood zones are areas that present a 1% annual chance of flooding and a 26% chance over the life of a 30-year mortgage, according to FEMA. These regions are clearly defined in Flood Insurance Rate Maps and are paired with detailed information about base flood elevations.

The AE flood zone is fully contained within the limits of the parcel. The flood zone currently receives concentrated runoff generated from site development and is utilized as the retention basin. The net increase in required detainment volume generated by the new building addition and new paved parking areas will be captured and retained in a separate retention basin in order to avoid any impacts to the existing flood plain. Therefore, the floodplain onsite will remain untouched.



Figure 1: FEMA Flood Zone within Project Limits (shown in red)



- c) **Irrigated Facilities (acequias):** The site is not located in the valley and is not near any irrigation facilities.
- d) Large stands of mature trees: There are existing trees located throughout the lot that were installed per City landscape requirements throughout the various amendments onsite.
- e) Riparian Areas: No rivers or streams occur onsite and no riparian areas are identified.
- f) **Rock Outcroppings:** Outcroppings are defined in the IDO as being at least 6 feet in height and over 500 square feet. Therefore, there are no rock outcroppings on the subject property.
- g) **Significant archaeological sites**: The site has pursued a certificate of no effect as the site is already developed since the 1970's and the expansions proposed area in areas of development.
- h) Steep Slopes and Escarpments: The IDO defines steep slopes as land with 9% slope or greater. The property is relatively flat with minor locations of slopes above 9%. Majority of slopes 9% or greater sit on the adjacent parcels. Proposed improvements will not impact existing onsite steep slopes.

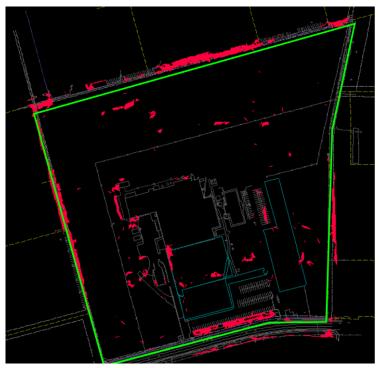


Figure 2: Steep Slopes onsite and adjacent to the subject property





Figure 3: Steep slope of gravel perm facing north from Bluewater Road



Figure 4: Steep slopes in landscape area for trees



Figure 5: Open space/flood zone area

i) **Wetlands:** Utilizing the U.S. Fish and Wildlife Service Wetland Mapper, it is determined that no wetlands exist on the property.

Thank you for your consideration. Please do not hesitate to request any additional information that is needed.

Albuquerque Site & Building Design Considerations

This form should be submitted with all commercial and multifamily site plans, except if the development is industrial or the multifamily is less than 25 units. The project architect <u>and</u> landscape architect must complete the evaluation and sign the end of this form (fillable in Adobe Acrobat Reader).

The City of Albuquerque design philosophy promotes building performance: buildings that are sustainable and that promote the health and well-being of its citizens. This design philosophy will result in architecture that is unique to Albuquerque and fosters a sense of place and identity.

The most important aspect of a building is the building's ability to function well in response to its surroundings and the unique environmental constraints and opportunities of its specific location. They include bio-climate (winter and summer), solar access and impact, and views of Albuquerque's prominent geographic features. Albuquerque has compelling environmental forces--the daily and seasonal position of the sun, and a very unique force, the dramatic views to the Sandia mountains and other physical features. These are not subjective forces but rather tangible and timeless forces. They are physical properties that can be measured and documented. When architects and landscape architects acknowledge and respond to these forces, the resulting design is unique to Albuquerque in its aesthetic expression and its function.

Design Considerations for Compliance with IDO Section 5-2 (D)

In Albuquerque, building and site design must consider summer and winter climate zones in combination due to our high desert location. Albuquerque also has dramatic views of the Sandia mountains and other physical features that can be captured in windows, patios, and balconies. Identify by checking the box that you have achieved, achieved in part, or evaluated only the following design principles in your site and building layout and building design.

Section A.

General Site Arrangement and Building Orientation:

1.	The building design should account for sun and shadow in a sun and shade analysis. The design should allow for heat loss during the summer months and heat gain during the winter months. Specific submittal requirements for the sun and shade analysis are in Section B.
	Achieved in Part Evaluated Only
2.	The building shapes should account for strong solar radiation effects on the east and west sides of the building and may encourage consideration of a slender elongation. Building wings extending on the east-west axis are preferable.
	Achieved
3.	Buildings oriented slightly east of south are preferable to secure balanced heat distribution.
	Achieved in Part Evaluated Only

4.	Design should excessive.	allow for wint	er sun penetration and r	may inform depths of interiors so as not be
	Achieved		Achieved in Part	Evaluated Only
5.	Design should	allow for natu	ral ventilation as much a	as possible.
	Achieved		Achieved in Part	Evaluated Only 🗸
Bui	ilding Entries a	nd Windows:		
6.	_			es are preferable. South facing windows horizontal overhangs, projections, or
	Achieved		Achieved in Part	Evaluated Only
7.	North facing e	ntries should b	pe carefully considered b	pecause they receive no direct sunlight
	during much o	of the winter a	nd increase the need for	snow and ice remoyal.
	Achieved		Achieved in Part	Evaluated Only
8.	North facing v	vindows are er	couraged as they requir	e little to no shading.
	Achieved		Achieved in Part	Evaluated Only
9.	Any west facir	ng building ent	ries and windows should	d mitigate solar effects.
	Achieved		Achieved in Part	Evaluated Only N/A
Ou	tdoor Element	s (Integration)	:	
10.	Site plan desig	n should spati	ally connect outdoor and	d indoor areas
_0.	Achieved		Achieved in Part	Evaluated Only
11.	-	nged around la	, -	s are preferred to use evaporative cooling
	Achieved		Achieved in Part	Evaluated Only
12.	Buildings shou	ıld be shaded l	by trees on all sun-expos	sed sides, especially the east and west
	Achieved		Achieved in Part	Evaluated Only
13.	Trees placeme	ent should be i	n combinations of two-t	hirds deciduous to one-third evergreen.
	Trees selection	n should have t	three or more tree types	s to avoid loss of species due to disease.
	Achieved	\square	Achieved in Part	Evaluated Only
14.	Preservation o	or restoration o	of vegetation that is indig	genous to Albuquergue is preferred.
	Achieved		Achieved in Part	Evaluated Only

Deciduous trees planted in small or large groups are preferred.
Achieved Achieved in Part Evaluated Only
16. Outdoor residential living areas should be designed to take advantage of sun in winter months and shading in summer months. Patios and balconies should have a thoughtful solar orientation and a close relationship to nature. Achieved
17. Paving should be used discriminately and, where used, efforts should be made to shade the
paving. Achieved in Part Evaluated Only
Views: 18. Where the site has view potential, capture views of prominent visual formsthe Sandia mountains and foothills, the Bosque Rio Grande, Volcanos and escarpmentin windows, balconies, and patios. (Please note on the site layout and/or elevations where views are captured.)
Achieved Achieved in Part Evaluated Only
By checking the boxes of the Design Considerations and signing, I verify that the items have been thoroughly evaluated in the design of ProjectABB ABQ Addition and Application No
Signature of Project Architect/License No. Signature of Project Landscape Architect/License No.

Section B.

Sun and Shade Analysis requirements in compliance with 5-2(D)(1):

A solar shading analysis shall be submitted with all site plan submittals, except for industrial development and multi-family residential development containing less than 25 units.

The desired outcome is that *summer sun* be shaded at least 50% or more on transparent windows and doors at three peak times on each facade.

The desired outcome is that 75% of *winter sun* should reach transparent windows and doors at noon on each facade.

The submittal shall include sun and shade analysis on elevations of all primary facades with a minimum of four elevations. Screen shots from a program like SketchUp are acceptable.

Summer Sun Analysis

- 1. Show the effects of summer sun on windows on the following date and times:
 - a. May 21st analysis:
 - 9:00 AM
 - Noon
 - 4:00 PM
 - b. The shading study for May should show the percentage of shading of transparent windows and doors at 9 am and 4 pm. The desired outcome is that 50% or more of the transparent windows and doors be shaded at 9 am and 4 pm on each façade.
 - c. The shading study for May should show the percentage of shading of transparent windows and doors at noon. The desired outcome is for 90% or more of transparent windows and doors be shaded at noon on each façade.
 - d. Plantings may be modeled and included in the shading analysis. Use the mature size of trees and large shrubs according to the Albuquerque Plant List.
 - e. If no sun is influencing a façade at any of the above times, the graphic should simple state "no solar effect."

Winter Sun Analysis

- 2. Show the effects of winter sun on windows on the following date and time:
 - a. November 21st analysis:
 - Noon
 - b. The shading study for November will show the amount of sun reaching the transparent windows or doors and not shaded. The desired outcome is for 75% of available sun to reach the windows or doors on each facade.

Project #: _____ Application #: _____

·	ness of site plans submitted for review by the Planning in type and scale, there may be submittal requirements
that are not specified here. Also there may addition VPO or if located in DT-UC-MS or PT areas. See the	nal requirements if a site is located in CPO, HPO, and/or e IDO or AGIS for boundaries. Nonetheless, applicants are
responsible for providing a complete submittal. Certifi	ication as specified below is required.
SPECIFIED IN THIS CHECKLIST IS PROVIDED. FURTHEI	TE AND ACCURATE, AND THAT ALL APPLICABLE INFORMATION AS R, I UNDERSTAND THAT THIS APPLICATION IS BEING ACCEPTED COMPLETE INFORMATION MAY RESULT IN THE SUBSEQUENT
A DELAY OF ONE MONTH OR MORE IN THE DATE THE APPLICATION IS SCHEDULED FOR PUBLIC HEARING.	Madison Jurewicz 9/6/2023
	Applicant or Agent Signature / Date

Site plan packets shall be composed of the following plan sheets (unless otherwise approved in writing prior to submittal by the Planning Department):

- **Site Plan (**including utilities and easements)
- Landscaping Plan 2.
- **Grading and Drainage Plan** 3.
- **Utility Plan** 4.
- **Building and Structure Elevations** 5.
- Previously approved Development Plan (if applicable) 6

The electronic format must be organized in the above manner.

The following checklist describes the minimum information necessary for each plan element. The Applicant must include all checklist items on their site plan drawings and confirm inclusion by checking off the items below. Non-applicable items must be labeled "N/A." Each non-applicable designation must be explained by notation on the Checklist.

NOTE: There may be addition information required if site is located with a CPO, VPO or HPO and/or any other special areas as defined by the IDO.

NOTE: If there requests for deviations (Section 14-16-6-4(O), they must be clearly labelled on the site plan (Sheet 1) as well as addressed in the application letter made with the submittal.

SHEET #1 - SITE PLAN

A. General Information



1. Date of drawing anajor last revision 2. Scale: 1.0 acre or less 1" = 10' Date of drawing and/or last revision

1.0 - 5.0 acres 1" = 20' Over 5 acres 1" = 50' Over 20 acres 1" = 100'

Bar scale North arrow Legend

Scaled vicinity map

Property lines (clearly identify)

Existing and proposed easements (identify each)

Phases of development, if applicable

B. Proposed Development

1. Structural

Location of existing and proposed structures (distinguish between existing & proposed) and include any accessory structures

<u>¥</u>B. <u>Y</u>C. <u>n/a</u> D. Square footage of each structure Proposed use of each structure

Signs (freestanding) and other improvements

Walls, fences, and screening: indicate height, length, color and materials

Dimensions of all principal site elements or typical dimensions

Loading facilities

Site lighting (indicate height & fixture type)

Indicate structures within 20 feet of site

Elevation drawing of refuse container and enclosure, if applicable.

