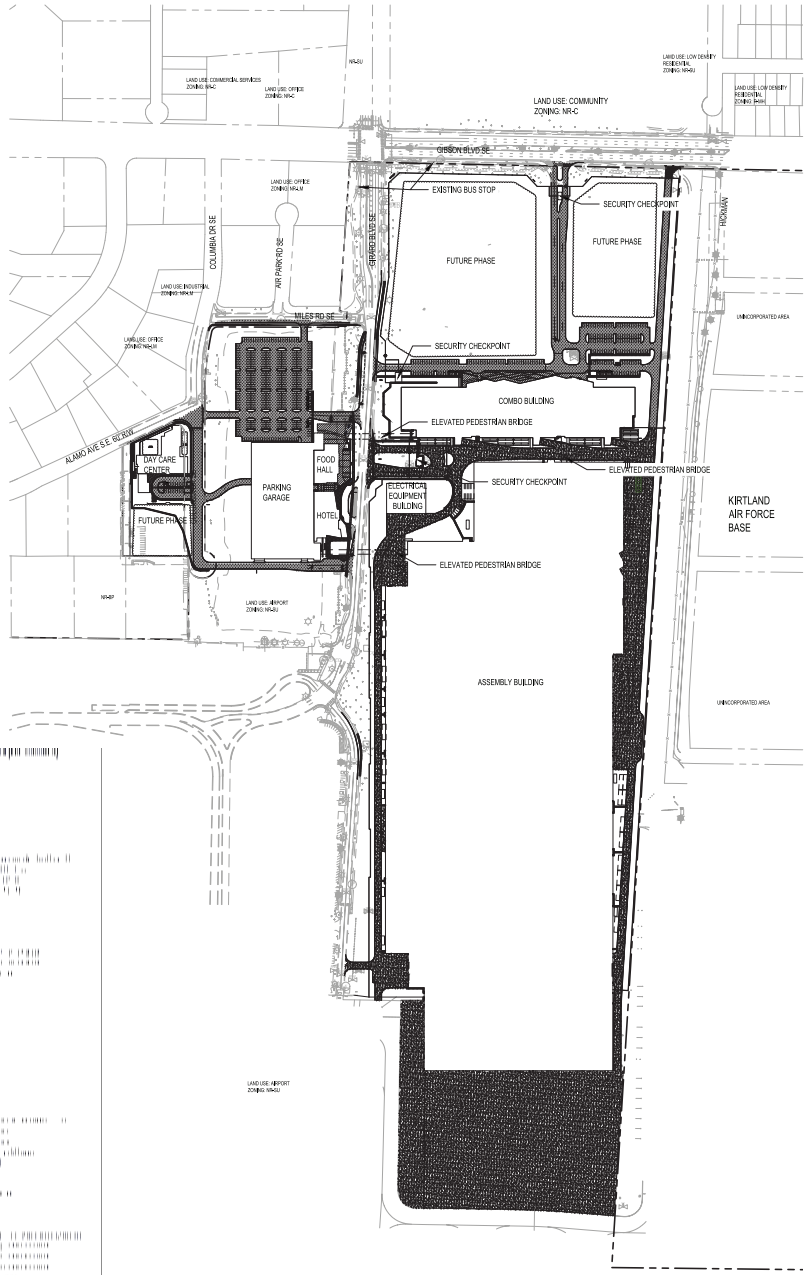


GENERAL NOTES

1. ALL SIDEWALKS, RAMPS, CURB CUTS, AND CURB AND GUTTER SHALL BE BUILT PER THE C.O.A. STANDARD DRAWINGS AND ADA STANDARDS
2. CLEAR SIGHT DISTANCE: LANDSCAPING AND SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ACCEPTABLE IN THIS AREA. SPEED LIMITS TO DEFINE SIGHT SIGHT TRIANGLES ARE AS FOLLOWED: GIRARD = 35 MPH, GIBSON = 45 MPH, MILES = 25 MPH

SITE DATA

Legal Description:

A portion of Tract A-1 of the Plat of Tracts A-1 and A-2 Lands of Sunport Municipal Addition, along with Tract A-1-B of the Plat of Tracts Z-4-A, A-1-A, A-1-B, AND A-1-C.

Site Area: 116 acres

Zoning: NR-SU / Non-Residential Sensitive Use

Proposed Land Use: Airport, Light Manufacturing, Research and Testing Facility, Office, and Parking Structure

Employee Amenity Uses: Hotel, Fitness Center, Food Hall, and Daycare (Other use accessory to non-residential primary use).

Setbacks: As shown, see site plan.

Maximum Building Height: 179' and as approved by EPC

Signage: Per this Approved Plan

Walls and Fences: 10 feet maximum height with locations as shown.

Site Lighting: Per IDO Requirements with allowance for building-mounted lights at 30 feet high.

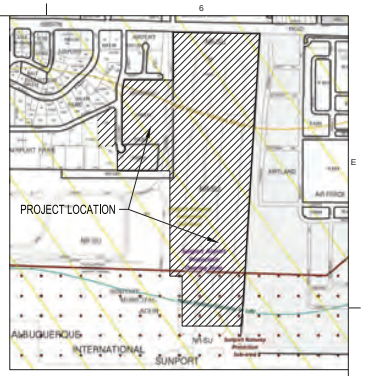
PARKING DATA

TYPE	REQUIRED	TOTAL PROVIDED	PORTION PROVIDED IN PARKING GARAGE
TOTAL OFF STREET PARKING*	2500 **	2664	2097
COMPACT	ALLOWED: 25%=625	494	469
HANDICAP	35 TOTAL (5 OF WHICH MUST BE VAN ACCESSIBLE)	68 TOTAL 32 VAN ACCESSIBLE	51 TOTAL 22 VAN ACCESSIBLE
BICYCLE	250 (10%)	125**	65
MOTORCYCLE	11***	12	8
ELECTRICAL VEHICLE	50 (2%)	75	75

* OFF STREET PARKING EXCLUDES MOTORCYCLE PARKING
** AS APPROVED BY EPC
*** 11 REQUIRED MOTORCYCLE SPACES IS BASED ON 8 FOR THE FIRST 1000 PARKING SPACES AND THEN 1 FOR EACH 500 SPACES THEREAFTER, PER IDO TABLE 5-5-4.

BUILDING	IDO BUILDING USE	AREA (SF)
Assembly	**Light Manufacturing**	**3,238,083**
Combo	*	**1,385,000**
Office	**Office**	**461666**
Assembly	**Light Manufacturing**	**461667**
Light Lab	**Research or Testing Facility**	**461667**
Pedestrian Bridges	*	**20,800**
Gibson Guard House	*	**450**
Girard Guard House	*	**950**
Girard South Guard House	*	**950**
Food Hall	*	**15,300**
Child Care Center	*	**25,711**
Hotel/Fitness Center	*	**72,372**
Electrical Equipment Building	*	**18,720**
Parking Garage	**Parking Garage**	**810,310**
Total		**5,592,685**

* **Other Use Accessory to Non-Residential Primary Use**



VICINITY MAP

ZONE ATLAS PAGE: M-16-Z

LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT
- COLORED, TEXTURED CONCRETE CROSSWALK
- CLEAR SITE TRIANGLE AREA
- LANDSCAPE PLAZA AREA, SEE PLANS FOR DETAIL
- PROPERTY LINE
- PROPOSED CURB & GUTTER
- EXISTING STREET LIGHT TO REMAIN
- SECURITY GATE
- FENCE
- RETAINING WALL

N

200 100 0 200

1"=200'

PROJECT NUMBER: _____

Application Number: _____

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC) dated _____ and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? ( ) Yes ( ) No. If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN APPROVAL:

Traffic Engineering, Transportation Division	Date
ABCWUA	Date
Parks and Recreation Department	Date
City Engineer/Hydrology	Date
Code Enforcement	Date
* Environmental Health Department (conditional)	Date
Solid Waste Management	Date
DRB Chairperson, Planning Department	Date

*Environmental Health, if necessary

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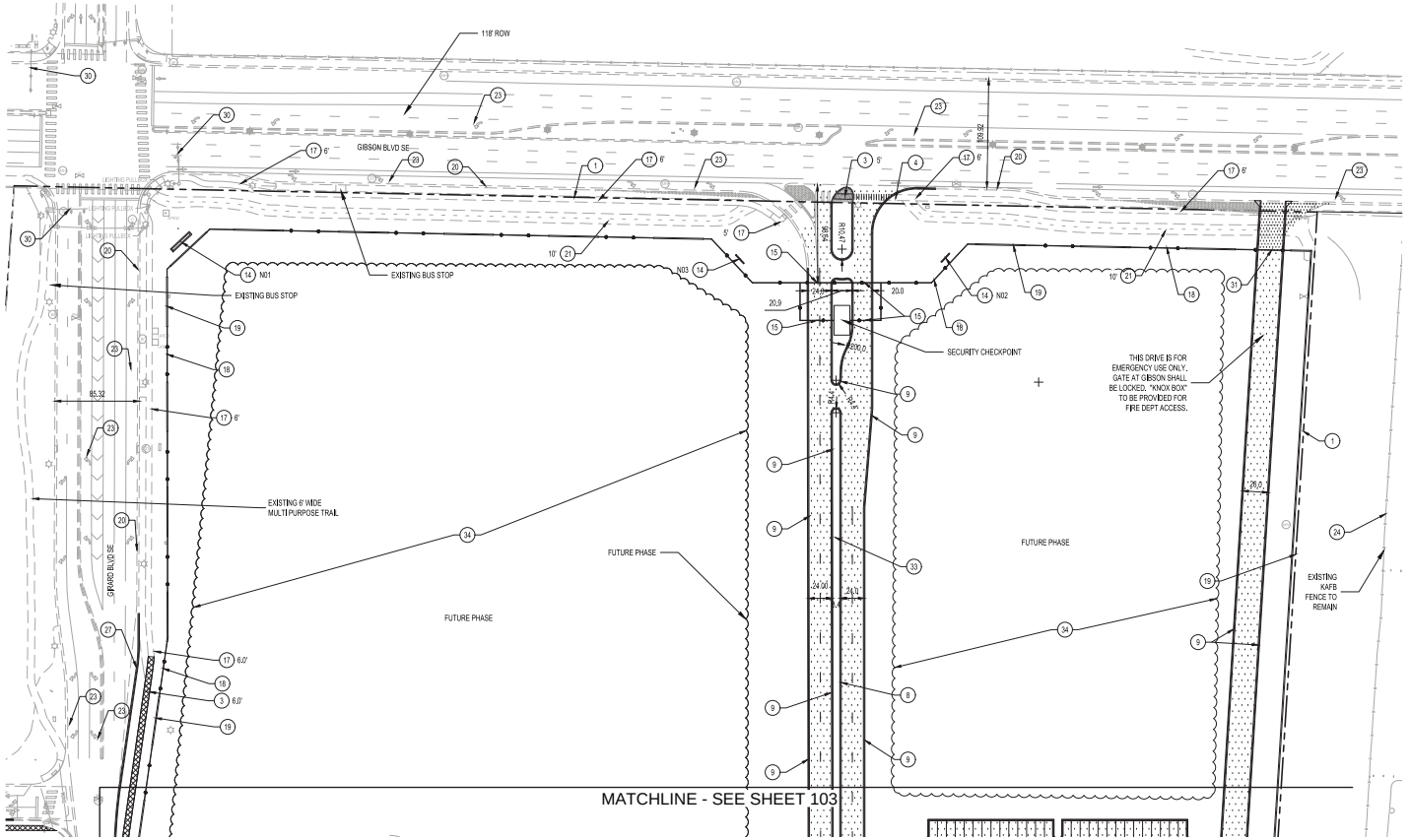
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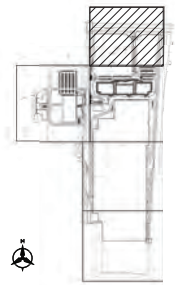
Sheet Title:
OVERALL SITE PLAN

Sheet Number:
100



SITE PLAN KEYED NOTES

1. PROPERTY LINE.
2. RETAINING WALL. SEE GRADING/DRAINAGE PLAN.
3. CONCRETE SIDEWALK. WIDTH VARIES; SEE PLAN FOR DIMENSIONS.
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5. ADA ACCESS AISLE AND ADA "HANDICAP PARKING ONLY" SIGN. SEE DETAILS C5 AND D1, SHEET 106.
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12. DIESEL GENERATOR. SEE SHEET 108.
13. POLE MOUNTED LIGHT. SEE LIGHTING PLAN FOR DETAILS.
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35. MULTI-USE TRAIL.



KEY MAP

LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT
- COLORED, TEXTURED CONCRETE CROSSWALK
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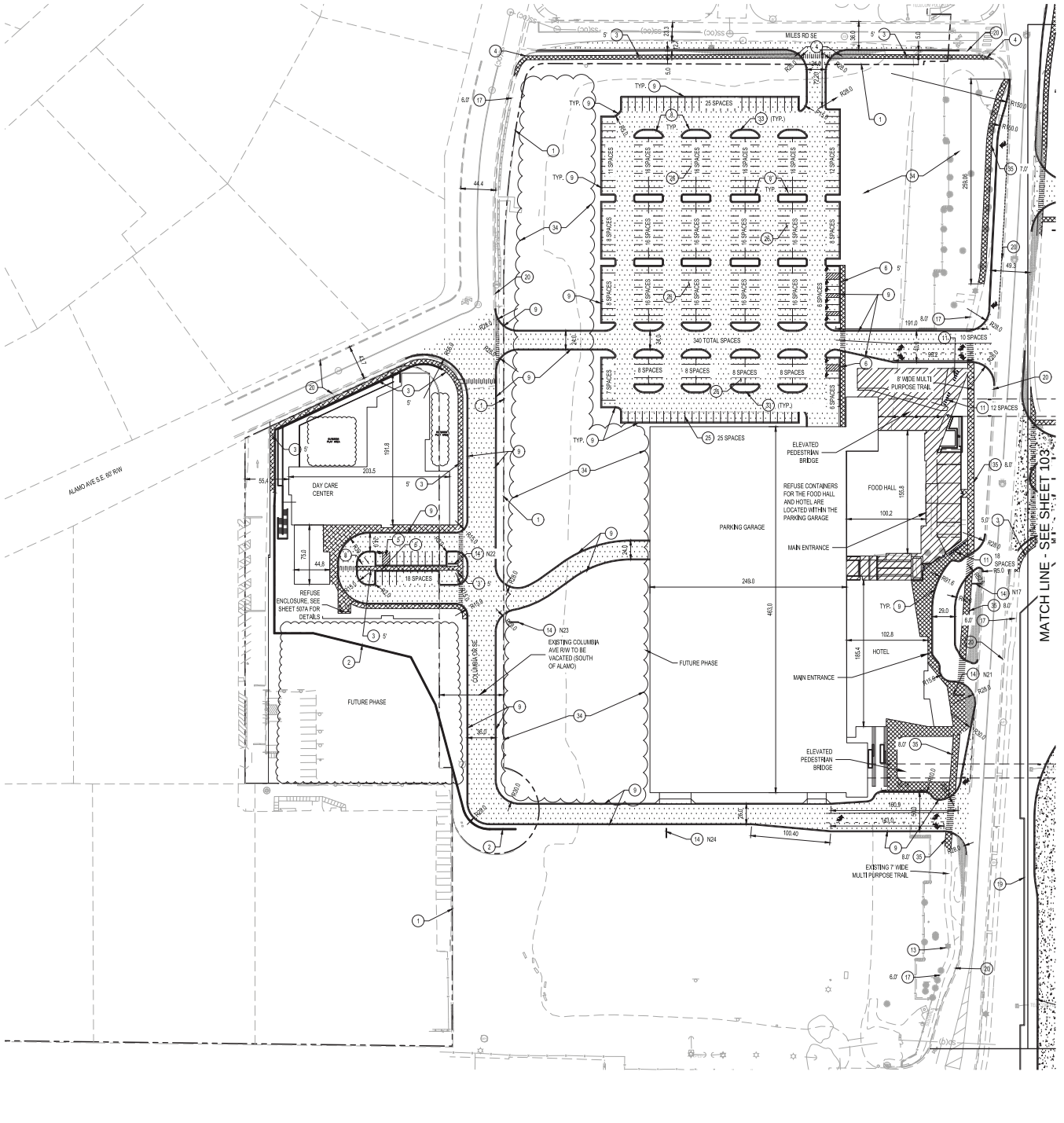
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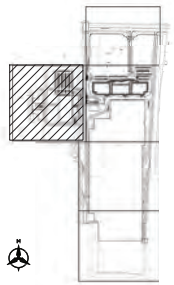
Sheet Title:
SITE PLAN

Sheet Number:
101



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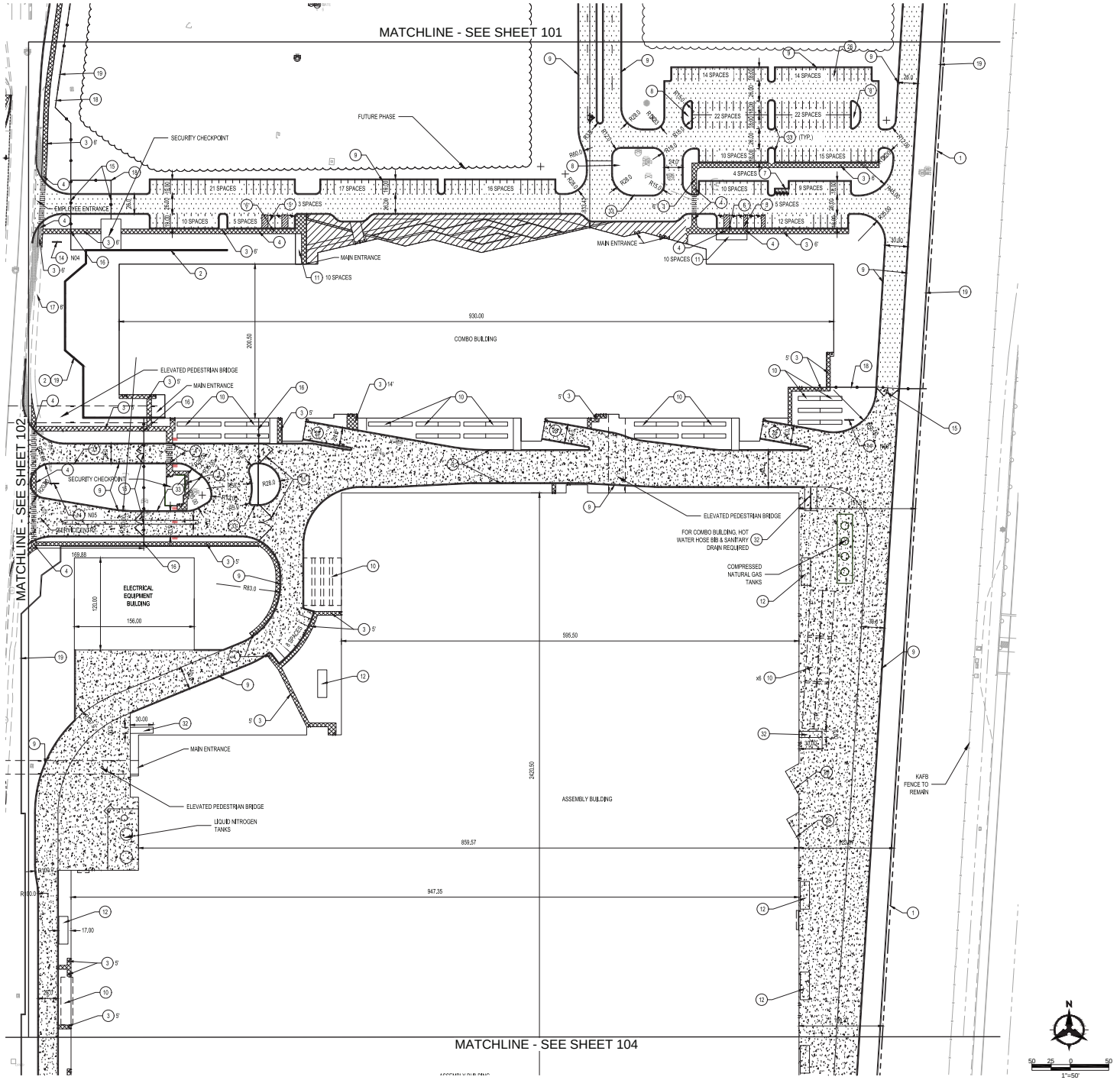
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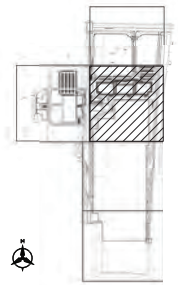
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SITE PLAN

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102



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50 25 0 50
1"=50'

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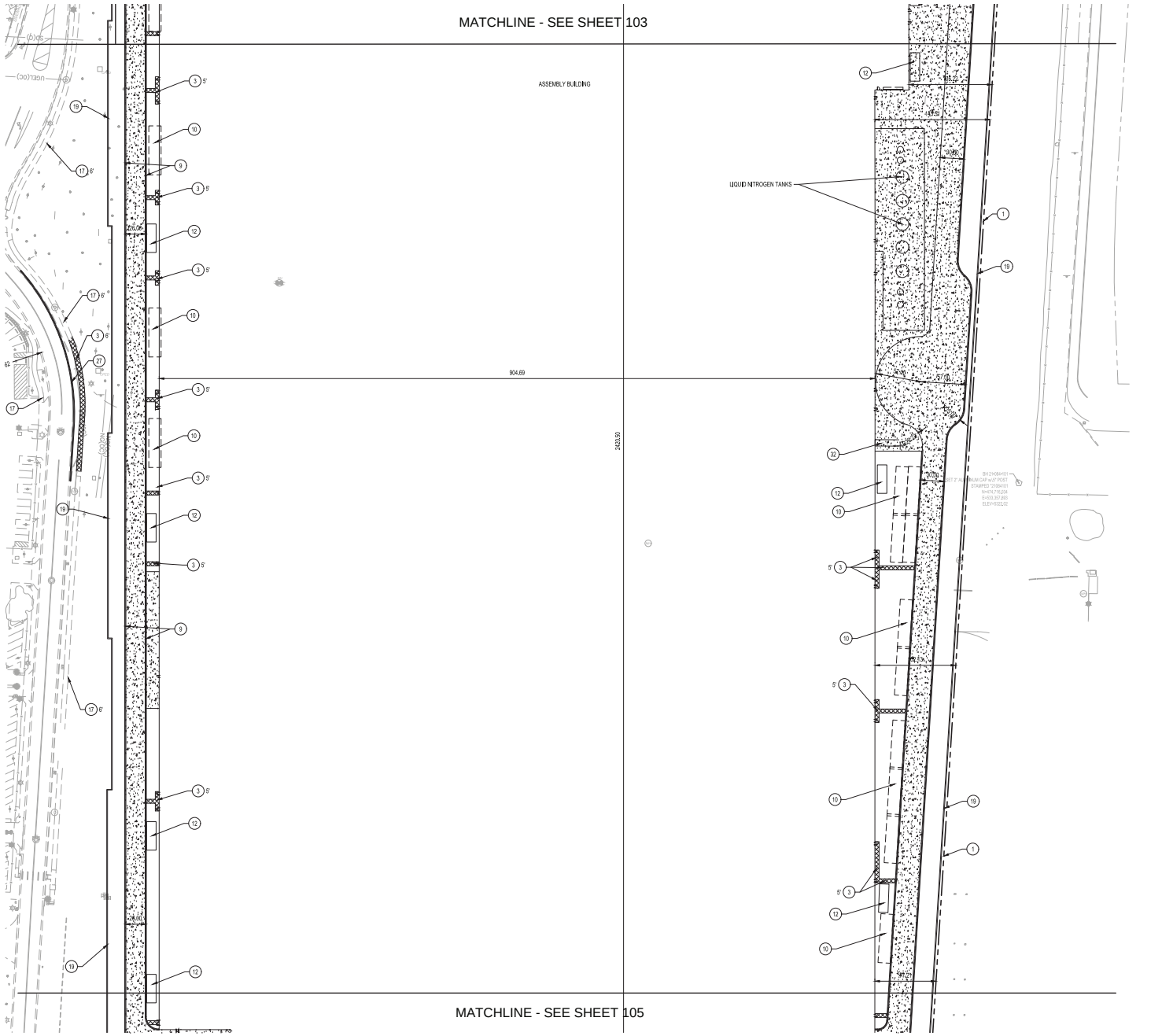
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Sheet Number:
103

MATCHLINE - SEE SHEET 103



MATCHLINE - SEE SHEET 105

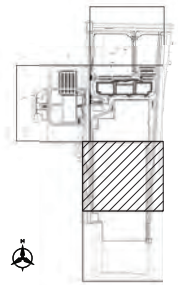
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50 25 0 50

1"=50'

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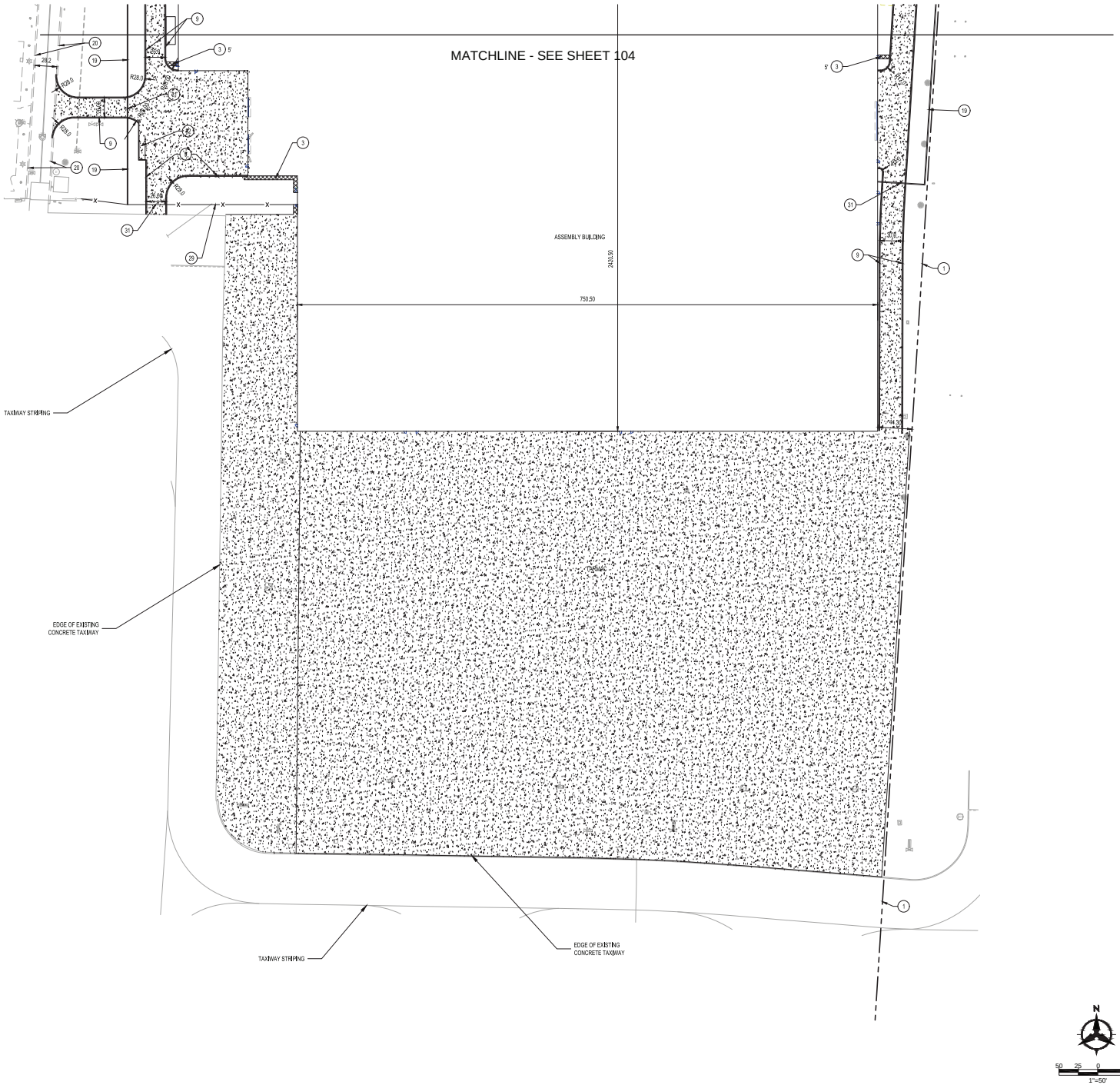
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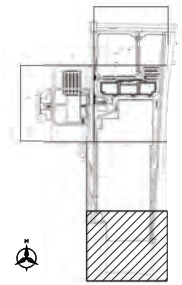
Sheet Title:
SITE PLAN

Sheet Number:
104



SITE PLAN KEYED NOTES

1. PROPERTY LINE.
2. RETAINING WALL. SEE GRADING/DRAINAGE PLAN.
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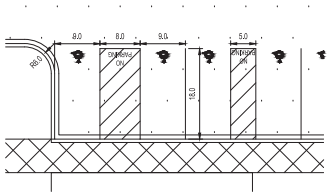
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

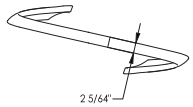
Sheet Title:
SITE PLAN

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105

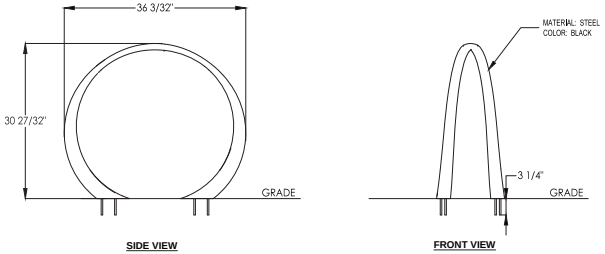


D1 TYPICAL ADA PARKING STALLS

SCALE: 1" = 10'

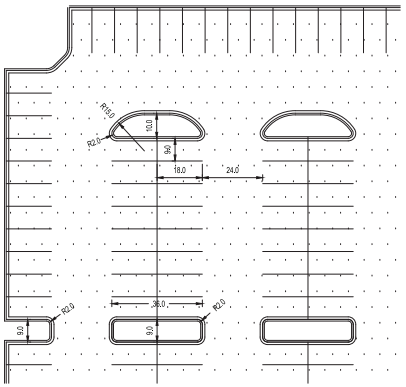


PLAN VIEW



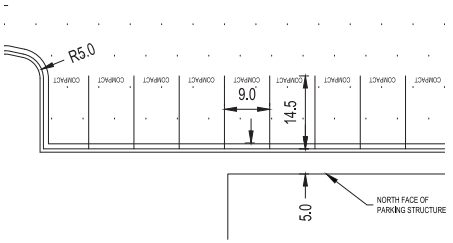
B1 BIKE RACK

NTS



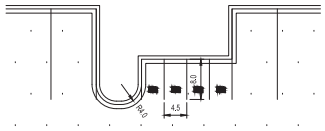
D3 TYPICAL PARKING STALLS

SCALE: 1" = 10'



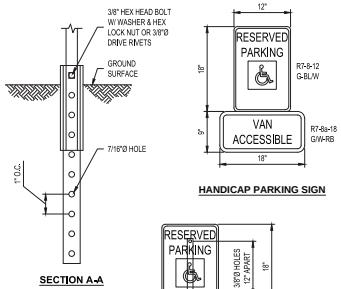
B3 TYPICAL COMPACT PARKING STALLS

SCALE: 1" = 10'



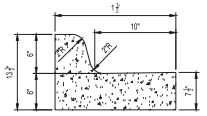
A3 TYPICAL MOTORCYCLE PARKING STALLS

SCALE: 1" = 10'



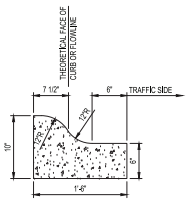
C5 ACCESSIBLE SPACE SIGN

NTS



B5 MEDIAN CURB & GUTTER

NTS



A5 MOUNTABLE CURB

NTS

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ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
SITE PLAN
DETIALS

Sheet Number:
106

PHOTOMETRIC SCHEDULE NOTES

1. ALL FOOT CANDLE (FC) LEVELS ARE CALCULATED AT GRADE LEVEL UNLESS NOTED OTHERWISE.
2. GUARD CANOPY FC LEVELS VERTICALLY AT 4' 9" AFG.

