

DESIGN CRITERIA

DESIGN STANDARDS: NDB AQUATIC CENTER IS FOLLOWING IDO DESIGN STANDARDS AND CP BUILDING DESIGN STANDARDS. NONE OF THESE REQUIREMENTS ARE IN CONFLICT WITH THE NORTH DOMINGO BACA MASTER PLAN STANDARDS.

PROJECT NAME: NORTH DOMINGO BACA AQUATIC CENTER (NDB AQUATIC CENTER)

PROJECT LOCATION: 7401 CARMEL AVE NE, ALBUQUERQUE, NM 87113

LEGAL DESCRIPTION: TR A PLAT OF TRACT A NORTH DOMINGO BACA PARK

PARCEL SIZE: PROJECT SITE IS A 5 ACRE PORTION OF THE LARGER 39.6511 ACRE NORTH DOMINGO BACA PARK MASTER DEVELOPMENT PLAN AREA.

ZONE/ATLAS: C-19-Z

ZONING SUMMARY: NR-PO-4 CITY OWNED OR MANAGED PUBLIC PARKS - OPEN SPACE / RECREATION / AGRICULTURAL, COMMUNITY PARK AND RELATED FACILITIES

BUILDING HEIGHT: VARIES. THE DESIGN OF THE AQUATIC CENTER HAS A SPLIT LEVEL SITE WHERE THE EAST ELEVATION MAX BUILDING HEIGHT IS 28'-4" ABOVE FINISH GRADE. WEST ELEVATION MAX BUILDING HEIGHT IS 29'-2" ABOVE FINISH GRADE. NORTH ELEVATION MAX BUILDING HEIGHT IS 45'-10" ABOVE FIRST FLOOR FINISH GRADE.

PROPOSED BUILDING AREA	51,888 NSF	56,372 GSF
MAIN BUILDING		
GROUND FLOOR	42,505 NSF	45,900 GSF
SECOND FLOOR	9,383 NSF	10,577 GSF
NORTH BUILDING	994 NSF	1,342 GSF
HYGIENE BUILDING	853 NSF	1,183 GSF
CHECK-IN BUILDING	91 NSF	159 GSF
TOTAL PROPOSED FACILITY:	57,714 NSF	
OUTDOOR POOL DECK SF:	21,958 SF	
BUILDING SERVICE ACCESS SF:	10,292 SF	

REFERENCE KEYNOTES

02 4119.E EXISTING TO REMAIN
02 4119.R03 RELOCATED ITEM

DFT SIGNATURE BLOCK

PROJECT NUMBER: PR-2023-008180
Application Number: SI-2024-00062

SHEET KEYNOTES

189 LIGHT FIXTURE.
225 PLUMBING FIXTURE.
509 SWALE.
516 WROUGHT IRON GATE. POWDER COATED BLACK.
522 FIRE LANE CONCRETE STRIPING. PAINTED RED. NO PARKING.
528 FIRE ACCESS GATE. 8" HIGH WROUGHT IRON SLIDING GATE. POWDER COATED BLACK.
537 BUILDING SIGN. ALUMINUM CHARACTERS.
575 SITE FURNISHING. INGROUND MOUNT BIKE RACK. MFG. 'TREETOP PRODUCTS PARK II BIKE RACKS. MODEL 'INGROUND MOUNT 2 - BIKE RACK BLACK' OR APPROVED EQUAL.
609 SHADE STRUCTURE. POWDER COATED BLACK.
618 CONCRETE FLATWORK. SEE CIVIL.
621 CROSSWALK.
636 INTEGRAL COLORED CONCRETE BENCH WITH 45 DEGREE CHAMFERED EDGE.
648 PLANTER. SEE SHEET L-501.
654 8'-0" HIGH, PRIVACY WALL.
657 LIGHT BOLLARD. SEE ELECTRICAL.
657 BOULDER. SEE SHEET L-501.

Is an Infrastructure List required? (X) 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.

DFT SITE DEVELOPMENT PLAN APPROVAL:

Traffic Engineering, Transportation Division	Date
ABC/WUA	Date
Parks and Recreation Department	Date
Hydrology	Date
Code Enforcement	Date
Environmental Health Department (conditional)	Date
Solid Waste Management	Date
Planning Department	Date

PARKING CALCULATIONS

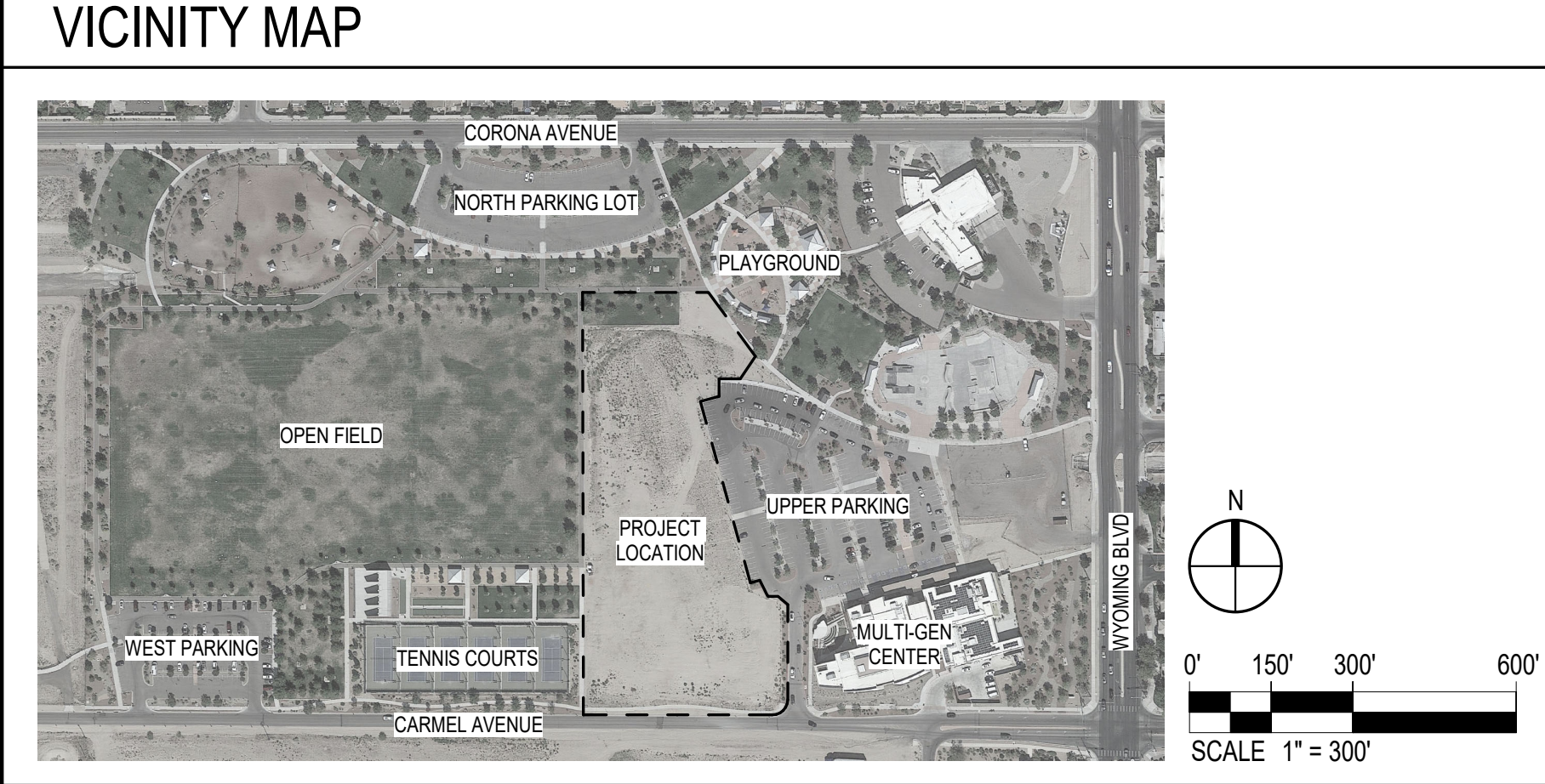
	OFF STREET PARKING TABLE
AQUATIC CENTER	
NDBP MASTER PLAN	200 SPACES REQUIRED
*ACTUAL PARKING REQUIREMENTS MAY VARY DUE TO POTENTIAL FOR SHARED PARKING (NDBP MASTER PLAN FIG 14) AND PARK USES THAT ARE NOT BUILT.	
IDO TABLE 5-5-2 (SWIMMING POOL)	DESIGN CAPACITY 850 SEATS = 283 REQUIRED SPACES
1 SPACE/3 PERSON DESIGN CAPACITY	8 SPACES / 2 VAN ACCESSIBLE * SECTION 2-NMBC TABLE 1106.1 (8 PROVIDED) / 2 VAN ACCESSIBLE) ACCESSIBLE PARKING SPACE TABLE
REQUIRED ACCESSIBLE PARKING	283 spaces
TOTAL REQUIRED PARKING	78 spaces
TOTAL PROVIDED NEW PARKING	78 spaces
TOTAL REQUIRED MOTORCYCLE PARKING	5 SPACES (6 PROVIDED)
TOTAL REQUIRED BICYCLE PARKING	28 SPACES (28 PROVIDED)
ENTIRE PARK	
NDBP MASTER PLAN	720 SPACES REQUIRED
IDO TABLE 5-5-2 MINIMUM OFF-STREET PARKING REQUIREMENTS	633 SPACES REQUIRED
TOTAL SPACES PROVIDED (WITH NEW AQUATIC CENTER)	*706 SPACES PROVIDED

NOTE: ALL ON-SITE PARKING IS SHARED BETWEEN ALL PARK USES AS OUTLINED IN THE NORTH DOMINGO BACA PARK MASTER PLAN. PARKING LOTS/SPACES ARE NOT PROVIDED FOR THE USE AND CONVENIENCE OF SPECIFIC INDIVIDUAL PROGRAMMED USES.

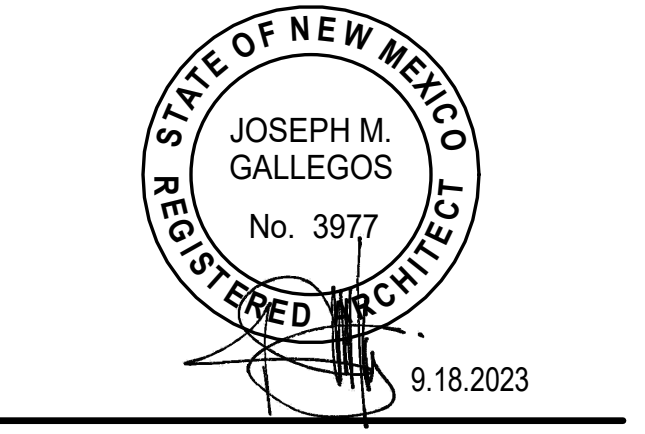
*THE PARKING PROVIDED WAS REDUCED TO MEET SOLID WASTE AND THE ABC/WUA REQUIREMENTS. ADDITIONAL ON-STREET PARKING IS PROVIDED ALONG CARMEL AVENUE TO ADDRESS THESE CHANGES.

LEGEND

EXISTING	MAIN AQUATIC CENTER BUILDING	NEW SIDEWALK
NEW	OUTDOOR POOL BUILDING	CRUSHER FINES
PROPERTY LINE		



HUITT ZOLLARS
6501 Americas Parkway NE, Suite 830
Albuquerque, New Mexico 87110-5375
505.883.8114
www.huittzollars.com



NORTH DOMINGO BACA AQUATIC CENTER PHASE 1

7401 Carmel Ave. NE
Albuquerque, NM 87113

City of Albuquerque
1801 4th St. NW, Albuquerque, NM, 87102
CITY PROJECT NO.: 705286
PROJECT NO.: R312254.01
DRAWN BY: STAFF
REVIEWED BY: STAFF
APPROVED BY: STAFF
ISSUE DRAWING LOG:

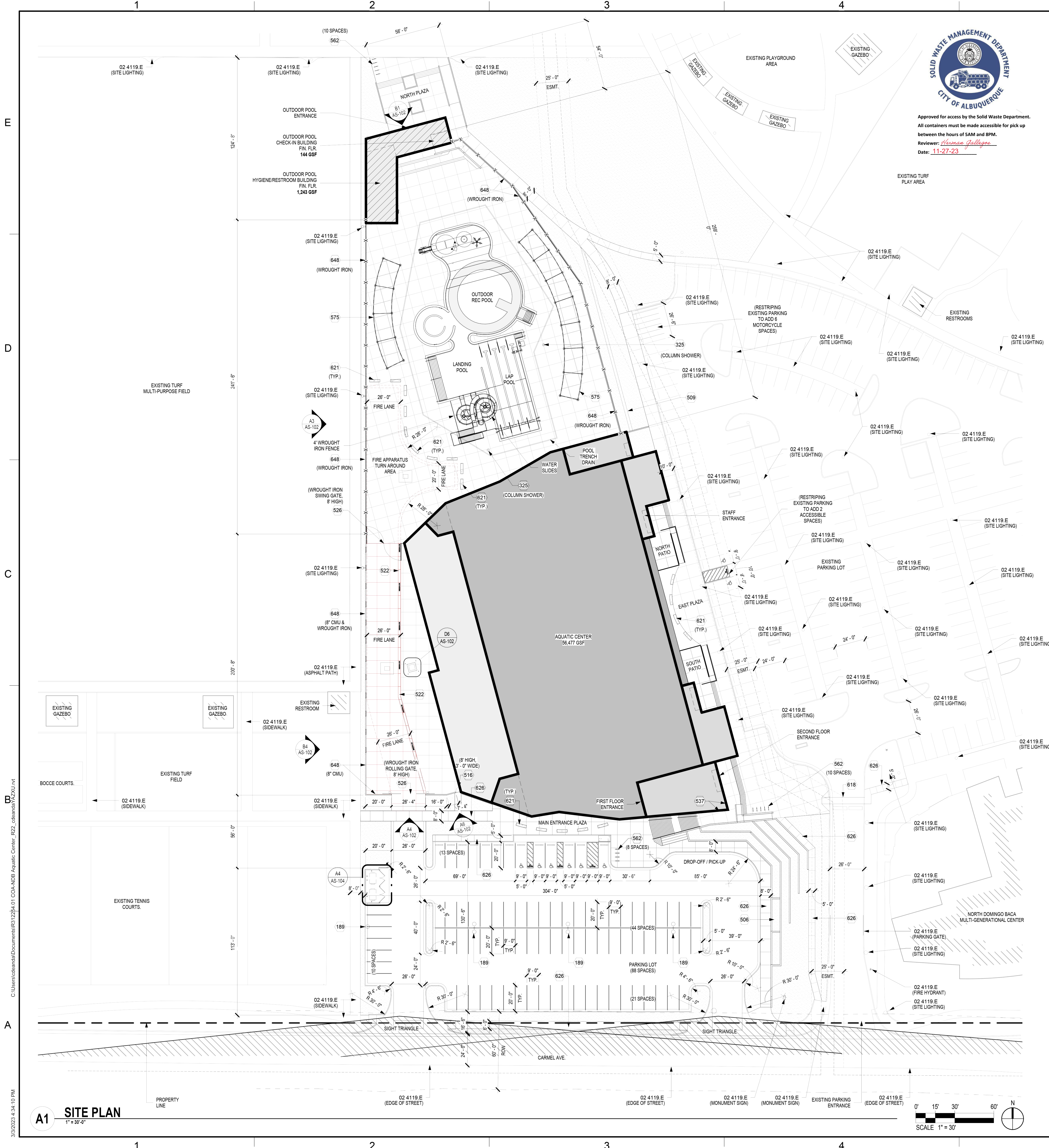
MARK	DATE	DESCRIPTION
8	01/22/2024	PHASE 1 ADDENDUM 1
7	01/22/2024	PHASE 1 PERMIT SET REV 2
6	10/13/2023	PHASE 1 PERMIT SET REV 1
5	09/18/2023	PHASE 1 100% CD'S
4	08/21/2023	PHASE 1 95% CD'S
3	07/07/2023	PHASE 0 BID DOCUMENTS
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN


SITE PLAN - EPC

AS-101
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A1 SITE PLAN
1" = 30'-0"

12/26/2024 10:40:22 AM C:\Users\cedemah\Documents\R312254.01\CD\NDB Aquatic Center_R02_cedemah\AS-101.dwg