Existing zoning/land use of all abutting properties

2. Parking, Loading and Internal Circulation

Parking layout with spaces numbered per aisle and totaled.

Location and typical dimensions, including motorcycle spaces, bicycle spaces, ADA accessible spaces, and compact spaces

Calculations: spaces required and proposed (include any reduction calculations) for motorcycle, bicycle, compact and ADA spaces

On street parking spaces

Bicycle parking & facilities

Bicycle racks – location and detail

Other bicycle facilities, if applicable

Vehicular Circulation (Refer to DPM and IDO)

Ingress and egress locations, including width and curve radii dimensions

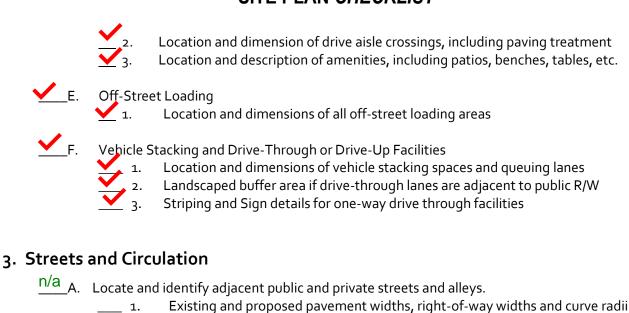
Drive aisle locations, including width and curve radii dimensions

End aisle locations, including width and curve radii dimensions Location & orientation of refuse enclosure, with dimensions

Loading, service area, and refuse service locations and dimensions

✓D. Pedestrian Circulation

Location and dimensions of all sidewalks and pedestrian paths (including ADA connection from ROW to building and from ADA parking to building)



 $\underline{n/a}$ B . Identify Alternate transportation facilities within site or adjacent to site

_ 1. Bikeways and bike-related facilities

Location of street lights

2. Pedestrian trails and linkages3. Transit facilities, including rou

_____ 3. Transit facilities, including routes, bus bays and shelters existing or required

Show and dimension clear sight triangle at each site access point

related to the functioning of the proposal, with dimensions

Identify existing and proposed medians and median cuts

Sidewalk widths and locations, existing and proposed

Identify existing and proposed turn lanes, deceleration lanes and similar features

Location of traffic signs and signals related to the functioning of the proposal

Show location of all existing driveways fronting and near the subject site.

4. Phasing

n/a A. Proposed phasing of improvements and provision for interim facilities. Indicate phasing plan, including location and square footage of structures and associated improvements including circulation, parking and landscaping.

SHEET #2 - LANDSCAPING PLAN

____ 2.

____ 4.

____ 7.



1. Scale - must be same as scale on sheet #1 - Site plan

2. Bar Scale

3. North Arrow

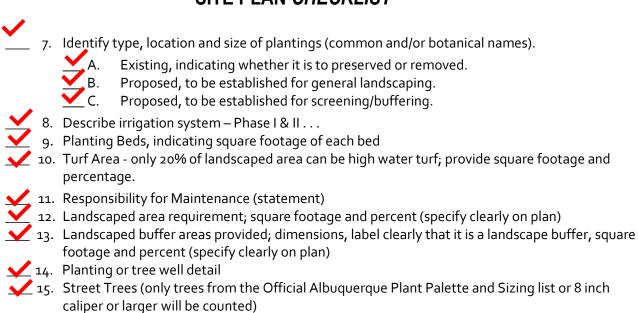
4. Property Lines

5 Existing and proposed easements

6. Identify nature of ground cover materials

A. Impervious areas (pavement, sidewalks, slope pavings, curb and gutters, etc.)

Pervious areas (planting beds, gravel areas, grass, ground cover vegetation, etc.)
Ponding areas either for drainage or landscaping/recreational use



SHEET #3 -GRADING AND DRAINAGE PLAN

requirements

A separate grading and drainage plan (and drainage report) must be submitted to the DRS Hydrology Section prior to the DRB submittal for a site plan (See DRWS Form).

16. Parking lot edges and interior – calculations, dimensions and locations including tree

_ 17. Show Edge Buffer Landscaping (14-16-5-6(D)) — location, dimensions and plant material

A. General Information

Scale - must be same as Sheet #1 - Site Plan
 Bar Scale
 North Arrow
 Property Lines
 Existing and proposed easements
 Building footprints

B. Grading Information

On the plan sheet, provide a narrative description of existing site topography, proposed grading improvements and topography within 100 feet of the site.
 Indicate finished floor elevation and provide spot elevations for all corners of the site (existing and proposed) and points of maximum cut or fill exceeding 1 foot.

3. Identify ponding areas, erosion and sediment control facilities.

4. Cross Sections Provide cross section for all perimeter property lines where the grade change is greater than 4 feet at the point of the greatest grade change. Provide one additional cross section in each direction within no more than 100 feet of the reference point.

SHEET #4- UTILITY PLAN

A. Fire hydrant locations, existing and proposed. (or submit signed off Fire One Plan)

B. Distribution lines

C. Right-of-Way and easements, existing and proposed, on the property and adjacent to the boundaries, with identification of types and dimensions.

D. Existing water, sewer, storm drainage facilities (public and/or private).

E. Proposed water, sewer, storm drainage facilities (public and/or private)

SHEET #5 - BUILDING AND STRUCTURE ELEVATIONS

A. General Information

Scale Bar Scale

Detailed Building Elevations for each facade

✓1. Identify facade orientation

2. Dimensions of facade elements, including overall height and width

Location, material and colors of windows, doors and framing

4. Materials and colors of all building elements and structures

25. Location and dimensions of mechanical equipment (roof and/or ground mounted)

B. Building Mounted Signage

✓ 1. Site location(s)

Sign elevations to scaleDimensions, including height and width

Sign face area - dimensions and square footage clearly indicated

Lighting

Materials and colors for sign face and structural elements.

List the sign restrictions per the IDO



September 1, 2023

Letter of Authorization

To whom it may concern,

Please accept this letter to authorize Madison Jurewicz with Kimley-Horn and Associates to submit the Site Plan Application to the City of Albuquerque on behalf of the owners. This authorization is for the development of Tract A Atrisco Business Park Unit 1 located at 6625 Bluewater Road NW.

Let us know if you have any additional questions regarding this authorization.

Thank you for your time and consideration.

Sincerely

David Jaramillo General Manager, Albuquerque Facility





January 31, 2024

Development Facilitation Team City of Albuquerque Planning Department P.O. Box 1293 Albuquerque, NM 87103

RE: SITE PLAN – ADMINISTRATIVE DFT JUSTIFICATION LETTER ABB ABQ ADDITION 6625 BLUEWATER ROAD

Dear Development Facilitation Team,

Please find the following request for approval of a Site Plan – Administrative DFT Submittal for the subject property know as ABB ABQ Addition. The subject site included is legally described as Tract A Atrisco Business Park, Unit 1, zoned NR-BP, and totals approximately thirty-nine acres (J-10-Z).

Project History

The site has been developed since the 1970's. The most recent Site Amendment was approved in 1995. The lot is currently utilized by ABB for uses associated with Light Manufacturing. A separate building exists for administrative uses. The existing manufacturing warehouse totals approximately 90,000 square feet.



Map showing Subject Site in Red



The site is located within the Atrisco Business Park Master Plan (ABP Master Plan). The original approved land use on the subject site was IP Industrial Park, with zoning SU-1 for Planned Industrial Park, which converted to NR-BP upon adoption of the IDO. SU-1 zones were controlled by the EPC.



City Zoning Maps

Proposed Site Plan and IDO Justification

The project includes the expansion of an existing manufacturing warehouse and extension of existing onsite parking. The 93,000 gsf building expansion will include additional manufacturing area, a customer experience center, conference room, and employee break and restrooms, and will connect to the existing approximate 93,000 gsf manufacturing warehouse.

Additional site improvements will include:

- 1. New landscape along the building expansion, new landscape islands, and site perimeter in compliance with the latest IDO.
- 2. Relocating existing parking demolished by the building expansion and increased onsite paved parking areas. The total parking count is estimated at 368 stalls.
- 3. Relocation of an existing onsite fire hydrant and fire supply line to route around the proposed addition. Additional wet and dry utilities to support expansion.
- 4. Offsite improvements associated with a new right turn lane into the project site and left turn striping revisions at the intersection of Coors Blvd & Bluewater and Unser & Bluewater. These will be tied to the Site Plan process.

The Expansion project has gone through the following City process:

- 1) Major Amendment to Site Plan EPC (PR-2023-009209): A Major Amendment to the governing site plan was submitted and hear on 10/19/2023 and received conditional approval.
- 2) <u>Sketch Plan with DFT (PR-2023-009833)</u>.: A Sketch plan submission was made to the DFT and reviewed on 11/01/2023. Following the Sketch Plan Review, coordination was had with Bonnie



Strange and Jolene Wolfley regarding City review comments pertaining to Building Façade, screening, and site landscaping. Email correspondence is attached noting the permitted increase shade tree spacing along the sidewalk adjacent to the eastern building face and removal of request to provide screening landscaping along the R-MH zoned parcel along the NW parcel corner.

14-16-6(G)(3) Site Plan EPC – Review and Decision Criteria

(a) – The Site Plan complies with all applicable provisions of this IDO, the DPM, there adopted City regulations, and any terms and conditions specifically applied to development of the property in a prior permit or approval affecting the property.

Response: The property complies will all requirements of the IDO, the DPM, and previous approvals. The Site Plan provides adequate onsite parking for standard, handicap, motorcycle, and bicycle parking. The site provides approximately 368 parking stalls, 9 being ADA stalls and 4 being EV charging. There are also 6 motorcycles, 1 loading, and 20 bicycle spots. Two onsite detention basins are proposed to capture the net increase of stormwater runoff prior to discharging into the onsite flood zone. Additional landscaping is proposed along Bluewater Road in accordance with the current IDO. Landscape improvements have been limited to the extents of the proposed expansion. The proposed expansion building height is in compliance with the maximum building height allowed on the zoned lot.

(b) – The City's existing infrastructure and public improvements, including but not limited to its streets, trails, drainage, and sidewalk systems, have adequate capacity to serve the proposed development, or the applicant has agreed to install required infrastructure and public improvements pursuant to Subsection 1-6-1-7(B)(2) and 14-16-5-4(N) and/or signed an Infrastructure Improvement Agreement (IIA) pursuant to Subsection 14-16-5-4(O) to add adequate capacity.

Response: Due to the total anticipated daily traffic post expansion, a Traffic Impact Study is required for the site due to the increase of daily employees from the building expansion. The City/NMODT have requested public improvements. These improvements include increase the West Bound left turn lane queue length at Unser and Bluewater intersection, adding a secondary east bound left turn lane at the intersection of Coors Blvd and Bluewater, and installing a new right turn lane into the project site. These improvements will be tied to the Site Plan process as ROW dedication is required for right turn lane installation which is through the DHO via a Minor plat.