PHOTOMETRIC SCHEDULE (1)

PARKING AREA LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	1.9	1.5
MAX/MIN	3.3:1	4.0:1
AVG/MIN	2.1:1	2.0:1

LOADING ZONES LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	2.1	1.75
MAX/MIN	5.2:1	4.2:1
AVG/MIN	1.61:1	1.45:1

PEDESTRIAN AREAS LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	3.3	2.9
MAX/MIN	6.8:1	4.0:1
AVG/MIN	1.9:1	1.93:1

ROADWAY AREAS LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	1.8	1.3
MAX/MIN	3.8:1	5.0:1
AVG/MIN	2.0:1	2.2:1

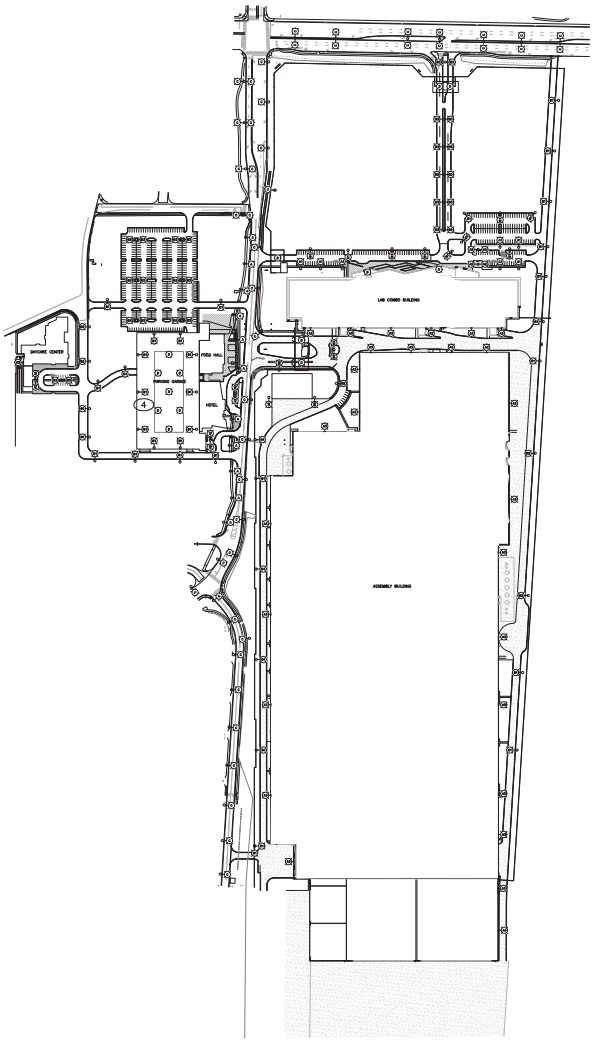
INTERSECTION AREAS LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	2.9	2.0
MAX/MIN	5.0:1	5.0:1
AVG/MIN	1.9:1	1.8:1

ENTRANCE AREAS LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	5.0	5.0
MAX/MIN	5.2:1	5.5:1
AVG/MIN	3.8:1	4.0:1

GUARD CANOPY AREAS LIGHTING		
	PROJECTED	IES RECOMMENDATION
AVERAGE (fc)	20.0	20.0
MAX/MIN	4.0:1	4.2:1
AVG/MIN	1.0:1	1.1:1

LUMINAIRE AND EQUIPMENT SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER/DESIGN	LAMPS
A1	SINGLE FIXTURE, ALUMINUM POLE MOUNT WITH INTEGRAL MOTION SENSING AND TWO LEVEL LIGHTING, PLATINUM SILVER	ARCHITECTURAL AREA LIGHTING / KICK-K5 MEDIUM SCALE K51-T4-9040-SCP-SF-SMK. SEE DESIGN DETAILS.	87 W, 277V, 4000K
A2	TWO FIXTURES 180° APART, ALUMINUM POLE MOUNT WITH INTEGRAL MOTION SENSING AND TWO LEVEL LIGHTING, PLATINUM SILVER	ARCHITECTURAL AREA LIGHTING / KICK-K5 MEDIUM SCALE K52-T4-9040-SF. SEE DESIGN DETAILS.	87 W, 277V, 4000K
–	12' SQUARE ALUMINUM 5" POLE WITH ONE-PIECE BASE COVER, PLATINUM SILVER	ARCHITECTURAL AREA LIGHTING / K5X-PS512-188 WITH ONE PIECE BASE COVER. SEE DESIGN DETAILS.	
A3 (3)	SINGLE FIXTURES, WALL MOUNT WITH INTEGRAL MOTION SENSING AND TWO LEVEL LIGHTING, PLATINUM SILVER	ARCHITECTURAL AREA LIGHTING / KICK-K5 MEDIUM SCALE K52-T4-9040-SF-WMK. SEE DESIGN DETAILS.	87 W, 277V, 4000K
B1	CIMARRON CL1 LED, SINGLE ARM MOUNT POLE, PHOTO CONTROL, PLATINUM SILVER	HUBBEL. CL1-A-90LU-4K-3-PS. SEE DESIGN DETAILS.	120 W, 277V, 4000K
B2	CIMARRON CL1 LED, SINGLE ARM MOUNT POLE, PHOTO CONTROL, PLATINUM SILVER	HUBBEL. CL1-A-90LU-4K-4-PS. SEE DESIGN DETAILS.	120 W, 277V, 4000K
–	30' SQUARE ALUMINUM 5" POLE FOR SINGLE ARM FIXTURE, PLATINUM SILVER	HUBBEL. SSS-H-30-50-C-1-S2-PS. SEE DESIGN DETAILS.	
B3	CIMARRON CL1 LED, TWO FIXTURES AT 180° APART, POLE MOUNT, PHOTO CONTROL, PLATINUM SILVER	HUBBEL. CL1-A-90LU-4K-5W-PS & SSS-H-25-50-B-1-S2-PS. SEE DESIGN DETAILS.	120 W, 277V, 4000K
–	30' SQUARE ALUMINUM 5" POLE FOR TWO FIXTURES AT 180°, PLATINUM SILVER	HUBBEL. SSS-H-30-50-C-2-S2-PS. SEE DESIGN DETAILS.	
C	LED ROADWAY LUMINAIRE WITH PHOTO CONTROL	LED ROADWAY LUMINAIRE / GE EVOLVE ERL2-0-16-C3-40-A-GRAY. SEE DESIGN DETAILS.	120 W, 277V, 4000K
–	HAPCO 30' ROUND ALUMINUM TAPERED POLE WITH BREAKAWAY BASE.	HAPCO SINGLE DAVIT / RTA 30 C 8 B 4 D 1 6-01. SEE DESIGN DETAILS.	
D	UNDER CANOPY LIGHTING	TBD	4000K
E (5)	CYPHER – CY2 LED, WALL MOUNT WITH INTEGRAL MOTION SENSING AND BATTERY BACKUP FOR EMERGENCY EGRESS, PLATINUM SILVER	HUBBEL. CY2-X5-4K7-1-4-UNV	40 W, 277V, 4000K



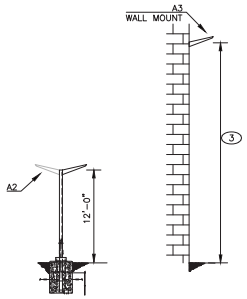
LEGEND
SCALE: NONE

- SINGLE LUMINAIRE ON POLE MOUNT
- DOUBLE LUMINAIRE ON POLE MOUNT
- WALL MOUNTED LUMINAIRE
- LUMINAIRE MOUNTED ON UNDERSIDE OF CANOPY
- FIXTURE TYPE (REFER TO LUMINAIRE AND EQUIPMENT SCHEDULE ON THIS SHEET)

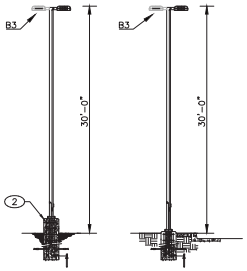
SITE LIGHTING LAYOUT
SCALE: 1"=200'

0 40' 100' 200' 400'
1"=200'-0"

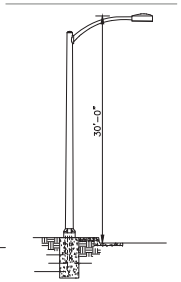
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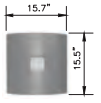
LIGHTING DETAIL: A
SCALE: NONE



LIGHTING DETAIL: B
SCALE: NONE



LIGHTING DETAIL: C
SCALE: NONE



LIGHTING DETAIL: E
SCALE: NONE (5)

KEYED NOTES (4)

1. PROJECTED LIGHTING LEVELS AND COLOR TEMPERATURES HAVE BEEN SELECTED TO MATCH EXISTING LIGHTING CONDITIONS FOUND AT THE SUNPORT INTERNATIONAL AIRPORT.
2. CONCRETE SUPPORT REQUIRED FOR LIGHT POLE SUPPORT IN AREAS SUBJECT TO VEHICLE TRAFFIC.
3. WALL MOUNT FIXTURES ON BUILDING MOUNTED AT 30' AFG IN LOADING AREAS AND ALONG ROADWAYS TO MATCH LIGHTING LEVELS AND HEIGHTS OF POLE MOUNTED FIXTURES TO PROVIDE LIGHTING UNIFORMITY FOR PERSONNEL WORKING IN LOADING AREAS AND DRIVING ON ROADWAYS. LIGHTING HEIGHT IS APPROVED BY EPC.
4. POLE FIXTURES ON PARKING GARAGE SHALL BE MOUNTED AT 15' AFF.
5. TYPE 3 FIXTURES SHALL BE USED FOR EMERGENCY EGRESS ABOVE EACH MAN DOOR AND SHALL ALSO BE USED FOR AREA LIGHTING ON THE CHILDCARE FACILITY. TYPE E FIXTURES SHALL NOT BE MOUNTED GREATER THAN 15' AFG. FIXTURE NOT SHOWN ON THE SITE LIGHTING PLAN.

GENERAL NOTES

1. LIGHTING FIXTURES SHOWN IN LIGHTER LINE WEIGHTS ARE EXISTING.
2. ALL LIGHTING LUMINARIES ARE LED AND ARE COMPLIANT WITH THE NIGHT SKY PROTECTION ACT.

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87106 505 242 5700 office
MolzenCorbin.com

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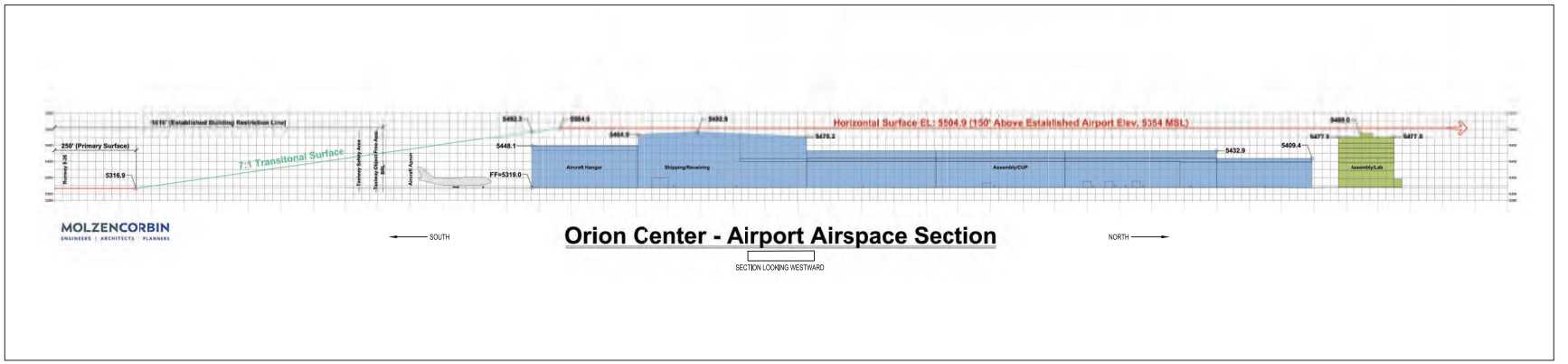
ORION CENTER
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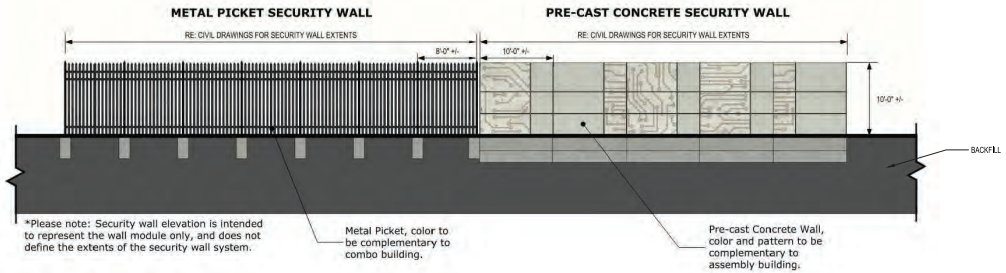
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SITE LIGHTING PLAN

Sheet Number:
107

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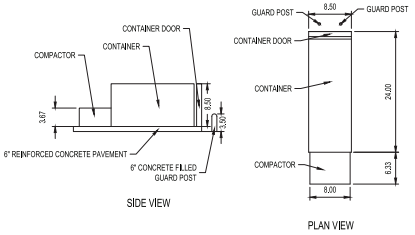


D3 **AIRPORT AIRSPACE SECTION**



A1 SECURITY WALL ELEVATION

B2 **SECURITY WALL ELEVATION**



A5 **REFUSE ENCLOSURE**

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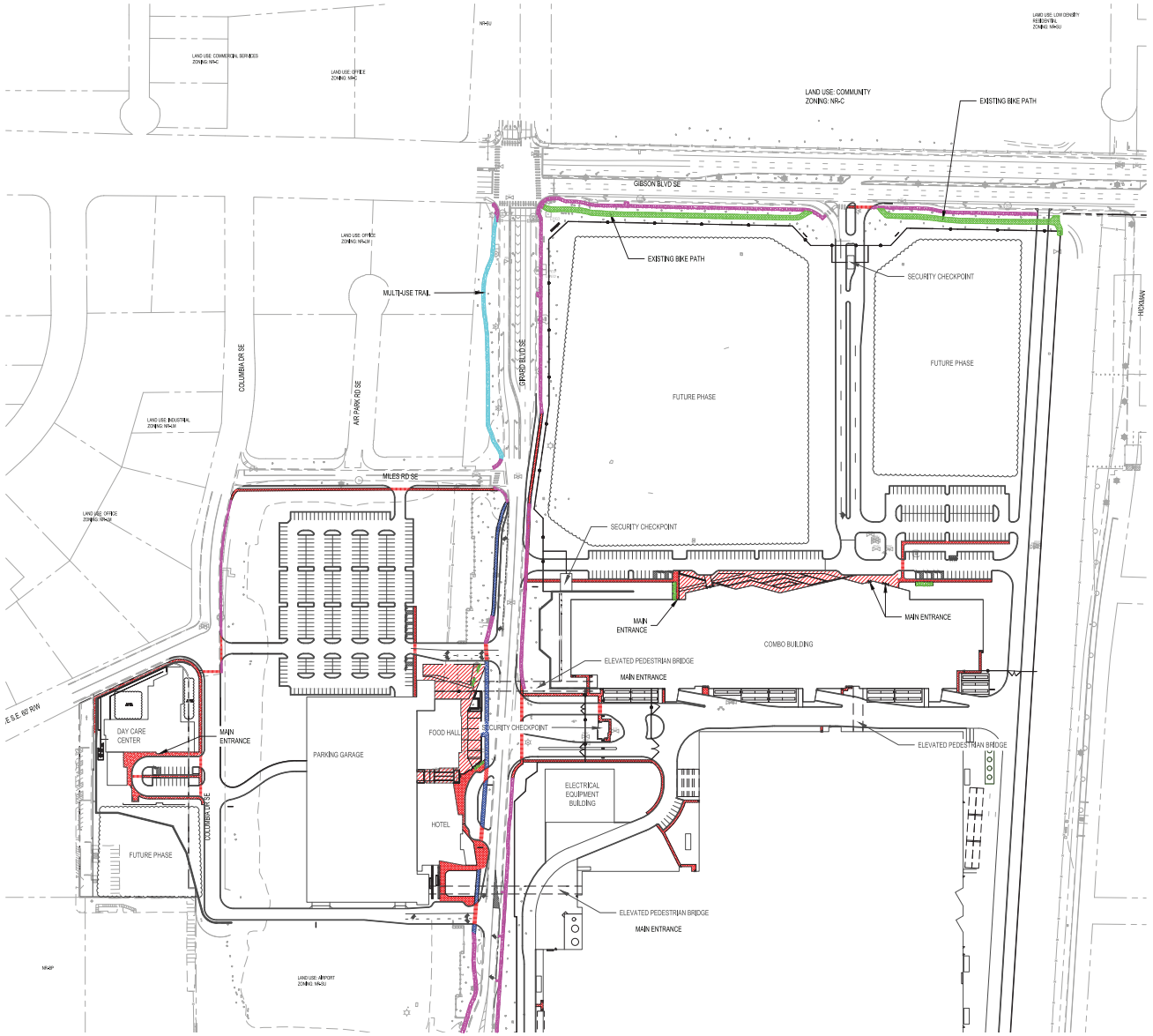
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
SITE PLAN DETAILS

Sheet Number:
108



LEGEND

- EXISTING PEDESTRIAN SIDEWALK
- PROPOSED PEDESTRIAN SIDEWALK
- COLORED, TEXTURED CONCRETE CROSSWALK
- LANDSCAPE PLAZA AREA
- EXISTING MULTI-USE TRAIL
- PROPOSED MULTI-USE TRAIL
- EXISTING BIKE PATH
- PROPOSED BIKE PARKING
- PROPERTY LINE
- PROPOSED CURB & GUTTER
- EXISTING STREET LIGHT TO REMAIN
- SECURITY GATE
- SECURITY FENCE
- RETAINING WALL

N

100 50 0 100
1"=100'

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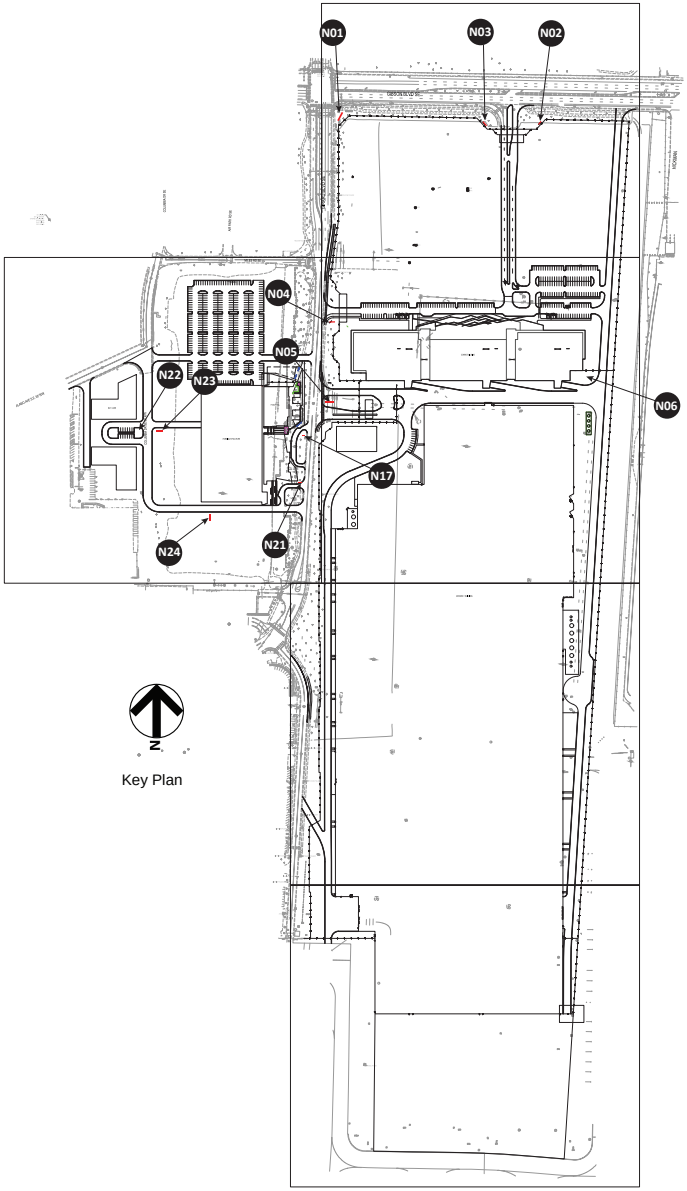
ORION CENTER
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Sheet Information

Sheet Title:
BICYCLE & PEDESTRIAN CIRCULATION PLAN

Sheet Number:
109

MONUMENT SIGNAGE SITE PLAN



Key Plan

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PROJECT 22

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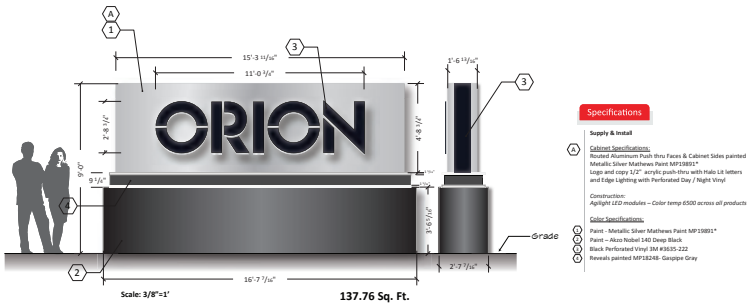
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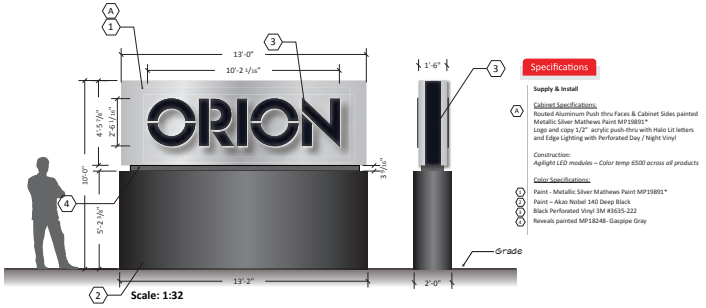
Site Plan: Monument Signs

Sheet Number:

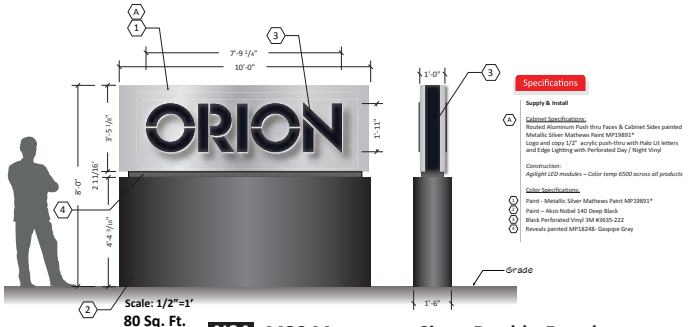
120



N01 M140 Monument Sign - Single-Faced

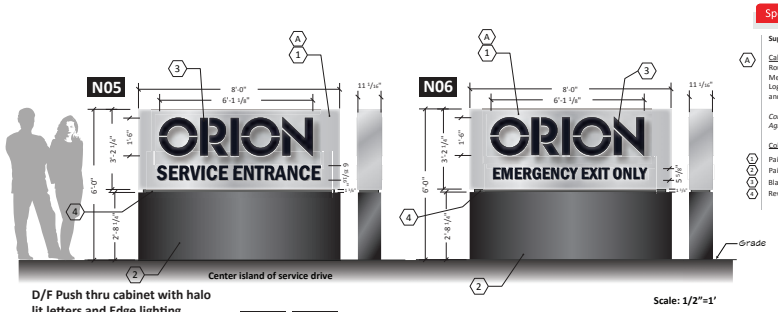


N02 **N03** M130 Monument Sign - Double-Faced



N04 M80 Monument Sign - Double-Faced

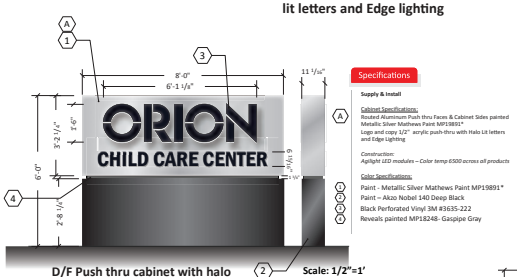
Push thru cabinet with halo lit letters and Edge lighting



D/F Push thru cabinet with halo lit letters and Edge lighting

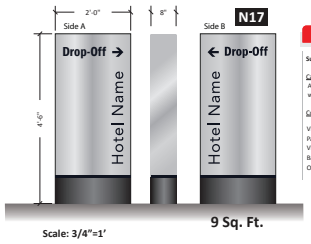
N05 **N06** M48 Monument Signs - Double-Faced

48 Sq. Ft.



D/F Push thru cabinet with halo lit letters and Edge lighting

N22 M48 Monument Signs - Double-Faced



N17 Hotel - D9 - Directional Sign



N21 D30 - Directional Sign



N23 **N24** Parking Garage - D50 - Directionals

48.33 Sq. Ft.

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ORION CENTER
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ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Monument Sign Overview

Sheet Number:
121

GENERAL LANDSCAPE NOTES

IRRIGATION
IRRIGATION SYSTEM STANDARDS OUTLINED IN THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE SHALL BE STRICTLY ADHERED TO. A FULLY AUTOMATED IRRIGATION SYSTEM WILL BE USED TO IRRIGATE TREE, SHRUB AND GROUNDCOVER PLANTING AREAS. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO ISOLATE PLANT MATERIAL ACCORDING TO SOLAR EXPOSURE AND WILL BE SET UP BY PLANT ZONES ACCORDING TO WATER REQUIREMENTS. THE TREES WILL BE PROVIDED WITH (6) 2 GPH EMITTERS, WITH THE ABILITY TO BE EXPANDED TO ACCOMMODATE THE GROWTH OF THE TREE. SHRUBS AND GROUNDCOVERS WILL BE PROVIDED WITH (2) 1 GPH EMITTERS. TREES, SHRUBS AND GROUNDCOVERS WILL BE GROUPED ON THE SAME VALVE.

RESPONSIBILITY OF MAINTENANCE
MAINTENANCE OF ALL PLANTING AND IRRIGATION, INCLUDING THOSE WITHIN THE PUBLIC R.O.W., SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

METHOD FOR COMPLYING WITH WATER CONSERVATION ORDINANCE
THE PLANT PALETTE IS PREDOMINANTLY COMPRISED OF PLANTS WITH LOW TO MEDIUM WATER USE REQUIREMENTS, THEREBY MINIMIZING IRRIGATION NEEDS WHILE ENSURING THE VIABILITY OF THE PLANTS.

PNM COORDINATION
COORDINATION WITH PNM'S NEW SERVICE DELIVERY DEPARTMENT IS NECESSARY REGARDING PROPOSED TREE LOCATION AND HEIGHT, SIGN LOCATION AND HEIGHT, AND LIGHTING HEIGHT IN ORDER TO ENSURE SUFFICIENT SAFETY CLEARANCES.

SCREENING WILL BE DESIGNED TO ALLOW FOR ACCESS TO ELECTRIC UTILITIES. IT IS NECESSARY TO PROVIDE ADEQUATE CLEARANCE OF TEN FEET IN FRONT AND AT LEAST 5 FEET ON THE REMAINING THREE SIDES SURROUNDING ALL GROUND-MOUNTED EQUIPMENT FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.

SECURITY
FOR SECURITY PURPOSES LANDSCAPING IS INSTALLED SO AS NOT TO OBSTRUCT WINDOWS, DOORS, ENTRYWAYS, OR LIGHTING.

FOR SECURITY PURPOSES LANDSCAPING WILL BE MAINTAINED TO PROVIDE NATURAL SURVEILLANCE. TRIMMING TREES UP TO CREATE A CANOPY OF AT LEAST SIX FEET, AND TRIMMING SHRUBS AND BUSHES DOWN TO THREE FEET.

CURB CUTS
LANDSCAPE ISLANDS WILL HAVE CURB CUTS FOR WATER HARVESTING.

CLEAR SIGHT DISTANCE:
LANDSCAPING, FENCING AND SIGNING WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ACCEPTABLE IN THE CLEAR SIGHT TRIANGLE.

LANDSCAPE AREA CALCULATIONS

COMBO BUILDING/ASSEMBLY BUILDING:

SITE AREA:	104.15 ACRES)	4,536,774 SF
BUILDING:		2,249,868 SF
(EXCLUDE REVEG AREA):		603,352 SF
NET LOT AREA:		1,683,554 SF
REQUIRED LANDSCAPE AREA (15%):		252,533 SF
PROVIDED LANDSCAPE AREA (35%):		582,404 SF

HOTEL/FOOD HALL/PARKING GARAGE:

SITE AREA:	(14.85 ACRES)	646,866 SF
BUILDING:		152,138 SF
NET LOT AREA:		494,728 SF
REQUIRED LANDSCAPE AREA (15%):		74,209 SF
PROVIDED LANDSCAPE AREA (16%):		81,022 SF
(EXCLUDES 356,473 SF REVEG AREA)		

DAYCARE:

SITE AREA:	(2.80 ACRES)	121,968 SF
BUILDING:		25,711 SF
(EXCLUDE REVEG AREA):		49,773 SF
NET LOT AREA:		46,484 SF
REQUIRED LANDSCAPE AREA (15%):		6,973 SF
PROVIDED LANDSCAPE AREA (46%):		21,381 SF

LANDSCAPE LIVE VEGETATIVE COVERAGE
LANDSCAPE COVERAGE REQUIREMENTS SPECIFY TREE CANOPIES AND GROUND-LEVEL PLANTS SHALL COVER A MINIMUM OF 75%. A MINIMUM OF 25% SHALL BE PROVIDED AS GROUND-LEVEL PLANTS (SHRUBS, GRASSES, ETC.) OF THE REQUIRED VEGETATIVE COVERAGE. (EXCLUDES EXISTING LANDSCAPE AREA TO REMAIN 86,389 SF)

REQUIRED LIVE VEGETATIVE MATERIAL COVERAGE	448,814 SF	(75%)
PROVIDED LIVE VEGETATIVE MATERIAL COVERAGE	530,262 SF	(89%)
REQUIRED GROUND-LEVEL PLANT COVERAGE	112,203 SF	(25%)
PROVIDED GROUND-LEVEL PLANT COVERAGE	157,711 SF	(30%)

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

ALLOWABLE TURF GRASS AREA	33,372 SF	(10%)
PROVIDED TURF GRASS AREA	11,262 SF	(3.3%)

PARKING LOT AREA
AT LEAST 15% OF THE PARKING LOT AREA OF LOTS CONTAINING 50 OR MORE SPACES, SHALL BE LANDSCAPED.

PROVIDING 571 PARKING SPACES.

TOTAL PARKING LOT AREA:	119,144 SF	
PROVIDED LANDSCAPE AREA:	19,451 SF	(16%)

PARKING LOT TREES
PARKING LOT TREE REQUIREMENTS ARE BASED UPON 1 TREE PER 10 SPACES.

571 PARKING SPACES / 10 SPACES = 57 TREES REQUIRED
- PROVIDED: 57 TREES

STREET TREES
STREET TREE REQUIREMENTS SPECIFY THE SPACING BETWEEN STREET TREES, WITHIN THE PUBLIC RIGHT-OF-WAY, SHALL BE INSTALLED AT A FREQUENCY OF 30 FEET PER LINEAR FOOT OF STREET FRONTAGE.

GIBSON BLVD: EXISTING STREETSCAPE TO REMAIN

GIRARD BLVD: 1,851 LF / 30 FEET PER TREE = 62 REQUIRED TREES (2,485 LF OF EXISTING STREETSCAPE TO REMAIN)
- PROVIDED: 62 TREES

PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	INSTALLED SIZE	MATURE HEIGHT	MATURE SPREAD	WATER USE
TREES							
	Gleditsia triacanthos var. inermis 'Shademaster'	SHADEMASTER HONEY LOCUST	73	2.5" CALIPER , 10'-12' HT.	45'	35'	MEDIUM
	Ulmus 'Frontier'	FRONTIER ELM	93	2.5" CALIPER , 10'-12' HT.	40'	30'	MEDIUM
	Ulmus propinqua	EMERALD SUNSHINE ELM	48	2.5" CALIPER , 10'-12' HT.	40'	30'	MEDIUM
	Pistacia chinensis	CHINESE PISTACHE	84	2.5" CALIPER , 10'-12' HT.	40'	30'	MEDIUM
	Celtis reticulata	NETLEAF HACKBERRY	81	2.5" CALIPER, 8' MIN. HT.	25'	25'	MEDIUM
	Koelreuteria paniculata	GOLDEN RAINTREE	19	2.5" CALIPER, 8' MIN. HT.	25'	25'	MEDIUM
	Forestiera neomexicana	NEW MEXICO OLIVE	47	1-1/2" CALIPER, 6' MIN. HT.	15'	15'	MEDIUM
	Chilopsis linearis 'Bubba'	DESERT WILLOW	43	2" CALIPER, 8' MIN. HT.	20'	25'	LOW
	Lagerstroemia indica 'Whit II'	DYNAMITE CRAPE MYRTLE	24	2" CALIPER, 8' MIN. HT.	15'	15'	MEDIUM
	Pinus nigra	AUSTRIAN PINE	103	B&B, 8' MIN. HT.	35	25'	MEDIUM
	Vitex agnus-castus	CHASTE TREE	18	1-1/2" CALIPER, 6' MIN. HT.	20	20'	MEDIUM
	Juniperus scopulorum 'Wichita Blue'	WICHITA BLUE JUNIPER (FEMALE ONLY)	86	B&B, 8' MIN. HT.	20	8'	MEDIUM
LARGE SHRUBS AND GROUNDCOVERS							
	Chrysothamnus nauseosus	CHAMISA	4397	5 GALLON	48"	48"	LOW
	Prunus glandulosa 'Rosea Plena'	FLOWERING ALMOND		5 GALLON	48"	48"	MEDIUM
	Buddleia davidi nanhoensis 'Mongo'	PETITE INDIGO DWARF BUTTERFLY BUSH		5 GALLON	60"	60"	MEDIUM
	Fallugia paradoxa	APACHE PLUME		5 GALLON	48"	48"	LOW
	Cytisus x praecox 'Allgold'	ALLGOLD BROOM		1 GALLON	60"	60"	MEDIUM
	Campsis grandiflora 'Madame Galen'	MADAME GALEN TRUMPET VINE		5 GALLON	10'	10'	MEDIUM
MEDIUM SHRUBS AND GROUNDCOVERS							
	Krascheninnikovia lanata	WINTERFAT	4395	5 GALLON	36"	36"	LOW
	Rhus trilobata 'Autumn Amber'	AUTUMN AMBER SUMAC		5 GALLON	18"	72"	LOW
	Caryopteris x clandonensis	BLUE MIST SPIREA		1 GALLON	36"	36"	LOW
	Lavandula x intermedia 'Grosso'	GROSSO LAVENDER		1 GALLON	36"	36"	MEDIUM
	Juniperus sabina 'Buffalo'	BUFFALO JUNIPER		5 GALLON	18"	72"	LOW
	Zauschneria	HUMMINGBIRD TRUMPET		1 GALLON	36"	24"	LOW
SMALL SHRUBS AND GROUNDCOVERS							
	Dalea formosa	FEATHER DALEA	5477	1 GALLON	24"	36"	LOW
	Ericameria laricifolia 'Acquire'	TURPENTINE BUSH		1 GALLON	24"	24"	LOW
	Nandina domestica 'Harbour Dwarf'	HARBOUR DWARF NANDINA		1 GALLON	18"	30"	MEDIUM
	Baileya multiradiata	DESERT MARIGOLD		1 GALLON	18"	18"	LOW
	Psilostrophe tagetina	PAPER FLOWER		1 GALLON	20"	12"	LOW
	Sphaeralcea coccinea	SCARLET GLOBEMALLOW		1 GALLON	24"	24"	LOW
	Achillea 'Moonshine'	MOONSHINE YARROW		1 GALLON	24"	24"	LOW
	Linope gigantea	GIANT LILYTURF		1 GALLON	24"	24"	LOW
ORNAMENTAL GRASSES AND DESERT ACCENTS							
	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS	7531	1 GALLON	36"	36"	LOW
	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER GRASS		1 GALLON	48"	24"	MEDIUM
	Hesperaloe parviflora 'Perpa'	BRAKELIGHTS RED YUCCA		5 GALLON	36"	36"	LOW
	Hesperaloe parviflora 'Yellow'	YELLOW YUCCA		5 GALLON	36"	36"	LOW
	Stipa tenuissima	MEXICAN FEATHER GRASS		1 GALLON	24"	24"	LOW
	Muhlenbergia capillaris 'Lenca'	PINK MUHLY GRASS		1 GALLON	48"	36"	MEDIUM
	Nolina microcarpa	BEARGRASS		5 GALLON	48"	48"	LOW
	Dasylirion wheeleri	DESERT SOTOL		5 GALLON	60"	60"	LOW

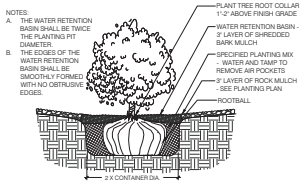
Note: For the purposes of clarity, the shrubs are only illustrated on the enlargements located on Sheets 206 and 207. These enlargements are intended to illustrate basic layout and intensity of plant material.

LANDSCAPE MATERIALS

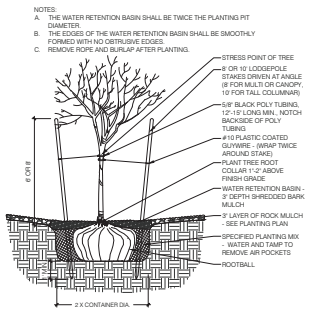
QTY	SYMBOL	DESCRIPTION
598,418 SF		LANDSCAPE AREAS TO BE COVERED WITH 1"-3" AMARETTO BROWN GRAVEL (4" DEPTH), 2"-4" COYOTE MIST COBBLE (6" DEPTH), 4"-8" COYOTE MIST COBBLE (10" DEPTH), OR EQUAL, OVER FILTER FABRIC. SHREDDED BARK MULCH WILL BE PROVIDED BENEATH THE ENTIRE TREE CANOPY FOR ALL NEW TREES IN LANDSCAPE AREAS.
11,262 SF		TURF GRASS AREA - PARK BLEND: BLEND OF KENTUCKY BLUEGRASS, RYEGRASS AND TALL FESCUE MIX
1,009,598 SF		REVEGETATIVE SEED MIX - NATIVE GRASS AND WILDFLOWER MIX
165 EA		DESERT DRIFTWOOD LANDSCAPE BOULDERS (3' MIN. DIMENSION)

EXISTING LANDSCAPE LEGEND

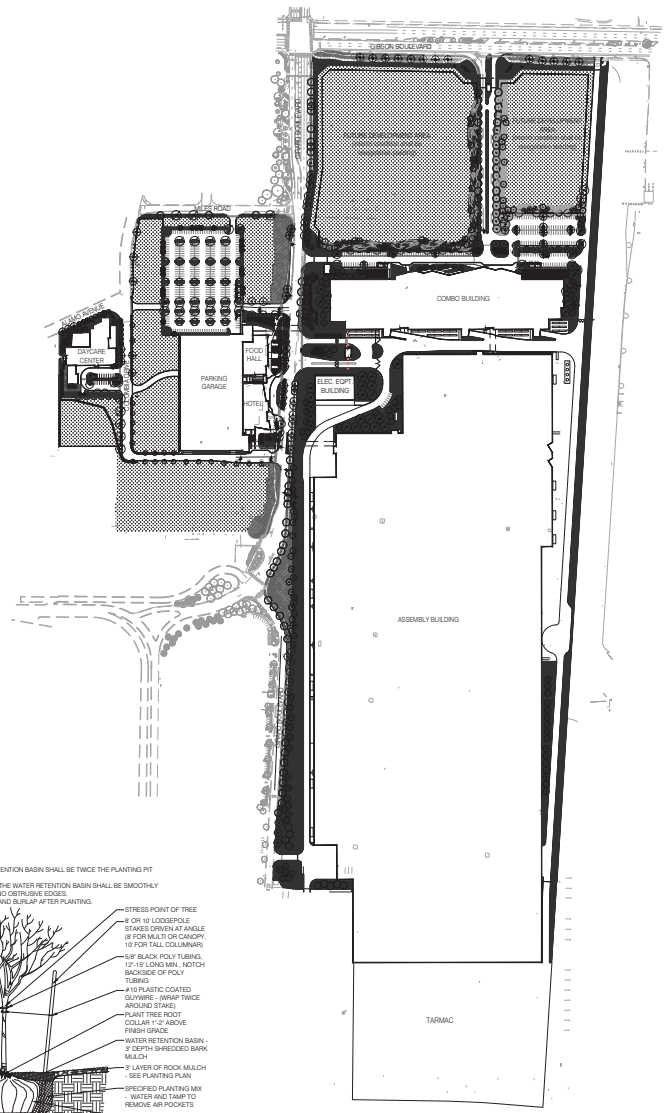
QTY	SYMBOL	DESCRIPTION
86,389 SF		EXISTING LANDSCAPE AREA TO REMAIN



A SHRUB PLANTING DETAIL
SCALE: N.T.S.



