

# CARSON CITY ANIMAL SHELTER CARSON CITY, NV

549 AIRPORT ROAD  
CARSON CITY, NV 89701

February 27, 2015  
CONSTRUCTION DOCUMENTS

THIS DESIGN DRAWING IS PROVIDED BY THE DESIGN CONSULTANT. CONSTRUCTION DOCUMENTS TO BE COMPLETED BY THE ARCHITECT OF RECORD AS REQUIRED BY LOCAL AUTHORITIES.

## INDEX TO DRAWINGS

G001	TITLE SHEET	A304	WALL SECTIONS
G101	EGRESS PLAN	A501	MISCELLANEOUS DETAILS
AS101	ARCHITECTURAL SITE PLAN	A502	MISCELLANEOUS DETAILS
C101	COVER SHEET	A503	SOFFIT DETAILS
C102	DEMOLITION & EXISTING SITE PLAN	A504	DOOR DETAILS
C103	CIVIL SITE PLAN	A505	DOOR DETAILS
C104	GRADING AND DRAINAGE PLAN	A506	WINDOW DETAILS
C105	OVERALL UTILITY PLAN	A507	ROOF AND WALL DETAILS
C106	DETAILED UTILITY PLAN	A601	DOOR SCHEDULE AND TYPES
C107	FRONTAGE IMPROVEMENTS PLAN	A602	WINDOW TYPES
C108	DETAILS	I101	INTERIOR SPECIFICATIONS
C109	DETAILS	I102	REFERENCE FLOOR PLAN
C110	DETAILS	I103	INTERIOR ELEVATIONS
C111	DETAILS	I104	INTERIOR ELEVATIONS
		I105	INTERIOR ELEVATIONS
L1	LANDSCAPE PLAN	P101	PLUMBING WASTE AND VENT
L2	LANDSCAPE DETAILS	P102	PLUMBING WATER PLAN
L3	MULCHING PLAN	P103	PLUMBING MEDICAL GAS PLAN
L4	PLANTING AND IRRIGATION NOTES	P104	PLUMBING GAS PLAN
L5	IRRIGATION PLAN	P105	PLUMBING ROOF PLAN
L6	IRRIGATION DETAILS	P501	PLUMBING DETAILS
		P601	PLUMBING SCHEDULES
		P701	PLUMBING WASTE AND VENT RISER DIAGRAM
S0.1	GENERAL NOTES	M101	MECHANICAL HVAC PLAN
S0.1A	SPECIAL INSPECTION NOTES & TABLES	M501	MECHANICAL DETAILS
S0.2	CONCRETE GENERAL NOTES & DETAILS	M502	MECHANICAL DETAILS
S0.02A	CONCRETE SLAB ON GRADE REQUIREMENTS	M601	MECHANICAL SCHEDULES
S0.3	TIMBER GENERAL NOTES	M602	MECHANICAL SCHEDULES
S0.3A	TIMBER GENERAL DETAILS		
S0.3B	TIMBER GENERAL DETAILS (2)	ES101	ELECTRICAL SITE PLAN
S0.3C	WOOD SHEARWALL GENERAL NOTES	E101	LIGHTING PLAN
S0.4	MASONRY GENERAL NOTES & DETAILS	E102	RECEPTACLE PLAN
S0.4A	STRUCTURAL STEEL AND METAL DECK GENERAL NOTES AND DETAILS	E103	SPECIAL SYSTEMS PLAN
S0.5	EARTHWORK GENERAL NOTES & DETAILS	E104	POWER PLAN - MECHANICAL
S100	FOUNDATION PLAN	E105	ELECTRICAL ROOF PLAN
S101	FOUNDATION CONTROL JOINT PLAN	E201	POWER RISER DIAGRAM AND PANEL SCHEDULE
S200	ROOF FRAMING PLAN	E202	ELECTRICAL DETAILS
S201	SHEARWALL PLAN	E203	ELECTRICAL LEGEND, SCHEDULES, DETAILS
S300	FOUNDATION DETAILS		
S400	ROOF FRAMING DETAILS		
S500	TIMBER TRUSS DETAILS		
A101	ARCHITECTURAL FLOOR PLAN		
A102	DIMENSION PLAN		
A103	REFLECTED CEILING PLAN		
A104	ROOF PLAN		
A201	EXTERIOR ELEVATIONS		
A202	INTERIOR ELEVATIONS		
A203	INTERIOR ELEVATIONS		
A204	INTERIOR ELEVATIONS		
A205	INTERIOR ELEVATIONS		
A301	BUILDING SECTIONS		
A302	WALL SECTIONS		
A303	WALL SECTIONS		

## CODES

2012	INTERNATIONAL BUILDING CODE	2011	NATIONAL ELECTRIC CODE
2012	INTERNATIONAL MECHANICAL CODE	2009	INTERNATIONAL ENERGY CONSERV. CODE
2012	UNIFORM MECHANICAL CODE	2011	NORTHERN NEVADA ENERGY CODE AMEND.
2012	UNIFORM PLUMBING CODE	2012	NORTHERN NEVADA AMENDMENTS
2012	INTERNATIONAL FUEL GAS CODE	2012	INTERNATIONAL PROPERTY MAINTENANCE CODE

## GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL BUILDING CODES AND ORDINANCES.
- ALL PUBLIC UTILITY TIE INS TO COMPLY WITH LOCAL MUNICIPALITY REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATIONS AND ASSOCIATED EXCAVATIONS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH AND EXAMINE THE SITE PRIOR TO PROPOSING OR WORKING ON THE PROJECT. PROPOSING OR WORKING ON THE PROJECT SHALL CONSTITUTE UNDERSTANDING AND ACCEPTANCE OF ALL CONDITIONS.
- BRACE PARTITIONS TO ROOF STRUCTURE ABOVE AS REQUIRED.
- ALL EXPOSED WOOD TRIM TO BE STAIN GRADE PINE OR FIR, UNLESS NOTED OTHERWISE.
- NON-BEARING PARTITIONS MAY BE CONSTRUCTED OF 2x4 WOOD OR 3 5/8" 26 GA. METAL STUDS AT CONTRACTORS OPTION.
- PARTITIONS DESIGNATED AS DEMISING OR SOUND ATTENUATING SHALL BE CONSTRUCTED AS INDICATED, FROM FLOOR TO STRUCTURE WITH CAULKING AT ENTIRE PERIMETER AND ANY PENETRATIONS TIGHTLY SEALED AND CAULKED. INSULATE ENTIRE CAVITY WITH FULL THICKNESS UNFACED BATT INSULATION.
- GENERAL PARTITIONS SHALL EXTEND TO ABOVE FINISH CEILING.
- ALL DOOR FRAMES TO RECEIVE SILENCERS.
- ALL ROOF PENETRATIONS SHALL BE FLASHED BY PROFESSIONAL ROOFER.
- ALL EXPOSED SURFACES TO BE FINISHED.
- ALL WALL SURFACES TO BE PRIME PAINTED PRIOR TO FINISH COAT OR VVC.
- ALL TRADES SHALL BE RESPONSIBLE FOR WORK IN THEIR RESPECTIVE TRADES REGARDLESS OF WHERE REFERENCES APPEAR. SHOULD ELECTRICAL WORK APPEAR ON AN ARCHITECTURAL DRAWING, THE ELECTRICAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR ITS COMPLETION. ETC. ALL CONTRACTORS SHOULD BE THOROUGHLY FAMILIAR WITH ALL PLANS AND SPECIFICATIONS SECTIONS AND THE WORK OF ALL OTHER TRADES TO ASSURE COMPLETE COVERAGE AND SYSTEM INTERFACE.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL BUILDING PERMITS. A BUILDING PERMIT IS REQUIRED. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE LOCAL AND STATE CODES, ORDINANCES, AND REGULATIONS. GOVERNING THE PARTICULAR CLASS OF WORK INVOLVED. THE BUILDER IS RESPONSIBLE FOR ALL PLAN CHECK AND PERMIT SUBMITTALS, INCLUDING ENERGY CODE COMPLIANCE. THE ARCHITECT WILL FURNISH ALL MECH. AND ELECTRICAL CALCS FOR THE CONTRACTORS USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL EXECUTION OF THE WORK TO SUIT THESE REQUIREMENTS. ON COMPLETION OF THE WORK, THE CONTRACTOR SHALL OBTAIN AND DELIVER TO THE OWNER, FINAL CERTIFICATES OF ACCEPTANCE AND OCCUPANCY.
- EXCEPT AS OTHERWISE INDICATED, COMPLY WITH APPLICABLE PROVISIONS OF NEC AND STANDARDS BY NEMA, FOR ELECTRICAL COMPONENTS OF GENERAL WORK. PROVIDE UL LISTED AND LABELED PRODUCTS.

## LEGEND:

	DETAIL CUT SYMBOL
	SECTION CUT SYMBOL
	ELEVATION SYMBOL
	KEYED NOTE SYMBOL
	DOOR NUMBER SYMBOL
	WINDOW NUMBER SYMBOL
	STANDARD DIMENSION
	CLEAR DIMENSION

## ABBREVIATIONS:

ADJ	ADJUSTABLE	GSP	GROSS SQUARE FOOT	PL	PROPERTY LINE
AFP	ABOVE FINISH FLOOR	GYP BD	GYP BOARD	PLF	PER LINEAR FOOT
ALT	ALTERNATE	HC	HOLLOW CORE or HANDICAPPED	PSF	POUNDS PER SQUARE FOOT
AT	ACOUSTICAL CEILING TILE	HM	HOLLOW METAL	PSI	POUNDS PER SQUARE INCH
CAB	CABINET	HT	HEIGHT	RD	ROOD DRAIN
CFM	CUBIC FOOT PER MINUTE	HVAC	HEATING VENTILATING AIR CONDITIONING	RE	REFER
CJ	CONTROL JOINT	HW	HOT WATER	RO	ROUGH OPENING
CL	CENTERLINE	INT	INTERIOR	SC	SOLID CORE or SEALED CONCRETE
CLG	CEILING	JAN	JANITOR	SHT	SHEET
CLR	CLEAR	MAX	MAXIMUM	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL	SPEC	SPECIFICATION
CO	CLEAN OUT	MFG	MANUFACTURER	SS	SANITARY SEWER
CONT	CONTINUOUS	MH	MANHOLE	SST	STAINLESS STEEL
CW	COLD WATER	MIN	MINIMUM	STL	STEEL
DC	DROP CORD OUTLET	MO	MASONRY OPENING	SQ	SQUARE
DF	DRINKING FOUNTAIN	MT	METAL THRESHOLD	TOA	TOP OF ASPHALT
DIA	DIAMETER	NIC	NOT IN CONTRACT	TOC	TOP OF CURB/CONCRETE
DTL	DETAIL	NTS	NOT TO SCALE	TOP	TOP OF PARAPET
DVV	DRAIN WASTE VENT	O2	OXYGEN	TOW	TOP OF WALL
EA WAY	EACH WAY	OC	ON CENTER	TYP	TYPICAL
EWC	ELECTRIC WATER COOLER	OCP	OCCUPANTS	UNGD	UNDERGROUND
EJ	EXPANSION JOINT	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
EW	EYEWASH	OFICI	OWNER FURNISHED/CONTRACTOR INSTALLED	VBI	VIEW BOX ILLUMINATOR
EXT	EXTERIOR	OFOW	OWNER FURNISHED/OWNER INSTALLED	VTR	VENT THRU ROOF
FD	FLOOR DRAIN	OH	OVER HEAD or OVERHANG	WD	WOOD
FF	FINISH FLOOR	OR	OPERATING ROOM	WP	WATER PROOF/WEATHER PROOF
FIN FLR	FINISH FLOOR	P LAM	PLASTIC LAMINATE	WWF	WELDED WIRE FABRIC
GA	GAGE	PCF	PER CUBIC FOOT		
GB	GYPSPUM BOARD	PGB	PAINTED GYPSPUM BOARD		

## VICINITY MAP



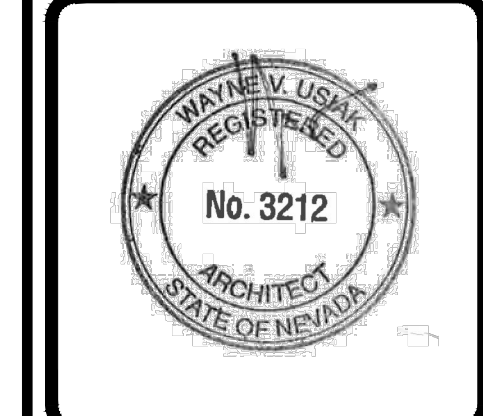
REVIEWS	
INITIALS	BDA DESIGN REVIEW
	BDA TECHNICAL REVIEW

REVISIONS:		
REV. NO.	DATE	COMMENTS

901 Lamberton Pl. NE  
Albuquerque, NM 87107  
Phone: (505) 859-0111  
Fax: (505) 859-0111  
Email: info@bdaarc.com

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**BDA**



**CARSON CITY  
ANIMAL SHELTER**

549 Airport Road  
Carson City, Nevada 89701  
City of Carson City

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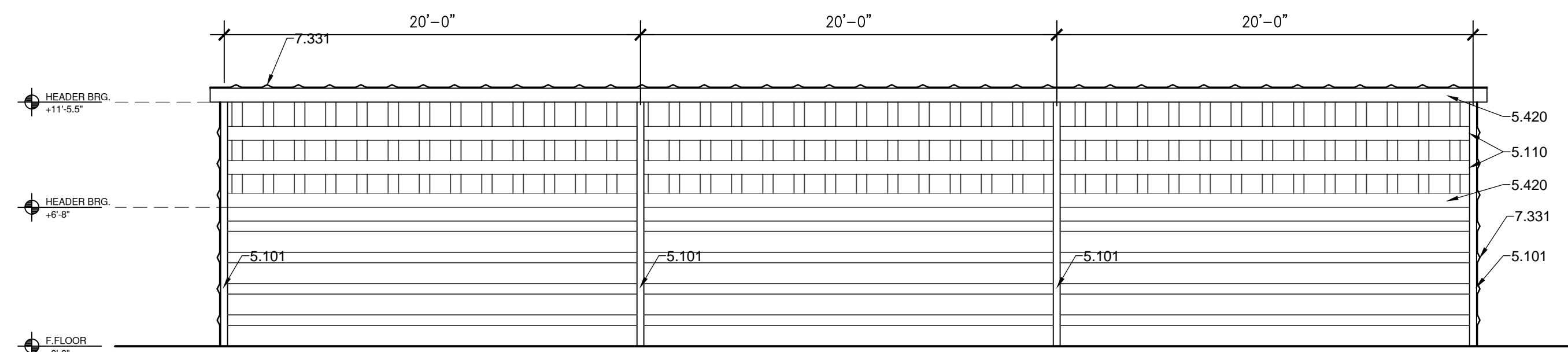
PROJECT NO. 1107

## CONSULTANTS

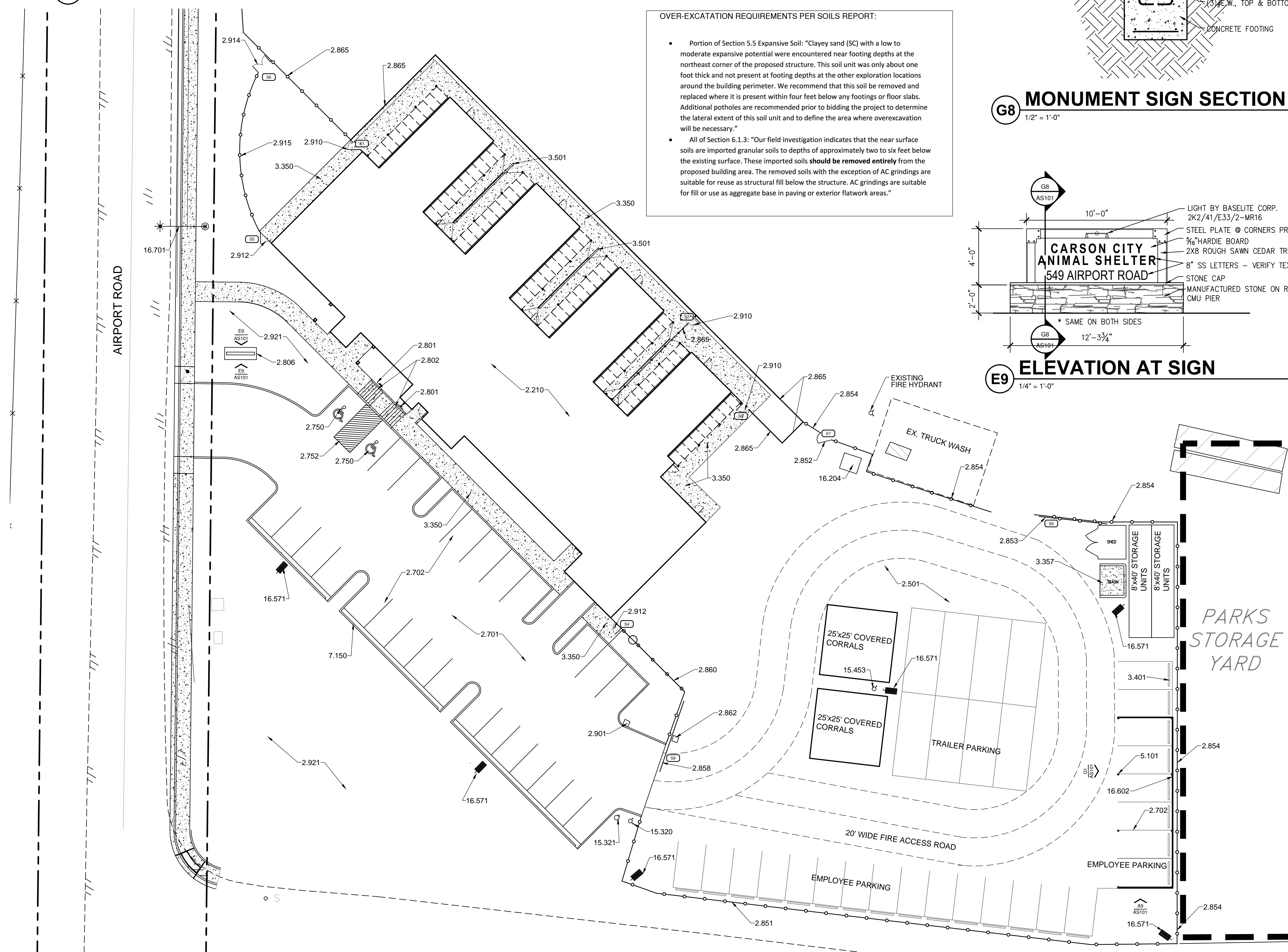
<b>CIVIL:</b>	RESOURCE CONCEPTS, INC. 340 N. MINNESOTA STREET CARSON CITY, NV 89703 PHONE: 775-883.1600 FAX: E-MAIL: jeff@rci-nv.com
<b>LANDSCAPE:</b>	SANDRA WENDEL & ASSOCIATES 1624 10TH ST. SUITE 3 MINDEN, NV 89423 PHONE: 775.782.8942 FAX: N/A E-MAIL: sandra@swfisa.com
<b>STRUCTURAL:</b>	JJK GROUP, INC. 3240 C JUAN TABO NE ALBUQUERQUE, NM 87111 PHONE: (505) 296-5706 FAX: (505) 296-1672 E-MAIL: jjm@jkggroup.com
<b>MECHANICAL ELECTRICAL PLUMBING:</b>	THE RESPONSE GROUP, INC. 11930 MENAUL NE ALBUQUERQUE, NM 87112 PHONE: (505) 323-7529 FAX: (505) 323-7594 E-MAIL: theresponsegroup@trg-inc.net