The existing curb cuts will be utilized by the expansion. Public sidewalk existing within the private site and public sidewalk existing along the frontage road, Bluewater Road that provides connectivity to the surrounding public streets and public transit stops. All drainage will remain onsite and will drain to one of two proposed detention basins that will mitigate the increased impervious runoff due to the expansion prior to draining to the onsite flood zone. No existing trails existing on or adjacent to the site.

(c) – If the subject proposed is within an approved Master Development Plan, the Site Plan shall meet any relevant standards in the Master Development Plan in addition to any IDO standards applicable in the zone district the subject property is in.

Response: The subject site is within the Atrisco Business Park master development and complies with all requirements within the comp plan. The Master Development requires screening of parking areas from public adjacent streets. Along Bluewater Road additional trees and shrubbery is proposed to provide additional screening of the onsite parking. Site security fencing, that currently exists, complies with the Master Development requirement of a mixture of masonry pillars and decorative wrought iron fencing. The security fencing along Bluewater Road currently consists of a mixture of masonry pillars and wrought iron fencing. Rooftop equipment will be screened from public view by materials of the same nature of the



building's basic materials. Parapets are proposed along the building roof to providing screening of any equipment on the roof.

(d) – If the subject property is within an approved Framework Plan, the Site Plan shall meet any relevant standards in the Framework Plan in addition to any IDO standards applicable to the type of development.

Response: N/A the site is not within a Framework Plan.

Conclusion

Based on the information provided, we are requesting the DFT's approval of this Site Plan - Administrative to continue forward with pursuing Building Permits and construction onsite. If you have any questions, please reach out me at (720)464-2539 or madison.jurewicz@kimley-horn.com.

Sincerely,

Madison Jurewicz, EIT

Project Manager

Kimley-Horn and Associates



Tim Keller, Mayor Sarita Nair, CAO

City of Albuquerque

P.O. Box 1293 Albuquerque, NM 87103 **Planning Department**

Alan Varela, Interim Director

DATE:				
SUBJECT:				
Case Number(s): Agent: Applicant: Legal Description: Zoning: Acreage: Zone Atlas Page(s):				
CERTIFICATE OF NO EFFECT:	Yes	No		
CERTIFICATE OF APPROVAL:	Yes	No		
SUPPORTING DOCUMENTATION:				
SITE VISIT: RECOMMENDATIONS:				
SUBMITTED BY:			SUBMITTED TO:	



REQUIRED NOTICES PER IDO TABLE 6-1-1

SIGN POSTING AGREEMENT

REQUIREMENTS

POSTING SIGNS ANNOUNCING PUBLIC HEARINGS

All persons making application to the City under the requirements and procedures established by the Integrated Development Ordinance are responsible for the posting and maintaining of one or more signs on the property which is subject to the application, as shown in Table 6-1-1. Vacations of public rights-of-way (if the way has been in use) also require signs. Waterproof signs are provided at the time of application for a \$10 fee per sign. If the application is mailed, you must still stop at the Development Services Front Counter to pick up the sign(s).

The applicant is responsible for ensuring that the signs remain posted throughout the 15-day period prior to any public meeting or hearing. Failure to maintain the signs during this entire period may be cause for deferral or denial of the application. Replacement signs for those lost or damaged are available from the Development Services Front Counter.

1. LOCATION

- A. The sign shall be conspicuously located. It shall be located within twenty feet of the public sidewalk (or edge of public street). Staff may indicate a specific location.
- B. The face of the sign shall be parallel to the street, and the bottom of the sign shall be at least two feet from the ground.
- C. No barrier shall prevent a person from coming within five feet of the sign to read it.

NUMBER

- A. One sign shall be posted on each paved street frontage. Signs may be required on unpaved street frontages.
- B. If the land does not abut a public street, then, in addition to a sign placed on the property, a sign shall be placed on and at the edge of the public right-of-way of the nearest paved City street. Such a sign must direct readers toward the subject property by an arrow and an indication of distance.

PHYSICAL POSTING

- A. A heavy stake with two crossbars or a full plywood backing works best to keep the sign in place, especially during high winds.
- B. Large headed nails or staples are best for attaching signs to a post or backing; the sign tears out less easily.

4.	TIME				
Signs mu	st be pos	ted from	To		
5.	REMO	VAL			
	А. В.	<u> </u>	noved before the initial hearing oved within five (5) days after t	•	
		posted for (15) days and	(B) where the sign(s) are to be	nt Counter Staff. I understand (
		Madison	Jurewicz	1/30/2024	
	_		(Applicant or Agent)	(Date)	
I issued _	sigr	ns for this application, $\;\;_$,,,	(Staff Member)	
		PROJEC	T NUMBER:		

Watkins, Cole

From: Office of Neighborhood Coordination <onc@cabq.gov>

Sent: Thursday, February 22, 2024 1:32 PM

To: Watkins, Cole Cc: Phelps, Randall

Subject: 6625 Bluewater Rd NW_FW: ABB ABQ - Office of Neighborhood Coordination Notice

You don't often get email from onc@cabq.gov. Learn why this is important

PLEASE NOTE:

The neighborhood association contact information listed below is valid for 30 calendar days after today's date.

Dear Applicant:

Please find the neighborhood contact information listed below. Please make certain to read the information further down in this e-mail as it will help answer other questions you may have.

Association Name	Association Email	First Name	Last Name	Email
Los Volcanes NA		Ted	Trujillo	nedcarla@live.c
Los Volcanes NA		Doug	Cooper	douglascooper@
South West Alliance of Neighborhoods (SWAN Coalition)	jgallegoswccdg@gmail.com	Jerry	Gallegos	jgallegoswccdg
South West Alliance of Neighborhoods (SWAN Coalition)	jgallegoswccdg@gmail.com	Geraldine	Ulibarri	gerulibarri1@gn

The ONC does not have any jurisdiction over any other aspect of your application beyond this neighborhood contact information. We can't answer questions about sign postings, pre-construction meetings, permit status, site plans, buffers, or project plans, so we encourage you to contact the Planning Department at: 505-924-3857 Option #1, e-mail: devhelp@cabq.gov, or visit: https://www.cabq.gov/planning/online-planning-permitting-applications with those types of questions.

Please note the following:

- You will need to e-mail each of the listed contacts and let them know that you are applying for an approval from the Planning Department for your project.
- Please use this online link to find the required forms you will need to submit your permit application. https://www.cabq.gov/planning/urban-design-development/public-notice.
- The Checklist form you need for notifying neighborhood associations can be found here: https://documents.cabq.gov/planning/online-forms/PublicNotice/CABQ-Official_public_notice_form-2019.pdf.
- The Administrative Decision form you need for notifying neighborhood associations can be found here: https://documents.cabq.gov/planning/online-forms/PublicNotice/Emailed-Notice-Administrative-Print&Fill.pdf

• Once you have e-mailed the listed contacts in each neighborhood, you will need to attach a copy of those e-mails AND a copy of this e-mail from the ONC to your application and submit it to the Planning Department for approval.

If your application requires you to offer a neighborhood meeting, you can click on this link to find required forms to use in your e-mail to the neighborhood association(s):

http://www.cabq.gov/planning/urban-design-development/neighborhood-meeting-requirement-in-the-integrated-development-ordinance

If your application requires a pre-application or pre-construction meeting, please plan on utilizing virtual platforms to the greatest extent possible and adhere to all current Public Health Orders and recommendations. The health and safety of the community is paramount.

If you have questions about what type of notification is required for your particular project or meetings that might be required, please click on the link below to see a table of different types of projects and what notification is required for each:

Thank you,

Suzie



Suzie Flores Senior Administrative Assistant

Office of Neighborhood Coordination (ONC) | City Council Department | City of Albuquerque (505) 768-3334 Office

E-mail: suzannaflores@cabq.gov
Website: www.cabq.gov/neighborhoods

From: Watkins, Cole <Cole.Watkins@kimley-horn.com>

Sent: Thursday, February 22, 2024 1:28 PM

To: Office of Neighborhood Coordination <onc@cabq.gov> Cc: Phelps, Randall <randall.phelps@kimley-horn.com>

Subject: RE: ABB ABQ - Office of Neighborhood Coordination Notice

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Hi,

Neighborhood Meeting Request for a Proposed Project in the City of Albuquerque

Date of F	Request*: 2/22/2024							
This requ	uest for a Neighborhood Meeting for a proposed project is provided as required by Integrated							
Develop	ment Ordinance (IDO) Subsection 14-16-6-4(K) Public Notice to:							
Neighbo	rhood Association (NA)*: Los Volcanes NA and SWAN Coalition							
Name of	NA Representative*: See attached Neighborhood Contact List							
Email Ad	dress* or Mailing Address* of NA Representative1: See attached Neighborhood Contact List							
The appl	ication is not yet submitted. If you would like to have a Neighborhood Meeting about this							
propose	d project, please respond to this request within 15 days. ²							
	Email address to respond yes or no: Cole.watkins @kimley-horn.com							
The appl	icant may specify a Neighborhood Meeting date that must be at least 15 days from the Date of							
Request	above, unless you agree to an earlier date.							
ſ	Meeting Date / Time / Location:							
	TBD - dependent on NA							
Project I	nformation Required by <u>IDO Subsection 14-16-6-4(K)(1)(a)</u>							
1. 9	Subject Property Address* 6625 Bluewater Rd NW, Albuquerque, NM 87121							
	Location Description							
	Property Owner*_ ABB_Installations Agent/Applicant* [if applicable] Cole.watkins @ Kimley-Horn and Associates							
	Application(s) Type* per IDO <u>Table 6-1-1</u> [mark all that apply]							
	☐ Conditional Use Approval ☐ Permit (Carport or Wall/Fence – Major)							
_	Permit (Carport or Wall/Fence – Major) Site Plan - Administrative							
	Subdivision (Minor or Major)							
	·							

¹ Pursuant to <u>IDO Subsection 14-16-6-4(K)(5)(a)</u>, email is sufficient if on file with the Office of Neighborhood Coordination. If no email address is on file for a particular NA representative, notice must be mailed to the mailing address on file for that representative.

² If no one replies to this request, the applicant may be submitted to the City to begin the review/decision process.

	□ Vacation	(Easement/Private Way or Public Right-of-way)					
	□ Variance	(casement, made way or rable hight or way)					
	□ Waiver						
	☐ Zoning Map Amendment						
	Summary of project/request ³ *:						
5.	existing 93,000 gsf manufa	r an approximate 93,000 gsf building expansion to the acturing building. The expansion project proposes sing lot. A Major Amendment NA meeting was held on ject. decided by*:					
5.	OR at a public meeting or hearing	•					
	☐ Zoning Hearing Examiner (ZHE						
	☐ Landmarks Commission (LC)	☐ Environmental Planning Commission (EPC)					
	☐ City Council	✓Development Facilitation Team (DFT)					
	Where more information about orn and Associates: Cole.v						
Projec	t Information Required for Ma	ail/Email Notice by <u>IDO Subsection 6-4(K)(1)(b)</u> :					
1.	Zone Atlas Page(s)*5	'. & K-10-Z					
		ons of the proposed building(s) or other illustrations of the					
	proposed application, as relevant*: Attached to notice or provided via website noted above						
3.							
	☐ Deviation(s) ☐ Varia						
	Explanation:	_ ranel(s)					
	Non-Applicable						
		hborhood Meeting is required by Table 6-1-1*: Yes \Box No					

[Note: Items with an asterisk (*) are required.]