B TREE PLANTING DETAIL
SCALE: N.T.S.



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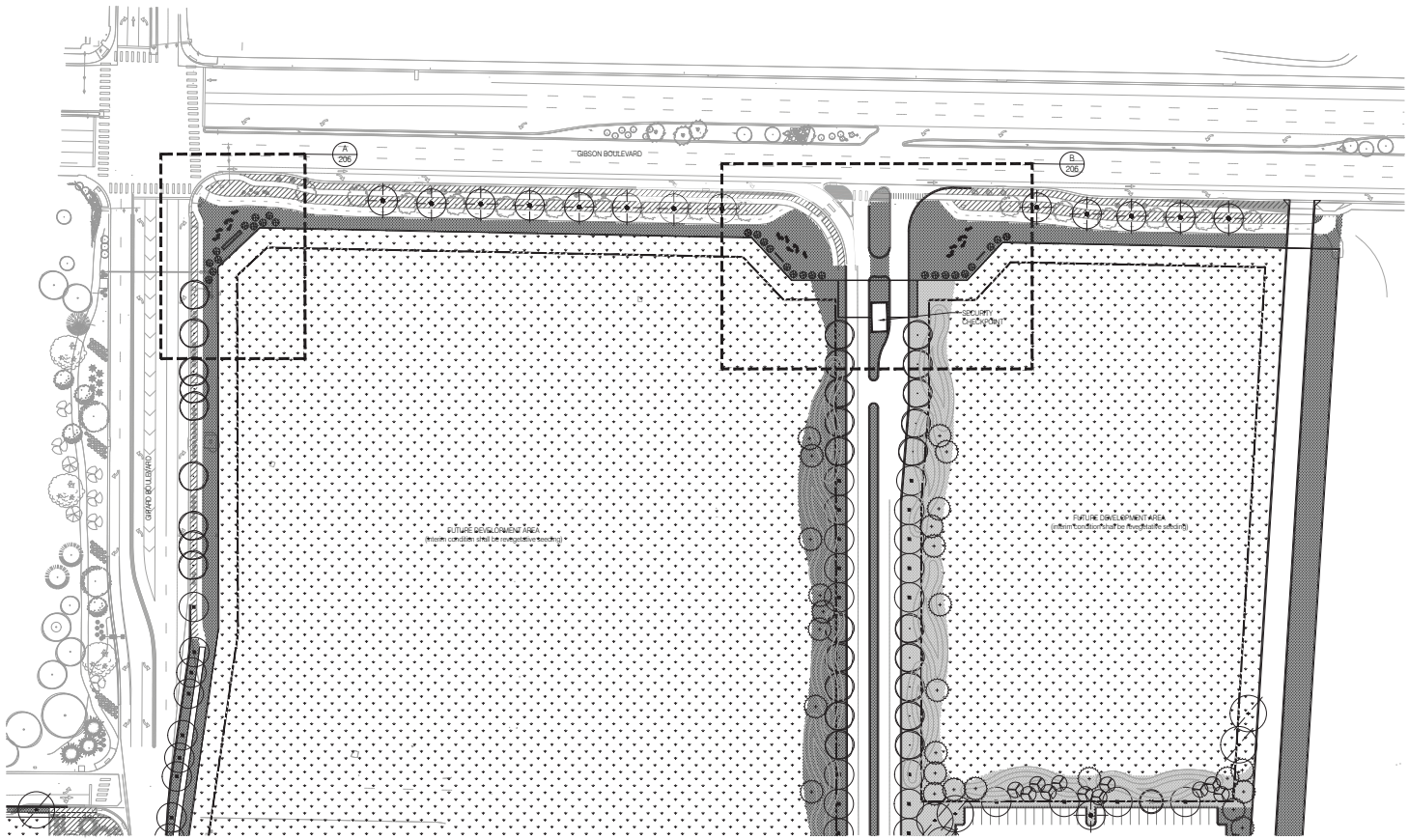
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information
Sheet Title:
OVERALL LANDSCAPE PLAN

Sheet Number:
200

Wed, 28-Oct-2020 - 2:52pm, Plotted by: KATIE
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PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME
TREES		
	Gleditsia triacanthos var. inermis 'Shademaster'	SHADEMASTER HONEY LOCUST
	Ulmus 'Frontier'	FRONTIER ELM
	Ulmus propinqua	EMERALD SUNSHINE ELM
	Pistacia chinensis	CHINESE PISTACHE
	Celtis reticulata	NETLEAF HACKBERRY
	Koelreuteria paniculata	GOLDEN RAINTREE
	Forestiera neomexicana	NEW MEXICO OLIVE
	Chilopsis linearis 'Bubba'	DESERT WILLOW
	Lagerstroemia indica 'Whit II'	DYNAMITE CRAPE MYRTLE
	Pinus nigra	AUSTRIAN PINE
	Vitex agnus-castus	CHASTE TREE
	Juniperus scopulorum 'Wichita Blue'	WICHITA BLUE JUNIPER (FEMALE ONLY)
LARGE SHRUBS AND GROUNDCOVERS		
	Chrysothamnus nauseosus	CHAMISA
	Prunus glandulosa 'Rosea Plena'	FLOWERING ALMOND
	Buddleia davidii nanhoensis 'Mongo'	PETITE INDIGO DWARF BUTTERFLY BUSH
	Fallugia paradoxa	APACHE PLUME
	Cytisus x praecox 'Allgold'	ALLGOLD BROOM
	Campsis grandiflora 'Madame Galen'	MADAME GALEN TRUMPET VINE
MEDIUM SHRUBS AND GROUNDCOVERS		
	Krascheninnikovia lanata	WINTERFAT
	Rhus trilobata 'Autumn Amber'	AUTUMN AMBER SUMAC
	Caryopteris x clandonensis	BLUE MIST SPIREA
	Lavandula x intermedia 'Grosso'	GROSSO LAVENDER
	Juniperus sabina 'Buffalo'	BUFFALO JUNIPER
	Zauschneria	HUMMINGBIRD TRUMPET
SMALL SHRUBS AND GROUNDCOVERS		
	Dalea formosa	FEATHER DALEA
	Ericameria laricifolia 'Aquire'	TURPENTINE BUSH
	Nandina domestica 'Harbour Dwarf'	HARBOUR DWARF NANDINA
	Baileya multiradiata	DESERT MARIGOLD
	Psilostrophe tagetina	PAPER FLOWER
	Sphaeralcea coccinea	SCARLET GLOBEMALLOW
	Achillea 'Moonshine'	MOONSHINE YARROW
	Liriope gigantea	GIANT LILYTURF
ORNAMENTAL GRASSES AND DESERT ACCENTS		
	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS
	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER GRASS
	Hesperaloe parviflora 'Perpa'	BRAKELIGHTS RED YUCCA
	Hesperaloe parviflora 'Yellow'	YELLOW YUCCA
	Stipa tenuissima	MEXICAN FEATHER GRASS
	Muhlenbergia capillaris 'Lenca'	PINK MUHLY GRASS
	Nolina microcarpa	BEARGRASS
	Dasylirion wheeleri	DESERT SOTOL

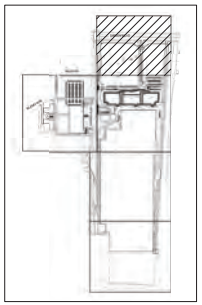
Note: For the purposes of clarity, the shrubs are only illustrated on the enlargements located on Sheets 206 and 207. These enlargements are intended to illustrate basic layout and intensity of plant material.

LANDSCAPE MATERIALS

SYMBOL	DESCRIPTION
	LANDSCAPE AREAS TO BE COVERED WITH 1"-3" AMARETTO BROWN GRAVEL (4" DEPTH), 2"-4" COYOTE MIST COBBLE (6" DEPTH), 4"-8" COYOTE MIST COBBLE (10" DEPTH), OR EQUAL. OVER FILTER FABRIC. SHREDDED BARK MULCH WILL BE PROVIDED BENEATH THE ENTIRE TREE CANOPY FOR ALL NEW TREES IN LANDSCAPE AREAS.
	TURF GRASS AREA - KENTUCKY BLUEGRASS/FESCUE MIX
	REVEGETATIVE SEED MIX - NATIVE GRASS AND WILDFLOWER MIX
	DESERT DRIFTWOOD LANDSCAPE BOULDERS (3' MIN. DIMENSION)

EXISTING LANDSCAPE LEGEND

SYMBOL	DESCRIPTION
	EXISTING LANDSCAPE AREA TO REMAIN
	SIGHT DISTANCE TRIANGLES



NORTH

SCALE: 1" = 50'

25 0 50 100

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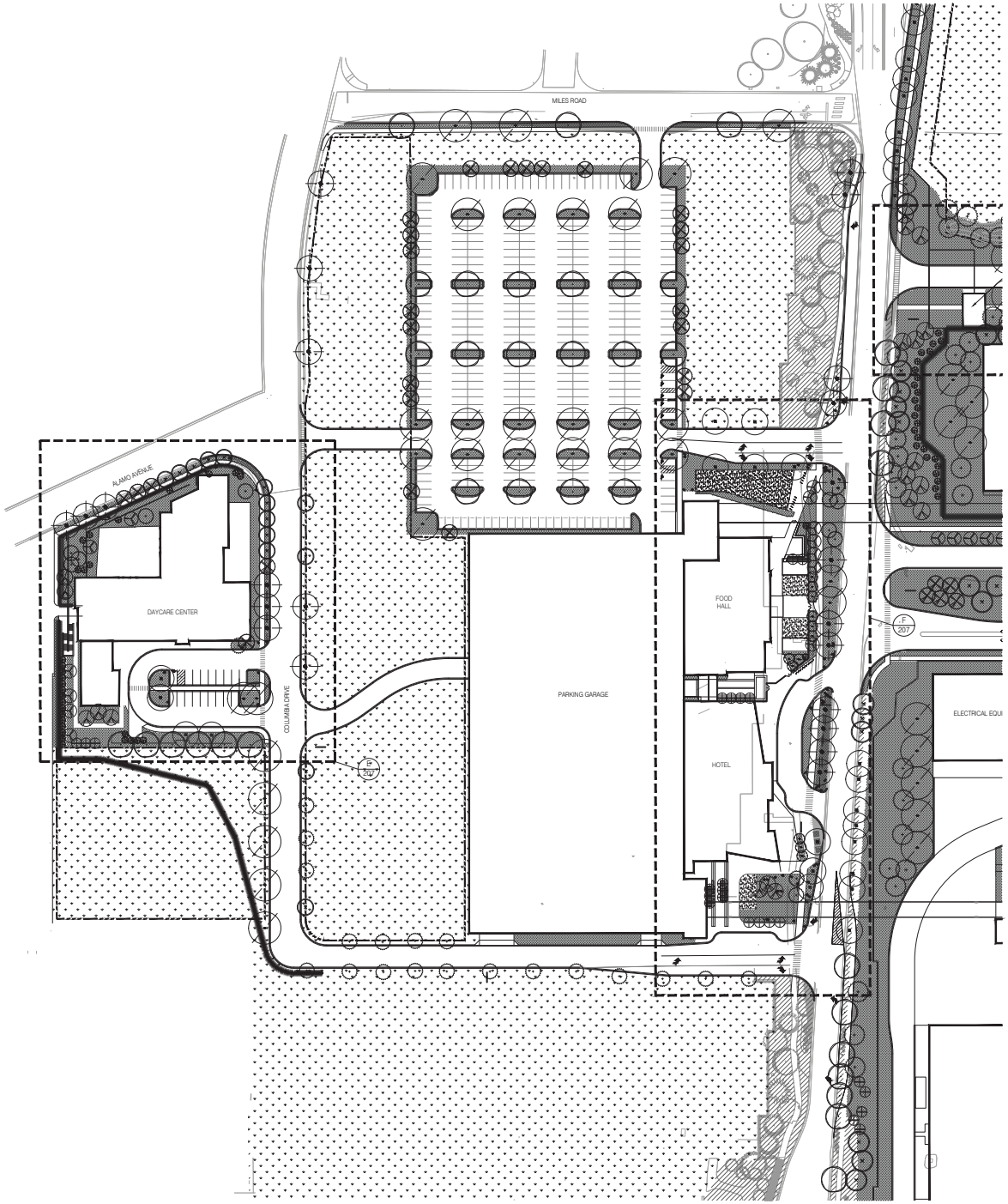
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
LANDSCAPE PLAN

Sheet Number:
201

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PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME
TREES		
	Gleditsia triacanthos var. inermis 'Shademaster'	SHADEMASTER HONEY LOCUST
	Ulmus 'Frontier'	FRONTIER ELM
	Ulmus propinqua	EMERALD SUNSHINE ELM
	Pistacia chinensis	CHINESE PISTACHE
	Celtis reticulata	NETLEAF HACKBERRY
	Koelreuteria paniculata	GOLDEN RAINTREE
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	Pinus nigra	AUSTRIAN PINE
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LARGE SHRUBS AND GROUNDCOVERS		
	Chrysothamnus nauseosus	CHAMISA
	Prunus glandulosa 'Rosea Plena'	FLOWERING ALMOND
	Buddleia davidii nanhoensis 'Mongo'	PETITE INDIGO DWARF BUTTERFLY BUSH
	Fallugia paradoxa	APACHE PLUME
	Cytisus x praecox 'Allgold'	ALLGOLD BROOM
	Campsis grandiflora 'Madame Galen'	MADAME GALEN TRUMPET VINE
MEDIUM SHRUBS AND GROUNDCOVERS		
	Krascheninnikovia lanata	WINTERFAT
	Rhus trilobata 'Autumn Amber'	AUTUMN AMBER SUMAC
	Caryopteris x clandonensis	BLUE MIST SPIREA
	Lavandula x intermedia 'Grosso'	GROSSO LAVENDER
	Juniperus sabina 'Buffalo'	BUFFALO JUNIPER
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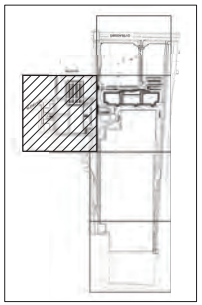
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LANDSCAPE MATERIALS

SYMBOL	DESCRIPTION
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EXISTING LANDSCAPE LEGEND

SYMBOL	DESCRIPTION
	EXISTING LANDSCAPE AREA TO REMAIN
	SIGHT DISTANCE TRIANGLES



NORTH

SCALE: 1" = 50'

25 0 50 100

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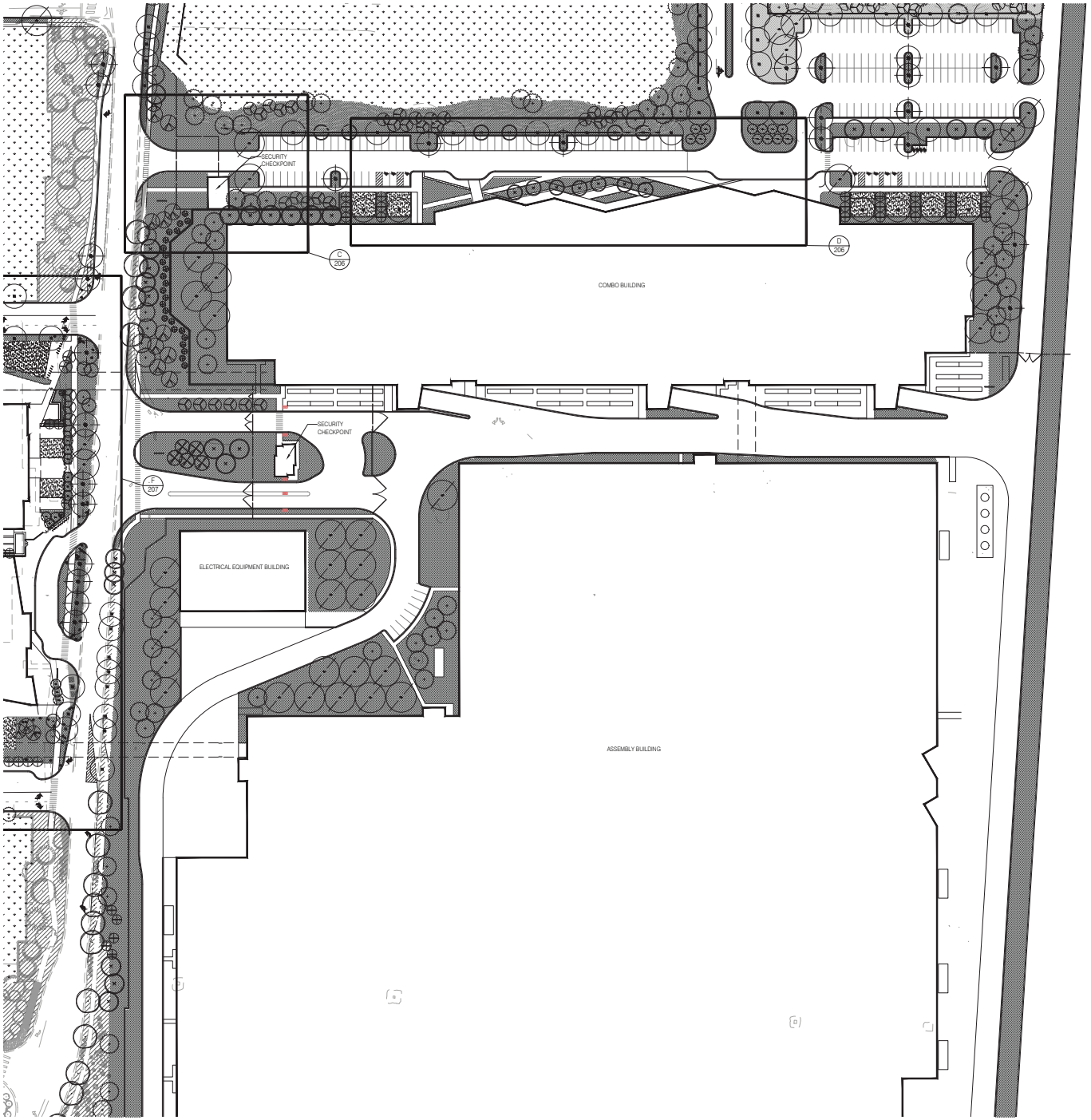
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
LANDSCAPE PLAN

Sheet Number:
202

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PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME
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	Ulmus propinqua	EMERALD SUNSHINE ELM
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	Celtis reticulata	NETLEAF HACKBERRY
	Koelreuteria paniculata	GOLDEN RAINTREE
	Forestiera neomexicana	NEW MEXICO OLIVE
	Chilopsis linearis 'Bubba'	DESERT WILLOW
	Lagerstroemia indica 'Whit II'	DYNAMITE CRAPE MYRTLE
	Pinus nigra	AUSTRIAN PINE
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	Juniperus scopulorum 'Wichita Blue'	WICHITA BLUE JUNIPER (FEMALE ONLY)
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	Buddleia davidii nanhoensis 'Mongo'	PETITE INDIGO DWARF BUTTERFLY BUSH
	Fallugia paradoxa	APACHE PLUME
	Cytisus x praecox 'Allgold'	ALLGOLD BROOM
	Campsis grandiflora 'Madame Galen'	MADAME GALEN TRUMPET VINE
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	Rhus trilobata 'Autumn Amber'	AUTUMN AMBER SUMAC
	Caryopteris x clandonensis	BLUE MIST SPIREA
	Lavandula x intermedia 'Grosso'	GROSSO LAVENDER
	Juniperus sabina 'Buffalo'	BUFFALO JUNIPER
	Zauschneria	HUMMINGBIRD TRUMPET
SMALL SHRUBS AND GROUNDCOVERS		
	Dalea formosa	FEATHER DALEA
	Ericameria laricifolia 'Aquire'	TURPENTINE BUSH
	Nandina domestica 'Harbour Dwarf'	HARBOUR DWARF NANDINA
	Baileya multiradiata	DESERT MARIGOLD
	Psilostrophe tagetina	PAPER FLOWER
	Sphaeralcea coccinea	SCARLET GLOBEMALLOW
	Achillea 'Moonshine'	MOONSHINE YARROW
	Liriope gigantea	GIANT LILYTURF
ORNAMENTAL GRASSES AND DESERT ACCENTS		
	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS
	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER GRASS
	Hesperaloe parviflora 'Perpa'	BRAKELIGHTS RED YUCCA
	Hesperaloe parviflora 'Yellow'	YELLOW YUCCA
	Stipa tenuissima	MEXICAN FEATHER GRASS
	Muhlenbergia capillaris 'Lenca'	PINK MUHLY GRASS
	Nolina microcarpa	BEARGRASS
	Dasylirion wheeleri	DESERT SOTOL

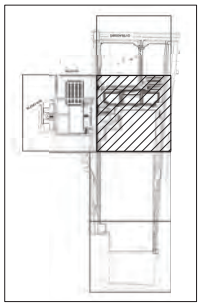
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	REVEGETATIVE SEED MIX - NATIVE GRASS AND WILDFLOWER MIX
	DESERT DRIFTWOOD LANDSCAPE BOULDERS (3' MIN. DIMENSION)

EXISTING LANDSCAPE LEGEND

SYMBOL	DESCRIPTION
	EXISTING LANDSCAPE AREA TO REMAIN
	SIGHT DISTANCE TRIANGLES



NORTH

SCALE: 1" = 50'

25 0 50 100

DAVIS PARTNERSHIP ARCHITECTS
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2901 Blake Street, Suite 100
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Consultant

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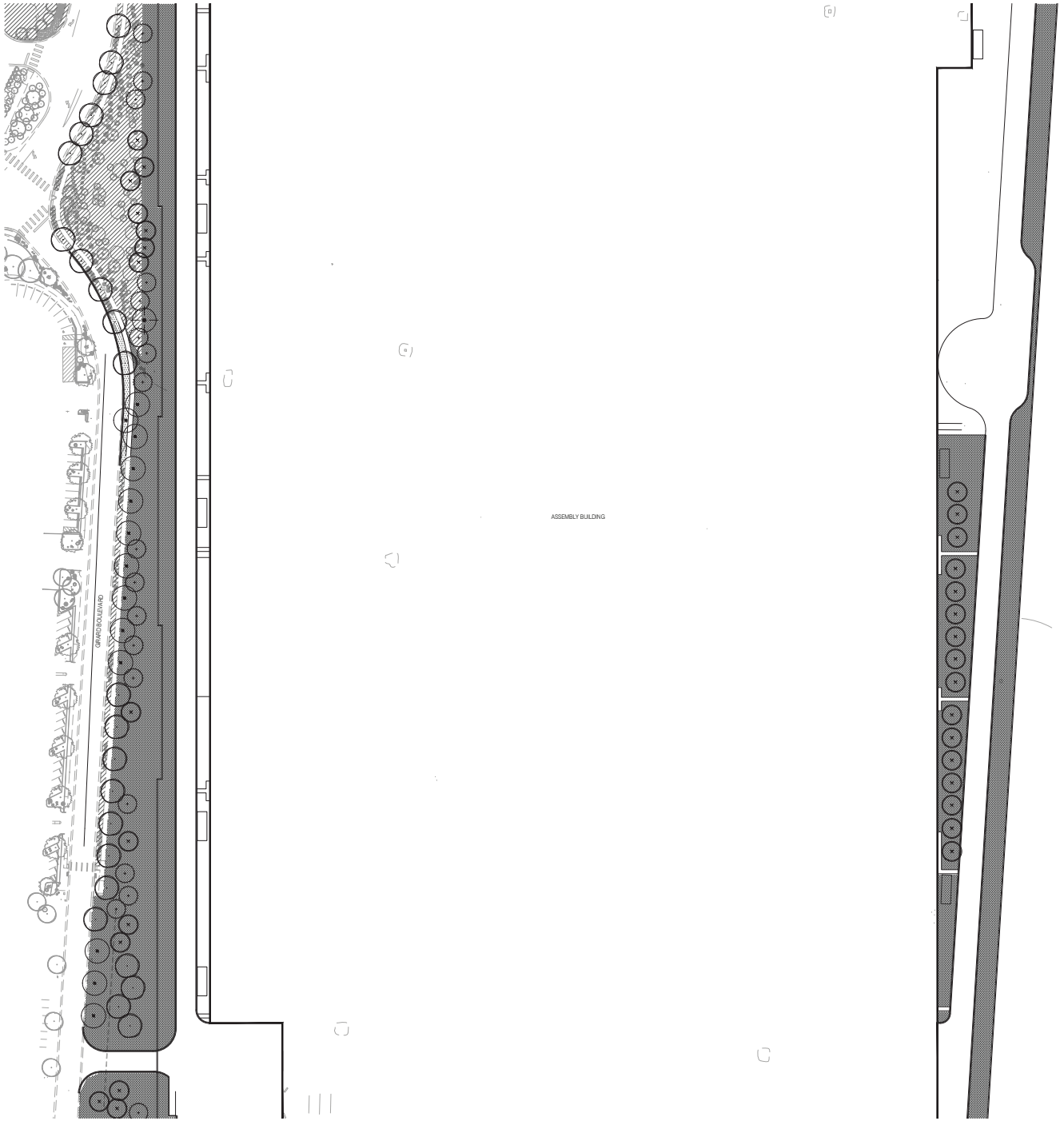
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
LANDSCAPE PLAN

Sheet Number:
203

Wed, 28-Oct-2020 - 2:52pm, Plotted by: KATIE
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PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME
TREES		
	Gleditsia triacanthos var. inermis 'Shademaster'	SHADEMASTER HONEY LOCUST
	Ulmus 'Frontier'	FRONTIER ELM
	Ulmus propinqua	EMERALD SUNSHINE ELM
	Pistacia chinensis	CHINESE PISTACHE
	Celtis reticulata	NETLEAF HACKBERRY
	Koelreuteria paniculata	GOLDEN RAINTREE
	Forestiera neomexicana	NEW MEXICO OLIVE
	Chilopsis linearis 'Bubba'	DESERT WILLOW
	Lagerstroemia indica 'Whit II'	DYNAMITE CRAPE MYRTLE
	Pinus nigra	AUSTRIAN PINE
	Vitex agnus-castus	CHASTE TREE
	Juniperus scopulorum 'Wichita Blue'	WICHITA BLUE JUNIPER (FEMALE ONLY)
LARGE SHRUBS AND GROUNDCOVERS		
	Chrysothamnus nauseosus	CHAMISA
	Prunus glandulosa 'Rosea Plena'	FLOWERING ALMOND
	Buddleia davidii nanhoensis 'Mongo'	PETITE INDIGO DWARF BUTTERFLY BUSH
	Fallugia paradoxa	APACHE PLUME
	Cytisus x praecox 'Allgold'	ALLGOLD BROOM
	Campsis grandiflora 'Madame Galen'	MADAME GALEN TRUMPET VINE
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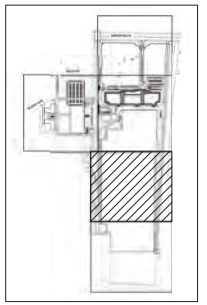
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NORTH

SCALE: 1" = 50'

25 0 50 100

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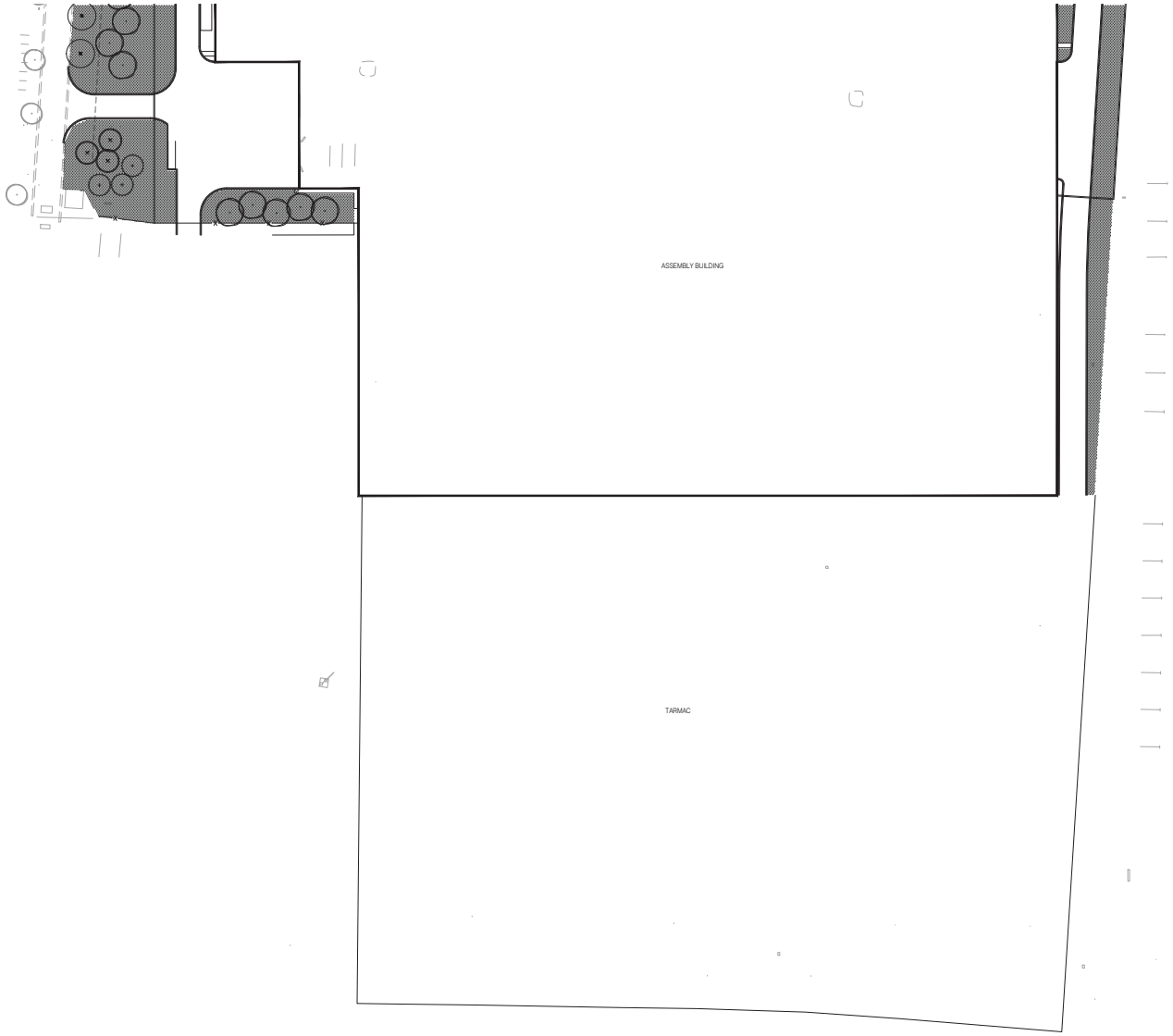
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
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Sheet Number:
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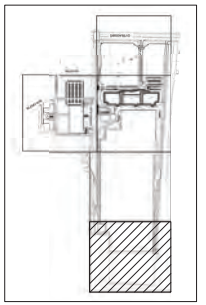
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NORTH

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25 0 50 100

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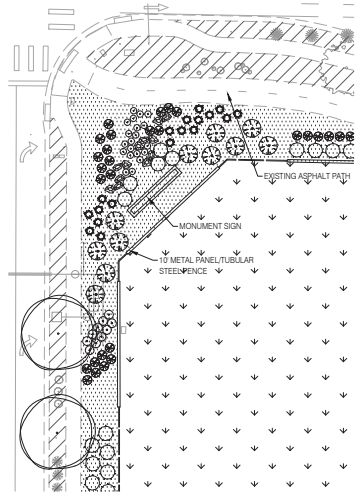
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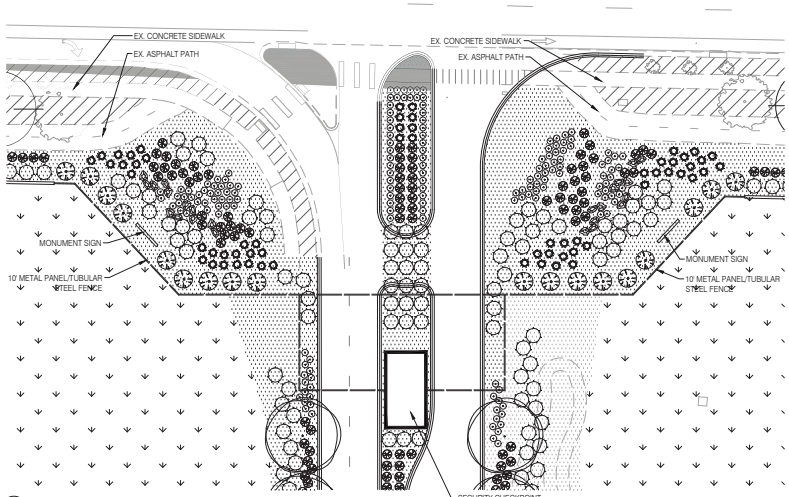
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205

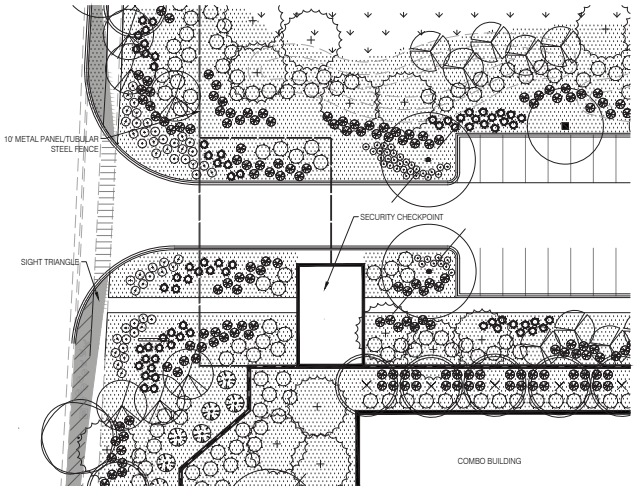
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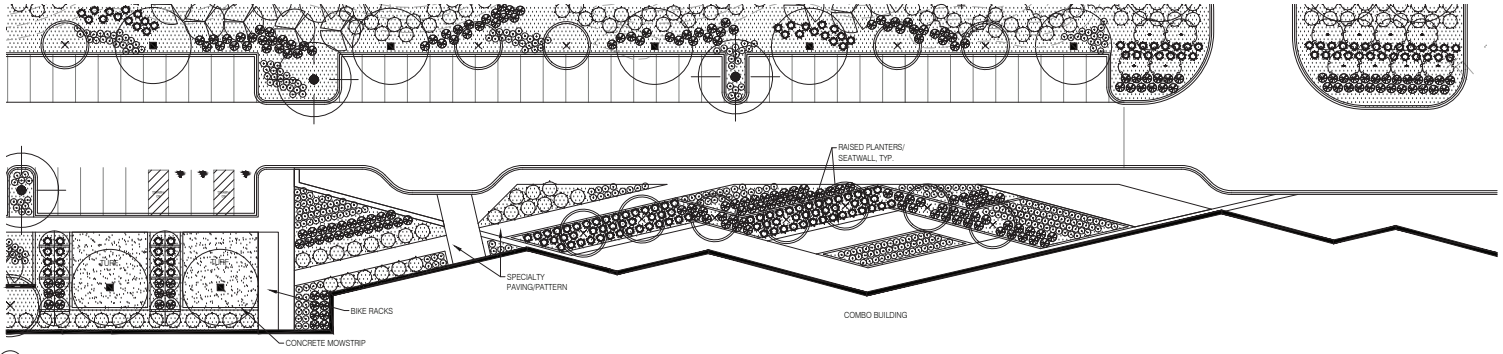
A MONUMENT SIGN @ GIBSON/GIRARD