## PROJECT DATA:

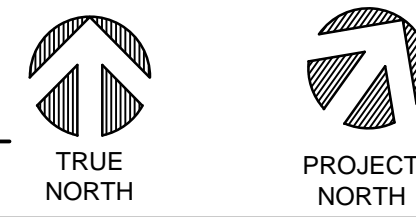
<b>LEGAL DESCRIPTION:</b>	A PORTION OF APN 010-031-04	<b>RELEVANT CODE:</b>	SEE ABOVE
<b>SITE ADDRESS:</b>	549 AIRPORT ROAD CARSON CITY, NEVADA 89701	<b>BUILDING TYPE:</b>	ANIMAL SHELTER and CLINIC
<b>CURRENT ZONING:</b>	PUBLIC REGIONAL (PR)	<b>OCCUPANCY TYPE:</b>	B
<b>SITE AREA:</b>	1.5 ACRES	<b>CONSTRUCTION TYPE:</b>	VB
		<b>ALLOWABLE AREA: 9000 SF x2 (BUILDING SPRINKLED):</b>	18,000 SF
		<b>GROSS USABLE AREA (CURRENT):</b>	10,326 SF
		<b>BUILDING: 7,411 SF</b>	
		<b>KENNELS &amp; GARAGE: 4,136 SF</b>	
		<b>TOTAL:</b>	11,547 SF
		<b>OCCUPANT LOAD (CURRENT):</b>	115
		11,547 FF BUSINESS - 1/100:	
<b>EXITS:</b>	<b>REQUIRED:</b>	<b>CURRENT PROVIDED:</b>	2
<b>WIDTHS:</b>	<b>REQUIRED:</b>	<b>CURRENT PROVIDED:</b>	2 x 14 = 20.8 36



**G1 CARPORT ELEVATION**  
3/16" = 1'-0"

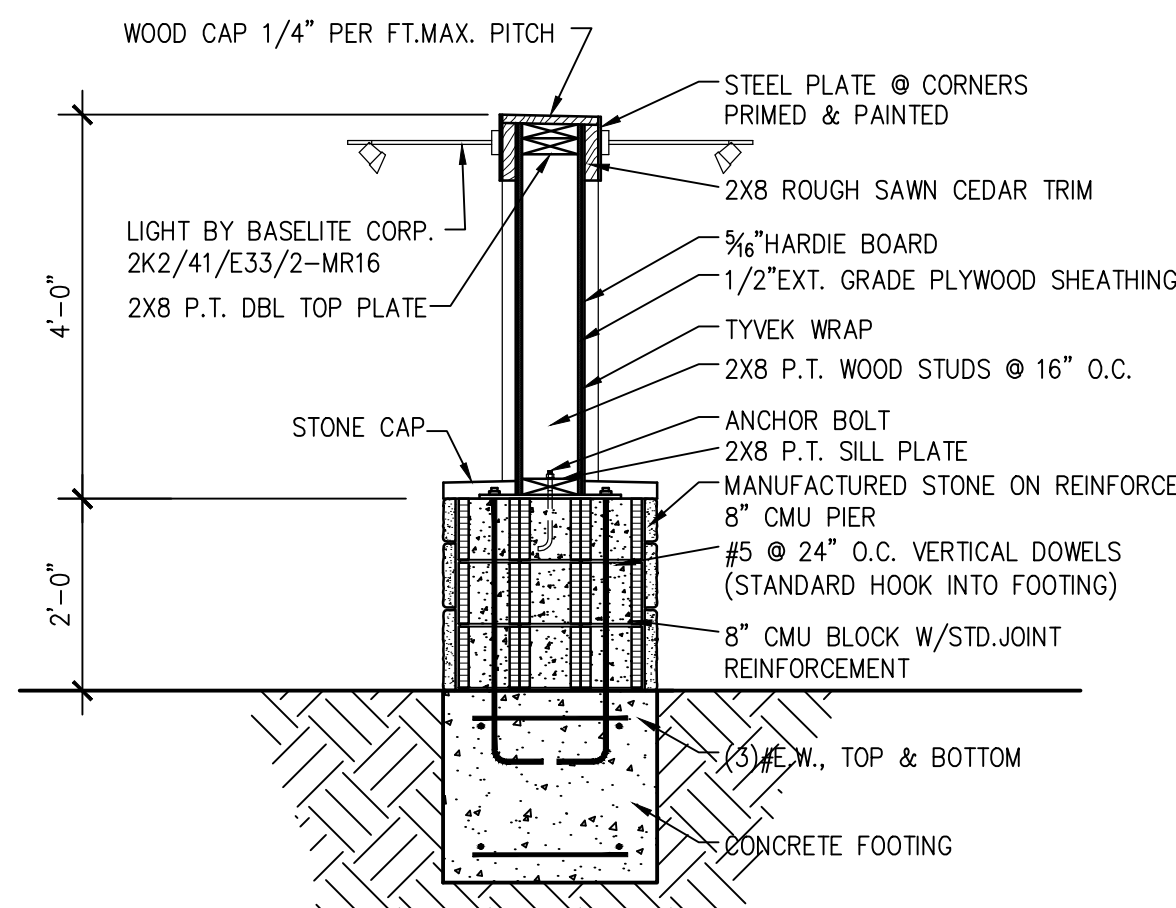


**A1 ARCHITECTURAL SITE PLAN**  
1" = 20'-0"

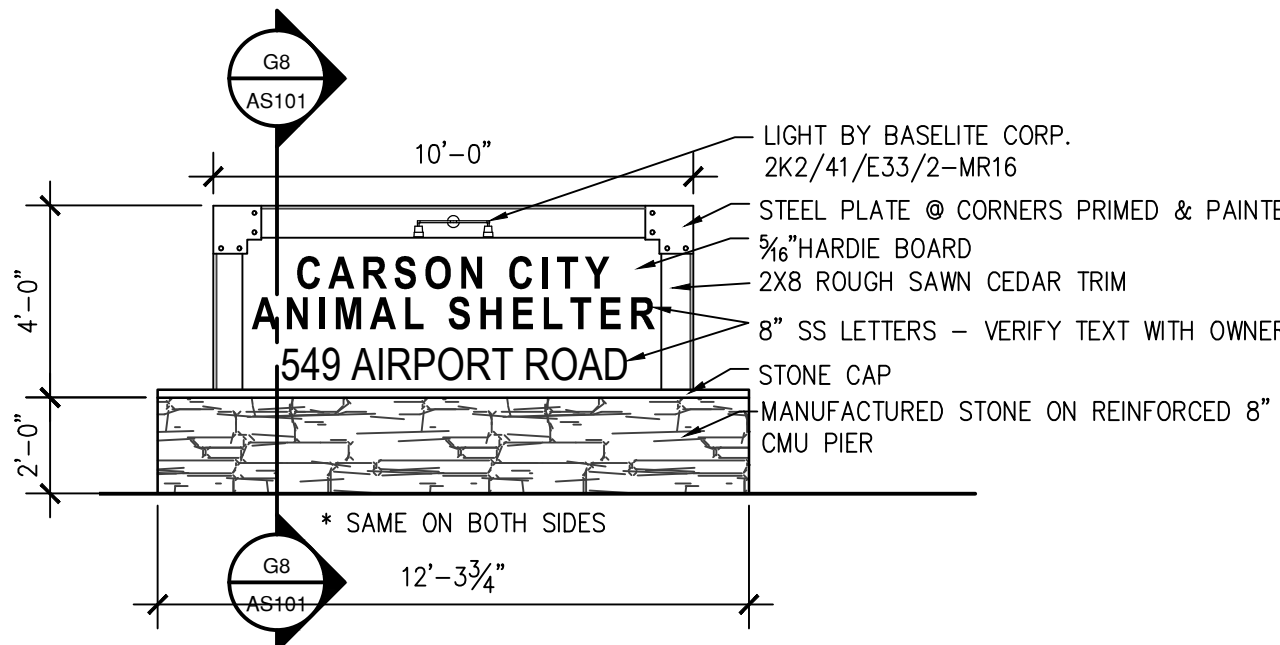


**OVER-EXCATATION REQUIREMENTS PER SOILS REPORT:**

- Portion of Section 5.5 Expansive Soil: "Clayey sand (SC) with a low to moderate expansive potential were encountered near footing depths at the northeast corner of the proposed structure. This soil unit was only about one foot thick and not present at footing depths at the other exploration locations around the building perimeter. We recommend that this soil be removed and replaced where it is present within four feet below any footings or floor slabs. Additional potholes are recommended prior to bidding the project to determine the lateral extent of this soil unit and to define the area where overexcavation will be necessary."
- All of Section 6.1.3: "Our field investigation indicates that the near surface soils are imported granular soils to depths of approximately two to six feet below the existing surface. These imported soils **should be removed entirely** from the proposed building area. The removed soils with the exception of AC grindings are suitable for reuse as structural fill below the structure. AC grindings are suitable for fill or use as aggregate base in paving or exterior flatwork areas."



**G8 MONUMENT SIGN SECTION**  
1/2" = 1'-0"



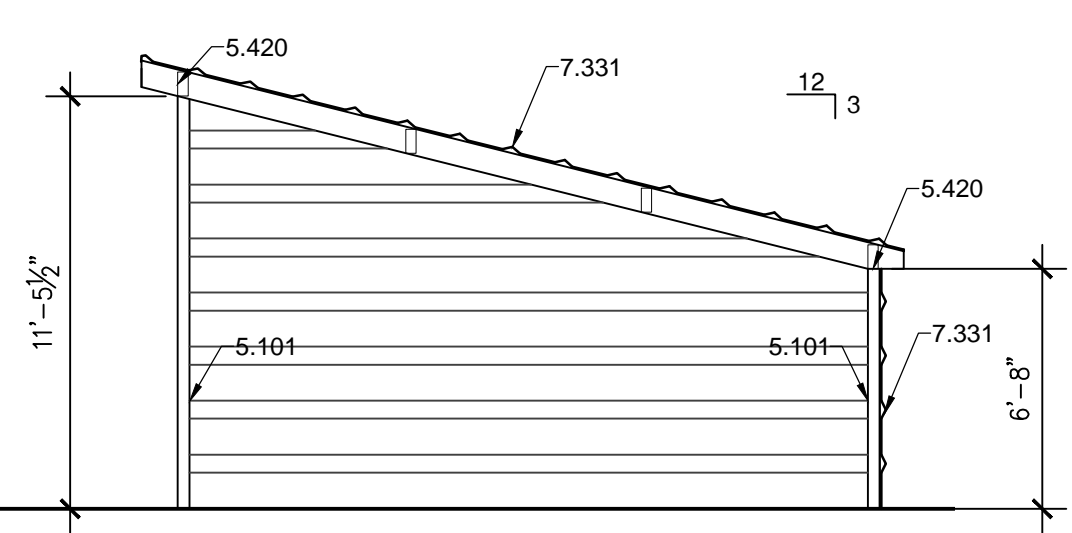
**E9 ELEVATION AT SIGN**  
1/4" = 1'-0"

**GENERAL NOTES**

A. THIS IS NOT A SURVEY. INFORMATION TAKEN FROM A SURVEY PREPARED BY BOWLING MAMOLA GROUP, DATED 5-18-12. (INSERT SURVEYER'S JOB NUMBER, IF KNOWN) REFER TO THAT SURVEY FOR ALL BOUNDARY AND EXISTING CONDITIONS.

**REFERENCE KEYNOTES**

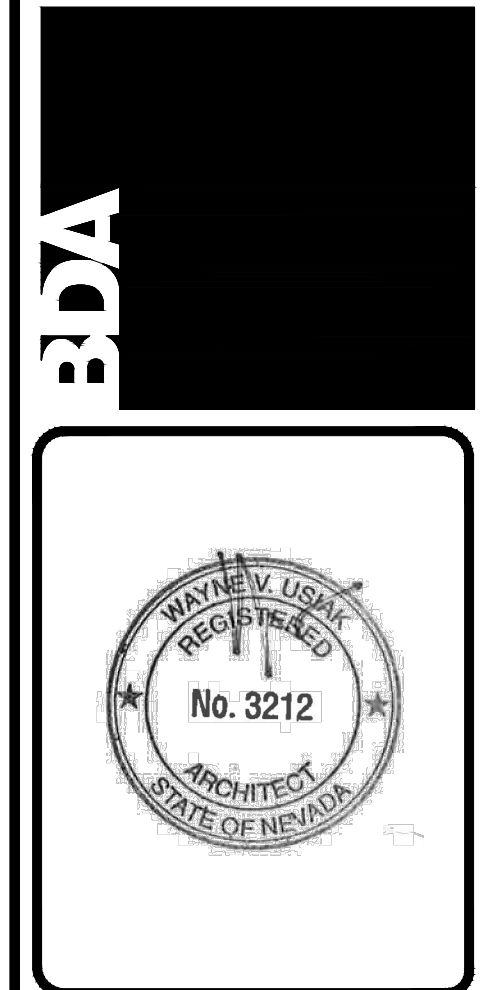
- DIVISION 01 - GENERAL REQUIREMENTS
  - 1.005 - EXISTING STRUCTURE
- DIVISION 02 - SITE CONSTRUCTION
  - 2.210 - PROPOSED BUILDING LOCATION
  - 2.501 - EXISTING SURFACE TO REMAIN
  - 2.701 - ASPHALT PAVING
  - 2.702 - PARKING STRIPES
  - 2.750 - ADA ACCESSIBLE PARKING
  - 2.752 - ADA ACCESS ISLE
  - 2.801 - ADA PARKING SIGN
  - 2.802 - ADA ACCESSIBLE RAMP
  - 2.806 - MONUMENT SIGN- SEE DTLS C9 & G8/AS101
  - 2.850 - CHAIN LINK FENCE
  - 2.851 - EXISTING CHAIN LINK FENCE
  - 2.852 - CHAIN LINK GATE - SEE GATE SCHEDULE SHEET A601
  - 2.853 - RELOCATED CHAIN LINK SLIDING GATE
  - 2.854 - RELOCATED CHAIN LINK FENCE
  - 2.858 - ROLLING GATE: GUARDIAN STYLE, SEE SCHEDULE SHEET A601
  - 2.860 - 7' TALL, GUARDIAN STYLE METAL FENCE
  - 2.862 - GATE OPENER
  - 2.865 - VINYL PRIVACY FENCE: 6' TALL
  - 2.901 - GATE/ CARD READER, ON PEDESTAL
  - 2.910 - VINYL GATE: 4' WIDE - SEE GATE SCHEDULE SHEET A601
  - 2.912 - FABRICATED GATE: 4' WIDE - SEE GATE SCHEDULE SHEET A601
  - 2.914 - FABRICATED GATE 6' WIDE: SEE GATE SCHEDULE, SHEET A601
  - 2.915 - 6' TALL MAJESTIC STYLE METAL FENCE w/ PUPPY PANELS
  - 2.921 - LANDSCAPE AREA
- DIVISION 03 - CONCRETE
  - 3.350 - CONCRETE SIDEWALK
  - 3.357 - CONCRETE PAD WITH RAISED CURB, 3 SDS
  - 3.401 - CONCRETE WHEEL STOP
  - 3.501 - C.M.U. WALL, 3'-4" AFF
- DIVISION 05 - METALS
  - 5.101 - STEEL COLUMN - SEE STRUCTURAL
  - 5.110 - STEEL PURLIN - SEE STRUCTURAL
  - 5.420 - STEEL BEAM - SEE STRUCTURAL
- DIVISION 07 - THERMAL AND MOISTURE PROTECTION
  - 7.150 - CURB AND GUTTER
  - 7.151 - ROOF GUTTER
  - 7.331 - R-PANEL METAL PANEL SYSTEM
- DIVISION 15 - MECHANICAL
  - 15.320 - FIRE HYDRANT
  - 15.321 - FIRE DEPARTMENT CONNECTION
  - 15.453 - YARD HYDRANT
- DIVISION 16 - ELECTRICAL
  - 16.204 - ELECTRICAL TRANSFORMER
  - 16.571 - PARKING LOT LIGHT POLE
  - 16.602 - CONDUIT FOR POWER
  - 16.701 - NEW STREET LIGHT POWER, OFF BLDG



**A9 CARPORT ELEVATION**  
3/16" = 1'-0"

801 Lamberton Pl. NE  
Albuquerque, NM 87107  
Phone: (505) 688-0180  
Fax: (505) 688-0111  
Email: info@bdaarc.com

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**CARSON CITY ANIMAL SHELTER**  
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**ARCHITECTURAL SITE PLAN**

REVISION:	REV.#	DATE	COMMENTS
REVISION:			
REVISION:			
REVISION:			




**REVIEWS**

INITIALS	REVISION
-	BDA DSGN. REV.
-	BDA TECH REV.

CCAS  
PROJECT NO.: 1107  
DRAWN: DG  
DATE: 2/27/2015

**AS101**  
OF

**LEGEND**

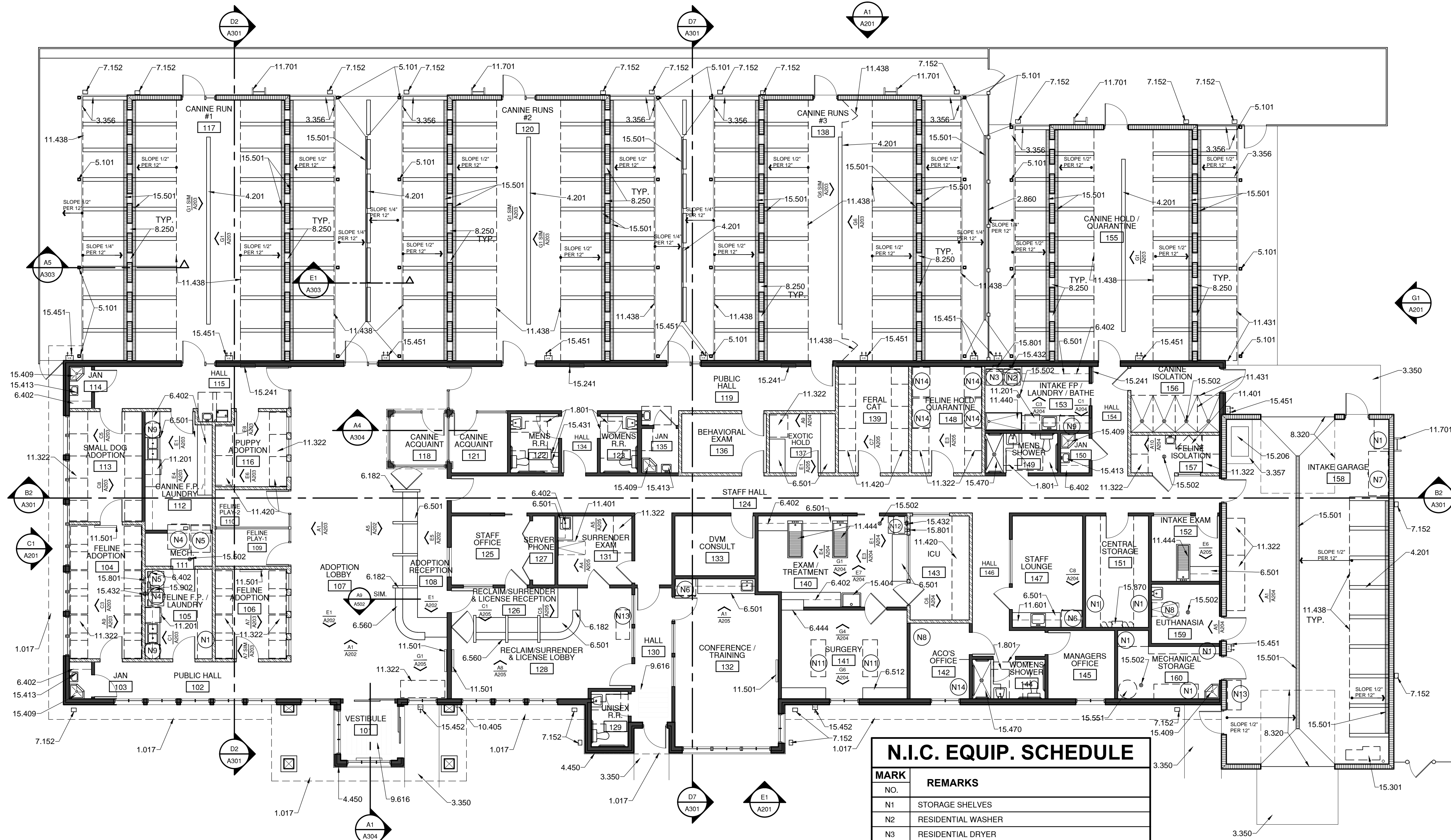
-  STUD PARTITION
-  CMU WALL, SEE STRUCTURAL
-  SOUND ISOLATION WALL (PARTITION EXTENDED TO BOTTOM OF TRUSS)

**GENERAL NOTES**

- A. ALL CASEWORK TO HAVE PLASTIC LAMINATE FINISH, U.N.O.
- B. ALL EXPOSED COUNTERTOP CORNERS TO HAVE 2" RADIUS.
- C. ALL EXPOSED COUNTERTOPS TO BE FACED WITH PVC EDGEBANDING.
- D. ALL RUN AND CAGE BANK DIMENSIONS TO BE VERIFIED BEFORE INSTALLATION.
- E. GROMMET LOCATIONS IN COUNTERTOPS TO BE VERIFIED WITH OWNER.
- F. PROVIDE BLOCKING IN WALL FOR ALL WALL MOUNTED EQUIPMENT.
- G. ALL EXPOSED OUTSIDE CORNERS OF INTERIOR WALLS SHALL HAVE CORNER GUARDS.
- H. AT ALL VERTICAL TILE APPLICATIONS, INSTALL 'SCHLUTER' STRIPS ON OUTSIDE CORNERS.