³ Attach additional information, as needed to explain the project/request. Note that information provided in this meeting request is conceptual and constitutes a draft intended to provide sufficient information for discussion of concerns and opportunities.

⁴ Address (mailing or email), phone number, or website to be provided by the applicant

⁵ Available online here: <u>http://data.cabq.gov/business/zoneatlas/</u>

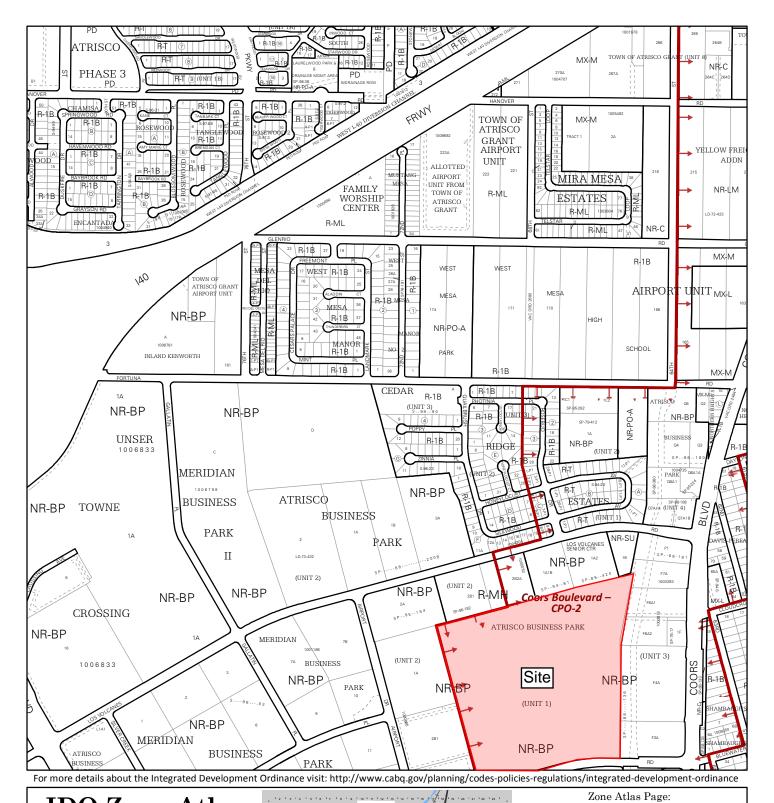
[Note: Items with an asterisk (*) are required.]

5. For Site Plan Applications only*, attach site plan showing, at a minimum:

✓ a. Location of proposed buildings and landscape areas.*

	b . Access and circulation for v	vehicles and pedestria	1s. *						
	c. Maximum height of any proposed structures, with building elevations.*								
	d. For residential development*: Maximum number of proposed dwelling units.								
	e. For non-residential develo	pment*:							
	Y Total gross floor area of	of proposed project.							
	Gross floor area for ea	ch proposed use.							
Ad	ditional Information:								
1.	From the IDO Zoning Map ⁶ :								
	a. Area of Property [typically in ac.	res] 39.8 acres							
	b. IDO Zone District NR-BP								
	c. Overlay Zone(s) [if applicable]	Character Protection	Over Zo	one 3-4					
	d. Center or Corridor Area [if appli	cable]							
2.	Current Land Use(s) [vacant, if no								
		.0,							
Useful	Links								
	Integrated Development Ordinance	e (IDO):							
	https://ido.abc-zone.com/	. ,							
	IDO Interactive Map								
	https://tinyurl.com/IDOzoningmap								
Cc:		[Othe	r Neighbo	orhood Asso	ciations, if any]				
Associatio	n Nama	Association Email	First	Last Name	Email				
1330018110	ii Naine	ASSOCIATION Email	Name	Last Wallie	Lindii				
os Volcan			Doug	Cooper	douglascooper@hotmail.com				
os Volcan	es NA		Ted	Trujillo	nedcarla@live.com				
outh Wes	t Alliance of Neighborhoods (SWAN	jgallegoswccdg@gmail.com	Luis	Hernandez Jr.	luis@wccdg.org				
	t Alliance of Neighborhoods (SWAN	jgallegoswccdg@gmail.com	Jerry	Gallegos	jgallegoswccdg@gmail.com				

⁶ Available here: https://tinurl.com/idozoningmap

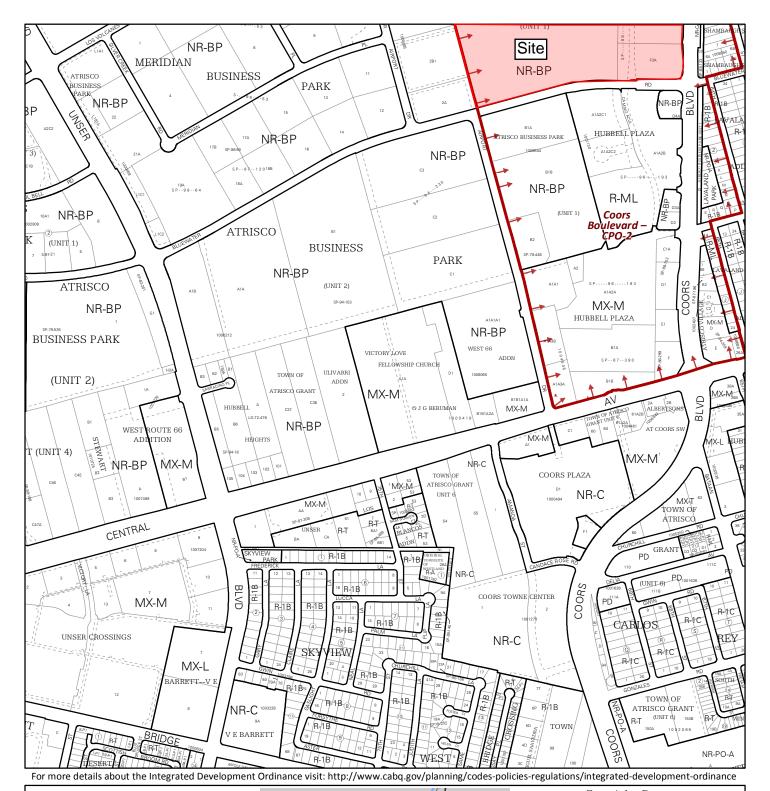


IDO Zone Atlas J-10-Z May 2018 Escarpment Easement)Petroglyph National Monument Areas Outside of City Limits Airport Protection Overlay (APO) Zone Character Protection Overlay (CPO) Zone Historic Protection Overlay (HPO) Zone IDO Zoning information as of May 17, 2018 **Gray Shading** View Protection Overlay (VPO) Zone The Zone Districts and Overlay Zones Represents Area Outside are established by the **∃** Feet of the City Limits

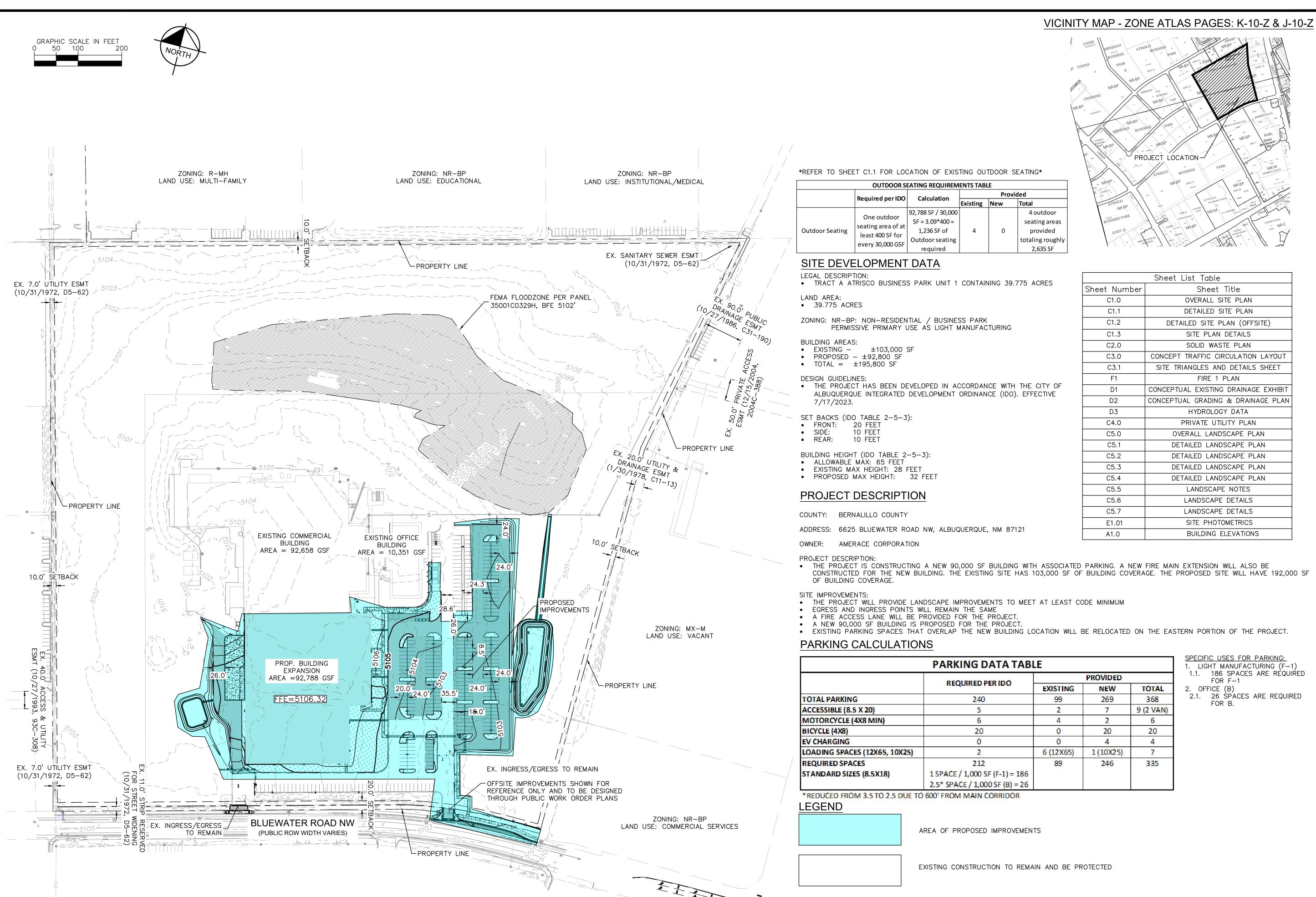
250

1,000

Integrated Development Ordinance (IDO).



Zone Atlas Page: **IDO Zone Atlas** K-10-ZMay 2018 Escarpment Easement Petroglyph National Monument Areas Outside of City Limits Airport Protection Overlay (APO) Zone Character Protection Overlay (CPO) Zone Historic Protection Overlay (HPO) Zone IDO Zoning information as of May 17, 2018 **Gray Shading** View Protection Overlay (VPO) Zone The Zone Districts and Overlay Zones Represents Area Outside are established by the Feet = of the City Limits Integrated Development Ordinance (IDO). 250 1,000



PROJECT LOCATION -

• THE PROJECT IS CONSTRUCTING A NEW 90,000 SF BUILDING WITH ASSOCIATED PARKING. A NEW FIRE MAIN EXTENSION WILL ALSO BE CONSTRUCTED FOR THE NEW BUILDING. THE EXISTING SITE HAS 103,000 SF OF BUILDING COVERAGE. THE PROPOSED SITE WILL HAVE 192,000 SF

THE PROJECT WILL PROVIDE LANDSCAPE IMPROVEMENTS TO MEET AT LEAST CODE MINIMUM

• EXISTING PARKING SPACES THAT OVERLAP THE NEW BUILDING LOCATION WILL BE RELOCATED ON THE EASTERN PORTION OF THE PROJECT.