B GIBSON ENTRY / SECURITY GATE



C GIRARD ENTRY @ COMBO BUILDING



D COMBO BUILDING FRONT ENTRY COURTYARD

PLANT LEGEND

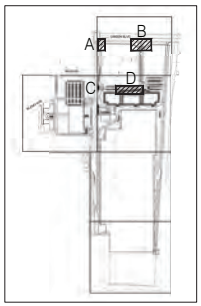
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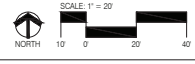
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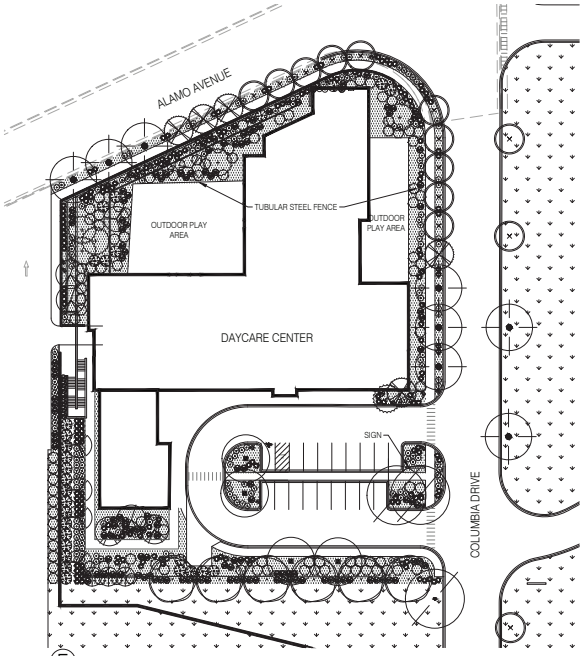
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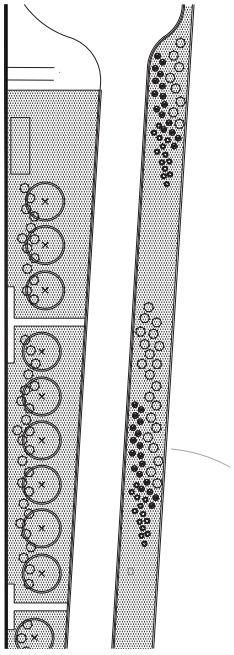
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LANDSCAPE PLAN ENLARGEMENTS

Sheet Number:
206

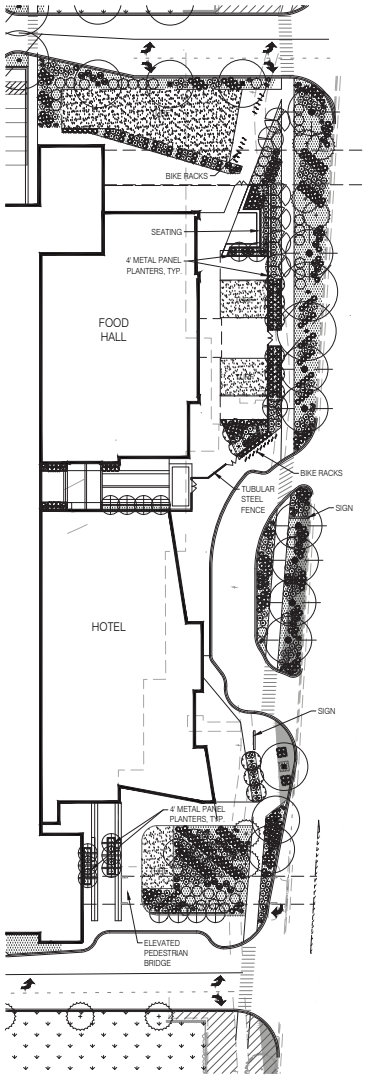
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E DAYCARE CENTER



G EAST SIDE ASSEMBLY BUILDING



F HOTEL / FOOD HALL FRONT ENTRY

PLANT LEGEND

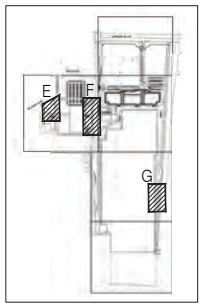
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	Rhus trilobata 'Autumn Amber'	AUTUMN AMBER SUMAC
	Caryopteris x clandonensis	BLUE MIST SPIREA
	Lavandula x intermedia 'Grosso'	GROSSO LAVENDER
	Juniperus sabina 'Buffalo'	BUFFALO JUNIPER
	Zauschneria	HUMMINGBIRD TRUMPET
SMALL SHRUBS AND GROUNDCOVERS		
	Dalea formosa	FEATHER DALEA
	Ericameria laricifolia 'Aquire'	TURPENTINE BUSH
	Nandina domestica 'Harbour Dwarf'	HARBOUR DWARF NANDINA
	Baileya multiradiata	DESERT MARIGOLD
	Psilostrophe tagetina	PAPER FLOWER
	Sphaeralcea coccinea	SCARLET GLOBEMALLOW
	Achillea 'Moonshine'	MOONSHINE YARROW
	Liriope gigantea	GIANT LILYTURF
ORNAMENTAL GRASSES AND DESERT ACCENTS		
	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS
	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER GRASS
	Hesperaloe parviflora 'Perpa'	BRAKELIGHTS RED YUCCA
	Hesperaloe parviflora 'Yellow'	YELLOW YUCCA
	Stipa tenuissima	MEXICAN FEATHER GRASS
	Muhlenbergia capillaris 'Lenca'	PINK MUHLY GRASS
	Nolina microcarpa	BEARGRASS
	Dasylirion wheeleri	DESERT SOTOL

LANDSCAPE MATERIALS

SYMBOL	DESCRIPTION
	LANDSCAPE AREAS TO BE COVERED WITH 1"-3" AMARETTO BROWN GRAVEL (4" DEPTH), 2"-4" COYOTE MIST COBBLE (6" DEPTH), 4"-8" COYOTE MIST COBBLE (10" DEPTH), OR EQUAL, OVER FILTER FABRIC. SHREDDED BARK MULCH WILL BE PROVIDED BENEATH THE ENTIRE TREE CANOPY FOR ALL NEW TREES IN LANDSCAPE AREAS.
	TURF GRASS AREA - KENTUCKY BLUEGRASS/FESCUE MIX
	REVEGETATIVE SEED MIX - NATIVE GRASS AND WILDFLOWER MIX
	DESERT DRIFTWOOD LANDSCAPE BOULDERS (3' MIN. DIMENSION)

EXISTING LANDSCAPE LEGEND

SYMBOL	DESCRIPTION
	EXISTING LANDSCAPE AREA TO REMAIN
	SIGHT DISTANCE TRIANGLES



NORTH

SCALE: 1" = 20'

10' 0' 20' 40'

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ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

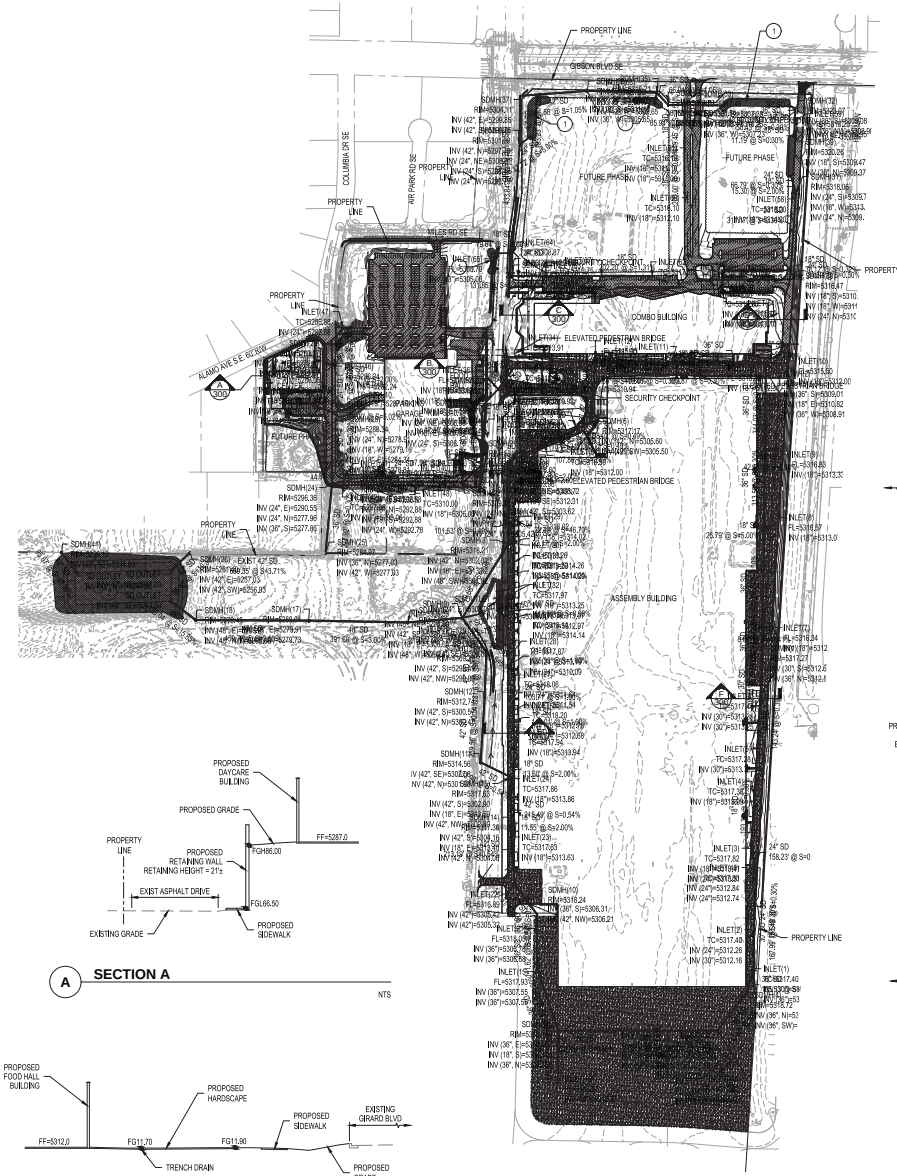
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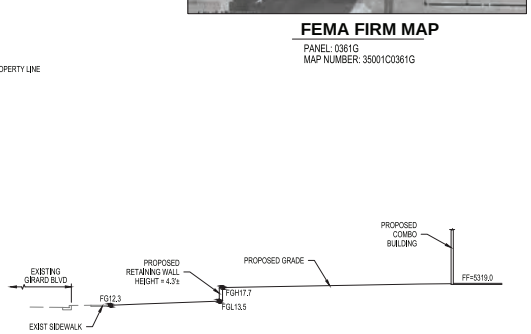
LANDSCAPE PLAN ENLARGEMENTS

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207

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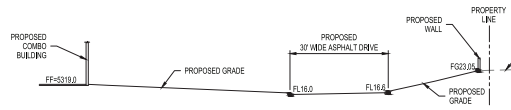
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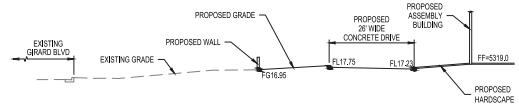
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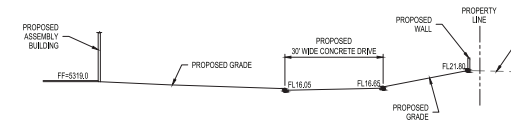
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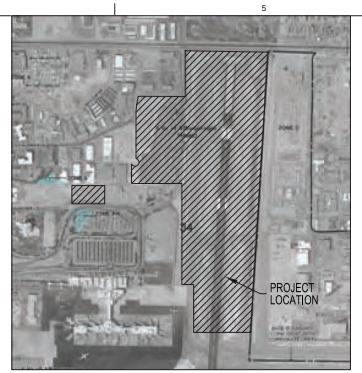
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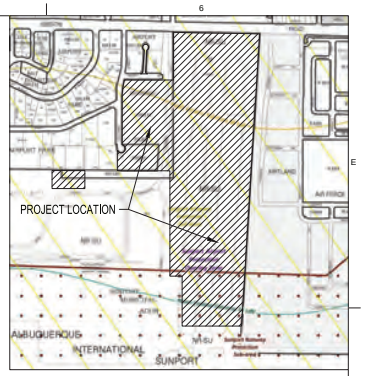
F SECTION F

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FEMA FIRM MAP

PANEL: 0361G
MAP NUMBER: 35001C0361G



VICINITY MAP

ZONE ATLAS PAGE: M-16-Z

GRADING KEYED NOTES

1. DETENTION POND,
2. DETENTION POND/ STORM WATER QUALITY POND.

ORION CENTER DRAINAGE/TOPOGRAPHY NARRATIVE

THE SITE IS LOCATED ON BOTH THE EAST AND WEST SIDES OF GIRARD BOULEVARD, SOUTH OF GIBSON BOULEVARD. A LARGE PORTION OF THE PROJECT SITE IS LOCATED WITHIN THE AVIATION CENTER OF EXCELLENCE, WHICH WAS PREVIOUSLY THE NORTH PORTION OF RUNWAY 35-17 OF THE ALBUQUERQUE INTERNATIONAL SUNPORT. DRAINAGE, CURRENTLY AND HISTORICALLY, IS CAPTURED IN SURFACE INLETS AND CONVEYED VIA STORM DRAIN SYSTEMS TO THE WEST, WHERE IT OUTLETS TO THE KIRTLAND CHANNEL WEST OF YALE BOULEVARD. BOTH THE EXISTING STORM DRAINAGE SYSTEM AND EXISITNG KIRTLAND CHANNEL ARE OWNED AND MAINTAINED BY THE CITY OF ALBUQUERQUE. NO PORTIONS OF THE SITE ARE WITHIN FEMA REGULATORY FLOODPLAINS.

THE EXISTING TOPOGRAPHY EAST OF GIRARD BOULEVARD IS GENERALLY FLAT, WITH APPROXIMATELY 10 FEET OF DROP FROM THE BOUNDARY ALONG KIRTLAND AIR FORCE BASE TO GIRARD BOULEVARD. WEST OF GIRARD, THE EXISTING TOPOGRAPHY SLOPES TO THE WEST ACROSS A SERIES OF PARCELS. THE FINISHED FLOOR ELEVATIONS FOR ALL PROPOSED BUILDINGS WERE ESTABLISHED IN AN EFFORT TO PROVIDE POSITIVE DRAINAGE AWAY FROM ALL THE BUILDINGS, WHILE ALSO MINIMIZING GRADE DIFFERENCES BETWEEN THE SITE AND SURROUNDING PROPERTIES. DUE TO THE SITE CONSTRAINTS AND PROJECT'S PROGRAMMATIC REQUIREMENTS, RETAINING WALLS WILL BE REQUIRED AT VARIOUS LOCATIONS THROUGHOUT THE SITE.

THE SITE WILL BE DRAINED VIA AN ON-SITE STORM DRAIN SYSTEM THAT COLLECTS RUNOFF FROM THE PROPOSED BUILDING ROOFS AND REMAINDER OF THE SITE. WHERE APPLICABLE AND FEASIBLE, GREEN INFRASTRUCTURE SHALL BE USED WITHIN LANDSCAPE AREAS TO REDUCE RUNOFF RATES. THE ON-SITE STORM DRAINS, ALONG WITH SEVERAL SMALL, ON-SITE BIOSWALES AND DETENTION PONDS WILL DISHARGE TO TWO EXISTING STORM DRAIN SYSTEMS AT FLOW RATES BELOW THE EXISTING FLOW RATES ESTABLISHED IN THE 1995 ALBUQUERQUE INTERNATIONAL AIRPORT (AIA) DRAINAGE MASTER PLAN (DMP). IN ORDER TO MEET THESE REQUIREMENTS, A SERIES OF SMALL DETENTION PONDS ALONG THE NORTH PORTION OF THE SITE WILL REDUCE FLOW RATES TO AN EXISTING 24" STORM DRAIN. FOR THE SOUTHERN PORTION OF THE SITE, A DETENTION POND JUST WEST OF THE ASSEMBLY BUILDING AND A STORM WATER QUALITY/ DETENTION POND AT THE WEST EDGE OF THE PROJECT LIMITS WILL ACCEPT ON-SITE FLOWS BEFORE DISCHARGING TO AN EXISTING 42" STORM DRAIN SYSTEM BELOW THE ALLOWABLE DISCHARGE RATE. PENDING COORDINATION WITH CITY AVIATION SAFETY PERSONNEL, THIS FACILITY WILL EITHER INCLUDE THE REQUIRED STORMWATER QUALITY VOLUME OR THE PROJECT SHALL PROVIDE THE REQUIRED FEE-IN-LIEU.

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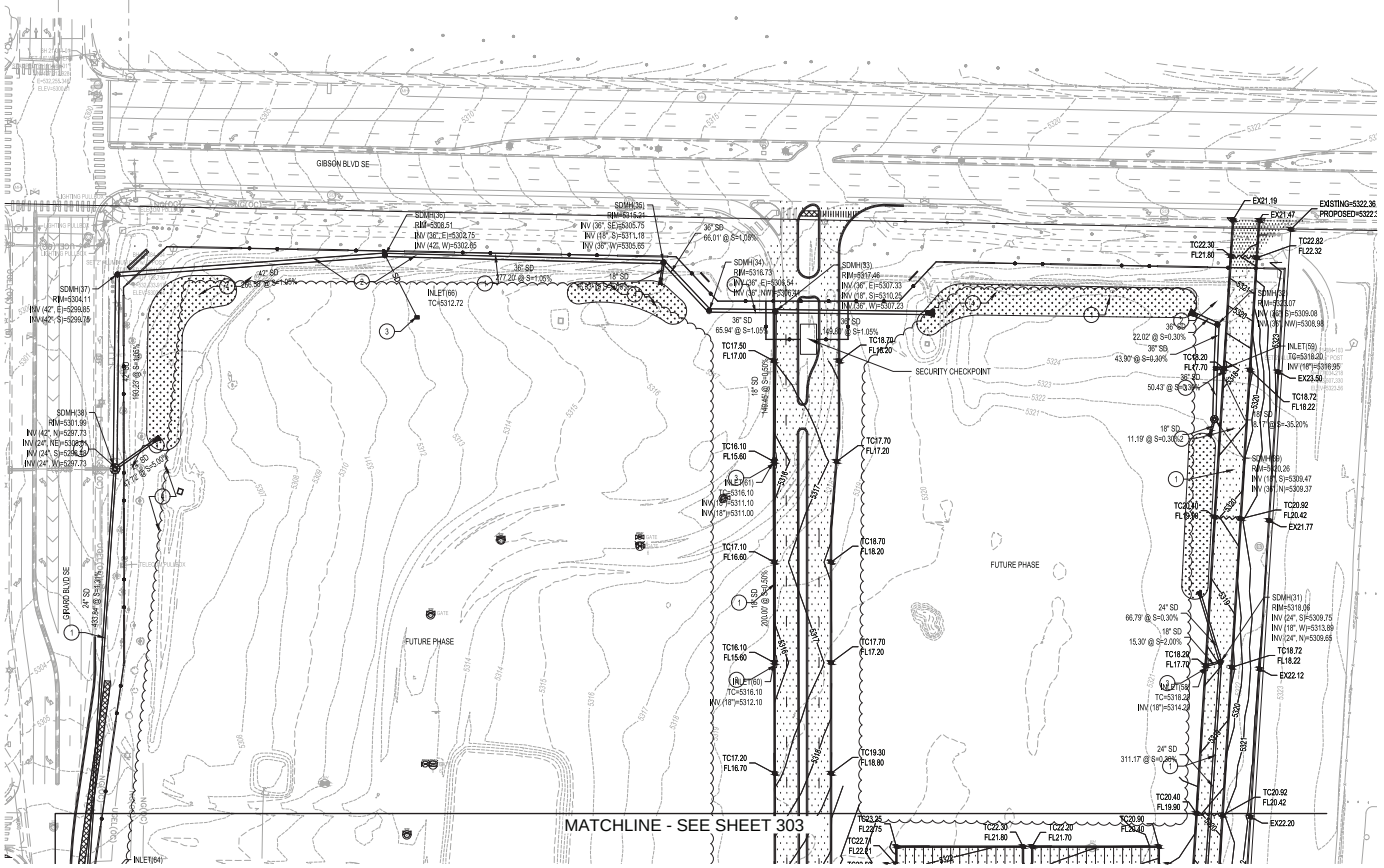
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ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
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Sheet Information

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OVERALL GRADING PLAN

Sheet Number:
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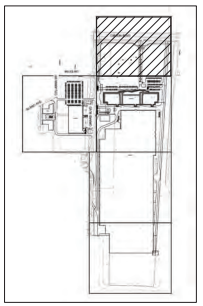


GRADING KEYED NOTES

1. STORM DRAIN PIPE.
2. STORM DRAIN MANHOLE.
3. STORM DRAIN INLET.
4. DETENTION POND.
5. RETAINING WALL.
6. TRENCH DRAIN.
7. DETENTION POND/ STORM WATER QUALITY POND.

LEGEND

- PROPERTY LINE
- 18.50 — PROPOSED SPOT ELEVATION
  - TC=TOP OF CURB
  - FL=FLOW LINE
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  - TS=TOP OF SIDEWALK
  - TG=TOP OF GRATE
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  - INV=INVERT
- 5320 — PROPOSED INDEX CONTOUR
- 5319 — PROPOSED INTERMEDIATE CONTOUR
- 5320 — EXISTING INDEX CONTOUR
- 5319 — EXISTING INTERMEDIATE CONTOUR
- DIRECTION OF FLOW
- WATER BLOCK/GRADE BREAK
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLETS
- PROPOSED STORM DRAIN CAP


KEY MAP

N

50 25 0 50

1"=50'

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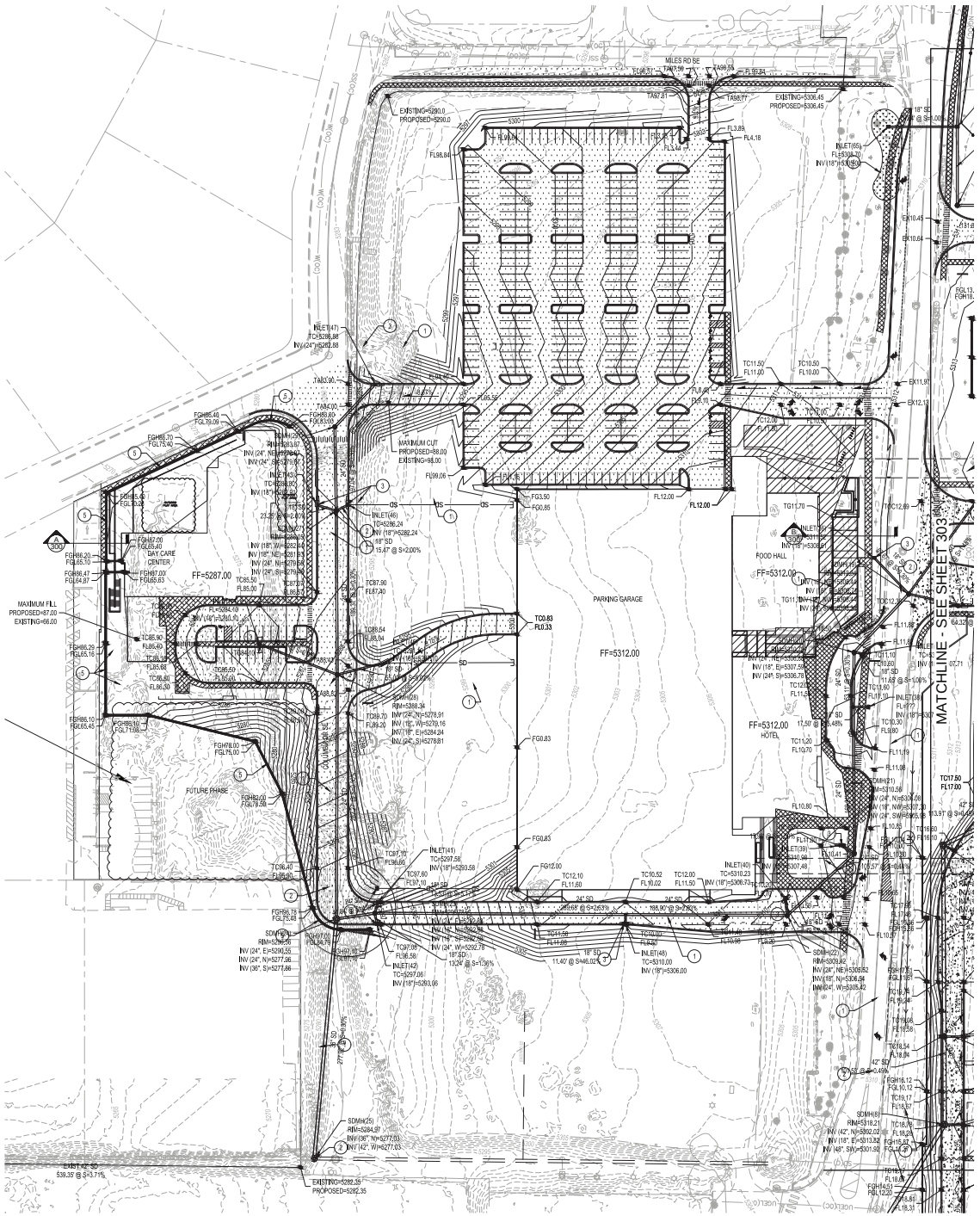
Project Information

ORION CENTER
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Sheet Information

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GRADING PLAN

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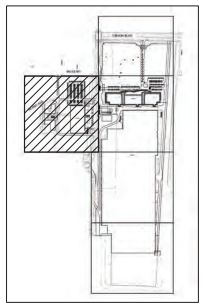


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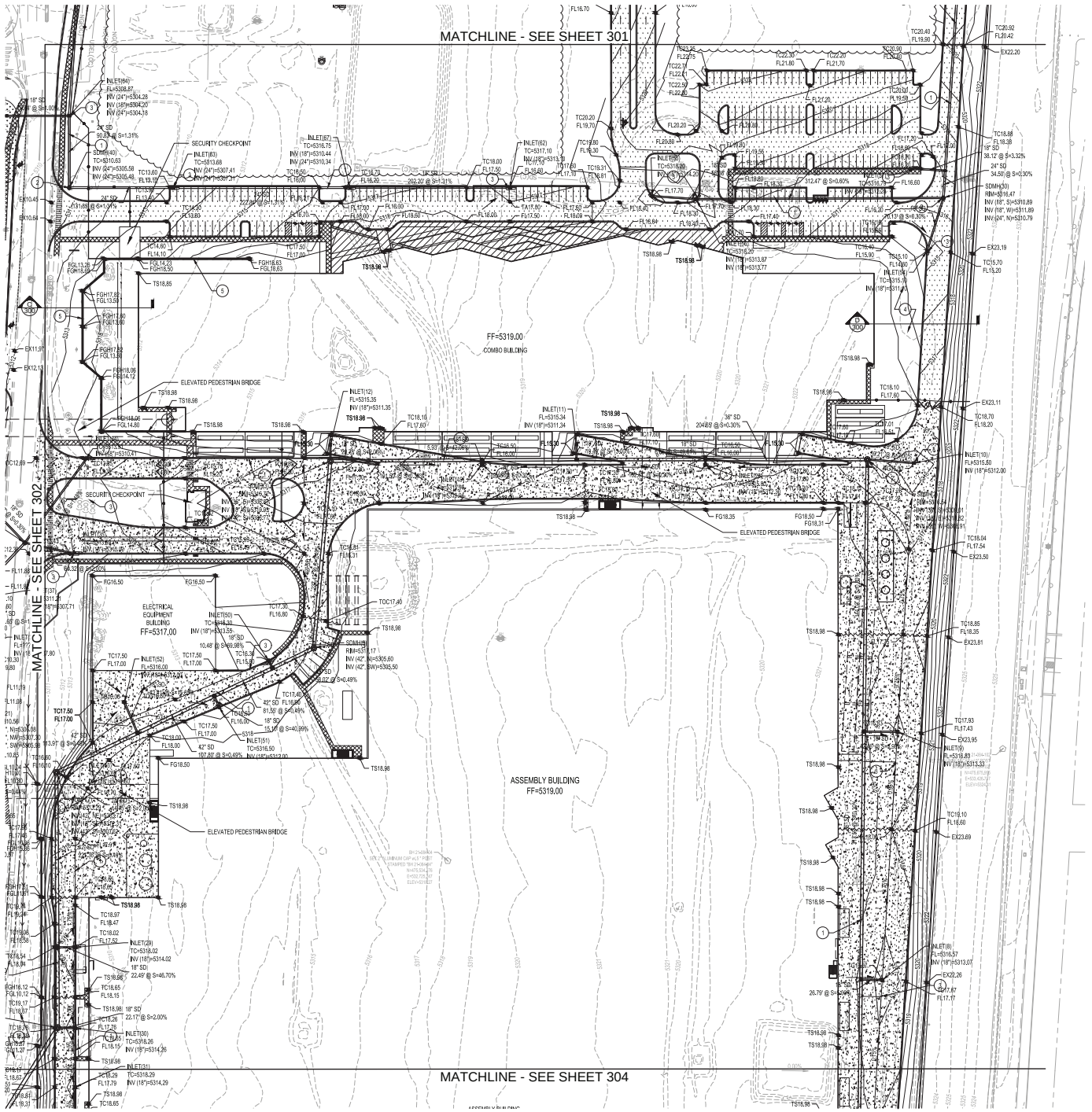
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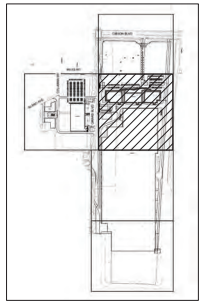


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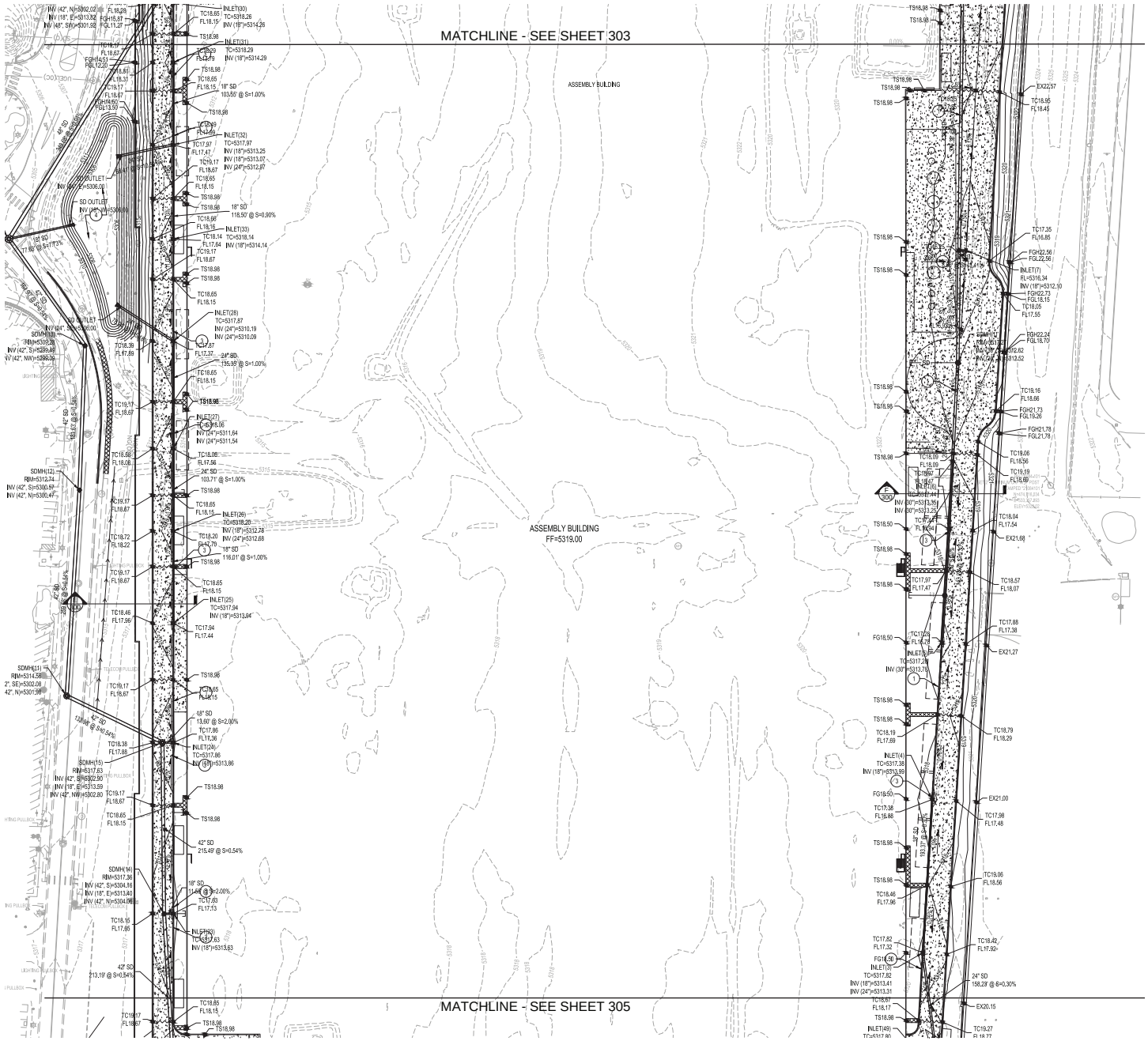
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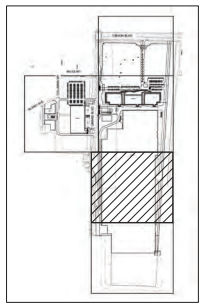