**REFERENCE KEYNOTES**

- DIVISION 01 - GENERAL REQUIREMENTS
  - 1.017 - LINE OF ROOF OVERHANG ABOVE
  - 1.801 - ADA TURNING CLEARANCE
- DIVISION 02 - SITE CONSTRUCTION
  - 2.860 - 6" HIGH VINYL FENCE
- DIVISION 03 - CONCRETE
  - 3.303 - CONCRETE STOOP
  - 3.350 - CONCRETE SIDEWALK
  - 3.356 - CONCRETE CURB
  - 3.357 - CONCRETE PAD
- DIVISION 04 - MASONRY
  - 4.201 - CONCRETE MASONRY UNIT, SEE STRUCTURAL
  - 4.450 - MANUFACTURED STONE VENEER
- DIVISION 05 - METALS
  - 5.101 - STEEL COLUMN - SEE STRUCTURAL
- DIVISION 06 - WOOD AND PLASTICS
  - 6.182 - PARTIAL HEIGHT INTERIOR PARTITION WALL
  - 6.402 - PLASTIC LAMINATE WALL CABINET
  - 6.444 - PLASTIC LAMINATE PASS-THRU CABINET
  - 6.501 - PLASTIC LAMINATE COUNTERTOP
  - 6.512 - 18" DEEP PLASTIC LAMINATE COUNTERTOP
  - 6.560 - SOLID SURFACE COUNTERTOP
- DIVISION 07 - THERMAL AND MOISTURE PROTECTION
  - 7.152 - DOWNSPOUT
- DIVISION 08 - OPENINGS
  - 8.250 - GUILLOTINE DOOR: O.F.C.I.
  - 8.320 - OVERHEAD DOOR: AUTOMATIC
- DIVISION 09 - FINISHES
  - 9.616 - WALK-OFF MAT: SEE DETAIL, F1 / A502
- DIVISION 10 - SPECIALTIES
  - 10.405 - KNOX BOX
- DIVISION 11 - EQUIPMENT
  - 11.201 - DISHWASHER - O.F.C.I.
  - 11.322 - ROLLING CAGE BANK: O.F.C.I.
  - 11.401 - SST. FOLDING EXAM TABLE - O.F.C.I.
  - 11.420 - CAGE BANK - O.F.C.I.
  - 11.431 - SST. RUN GATE AND PARTITIONS - O.F.C.I.
  - 11.438 - SST. RUN GATE - O.F.C.I.
  - 11.440 - SST. BATHING TUB - O.F.C.I.
  - 11.444 - 5' SST. SHALLOW TUB TABLE - O.F.C.I.
  - 11.501 - T.V. MOUNT FOR O.F.C.I. T.V.
  - 11.601 - ADA HEIGHT DISHWASHER O.F.C.I.
  - 11.701 - ROOF LADDER
- DIVISION 15 - MECHANICAL
  - 15.206 - MECHANICAL UNIT - SEE MECHANICAL
  - 15.241 - RADIANT FLOOR MANIFOLD ACCESS DOOR
  - 15.301 - FIRE RISER
  - 15.402 - WALL MOUNTED SINGLE UTILITY SINK
  - 15.404 - SINGLE SCRUB SINK
  - 15.409 - MOP SINK
  - 15.413 - WALL MOUNTED HAND WASH SINK
  - 15.431 - URINAL
  - 15.432 - WASHER BOX
  - 15.451 - HOT AND COLD HOSE BIB STATION
  - 15.452 - COLD HOSE BIB STATION
  - 15.470 - ADA SHOWER
  - 15.501 - TRENCH DRAIN
  - 15.502 - FLOOR DRAIN
  - 15.551 - WATER HEATER
  - 15.801 - DRYER VENT BOX
  - 15.870 - OXYGEN MANIFOLD
  - 15.902 - FLOOR SINK, SEE PLUMBING



**A1 ARCHITECTURAL FLOOR PLAN**  
 1/8"=1'-0"  
 BUILDING AREA = 7,411 SF  
 KENNEL PODS = 3,016 SF  
 INTAKE GARAGE = 1,120 SF  
 TOTAL 11,457 SF



**N.I.C. EQUIP. SCHEDULE**

MARK	REMARKS
N1	STORAGE SHELVES
N2	RESIDENTIAL WASHER
N3	RESIDENTIAL DRYER
N4	COMMERCIAL WASHER
N5	COMMERCIAL DRYER
N6	FULL SIZE FRIDGE
N7	CHEST FREEZER
N8	EXISTING SURGERY TABLE
N9	UNDERCOUNTER FRIDGE
N10	ROLLING GURNEY
N11	SURGERY TABLE
N12	STACKING WASHER / DRYER
N13	SCALE
N14	EXISTING ROLLING CAGE BANK

801 Lambertson Pl. NE  
 Albuquerque, NM 87107  
 Phone: (505) 858-0180  
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**ARCHITECTURAL FLOOR PLAN**

REV.#	DATE	COMMENTS

**REVIEWS**

INITIALS	REVISION

CCAS  
 PROJECT NO.: 1107  
 DRAWN: DGJK  
 DATE: 2/27/2015

**A101**  
 OF

Save Date: March 5, 2015 - 11:15 AM - JohnK  
 Drawing Name: G:\Arch\2011\1107 Carson City Animal Shelter\DWGS\CD\Carson City\Sheets\1107-A201 Exterior Elevations.dwg

**GENERAL NOTES**

A. ALL EXPOSED WOOD TRIM TO BE STAINED WS1 (BRIGHT CHERRY SW3109-P)

**EXTERIOR FINISHES**

PAINT: P7 - EPOXY PAINT, KILIM BEIGE SW6106

WALLCOVERING: W1 - STONE VENEER, MADISON COUNTY

GENERAL: G2 - METAL ROOFING, CHESTNUT  
 G3 - FIBER CEMENT SIDING, MONTEREY TAUPE  
 G4 - SPLIT FACE CMU SCORED HALFWAY  
 G5 - SMOOTH FACE CMU BLOCK

**REFERENCE KEYNOTES**

- DIVISION 04 - MASONRY
  - 4.205 - SPLIT FACE CMU SCORED HALFWAY AT 8"
  - 4.208 - SMOOTH FACE CONCRETE MASONRY UNIT
  - 4.450 - MANUFACTURED STONE VENEER
- DIVISION 05 - METALS
  - 5.570 - VERTICAL LADDER WITH WALK THROUGH
- DIVISION 06 - WOOD AND PLASTICS
  - 6.202 - ARCHITECTURAL TRIM
  - 6.261 - EXPOSED WOOD POST
  - 6.266 - EXPOSED WOOD TRUSS
- DIVISION 07 - THERMAL AND MOISTURE PROTECTION
  - 7.151 - ROOF GUTTER
  - 7.152 - DOWNSPOUT
  - 7.331 - METAL ROOF PANEL SYSTEM
  - 7.421 - HARDI BOARD SIDING
- DIVISION 10 - SPECIALTIES
  - 10.122 - 8" STAINLESS STEEL LETTERS ON STANDOFFS
- DIVISION 15 - MECHANICAL
  - 15.817 - EXHAUST VENT
- DIVISION 16 - ELECTRICAL
  - 16.503 - PENDANT LIGHT FIXTURE
  - 16.511 - LIGHT FIXTURE
  - 16.522 - WALL MOUNTED DOWN-LIGHT FIXTURE
  - 16.526 - WALL SCONCE LIGHT FIXTURE

801 Lambertson Pl. NE  
 Albuquerque, NM 87107  
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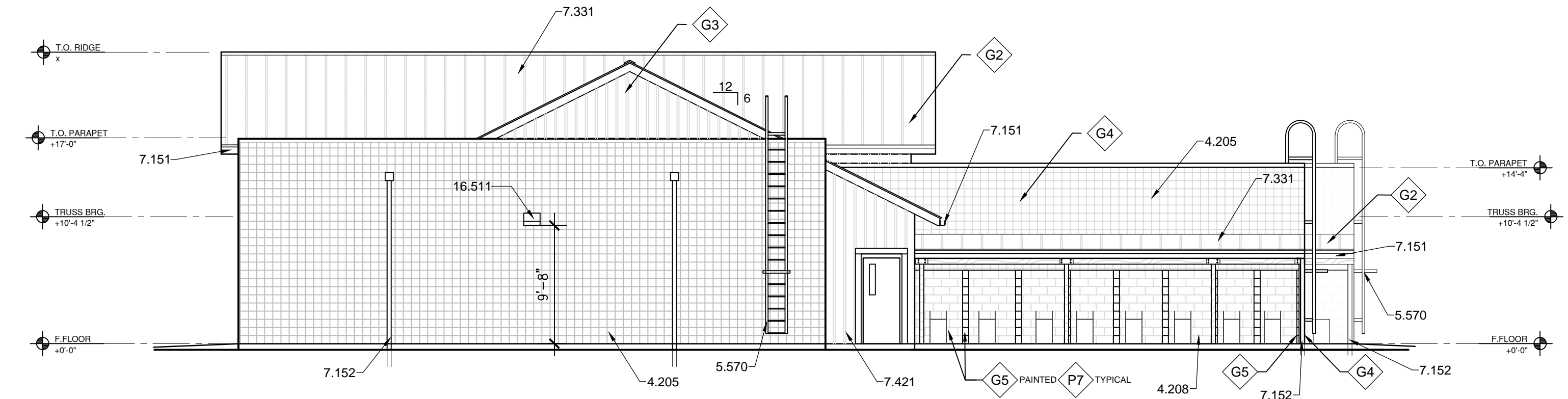
**EXTERIOR ELEVATIONS**

REVISION:	INITIALS	DATE	COMMENTS

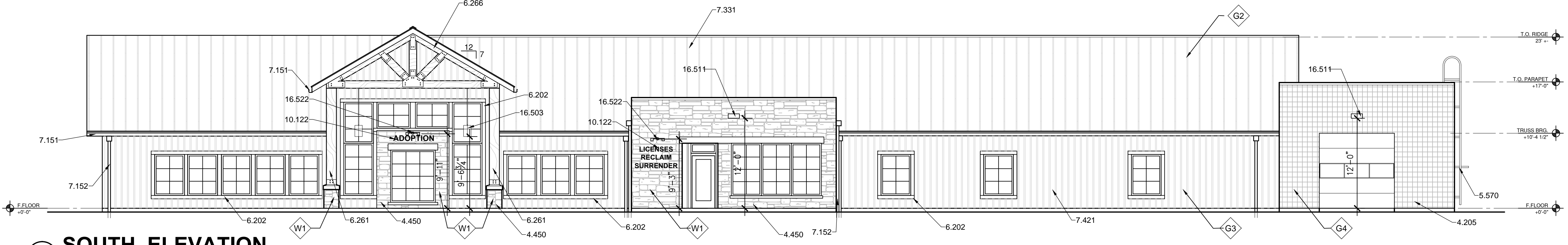
REVISIONS
- BDA DSGN. REV.
- BDA TECH REV.

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 PROJECT NO.: 1107  
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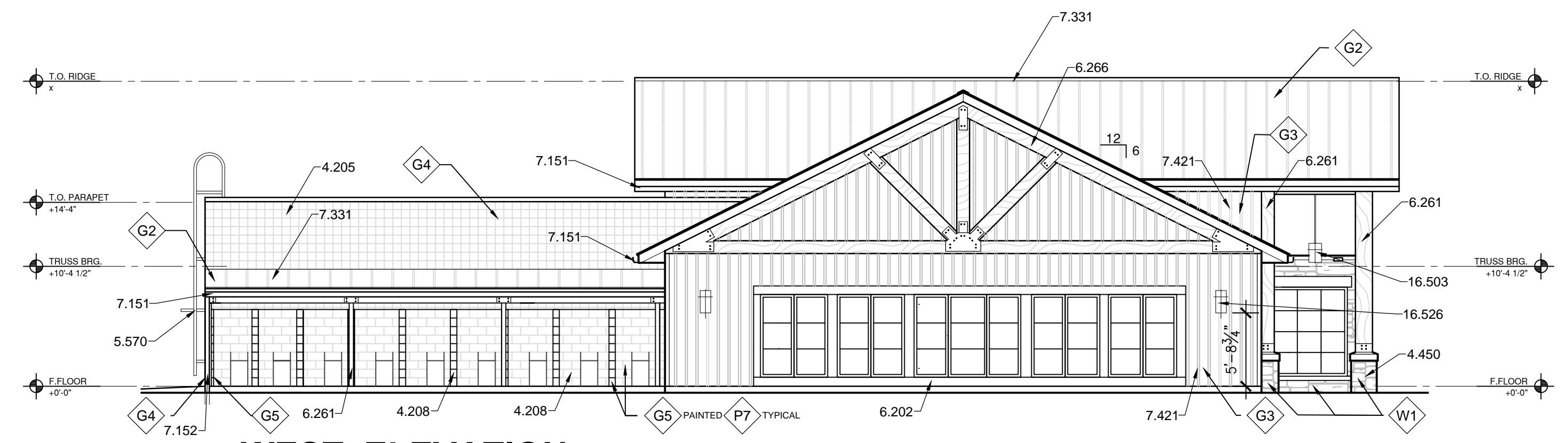
**A201**  
 OF



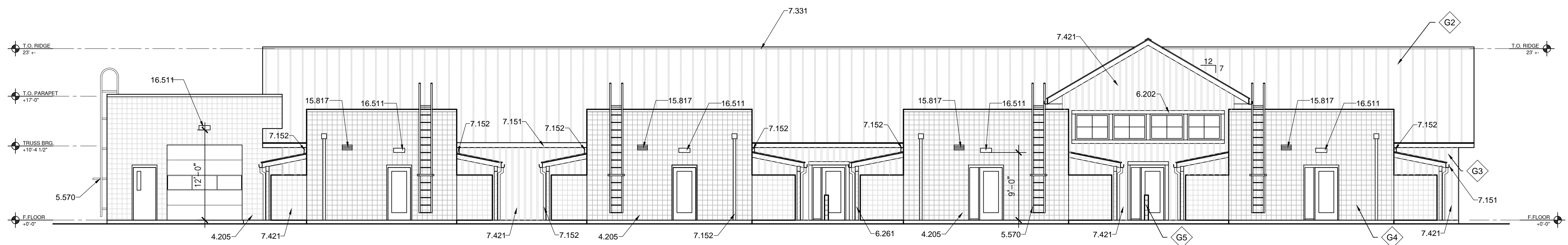
**G1 EAST ELEVATION**  
 1/8" = 1'-0"



**E1 SOUTH ELEVATION**  
 1/8" = 1'-0"



**C1 WEST ELEVATION**  
 1/8" = 1'-0"



**A1 NORTH ELEVATION**  
 1/8" = 1'-0"

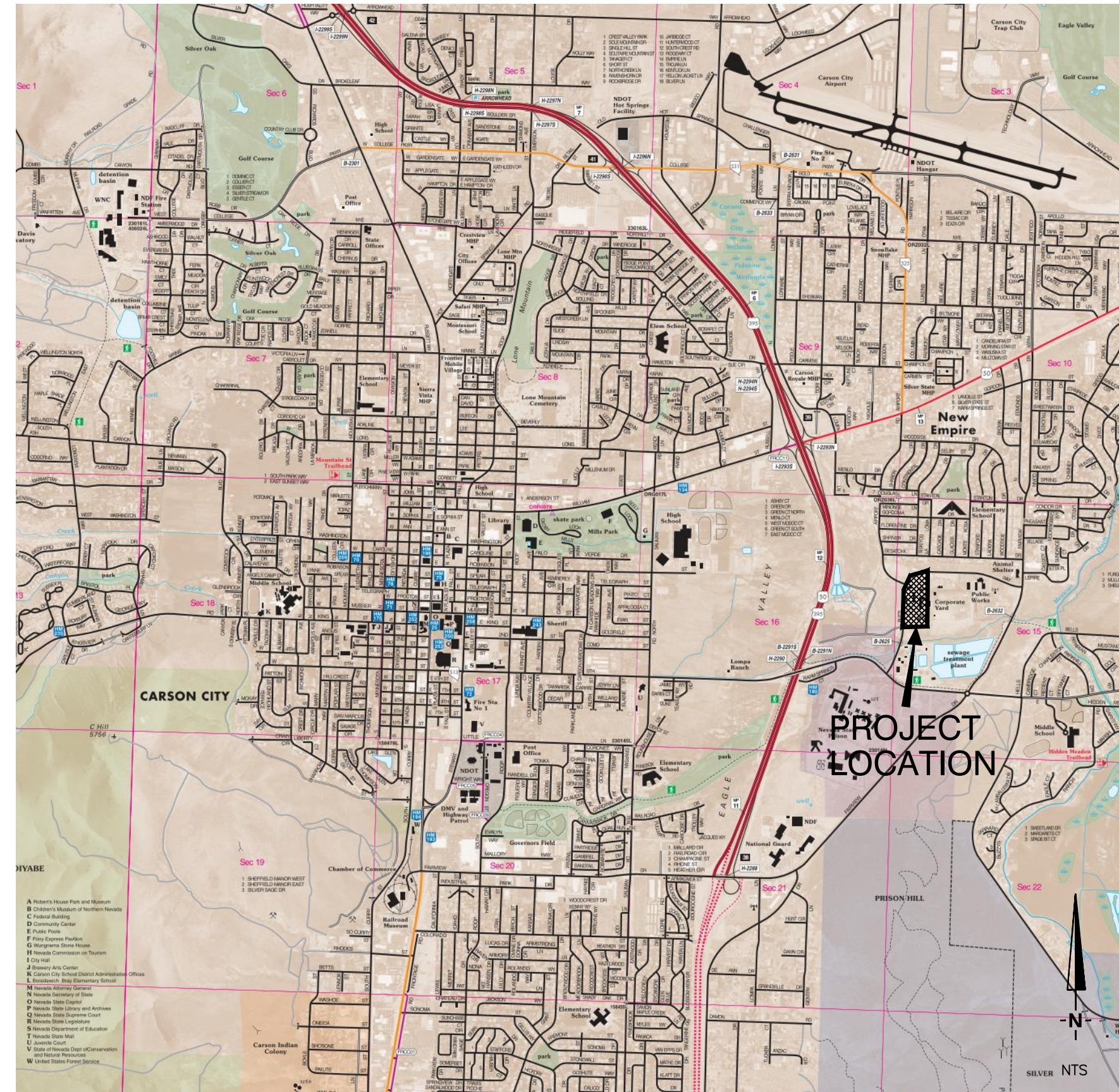
# Carson City Animal Shelter

549 Airport Road  
Carson City, Nevada 89701

## ABBREVIATIONS:

(SOME ABBREVIATIONS LISTED BELOW MAY NOT BE INCLUDED IN THIS PLAN SET)