PARKING DATA TABLE								
	PRÓVIDED PROVIDED							
	REQUIRED PER IDO	EXISTING	NEW	TÖTAL				
TOTAL PARKING	240	99	269	368				
ACCESSIBLE (8.5 X 20)	5	2	7	9 (2 VAN)				
MOTORCYCLE (4X8 MIN)	6	4	2	6				
BICYCLE (4X8)	20	0	20	20				
EV CHARGING	0	0	4	4				
LOADING SPACES (12X65, 10X25)	2	6 (12X65)	1 (10X25)	7				
REQUIRED SPACES	212	89	246	335				
STANDARD SIZES (8.5X18)	1 SPACE / 1,000 SF (F-1) = 186							
	2.5* SPACE / 1,000 SF (B) = 26							

REFER TO DETAILED SITE PLAN (SHEET C2.1) FOR DETAILED CALLOUTS

OVERALL SITE PLAN C1.0 C1.1 DETAILED SITE PLAN C1.2 DETAILED SITE PLAN (OFFSITE) C1.3 SITE PLAN DETAILS C2.0 SOLID WASTE PLAN C3.0 CONCEPT TRAFFIC CIRCULATION LAYOUT C3.1 SITE TRIANGLES AND DETAILS SHEET F1 FIRE 1 PLAN D1 CONCEPTUAL EXISTING DRAINAGE EXHIBIT CONCEPTUAL GRADING & DRAINAGE PLAN D2 D3 HYDROLOGY DATA C4.0 PRIVATE UTILITY PLAN OVERALL LANDSCAPE PLAN C5.0 C5.1 DETAILED LANDSCAPE PLAN C5.2 DETAILED LANDSCAPE PLAN C5.3 DETAILED LANDSCAPE PLAN DETAILED LANDSCAPE PLAN C5.4 C5.5 LANDSCAPE NOTES C5.6 LANDSCAPE DETAILS C5.7 LANDSCAPE DETAILS SITE PHOTOMETRICS E1.01 A1.0 BUILDING ELEVATIONS

Sheet List Table

Sheet Title

SPECIFIC USES FOR PARKING: 1. LIGHT MANUFACTURING (F-1) 1.1. 186 SPACES ARE RÈQUIRED AB 2.1. 26 SPACES ARE REQUIRED

FOR F-1

FOR B.