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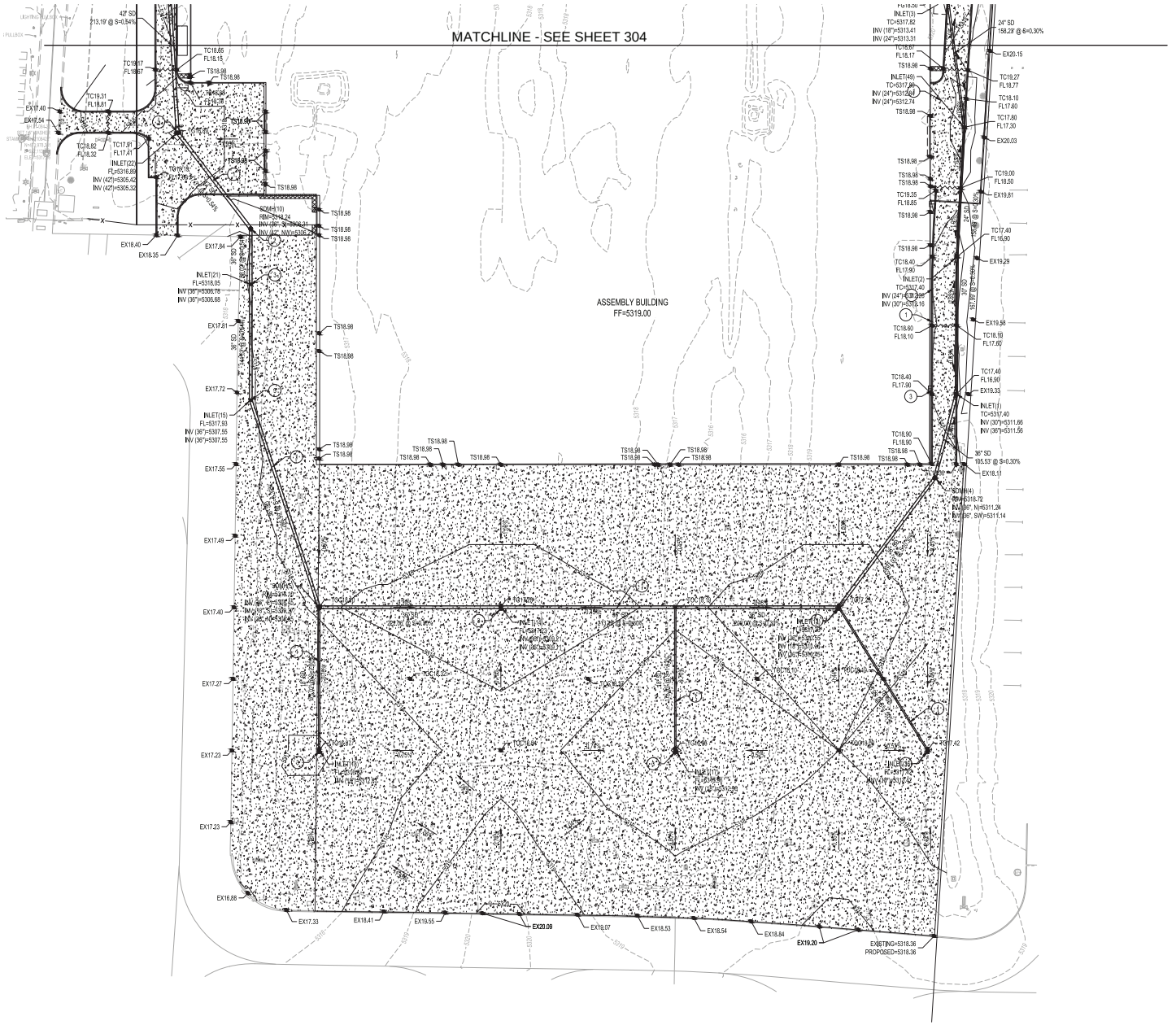
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304

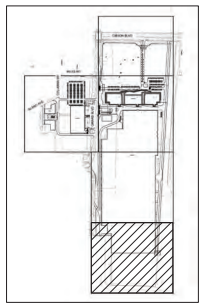


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	PROPOSED STORM DRAIN MANHOLE
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	PROPOSED STORM DRAIN CAP



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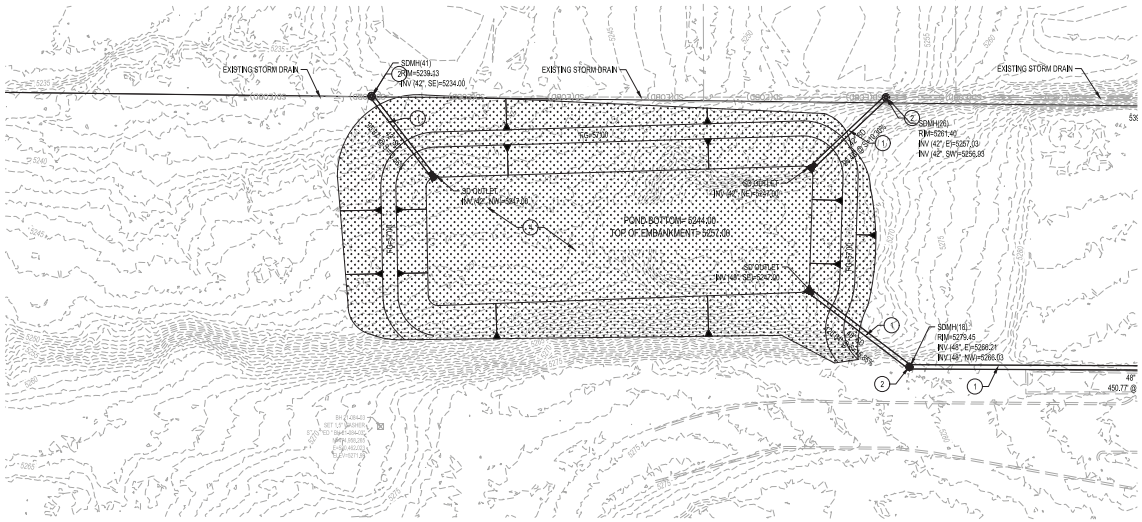
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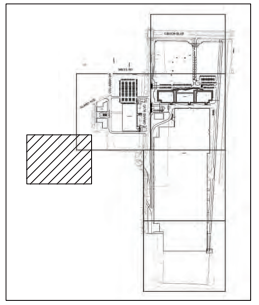


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KEY MAP

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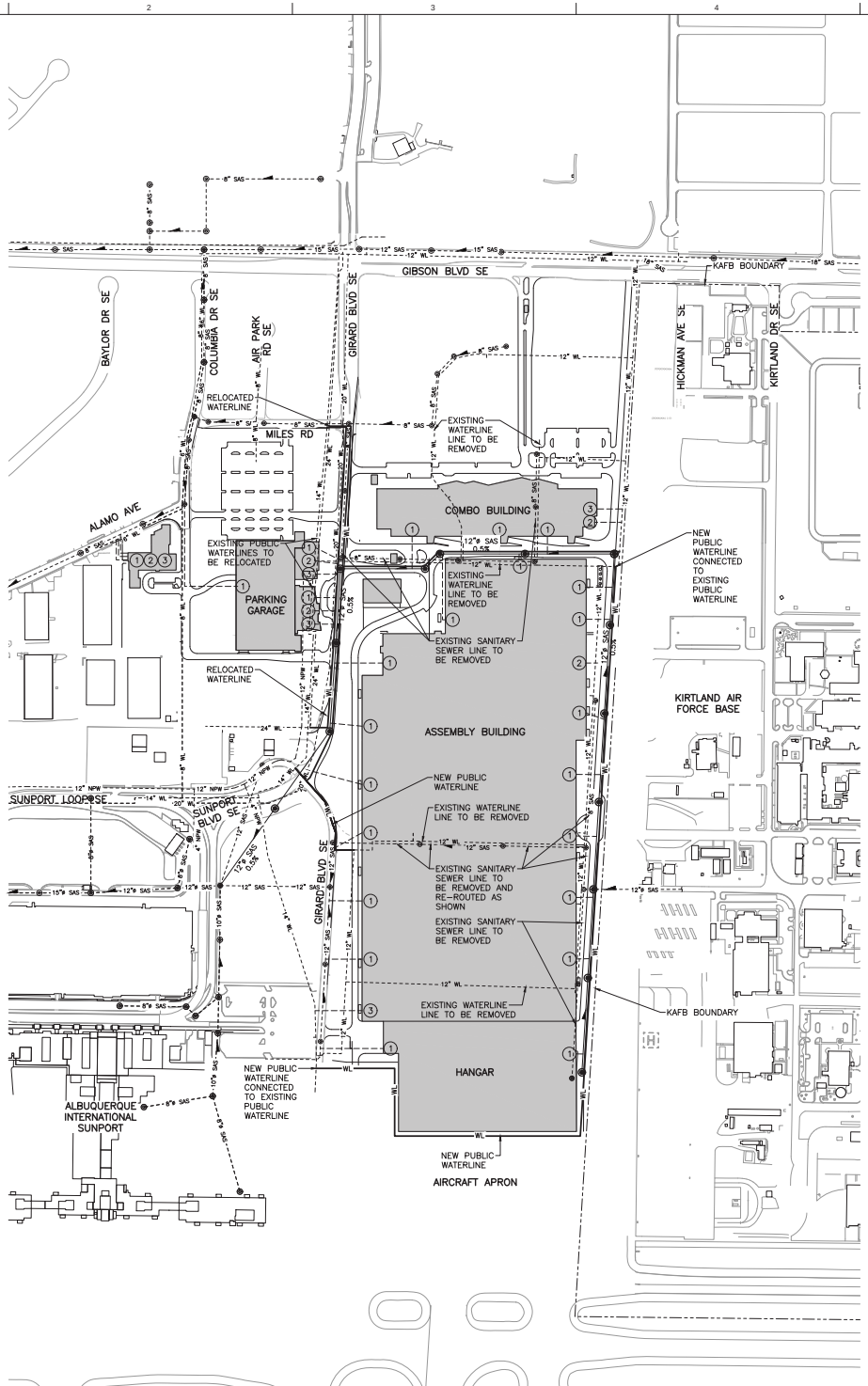
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
GRADING PLAN

Sheet Number:
306

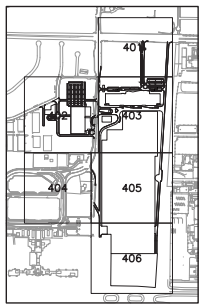


LEGEND

- (1) APPROXIMATE LOCATION OF PROPOSED SANITARY SEWER LINE CONNECTION AND SERVICE
- (2) APPROXIMATE LOCATION OF PROPOSED PUBLIC WATERLINE CONNECTION AND SERVICE
- (3) APPROXIMATE LOCATION OF PROPOSED FIRE LINE CONNECTION
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- ABCWUA UTILITY EASEMENT
- ACCESS AND ABCWUA UTILITY EASEMENT
- KIRTLAND AIR FORCE BASE BOUNDARY
- PROPOSED BUILDING

GENERAL NOTES

1. SEE 300-306 FOR ADDITIONAL STORM DRAIN INFORMATION



KEY MAP

N

0 50' 100' 200' 400'

1"=200'-0"

DAVIS PARTNERSHIP ARCHITECTS

DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

MOLZENCORBIN
2701 Miles Road SE
Albuquerque, New Mexico
87106 505 242 5700 office
MolzenCorbin.com

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Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

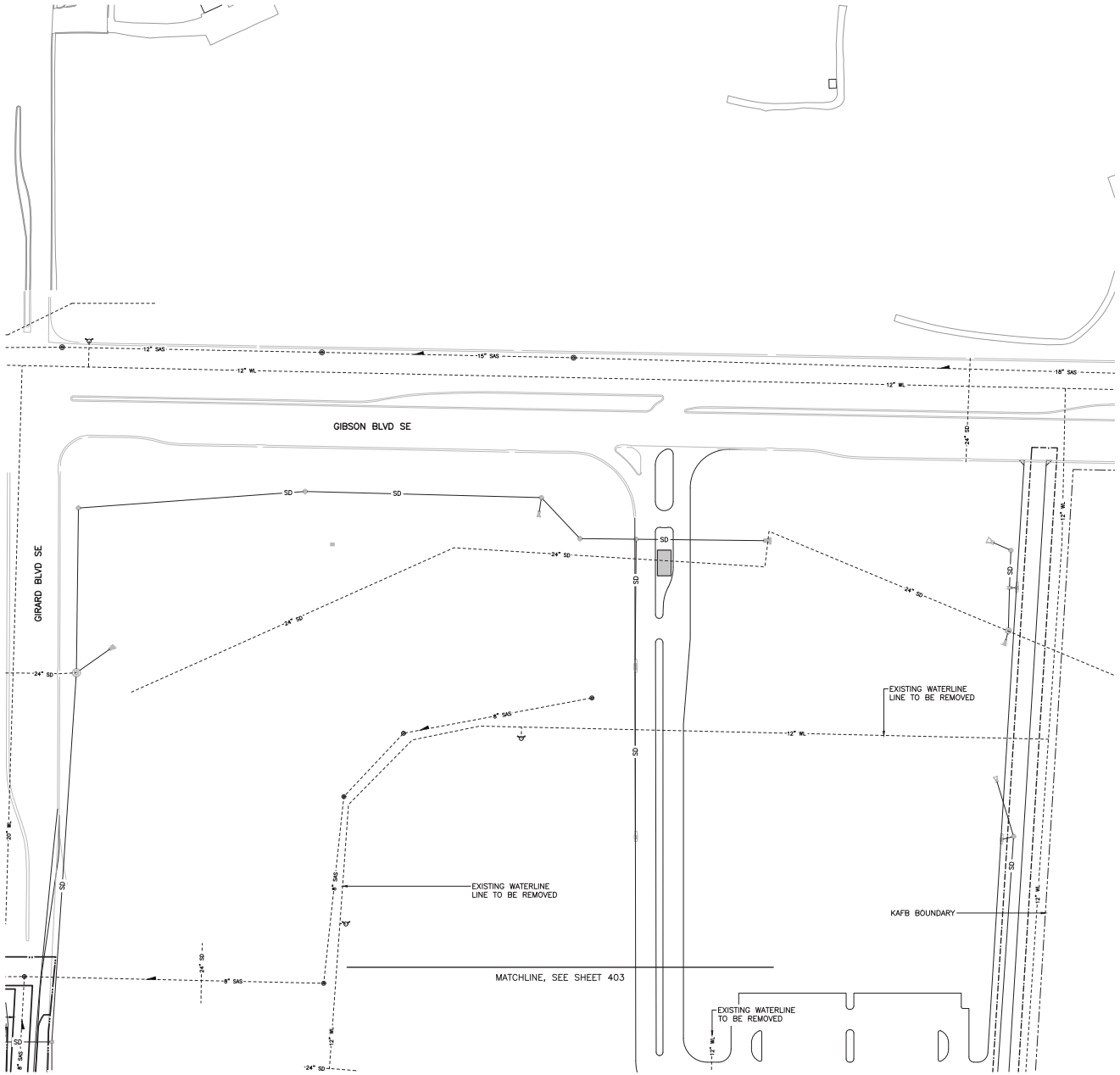
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
UTILITIES PLAN

Sheet Number:
400

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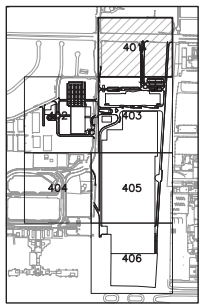


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GENERAL NOTES

1. SEE 300-306 FOR ADDITIONAL STORM DRAIN INFORMATION



KEY MAP

N

0 10' 20' 50' 100'
1"=50'-0"

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DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant
MOLZENCORBIN
2701 Miles Road SE
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NOT FOR CONSTRUCTION

Issuance	Date
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Revisions	Date	No.
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Project Information

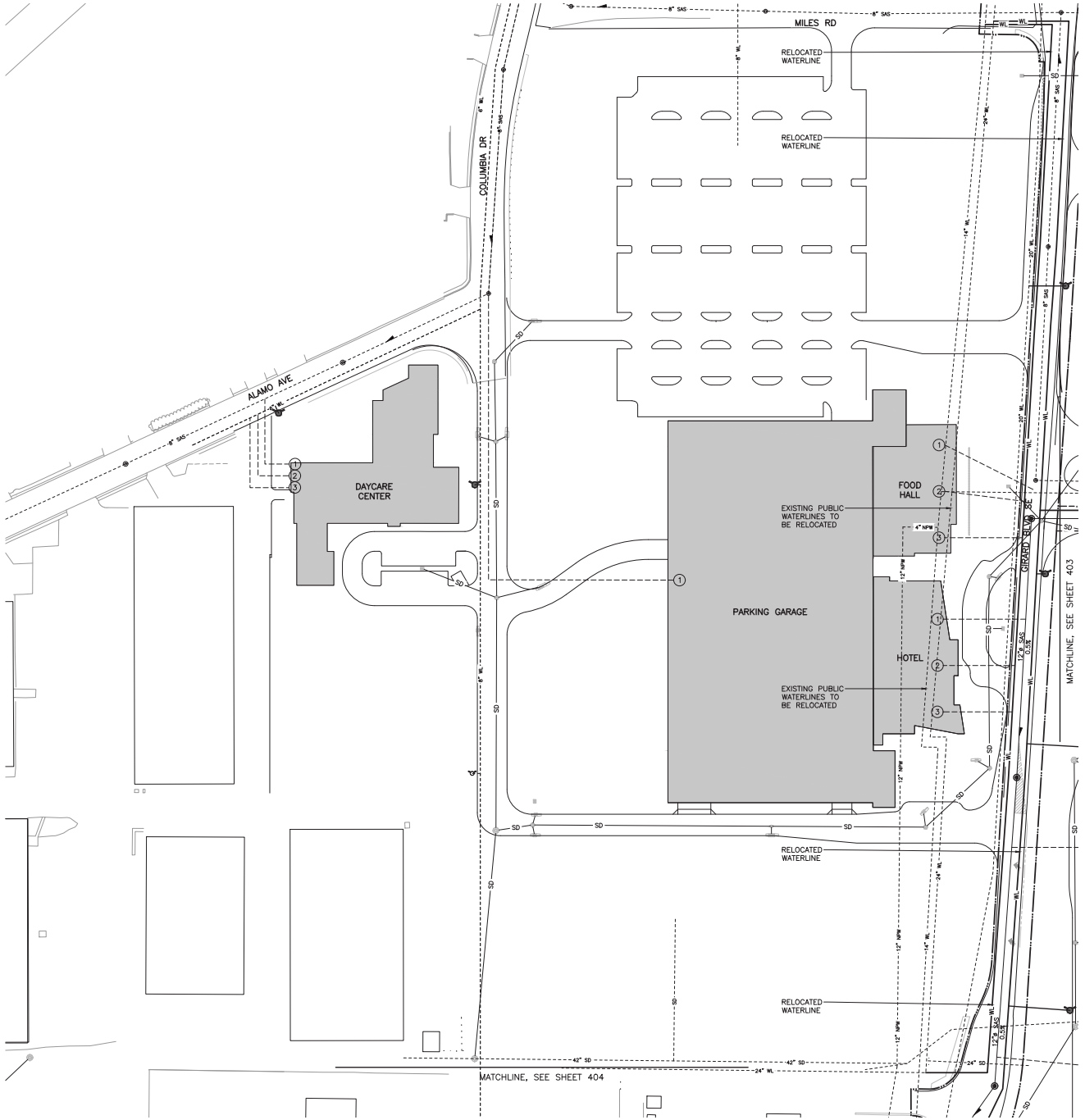
ORION CENTER
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ALBUQUERQUE, NM

Sheet Information

Sheet Title:
UTILITIES PLAN

Sheet Number:
401

PLOT DATE: 10/29/2020 4:04 PM
NAME: MARIA TERESA GARCIA
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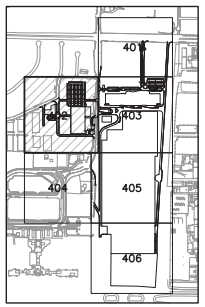


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DENVER OFFICE
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Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

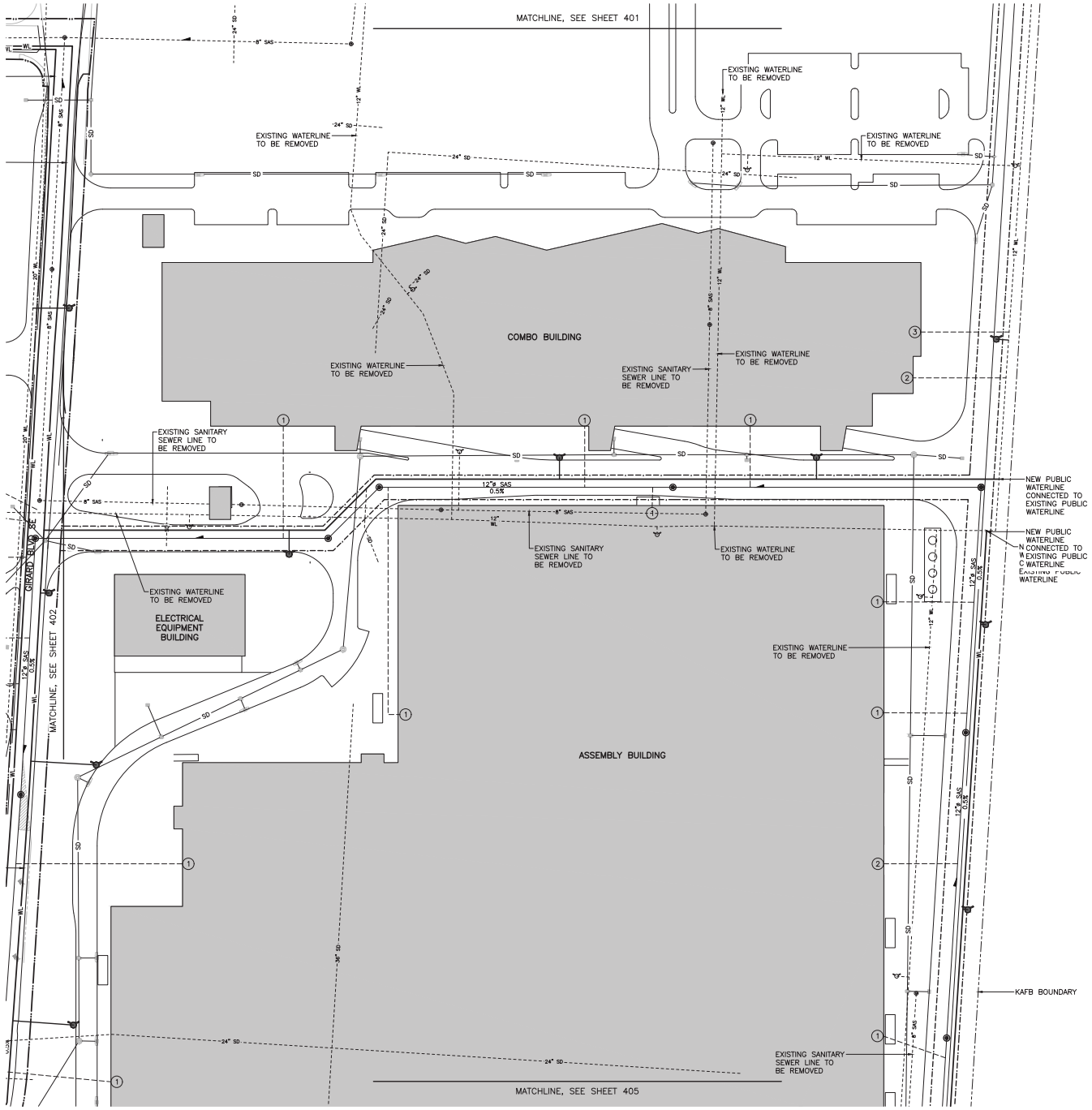
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
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Sheet Number:
402

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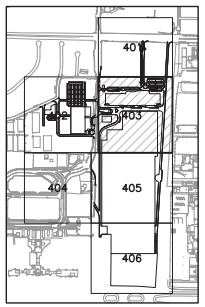


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Issuance	Date
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Project Information

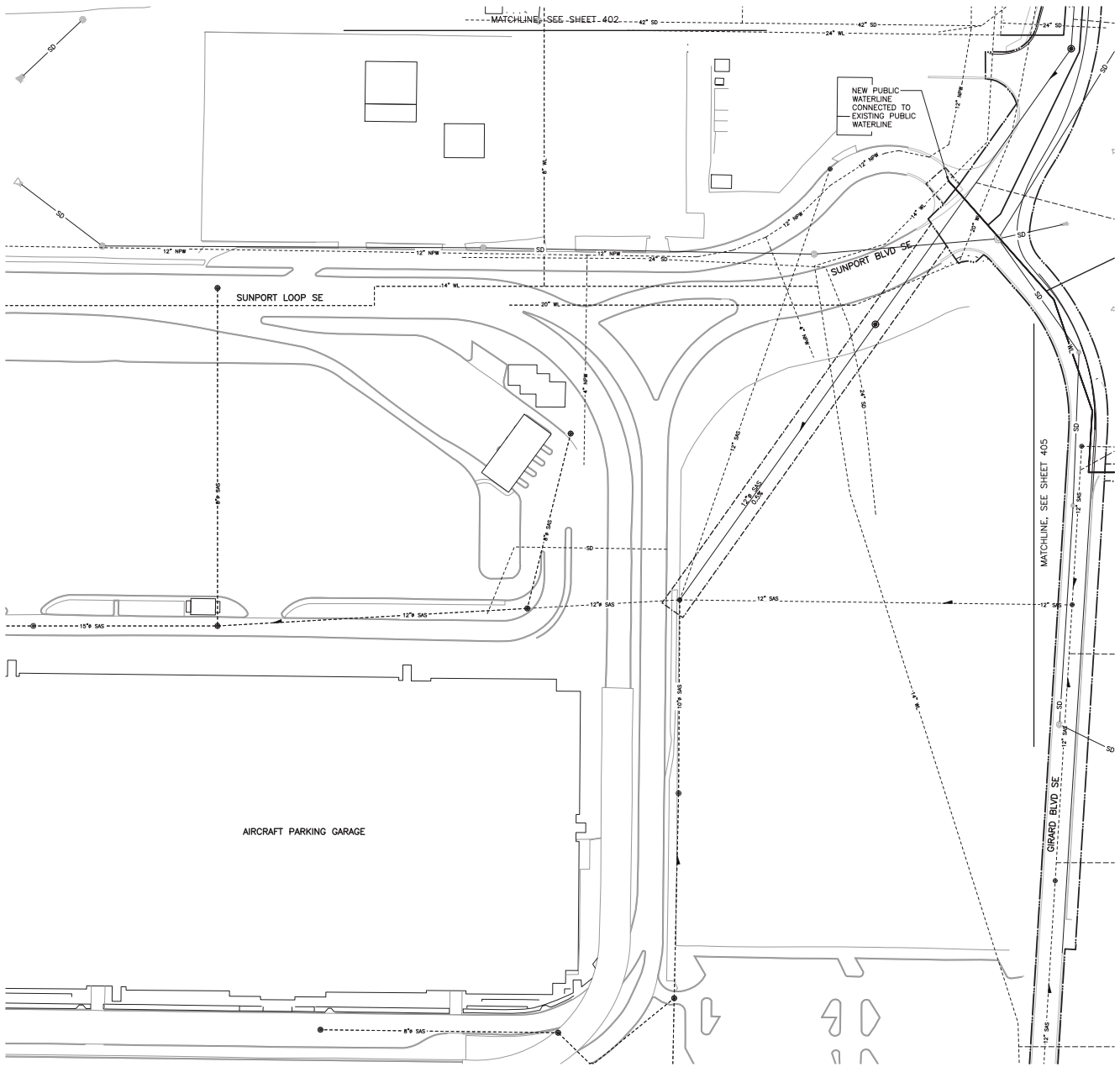
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
UTILITIES PLAN

Sheet Number:
403

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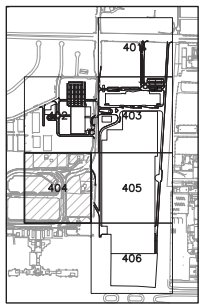


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DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
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Consultant

MOLZENCORBIN
2701 Miles Road SE
Albuquerque, New Mexico
87106 505 242 5700 office
MolzenCorbin.com

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Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
UTILITIES PLAN

Sheet Number:
404

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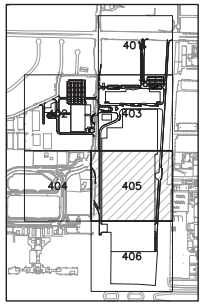


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GENERAL NOTES

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KEY MAP

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DAVIS PARTNERSHIP ARCHITECTS

DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

MOLZENCORBIN
2701 Miles Road SE
Albuquerque, New Mexico
87106 505 242 5700 office
MolzenCorbin.com

NOT FOR CONSTRUCTION

Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

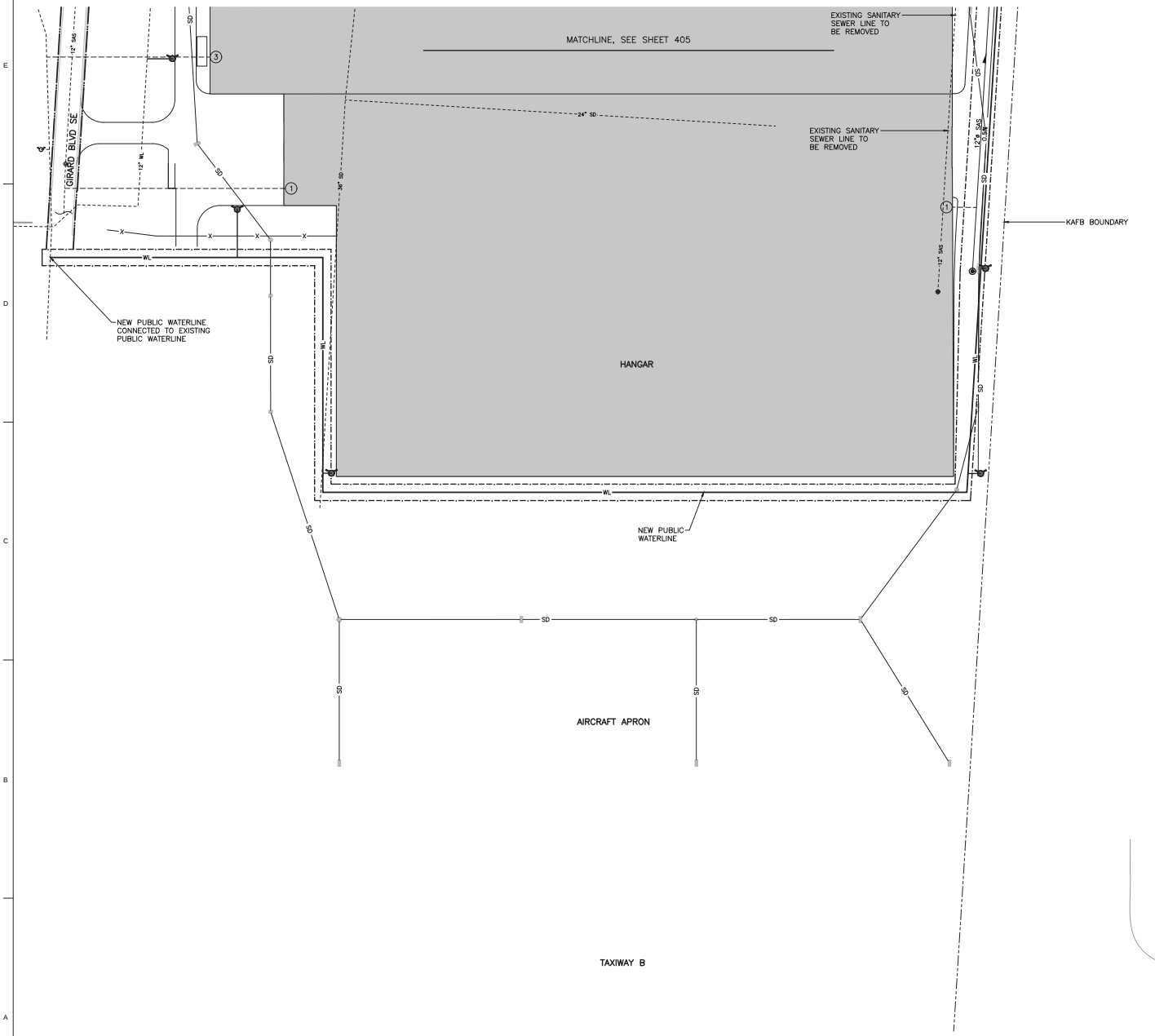
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
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Sheet Number:
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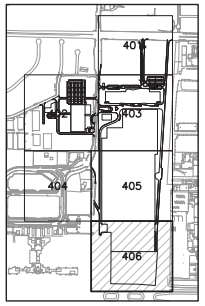


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GENERAL NOTES

1. SEE 300-306 FOR ADDITIONAL STORM DRAIN INFORMATION



KEY MAP

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DAVIS PARTNERSHIP ARCHITECTS

DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

MOLZENCORBIN
2701 Miles Road SE
Albuquerque, New Mexico
87106 505 242 5700 office
MolzenCorbin.com

NOT FOR CONSTRUCTION

Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

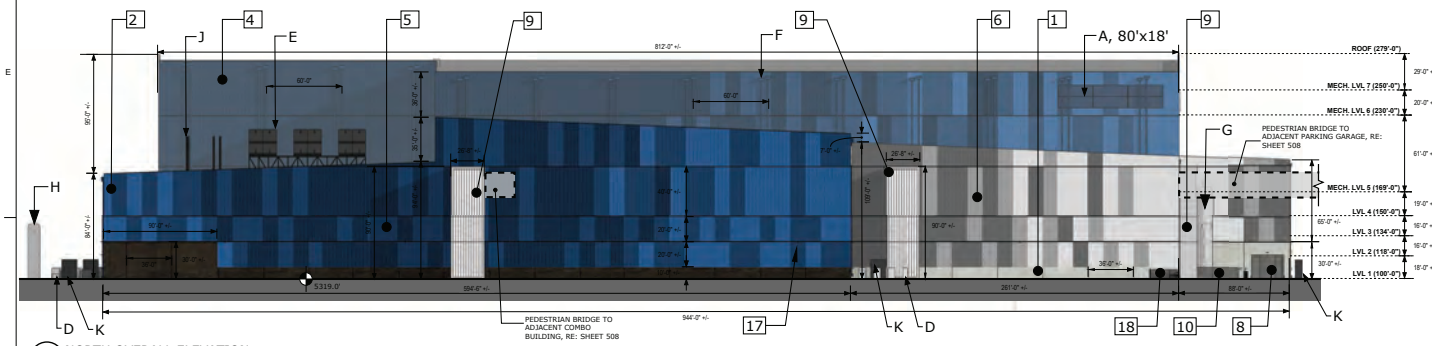
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
UTILITIES PLAN

Sheet Number:
406

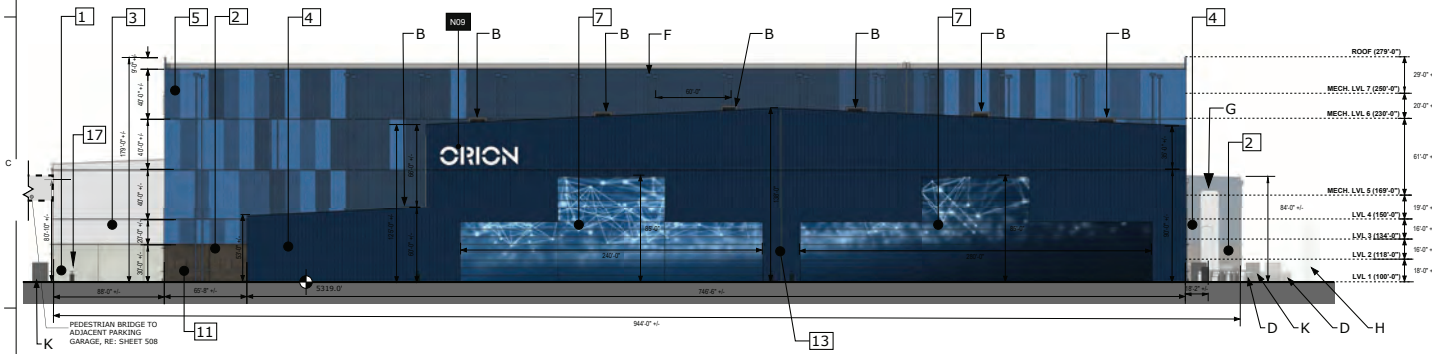
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D 1 NORTH OVERALL ELEVATION

SCALE: 1" = 40' - 0"

0 40 80 160



C 1 SOUTH OVERALL ELEVATION

SCALE: 1" = 40' - 0"

0 40 80 160

General Notes

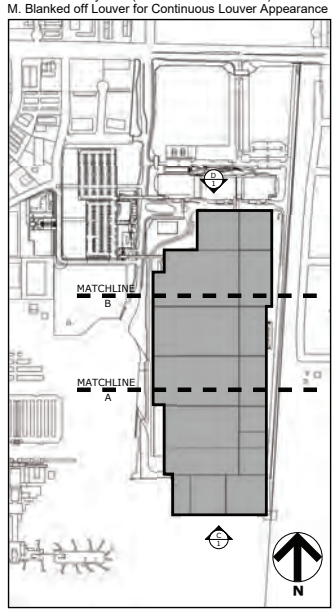
1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
2. All exterior surfaces of structures shall be designed to ensure that they do not have a light reflective value (LRV) that results in glare in the eyes of flyers using the airport, impairs visibility in the vicinity of the airport, or otherwise endangers the landing, taking-off, or maneuvering of aircraft. Final colors and materials shall be provided to the City Aviation Department for review and approval per applicable FAA regulations prior to building permit

Architectural Legend

1. Architectural Precast Concrete Panel - Grey
2. Architectural Precast Concrete Panel - Dark Grey
3. Metal Panel System - Grey
4. Metal Panel System - Blue
5. Metal Panel - Shades of Assorted Blues
6. Metal Panel - Shades of Assorted Greys
7. Large Roll-up Fabric Door w/ Blue Graphics
8. Metal Overhead/Coiling Door - Grey
9. Stair w/ Integrated Lighting and Glazing System
10. Perforated metal screen wall (Grey & 50% open)
11. Architectural Steel & Wood Canopy w/ Tension Rods
12. Architectural Glazing System
13. Expansion Joint System at Wall & Roof
14. Waterproof Roof Membrane
15. Parapet with Waterproof Roof Membrane
16. Loading Dock
17. Exterior Building Mounted Downlighting Including Lights at all Overhead/Coiling Doors and Egress Doors
18. Trash Compactor (23'-6" L x 8'-6" W x 8'-6" H) +/-

Mechanical, Electrical & Plumbing Legend

A. Mechanical Louver
B. RTU (15'-0" L x 8'-6" W x 8'-0" H) +/-
C. Exhaust Fan Louver
D. Transformer (56'-10.5" L x 5'-6" W x 9'-6" H) +/-
E. Cooling Towers (12'-0" L x 21'-6" W x 20'-6" H) +/-
-Two Rows of Six (12 Total)
F. Primary & Secondary Roof Drainage System
G. LN2 Tanks
H. Fuel Tanks
J. Boiler & Generator Flues (30'-0" Tall x 18" & 30" round)
K. Exterior Generator (36'-0" L x 12'-0" W x 16'-0" H) +/-
L. House Vac System (9'-6" L x 5'-0" x 12'-6" H) +/-
M. Blanked off Louver for Continuous Louver Appearance



Key Plan

Signage Legend

N09 - Assembly Building - CL180 - Channel Letters

Please refer to sheet 521 for more details.