AC	ASPHALTIC CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
APPROX.	APPROXIMATE
AP	ANGLE POINT
BC	BEGINNING OF CURVE
BF	BACKFLOW PREVENTOR
BLDG	BUILDING
BOS	BOTTOM OF STEP
BOW	BACK OF SIDEWALK
C&G	CURB AND GUTTER
C	CENTERLINE
COMP	COMPACTION
CONC	CONCRETE
CU YD	CUBIC YARD
DG	DECOMPOSED GRANITE
DIA	DIAMETER
DS	DOWNSPOUT
DWG	DRAWING
EC	END OF CURVE
EL	ELECTRIC
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX.	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FT	FEET
FW	FIRE WATER
G	GAS LINE
GS	GROUND SHOT
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
IE	INVERT ELEVATION
IRR	IRRIGATION
MAX	MAXIMUM
M.D.D.	MAXIMUM DRY DENSITY
MIN	MINIMUM
N	NORTH
NEC	NECESSARY
OHP	OVERHEAD POWER
PCC	PORTLAND CEMENT CONCRETE
PE	POLYETHYLENE
PIV	POST INDICATOR VALVE
POL	POINT ON LINE
POC	POINT ON CURVE
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RPBF	REDUCED PRESSURE BACKFLOW ASSEMBLY
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
TBC	TOP BACK OF CURB
TD	TRENCH DRAIN
TOB	TOP OF PCC BENCH
TOS	TOP OF STEP
TOW	TOP OF WALL
TS	TOP OF SLOPE
TYP.	TYPICAL
W	WATER
WV	WATER VALVE
W/	WITH
UOP	UNDERGROUND POWER
VG	VALLEY GUTTER
'	FEET
"	INCHES
%	PERCENT



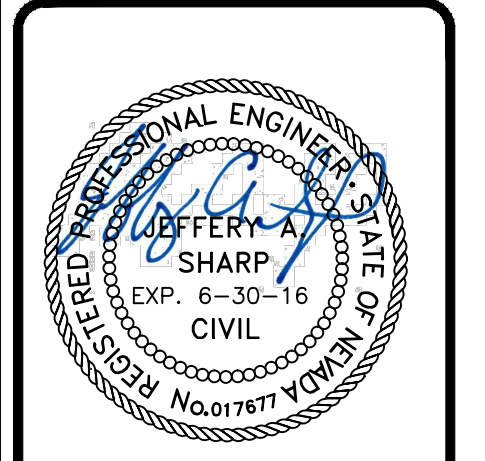
VICINITY MAP

## CIVIL SHEET INDEX

- Sheet C101 - Cover Sheet
- Sheet C102 - Demolition and Existing Site Plan
- Sheet C103 - Civil Site Plan
- Sheet C104 - Grading and Drainage Plan
- Sheet C105 - Overall Utility Plan
- Sheet C106 - Detailed Utility Plan
- Sheet C107 - Frontage Improvements Plan
- Sheet C108 - Details
- Sheet C109 - Details
- Sheet C110 - Details
- Sheet C111 - Details

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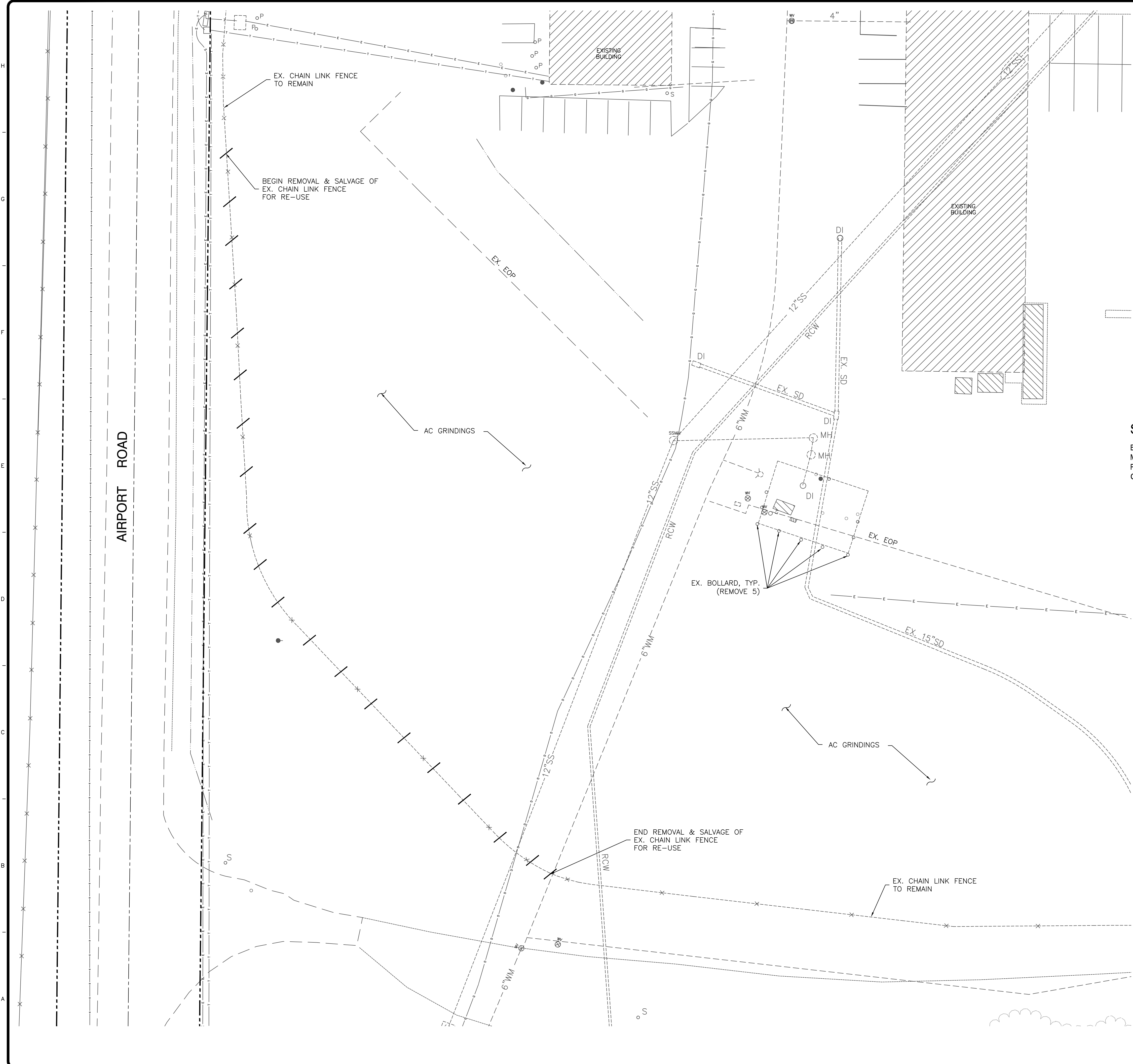
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COVER SHEET		REV.#	DATE	COMMENTS
REVISION:				
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REVISION:				

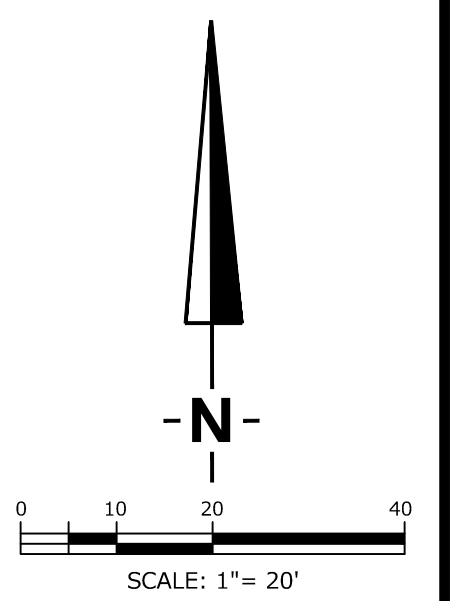
REVIEWS	
INITIALS	BDA DSGN. REV.
	BDA TECH REV.

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PROJECT NO.: 14-227.1C  
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**C101**





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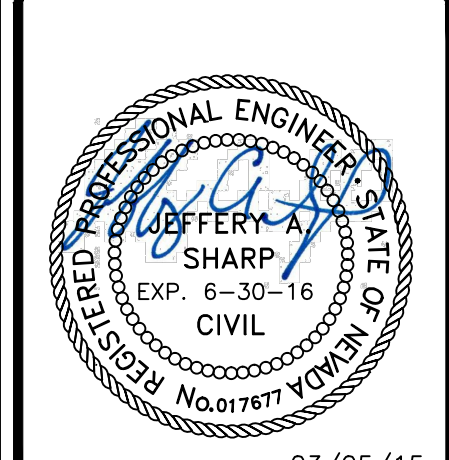
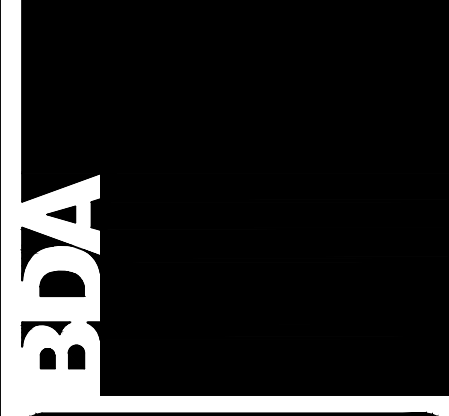


**SURVEY CONTROL:**

BEARINGS AND ELEVATIONS ARE BASED ON GPS OBSERVATION OF SURVEY MONUMENT 433234M PER THE CARSON CITY PUBLIC WORKS SURVEY CONTROL RECORD, NEVADA WEST ZONE 2703, NAVD88, NAD83 (1994), GROUND COORDINATES SCALED BY GRID TO GROUND FACTOR 1.0002.

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**DEMOLITION AND EXISTING SITE PLAN**

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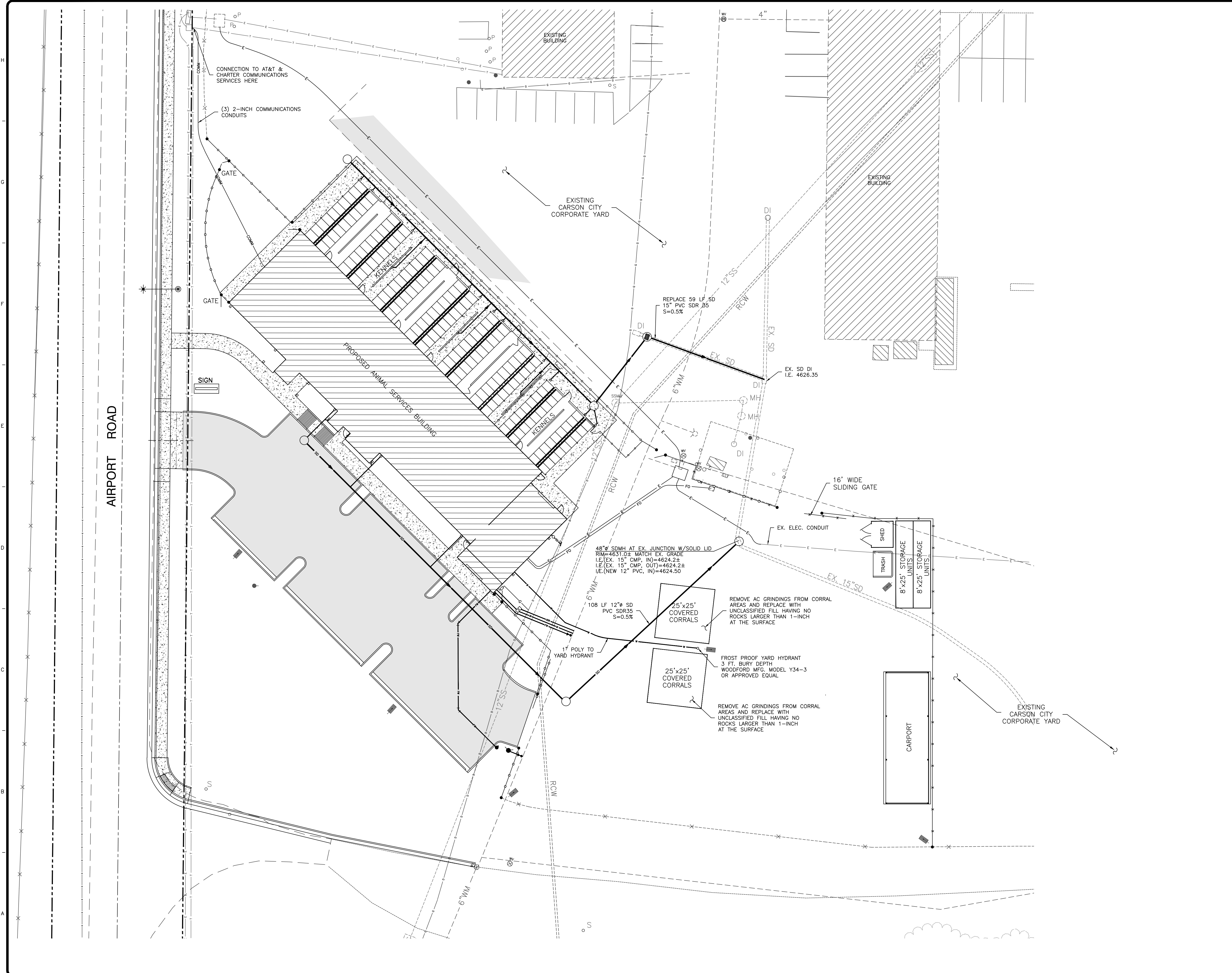
CCAS  
 PROJECT NO.: 14-227.1C  
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**C102**

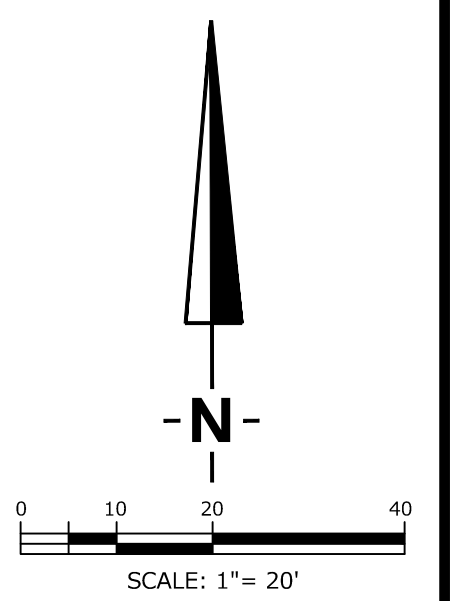
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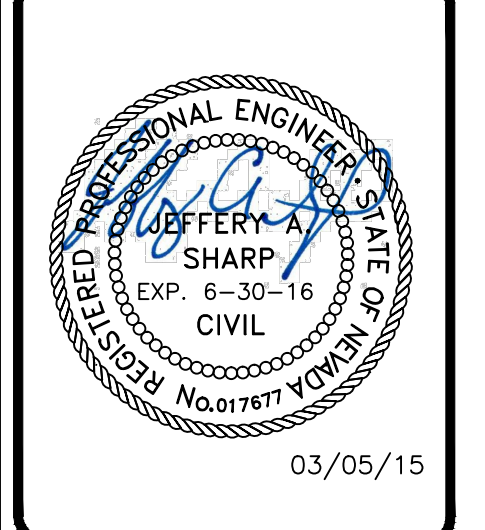


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**OVERALL UTILITY PLAN**

REV.#	DATE	COMMENTS

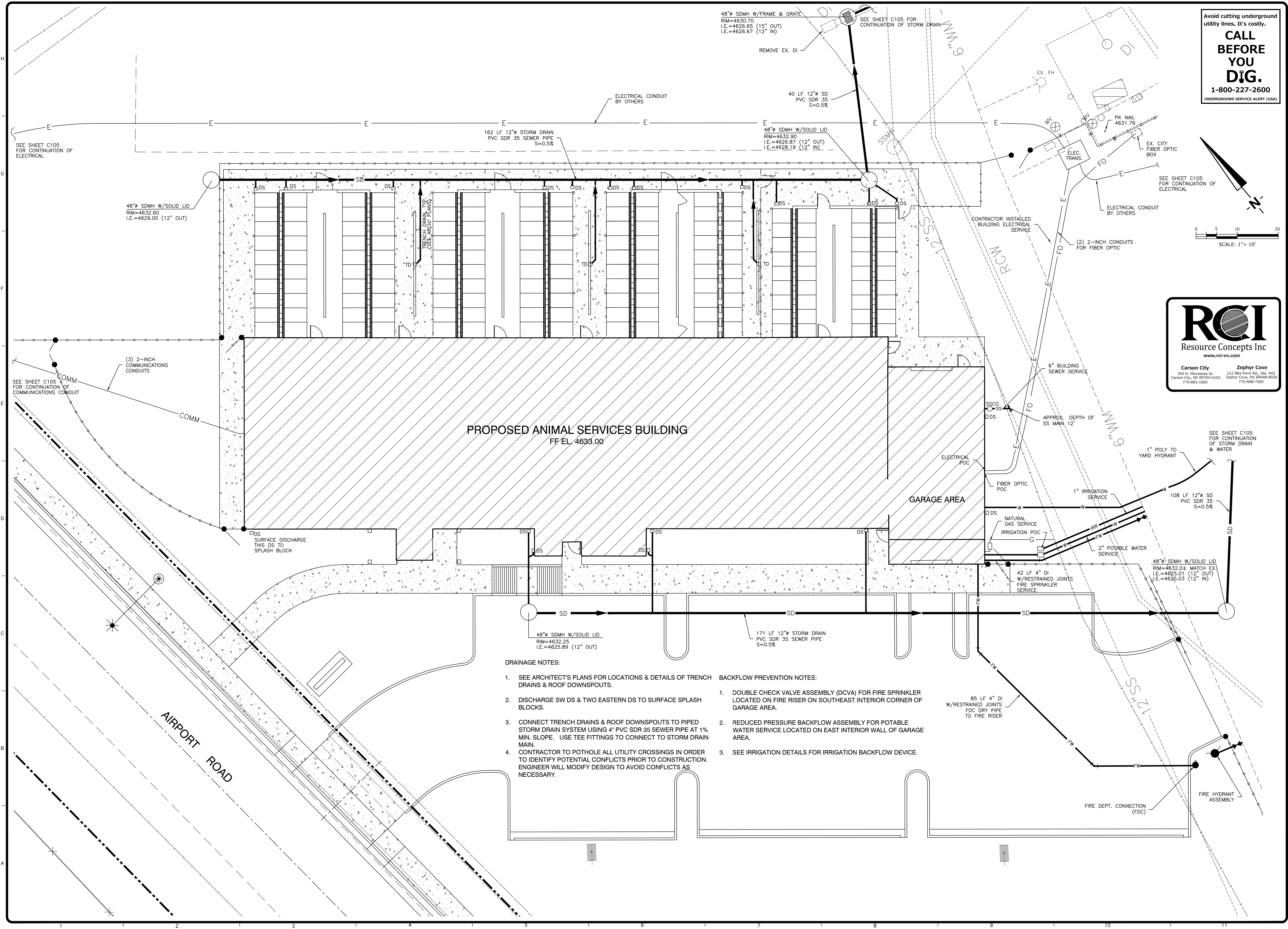
REVIEWS	
INITIALS	BDA DSGN. REV.
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**C105**

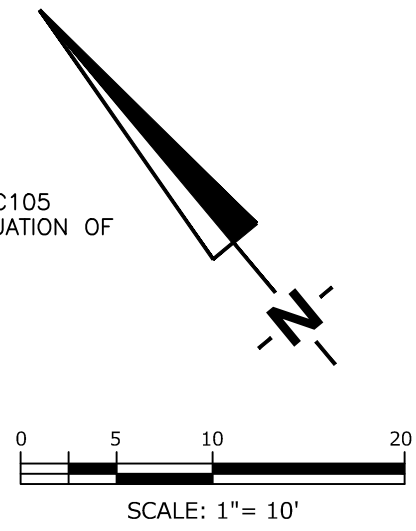
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- DRAINAGE NOTES:**
- SEE ARCHITECT'S PLANS FOR LOCATIONS & DETAILS OF TRENCH DRAINS & ROOF DOWNSPOUTS.
  - DISCHARGE SW DS & TWO EASTERN DS TO SURFACE SPLASH BLOCKS.
  - CONNECT TRENCH DRAINS & ROOF DOWNSPOUTS TO PIPED STORM DRAIN SYSTEM USING 4" PVC SDR 35 SEWER PIPE AT 1% MIN. SLOPE. USE TEE FITTINGS TO CONNECT TO STORM DRAIN MAIN.
  - CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS IN ORDER TO IDENTIFY POTENTIAL CONFLICTS PRIOR TO CONSTRUCTION. ENGINEER WILL MODIFY DESIGN TO AVOID CONFLICTS AS NECESSARY.
- BACKFLOW PREVENTION NOTES:**
- DOUBLE CHECK VALVE ASSEMBLY (DCVA) FOR FIRE SPRINKLER LOCATED ON FIRE RISER ON SOUTHEAST INTERIOR CORNER OF GARAGE AREA.
  - REDUCED PRESSURE BACKFLOW ASSEMBLY FOR POTABLE WATER SERVICE LOCATED ON EAST INTERIOR WALL OF GARAGE AREA.
  - SEE IRRIGATION DETAILS FOR IRRIGATION BACKFLOW DEVICE.