SOLID WASTE MANAGEMENT DEPARTMENT
CITY OF ALBUQUERQUE
 Approved for access by the Solid Waste Department.
 All containers must be made accessible for pick up
 between the hours of 5AM and 8PM.
 Reviewer: *Herman Gallegos*
 Date: 11-27-23

DESIGN CRITERIA

DESIGN STANDARDS:	NDB AQUATIC CENTER IS FOLLOWING IDO DESIGN STANDARDS AND CP BUILDING DESIGN STANDARDS. NONE OF THESE REQUIREMENTS ARE IN CONFLICT WITH THE NORTH DOMINGO BACA MASTER PLAN STANDARDS.									
PROJECT NAME:	NORTH DOMINGO BACA AQUATIC CENTER (NDB AQUATIC CENTER)									
PROJECT LOCATION:	7521 CARMEL AVE NE, ALBUQUERQUE, NM 87113									
LEGAL DESCRIPTION:	TR A PLAT OF TRACT A NORTH DOMINGO BACA PARK									
PARCEL SIZE:	PROJECT SITE IS A 5 ACRE PORTION OF THE LARGER 39.6511 ACRE NORTH DOMINGO BACA PARK MASTER DEVELOPMENT PLAN AREA									
ZONE/ATLAS:	C-19-Z									
ZONING SUMMARY:	NR-PO-4 CITY OWNED OR MANAGED PUBLIC PARKS - OPEN SPACE / RECREATION / AGRICULTURAL, COMMUNITY PARK AND RELATED FACILITIES									
BUILDING HEIGHT:	VARIABLE. THE DESIGN OF THE AQUATIC CENTER HAS A SPLIT LEVEL SITE WHERE THE EAST ELEVATION MAX BUILDING HEIGHT IS 28'-4" ABOVE FINISH GRADE. WEST ELEVATION MAX BUILDING HEIGHT IS 28'-2" ABOVE FINISH GRADE. NORTH ELEVATION MAX BUILDING HEIGHT 45'-10" ABOVE FIRST FLOOR FINISH GRADE.									
PROPOSED BUILDING AREA:	<table border="0"> <tr> <td>MAIN BUILDING</td> <td>61,778 NSF</td> <td>66,477 GSF</td> </tr> <tr> <td>GROUND FLOOR</td> <td>42,664 NSF</td> <td>45,900 GSF</td> </tr> <tr> <td>SECOND FLOOR</td> <td>8,924 NSF</td> <td>10,577 GSF</td> </tr> </table>	MAIN BUILDING	61,778 NSF	66,477 GSF	GROUND FLOOR	42,664 NSF	45,900 GSF	SECOND FLOOR	8,924 NSF	10,577 GSF
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	<table border="0"> <tr> <td>NORTH BUILDING</td> <td>994 NSF</td> <td>1,387 GSF</td> </tr> <tr> <td>(HYGIENE BUILDING)</td> <td>853 NSF</td> <td>1,243 GSF</td> </tr> <tr> <td>(CHECK-IN BUILDING)</td> <td>91 NSF</td> <td>144 GSF</td> </tr> </table>	NORTH BUILDING	994 NSF	1,387 GSF	(HYGIENE BUILDING)	853 NSF	1,243 GSF	(CHECK-IN BUILDING)	91 NSF	144 GSF
NORTH BUILDING	994 NSF	1,387 GSF								
(HYGIENE BUILDING)	853 NSF	1,243 GSF								
(CHECK-IN BUILDING)	91 NSF	144 GSF								
TOTAL PROPOSED FACILITY:	67,864 GSF									
OUTDOOR POOL DECK SF:	41,144 SF									
BUILDING SERVICE ACCESS SF:	10,292 SF									

REFERENCE KEYNOTES

02 4119.E EXISTING TO REMAIN

EPC SIGNATURE BLOCK

PROJECT NUMBER:	PR-2023-008180
Application Number:	SI-2024-00062
This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated April 20, 2023, and the Findings and Conditions in the Official Notification of Decision are satisfied.	
Is an Infrastructure List required? (X) 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.	
DFT SITE DEVELOPMENT PLAN APPROVAL:	
Traffic Engineering, Transportation Division	Date
ABC/WUA	Date
Parks and Recreation Department	Date
Hydrology	Date
Code Enforcement	Date
Environmental Health Department (conditional)	Date
Herman Gallegos <i>Herman Gallegos</i>	11-27-23
Solid Waste Management	Date
Planning Department	Date

SHEET KEYNOTES

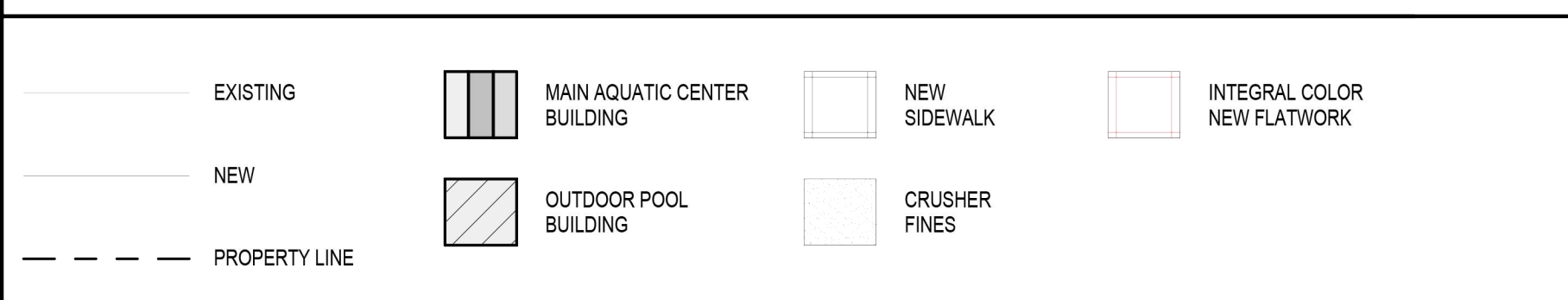
- 189 LIGHT FIXTURE.
- 205 PLUMBING FIXTURE.
- 506 TERRACED LANDSCAPING: CMU RETAINING WALLS.
- 509 SWALE.
- 516 WROUGHT IRON GATE.
- 522 FIRE LANE CONCRETE STRIPING. PAINTED RED. NO PARKING.
- 537 FIRE ACCESS GATE.
- 526 BUILDING SIGN, ALUMINUM CHARACTERS.
- 537 BIKE RACK, SURFACE MOUNTED.
- 562 SHADE STRUCTURE, PAINTED BLACK.
- 575 CROSSWALK.
- 618 INTEGRAL COLORED CONCRETE BENCH WITH 45 DEGREE CHAMFERED EDGE. CONTROL JOINTS TO BE PLACED AT 4' O.C. (COLOR BY ARCHITECT).
- 626 CONCRETE SIDEWALK.
- 648 9'-0" HIGH PRIVACY WALL.

PARKING CALCULATIONS

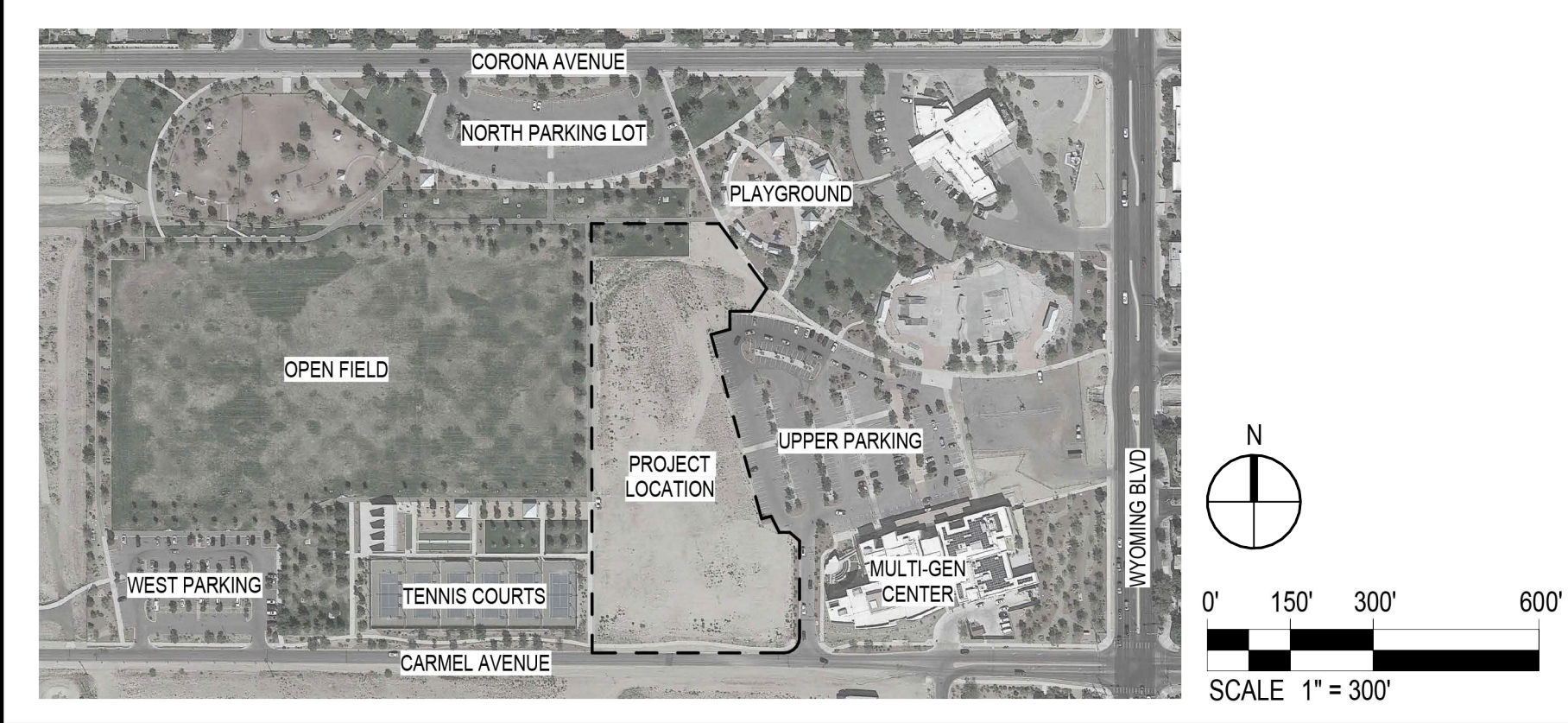
AQUATIC CENTER	OFF STREET PARKING TABLE
NDBP MASTER PLAN	200 SPACES REQUIRED
*ACTUAL PARKING REQUIREMENTS MAY VARY DUE TO POTENTIAL FOR SHARED PARKING (NDBP MASTER PLAN PG 14) AND PARK USES THAT ARE NOT BUILT.	
IDO TABLE 5-5-2 (SWIMMING POOL)	DESIGN CAPACITY 650 SEATS = 283 REQUIRED SPACES
1 SPACE/3 PERSON DESIGN CAPACITY	8 SPACES / 2 VAN ACCESSIBLE * SECTION 2-NMBC TABLE 1106.1
REQUIRED ACCESSIBLE PARKING	(8 PROVIDED / 2 VAN ACCESSIBLE) ACCESSIBLE PARKING SPACE TABLE
TOTAL REQUIRED PARKING	283 spaces
TOTAL PROVIDED NEW PARKING	90 spaces
TOTAL REQUIRED MOTORCYCLE PARKING	5 SPACES (6 PROVIDED)
TOTAL REQUIRED BICYCLE PARKING	28 SPACES (28 PROVIDED)
ENTIRE PARK	
NDBP MASTER PLAN	720 SPACES REQUIRED
IDO TABLE 5-5-2 MINIMUM OFF-STREET PARKING REQUIREMENTS	633 SPACES REQUIRED
TOTAL SPACES PROVIDED (WITH NEW AQUATIC CENTER)	720 SPACES PROVIDED

NOTE: ALL ON-SITE PARKING IS SHARED BETWEEN ALL PARK USES AS OUTLINED IN THE NORTH DOMINGO BACA PARK MASTER PLAN. PARKING LOTS/SPACES ARE NOT PROVIDED FOR THE USE AND CONVENIENCE OF SPECIFIC INDIVIDUAL PROGRAMMED USES.

LEGEND




VICINITY MAP



HUITT-ZOLIARS
 6501 AMERICAS PARKWAY NE, SUITE 830
 ALBUQUERQUE, NM 87110
 505.853.8114
 www.huitt-zollars.com

ADVANCEDESIGN™


 JOSEPH M. GALLEGOS
 No. 3977
 12.13.2023


ONE ALBUQUE parks & recreation

NORTH DOMINGO BACA AQUATIC CENTER

7521 Carmel Ave. NE
 Albuquerque, NM 87113

City of Albuquerque
 1801 4th St. NW, Albuquerque, NM, 87102
 CITY PROJECT NO.: 705286
 PROJECT NO.: R312254.01
 DRAWN BY: STAFF
 REVIEWED BY: STAFF
 APPROVED BY: STAFF
 ISSUE DRAWING LOG:

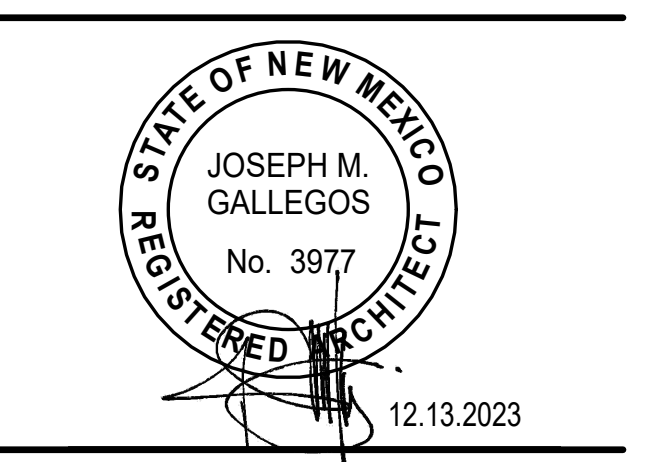
MARK	DATE	DESCRIPTION
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

SITE PLAN - EPC

AS-101
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SHEET KEYNOTES

- 183 ELECTRICAL EQUIPMENT.
- 515 LANDSCAPING.
- 516 WROUGHT IRON GATE.
- 519 2" CMU SLOPED CAP.
- 520 6" DIA. CONCRETE FILLED BOLLARD WITH SLEEVE COLORED "SAFETY YELLOW".
- 522 FIRE LANE CONCRETE STRIPING. PAINTED RED. NO PARKING.
- 526 FIRE ACCESS GATE.
- 567 CROWN CONCRETE AT TOP OF BOLLARD. GRIND PIPE EDGES SMOOTH.
- 596 6'-0" HIGH PRIVACY WALL. 8" CMU. REFLECTIVE TAPE.
- 607 3-#5 CONT.
- 608 #4 TRANSVERSE @ 48" O.C.
- 609 CONCRETE FLATWORK. SEE SHEET C-101.
- 610 GROUT ALL CELLS BELOW GRADE SOLID.
- 611 8" CMU WITH #5 VERTICAL @ 32" O.C. & #5 IN BOND BEAM @ 48" O.C.
- 612 HORIZONTAL GROUT ALL REINFORCED CELLS SOLID.
- 620 #5 DIALS @ 32" O.C.
- 621 JOINT FILLER.
- 622 INTEGRAL COLORED CONCRETE BENCH WITH 45 DEGREE CHAMFERED EDGE. CONTROL JOINTS TO BE PLACED AT 4' O.C. (COLOR BY ARCHITECT).
- 639 #4 VERTICAL REBAR @ 18" O.C. W/STD. HOOKS.
- 648 #4 @ 12" O.C. HORIZONTAL. 6'-0" HIGH PRIVACY WALL.