DAVIS PARTNERSHIP ARCHITECTS
DENVER OFFICE
2001 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

Bohannan Huston
www.bhinc.com
800.877.5332

NOT FOR CONSTRUCTION

Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

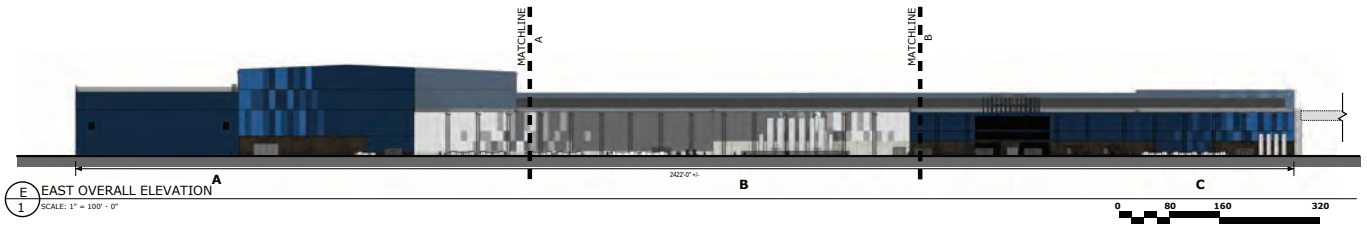
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

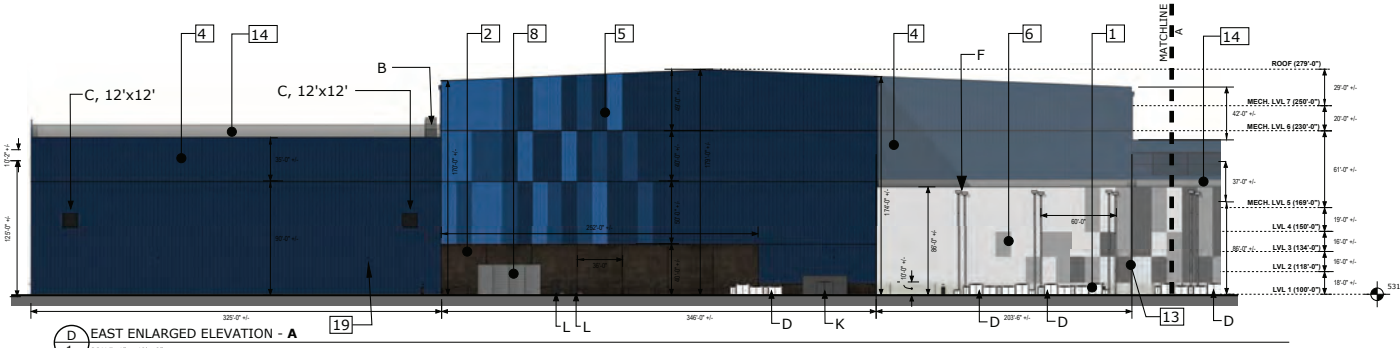
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ELEVATIONS: ASSEMBLY & SECURITY WALL

Sheet Number:
500



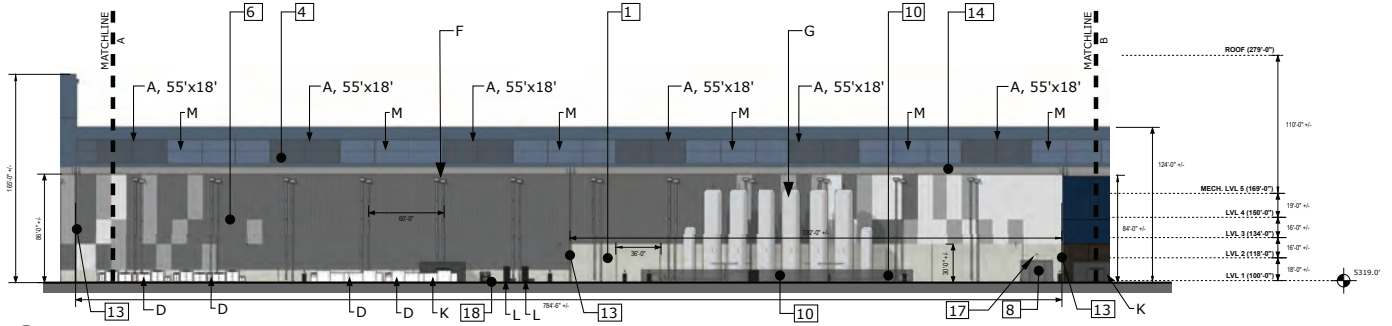
E 1 EAST OVERALL ELEVATION
SCALE: 1" = 100' - 0"

0 80 160 320



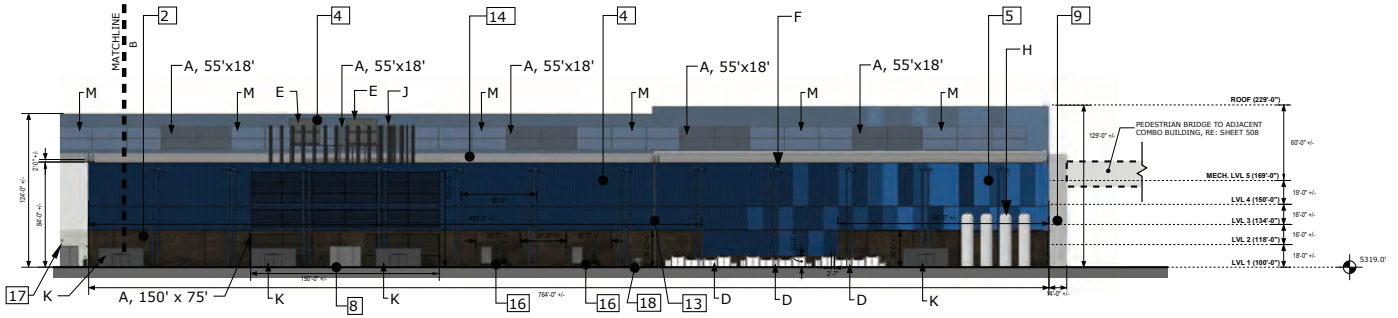
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SCALE: 1" = 40' - 0"

0 40 80 160



B 1 EAST ENLARGED ELEVATION - **B**
SCALE: 1" = 40' - 0"

0 40 80 160



A 1 EAST ENLARGED ELEVATION - **C**
SCALE: 1" = 40' - 0"

0 40 80 160

General Notes

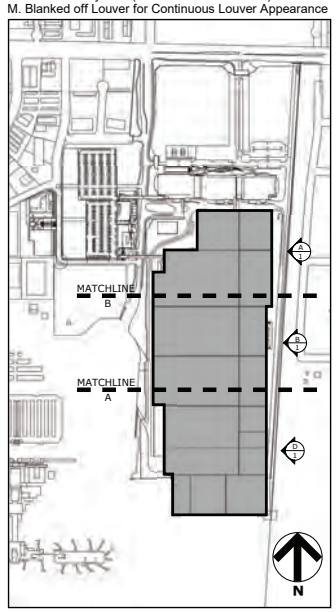
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4. Metal Panel System - Blue
5. Metal Panel - Shades of Assorted Blues
6. Metal Panel - Shades of Assorted Greys
7. Large Roll-up Fabric Door w/ Blue Graphics
8. Metal Overhead/Coiling Door - Grey
9. Stair w/ Integrated Lighting and Glazing System
10. Perforated metal screen wall (Grey & 50% open)
11. Architectural Steel & Wood Canopy w/ Tension Rods
12. Architectural Glazing System
13. Expansion Joint System at Wall & Roof
14. Waterproof Roof Membrane
15. Parapet with Waterproof Roof Membrane
16. Loading Dock
17. Exterior Building Mounted Downlighting Including Lights at all Overhead/Coiling Doors and Egress Doors
18. Trash Compactor (23'-6" L x 8'-6" W x 8'-6" H) +/-

Mechanical, Electrical & Plumbing Legend

A. Mechanical Louver
B. RTU (15'-0" L x 8'-6" W x 8'-0" H) +/-
C. Exhaust Fan Louver
D. Transformer (56'-10.5" L x 5'-6" W x 9'-6" H) +/-
E. Cooling Towers (12'-0" L x 21'-6" W x 20'-6" H) +/-
-Two Rows of Six (12 Total)
F. Primary & Secondary Roof Drainage System
G. LN2 Tanks
H. Fuel Tanks
J. Boiler & Generator Flues (30'-0" Tall x 18" & 30" round)
K. Exterior Generator (36'-0" L x 12'-0" W x 16'-0" H) +/-
L. House Vac System (9'-6" L x 5'-0" x 12'-6" H) +/-
M. Blanked off Louver for Continuous Louver Appearance



Key Plan

DAVIS PARTNERSHIP ARCHITECTS
DENVER OFFICE
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Denver, CO 80205
303.861.8555

Consultant

Bohannan Huston
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800.877.5332

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Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
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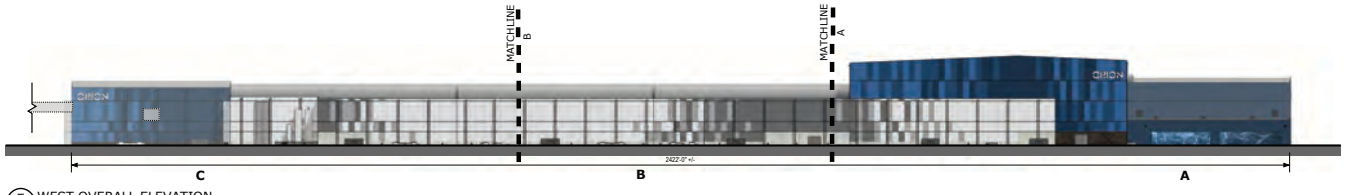
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

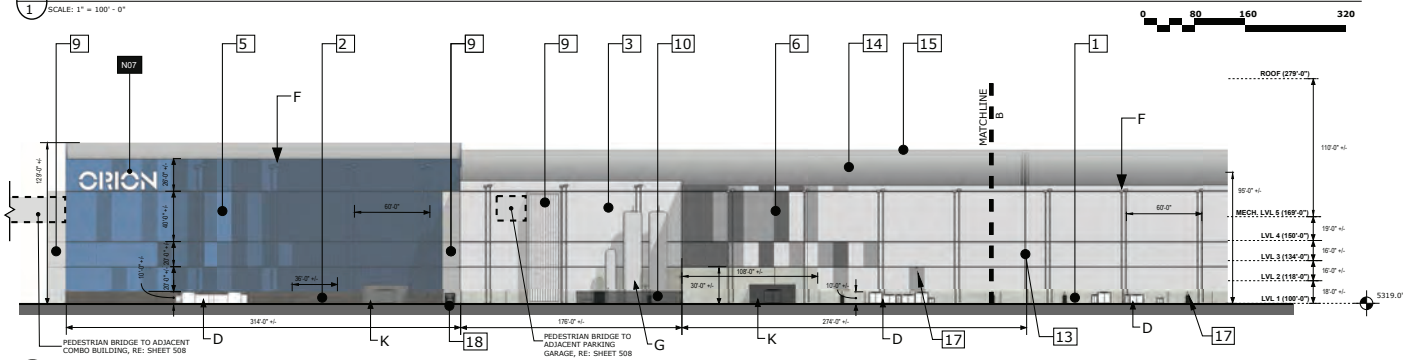
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Sheet Title:
ELEVATIONS: ASSEMBLY

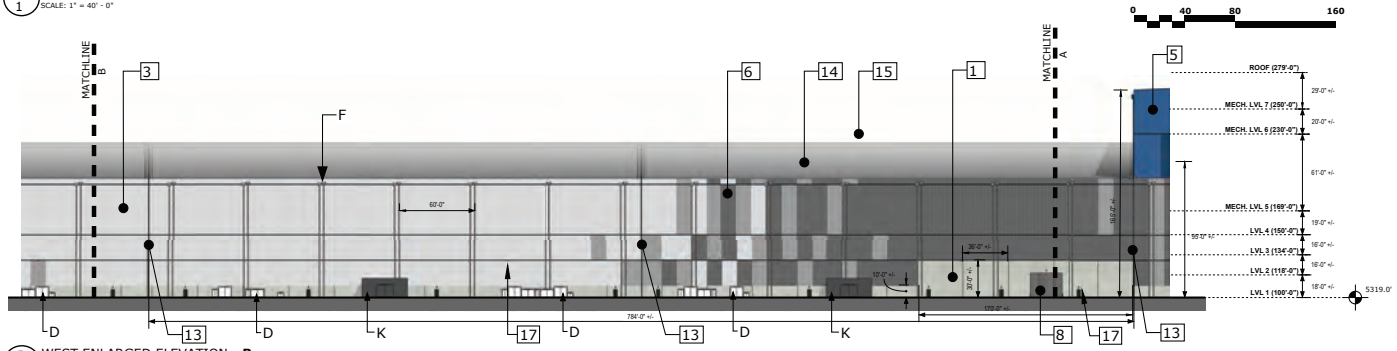
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501



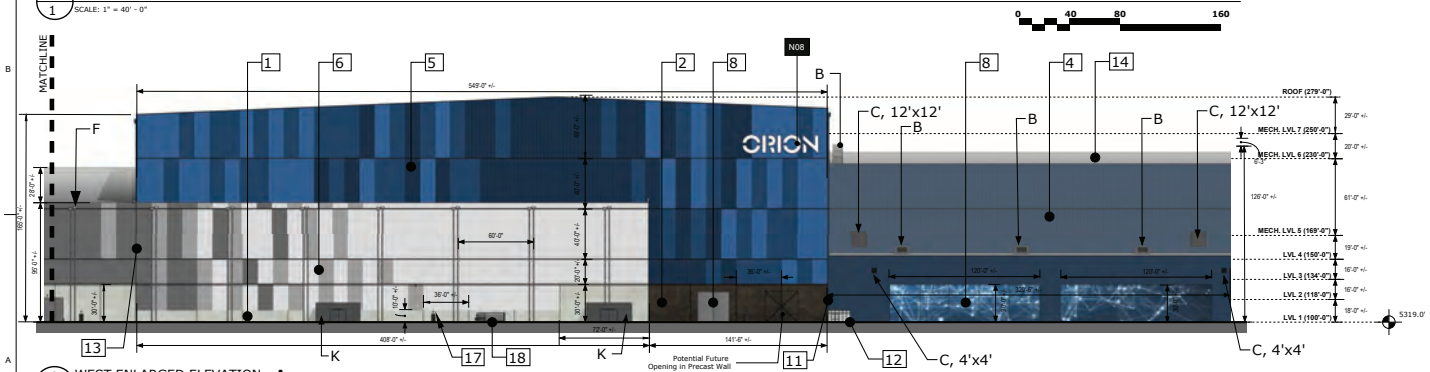
E 1 WEST OVERALL ELEVATION
SCALE: 1" = 100' - 0"



D 1 WEST ENLARGED ELEVATION - **C**
SCALE: 1" = 40' - 0"



B 1 WEST ENLARGED ELEVATION - **B**
SCALE: 1" = 40' - 0"



A 1 WEST ENLARGED ELEVATION - **A**
SCALE: 1" = 40' - 0"

Signage Legend
N07 - Assembly Building - CL180 - Channel Letters
N08 - Assembly Building - CL180 - Channel Letters

Please refer to sheet 521 for more details.

General Notes

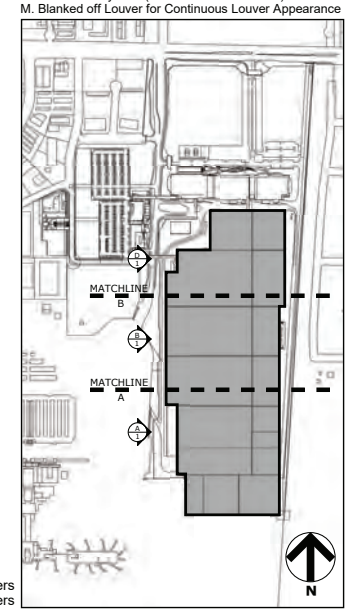
1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
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Architectural Legend

1. Architectural Precast Concrete Panel - Grey
2. Architectural Precast Concrete Panel - Dark Grey
3. Metal Panel System - Grey
4. Metal Panel System - Blue
5. Metal Panel - Shades of Assorted Blues
6. Metal Panel - Shades of Assorted Greys
7. Large Roll-up Fabric Door w/ Blue Graphics
8. Metal Overhead/Coiling Door - Grey
9. Stair w/ Integrated Lighting and Glazing System
10. Perforated metal screen wall (Grey & 50% open)
11. Architectural Steel & Wood Canopy w/ Tension Rods
12. Architectural Glazing System
13. Expansion Joint System at Wall & Roof
14. Waterproof Roof Membrane
15. Parapet with Waterproof Roof Membrane
16. Loading Dock
17. Exterior Building Mounted Downlighting Including Lights at all Overhead/Coiling Doors and Egress Doors
18. Trash Compactor (23'-6" L x 8'-6" W x 8'-6" H) +/-

Mechanical, Electrical & Plumbing Legend

A. Mechanical Louver
B. RTU (15'-0" L x 8'-6" W x 8'-0" H) +/-
C. Exhaust Fan Louver
D. Transformer (56'-10.5" L x 5'-6" W x 9'-6" H) +/-
E. Cooling Towers (12'-0" L x 21'-6" W x 20'-6" H) +/-
-Two Rows of Six (12 Total)
F. Primary & Secondary Roof Drainage System
G. LN2 Tanks
H. Fuel Tanks
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K. Exterior Generator (36'-0" L x 12'-0" W x 16'-0" H) +/-
L. House Vac System (9'-6" L x 5'-0" x 12'-6" H) +/-
M. Blanked off Louver for Continuous Louver Appearance



Key Plan

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Consultant
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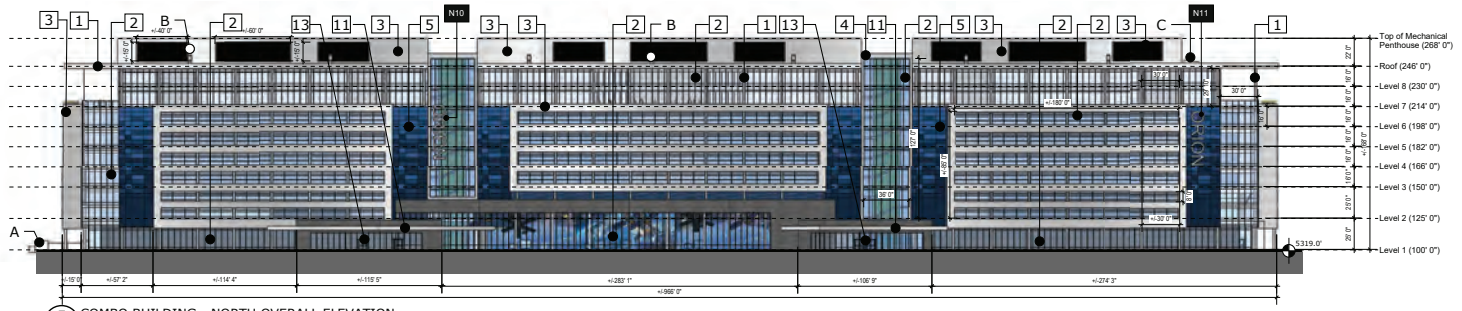
Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

Project Information
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information
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ELEVATIONS: ASSEMBLY

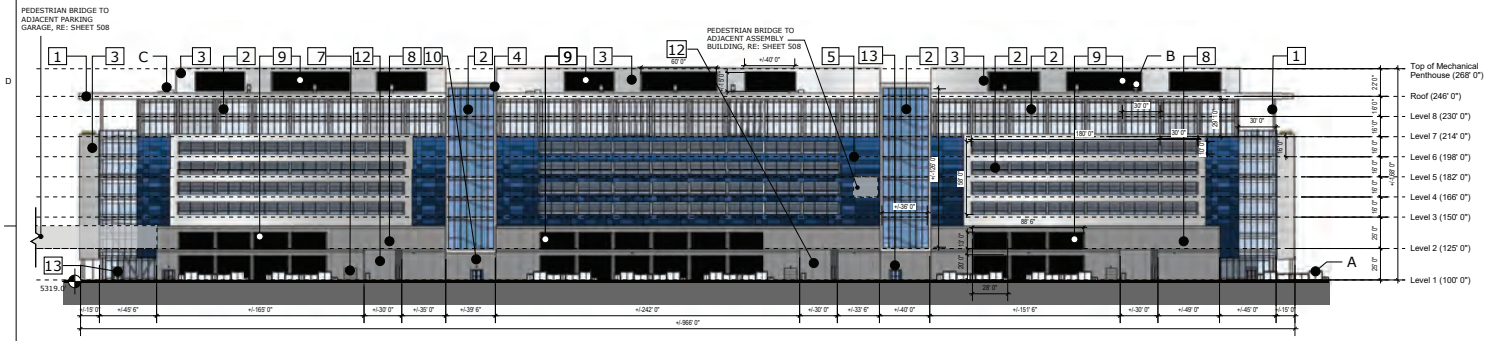
Sheet Number:
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E 1 COMBO BUILDING - NORTH OVERALL ELEVATION

SCALE: 1" = 40' - 0"

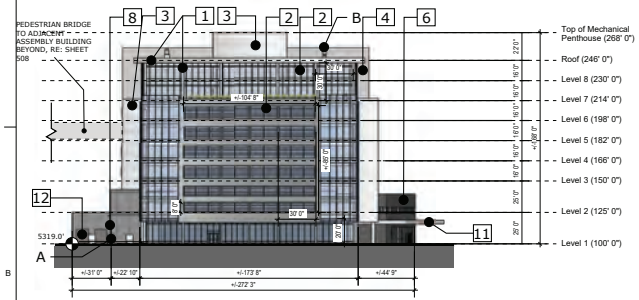
0 40 80 160



C 1 COMBO BUILDING - SOUTH OVERALL ELEVATION

SCALE: 1" = 40' - 0"

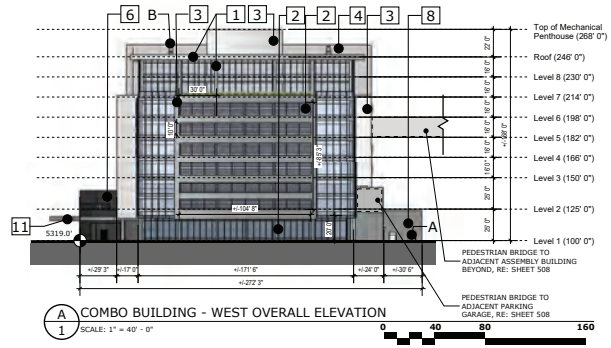
0 40 80 160



B 1 COMBO BUILDING - EAST OVERALL ELEVATION

SCALE: 1" = 40' - 0"

0 40 80 160



A 1 COMBO BUILDING - WEST OVERALL ELEVATION

SCALE: 1" = 40' - 0"

0 40 80 160

General Notes

1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
2. All exterior surfaces of structures shall be designed to ensure that they do not have a light reflective value (LRV) that results in glare in the eyes of flyers using the airport, impairs visibility in the vicinity of the airport, or otherwise endangers the landing, taking-off, or maneuvering of aircraft. Final colors and materials shall be provided to the City Aviation Department for review and approval per applicable FAA regulations prior to building permit
3. Dark-sky complaint building mounted downlights will be provided at all perimeter exterior doors.

Signage Legend

N10 - Combo Building - CL120 - Channel Letters
N11 - Combo Building - CL120 - Channel Letters

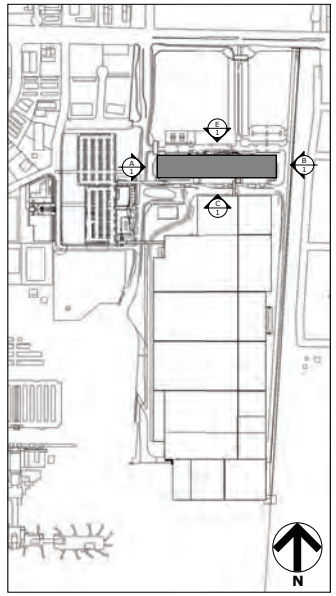
Please refer to sheet 522 for more details.

Architectural Legend

1. Steel Structure With an Aluminum Wrap
2. Glazing System
3. Metal Panel System - Grey 1
4. Metal Panel System - Grey 2
5. Metal Panel System - Shades of Assorted Blue
6. Masonry Cladding System - Grey
7. Metal Overhead/Coiling Door - Grey
8. Precast Concrete Exterior Wall System - Grey
9. Pre-finished Mechanical Louvers (Color to Match Exterior Wall)
10. Exterior Building Mounted Downlighting Including Lights at all Overhead/Coiling Doors and Egress Doors
11. Recessed Downlights at Building Entry
12. Loading Dock
13. Building Exit/Entry Door

Mechanical Legend

A. Electrical Transformer Equipment (61'-10.5" L x 15'-6" W x 16' H) +/-
B. Exhaust Fan
C. Pressurization Fan



Key Plan

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DENVER OFFICE
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Consultant

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REVISED EPC SUBMITTAL	10/30/2020	1

Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

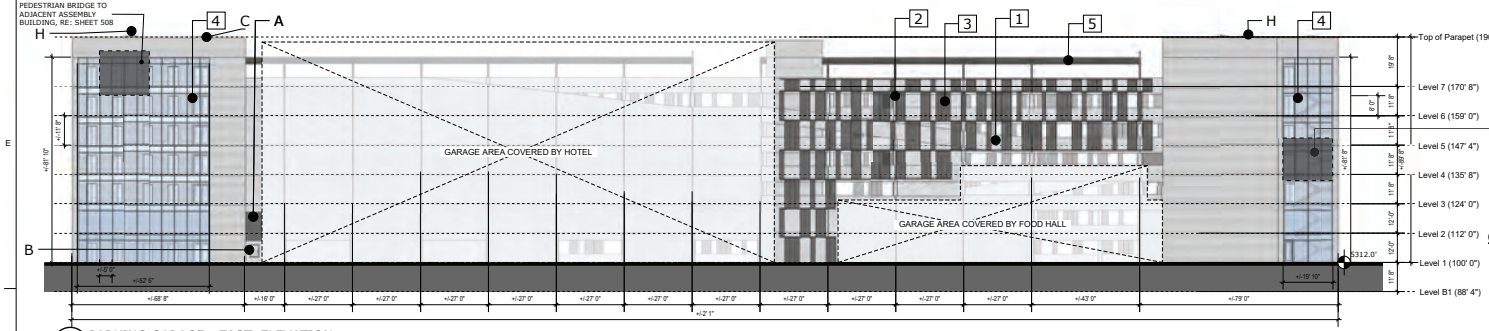
Sheet Information

Sheet Title:

ELEVATIONS: COMBO BUILDING

Sheet Number:

503



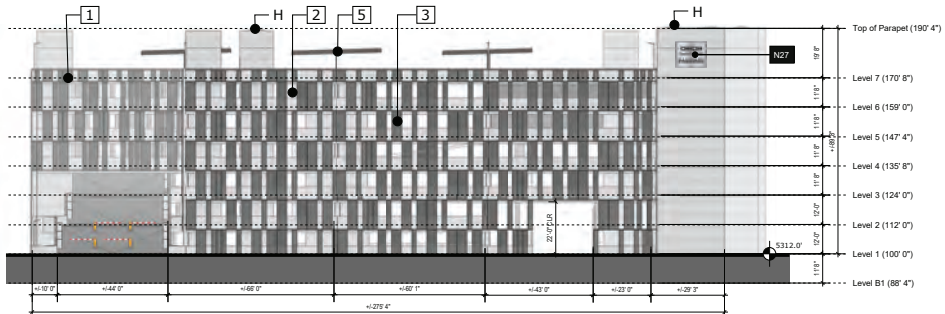
E 1 PARKING GARAGE - EAST ELEVATION
SCALE: 1" = 20' - 0"



D 1 PARKING GARAGE - WEST ELEVATION
SCALE: 1" = 20' - 0"



B 1 PARKING GARAGE - NORTH ELEVATION
SCALE: 1" = 20' - 0"



A 1 PARKING GARAGE - SOUTH ELEVATION
SCALE: 1" = 20' - 0"

General Notes

1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
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Signage Legend

N25 - Parking Garage - W136 - Wall Signs
N26 - Parking Garage - W136 - Wall Signs
N27 - Parking Garage - W136 - Wall Signs

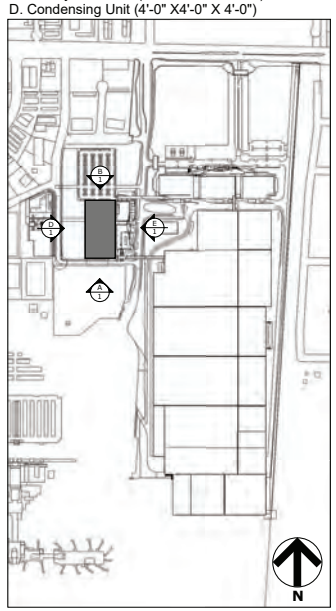
Please refer to sheet 525 for more details.