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REGISTERED PROFESSIONAL ENGINEER  
 JEFFERY A. SHARP  
 EXP. 6-30-16  
 CIVIL  
 No. 017677 (N.M.)

03/05/15

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**DETAILED UTILITY PLAN**

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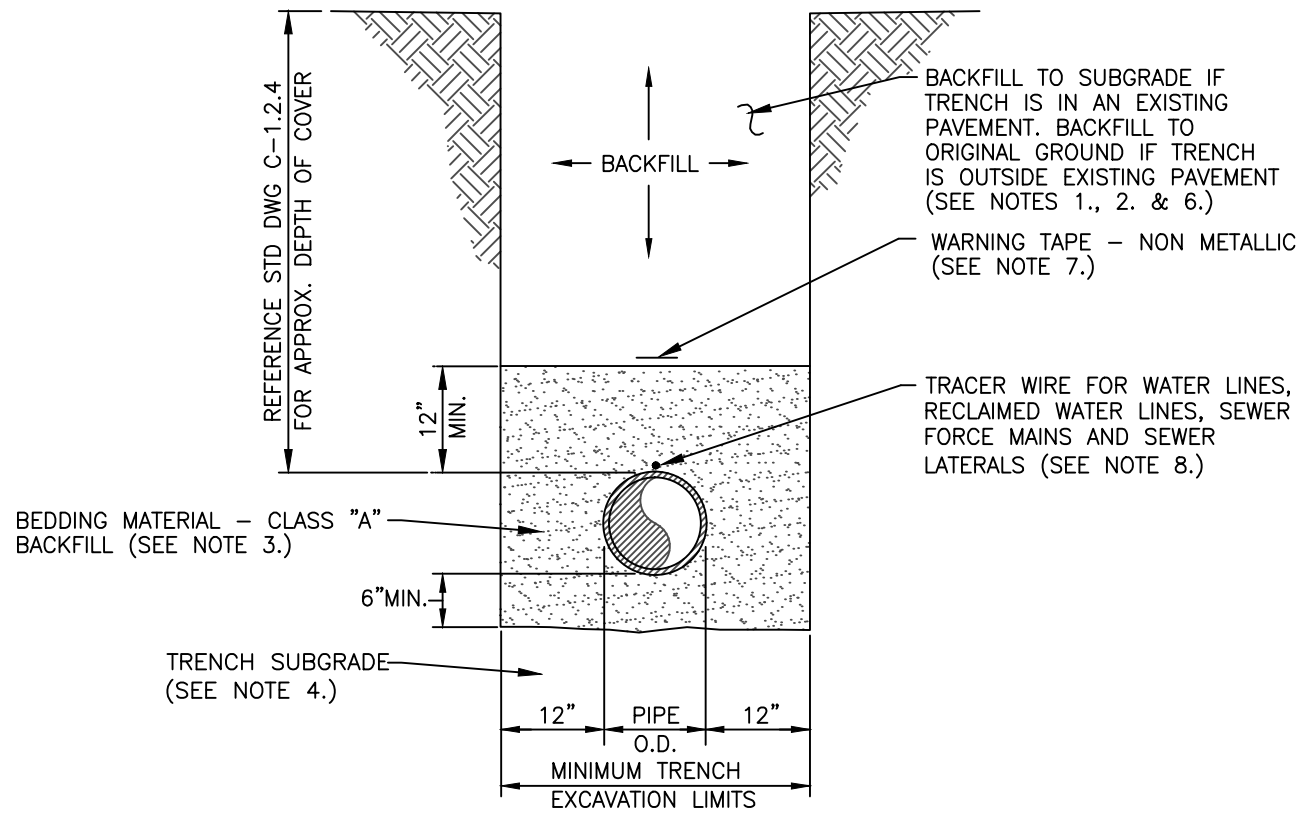
**C106**



- ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (SSPWC) AND THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (SDPW) AS ADOPTED BY CARSON CITY. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR PUBLIC WORKS CONSTRUCTION FROM THE CARSON CITY PERMIT CENTER PRIOR TO THE START OF CONSTRUCTION.
- ALL TRAFFIC CONTROL AND BARRICADING WITHIN THE CARSON CITY RIGHT-OF-WAY SHALL CONFORM TO SECTION 100.33, 332.04 AND 332.05 OF THE STANDARD SPECIFICATIONS, PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE UNR 12 CENTER, TEMPORARY TRAFFIC CONTROL GUIDELINES LATEST EDITION. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CARSON CITY ENGINEERING DIVISION PRIOR TO ANY STREET CLOSURES.
- THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" (811) OR (1-800-227-2600) AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION AND COMPLY WITH THE REQUIREMENTS OF NRS AND NAC 455 THROUGHOUT THE COURSE OF THE WORK. SEWER SERVICE LATERALS ARE NOT OWNED OR MARKED BY CARSON CITY.
- THE CONTRACTOR SHALL CALL THE CARSON CITY ENGINEERING DIVISION (887-2300) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL ONE (1) WORKING DAY PRIOR TO REQUIRED INSPECTIONS AND TESTING. THE REQUIRED INSPECTIONS AND TESTING ARE LISTED ON RECORD DRAWING PRINTS BY THE CONTRACTOR AND 10 WORKING DAYS TO PREPARE A FINAL PUNCH LIST. ALL CONDITIONS OF THE FINAL INSPECTION MUST BE COMPLETED PRIOR TO FINAL ACCEPTANCE OR APPROVAL OF A CERTIFICATE OF OCCUPANCY BY THE CARSON CITY ENGINEERING DIVISION.
- MODIFICATIONS TO THE APPROVED PLANS REQUIRES REVIEW AND APPROVAL BY THE CARSON CITY ENGINEERING DIVISION. WORK PERFORMED WITHOUT WRITTEN APPROVAL BY CARSON CITY ENGINEERING WILL REQUIRE REMOVAL AT THE CONTRACTORS EXPENSE.
- THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
- PLAN APPROVAL FOR SEWER AND WATER CONSTRUCTION SHALL EXPIRE ONE YEAR FROM DATE OF APPROVAL UNLESS CONSTRUCTION HAS BEEN INITIATED. (CMC 12.06.18DF, 12.01.1400)
- THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ACQUIRING A STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) INCLUDING DEVELOPING, SUBMITTING AND IMPLEMENTING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL DEVELOP, PLACE AND MAINTAIN STORM WATER PROTECTION DEVICES IN COMPLIANCE WITH THE NEVADA CONTRACTORS FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (JUNE 2008).

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1	NOTE 2	05/14		DRAWING NO. C-1.1.1
APPROVED BY: [Signature]				DATE 5/2014

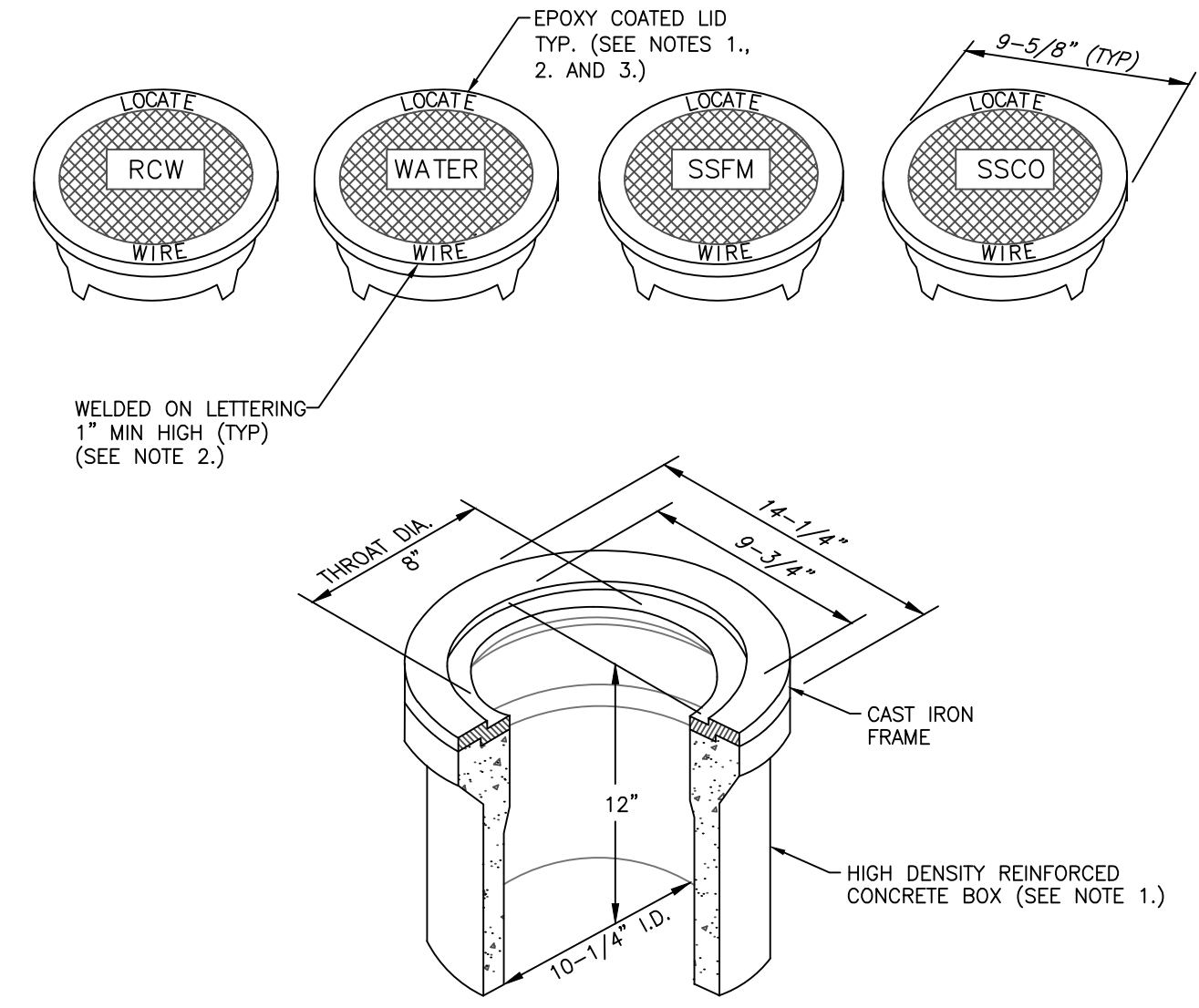
**GENERAL NOTES**



- NOTES:**
- WATER DENSIFIED BACKFILL AND TUNNELING SHALL BE BY SPECIAL PROVISION ONLY.
  - BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CLASS E BACKFILL AS SPECIFIED IN SUBSECTION 200.03.06 OF THE SSPWC. MATERIAL SHALL BE PLACED IN LIFT THICKNESS SUBSECTION 305.10 OF THE SSPWC AND DENSIFIED TO 90% RELATIVE COMPACTION.
  - BEDDING SHALL CONFORM TO THE REQUIREMENTS OF CLASS A BACKFILL AS SPECIFIED IN SUBSECTION 200.03.02 OF THE SSPWC. MATERIAL SHALL BE DENSIFIED TO 90% RELATIVE COMPACTION.
  - PLANS SHALL INCLUDE A DETAIL FOR SUBGRADE STABILIZATION INCLUDING BACKFILL MATERIAL, STRUCTURAL GEOTEXTILE FILTER FABRIC AND MODIFIED CUTOFF COLLARS WHEN POTENTIAL FOR UNSTABLE SUBGRADES EXIST, SUBJECT TO THE APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
  - FOR TRENCHES IN ROADWAY SECTION, SEE PAVEMENT PATCH DETAIL (DWG. NO. C-5.1.6).
  - FOR THE PURPOSE OF PAYMENT, EXCAVATION AND BACKFILL QUANTITIES ARE BASED ON THESE STANDARD DRAWINGS, AND NO ADDITIONAL COMPENSATION WILL BE MADE. SHORING OR SLOPED CUT SLOPES MAY BE NECESSARY, BUT THERE WILL BE NO ADDITIONAL PAYMENT. ALL EXCAVATIONS SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS.
  - PLACE NON METALLIC WARNING TAPE 1 FOOT ABOVE ALL BURIED PIPES AND CONDUITS.
  - TRACER WIRE SHALL BE 12 GAUGE (MINIMUM THICKNESS) INSULATED SOLID COPPER OR COPPER-CLAD STEEL CORE WIRE. INSULATION SHALL BE 30 MIL HDPE. PLANS SHALL SPECIFY WIRE STRENGTH AND INSULATION THICKNESS FOR BORING APPLICATIONS. SPLICES SHALL BE CONNECTED BY WIRE NUTS, SEALED WITH AQUA SEAL OR SILICON FILLED, AND DOUBLE WRAPPED WITH U/L LISTED ELECTRICAL TAPE. TRACER WIRE COLOR SHALL BE, BLUE FOR WATER, PURPLE FOR RECLAIMED WATER, AND GREEN FOR SEWER.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE 7/2009

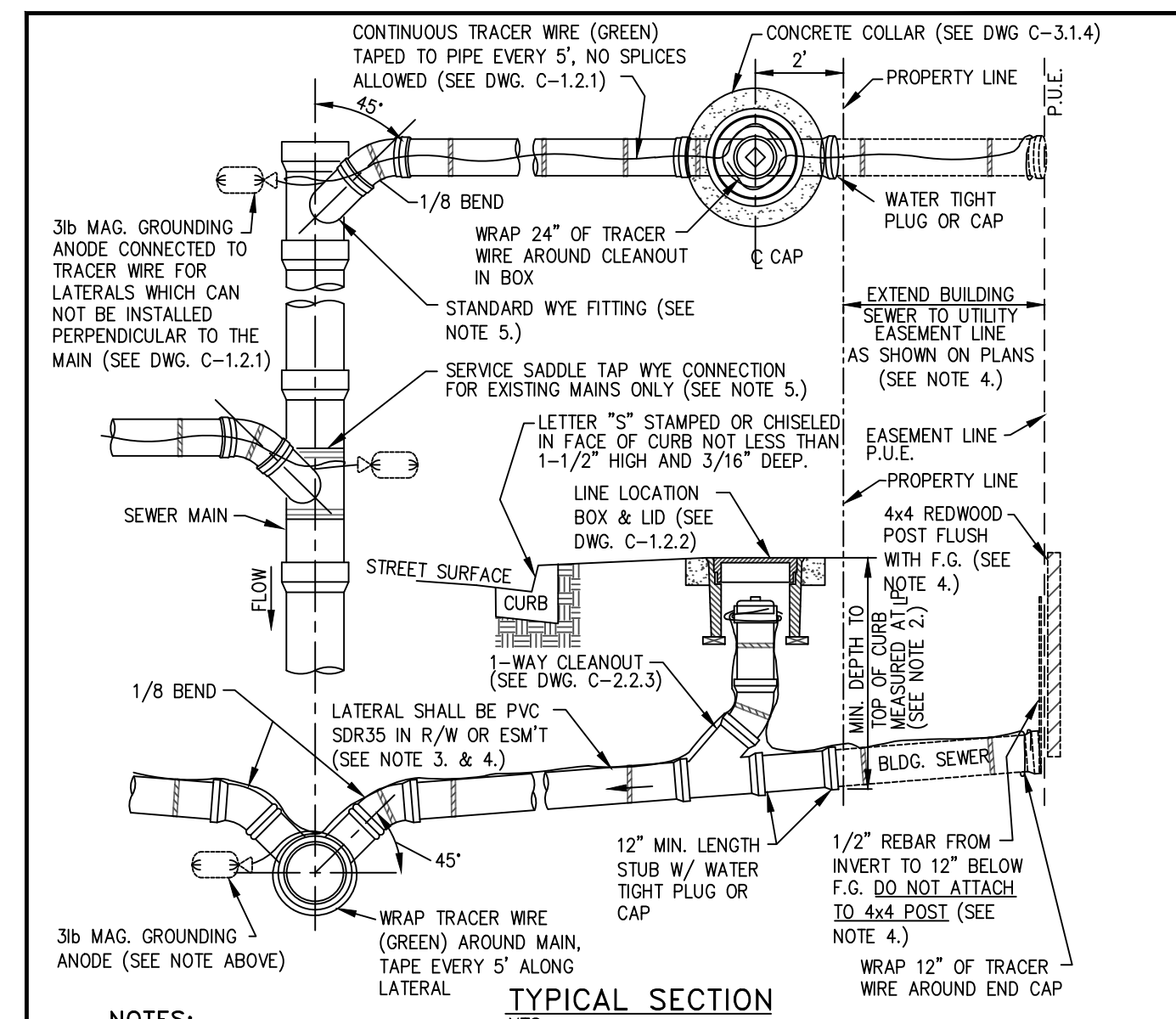
**TRENCH EXCAVATION AND BACKFILL**



- NOTES:**
- BOX AND LID SHALL BE TRAFFIC RATED WITH A MINIMUM INSIDE DIAMETER OF 10 INCHES (CHRISTY G3 TRAFFIC VALVE BOX & LID).
  - CAST IRON LID SHALL BE MARKED AT THE FACTORY "LOCATE WIRE", AND "WATER" FOR WATER APPLICATIONS, "RCW" FOR RECLAIMED WATER APPLICATIONS, "SSFM" FOR SANITARY SEWER FORCE MAIN APPLICATIONS, AND "SSCO" FOR SANITARY SEWER CLEANOUT APPLICATIONS.
  - CAST IRON LID SHALL BE EPOXY COATED AT THE FACTORY, OR POWDER COATED, COLOR SHALL BE BLUE FOR WATER APPLICATIONS, PURPLE FOR RECLAIMED WATER APPLICATIONS AND GREEN FOR SANITARY SEWER APPLICATIONS.
  - BOX SHALL BE SET OR ADJUSTED TO GRADE PER DRAWING NO. C-3.1.4. RISER FOR ADJUSTED BOX SHALL BE PER DRAWING NO. C-3.1.4 FOR OVERLAY ADJUSTMENTS, RISER WILL NOT REQUIRE REPLACEMENT OR EXTENSION IF IT EXTENDS A MINIMUM OF 2 INCHES INTO ADJUSTED BOX.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE 7/2009