2. OFFICE (B)

27565 2/22/2024 / ONAL

ABB

SITE PL/ OVERALL

DESIGNED BY: ME

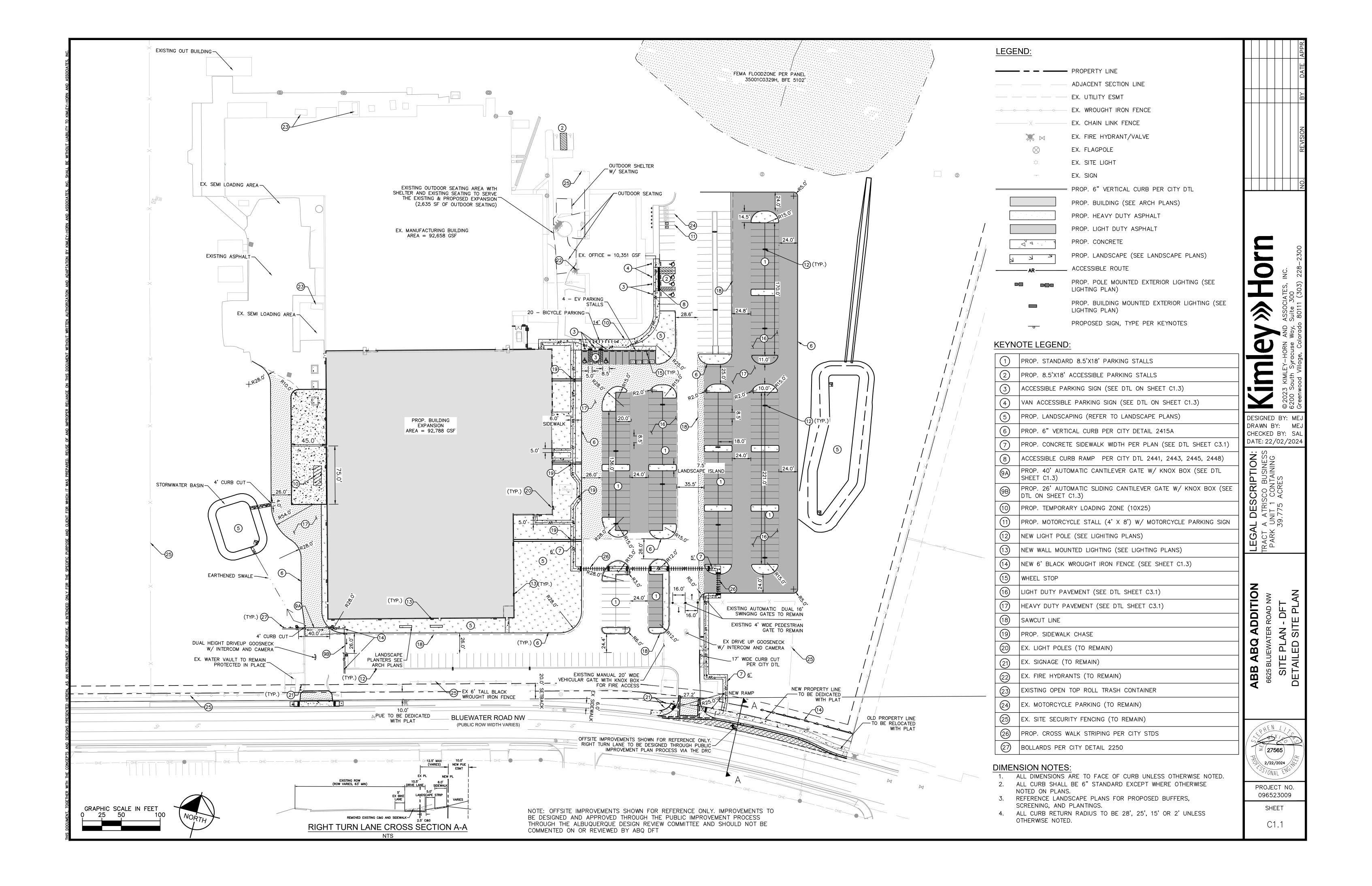
DRAWN BY: ME CHECKED BY: SA

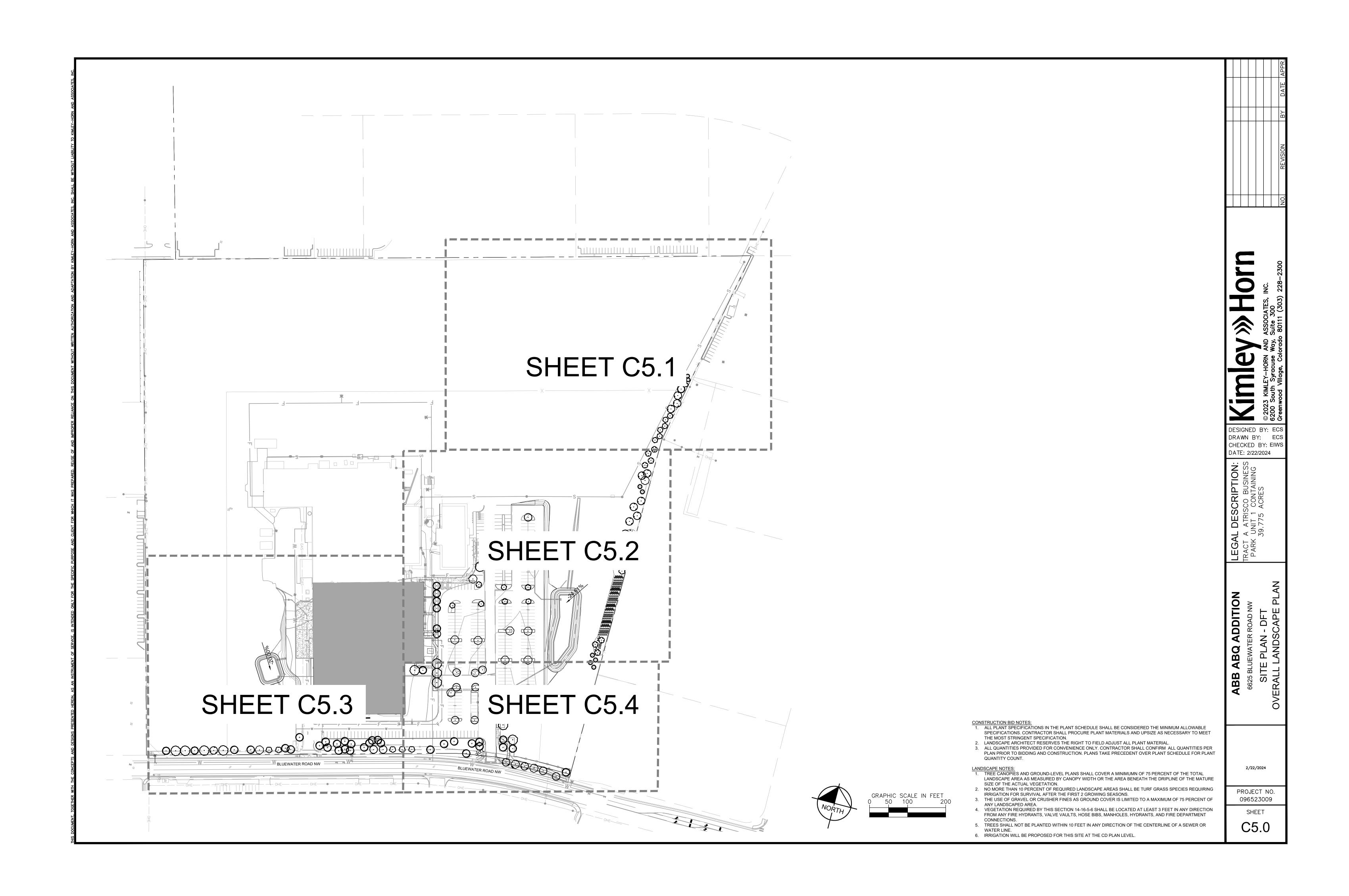
DATE: 22/02/2024

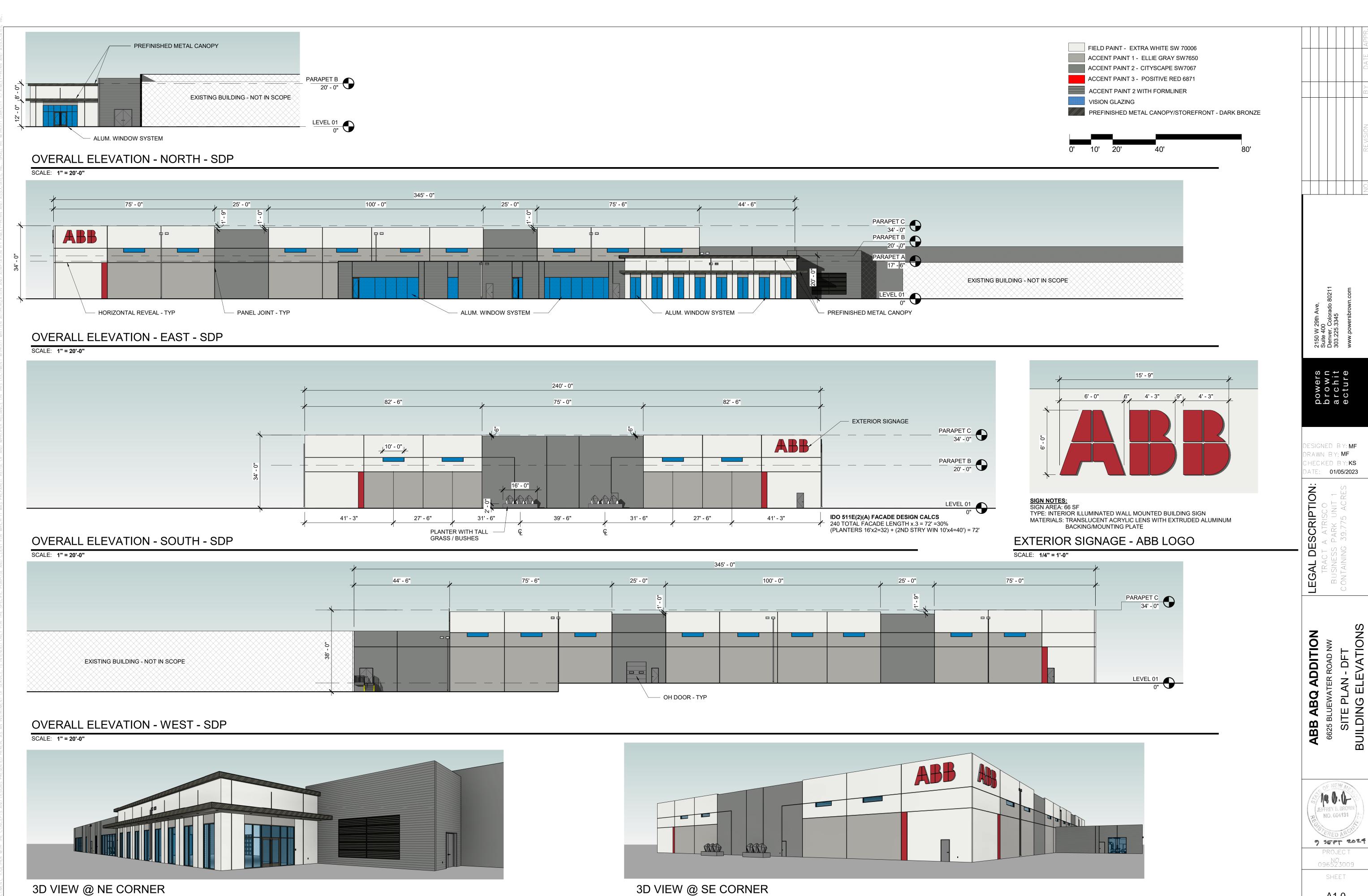
AL DESCRIPTION
T A ATRISCO BUSINES
RK UNIT 1 CONTAINING
39.775 ACRES

PROJECT NO. 096523009 SHEET

C1.0







SCALE:

SHEET

PROJEC T NO 096523009

140.0

SITE PLAN - DFT BUILDING ELEVATIONS

A1.0

Watkins, Cole

From: Watkins, Cole

Sent: Thursday, February 22, 2024 3:14 PM

To: jgallegoswccdg@gmail.com; luis@wccdg.org

Cc: Phelps, Randall

Subject: 6625 Blue Road NW - Office of Neighborhood Coordination Notice

Attachments: ABB Expansion - Notice & Site Plan.pdf

Hi Luis & Jerry;

In accordance with the procedures of the City of Albuquerque's integrated development ordinance (IDO) subsection 14-16-6-4 (k) Public Notice, we are notifying you as a neighborhood Association/s that we will be submitting an application to the development Facilitation Team (DFT) for Site Plan Administrative approval. Please see the attached notice and site plan. We will be submitting for the 3/6 DFT meeting date.

Thanks,

Cole Watkins, EIT

Kimley-Horn | 6200 South Syracuse Way, Suite 300, Greenwood Village, CO 80111

Direct: 720 722 5996 | www.kimley-horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

Watkins, Cole

From: Watkins, Cole

Sent: Thursday, February 22, 2024 3:12 PM
To: douglascooper@hotmail.com; Ted Trujillo

Cc: Phelps, Randall

Subject: 6625 Blue Road NW - Office of Neighborhood Coordination Notice

Attachments: ABB Expansion - Notice & Site Plan.pdf

Hi Doug & Ted;

In accordance with the procedures of the City of Albuquerque's integrated development ordinance (IDO) subsection 14-16-6-4 (k) Public Notice, we are notifying you as a neighborhood Association/s that we will be submitting an application to the development Facilitation Team (DFT) for Site Plan Administrative approval. Please see the attached notice and site plan. We will be submitting for the 3/6 DFT meeting date.

Thanks,

Cole Watkins, EIT

Kimley-Horn | 6200 South Syracuse Way, Suite 300, Greenwood Village, CO 80111

Direct: 720 722 5996 | www.kimley-horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

Development Facilitation Team (DFT) – Review Comments

Reviewer: David G. Gutierrez, P.E. | Phone: 505-289-3381 | dggutierrez@abcwua.org

Project No: PR-2023-009209 Date: 02/14/2024 Agenda Item: #3 Zone Atlas Page: NR-BP

Legal Description: Tract a, Unit 1 Atrisco Business Park

Request: Proposing A 93K GSF Expansion of an existing 90K GSF Manufacturing Warehouse at 6625 Bluewater Road NW. This will include improvements for additional Onsite Parking, Onsite Drainage Features, Landscape, Lighting, and Wet Utilities.

Location: 6625 Bluewater Road between Coors Blvd and Unser Blvd

Application For: SI-2024-00158 - SITE PLAT DFT

- 1. The subject parcel(s) have an existing ABCWUA water and sewer account.
- 2. Availability Statement #231023 has been issued and provides the conditions for service. All proposed water is coming from the existing 4" meter. Provide a RPBF device after the meter. Public extensions in accordance with the Availability statement are required for any additional service connections. All piping after the RPBF device is jurisdiction of the Plumbing Code and outside ABCWUA jurisdiction.

Comment: (Provide written response explaining how comments were addressed)

Responses:

- 1. Correct, the existing parcel currently has ABCWUA water and sewer account.
- 2. A Reduced Pressure Backflow Preventer (RPBF) was added to the private utility plan after the meter.

DEVELOPMENT FACILITATIVE TEAM (DFT)

Code Enforcement Comments

<u>Disclaimer</u>: Comments provided are based upon information received from applicant/agent. If new or revised information is submitted, additional comments may be provided by Planning staff.

Jeff Palmer-Code Enforcement Supervisor Planning Department

jppalmer@cabq.gov DATE: 02/14/2024

AGENDA ITEM NO: 3

PROJECT NUMBER:

PR-2023-009209

SI-2024-00158 - SITE PLAN DFT

REQUEST: Proposing A 93k GSF Expansion Of An Existing 90k GSF Manufacturing Warehouse At 6625 Bluewater Road NW. This Will Include Improvements For Additional Onsite Parking, Onsite Drainage Features, Landscape, Lighting, And Wet Utilities.

LOTS/SUBDIVSION: Tract A, Unit 1, Atrisco Business Park

ADDRESS/LOCATION: 6625 Bluewater Road between Coors Blvd and Unser Blvd

ZONED: NR-BP **IDO:** 2022

COMMENTS:

- 1. Property is zoned NR-BP and is located within the Atrisco Business Park Master Development Plan. It is also located within CPO-2, the Coors Blvd Overlay zone. Must meet all requirements of the Atrisco Business Park MDP, CPO-2, and NR-BP for Dimensional standards, building design, signage, and any other applicable standards.
- 2. Please clarify all specific uses for parking calculations, such as areas to be used for Office, Light Manufacturing, Warehouse or Storage, etc.
- 3. Show how you are meeting the requirements for the required Outdoor Seating and Gathering area, as per 5-11(E)(3) provide calculations. Requires one outdoor seating area of at least 400 sq ft for every 30,000 gsf.
- 4. Show how landscaping will screen waste storage and/or loading areas, as per Atrisco BP plan and IDO.
- 5. Any changes to signage must follow Atrisco BP plan, CPO-2, and/or IDO requirements, as applicable.
- 6. No further comments.

Responses:

1. The ABB factory addition has been designed with equally annunciated facades on all sides. Building panel heights are varied throughout and paired with color banding to create a diversity of structural forms. The buildings entry is part of smaller annex which provides a sense of scale for the glazing and moment for elevated materials. Texture wall materials are used to soften the scale and add a quality to the entry experience.

Lighting fixtures have been chosen to blend with architectural character of the building, and match existing styles of street lighting on the complex.

Builling owner identification signs have been limited to 100sf on the building. No monument identification signs are planned at the street.

- 2. Added note on sheet C1.0 stating the specific uses of the parking. The parking provided is for Light manufacturing (F-1) and Office (B).
- 3. Outdoor seating and gathering area is already existing. Refer to sheet C1.1 for the callout (between existing office & existing manufacturing warehouse) and refer to sheet C1.0 for the calculations table. Survey did not provide seating within the survey.
- 4. No waste storage or loading areas within 550' of the ROW. Per coordination with Jeffrey Palmer, screening of the waste storage area at the loading dock is not required since it would not be "realistically visible from the street". See email screenshot.



5. Understood



DEVELOPMENT FACILITATION TEAM

Parks and Recreation Department

PR-2023-009209

SI-2024-00158 - SITE PLAN DFT

REQUEST: Proposing A 93k GSF Expansion Of An Existing 90k GSF Manufacturing Warehouse At 6625

Bluewater Road NW. This Will Include Improvements For Additional Onsite Parking, Onsite Drainage

Features, Landscape, Lighting, And Wet Utilities.

LOTS/SUBDIVSION: Tract A, Unit 1, Atrisco Business Park

ADDRESS/LOCATION: 6625 Bluewater Road between Coors Blvd and Unser Blvd

ZONED: NR-BP

IDO: 2022

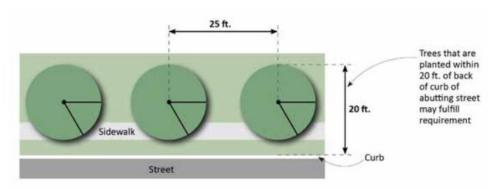
Responses:

Comments:

1. Plans have added dimensions to show code compliance. Trees have been adjusted to fit within the 20'-0" landscape buffer and newly proposed 10'-0" UT easement. Proposing to meet code req. using existing trees on site that are outside of 20'-'0" buffer. See alternate"

02-14-2024

Please detail on the landscaping plan how the new street frontage trees are meeting the requirements in IDO 14-16-5-6(D)(1)(a), specifically the distance between species and the distance from the back of the curb on Bluewater.