Architectural Legend

1. Precast Concrete Panel - Grey in Color
2. Structural Precast Concrete
3. Perforated Metal Panel System
4. Glazing System
5. Vehicle Shade Structure

Mechanical Legend

A. Mechanical Louvers
B. Generator Termination Cabinet (3'-6" X 1'-4" X 5'-0")
C. Gravity Ventilator (3'-0" X 3'-0" X 2'-0")
D. Condensing Unit (4'-0" X4'-0" X 4'-0")



Key Plan

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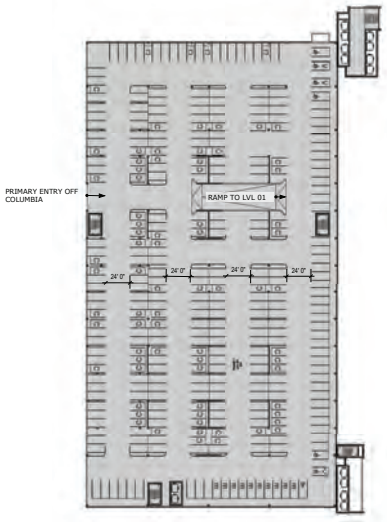
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

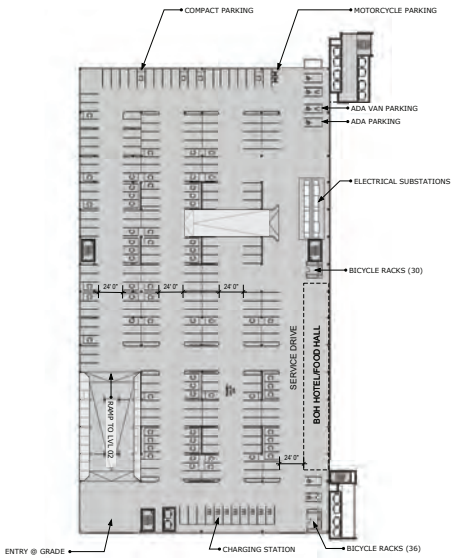
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ELEVATIONS: GARAGE

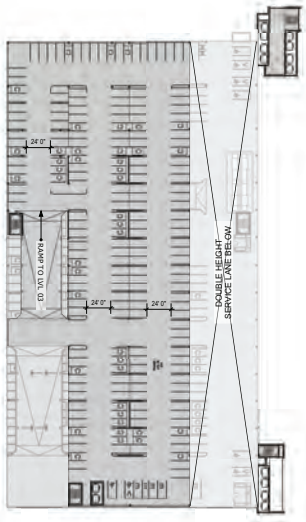
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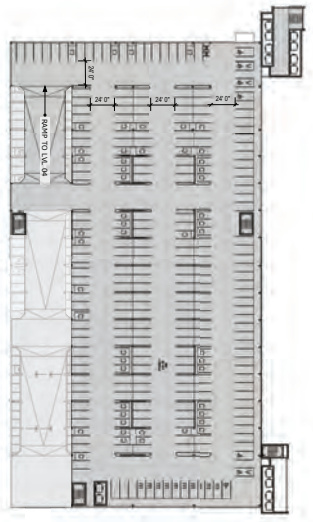
D 1 PARKING GARAGE - B1 LEVEL
SCALE: 1" = 50' - 0"



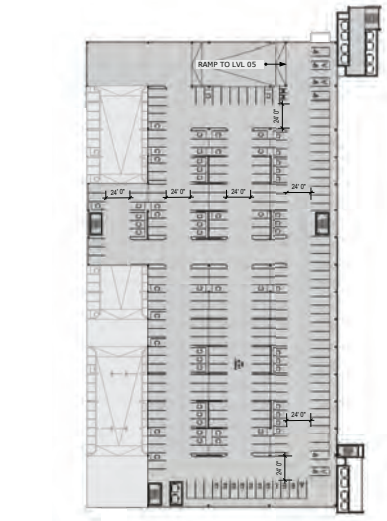
D 3 PARKING GARAGE - 01 LEVEL
SCALE: 1" = 50' - 0"



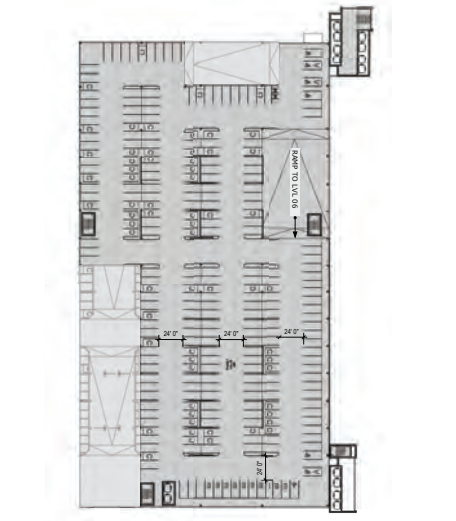
D 4 PARKING GARAGE - 02 LEVEL
SCALE: 1" = 50' - 0"



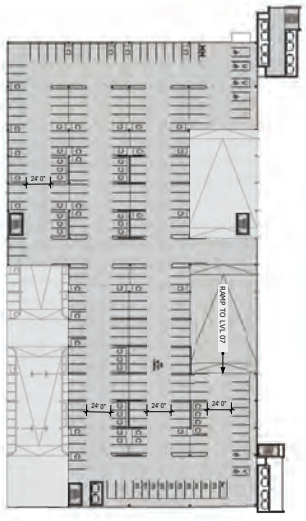
D 6 PARKING GARAGE - 03 LEVEL
SCALE: 1" = 50' - 0"



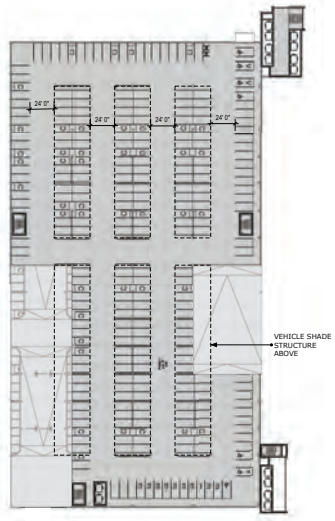
B 1 PARKING GARAGE - 04 LEVEL
SCALE: 1" = 50' - 0"



B 3 PARKING GARAGE - 05 LEVEL
SCALE: 1" = 50' - 0"



B 4 PARKING GARAGE - 06 LEVEL
SCALE: 1" = 50' - 0"



B 6 PARKING GARAGE - 07 LEVEL
SCALE: 1" = 50' - 0"

0 50 100 200

N

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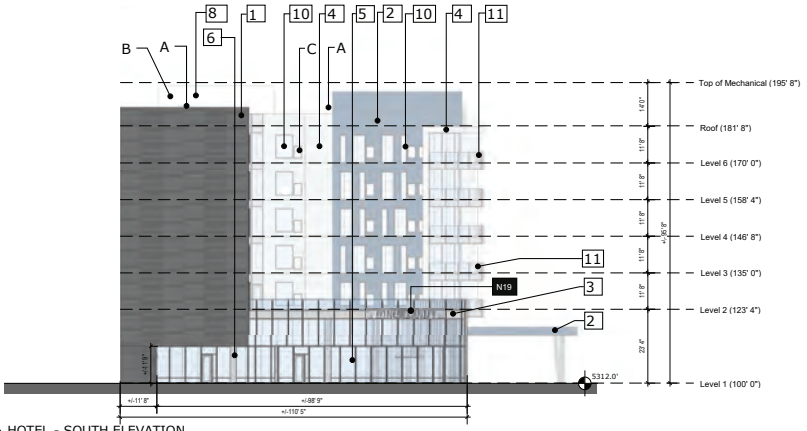
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ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

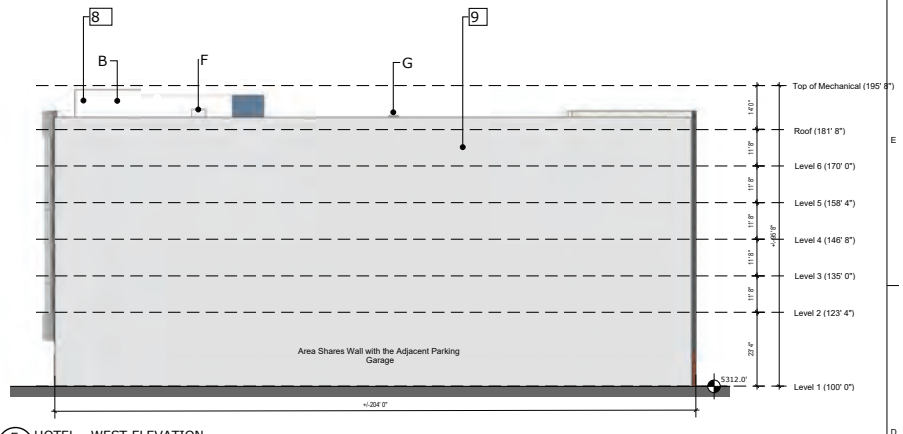
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PLANS: GARAGE

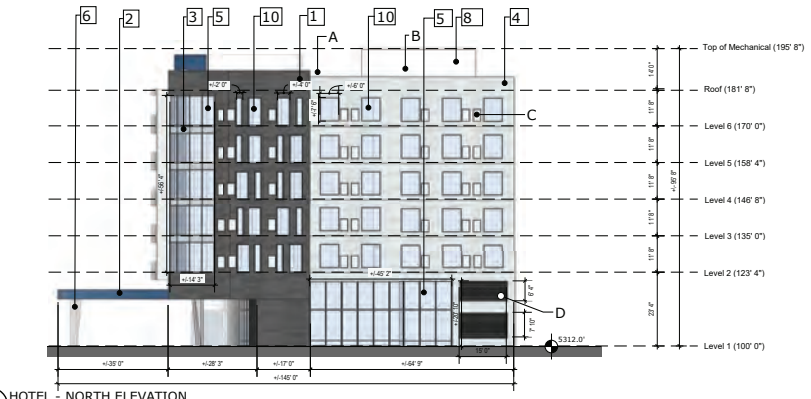
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E/1 HOTEL - SOUTH ELEVATION
SCALE: 1/16"= 1'-0"



E/4 HOTEL - WEST ELEVATION
SCALE: 1/16"= 1'-0"



C/1 HOTEL - NORTH ELEVATION
SCALE: 1/16"= 1'-0"



A/1 HOTEL - EAST ELEVATION
SCALE: 1/16"= 1'-0"

General Notes

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Signage Legend

N16 - Hotel - CL42 - Channel Letters
N18 - Hotel - W88 - Wall Sign
N19 - Fitness Center -W68 - Wall Sign
N20 - Badging Center -W14 -Wall Sign

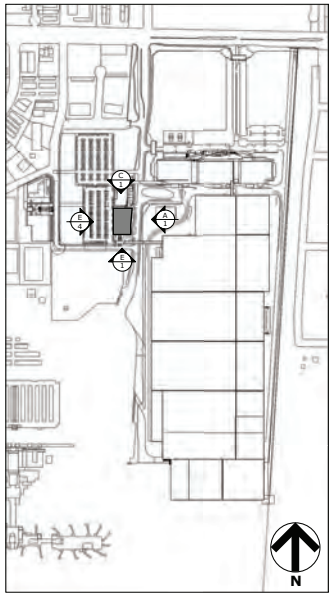
Please refer to sheet 524 for more details.

Architectural Legend

1. Metal Panel - Shades of Assorted Grey
2. Metal Panel - Shades of Assorted Blue
3. Metal Panel - Finish to Match Mullion
4. Metal Panel - Shades of Assorted White
5. Glazing System
6. Concrete Column
7. Glass Garage Doors
8. Roof Screen Surround
9. Cementicious Panels
10. Aluminum Window
11. Guardrail

Mechanical Legend

A. Pressurization Fan
B. Dedicated Outdoor Air System
C. VTAC, TYP. One Per Hotel Room
D. Mechanical Louver
E. Exhaust Fan
F. Condensing Unit
G. Boiler/Water Heater Flues & Vents
H. General Termination Cabinet (3'-6" L x 1'-4" W x 5' H) +/-



Key Plan

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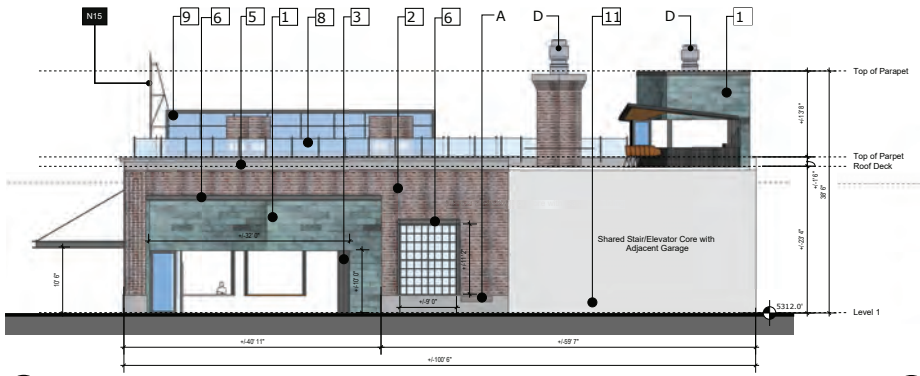
Project Information

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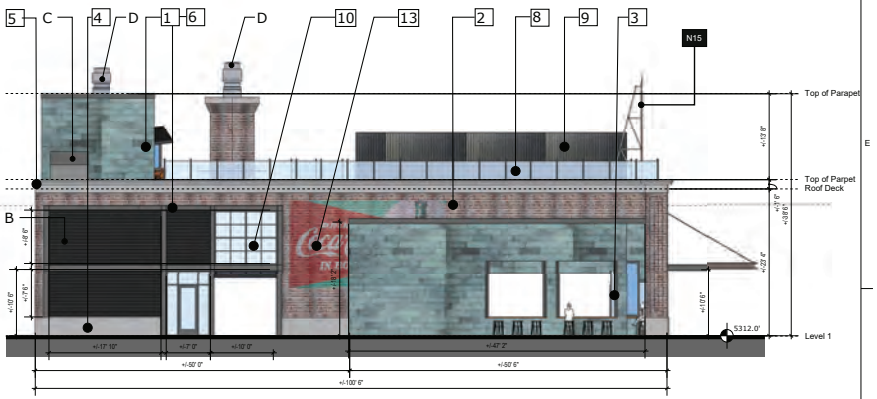
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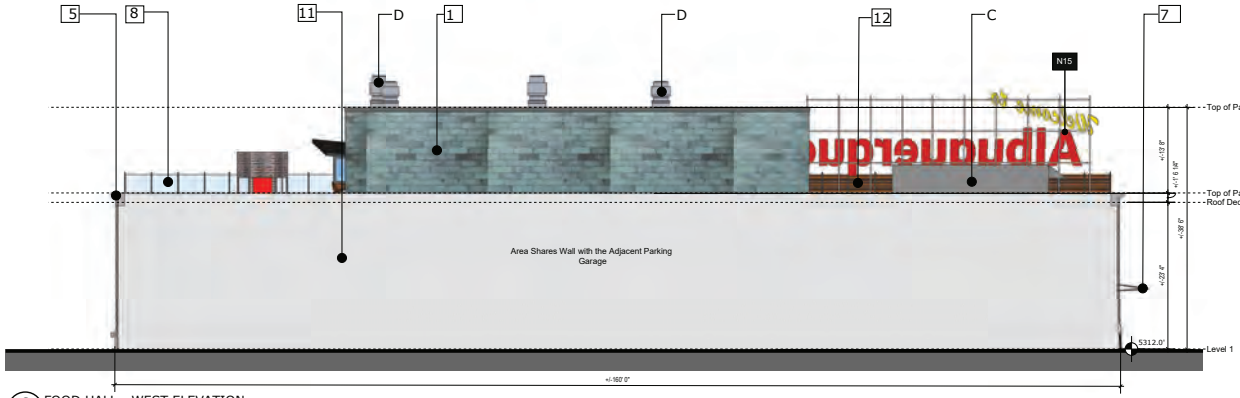
Sheet Number:
505



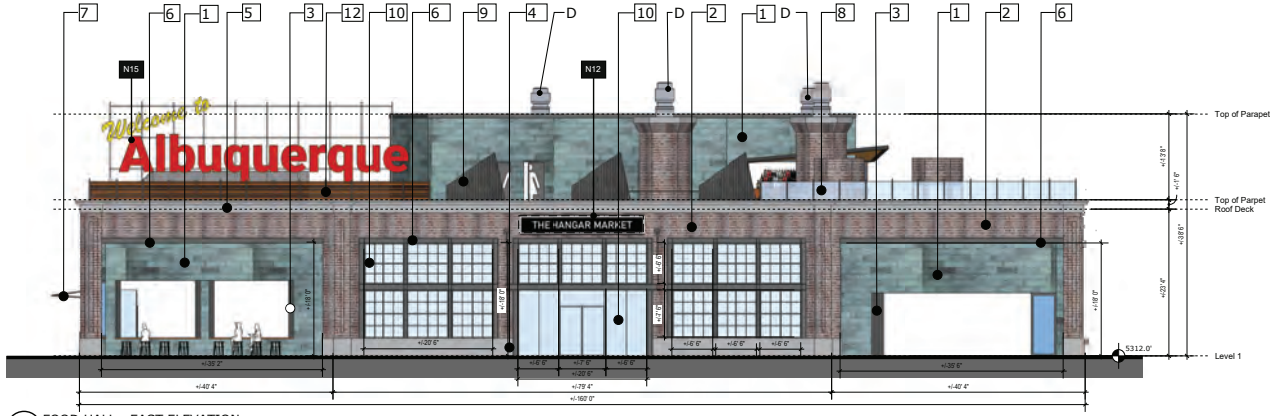
E 1 FOOD HALL - NORTH ELEVATION
SCALE: 1/8" = 1' - 0"



E 4 FOOD HALL - SOUTH ELEVATION
SCALE: 1/8" = 1' - 0"



C 1 FOOD HALL - WEST ELEVATION
SCALE: 1/8" = 1' - 0"



A 1 FOOD HALL - EAST ELEVATION
SCALE: 1/8" = 1' - 0"

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Architectural Legend

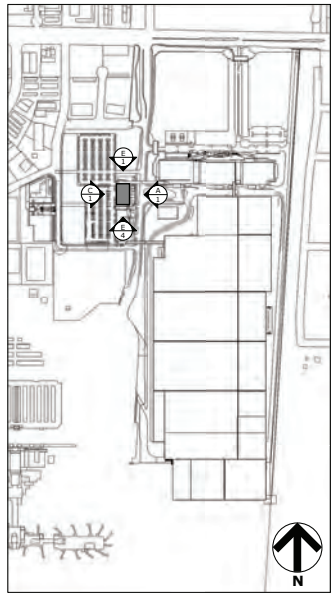
1. Metal Panel System - Green
2. Masonry Cladding System - Brown
3. Operable Bi-fold Opening
4. Stone Base - Grey
5. Stone Cornice and Parapet - Grey
6. Steel-Framed Opening
7. Overhead Garage Door - Folding
8. Guardrail
9. Light Monitor
10. Glazing System
11. CMU Wall
12. Screening Guardrail
13. Mural

Signage Legend

N12 - Food Hall - W55 - Wall Sign
N15 - Food Hall - CL144 - Channel Letters
Please refer to sheet 523 for more details.

Mechanical Legend

A. Gas Meter
B. Mechanical Louvers
C. Makeup Air Unit (20'-0" L x 6'-0" W x 5' H) +/-
D. Exhaust Vent



Key Plan

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Consultant

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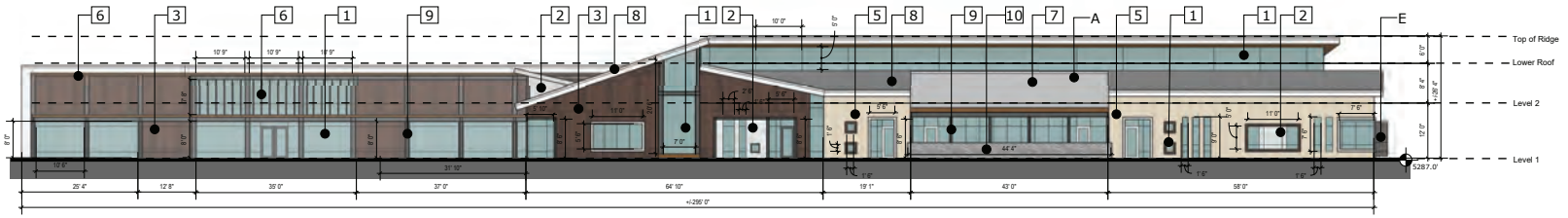
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

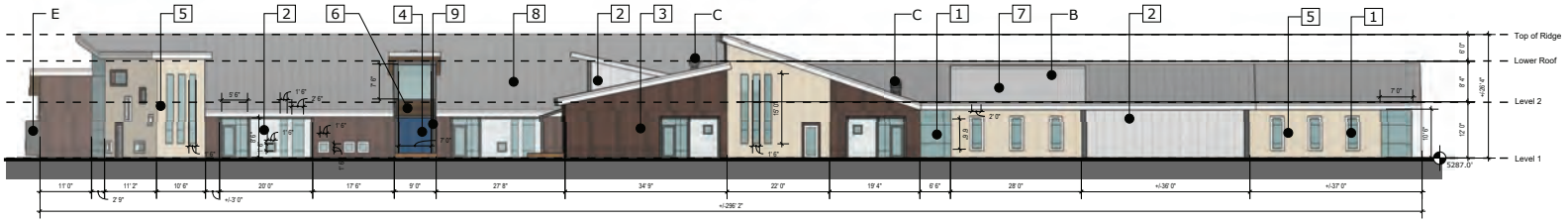
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ELEVATIONS: FOOD HALL

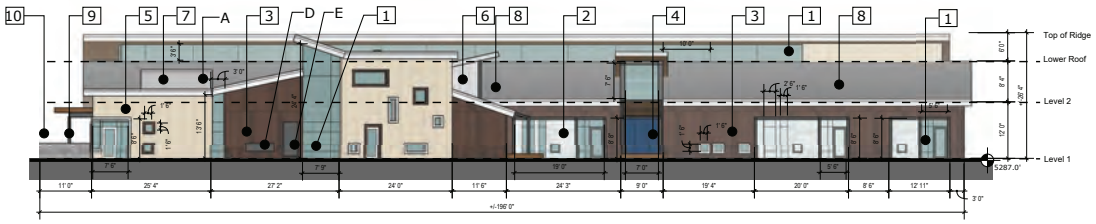
Sheet Number:
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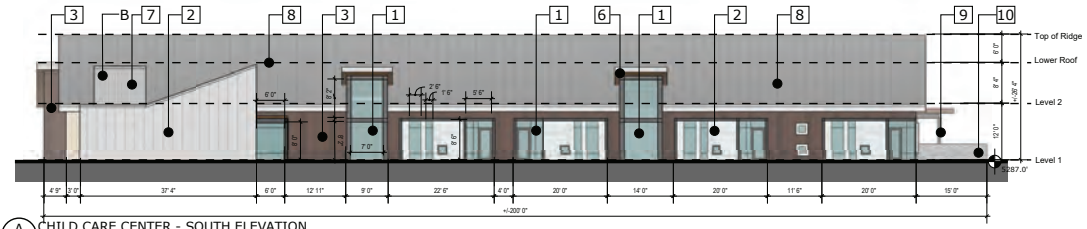
E/1 CHILD CARE CENTER - EAST ELEVATION
SCALE: 3/32" = 1' - 0"



D/1 CHILD CARE CENTER - WEST ELEVATION
SCALE: 3/32" = 1' - 0"



B/1 CHILD CARE CENTER - NORTH ELEVATION
SCALE: 3/32" = 1' - 0"



A/1 CHILD CARE CENTER - SOUTH ELEVATION
SCALE: 3/32" = 1' - 0"

Architectural Legend

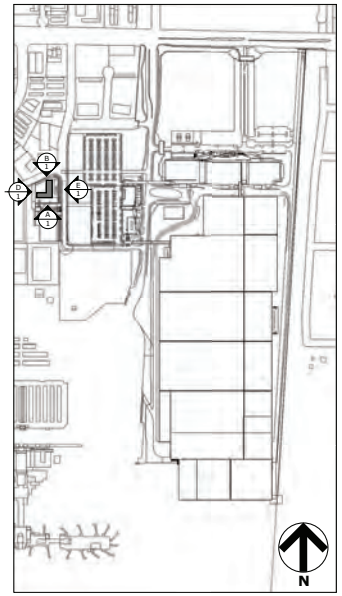
1. Glazing System
2. Metal Panel System – Shades of Assorted Gray
3. Metal Panel System – Shades of Assorted Brown
4. Metal Panel System - Shades of Assorted Blue
5. Brick Cladding System - Tan
6. Wood Cladding System & Soffit System
7. Metal Screen Wall
8. Metal Roof System – Light Gray
9. Exposed Structural Steel – Painted
10. Masonry Site Wall

General Notes

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Mechanical Legend

A. Dedicated Outdoor Air System (20'-0" L x 6'-0" W x 8' H) +/-
B. Dedicated Outdoor Air System (20'-0" L x 6'-0" W x 8' H) +/-
C. Exhaust Fan
D. Gas Meter
E. Electrical Utility Cabinet (3'-0" L x 3'-0" W x 7'-6" H) +/-



Key Plan

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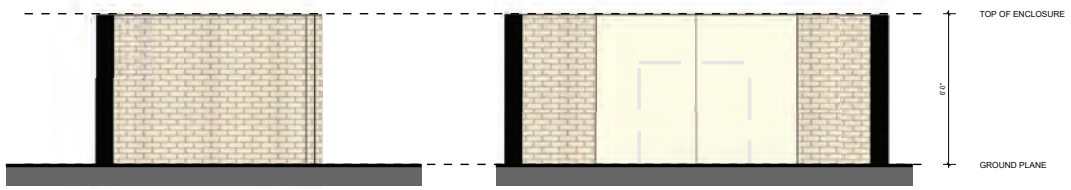
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

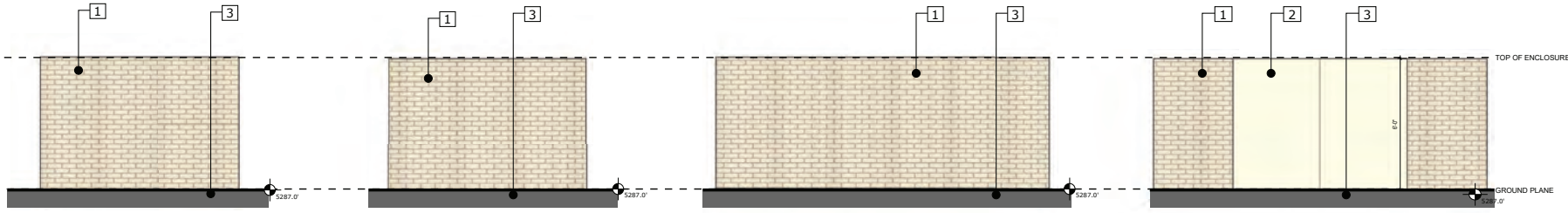
Sheet Title:
CHILD CARE CENTER

Sheet Number:
507



D 1 TRASH ENCLOSURE - EAST SECTION
SCALE: 1/2" = 1' - 0"

D 2 TRASH ENCLOSURE - SOUTH SECTION
SCALE: 1/2" = 1' - 0"

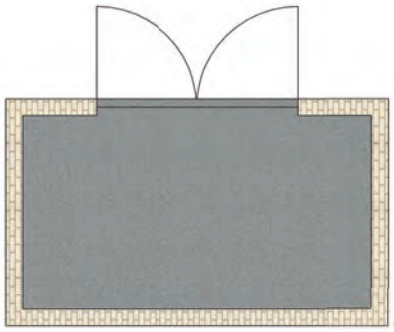


C 1 TRASH ENCLOSURE - WEST ELEVATION
SCALE: 1/2" = 1' - 0"

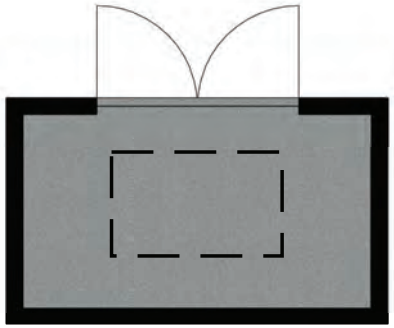
C 2 TRASH ENCLOSURE - EAST ELEVATION
SCALE: 1/2" = 1' - 0"

C 3 TRASH ENCLOSURE - SOUTH ELEVATION
SCALE: 1/2" = 1' - 0"

C 4 TRASH ENCLOSURE - NORTH ELEVATION
SCALE: 1/2" = 1' - 0"



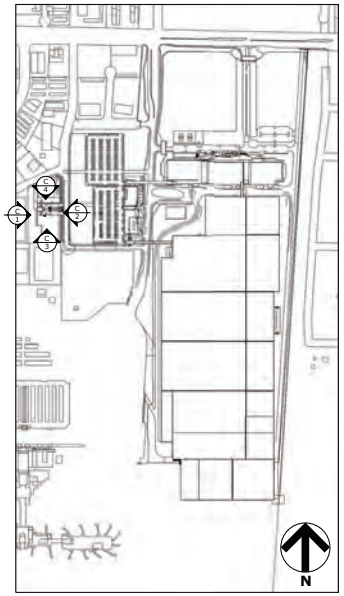
A 1 TRASH ENCLOSURE - ROOF PLAN
SCALE: 1/2" = 1' - 0"



A 2 TRASH ENCLOSURE - FLOOR PLAN
SCALE: 1/2" = 1' - 0"

Architectural Legend
1. Brick Cladding System - Tan
2. Painted metal doors
3. 6" Reinforced concrete

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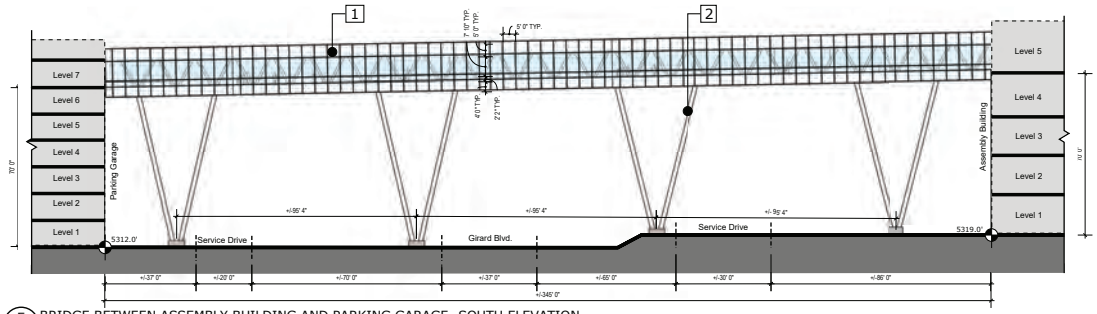
Revisions	Date	No.
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Project Information

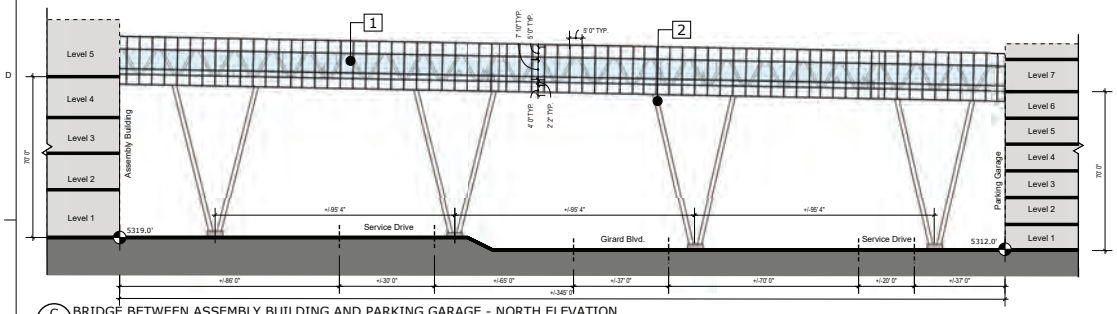
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information
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CHILD CARE CENTER

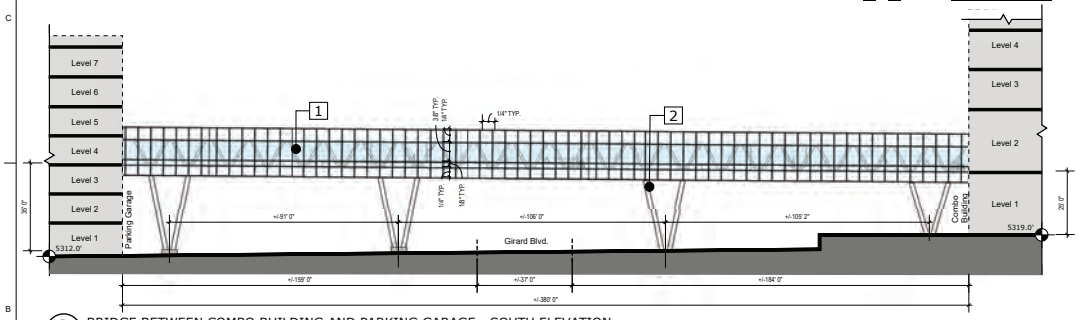
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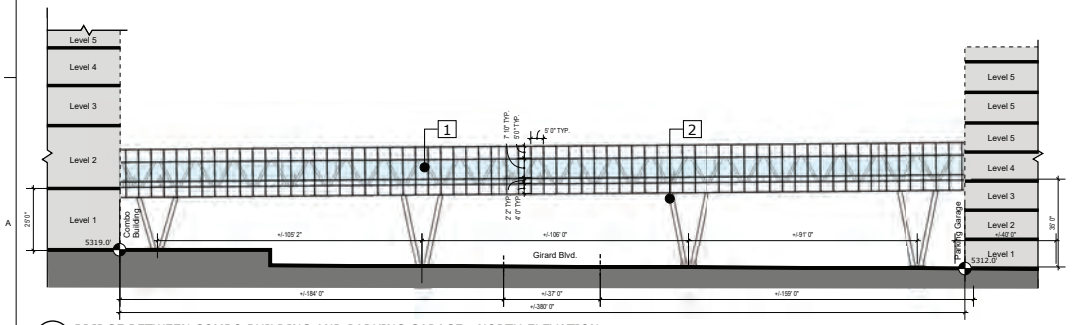
E 1 BRIDGE BETWEEN ASSEMBLY BUILDING AND PARKING GARAGE- SOUTH ELEVATION
SCALE: 1" = 20' - 0"



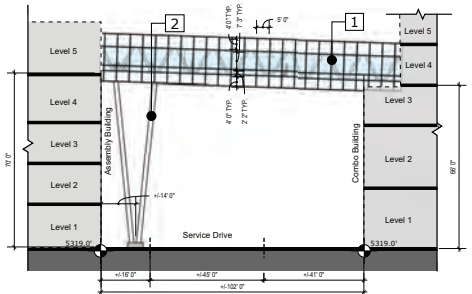
C 1 BRIDGE BETWEEN ASSEMBLY BUILDING AND PARKING GARAGE - NORTH ELEVATION
SCALE: 1" = 20' - 0"



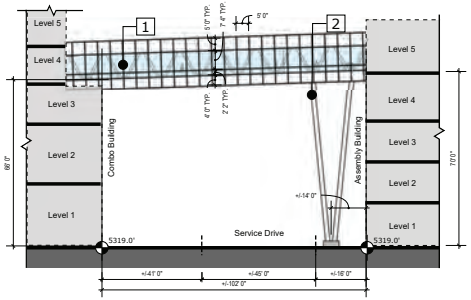
B 1 BRIDGE BETWEEN COMBO BUILDING AND PARKING GARAGE - SOUTH ELEVATION
SCALE: 1" = 20' - 0"



A 1 BRIDGE BETWEEN COMBO BUILDING AND PARKING GARAGE - NORTH ELEVATION
SCALE: 1" = 20' - 0"



E 5 BRIDGE BETWEEN ASSEMBLY BUILDING AND COMBO BUILDING - EAST ELEVATION
SCALE: 1" = 20' - 0"



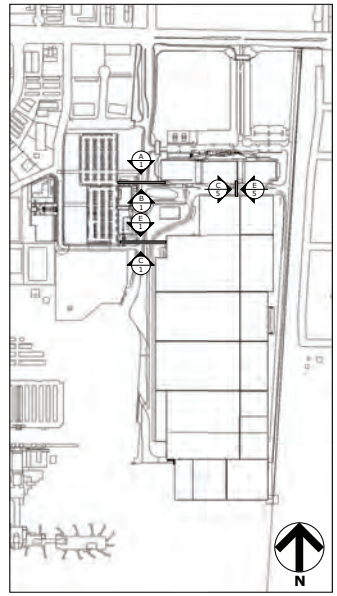
C 5 BRIDGE BETWEEN ASSEMBLY BUILDING AND COMBO BUILDING - WEST ELEVATION
SCALE: 1" = 20' - 0"

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Architectural Legend

1. Glazing System
2. Exposed Structural Steel - Painted



Key Plan

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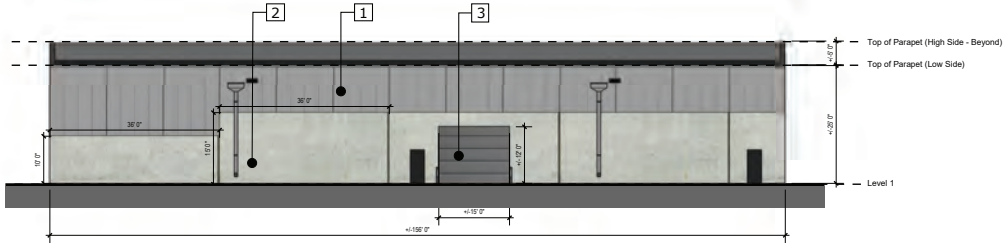
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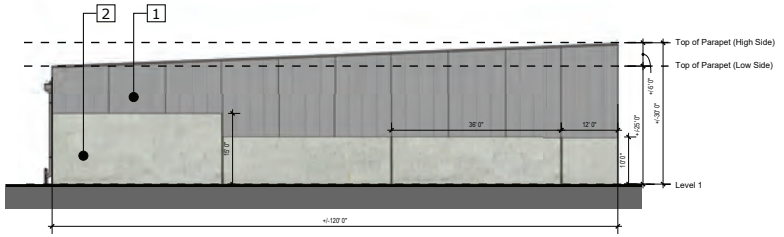
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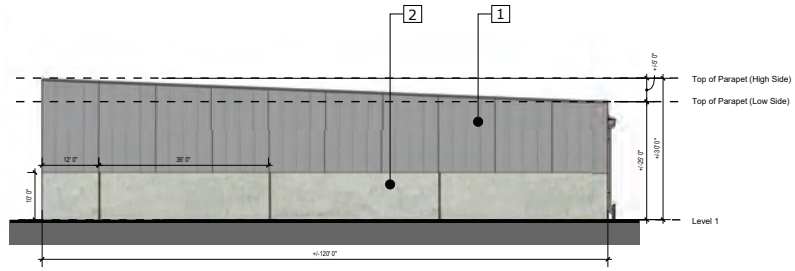
E/1 ELECTRICAL EQUIPMENT BUILDING - NORTH ELEVATION
SCALE: 3/32" = 1' - 0"



C/1 ELECTRICAL EQUIPMENT BUILDING - SOUTH ELEVATION
SCALE: 3/32" = 1' - 0"



B/1 ELECTRICAL EQUIPMENT BUILDING - EAST ELEVATION
SCALE: 3/32" = 1' - 0"



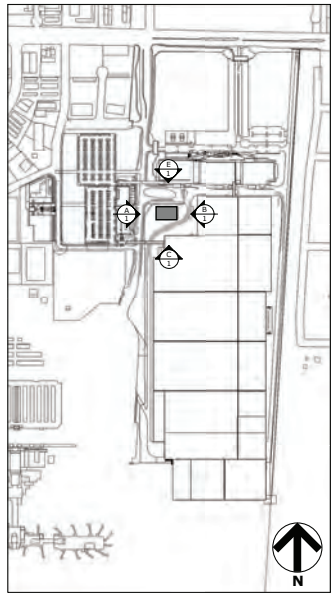
A/1 ELECTRICAL EQUIPMENT BUILDING - WEST ELEVATION
SCALE: 3/32" = 1' - 0"