NORTH DOMINGO BACA AQUATIC CENTER

7521 Carmel Ave. NE
 Albuquerque, NM 87113

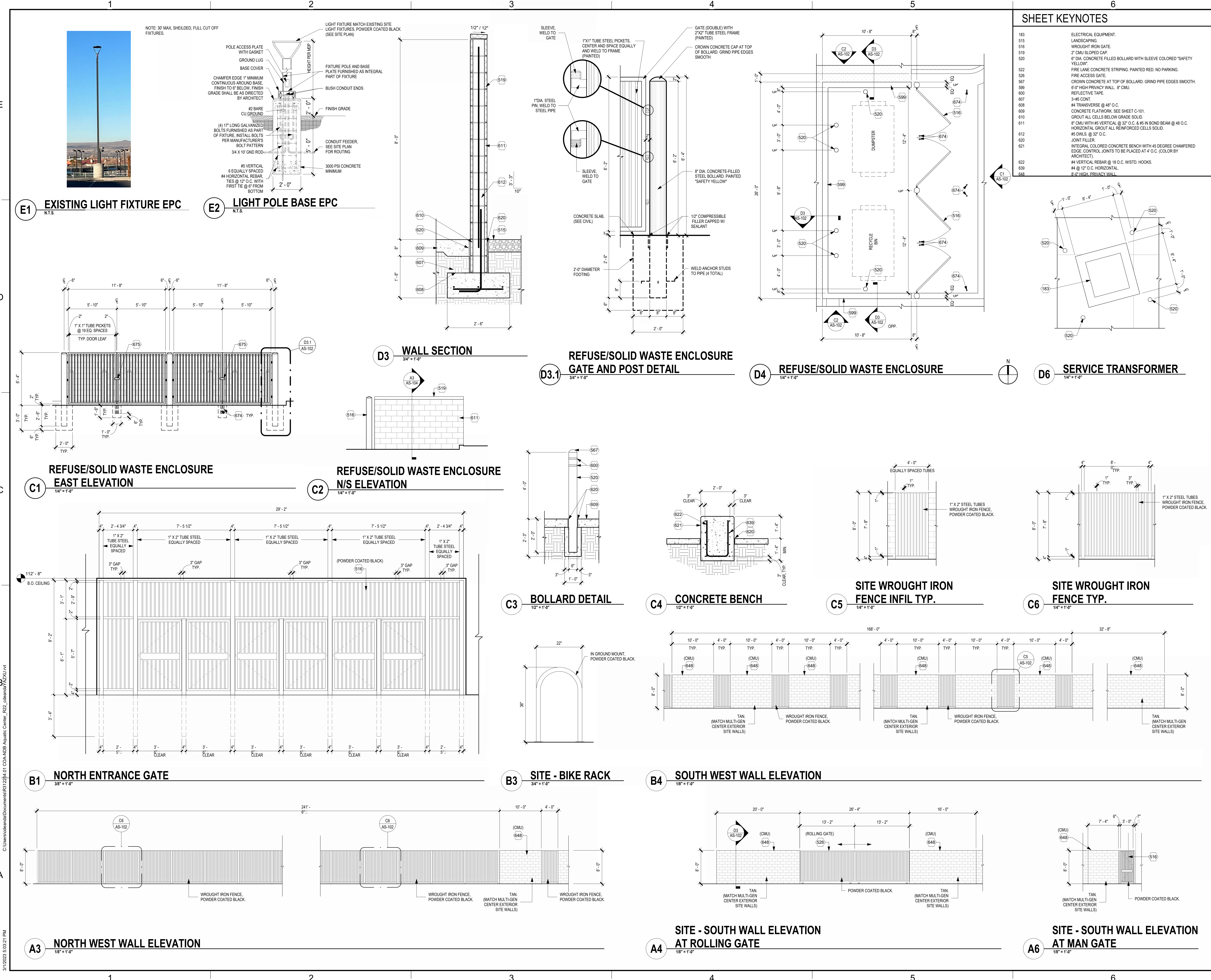
City of Albuquerque
 1801 4th St. NW, Albuquerque, NM, 87102
 CITY PROJECT NO.: 705286
 PROJECT NO.: R312254.01
 DRAWN BY: STAFF
 REVIEWED BY: STAFF
 APPROVED BY: STAFF

ISSUE DRAWING LOG:

MARK	DATE	DESCRIPTION
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

SITE PLAN DETAILS EPC

AS-102



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GENERAL LANDSCAPE NOTES

LANDSCAPE DESIGN
ALL PLANTING AREAS SHALL BE TOP DRESSED WITH MULCHES AS DEFINED IN THE LEGEND AT RIGHT.

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 GROUND COVER 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 (3) .50 GPM BUBBLERS WITH THE ABILITY TO BE EXPANDED TO ACCOMMODATE THE GROWTH OF THE TREE. SHRUBS AND GROUNDCOVERS WILL BE PROVIDED WITH (1) .25 GPM BUBBLERS. TREES, SHRUBS, ACCENTS, AND GROUNDCOVERS WILL BE GROUPED ON THE SAME VALVE. THE IRRIGATION SYSTEM WILL BE DESIGNED IN ACCORDANCE WITH CITY OF ALBUQUERQUE DETAILS AND SPECIFICATIONS.

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

METHOD FOR COMPLYING WITH WATER CONSERVATION ORDINANCE
THE LANDSCAPE PLAN SHALL LIMIT THE PROVISION OF HIGH WATER USE TURF TO A MAXIMUM OF 10 PERCENT OF THE REQUIRED LANDSCAPED AREA. 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. AN EVAPOTRANSPIRATION MANAGEMENT CONTROLLER WILL BE INCLUDED IN THE DESIGN OF THE IRRIGATION SYSTEM TO MONITOR WEATHER CONDITIONS SO THAT THE OPTIMUM MOISTURE BALANCE IS ACHIEVED AND THE POSSIBILITY OF OVER-WATERING IS REDUCED.

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 FIVE FEET ON THE REMAINING THREE SIDES SURROUNDING ALL GROUND-MOUNTED EQUIPMENT FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.

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 THE AREA.

LANDSCAPE AREA COVERAGE

TOTAL SITE AREA:	212,090 SF (4.87 AC)
BUILDING AREA (BUILDING ENVELOPE):	-54,122 SF
SCREENED STORAGE AREA:	-9,282 SF
NET AREA:	148,686 SF
REQUIRED LANDSCAPE AREA (15% OF NET AREA):	22,303 SF
PROVIDED LANDSCAPE AREA:	46,510 SF (31%)

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.

PROVIDED COVERAGE:	58,062 SF (125% OF LANDSCAPE AREA)
PROVIDED GROUND-LEVEL COVERAGE:	12,071 SF (26% OF LANDSCAPE AREA)

LANDSCAPE TURF
NO MORE THAN 10% OF REQUIRED LANDSCAPE AREAS SHALL BE TURF GRASS SPECIES REQUIRING IRRIGATION FOR SURVIVAL AFTER THE FIRST 2 GROWING SEASONS. NO TURF GRASS IS USED.

PARKING LOT AREA
AT LEAST 10% OF THE PARKING LOT AREA OF LOTS CONTAINING 50 OR FEWER SPACES, AND AT LEAST 15% OF THE PARKING LOT AREA OF LOTS CONTAINING 50 OR MORE SPACES, SHALL BE LANDSCAPED.

NDB AQUATIC CENTER IS PROVIDING 90 PARKING SPACES.

TOTAL PARKING LOT AREA:	34,502 SF
LANDSCAPE AREA REQUIRED:	5,176 SF
LANDSCAPE AREA PROVIDED:	5,509 SF (16% OF PARKING LOT AREA)

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

ADDITIONAL PARKING PROVIDED AS PART OF THE NDB AQUATIC CENTER IS 90 PARKING SPACES.

PARKING LOT TREES REQUIRED:	9
PARKING LOT TREES PROVIDED:	14

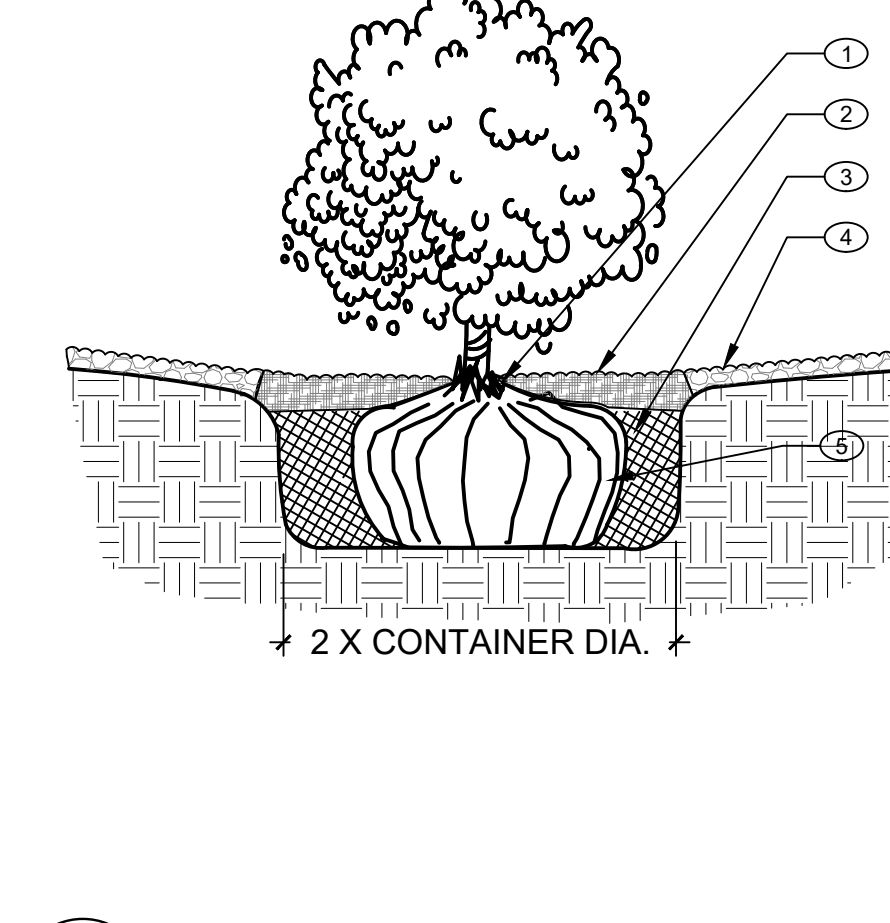
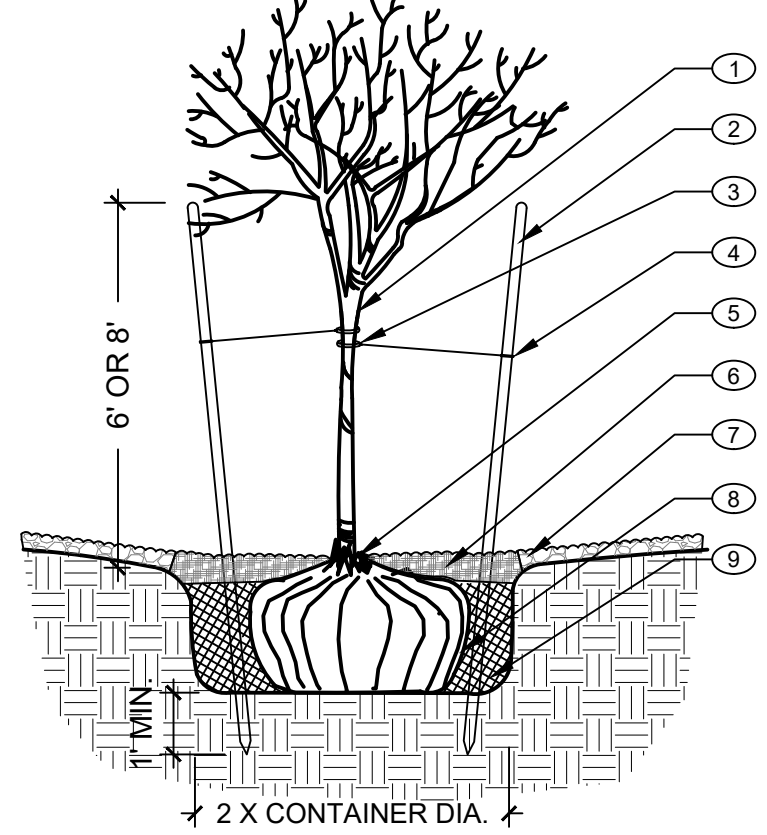
STREET TREES
CARMEL AVENUE REQUIRES STREET TREES. STREET TREE REQUIREMENTS ARE BASED ON AN AVERAGE SPACING OF 25' O.C.

CARMEL AVENUE FRONTAGE IS 315'.

STREET TREES REQUIRED:	13
STREET TREES PROVIDED:	13 (6 PROVIDED IN ADJACENT LANDSCAPE)

- STRESS POINT OF TREE
- 8" OR 10" LODGEPOLE STAKES DRIVEN AT ANGLE (8° FOR MULTI OR CANOPY, 10° FOR TALL COLUMNAR)
- 5/8" BLACK POLY TUBING, 12"-15" LONG MIN., NOTCH BACKSIDE OF POLY TUBING
- #10 PLASTIC COATED GUYWIRE - (WRAP TWICE AROUND STAKE)
- PLANT TREE ROOT COLLAR 1"-2" ABOVE FINISH GRADE
- WATER RETENTION BASIN - 3" DEPTH SHREDDED ORGANIC MULCH. THE WATER RETENTION BASIN SHALL BE TWICE THE PLANTING PIT DIAMETER. THE EDGES OF THE WATER RETENTION BASIN SHALL BE SMOOTHLY FORMED WITH NO OBTRUSIVE EDGES
- 3" LAYER OF ROCK MULCH - SEE PLANTING PLAN
- ROOTBALL WITH REMOVE ROPE AND BURLAP AFTER PLANTING
- SPECIFIED PLANTING MIX - WATER AND TAMP TO REMOVE AIR POCKETS

- PLANT TREE ROOT COLLAR 1"-2" ABOVE FINISH GRADE
- WATER RETENTION BASIN - 3" LAYER OF SHREDDED ORGANIC MULCH. THE WATER RETENTION BASIN SHALL BE TWICE THE PLANTING PIT DIAMETER. THE EDGES OF THE WATER RETENTION BASIN SHALL BE SMOOTHLY FORMED WITH NO OBTRUSIVE EDGES
- SPECIFIED PLANTING MIX - WATER AND TAMP TO REMOVE AIR POCKETS
- 3" LAYER OF ROCK MULCH - SEE PLANTING PLAN
- ROOTBALL

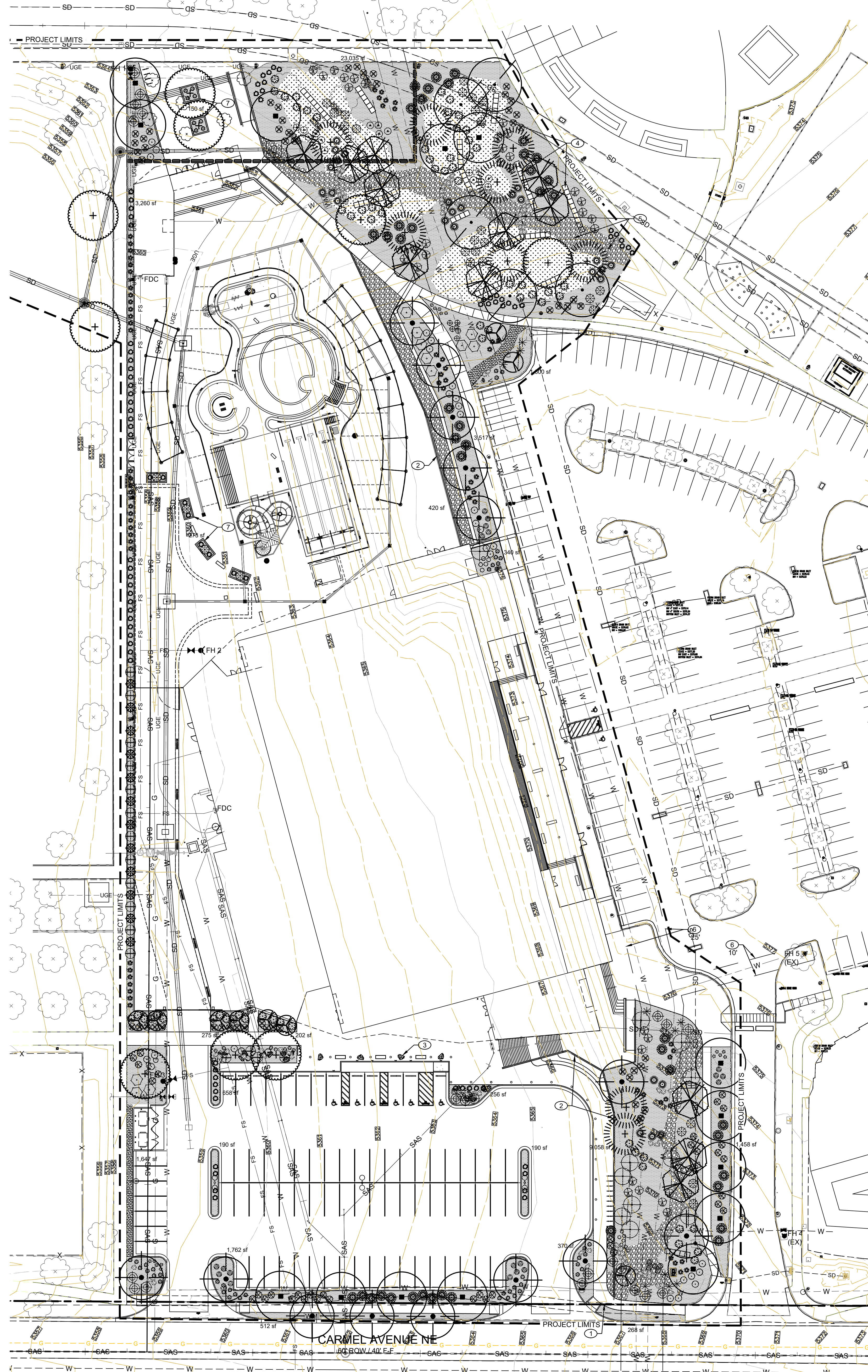


TREE PLANTING

SCALE: N.T.S.