DEVELOPMENT FACILITATIVE TEAM (DFT) - HYDROLOGY SECTION Renée Brissette, PF, Senior Engineer | 505-924-3995 rbrissette@caba gov

DRB Project Number	: 2023-009209			Hearing Date: 02-14 Agenda Item No: 3		02-14-2024
Project:	6625 Bluewater Rd		3			
	☐ Sketch Plat		⊠ Site Plan f Permit	or Bldg.		
ENGINEERING COMI	MENTS:					
stamp date 01/	an approved the 09/24. no objection to th	_	_	·	01) with	n engineer's
□ APPROVED	DELEGATED TO:		5 H UVD	□ \ \ /\ \ \		S □ PLNG
□ DENIED	DELEGATED TO. Delegated For: SIGNED: □ I.L. DEFERRED TO _	□ SPSD				

DEVELOPMENT FACILITATION TEAM

TRANSPORTATION DEVELOPMENT

DRB Project N 6625 Bluewate		2023-009388	3 aka 009209		AGENDA ITEM NO: 3
SUBJECT: Si	ite Plan				
ENGINEERIN	G COM	MENTS:			
1 Transn	ortation	has an annro	oved Concent	ual TCL dated 1/2	3/2024. A TIS is currently in
					uirements are known.
		ROW width a the DPM.	t the narrowe	st point along the f	frontage to ensure it meets
					I from the applicant. If new or ansportation Development.
FROM:	Transpo	Armijo, P.E. ortation Devel 1-3991 or <u>ear</u>	lopment mijo@cabq.g		DATE: February 14, 2024
ACTION:					
APPROVED_	_; DEN	IED; DEF	ERRED;	COMMENTS PRO	OVIDED; WITHDRAWN
DELEGATED:	:		TO: (TRAN	S) (HYD) (WUA)	(PRKS) (CE) (PLNG)

Printed: 2/13/24 Page # 1



DEVELOPMENT FACILITATION TEAM

Planning - Case Comments

HEARING DATE: -- AGENDA ITEM: #3

Project Number: PR-2023-009209 (previously PR - 9388 for sketch plats)

Application Number: SI-2024-00158

Project Name: 6625 Bluewater Rd. Warehouse Expansion

Request:

DFT Site Plan and EPC Final Sign-off

Note: Items in orange type require a response.

- The EPC approved a Major Site Plan Amendment previously. Still waiting for the EPC Planner Memo to demonstrate compliance with EPC Conditions of approval for the Site Plan Amendment.
- A Sketch Plan was reviewed on 10/31/23 (PR 9388). A Sketch Plat was reviewed January 2024 (PR 9388). The Site Plan DFT is review is for an approximately 93,000 SF expansion of the existing approximate 92,000 SF light manufacturing facility.
- The subject property is zoned NR-BP (Non-Residential Business Park), which permits Light Manufacturing. It is within an Area of Change, the Coors Boulevard Character Protection Overlay Zone (CPO-2), and within 660' of the Coors Blvd. Major Transit Corridor.
- A Traffic Impact Study (TIS) was submitted which requested offsite improvements be constructed as part of the overall development, including the installation of a right turn lane into the project site on Bluewater Blvd., requiring ROW dedication to the City. The ROW dedication to the City would trigger the requirement for a replat approval by the Development Hearing Officer (DHO). *Please confirm the status of the TIS review and the NMDOT approval.
- Application for the subject property for a Site Plan-EPC Major Amendment was approved on October 19, 2023. *Please provide confirmation that all EPC conditions have been cleared.

Responses to orange text:

- 1. TIS has been approved by NMDOT. See attached PDF at the end of this comment letter. (I couldn't include the full NMDOT approval because the digital signature would be removed so I added a screenshot of the approved)
- 2. EPC was approved on Oct. 19, 2023. I have tried emailing William Steele and Megan Jones to confirm that all EPC conditions were cleared and request a post-EPC memo but got no response back. Please confirm during the next DFT meeting whether all the EPC conditions have been cleared.

^{*}These are preliminary Planning comments. Additional reviews and/or revised comments may be needed for any modifications and/or supplemental submittals.

- An Infrastructure List was included in the submittal. Confirm if IL is complete or if modifications
 are needed. Once approved, a recorded Infrastructure Improvements Agreement (IIA) must be
 submitted prior to final sign off of the Site Plan.
- 1. Infrastruction Not approv

Responses

The subject property is located in Atrisco Business Park Master Development Plan and must meet requirements of the Master Development Plan and the Major Site Plan Amendment EPC & Conditions of Approval. Where those are silent, the site plan shall meet the requirements of the IDO and DPM.

Please demonstrate in more detail using updated documents/drawings and a comment response letter to clearly provide confirmation as to how the submittal is meeting the standards and requirements from the Atrisco Business Park; including, but not limited to any additional walls/fences, screening/buffering, façade & signage.

- Confirm compliance with section 7 of the DPM Table 7.2.29 regarding Sidewalk width requirements and its landscape buffer.
 - *Verification of DPM standards per Transportation*
 Bluewater Rd. NW adjacent to the subject property is functionally classified as an Urban Major Collector outside of a Center and requires a 6-foot sidewalk and 5'-6' landscape buffer.
- DFT staff determined during sketch plat review that buffering would be as follows:
 - 1. Trees will be required along the the fence line on the east side of the property. Where the fence is chain link, both trees and shrubs will be required per IDO 5-6(E)(4)(b).

5-6(E)(4)(b) General

A landscaped edge buffer area shall be provided on the subject property along the property line between the two adjacent properties. For drainage facilities, a landscaped edge buffer area at least 15 feet wide shall be provided on the subject property along the property line between the two adjacent properties, unless a smaller edge buffer area is approved by the City Engineer as necessary on a particular lot.

- 1. If a wall at least 3 feet in height is provided or exists along the landscaped edge buffer area, 1 of the following requirements shall be met.
- a. If the wall is located on the property line, 1 tree at least 8 feet high at the time of planting shall be provided every for 15 feet along the wall, with spacing designed to minimize sound and light impacts of the proposed development on the adjacent property.
- b. Where the edge buffer area is across the street from the lot with non-industrial zoning or development, the wall may be set back from the property line if both of the following requirements are met.
- i. Landscaping that meets the requirements in Subsection 2. below shall be provided between the wall and the street.
- ii. The landscaping shall be maintained by the owner of

Responses to orange text:

1. LANDSCAPE BUFFER WITH TREES AN ON EAST SIDE OF SITE WHERE APPLICA

Responses

1. The ABB all sides. But to create a which provide the experience. Lighting fixt building, an Buidling ow monument

the subject property.

2. If no wall is provided or exists, 1 tree at least 8 feet high at the time of planting and 5 shrubs shall be provided for every 20 feet along the lot line, with spacing designed to minimize sound and light impacts of the proposed development on the adjacent property.

Responses to orange text:

1. Understood

- 2. Because no alternations have been made on the site plan to the north of the existing warehouse building, a landscape buffer will not be required on the north side of the existing warehouse building.
- Please note that per 5-6(F)(1) Parking Lot Edges 5-6(F)(1)(c) Where development is coordinated on 2 or more abutting sites, or where multiple parking areas are located on a single lot, or on planned development areas controlled by Site Plans, these requirements shall be based on the entire development area unless otherwise approved by the decision-making body.

Refer to Atrisco Business Park Master Development Plan for compliance.

- Per 5-6(G)(1)(b) In any R-ML, R-MH, Mixed-use, NR-C, NR-BP, NR-SU, or NR-PO zone district, roof-mounted mechanical equipment shall be screened by a parapet wall or similar feature that is an integral part of the building's architectural design. The parapet wall or similar feature shall be sufficient to screen the mechanical equipment from all sides when viewed from 5 feet above ground level at any property line abutting a City park or trail, Major Public Open Space, major arroyo, or public street classified as a collector, arterial, or interstate highway.
- 5-6(G)(2)(b) NR-C, NR-BP, NR-SU, and NR-PO Zone Districts Outdoor ground-mounted mechanical equipment shall be located where it is not visible from streets, City parks or trails, Major Public Open Space, or major arroyos adjacent to the lot or from adjacent properties with low-density residential development to the maximum extent practicable.
- 5-7 Walls and Fences. Any new walls/fences will require separate permitting.
- Plan appears to be meeting 5-8 Outdoor Lighting, however provide additional detail for CPO-2: 3-4(C)(5)(d) Outdoor Lighting
 The mounting height of light fixtures in off-street parking, other vehicular use areas, and/or outdoor storage areas shall be no higher than 20 feet above finished grade.
- Elevation pages were included in the submittal. Please explain how the façades are meeting the requirements of CPO-2 and 5-11.

3-4(C)(5)(e) Architectural Design and Details

- 1. The use of colors that contrast with the predominant color of the building is limited to 10 percent of each façade.
- 2. Parapet walls shall be treated as an integral part of the building design. Such walls shall not appear as unrelated visual elements.

Responses

1. Parking one tree for tree. Parking the required least 25-fer requirement

Response

1. The AB all sides. E to create a which prove Texture we experience Lighting fix building, a Buidling or monument.

3. In all zone districts, mechanical equipment shall be screened from public view from streets adjacent to the lot or from adjacent properties. The design of mechanical equipment screening shall be compatible with, and be an integral element of, the building structure. Location of such equipment within the building or at ground level is preferable to roof-mounting, unless such location would adversely affect the streetscape, pedestrian circulation, or open space.

Per 5-11(E)(2) Façade Design

5-11(E)(2)(a) **General**

- Façades shall be designed to provide a sense of human scale at ground level by providing a clear architectural distinction between ground floor levels and all additional levels.
- 2. Each street-facing façade shall incorporate at least 2 of the following features (illustrated below) along at least 30 percent of the length of the façade, distributed along the façade so that at least 1 of the incorporated features occurs every 40 feet:
- a. Ground-floor transparent windows, with the lower edge of window sills no higher than 30 inches above the finished floor.
- b. Windows on upper floors.
- c. Primary pedestrian entrances.
- d. Portals, arcades, canopies, trellises, awnings over windows, or other elements that provide shade or protection from the weather.
- e. Sun shelves or other exterior building features designed to reflect sunlight into the building and reduce the need for interior lighting.
- f. Raised planters between 12 inches and 28 inches above grade with the surface planted to achieve at least 75 percent vegetative cover at maturity.
- 2. Each street-facing façade longer than 100 feet shall incorporate at least 1 of the following additional features.
 - a. Wall plane projections or recesses of at least 1 foot in depth at least every 100 feet of façade length and extending for at least 25 percent of the length of the façade.
 - b. A change in color, texture, or material at least every 50 feet of façade length and extending at least 20 percent of the length of the façade.
 - c. An offset, reveal, pilaster, or projecting element no less than 2 feet in width, projecting from the façade by at least 6 inches, and repeating at minimum intervals of 30 feet of façade length.
 - d. Three-dimensional cornice or base treatments.
 - e. A projecting gable, hip feature, or change in parapet height at least every 100 feet of façade length.
 - f. Art such as murals or sculpture that is privately-owned or coordinated through the City Public Arts Program.

Please explain how the south facing façade is meeting these requirements. It does not appear that the street facing façade (south) is meeting minimum façade requirements.

Responses to orange text:

1. Per Coordination with Robert Webb & Bonnie Strange. The south facing facade meets the IDO requirements. See email coordination attached at the end of this PDF

Responses:

1. Outdoor seating and gathering area is alreated. C1.1 for the callout (between existing office & warehouse) and refer to sheet C1.0 for the callout provide seating. Gathering area was also plans

Per 5-11(E)(3) Outdoor Seating and Gathering Areas
5-11(E)(3)(a) General

Jeff Palmer states in this letter that the outdoor provided at a minimum of 400 SF.