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Architectural Legend

1. Metal Panel System - Grey
2. Architectural Precast Concrete Panel - Grey
3. Metal Overhead Coiling Door - Grey



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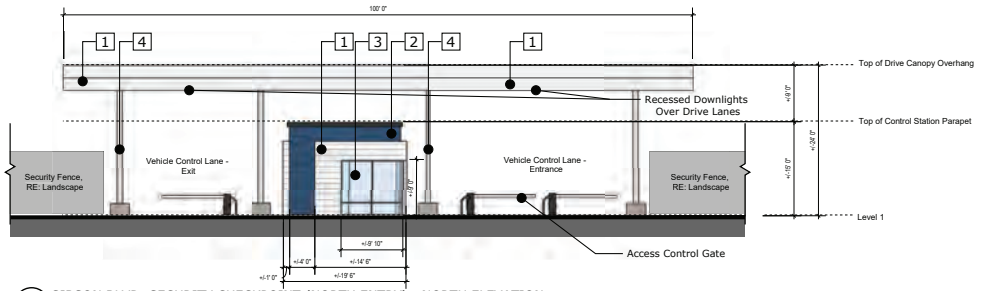
Project Information

ORION CENTER
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Sheet Information

Sheet Title:
ELEVATIONS: ELECTRICAL EQUIPMENT BUILDING

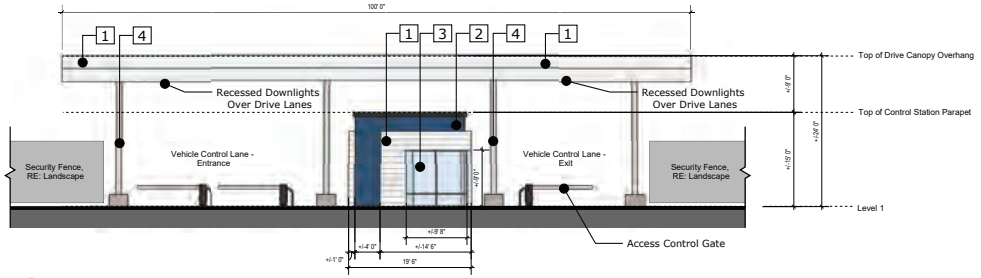
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E/1 GIBSON BLVD. SECURITY CHECKPOINT (NORTH ENTRY) - NORTH ELEVATION

SCALE: 1/8" = 1' - 0"

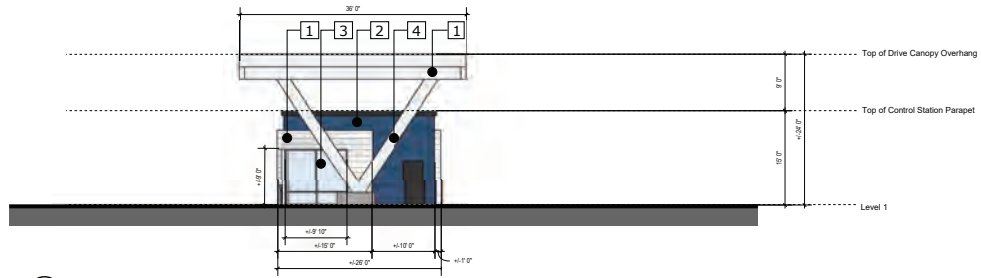
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D/1 GIBSON BLVD. SECURITY CHECKPOINT (NORTH ENTRY) - SOUTH ELEVATION

SCALE: 1/8" = 1' - 0"

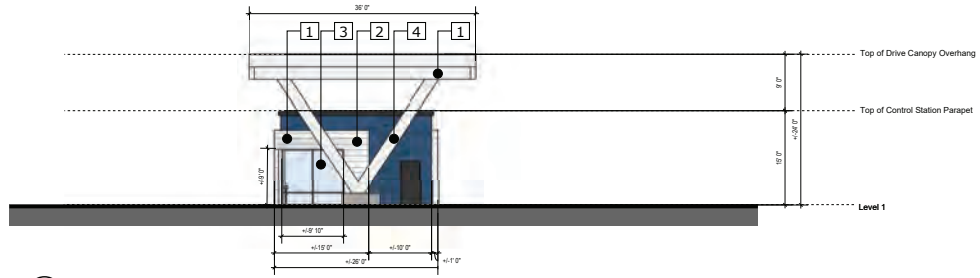
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B/1 GIBSON BLVD. SECURITY CHECKPOINT (NORTH ENTRY) - EAST ELEVATION

SCALE: 1/8" = 1' - 0"

0 10 20 40



A/1 GIBSON BLVD. SECURITY CHECKPOINT (NORTH ENTRY) - WEST ELEVATION

SCALE: 1/8" = 1' - 0"

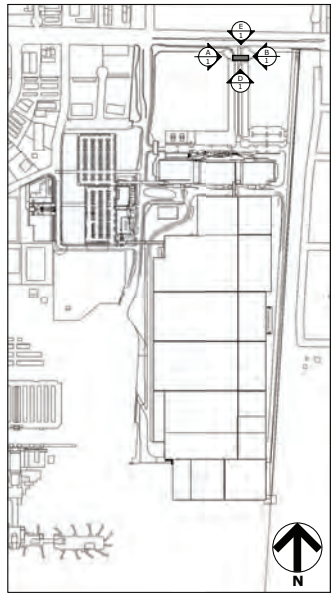
0 10 20 40

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Architectural Legend

1. Metal Panel System - Grey
2. Metal Panel System - Shades of Assorted Blue
3. Glazing System
4. Exposed Steel Structure - Painted Grey



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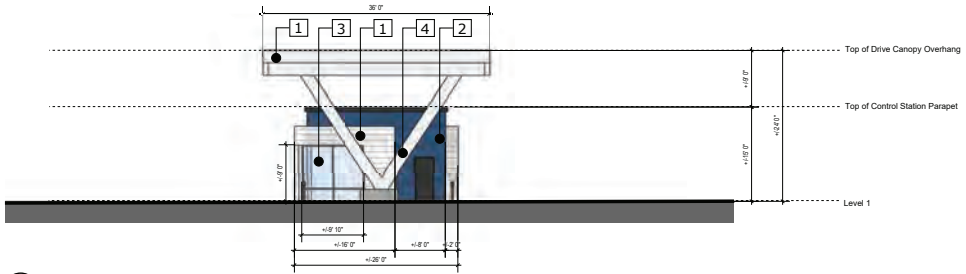
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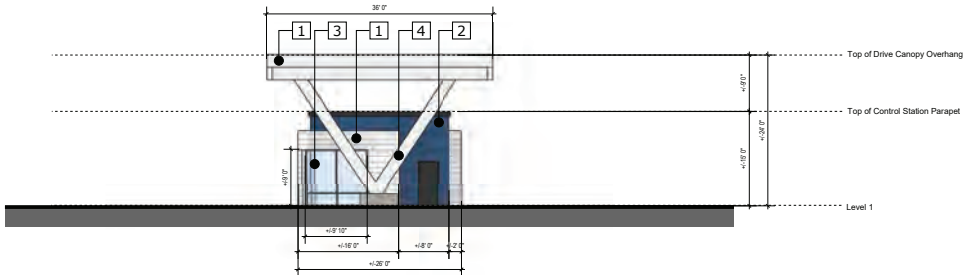
ELEVATIONS: SECURITY CHECKPOINTS

Sheet Number:

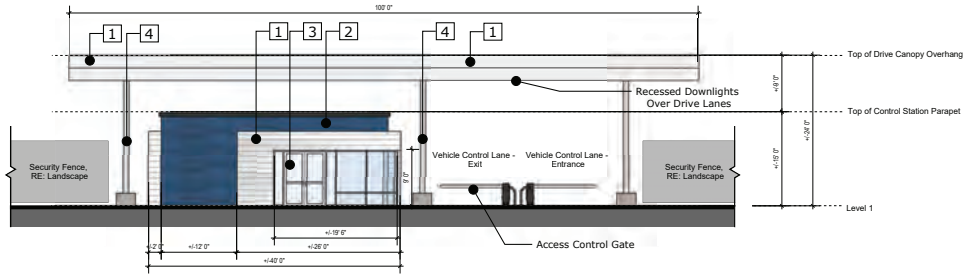
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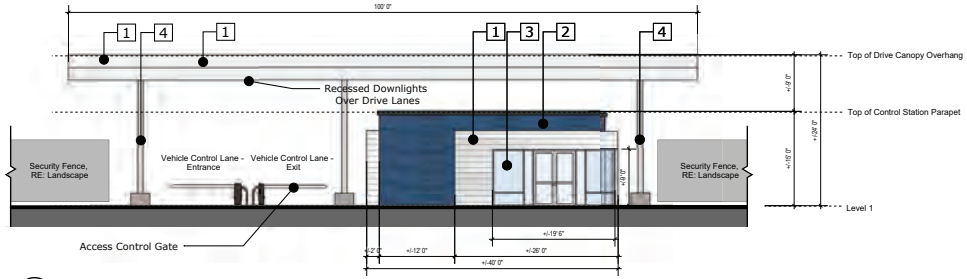
E 1 GIRARD BLVD. NORTH SECURITY CHECKPOINT (WEST ENTRY) - NORTH ELEVATION
SCALE: 1/8" = 1' - 0"



D 1 GIRARD BLVD. NORTH SECURITY CHECKPOINT (WEST ENTRY) - SOUTH ELEVATION
SCALE: 1/8" = 1' - 0"



B 1 GIRARD BLVD. NORTH SECURITY CHECKPOINT (WEST ENTRY) - EAST ELEVATION
SCALE: 1/8" = 1' - 0"



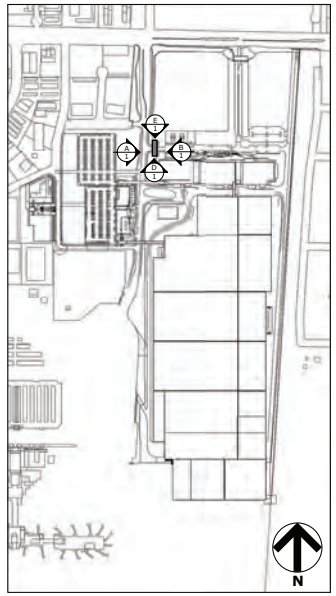
A 1 GIRARD BLVD. NORTH SECURITY CHECKPOINT (WEST ENTRY) - WEST ELEVATION
SCALE: 1/8" = 1' - 0"

General Notes

1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
2. All exterior surfaces of structures shall be designed to ensure that they do not have a light reflective value (LRV) that results in glare in the eyes of flyers using the airport, impairs visibility in the vicinity of the airport, or otherwise endangers the landing, taking-off, or maneuvering of aircraft. Final colors and materials shall be provided to the City Aviation Department for review and approval per applicable FAA regulations prior to building permit

Architectural Legend

1. Metal Panel System - Grey
2. Metal Panel System - Shades of Assorted Blue
3. Glazing System
4. Exposed Steel Structure - Painted Grey



Key Plan

DAVIS PARTNERSHIP ARCHITECTS
DENVER OFFICE
2001 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

Bohannan Huston
www.bhinc.com
800.877.5332

NOT FOR CONSTRUCTION

Issuance	Date
EPC SUBMITTAL	09/24/2020

Revisions	Date	No.
REVISED EPC SUBMITTAL	10/30/2020	1

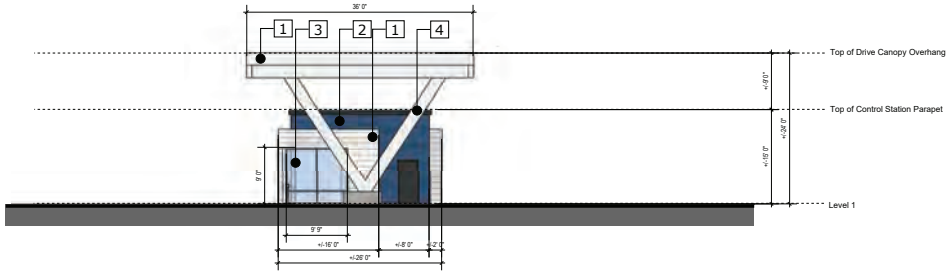
Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
ELEVATIONS: SECURITY CHECKPOINTS

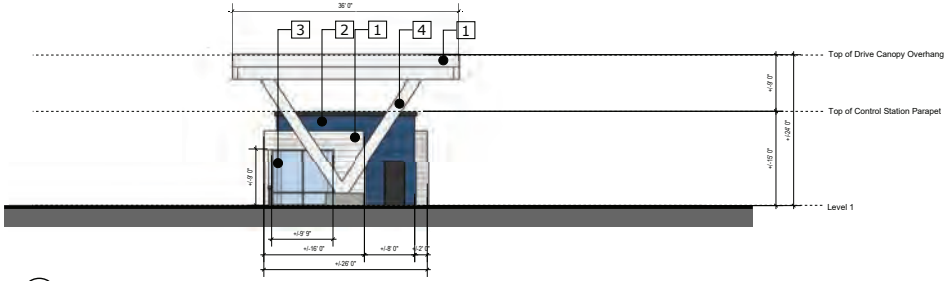
Sheet Number:
511



E 1 GIRARD BLVD. SOUTH SECURITY CHECKPOINT (SERVICE ENTRY) - NORTH ELEVATION

SCALE: 1/8" = 1' - 0"

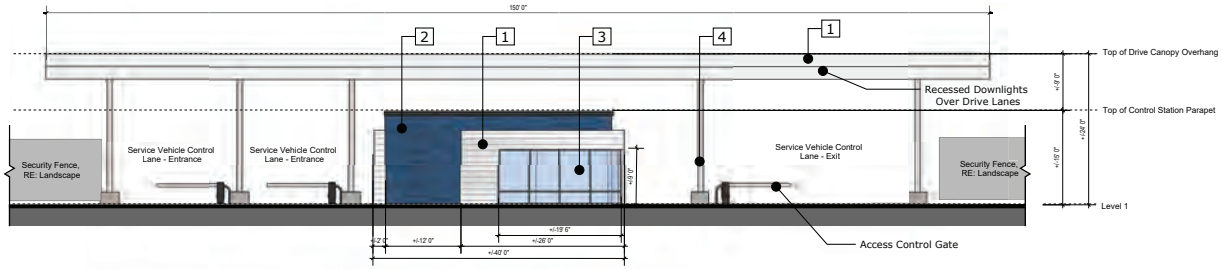
0 10 20 40



D 1 GIRARD BLVD. SOUTH SECURITY CHECKPOINT (SERVICE ENTRY) - SOUTH ELEVATION

SCALE: 1/8" = 1' - 0"

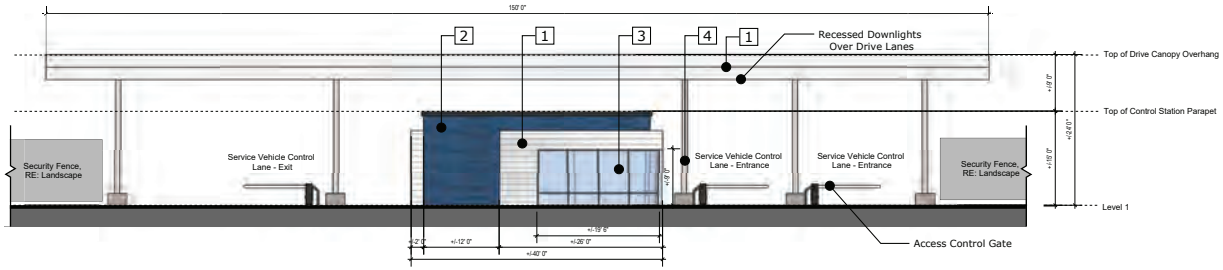
0 10 20 40



B 1 GIRARD BLVD. SOUTH SECURITY CHECKPOINT (SERVICE ENTRY) - EAST ELEVATION

SCALE: 1/8" = 1' - 0"

0 10 20 40



A 1 GIRARD BLVD. SOUTH SECURITY CHECKPOINT (SERVICE ENTRY) - WEST ELEVATION

SCALE: 1/8" = 1' - 0"

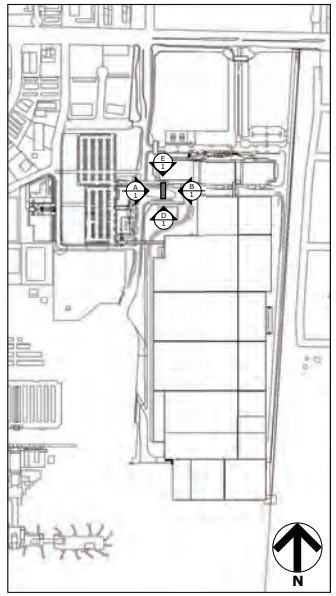
0 10 20 40

General Notes

1. Maximum building height in the NR-SU zone is determined through approval of a Site Plan – EPC. The heights shown are the maximum proposed and must also comply with the applicable regulations of the FAA and Airport Protection Overlay zone.
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Architectural Legend

1. Metal Panel System - Grey
2. Metal Panel System - Shades of Assorted Blue
3. Glazing System
4. Exposed Steel Structure - Painted Grey



Key Plan

DAVIS PARTNERSHIP ARCHITECTS
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Consultant

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Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

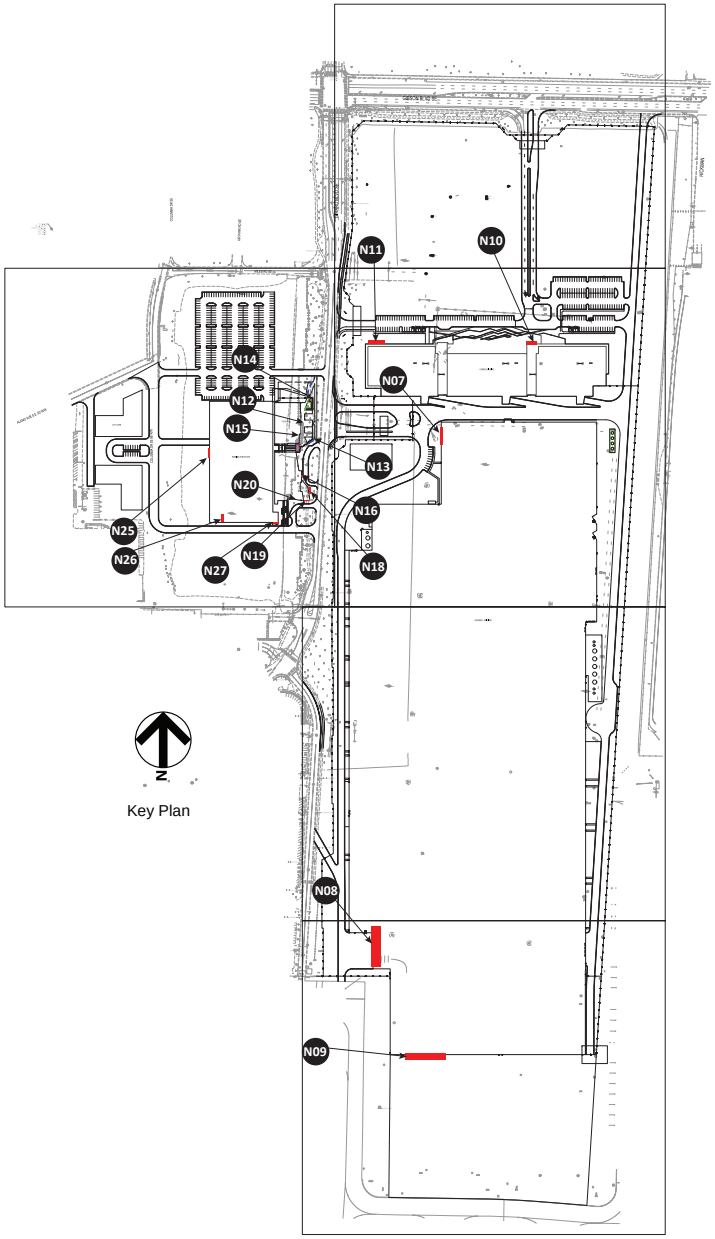
Sheet Title:

ELEVATIONS: SECURITY CHECKPOINTS

Sheet Number:

512

BUILDING SIGNAGE SITE PLAN



Key Plan

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Denver, CO 80205
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PROJECT 22

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Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

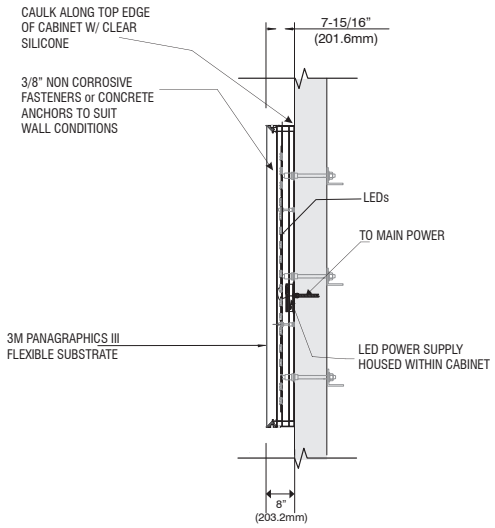
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Site Plan: Building Signs

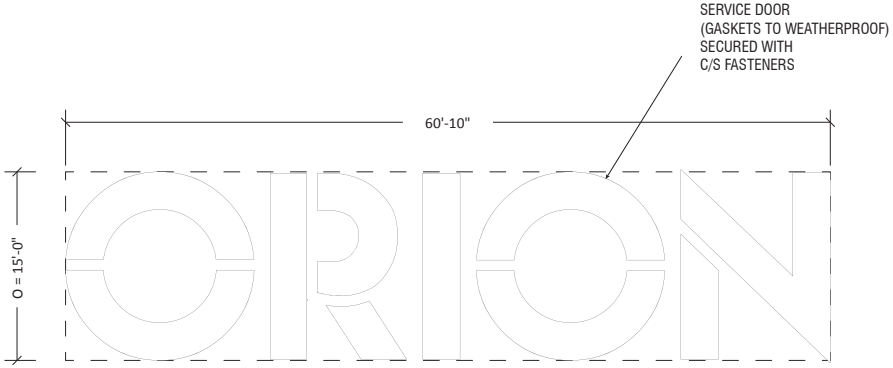
Sheet Number:

520

N07 N08 N09 Assembly Building - CL180 - Channel Letters

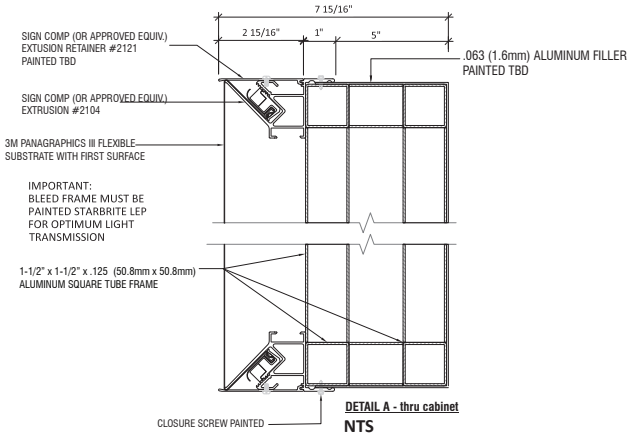


SECTION DETAIL
NTS



912.5 Sq. Ft.

Scale: 1/4"=1'



DETAIL A - thru cabinet
NTS

Specifications

Supply & Install New Illuminated Channel Letters

Channel Letter Specifications:

Construction: Aluminum extrusion with internal frame structure and an aluminum back.
Face Construction: Flex face frame with 3m Panagraphics III White flex material face.
Illumination: Agilight 6500 White LED's.

Color Specifications:

☐ White 3M Flex Face Material

1.2 AMPS TOTAL
(1) 120V, 20A CIRCUIT(S) REQ'D
INSTALL PRIMARY (IES) PER N.E.C.
U.L. LABELS REQUIRED
INSTALL SIGNAGE PER N.E.C.

ALL ILLUMINATED SIGNAGE REQUIRE THE CLIENT'S ELECTRICIAN TO FURNISH & INSTALL A COMPLETE PHOTOCELL AND/OR TIME CLOCK TO ALLOW SIGNS TO OPERATE AT DESIGNATED INTERVALS. HOWEVER, SIGNS SHALL NEVER OPERATE ON A 24/7 BASIS

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Project Information

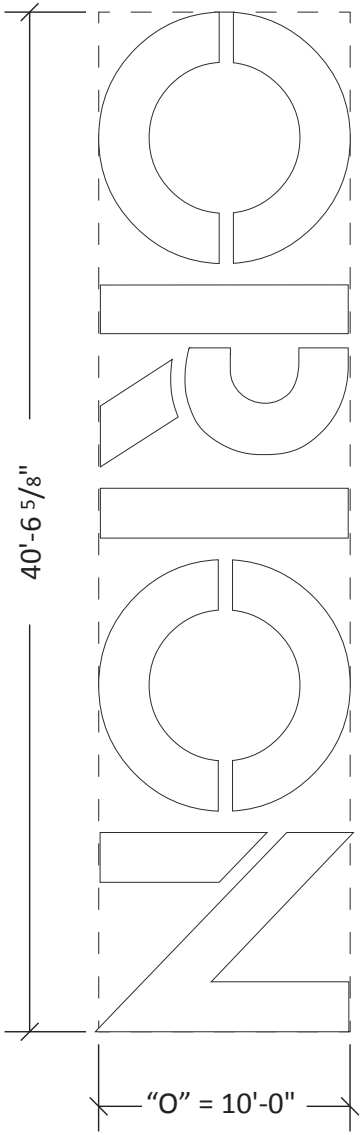
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Assembly Building Signs

Sheet Number:
521

N10 N11 Combo Building - CL120 - Channel Letters



Specifications

Supply & Install New Illuminated Channel Letters

Channel Letter Specifications:

White polycarbonate Channel Letters
Trim caps painted Black

Illumination: Agilight 6500 White LED's.

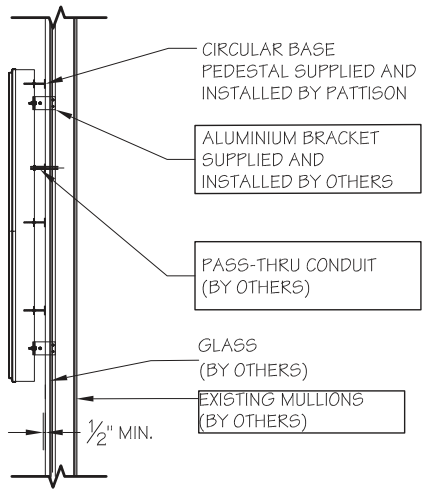
Color Specifications:

☐ White polycarbonate
■ Paint – Akzo Nobel 140 Deep Black

Scale: 1/2"=1'

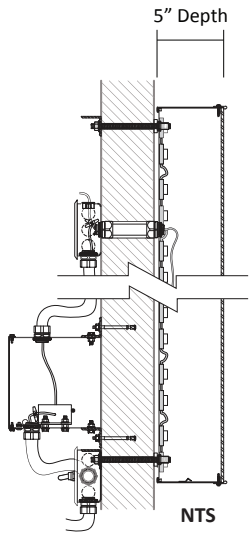
405.5 Sq. Ft.

NTS



SIDE VIEW

N10



N11

DAVIS PARTNERSHIP ARCHITECTS

DENVER OFFICE
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PROJECT 22

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Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Combo Building Signs

Sheet Number:
522

Specifications

N12 Food Hall - W55 - Wall Sign

Sign Cabinet:
2" Retainers Paint – Akzo Nobel 140 Deep Black
Cabinet to match the window mullions - dark gray.

Text:
1/2" Clear Acrylic push thru
with first surface solid vinyl to
match Vinyl - 3630-22 3M Matte Black

LED Illumination
Agilight LED modules – Color temp 6500 to
Illuminate routed copy



55.5 Sq. Ft.

Scale: 1/2"=1'

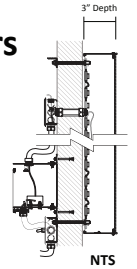
Font: Avenir 55 Roman

N13 Food Hall - CL12 - Channel Letters



Illuminated Individual Mount Letters
8.32 Sq. Ft.

Scale: 3/4"=1'



NTS

Specifications

Supply & Install New Illuminated Channel Letters

Channel Letter Specifications:
Acrylic Channel Letters
Black Trim caps painted

White acrylic faces
Illumination: Agilight LED modules – Color temp 6500
Need Wall Section Detail from Architect

Color Specifications:
☐ White Acrylic #7328
■ Paint – Akzo Nobel 140 Deep Black

Specifications

Supply & Install New Illuminated Channel Letters

Channel Letter Specifications:
Acrylic Channel Letters
Black Trim caps

White acrylic faces
Illumination: Agilight LED modules – Color temp 6500
Need Wall Section Detail from Architect

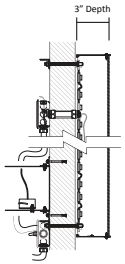
Color Specifications:
☐ White Acrylic #7328
■ Paint – Akzo Nobel 140 Deep Black

N14 Food Hall - CL36 - Channel Letters



Illuminated Individual Mount Letters
84.42 Sq. Ft.

Scale: 3/8"=1'



NTS

N15 Food Hall - CL144 - Channel Letters

Specifications

Supply & Install New Illuminated Channel Letters

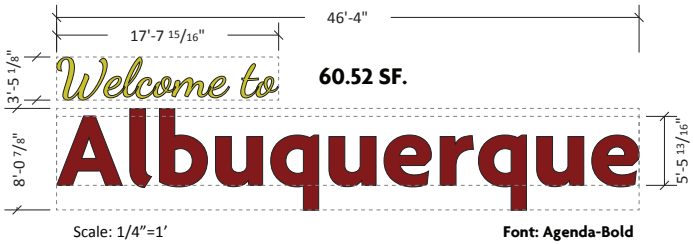
Channel Letter Specifications:

Face Lit Acrylic Channel Letters
Silver Trim caps painted Metallic Silver
Paint to match Architect Rendering

White acrylic faces with applied Vinyl
Illumination: Agilight LED modules – Color temp 6500

Need Wall Section Detail from Architect

Font: Dancing Script Bold

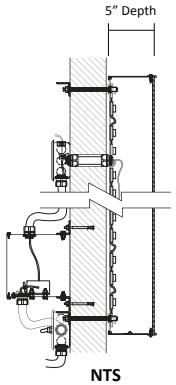


60.52 SF.

374.04 SF.

Scale: 1/4"=1'

Font: Agenda-Bold



NTS

DAVIS PARTNERSHIP ARCHITECTS
DENVER OFFICE
2901 Blake Street, Suite 100
Denver, CO 80205
303.861.8555

Consultant

PROJECT 22

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Project Information

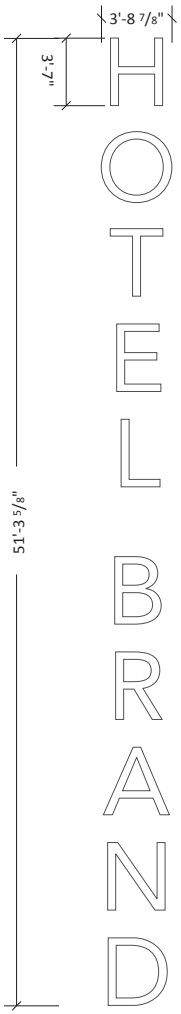
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Food Hall Signs

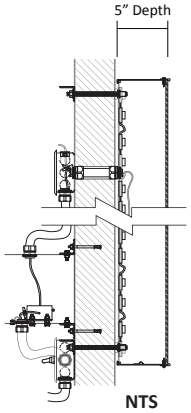
Sheet Number:
523

N16 Hotel - CL42 - Channel Letters



Scale: 3/8”=1’

191.84 SF.



NTS

Specifications

Supply & Install New Illuminated Channel Letters

Channel Letter Specifications:

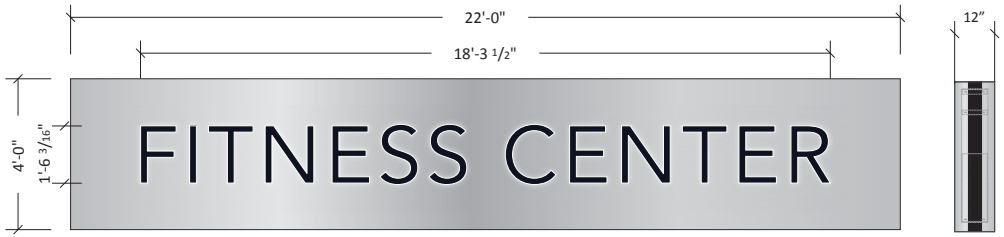
White polycarbonate Channel Letters
Trim caps painted Black

Illumination: Agilight 6500 White LED's.

Color Specifications:

☐ White polycarbonate
■ Paint – Akzo Nobel 140 Deep Black

N18 Hotel - W88 - Wall Sign



Specifications

Sign Cabinet
Cabinet and Side
Paint - Metallic Silver Mathews Paint MP19891*

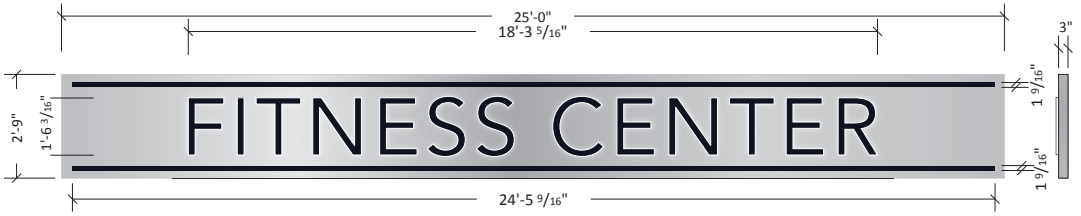
Text:
1/2" push thru halo illuminated with black matte vinyl.
match Vinyl - 3630-22 3M Matte Black

LED Illumination
Agilight LED modules – Color temp 6500 to Illuminate routed copy

Scale: 3/4”=1’

88 Sq. Ft.

N19 Fitness Center - W68 - Wall Sign



Specifications

Sign Cabinet
Cabinet and Side
Paint - Metallic Silver Mathews Paint MP19891*

Text and decoration:
1/2" push thru halo illuminated with black matte vinyl.
Vinyl - 3630-22 3M Matte Black

LED Illumination
Agilight LED modules – Color temp 6500 to Illuminate routed copy

Scale: 3/4”=1’

68.75 Sq. Ft.

DAVIS PARTNERSHIP ARCHITECTS

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303.861.8555

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PROJECT 2

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Project Information

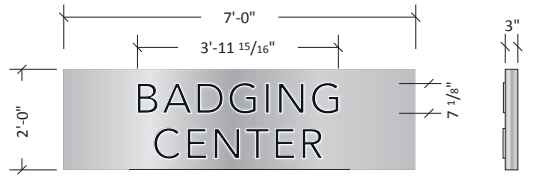
ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Hotel Signs

Sheet Number:
524

N20 Badging Center - W14 - Wall Sign



14 Sq. Ft. **Scale: 1”=1’**

Specifications

Sign Cabinet
Cabinet and Side
Paint - Metallic Silver Mathews Paint MP19891*
Paint – Akzo Nobel 140 Deep Black

Text:
1/2" acrylic push thru
with first surface solid vinyl to
match Vinyl - 3630-22 3M Matte Black

LED Illumination
Agilight LED modules – Color temp 6500 to Illuminate routed copy



136.11 Sq. Ft. **Scale: 3/4”=1’**

N25 N26 N27

Parking Garage - W136 - Wall Signs

Specifications

Sign Cabinet
Cabinet Side painted Akzo Nobel 140 Deep Black
Cabinet Face - Metallic Silver Mathews Paint MP19891*

Text:
1/2" push thru halo illuminated with black matte vinyl.
match Vinyl - 3630-22 3M Matte Black

LED Illumination
Agilight LED modules – Color temp 6500 to Illuminate routed copy

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PROJECT 22

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Project Information

ORION CENTER
SOUTHEAST CORNER OF GIBSON & GIRARD
ALBUQUERQUE, NM

Sheet Information

Sheet Title:
Additional Signs

Sheet Number:
525