SHRUB PLANTING

SCALE: N.T.S.



PLANT LEGEND

QTY.	SYMBOL	SCIENTIFIC NAME COMMON NAME (WATER USE)	SIZE	MATURE SIZE
EXISTING TREES TO REMAIN				
14	(Symbol)	CELTIS RETICULATA NETLEAF HACKBERRY (L+)	2.5' B&B	25' HT. X 25' SPR.
9	(Symbol)	CERCIS RENIFORMIS OKLAHOMA REDBUD (M)	2.5' B&B	15' HT. X 12' SPR.
12	(Symbol)	CHILOPSIS LINEARIS DESERT WILLOW (L+)	2.5' B&B	20' HT. X 25' SPR.
5	(Symbol)	QUERCUS TEXANA SYN BUCKLEYI TEXAS RED OAK (M)	2.5' B&B	40' HT. X 40' SPR.
9	(Symbol)	PINUS NIGRA AUSTRIAN PINE (M+)	8' HT. B&B	35' HT. X 25' SPR.
14	(Symbol)	PISTACIA CHINENSIS CHINESE PISTACHE (M)	2.5' B&B	40' HT. X 30' SPR.
10	(Symbol)	ULMUS CARPINIFOLIA X PARVIFOLIA FRONTIER ELM (M)	2.5' B&B	35' HT. X 30' SPR.
SHRUBS & GROUNDCOVERS				
10	(Symbol)	ACHILLEA TAYGETEA 'MOONSHINE' MOONSHINE YARROW (M)	3-GAL.	2' HT. X 2' SPR.
53	(Symbol)	Buddleia D. NANHOENSIS COMPACT BUTTERFLY BUSH (M)	5-GAL.	4' HT. X 4' SPR.
35	(Symbol)	CARYOPTERIS CLANDONENSIS BLUE MIST SPIREA (M)	5-GAL.	3' HT. X 4' SPR.
24	(Symbol)	CENTRANTHUS RUBER COCCINEUS RED VALERIAN 'JUPITER'S BEARD' (M)	5-GAL.	3' HT. X 3' SPR.
33	(Symbol)	FALLUGIA PARADOXA APACHE PLUME (L)	5-GAL.	5' HT. X 5' SPR.
43	(Symbol)	JUNIPERUS SCOPULORUM 'SKYROCKET' ROCKY MOUNTAIN JUNIPER (L+)	15-GAL.	15' HT. X 4' SPR.
12	(Symbol)	LAVANDULA X INTERMEDIA 'GROSSO' LAVENDER 'GROSSO' (L+)	3-GAL.	2' HT. X 2' SPR.
11	(Symbol)	LAGERSTROMIA INDICA 'DYNAMITE' DYNAMITE GRAPE MYRTLE (L+)	15-GAL.	12' HT. X 8' SPR.
8	(Symbol)	NEPETA 'SIX HILLS GIANT' CATMINT 'SIX HILLS GIANT' (L+)	3-GAL.	2' HT. X 2' SPR.
5	(Symbol)	PEROVSKIA ATRIPLICIFOLIA RUSSIAN SAGE 'LITTLE SPIRE' (L)	3-GAL.	2' HT. X 2' SPR.
30	(Symbol)	POTENTILLA FRUTICOSA SHRUBBY CINQUEFOIL (M)	3-GAL.	3' HT. X 4' SPR.
44	(Symbol)	PINUS MUGO DWARF MUGO PINE (L)	5-GAL.	4' HT. X 6' SPR.
16	(Symbol)	PRUNUS GLANDULOSA ROSEA PINK FLOWERING ALMOND (M)	5-GAL.	3' HT. X 4' SPR.
11	(Symbol)	RHUS AROMATICA 'GROW LOW' GROW-LOW SUMAC (L)	5-GAL.	2' HT. X 7' SPR.
21	(Symbol)	RHUS TRILOBATA 'AUTUMN AMBER' PROSTRATE SUMAC (L+)	5-GAL.	2' HT. X 6' SPR.
19	(Symbol)	RHUS TRILOBATA 'THREE-LEAF' THREE-LEAF SUMAC (L)	5-GAL.	4' HT. X 4' SPR.
5	(Symbol)	SALVIA GREGGII CHERRY SAGE (L+)	3-GAL.	3' HT. X 3' SPR.
DESERT ACCENTS				
26	(Symbol)	DASYLIRON WHEELERI BLUE SOTOL (RW)	5-GAL.	5' HT. X 5' SPR.
10	(Symbol)	HESPERALOE PARVIFLORA 'RED' RED YUCCA (L)	3-GAL.	3' HT. X 3' SPR.
ORNAMENTAL GRASSES				
51	(Symbol)	BOUTELLOA GRACILIS BLONDE AMBITION GRASS (L)	3-GAL.	3' HT. X 3' SPR.
84	(Symbol)	CALAMAGROSTIS X ACUTIFLORA KARL FOERSTER GRASS (M)	3-GAL.	4' HT. X 3' SPR.
68	(Symbol)	MUHLENBERGIA CAPILLARIS PINK MUHLY (L+)	3-GAL.	3' HT. X 3' SPR.
66	(Symbol)	NOLINA MICROCARPA BEARGRASS (L)	5-GAL.	5' HT. X 5' SPR.

REVEGETATIVE SEEDING - AREAS SHALL BE REVEGETATED BY HYDROMULCH APPLICATION PER CITY STANDARD SPECIFICATION SECTION 1013-MISCELLANEOUS SEEDING, GRAVELLY UPLANDS AND SLOPES.

LANDSCAPE BOULDERS AND GRAVEL MULCH

- LANDSCAPE BOULDER. DESERT DRIFTWOOD, VARIOUS SIZES - 2'x2'x2' TO 3'x3'x3'
- 2"-4" BLUE SAIS COBBLE (6" DEPTH OVER DE WITT PRO-5 WEED CONTROL FABRIC)
- AMARETTO CRUSHER FINES (3" DEPTH), WET AND ROLL TO COMPACT.
- 1" PUEBLO ROSE ROCK MULCH (3" DEPTH OVER DE WITT PRO-5 WEED CONTROL FABRIC)
- GABION BASKETS W/6"-8" BLUE SAIS COBBLE MULCH

KEY NOTES:

- R.O.W. LINE
- RETAINING WALL, SEE CIVIL PLANS
- BOULDERS IMBEDDED IN CONCRETE, TYP.
- GABION BASKETS, TYP.
- COBBLE-LINED DRAINAGE SWALE WITH BOULDER CHECK DAMS TO HARVEST STORMWATER.
- WATERLINE EASEMENT.
- RAISED CONCRETE PLANTER, TYP.

HUIT ZOLLARS
6501 Americas Parkway NE, Suite 830
Albuquerque, New Mexico 87110-5375
505.883.8114
www.huit-zollars.com

CHRISTOPHER J. GREEN
LANDSCAPE ARCHITECT
1-23-2024

ONE ALBUQUE park & recreation
RUE

NORTH DOMINGO BACA AQUATIC CENTER PHASE 1

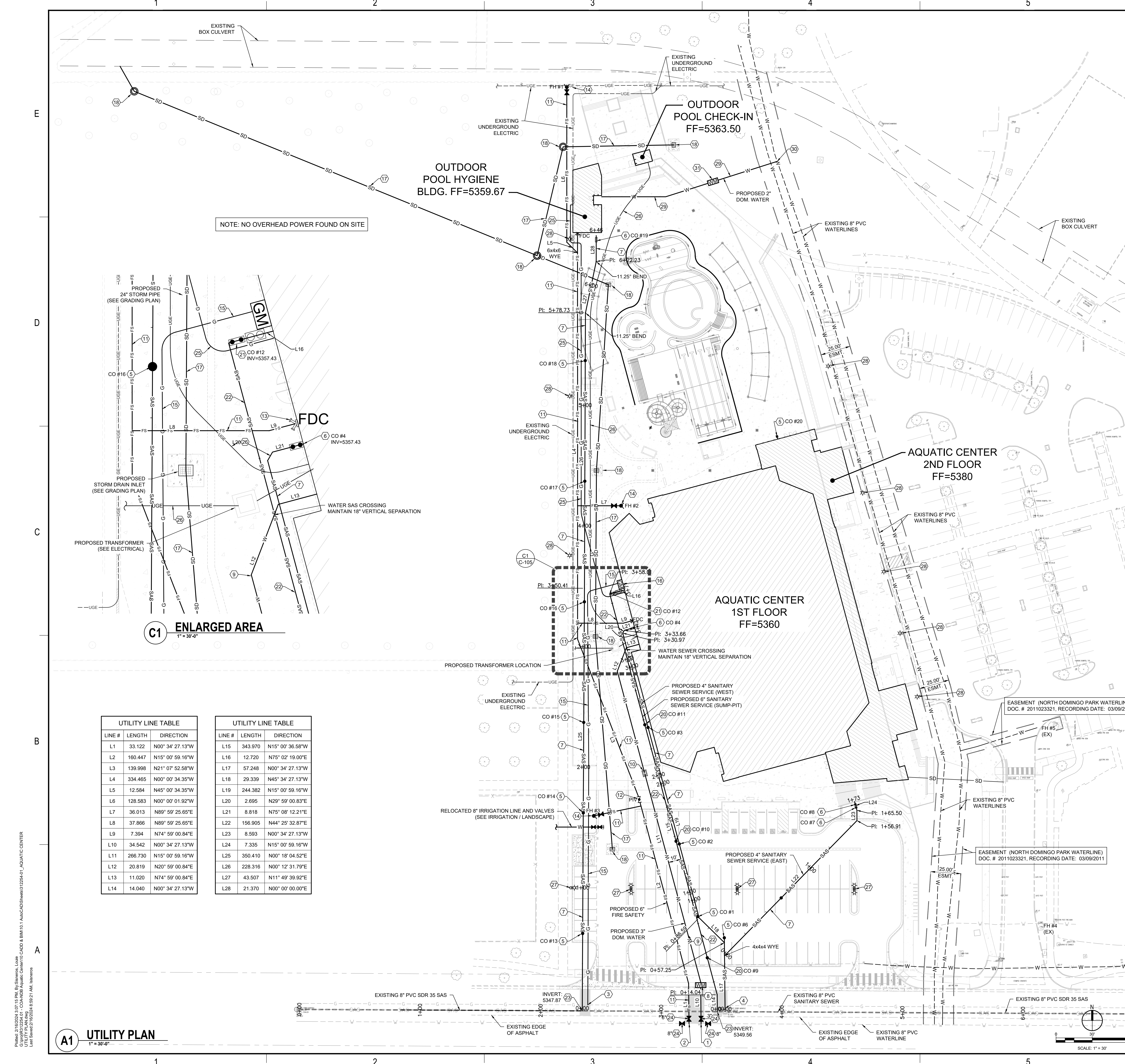
7401 Carmel Ave. NE
Albuquerque, NM 87113

City of Albuquerque
1801 4th St. NW, Albuquerque, NM, 87102
CITY PROJECT NO.: 705286
PROJECT NO.: R312254.01
DRAWN BY: STAFF
REVIEWED BY: STAFF
APPROVED BY: STAFF
ISSUE DRAWING LOG:

SITE PLAN - EPC LANDSCAPE PLAN

L-100

Scale 1" = 30'
NORTH
15 0 30 60
CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
302 Eighth Street NW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495



NOTE: NO OVERHEAD POWER FOUND ON SITE

C1 ENLARGED AREA
1" = 30'-0"

LINE #	LENGTH	DIRECTION
L1	33.122	N00° 34' 27.13"W
L2	160.447	N15° 00' 59.16"W
L3	139.998	N21° 07' 52.58"W
L4	334.465	N00° 00' 34.35"W
L5	12.584	N45° 00' 34.35"W
L6	128.583	N00° 00' 01.92"W
L7	36.013	N89° 59' 25.65"E
L8	37.866	N89° 59' 25.65"E
L9	7.394	N74° 59' 00.84"E
L10	34.542	N00° 34' 27.13"W
L11	266.730	N15° 00' 59.16"W
L12	20.819	N20° 59' 00.84"E
L13	11.020	N74° 59' 00.84"E
L14	14.040	N00° 34' 27.13"W

LINE #	LENGTH	DIRECTION
L15	343.970	N15° 00' 36.58"W
L16	12.720	N75° 02' 19.00"E
L17	57.248	N00° 34' 27.13"W
L18	29.339	N45° 34' 27.13"W
L19	244.382	N15° 00' 59.16"W
L20	2.695	N29° 59' 00.83"E
L21	8.818	N75° 08' 12.21"E
L22	156.905	N44° 25' 32.87"E
L23	8.593	N00° 34' 27.13"W
L24	7.335	N15° 00' 59.16"W
L25	350.410	N00° 18' 04.52"E
L26	228.316	N00° 12' 31.79"E
L27	43.507	N11° 49' 39.92"E
L28	21.370	N00° 00' 00.00"E

A1 UTILITY PLAN
1" = 30'-0"

GENERAL SHEET NOTES

- CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES
- CONTRACTOR TO PROVIDE EXTRA CARE WHEN TRENCHING OR EXCAVATING DUE TO BURIED UTILITY
- FOR SEWER SERVICE PROFILES, SEE SHEET C-107
- EXISTING UNDERGROUND UTILITIES SHOWN WERE DERIVED FROM EXISTING AS-BUILT PLANS FOR THE FOLLOWING CITY OF ALBUQUERQUE PROJECTS: "NORTH DOMINGO BACA MULTIGENERATIONAL CENTER", "NORTH DOMINGO BACA PARK PHASE 4 CONSTRUCTION - BOX CULVERT", AND "NORTH DOMINGO BACA PARK PHASE 9 RECREATION FIELDS". IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THESE PLANS FOR EXISTING UNDERGROUND UTILITY LOCATING PURPOSES.
- CONTRACTOR TO COORDINATE AND PAY FOR: WATER AND SANITARY SEWER SERVICE CONNECTION, TAPS, METERS, GAS LINE PLACEMENT REQUIREMENTS, UEG CHARGES AND ALL DOCUMENTATION REQUIREMENTS, SCHEDULING, PIPE PLACEMENT, INSPECTIONS BY ABCWUA, & NM GAS.
- CONTRACTOR IS RESPONSIBLE TO PLAN AHEAD FOR ALL UTILITY INSTALLATIONS.