- 1. For primary buildings containing a use from the Transportation subcategory of Commercial Uses or from the Industrial Uses category in Table 4-2-1, at least 1 outdoor seating and gathering area shall be provided that is a minimum of 500 square feet. It does not appear this requirement is being met. Please show minimum 500 SF gathering area including seating on Landscape Plan. Site Plan notes existing area.
- Some signage detail was included in this submittal. Will you be submitting a detailed signage plan within this site plan file? Or will signage be handled at the building permit stage? Either will need to demonstrate how standards are being met per 3-4-C & 5-12, along with the Atrisco Business Park plan.

Responses:

1. Signage will be handled at the building permit stage.



<u>Disclaimer</u>: The comments provided are based upon the information received from the applicant/agent. If new or revised information is submitted, additional comments may be provided by Planning.

FROM: Robert Webb/Jolene Wolfley DATE: 2/13/24

Planning Department

CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director

TIS Approval



Mayor Timothy M. Keller

February 14, 2024

Madison Jurewicz
Kimley-Horn and Associates, Inc.
380 Interlocken Crescent
Suite 100
Broomfield, CO 80021
Via email madison.jurewicz@kimley-horn.com

Re: ABB Expansion 6625 Bluewater Road Traffic Impact Study HT#K10D011 Engineer Seal date 2/1/2024

Dear Ms. Jurewicz,

Review of the ABB Expansion Traffic Impact Study dated February 2024, received February 1, 2024 has been completed and approved by the City's Planning Transportation Development section. The TIS is approved with the following conditions:

- 1. All requirements and infrastructure improvements directed by the NMDOT shall be complied with.
- 2. The East Access on Bluewater Rd. shall be reconstructed to include a right-turn lane.
- PO Box 1293
 - The west leg of the Bluewater Rd./Coors Blvd. intersection shall be reconfigured as outlined in the study by replacing the pavement striping, words and symbols, including the crosswalk and all required signing.
 - 4. The westbound left-turn lane on Bluewater Rd. approaching Unser Blvd. shall be restriped to increase the turn lane length.

Albuquerque

The Traffic Impact Analysis shall be valid for a period of three years. Should significant modifications to the approved development proposal occur, the approved study shall be revised to incorporate the changes.

NM 87103

Sincerely,

www.cabq.gov

Matt Grush, P.E. Senior Engineer City of Albuquerque Planning Department Development Review Services

mpr P.E.

via: email

C: Applicant, File

Margaret Haynes, NMDOT D3 Traffic



February 13, 2024

TIS Approval

Keith Christian, PE Kimley-Horn and Associated, Inc. 6200 South Syracuse Way, Suite 300 Greenwood Village, CO 80111

Subject: ABB Expansion Traffic Impact Study NM 45 and Bluewater Road (Milepost 13.2) Albuquerque, New Mexico

Dear Mr. Christian:

This letter is to inform you that the **FINAL** Traffic Impact Study (TIS) for ABB Expansion dated February 2024 has been reviewed. The proposed development is located west of NM 45 on Bluewater Road.

The NMDOT has no objection to the use of its existing access points. See Exhibit A for the site plan and the existing access points on Bluewater Rd. for this development. Its access includes "Access #6" and "Access #7". The TIS recommendations including a conceptual stripe layout are shown in Exhibit B. Based on these analyses, the following conditions are required:

- 1. At the signalized intersection of NM 45 (Coors Blvd) and Bluewater Rd, the development
 - Shall extend the existing eastbound left lane as long as possible without impacting the deceleration lane to Camino Azul via eradication and restriping;
 - b. Shall design and install a second eastbound left deceleration lane to match the length of extended eastbound left lane via eradication and restriping;
 - Shall design and install modified lane designation pavement markings for the westbound approach to one dedicated left lane and one shared through/right lane;
 - d. Shall design and install dotted lines through the intersection for westbound through traffic;
 - e. Shall provide a Variable Message Board two weeks prior to the striping change and two weeks after the striping change notifying the users for the future "NEW TRAFFIC PATTERN".

e. Traffic control permits within state right-of-way related to the proposed development shall be submitted to Mr. Israel Suazo at Israel. Suazo@dot.nm.gov

- All utility permits within state right-of-way related to the proposed development shall be submitted to Mr. Israel Suazo at Israel.

 Suazo@dot.nm.gov
- g. Once the design plans have been approved by Keith Thompson for construction, any proposed access points that will access a state facility shall obtain an access permit from Mr. Israel Suazo.

If you have any questions, please feel free to call me at 505.288.2086 or email me at Margaret.Haynes@dot.nm.gov

Sincerely,

Digitally signed by Margaret Haynes Date: 20240213 1055:19-0700'

Margaret Haynes, P.E. District 3 Assistant Traffic Engineer

Copies:
Nancy Perea, NMDOT D3
Gary Funkhouser, NMDOT G0
Keith Thompson, NMDOT D3
Israel Suazo, NMDOT D3
Matt Grush, COA
Tim Brown, COA
Jim Roeder, COA

Commissioners

Jennifer Sandoval Commissioner, Vice-Chairman District 1

Vacant Commissioner District 2

Hilma E. Chynoweth Commissioner District 3

Walter G. Adams Commissioner, Chairman District 4

Thomas C. Taylor Commissioner District 5

Charles Lundstrom Commissioner, Secretary District 6

Watkins, Cole

From: Webb, Robert L. <rwebb@cabq.gov> Sent: Thursday, February 22, 2024 8:24 AM

To: Watkins, Cole Cc: Phelps, Randall

Subject: RE: ABB ABQ: PR-2023-009209 Comment Coordination

You don't often get email from rwebb@cabq.gov. Learn why this is important

Good morning.

Thank you for sending. We'll get it added to the file and under review.

Thank you,

Robert



ROBERT WEBB

Senior Planner Development Review Services
o 505.924.3910
e rwebb@cabq.gov
cabq.gov/planning

From: Watkins, Cole <Cole.Watkins@kimley-horn.com>

Sent: Wednesday, February 21, 2024 5:50 PM To: Webb, Robert L. <rwebb@cabq.gov>

Cc: Phelps, Randall <randall.phelps@kimley-horn.com>

Subject: RE: ABB ABQ: PR-2023-009209 Comment Coordination

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Hi Robert,

Sorry for the delay. Will the attached PDF work for the detailed elevations?

Thanks,

Cole Watkins, EIT

Kimley-Horn | 6200 South Syracuse Way, Suite 300, Greenwood Village, CO 80111

Direct: 720 722 5996 | www.kimley-horn.com

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From: Webb, Robert L. <<u>rwebb@cabq.gov</u>> Sent: Monday, February 19, 2024 1:44 PM

To: Jurewicz, Madison < Madison.Jurewicz@kimley-horn.com Subject: RE: ABB ABQ: PR-2023-009209 Comment Coordination

Yes, that works great. We would just need a PDF for the updated or detailed elevation. Similar to the screen shot in the previous email.

Thank you,

Robert



ROBERT WEBB

Senior Planner Development Review Services
o 505.924.3910

e rwebb@cabq.gov cabq.gov/planning

From: Jurewicz, Madison < Madison.Jurewicz@kimley-horn.com >

Sent: Thursday, February 15, 2024 11:15 AM

To: Webb, Robert L. <rwebb@cabg.gov>; Wolfley, Jolene <jwolfley@cabg.gov>

Cc: Strange, Bonnie S. < bstrange@cabq.gov>; Watkins, Cole < Cole.Watkins@kimley-horn.com>; Phelps, Randall randall.phelps@kimley-horn.com>; strohfus strohfus@powersbrown.com>; Rodenbeck, Jay B.

<jrodenbeck@cabq.gov>; Gomez, Angela J. <agomez@cabq.gov> Subject: RE: ABB ABQ: PR-2023-009209 Comment Coordination

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Robert.

Will this be sufficient?

Thank you,

Madison Jurewicz, EIT

Kimley-Horn | 380 Interlocken Crescent, Suite 100, Broomfield, CO 80021

Direct: 720 464 2539

Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

From: Webb, Robert L. <<u>rwebb@cabq.gov</u>> Sent: Wednesday, February 14, 2024 1:48 PM

To: Jurewicz, Madison < <u>Madison.Jurewicz@kimley-horn.com</u>>; Wolfley, Jolene < <u>jwolfley@cabq.gov</u>> Cc: Strange, Bonnie S. < <u>bstrange@cabq.gov</u>>; Watkins, Cole < <u>Cole.Watkins@kimley-horn.com</u>>; Phelps, Randall < <u>randall.phelps@kimley-horn.com</u>>; strohfus < <u>strohfus@powersbrown.com</u>>; Rodenbeck, Jay B.

<jrodenbeck@cabq.gov>; Gomez, Angela J. <agomez@cabq.gov> Subject: RE: ABB ABQ: PR-2023-009209 Comment Coordination

Thank you for sending.

Is there anyway to put both of those in a separate PDF. This way I can add them directly to the site plan file. It will help resolve other sections asking for the same information.

Thank you,

Robert



ROBERT WEBB

Senior Planner Development Review Services
o 505.924.3910
e rwebb@cabq.gov
cabq.gov/planning

From: Jurewicz, Madison < Madison. Jurewicz@kimley-horn.com >

Sent: Wednesday, February 14, 2024 1:27 PM

To: Wolfley, Jolene < iwolfley@cabq.gov >; Webb, Robert L. < rwebb@cabq.gov >

Cc: Strange, Bonnie S. <bstrange@cabq.gov>; Watkins, Cole <Cole.Watkins@kimley-horn.com>; Phelps,

Randall < randall.phelps@kimley-horn.com >; strohfus@powersbrown.com >

Subject: ABB ABQ: PR-2023-009209 Comment Coordination

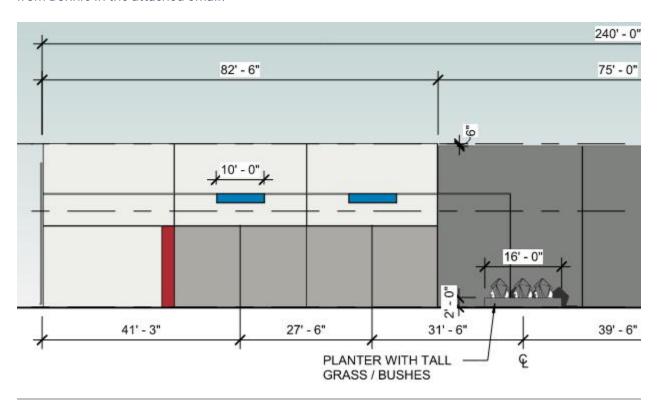
[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Robert and Jolene,

Following our DFT site plan meeting today on 6625 Bluewater Road, I wanted to reach out regarding the south building façade and meeting IDO requirements. We had a meeting with Bonnie back in early November and presented revised elevations that include

- 1) Planter Boxes
- 2) Upper Level Windows

These were deemed to have met the intention of the street facing façade requirements. Please see #2 from Bonnie in the attached email!



Thank you,

Madison Jurewicz, EIT

Kimley-Horn | 380 Interlocken Crescent, Suite 100, Broomfield, CO 80021

Direct: 720 464 2539

Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com