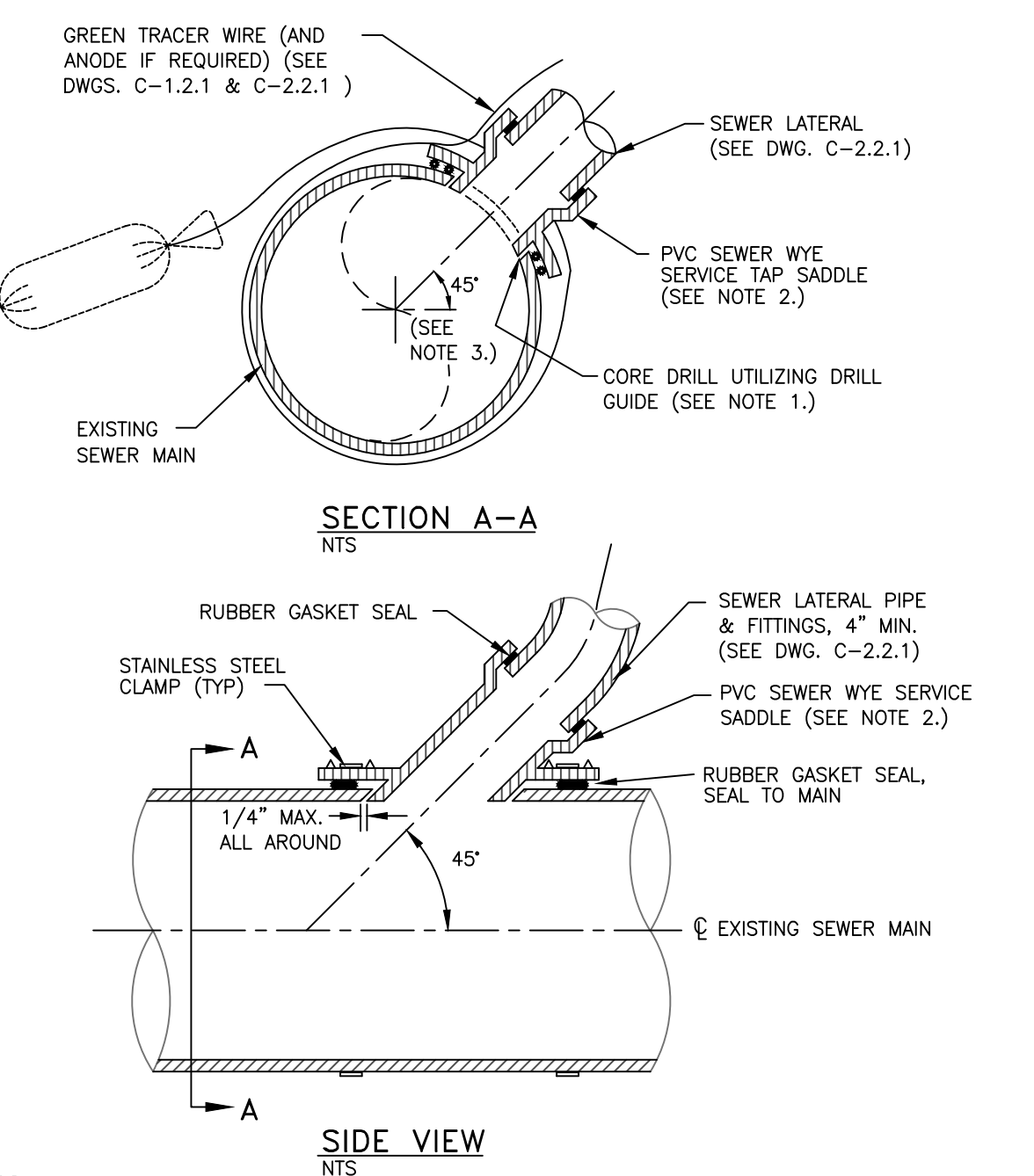
**LINE LOCATION BOX & LID**



- NOTES:**
- IN NO CASE SHALL A LATERAL CONNECT TO THE SEWER MAIN DIRECTLY ON TOP OR MATCH THE FLOWLINE OF THE PIPE.
  - SEWER LATERALS SHALL HAVE A MINIMUM SLOPE OF 2% PLANS SHALL INDICATE INVERT ELEV. REQUIRED TO SERVE PROPERTY AND CLEAR UNDERGROUND OBSTRUCTIONS.
  - ALL JOINTS ON SEWER LATERAL PIPE WITHIN THE RIGHT-OF-WAY SHALL BE COMPRESSION TYPE. C900 PVC MAY BE SUBSTITUTED FOR SDR35 TO MEET NDEP B50W SEPARATIONS.
  - LATERAL SHALL BE PERPENDICULAR TO THE MAIN AND EXTEND TO PROPERTY LINE. WHEN SHOWN ON PLANS TO INSTALL BUILDING SEWER PRIOR TO PUBLIC UTILITIES, INSTALLATION OF BUILDING SEWER IS EXTENDED TO UTILITY EASEMENT LINE, AND STANDARD WATERTIGHT PLUG OR CAP, REDWOOD POST AND REBAR SHALL BE INSTALLED AT EASEMENT LINE.
  - USE OF SEWER SERVICE TAP SADDLE CONNECTIONS SHALL NOT BE ALLOWED FOR NEW SEWER MAIN CONSTRUCTION. WHEN A TAP SADDLE CONNECTION IS TO BE USED ON AN EXISTING SEWER MAIN, IT SHALL BE A WYE SADDLE AND BE INSTALLED PER DWG. C-2.2.2.
  - DISCONTINUANCE OF USE OF AN EXISTING SEWER LATERAL REQUIRES ABANDONMENT OF THE LATERAL, CUT, REMOVE 1 FOOT OF EXISTING LATERAL AND CAP BOTH ENDS OF THE EXISTING SEWER LATERAL TO BE ABANDONED WITHIN 6 INCHES OF THE SEWER MAIN. INSPECTION BY CARSON CITY SEWER UTILITY IS REQUIRED PRIOR TO BACKFILL.
  - PROPERTY OWNER SHALL BE RESPONSIBLE FOR OPERATION, MAINTENANCE AND REPAIR OF THE SEWER LATERAL WITHIN THE PUBLIC RIGHT-OF-WAY PER CMC 12.05.050.5.

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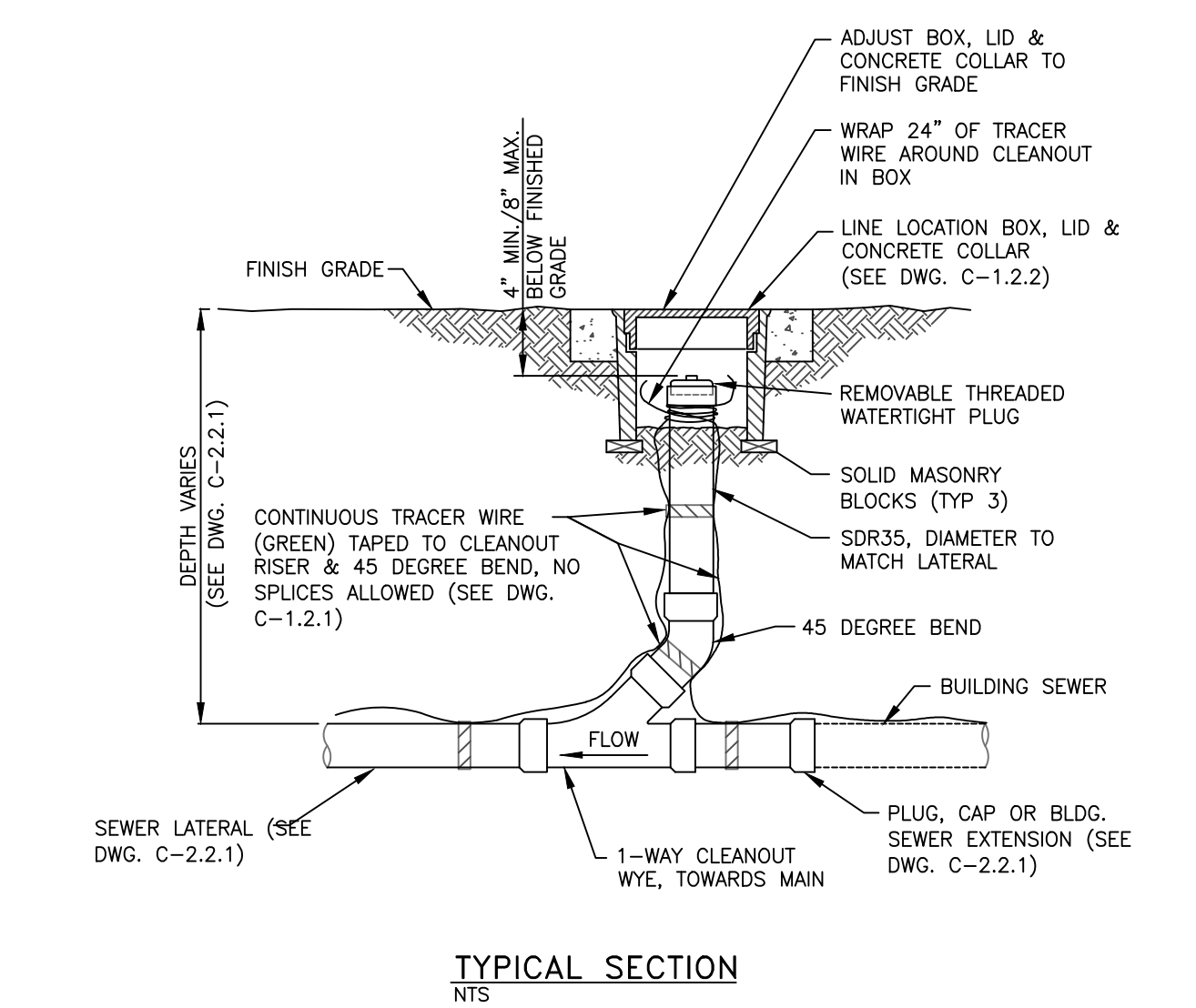
**SEWER LATERAL**



- NOTES:**
- EXISTING SEWER MAINS SHALL BE CORE DRILLED UTILIZING A DRILL GUIDE FOR A WYE SADDLE AND A CORE DRILL WITH A LENGTH EXCEEDING THE LATERAL DIAMETER, INSERT-A-DRILL ID75 & EXTRA LONG HOLE SAW OR APPROVED EQUAL. DIAMOND CORE BITS SHALL BE USED ON NON-PVC MAINS.
  - SERVICE TAP SADDLES SHALL BE PVC SEWER WYE SADDLES. A ROMAC STYLE "CB" SEWER SADDLE OR APPROVED EQUAL MAY BE USED ON EXISTING SEWER MAINS ONLY WHEN MAIN IS NOT PVC.
  - SADDLES SHALL BE INSTALLED AT 45 DEGREES TO MAIN AS SHOWN IN SECTION A-A. IN NO CASE SHALL A LATERAL CONNECTING TO THE EXISTING SEWER MAIN BE LOCATED DIRECTLY ON TOP OF THE PIPE, NOR SHALL IT MATCH THE FLOWLINE OF THE PIPE.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
1	NOTE 2	7/12		DRAWING NO. C-2.2.2 (203,306)
APPROVED BY: [Signature]				DATE 7/2009

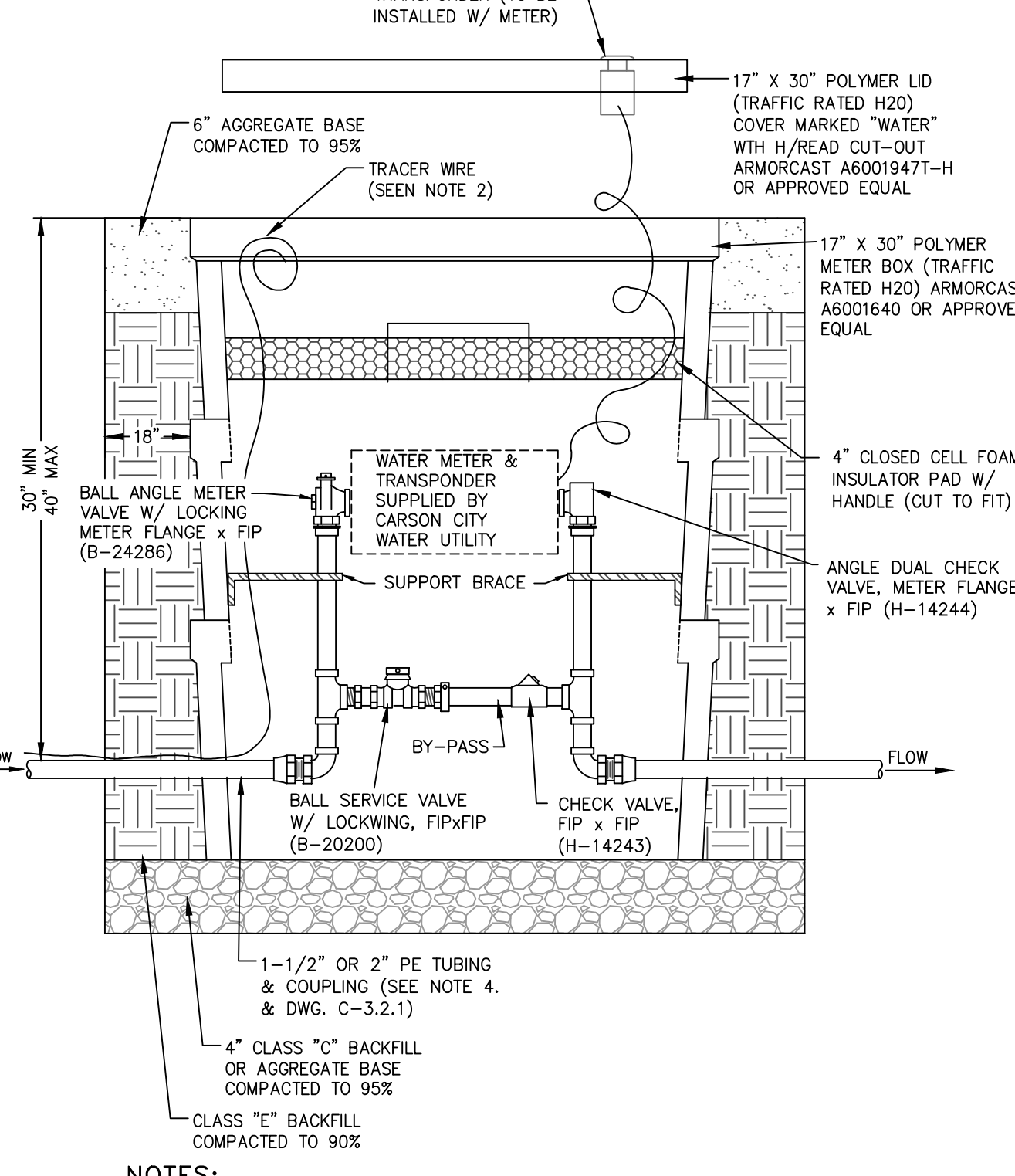
**SEWER SERVICE TAP SADDLE**



- NOTES:**
- ALL FITTINGS SHALL COMPLY WITH ANSI/NSF 372 REGARDING LOW LEAD CONTENT.
  - EXTEND TRACER WIRE AT LEAST 48" INTO METER BOX.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE 7/2009

**SEWER CLEANOUT**



- NOTES:**
- ALL FITTINGS SHALL COMPLY WITH ANSI/NSF 372 REGARDING LOW LEAD CONTENT.
  - EXTEND TRACER WIRE AT LEAST 48" INTO METER BOX.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE 5/2014

**1 1/2" - 2" METER SET (TRAFFIC RATED)**

**TYPICAL SITE PAVEMENT SECTION**

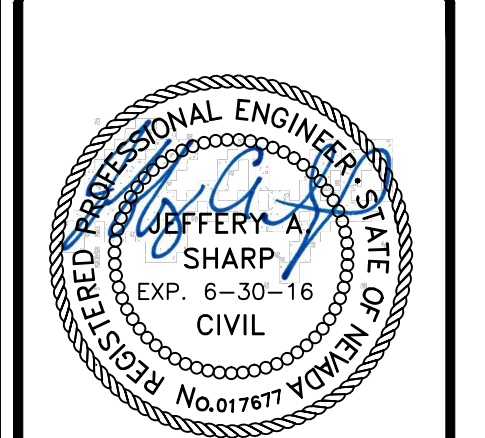
NO SCALE



NOTE: DEPTHS SHOWN ARE MINIMUM COMPACTED THICKNESS

901 Lamberton Pl. NE  
 Albuquerque, NM 87107  
 Phone: (505) 858-0800  
 Fax: (505) 858-0111  
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03/05/15

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REV.#	DATE	COMMENTS

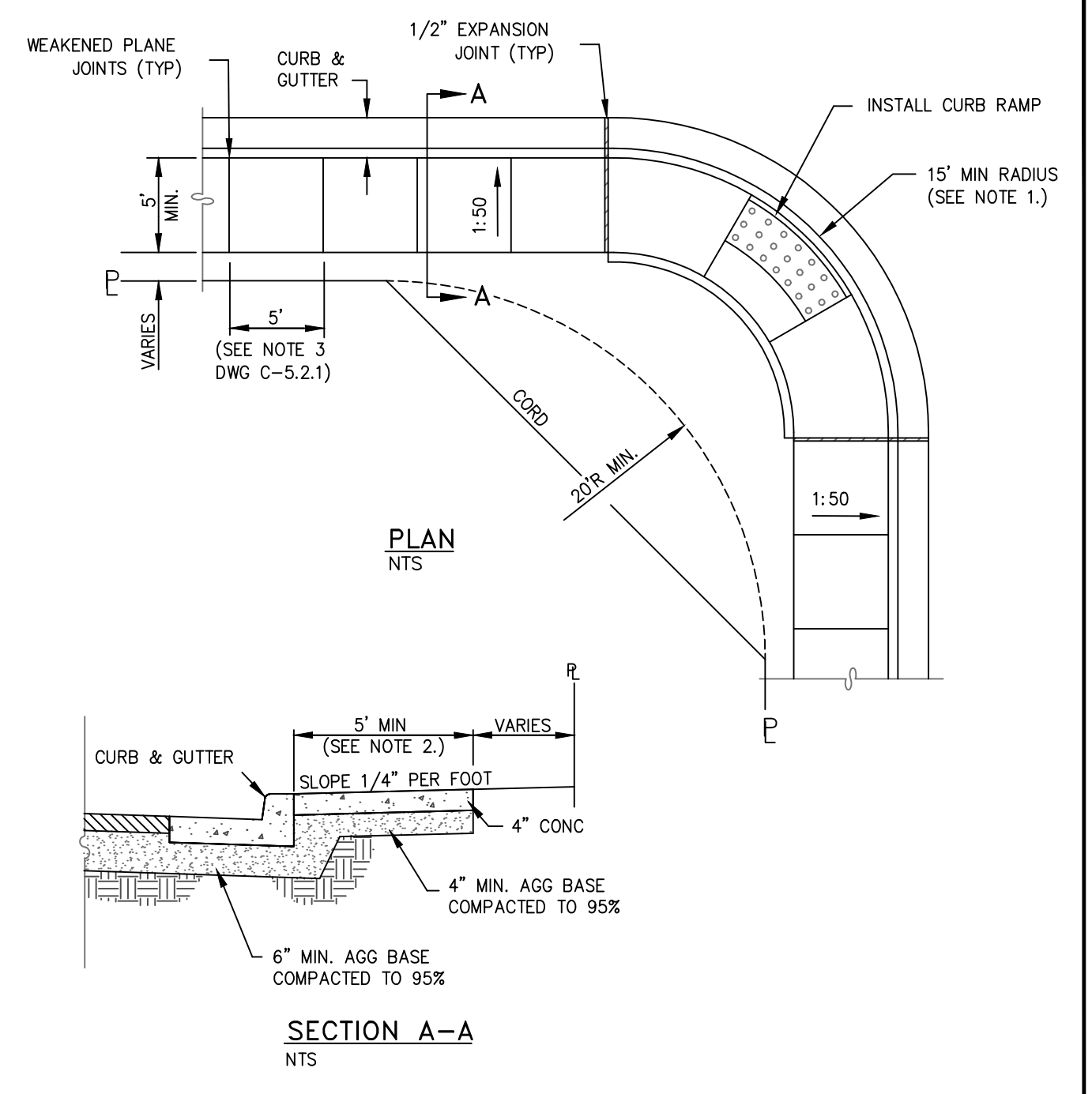
INITIALS	REVIEWS
	BDA DSGN. REV.
	BDA TECH. REV.