SHEET KEYNOTES

- CONNECT NEW 3" DOMESTIC WATER TO EXISTING 8" WATER MAIN - 8x8x3 TEE W/ JOINT RESTRAINT PER C.O.A. STD DWG'S 2301 & 2320
- CONNECT NEW 6" FIRE PROTECTION LINE TO EXISTING 8" WATER MAIN - 8x8x6 TEE W/ JOINT RESTRAINT PER C.O.A. STD DWG'S 2301 & 2320
- CONNECT NEW NATURAL GAS SERVICE TO EXISTING GAS MAIN
- CONNECT NEW 4" SANITARY SEWER SERVICE TO EXISTING SANITARY SEWER MANHOLE. CITY AS-BUILTS SHOW STUB-OUT. CONTRACTOR TO VERIFY.
- 4" SINGLE CLEANOUT (100' MAX. SPACING)
- 4" DOUBLE CLEANOUT
- 4" SANITARY SEWER SERVICE. COMPACT TRENCH BACKFILL TO 95% ASTM D1557
- 3" WATER METER
- 3" WATER SERVICE LINE. COMPACT TRENCH BACKFILL TO 95% ASTM D1557
- 3" BACK FLOW PREVENTER & ENCLOSURE
- 6" C900 PVC FIRE SAFETY LINE, 3 FT MINIMUM DEPTH. COMPACT TRENCH, BACKFILL TO 95% ASTM D1557
- POST INDICATOR VALVE
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT PER CITY OF ALBUQUERQUE STD DWG 2340
- NATURAL GAS SERVICE UP TO METER BY NM GAS COMPANY.
- GAS METER - SEE PLUMBING PLANS
- 24" STORM DRAIN - SEE GRADING PLAN
- STORM STRUCTURE - SEE GRADING PLAN
- 6" SANITARY SEWER SERVICE. COMPACT TRENCH BACKFILL TO 95% ASTM D1557
- 6" SINGLE CLEANOUT (100' MAX. SPACING)
- 6" DOUBLE CLEANOUT
- 6" SANITARY SEWER SERVICE. COMPACT TRENCH BACKFILL TO 95% ASTM D1557
- CONNECT NEW SANITARY SEWER SERVICE TO EXISTING 8" SAS MAIN PER CITY OF ALBUQUERQUE STD DWG 2125
- GATE VALVE & BOX PER CITY OF ALBUQUERQUE STD DWG 2326 - GATE VALVE SIZE SHOWN ON PLAN
- 3/4" NATURAL GAS POLYPIPE TO HYGIENE BUILDING
- UNDERGROUND ELECTRIC - SEE ELECTRICAL
- PARKING LOT LIGHT/ POLE - SEE ELECTRICAL
- REMOVE & RELOCATE EXISTING LIGHT POLE - SEE ELECTRICAL
- 2" WATER SERVICE - LINE. COMPACT TRENCH BACKFILL TO 95% ASTM D1557
- CONNECT NEW 2" DOMESTIC WATER TO EXISTING 8" WATER MAIN - 8x8x2 TEE W/ JOINT RESTRAINT PER C.O.A. STD DWG'S 2301 & 2320
- 2" WATER METER

LEGEND

- W NEW WATER LINE
- FS NEW FIRE SAFETY LINE
- SAS NEW SANITARY SEWER LINE
- G NEW GAS LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW CLEANOUTS (SINGLE / DOUBLE)
- PARKING LOT LIGHTS
- SITE LIGHT - REMOVE & RELOCATE

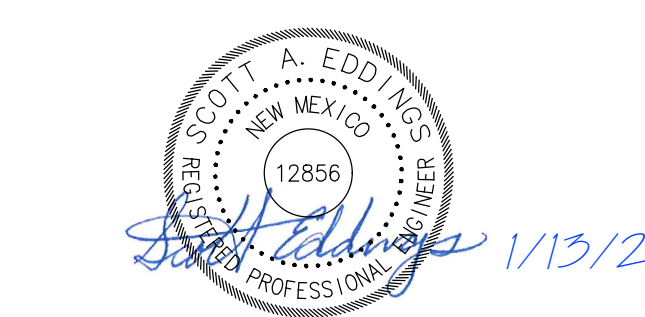
EXISTING SITE LEGEND

- SAS EXISTING SANITARY SEWER
- W EXISTING WATER
- G EXISTING GAS
- SD EXISTING STORM DRAIN
- UGE EXISTING UNDERGROUND ELEC.
- EXISTING LIGHT POLE
- EXISTING TELE. PED
- EXISTING ELEC. BOX
- EXISTING COMM. BOX
- EXISTING BOLLARD
- EXISTING MANHOLE
- EXISTING STOP SIGN

NOTE: FOR SPECIFICATION INFORMATION, REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS



6501 Americas Parkway NE, Suite 830
Albuquerque, New Mexico 87110-5375
505.883.8114
www.huitt-zollars.com



NORTH DOMINGO BACA AQUATIC CENTER PHASE 1

7521 Carmel Ave. NE
Albuquerque, NM 87113

City of Albuquerque
1801 4th St. NW, Albuquerque, NM, 87102

CITY PROJECT NO.: **705286**
PROJECT NO.: R312254.01
DRAWN BY: STAFF
REVIEWED BY: STAFF
APPROVED BY: STAFF

ISSUE DRAWING LOG:

MARK	DATE	DESCRIPTION
10	01/19/2024	PHASE 1 ADDENDUM 3
9	02/07/2024	PHASE 1 ADDENDUM 2
8	01/19/2024	PHASE 1 ADDENDUM 1
7	01/17/2024	PHASE 1 PERMIT SET REV 2
6	01/13/2024	BUILDING PERMIT COMMENTS
5	09/18/2023	PHASE 1 100% CD'S
4	08/21/2023	PHASE 1 95% CD'S
3	07/07/2023	PHASE 0 BID DOCUMENTS
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

UTILITY PLAN

C-107

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1

2

3

4

5

6

GENERAL SHEET NOTES

- A. PROVIDE 3" MAXIMUM METAL TRIM AT EXPOSED METAL EDGES UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- B. CHAMFER ALL EIFS EDGES AT WINDOW OPENINGS PER MANUFACTURER'S RECOMMENDATIONS.

REFERENCE KEYNOTES

07 2413.E EXTERIOR INSULATION AND FINISH SYSTEM

SHEET KEYNOTES

PROPOSED EXTERIOR FINISH LEGEND

	METAL PANEL COLOR A:	ELECTRIC BLUE, BY FIRESTONE
	METAL PANEL COLOR B (SOFFIT):	CITYSCAPE BY FIRESTONE
	EIFS:	MARBLE WHITE
	TRANSACTION WINDOW: WINDOW FRAMES	CLEAR ALUMINUM
	GATE	BLACK
	HM DOORS AND FRAMES:	MARBLE WHITE
	CERAMIC TILE	COLOR WAVE WINTER BLUES

NOTE: COLORS ARE NOT ACCURATE IN THIS DRAWING. COLOR REPRESENTS THE EXTENT OF THE MATERIAL ONLY.



NORTH DOMINGO BACA AQUATIC CENTER

7521 Carmel Ave. NE
 Albuquerque, NM 87113

City of Albuquerque
 1801 4th St. NW, Albuquerque, NM, 87102
 CITY PROJECT NO.: 705286
 PROJECT NO.: R312254.01
 DRAWN BY: STAFF
 REVIEWED BY: STAFF
 APPROVED BY: STAFF

ISSUE DRAWING LOG:

MARK	DATE	DESCRIPTION
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

BUILDING ELEVATIONS EPC

A-202

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E

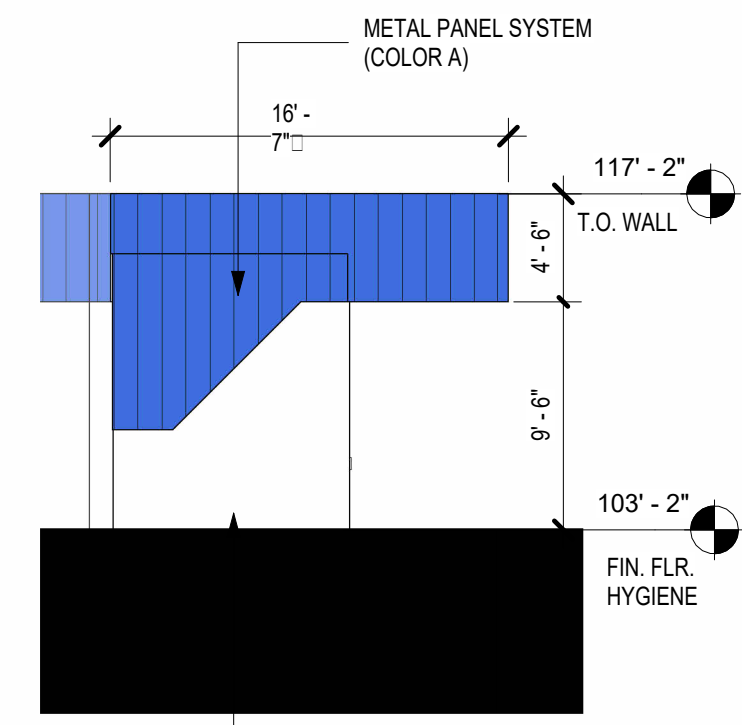
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C

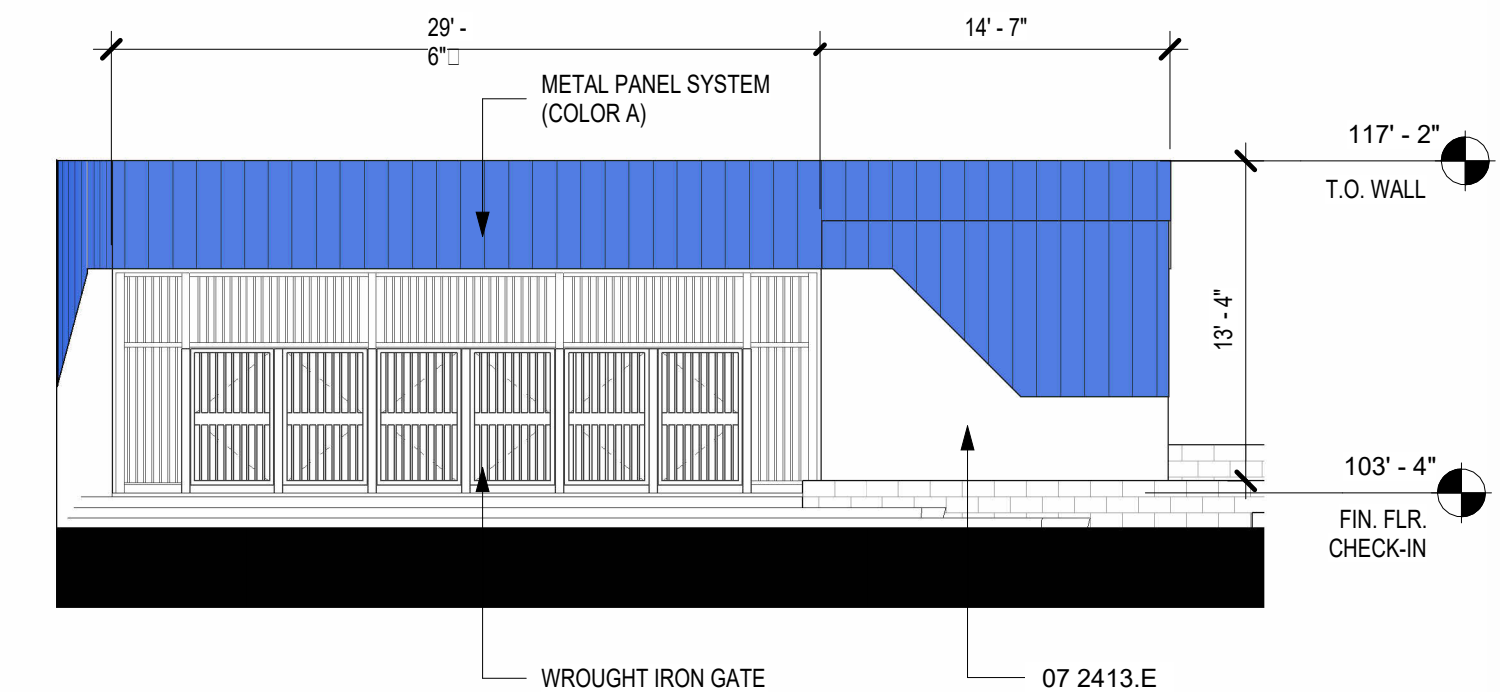
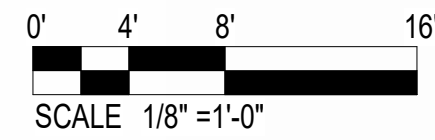
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A

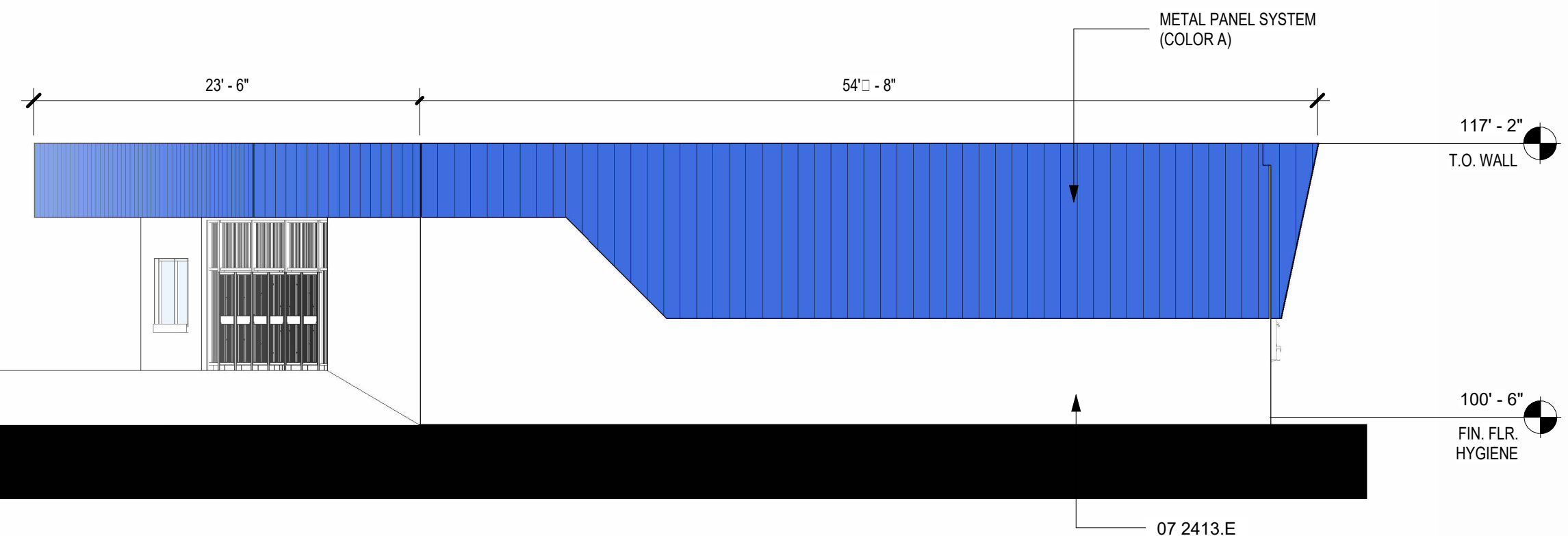
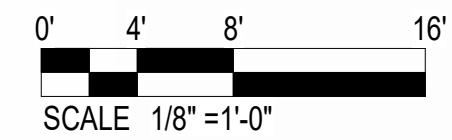
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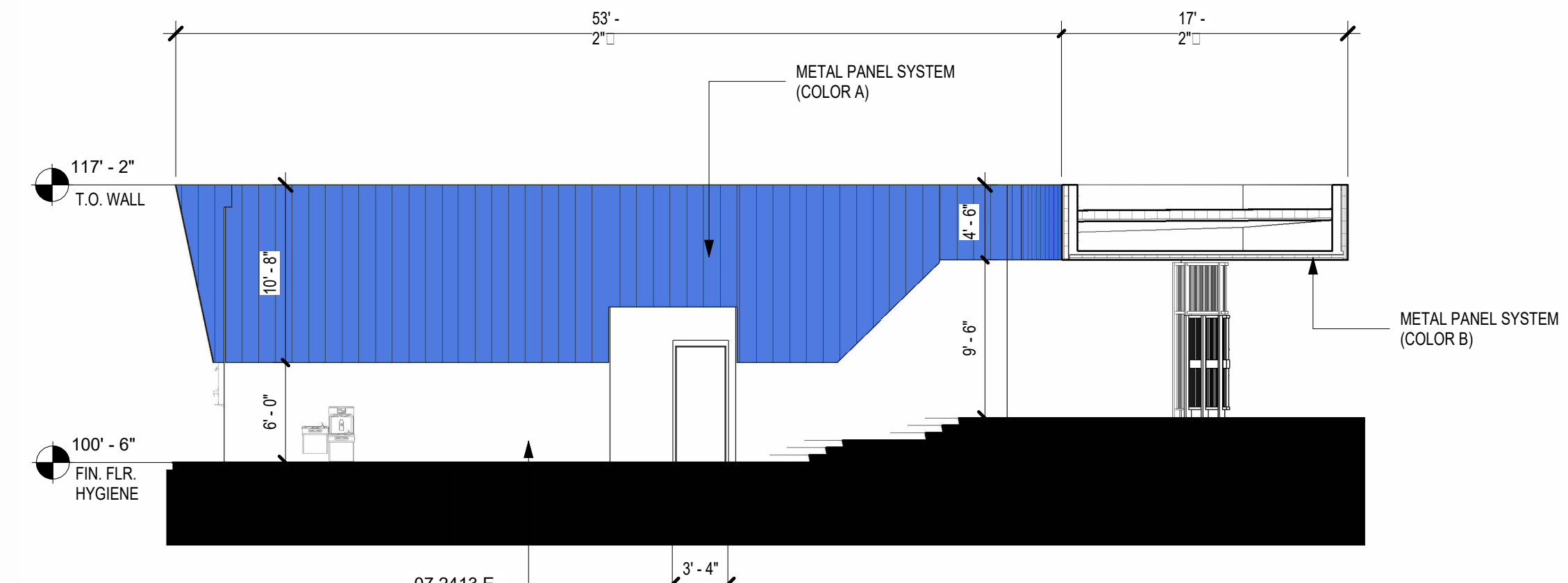
C5 AREA C - CHECK-IN EAST ELEVATION
 1/8" = 1'-0"



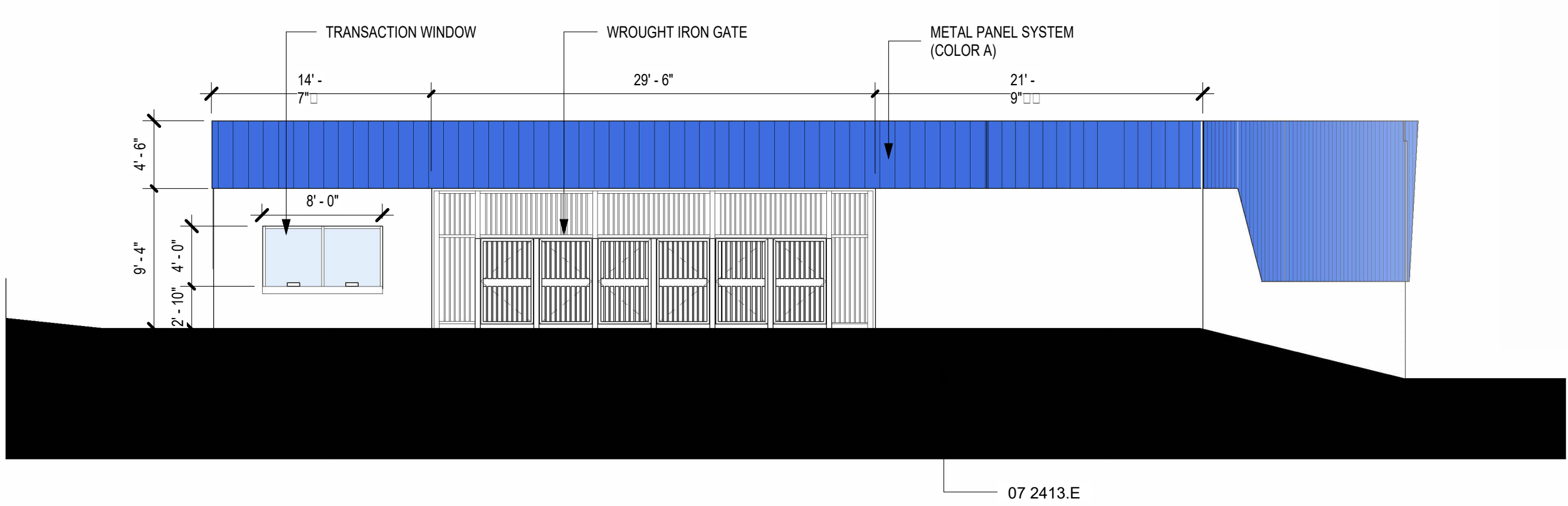
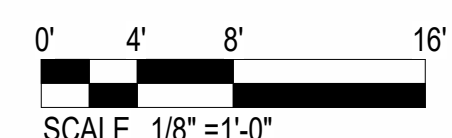
C2 AREA C - CHECK-IN SOUTH ELEVATION
 1/8" = 1'-0"



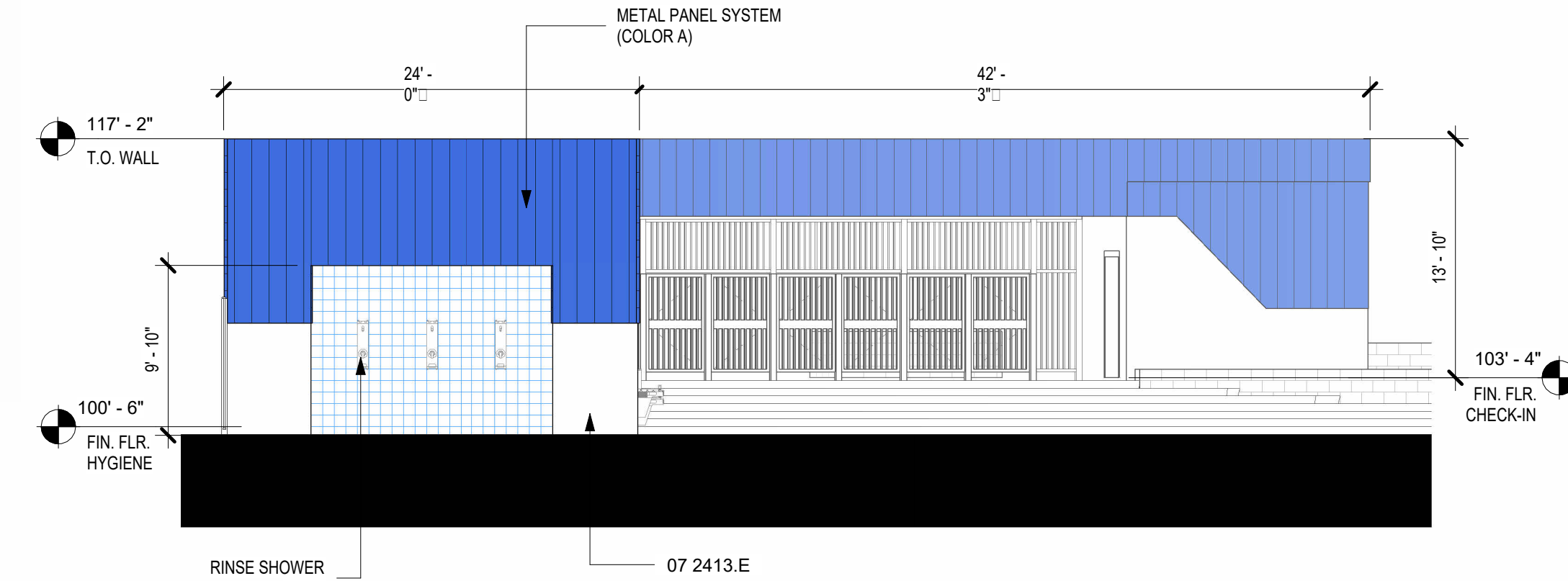
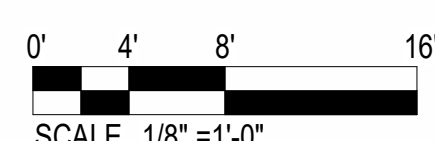
B2 AREA C - WEST ELEVATION
 1/8" = 1'-0"



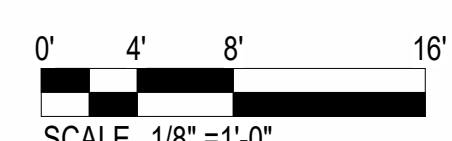
B5 AREA C - EAST ELEVATION
 1/8" = 1'-0"

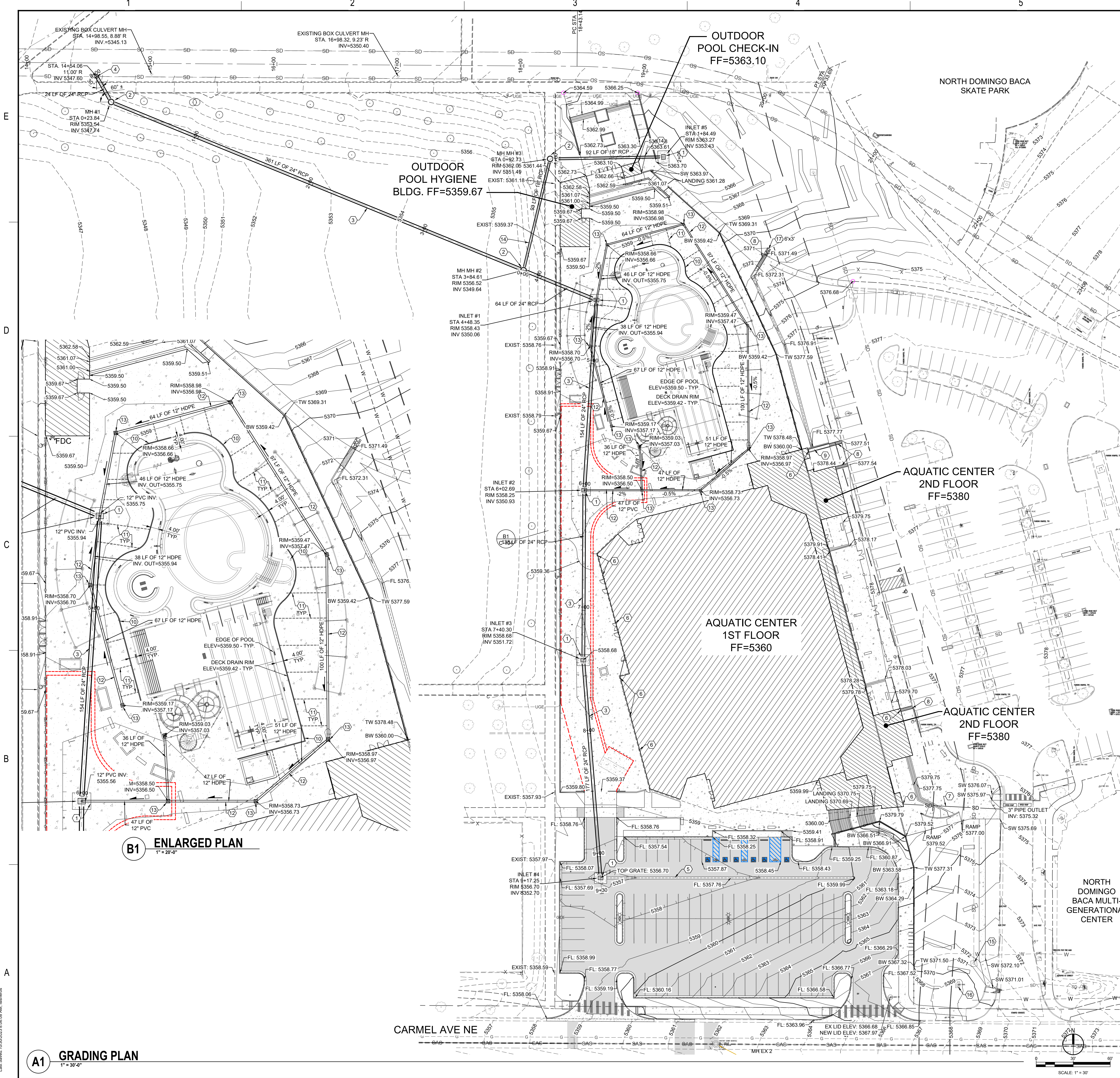


A2 AREA C - NORTH ELEVATION
 1/8" = 1'-0"



A5 AREA C - SOUTH ELEVATION
 1/8" = 1'-0"





B1 ENLARGED PLAN
1" = 20'-0"

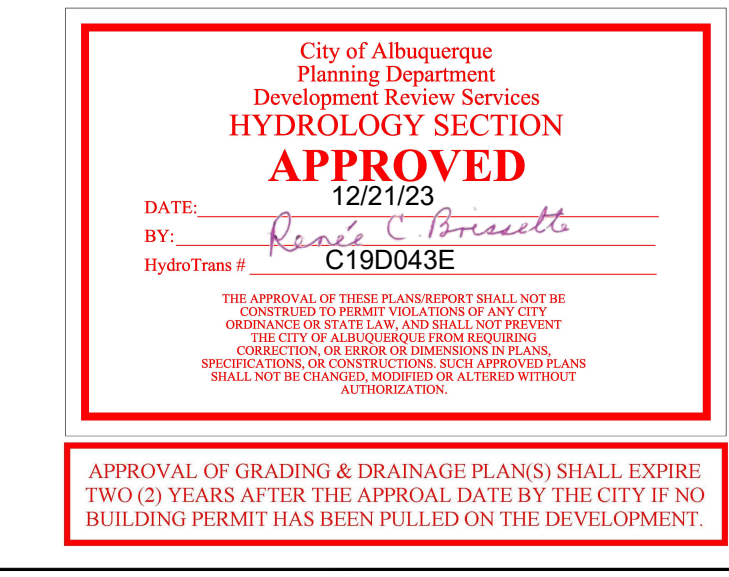
A1 GRADING PLAN
1" = 30'-0"

GENERAL SHEET NOTES

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND OR CONCEALED UTILITIES IN ADVANCE OF ANY CONSTRUCTION.
- B. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HERSELF / HIMSELF WITH ALL THE EXISTING CONDITIONS THAT COULD AFFECT THE INSTALLATION OF ANY WORK SET FORTH IN THESE PLANS PRIOR TO SUBMITTING BID.
- C. SEE SHEET C-105 FOR STORM DRAIN PIPE PROFILES
- D. SEE SHEET C-106 FOR ENLARGED GRADING DETAILS

SHEET KEYNOTES

1. TYPE "D" INLET PER DETAIL A5, SHEET C-502.
2. 4" DIA. STORM MANHOLE TYPE "C" PER CITY OF ALBUQUERQUE STD DWG 2208. SEE DETAIL A2, SHEET C-502.
3. 24" RCP STORM PIPE - FOR PROFILE SEE SHEET C-105
4. CONNECT NEW 24" RCP STORM PIPE TO EXISTING BOX CULVERT PER DETAIL C4, SHEET C-502.
5. "ALLEY" GUTTER PER CITY OF ALBUQUERQUE STD DWG 2415B. SEE DETAIL C5, SHEET C-501.
6. 6" ROOF DRAIN OUTLET LOCATION - SEE PLUMBING
7. 3" ROOF DRAIN UNDER CONC. SIDEWALK, OUTLET THROUGH CURB
8. 24" WIDE SIDEWALK CULVERT PER CITY OF ALBUQUERQUE STD DWG 2236. SEE DETAIL A1, SHEET C-501.
9. CONCRETE RUNDOWN AT ROOF DRAIN OUTLET. SEE DETAIL B5, SHEET C-503.
10. "LAWSON AQUATICS DRAIN THE DECK SYSTEM" OR APPROVED EQUAL. RIM ELEVATION = 5359.42 TYP.
11. 3" PVC WITH LONG SWEEP FITTINGS PER CITY OF ALBUQUERQUE PUBLIC WORKS SPECIFICATIONS
12. 12" HDPE WITH LONG SWEEP FITTINGS PER CITY OF ALBUQUERQUE PUBLIC WORKS SPECIFICATIONS
13. 24"x24" NDS CATCH BASIN PER DETAIL C5, SHEET C-502
14. 18" RCP STORM PIPE - FOR PROFILE SEE SHEET C-105
15. ADJUST EXISTING STORM MANHOLE RIM TO NEW ELEV. 5371.41
16. EXISTING ENTRANCE SIGN TO REMAIN UNDISTURBED
17. COBBLE PAD PER DETAIL D1, SHEET C-501. SIZE SHOWN ON PLAN