CCAS  
 PROJECT NO.: 14-227.1C  
 DRAWN: MLM/FRB  
 DATE: 03/05/15



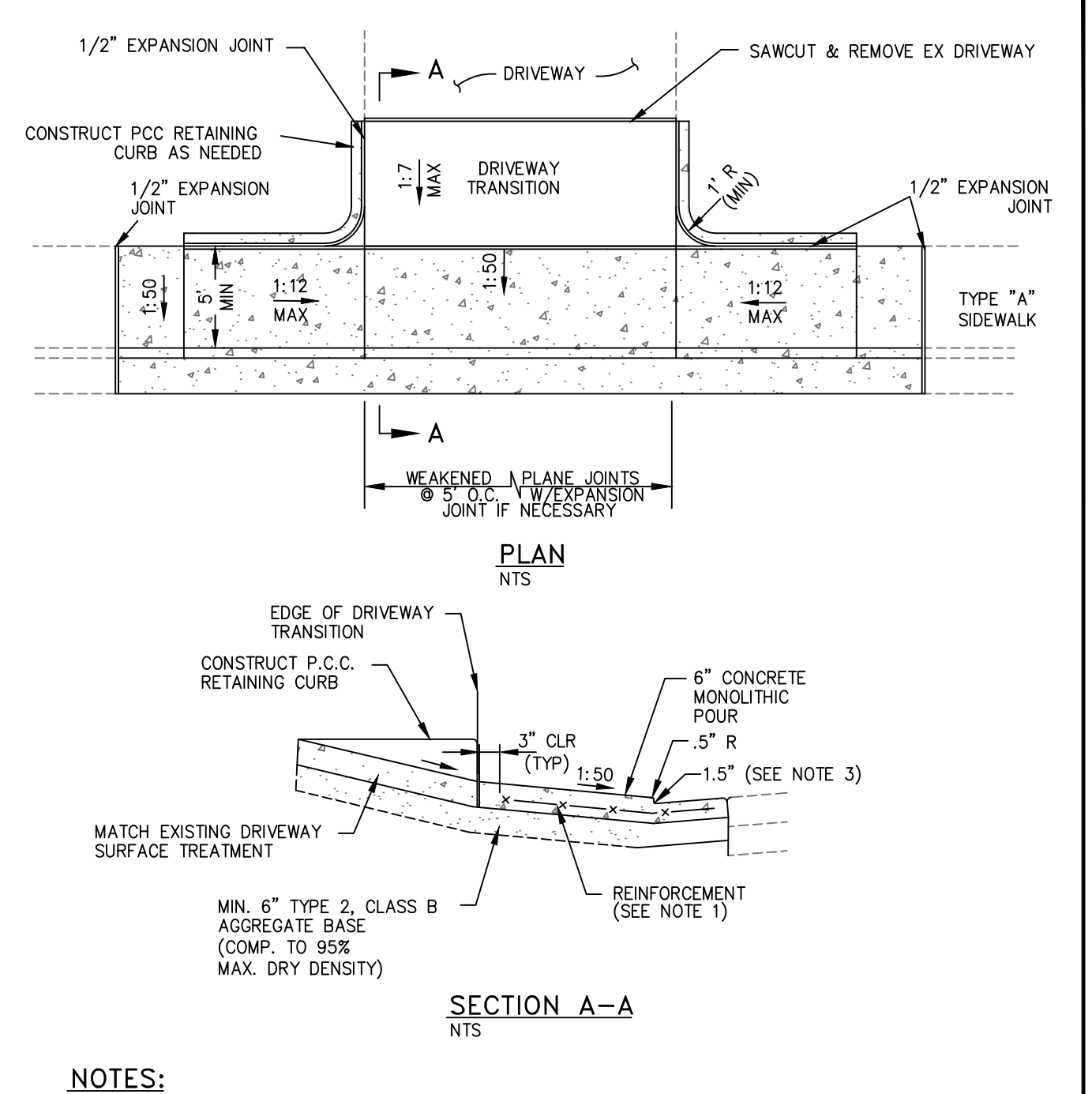
**C108**

- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED AND APPROVED BY CARSON CITY PUBLIC WORKS.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), WITH COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67 PER SECTION 200.05.03 OF THE STANDARD SPECIFICATIONS, AND SHALL HAVE A 1 TO 4 INCH SLUMP, AND 4 TO 7 PERCENT ENTRAINED AIR. 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF TYPE II CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY PUBLIC WORKS. A MINIMUM SURFACE OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE AND A MINIMUM SURFACE OF 4 FEET CLEAR IS REQUIRED WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE, UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER. EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP, WITHIN AN ACCESSIBLE ROUTE OR BIKE LANE.



- NOTES:**
- MINIMUM CURB RETURN RADIUS SHALL BE 15 FEET UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
  - SOME STREETS MAY REQUIRE WIDER SIDEWALKS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			TYPE "A" SIDEWALK	DRAWING NO. C-5.2.2
				DATE 7/2009

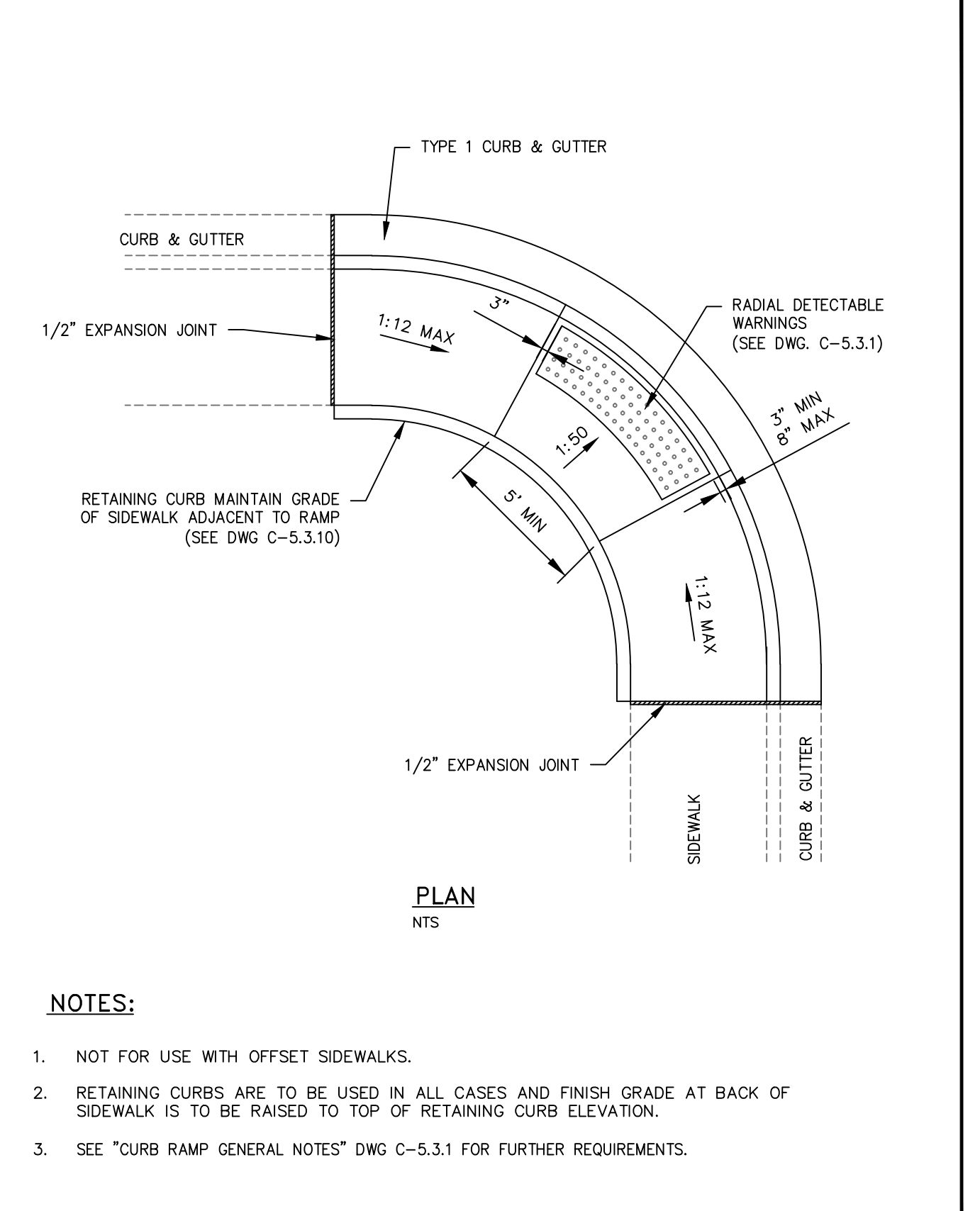


- NOTES:**
- COMMERCIAL DRIVEWAYS TO HAVE 6 INCH X 6 INCH 10/10 WIRE MESH EXTENDED INTO GUTTER PAN UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
  - DRIVEWAY LANDING, SIDEWALK, CURB & GUTTER TO BE MONOLITHIC POUR TO A.C. LINE.
  - CURB HEIGHT AT LANDING SHALL BE 1 INCH MINIMUM AND 2 INCH MAXIMUM (3 INCH MAX UPON CARSON CITY PUBLIC WORKS APPROVAL) 2 INCH RADIUS TO BE USED WHEN CURB HEIGHT AT LANDING IS GREATER THAN 2 INCHES.
  - DRIVEWAY APRONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.2.1.

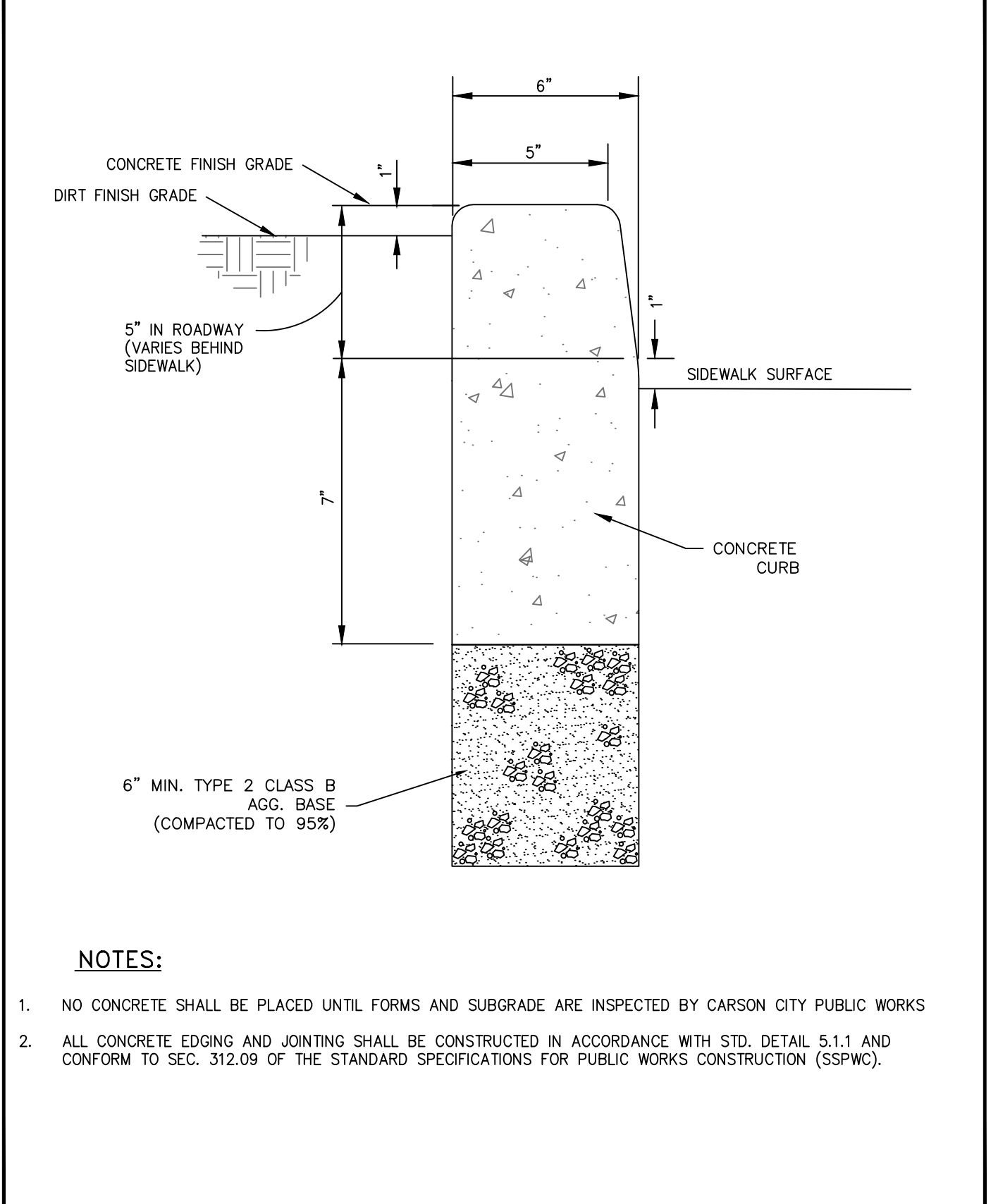
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			P.C.C. DRIVEWAY APRON TYPE 1	DRAWING NO. C-5.2.3
				DATE 5/2014

- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY CARSON CITY ENGINEERING DIVISION.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARDS WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. A MINIMUM LANDING OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE. A MINIMUM OF 4 FEET CLEAR IS MAY BE USED UPON APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE.
- WHEN A CROSSWALK IS SERVICED BY RAMP, LANDINGS SHALL BE CONTAINED WITHIN THE CROSSWALK AREA.
- EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP. GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING.
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- DETECTABLE WARNINGS SHALL BE EAST JORDAN IRON WORKS 7005 SERIES CAST IRON DETECTABLE WARNING PLATES OR APPROVED EQUAL. INSTALLED PER MANUFACTURERS INSTALLATION GUIDELINES AND CONFORM TO ADAAG (4.29) "DETECTABLE WARNINGS". COLOR: ASPHALT DIPPED UNLESS OTHERWISE APPROVED BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. RADIAL DETECTABLE WARNINGS SHALL BE USED WHEN REQUIRED TO MAINTAIN MINIMUM CLEARANCE OF 3 INCHES AND MAXIMUM CLEARANCE OF 8 INCHES FROM DETECTABLE WARNINGS TO BACK FACE OF CURB. RADIAL DETECTABLE WARNINGS SHALL HAVE A RADIUS WITHIN 5 FEET OF BACK FACE OF CURB RADIUS.
- AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER. EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP OR WITHIN AN ACCESSIBLE ROUTE.

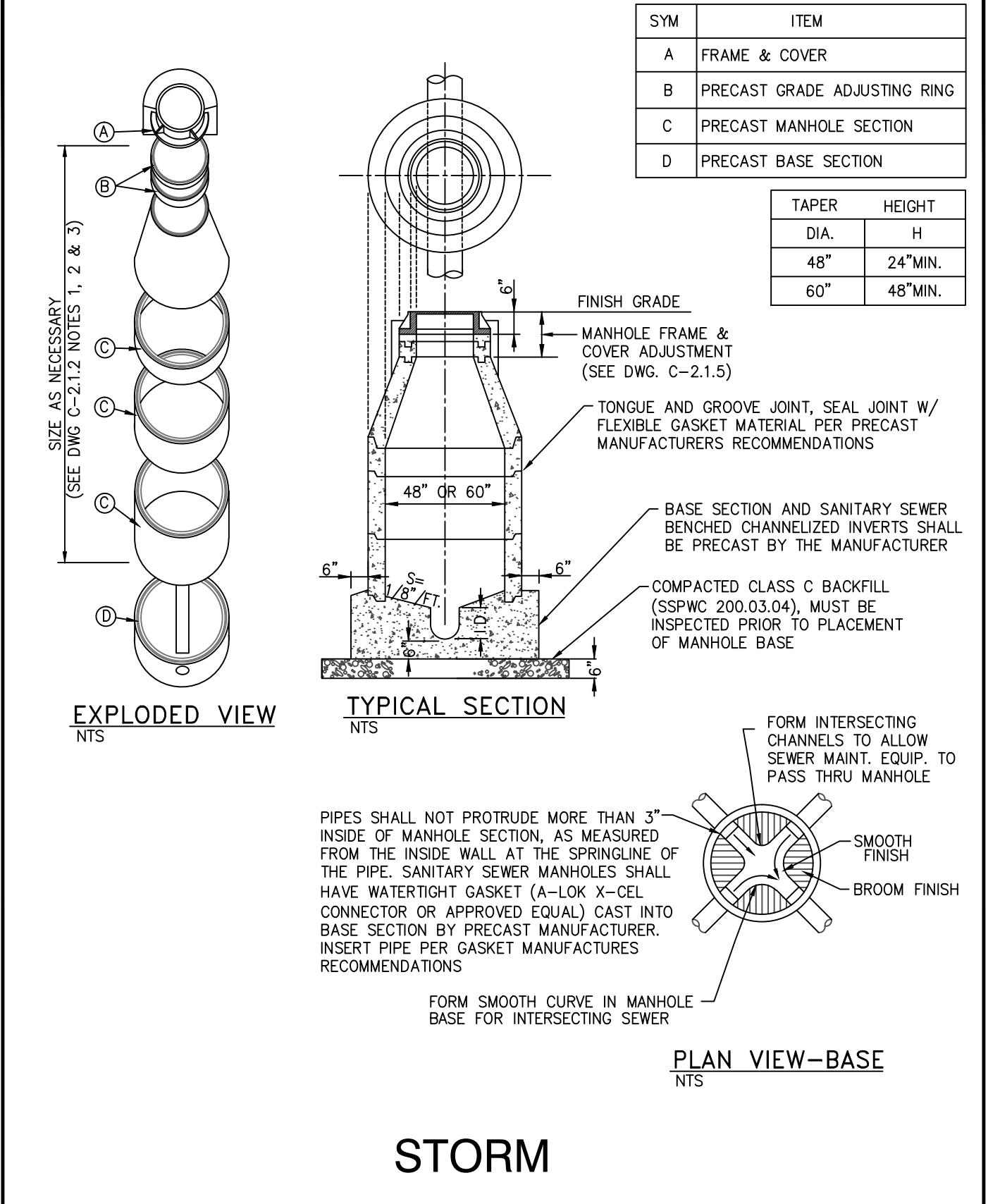
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			CURB RAMP GENERAL NOTES	DRAWING NO. C-5.3.1
				DATE 6/2012



NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			PARALLEL CURB RAMP APEX	DRAWING NO. C-5.3.5
				DATE 7/2009



NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			P.C.C. RETAINING CURB	DRAWING NO. C-5.3.10
				DATE 7/2009

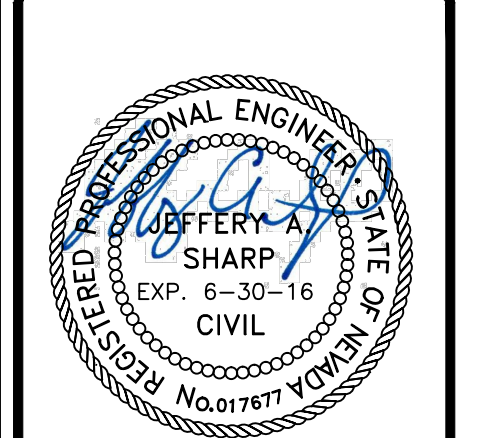


NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
				CARSON CITY
			STORM MANHOLE TYPE 1	DRAWING NO. C-2.1.3 (204, 306)
				DATE 7/2009

901 Lamberton Pl. NE  
 Albuquerque, NM 87107  
 Phone: (505) 833-8000  
 Fax: (505) 833-0111  
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03/05/15

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REV.#	DATE	COMMENTS

INITIALS	REVIEWS
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	BDA TECH. REV.