LEGEND

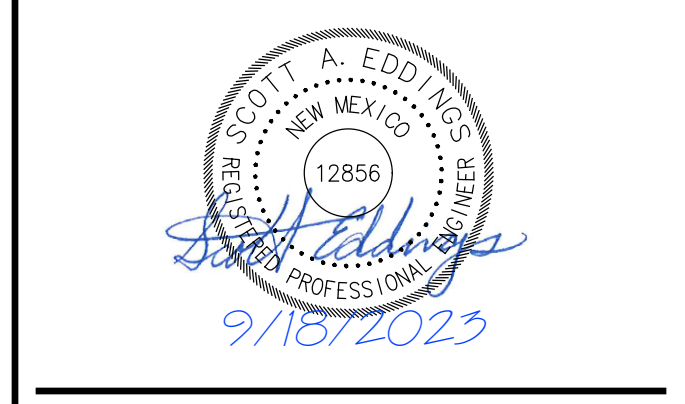
- CURB & GUTTER
- CONC. SIDEWALK
- ASPHALT PAVEMENT
- BUILDING

EXISTING SITE LEGEND

- EXISTING CURB & GUTTER
- X- EXISTING FENCE
- SD- EXISTING STORM DRAIN
- OHE- EXISTING OVERHEAD ELEC.
- ☉ EXISTING LIGHT POLE
- ☉ EXISTING POWER POLE
- ☉ EXISTING GUY WIRE
- ☉ EXISTING TELE. PED
- ☉ EXISTING ELEC. BOX
- ☉ EXISTING COMM. BOX
- ☉ EXISTING BOLLARD
- ☉ EXISTING CLEANOUT
- ☉ EXISTING GAS METER
- ☉ EXISTING WATER METER
- ☉ EXISTING MANHOLE
- ☉ EXISTING STOP SIGN

NOTE: FOR SPECIFICATION INFORMATION, REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS

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City of Albuquerque
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CITY PROJECT NO.: **705286**

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DRAWN BY: STAFF

REVIEWED BY: STAFF

APPROVED BY: STAFF

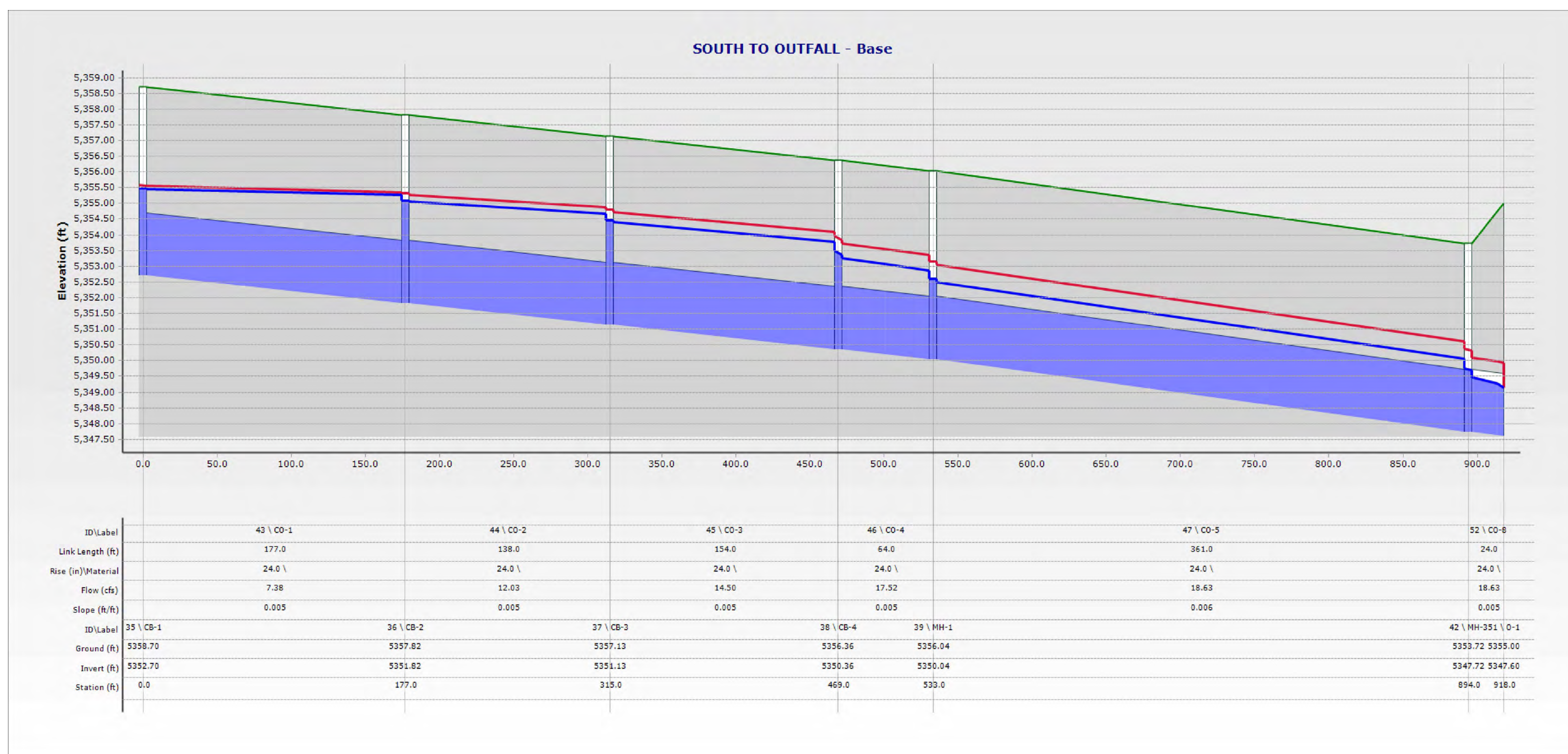
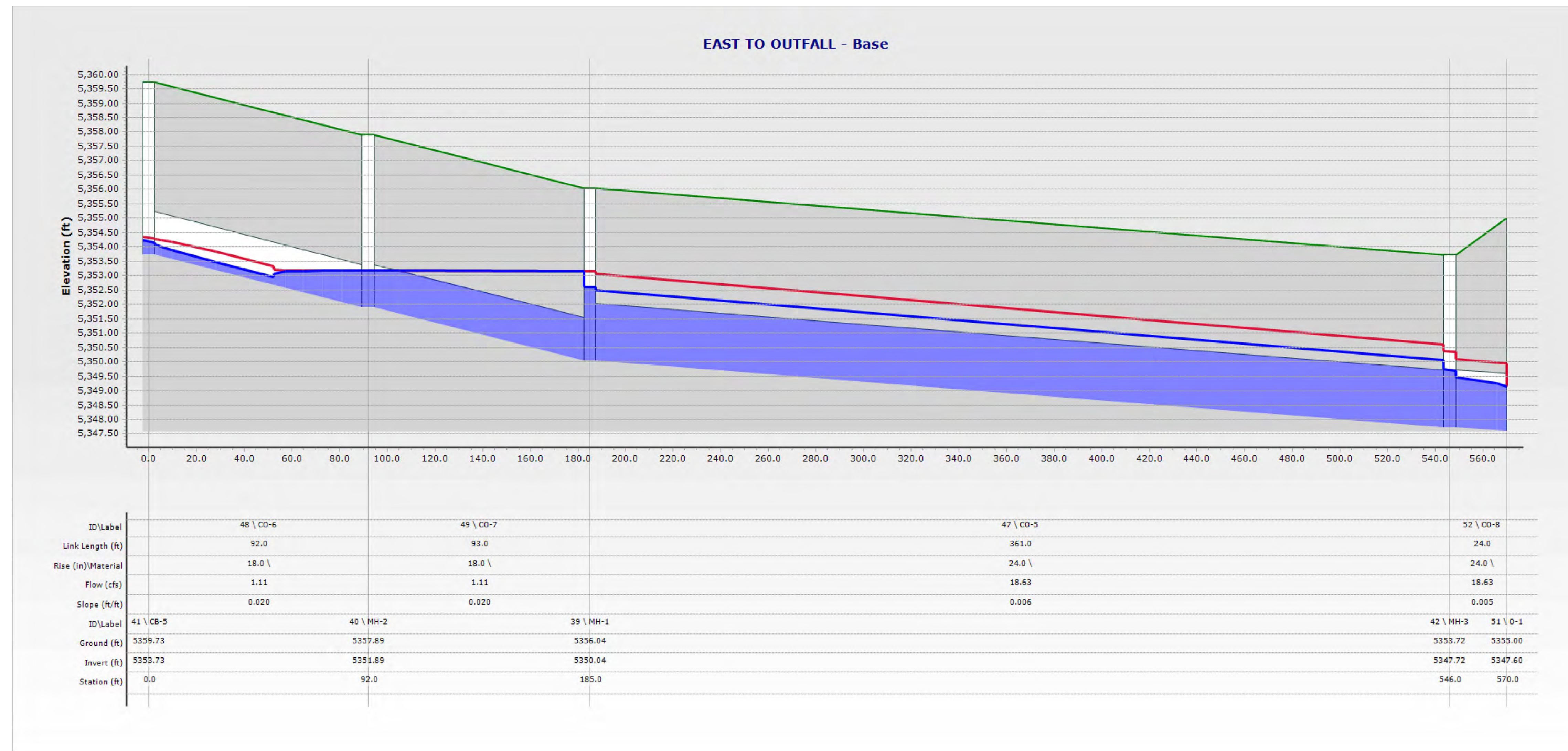
ISSUE DRAWING LOG:

MARK	DATE	DESCRIPTION
5	09/18/2023	PHASE 1 100% CD'S
4	08/21/2023	PHASE 1 95% CD'S
3	07/07/2023	PHASE 0 BID DOCUMENTS
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

GRADING PLAN

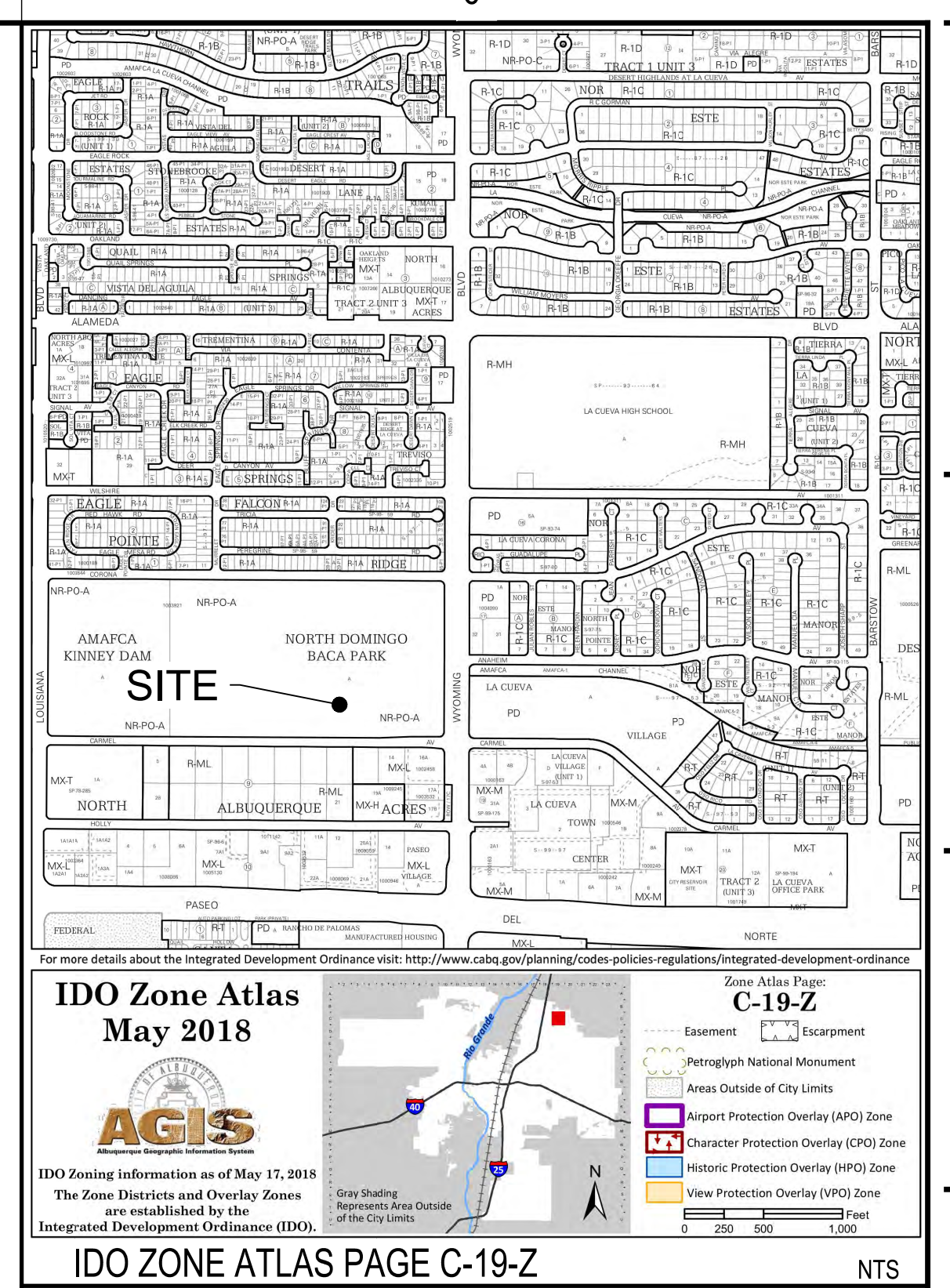
C-104
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 User: Sireena\10/30/2023 8:14:46 AM
 Linn State 10/30/2023 8:14:46 AM



Label	Start Node	Stop Node	Diameter (in)	Length (3D) (ft)	Flow (cfs)	Velocity (ft/s)	Invert (Start) (ft)	Invert (Stop) (ft)	Elevation Ground (Start) (ft)	Elevation Ground (Stop) (ft)	Hydraulic Grade Line (In) (ft)	Hydraulic Grade Line (Out) (ft)
CO-1	CB-1	CB-2	24.0	41.2	7.38	2.35	5,352.70	5,351.82	5,358.70	5,357.82	5,355.46	5,355.27
CO-2	CB-2	CB-3	24.0	38.6	12.03	3.83	5,351.82	5,351.13	5,357.82	5,357.13	5,355.05	5,354.66
CO-3	CB-3	CB-4	24.0	43.2	14.50	4.62	5,351.13	5,350.36	5,357.13	5,356.36	5,354.40	5,353.77
CO-4	CB-4	MH-1	24.0	42.4	17.52	5.58	5,350.36	5,350.04	5,356.36	5,356.04	5,353.25	5,352.87
CO-5	MH-1	MH-3	24.0	153.7	18.63	5.93	5,350.04	5,347.72	5,356.04	5,353.72	5,352.50	5,350.06
CO-6	CB-5	MH-2	18.0	78.3	1.11	4.93	5,353.73	5,351.89	5,359.73	5,357.89	5,354.12	5,353.17
CO-7	MH-2	MH-1	18.0	68.6	1.11	4.92	5,351.89	5,350.04	5,357.89	5,356.04	5,353.17	5,353.16
CO-8	MH-3	O-1	24.0	41.3	18.63	5.93	5,347.72	5,347.60	5,353.72	5,355.00	5,349.46	5,349.15

A1 HYDRAULIC ANALYSIS - STORMCAD OUTPUT



DO Zone Atlas
May 2018

AGIS

DO Zoning Information as of May 17, 2018
The Zone Districts and Overlay Zones are established by the Integrated Development Ordinance (IDO).

DO ZONE ATLAS PAGE C-19-Z

NTS

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 12/21/23
BY: [Signature]
HydroTeam # C19D043E

APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY. NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

LEGEND

- BASIN ID
- AREA (SF)
- BASIN BOUNDARY
- DISCHARGE LOCATION
- FLOW DIRECTION
- 100 BASIN NUMBER
- XX-X STORMCAD LABEL

EXISTING DRAINAGE CONDITIONS

THIS SITE IS UNDER THE NORTH DOMINGO BACA MASTER PLAN AND DISCHARGES TO THE MCKINNEY DAM. STORM WATER FACILITIES ARE EXISTING AND SIZED FOR STORMWATER FLOWS ATTRIBUTABLE FROM THIS PROJECT. EXISTING CONDITIONS SITE DISCHARGE RATE IS 11.91 CFS.

FLOOD ZONE

PER THE FEMA MAP NUMBER 35001C0141G DATED SEPTEMBER 26, 2008 SHOWS THE SITE IS LOCATED WITHIN ZONE AO WITH A 1' DEPTH INUNDATION.

PROPOSED DRAINAGE CONDITIONS

DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE NORTH DOMINGO BACA MASTER PLAN.

THE TOTAL SITE AREA IS APPROXIMATELY 4.37 ACRES WITH THE FOLLOWING ESTIMATED LAND TREATMENTS FOR BASIN 100:
A: 0% B: 0% C: 10% D: 90%

PROPOSED CONDITION SITE DISCHARGE RATE IS 18.63 CFS OR APPROXIMATELY 6.72 CFS ABOVE EXISTING CONDITION DISCHARGE RATE. THE ADDITIONAL RUNOFF WILL ROUTE THROUGH THE EXISTING CULVERT AND DISCHARGE INTO MCKINNEY DAM.

HUITT-ZOLLARS IS IN THE PROCESS OF PREPARING A LOMR WHICH WILL CONSIDER THE PREVIOUS DRAINAGE PROJECTS THAT HAVE MODIFIED THE FLOOD ZONE WITHIN THE PROJECT SITE. THE PREVIOUS PROJECTS HAVE EFFECTIVELY REMOVED THIS PROJECT SITE FROM THE FLOOD AREA AND WILL BE REFLECTED IN THE LOMR PRIOR TO CERTIFICATE OF OCCUPANCY.

STORM WATER QUALITY

EXISTING SITE IS PARTIALLY PAVED AND THE EXISTING PAVED AREAS DISCHARGE INTO THE EXISTING STORM DRAIN WITHOUT WATER QUALITY.

WATER QUALITY REQUIREMENTS TREATING THE PAVED AREAS WILL REQUIRE A TOTAL OF 5396 CF OF BEING TREATED THROUGH THE DRAINAGE FACILITIES. THE PROJECT ROUTES THE ENTIRE RUNOFF THROUGH THE CULVERT LEADING TO THE MCKINNEY DAM. THE ROUTING OF THE RUNOFF THROUGH THE MCKINNEY DAM QUALIFIES THE RUNOFF AS FULLY TREATED.

VOLUME = 190.464 SF * 0.34IN/12 = 5396 CUBIC FEET

NOTE: FOR SPECIFICATION INFORMATION, REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS

nm811
Call before you dig.

HUITT ZOLLARS
6501 Americas Parkway NE, Suite 830
Albuquerque, New Mexico 87110-5375
505.883.8114
www.huittzollars.com

12/14/2023

Professional Engineer Seal: [Signature]



NORTH DOMINGO BACA AQUATIC CENTER

PHASE 1

7521 Carmel Ave. NE
Albuquerque, NM 87113

City of Albuquerque
1801 4th St. NW, Albuquerque, NM, 87102
CITY PROJECT NO.: **705286**
PROJECT NO.: R312254.01
DRAWN BY: STAFF
REVIEWED BY: STAFF
APPROVED BY: STAFF

ISSUE DRAWING LOG:

MARK	DATE	DESCRIPTION
5	09/18/2023	PHASE 1 100% CD'S
4	08/21/2023	PHASE 1 95% CD'S
3	07/07/2023	PHASE 0 BID DOCUMENTS
2	12/09/2022	DESIGN DEVELOPMENT
1	09/09/2022	SCHEMATIC DESIGN

DRAINAGE PLAN

C-110A

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P:\2023\12\15\2023_10_11_150_AU_By_TJH\100_Coils
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 Last Saved: 12/15/2023 10:38:57 AM, tmj

GENERAL SHEET NOTES

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND OR CONCEALED UTILITIES IN ADVANCE OF ANY CONSTRUCTION.
- B. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HERSELF / HIMSELF WITH ALL THE EXISTING CONDITIONS THAT COULD AFFECT THE INSTALLATION OF ANY WORK SET FORTH IN THESE PLANS PRIOR TO SUBMITTING BID.

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED

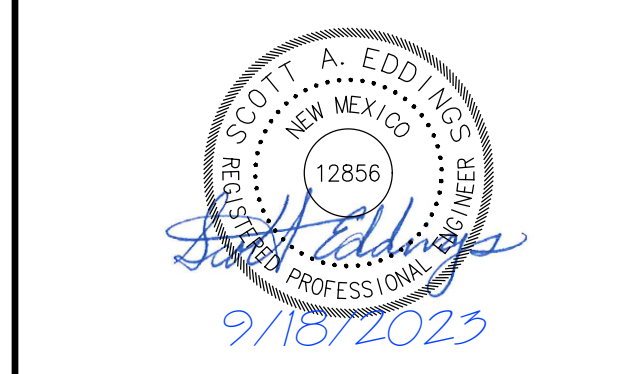
DATE: 12/21/23
BY: *Roger Gonzalez*
Hydrologist: C19D043E

THE APPROVAL OF THESE PLANS DOES NOT CONSTITUTE AN ENDORSEMENT OR GUARANTEE BY THE CITY OF ALBUQUERQUE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND OR CONCEALED UTILITIES IN ADVANCE OF ANY CONSTRUCTION.

APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN FILED ON THE DEVELOPMENT.

HUITT ZOLLARS

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NORTH DOMINGO BACA AQUATIC CENTER
PHASE 1

7521 Carmel Ave. NE
Albuquerque, NM 87113

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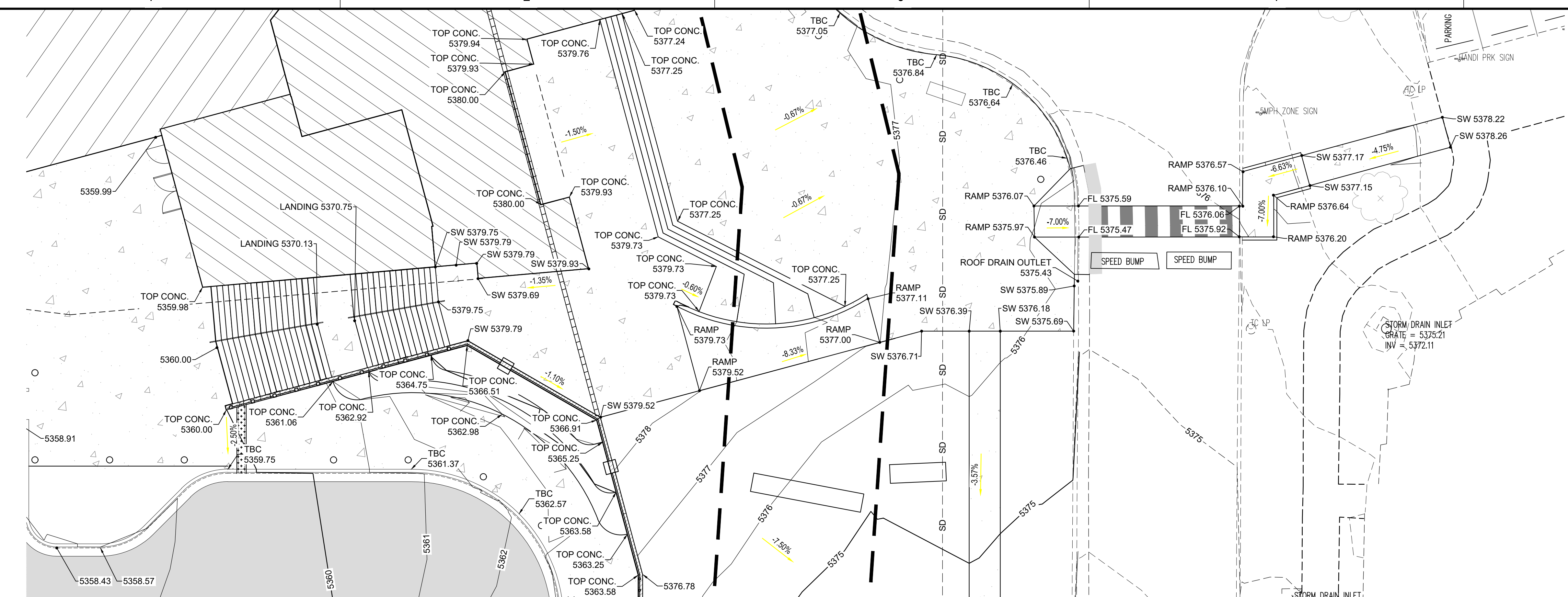
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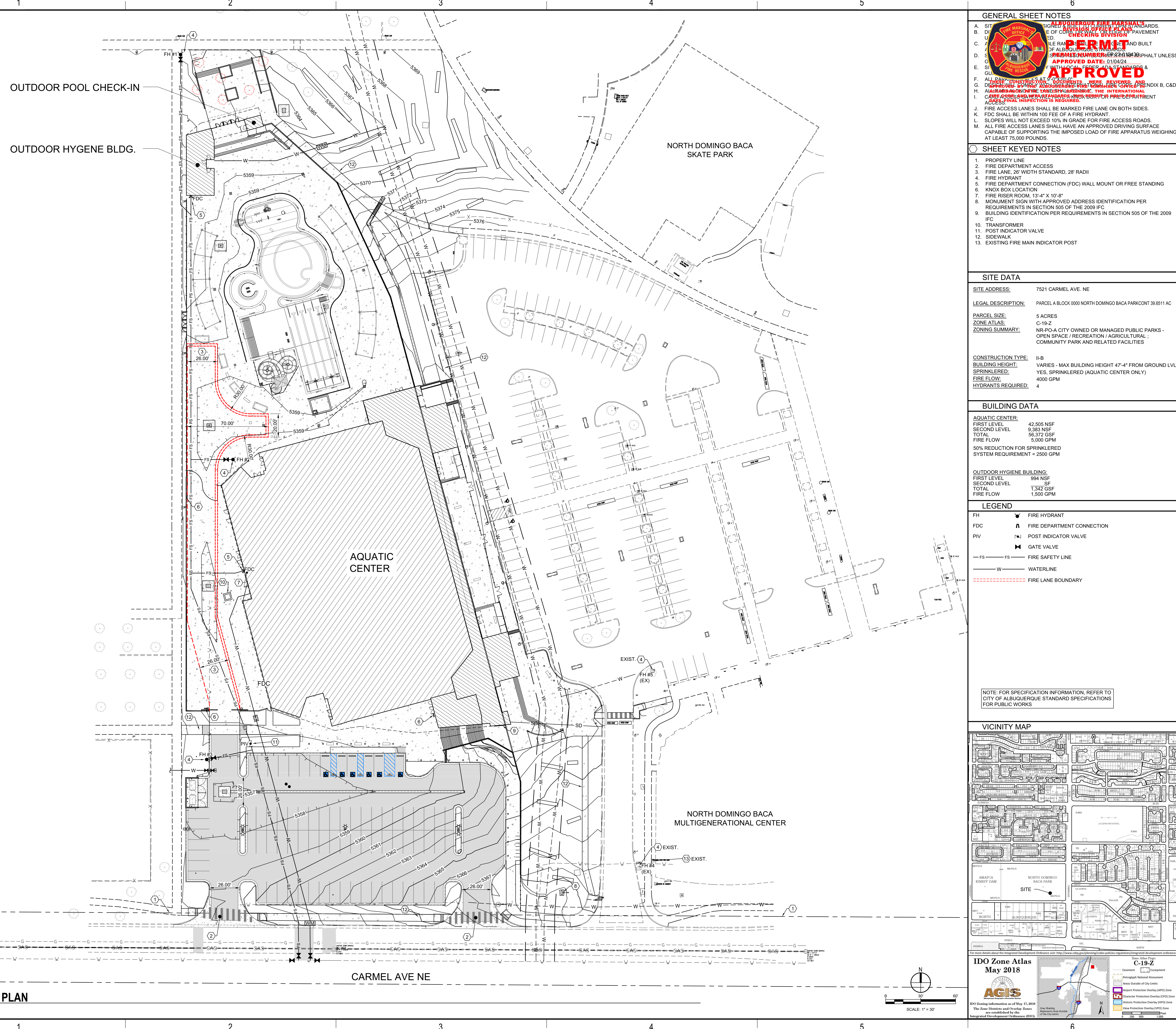
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1	09/09/2022	SCHEMATIC DESIGN

ENLARGED GRADING DETAILS
C-106

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NOTE: FOR SPECIFICATION INFORMATION, REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS





GENERAL SHEET NOTES

A. SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER REQUIRED FOR ALL WORK.

B. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS.

C. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS.

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F. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS, AND THE INTERNATIONAL FIRE MARSHAL ASSOCIATION (IFMA) FIRE MARSHAL STANDARDS.

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APPROVED

APPROVED DATE: 01/04/23

APPROVED BY: [Signature]

SHEET KEYED NOTES

- PROPERTY LINE
- FIRE DEPARTMENT ACCESS
- FIRE LANE, 28' WIDTH STANDARD, 28' RADIUS
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION (FDC) WALL MOUNT OR FREE STANDING
- KNOX BOX LOCATION
- FIRE RISER ROOM, 15'-4" X 10'-8"
- MONUMENT SIGN WITH APPROVED ADDRESS IDENTIFICATION PER REQUIREMENTS IN SECTION 505 OF THE 2009 IFC
- BUILDING IDENTIFICATION PER REQUIREMENTS IN SECTION 505 OF THE 2009 IFC
- TRANSFORMER
- POST INDICATOR VALVE
- SIDEWALK
- EXISTING FIRE MAIN INDICATOR POST

SITE DATA

SITE ADDRESS: 7521 CARMEL AVE. NE

LEGAL DESCRIPTION: PARCEL A BLOCK 0000 NORTH DOMINGO BACA PARKCONT 38.6511 AC

PARCEL SIZE: 5 ACRES

ZONE ATLAS: C-19-Z

ZONING SUMMARY: NR-PO-A CITY OWNED OR MANAGED PUBLIC PARKS - OPEN SPACE / RECREATION / AGRICULTURAL ; COMMUNITY PARK AND RELATED FACILITIES

CONSTRUCTION TYPE: II-B

BUILDING HEIGHT: VARIES - MAX BUILDING HEIGHT 47'-4" FROM GROUND LVL

SPRINKLERED: YES, SPRINKLERED (AQUATIC CENTER ONLY)

FIRE FLOW: 4000 GPM

HYDRANTS REQUIRED: 4

BUILDING DATA

AQUATIC CENTER:

FIRST LEVEL: 42,505 NSF

SECOND LEVEL: 9,383 NSF

TOTAL: 51,888 NSF

FIRE FLOW: 5,000 GPM

50% REDUCTION FOR SPRINKLERED SYSTEM REQUIREMENT = 2500 GPM

OUTDOOR HYGIENE BUILDING:

FIRST LEVEL: 994 NSF

SECOND LEVEL: 1,342 NSF

TOTAL: 2,336 NSF

FIRE FLOW: 1,500 GPM

LEGEND

FH FIRE HYDRANT

FDC FIRE DEPARTMENT CONNECTION

PIV POST INDICATOR VALVE

GATE VALVE

FS FIRE SAFETY LINE

W WATERLINE

FIRE LANE BOUNDARY

NOTE: FOR SPECIFICATION INFORMATION, REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS

VICINITY MAP

AGIS IDO Zone Atlas May 2018

C-19-Z

AGIS

For more details about the Integrated Development Ordinance visit <http://www.ci.albuquerque.nm.us/development/ido>

City of Albuquerque

1801 4th St. NW, Albuquerque, NM, 87102

CITY PROJECT NO.: 705286

PROJECT NO.: R312254.01

DRAWN BY: STAFF

REVIEWED BY: STAFF

APPROVED BY: STAFF

ISSUE DRAWING LOG:

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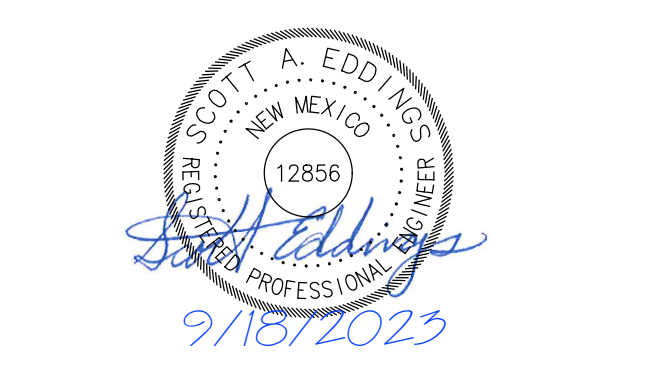
FIRE ONE PLAN

FP-1

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NORTH DOMINGO BACA AQUATIC CENTER

PHASE 1

7521 Carmel Ave. NE
Albuquerque, NM 87113

P:\2023\11022023_10103_48 AM - B\Shironec, Louise
 Information: R:\2023\11022023_10103_48 AM - B\Shironec, Louise
 Land Survey: 11/03/2023 7:28:27 AM

A1 FIRE ONE PLAN
1" = 30'-0"