CCAS  
 PROJECT NO.: 14-227.1C  
 DRAWN: MLM/FRB  
 DATE: 03/05/15

**C111**

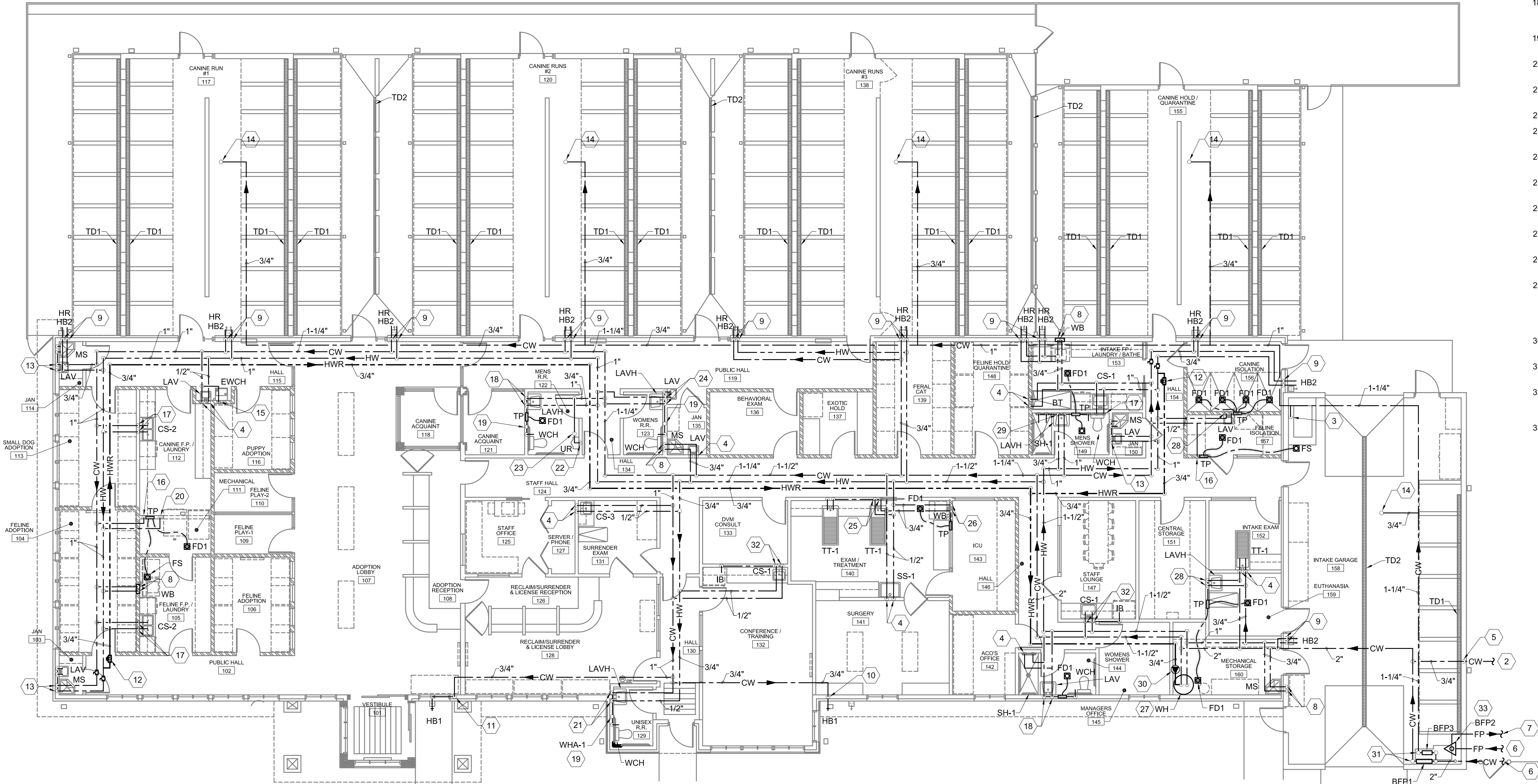


**GENERAL NOTES**

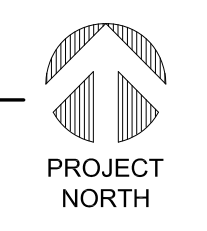
A. REFER TO PLUMBING SHEET P101 FOR GENERAL NOTES.

**KEYED NOTES**

1. GAS LINE UP TO ROOF TOP UNIT. REFER TO SHEET P105 FOR CONTINUATION.
2. 3/4" CW TO YARD HYDRANT. COORDINATE WITH CIVIL AND ARCHITECT FOR LOCATION OF YARD HYDRANT.
3. MAKE-UP WATER FOR RADIANT HEAT BOILER. COORDINATE WITH MECHANICAL.
4. 1/2" CW AND 1/2" HW DOWN IN WALL TO PLUMBING FIXTURE.
5. 3/4" CW DOWN IN WALL TO BELOW GRADE AND ROUTE AS SHOWN.
6. REFER TO CIVIL FOR CONTINUATION.
7. TO FIRE DEPARTMENT CONNECTION. REFER TO CIVIL FOR CONTINUATION.
8. 3/4" CW AND 3/4" HW DOWN IN WALL TO PLUMBING FIXTURE.
9. 1/2" CW AND 1/2" HW DOWN IN WALL TO HOSE BIBB.
10. 3/4" CW DOWN IN WALL TO HOSE BIBB.
11. 3/4" CW DOWN IN WALL. ROUTE IN WALL AND BELOW WINDOW TO HOSE BIBB.
12. PROVIDE AND INSTALL BALANCING VALVE AT THIS LOCATION. PROVIDE ACCESS PANEL AS REQUIRED. COORDINATE WITH ARCHITECT.
13. 3/4" CW AND 3/4" HW DOWN IN WALL. ROUTE 3/4" CW AND 3/4" HW TO MOP SINK AND EXTEND 1/2" CW AND 1/2" HW TO LAVATORY.
14. 3/4" MAKE-UP WATER UP TO EVAP COOLERS ON ROOF. REFER TO SHEET P105 FOR CONTINUATION.
15. 1/2" CW DOWN IN WALL TO ELECTRIC WATER COOLER.
16. 1/2" CW DOWN IN WALL TO TRAP PRIMER. EXTEND 1/2" CW BELOW FLOOR TO FLOOR DRAIN AND/OR FLOOR SINK.
17. 1/2" CW AND 1/2" HW DOWN IN WALL TO COUNTER SINK. PROVIDE 1/2" HW CONNECTION FOR DISHWASHER.
18. 3/4" CW AND 1/2" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO LAVATORY AND EXTEND 1/2" CW TO TRAP PRIMER AND 3/4" CW TO WATER CLOSET. PROVIDE ACCESS PANEL FOR TRAP PRIMER AS REQUIRED. COORDINATE WITH ARCHITECT.
19. PROVIDE WATER HAMMER ARRESTOR PRIOR TO WATER CLOSET. PROVIDE ACCESS PANEL AS REQUIRED. COORDINATE WITH ARCHITECT.
20. 3/4" CW DOWN IN WALL AND CONNECT TO CLOTHES WASHER AS PER MANUFACTURER'S REQUIREMENTS.
21. 3/4" CW AND 1/2" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO LAVATORY AND EXTEND 3/4" CW TO WATER CLOSET.
22. 3/4" CW DOWN IN WALL TO URINAL.
23. PROVIDE WATER HAMMER ARRESTOR PRIOR TO URINAL. PROVIDE ACCESS PANEL AS REQUIRED. COORDINATE WITH ARCHITECT.
24. 3/4" CW AND 3/4" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO EACH LAVATORY AND EXTEND 3/4" CW TO EACH WATER CLOSET.
25. 3/4" CW AND 3/4" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO EACH TREATMENT TABLE.
26. 3/4" CW AND 3/4" HW DOWN IN WALL TO CLOTHES WASHER AND EXTEND 1/2" CW TO TRAP PRIMER.
27. 1-1/2" HW FROM WATER HEATER. 1-1/2" CW AND 3/4" HWR TO WATER HEATER. REFER TO DETAIL.
28. 1/2" CW AND 1/2" HW DOWN IN WALL TO LAVATORY. EXTEND 1/2" CW TO TRAP PRIMER. PROVIDE ACCESS PANEL AS REQUIRED. COORDINATE WITH ARCHITECT.
29. 1" CW AND 3/4" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO LAVATORY. EXTEND 1/2" CW AND 1/2" HW TO SHOWER. 1/2" CW TO TRAP PRIMER. AND 3/4" CW TO WATER CLOSET. PROVIDE WATER HAMMER ARRESTOR PRIOR TO WATER CLOSET. PROVIDE ACCESS PANEL FOR TRAP PRIMER AND WATER HAMMER ARRESTOR AS REQUIRED. COORDINATE WITH ARCHITECT.
30. INSTALL HOT WATER CIRCULATOR (CP-1) AT THIS LOCATION. COORDINATE WITH ELECTRICAL CONTRACTOR.
31. INSTALL BFP3 ON WALL AND ABOVE BFP1. CONTRACTOR SHALL INSTALL BOTH BACKFLOW PREVENTORS AT ACCESSIBLE HEIGHTS.
32. 1/2" CW AND 1/2" HW DOWN IN WALL. ROUTE 1/2" CW AND 1/2" HW TO COUNTER SINK. PROVIDE 1/2" HW CONNECTION FOR DISHWASHER AND EXTEND 1/2" CW TO ICE MAKER BOX (IB).
33. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, DESIGN, AND APPROVAL OF FIRE SUPPRESSION SYSTEM.



**A1 PLUMBING WATER PLAN**  
1/8"=1'-0"



**THE RESPONSE GROUP, INC.**  
An Electrical/Mechanical Engineering Corporation  
11930 Menard N.E. Suite 314  
Albuquerque, New Mexico 87112  
Phone: (505) 323-7625 Fax: (505) 323-7394  
E-mail: theresponsegroup@trginc.net

901 Lamberon Pl. NE  
Albuquerque, NM 87107  
Phone: (505) 868-0180  
Fax: (505) 868-0180  
Email: info@bda.com

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**BDA**

STATE OF NEVADA  
PLUMBING ENGINEER  
DAVID C. GRAHAM  
No. 11515  
ISSUED 08/18/15  
EXPIRES 08/18/16

**CARSON CITY ANIMAL SERVICES**  
549 Airport Road  
Carson City, Nevada 89701  
City of Carson City

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**PLUMBING WATER PLAN**

REV.#	DATE	COMMENTS

**REVIEWS**

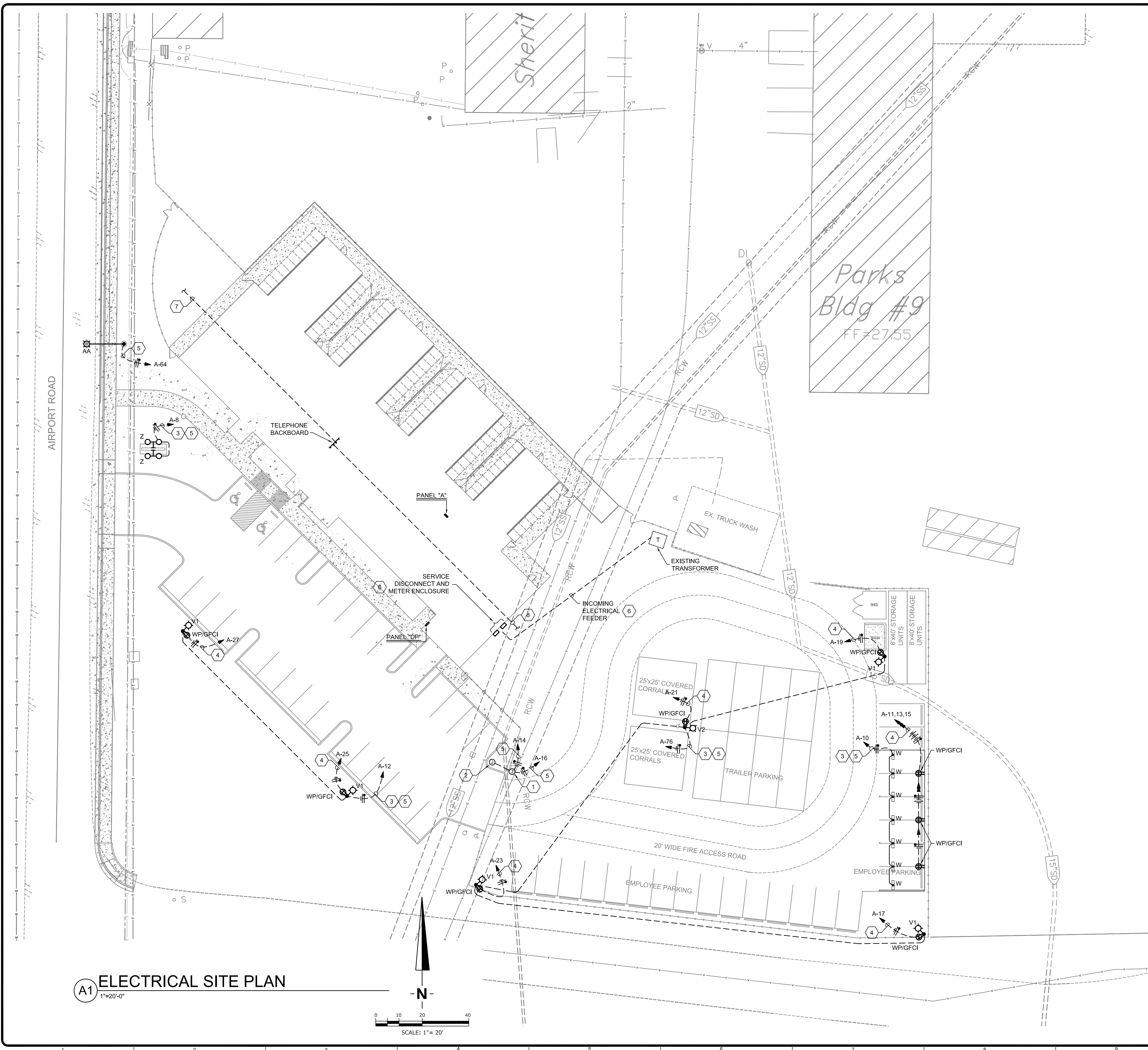
INITIALS	DESIGN. REV.	TECH. REV.

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DRAWN: CMB/TD  
DATE: 2/27/2015

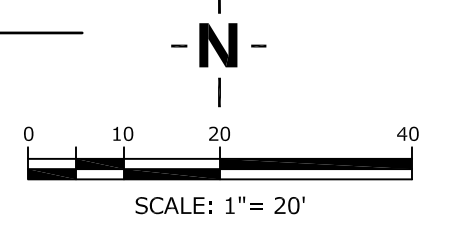
**P102**  
OF

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Drawing Name:

Date: March 5, 2015 - 9:57 AM - Julia  
 Plot Date: March 5, 2015 - 9:57 AM  
 Drawing Name: F:\15016 Carson City Animal Services\15016 ES101 - Electrical Site Plan.dwg  
 Scale: 1"=20'-0"



**A1 ELECTRICAL SITE PLAN**  
1"=20'-0"



**PROJECT GENERAL NOTES**

**REQUIREMENTS**  
Installation, materials, equipment and workmanship shall conform to the applicable provisions of the NFPA, the National Electrical Code (NEC), the National Electrical Safety Code (NESC) and the terms and conditions of the Electrical Utility and other authorities having lawful jurisdiction pertaining to the work required. All modifications required by these codes, rules, regulations and authorities shall be made by the Contractor without additional cost.

Conflicting code requirements shall be brought to the attention of the Architect. Where two or more codes apply, the most stringent of the codes shall govern.

**EQUIPMENT REQUIREMENTS**  
The Electrical requirements for equipment specified or indicated on the Drawings are based on information available at the time of design. If equipment furnished for installation has Electrical requirements other than indicated on the Electrical Drawings, the Contractor shall make all adjustments to wire and conduit size, controls, disconnecting means, overcurrent protection and installation as required to accommodate the equipment supplied, without additional cost to the Owner. All adjustments to the Drawings reflecting the Electrical System shall be delineated in a submittal to the Architect immediately upon knowledge of the required adjustments. The complete responsibility and costs for such adjustments shall be assigned to the respective section of these Specifications in which the equipment is furnished.

**PROJECT EXECUTION**  
Fabrication, erection and installation of the complete Electrical System shall be done in a first class workmanlike manner by qualified personnel experienced in such work and shall proceed in an orderly manner so as not to hold up the progress of the project. The Contractor shall check all areas and surface where Electrical equipment or material is to be installed, removed or relocated and report any unsatisfactory conditions before starting work. Commencement of work signifies this Contractor's acceptance of the prevailing conditions.

**UTILITY REQUIREMENTS**  
The Drawings reflect requirements of the serving utilities based on information derived from representatives of the utilities. During the project design phase, the fact that the Architect may undertake to show the utility(s) requirements, does not necessarily indicate that the Architect represents the utilities or their requirements; therefore, within 10 working days after Contract Award and/or Notice to Proceed has been issued, the Contractor shall be responsible for coordinating the requirements of the utilities for the Power System. The Owner shall be responsible for coordinating the requirements for the Telephone and Television Systems.

Any deviations from the documents shall be brought to the attention of the Architect no later than 10 working days after Award of Contract and/or Notice to Proceed. Failure to notify the Architect within the 10-day time frame signifies the acceptance of documents and utility requirements by the Contractor and all associated costs therein.

**DRAWINGS**  
The Electrical Drawings show the general arrangement of all conduit, equipment, etc. and shall be followed as closely as actual building construction and the work of other trades will permit. The Architectural and Structural Drawings shall be considered as a part of the work insofar as these Drawings furnish the Contractor with information relating to the design and construction of the building. Architectural Drawings shall take precedence over Electrical Drawings. The Contractor shall investigate the structural and finish conditions affecting the work and shall arrange his work accordingly, providing such fittings, elbows, pullboxes and accessories as may be required to meet such conditions.

The Contractor shall verify the dimensions governing the Electrical work at the building. No extra compensation shall be claimed or allowed on account of differences between actual dimensions and those indicated on the Drawings.

The approximate locations of cabinets, panelboards, wiring gutters, switches, light outlets, power outlets, etc., are indicated on the Drawings; however, the exact location shall be determined after thoroughly examining the general building plans and by actual measurements during construction to avoid conflicts with any Structural, Architectural, or other trades, with all locations subject to the approval of the Architect.

Verify with the Architect all locations of conduit, boxes, etc., stubbed in the floor prior to installation.

**KEYED NOTES**

1. JUNCTION BOX FOR POWER CONNECTION TO AUTOMATIC GATE. COORDINATE MOUNTING REQUIREMENTS WITH EQUIPMENT SUPPLIER, AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
2. JUNCTION BOX FOR PROXIMITY CARD READER. COORDINATE MOUNTING REQUIREMENTS WITH EQUIPMENT SUPPLIER AND ARCHITECT PRIOR TO INSTALLATION. EXTEND 1" CONDUIT WITH PULLWIRE TO AUTOMATIC GATE CONTROLLER.
3. EXTEND CIRCUIT THROUGH TIME CLOCK/PHOTO-CELL CONTROLLER AND THEN TO PANEL INCIATED. REFER TO DETAIL ON SHEET E202.
4. UTILIZE #8 CONDUCTORS THROUGHOUT CIRCUIT.
5. UTILIZE #10 CONDUCTORS THROUGHOUT CIRCUIT.
6. REFER TO POWER RISER DIAGRAM ON SHEET E201 FOR ADDITIONAL INFORMATION.
7. (3) 2" CONDUITS WITH PULLWIRE FOR INCOMING COMMUNICATIONS SERVICE - (1) CONDUIT FOR AT&T, (1) CONDUIT FOR CHARTER COMMUNICATIONS AND (1) CONDUIT FOR SPARE. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
8. (2) 2" CONDUITS WITH PULLWIRE FOR INCOMING COMMUNICATIONS SERVICE - (1) CONDUIT FOR FIBER OPTIC AND (1) CONDUIT FOR SPARE. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

**WARNING**

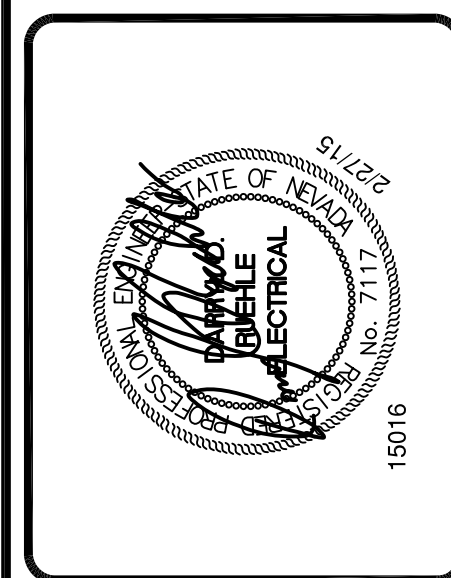
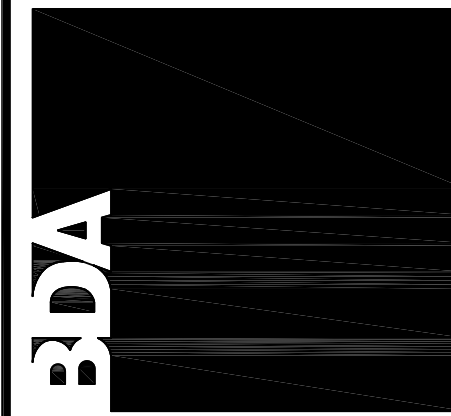
IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OR PIPELINE COMPANY, THE OWNER OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF TO THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF ANY EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE OF ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES, AND REGULATIONS. IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "NM ONE CALL" PROCEDURES, OR OTHERWISE.



901 Lamberon Pl. NE  
 Albuquerque, NM 87107  
 Phone: (505) 868-0180  
 Fax: (505) 868-0180  
 Email: info@bdaarc.com

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**ELECTRICAL SITE PLAN**

REV.#	DATE	COMMENTS

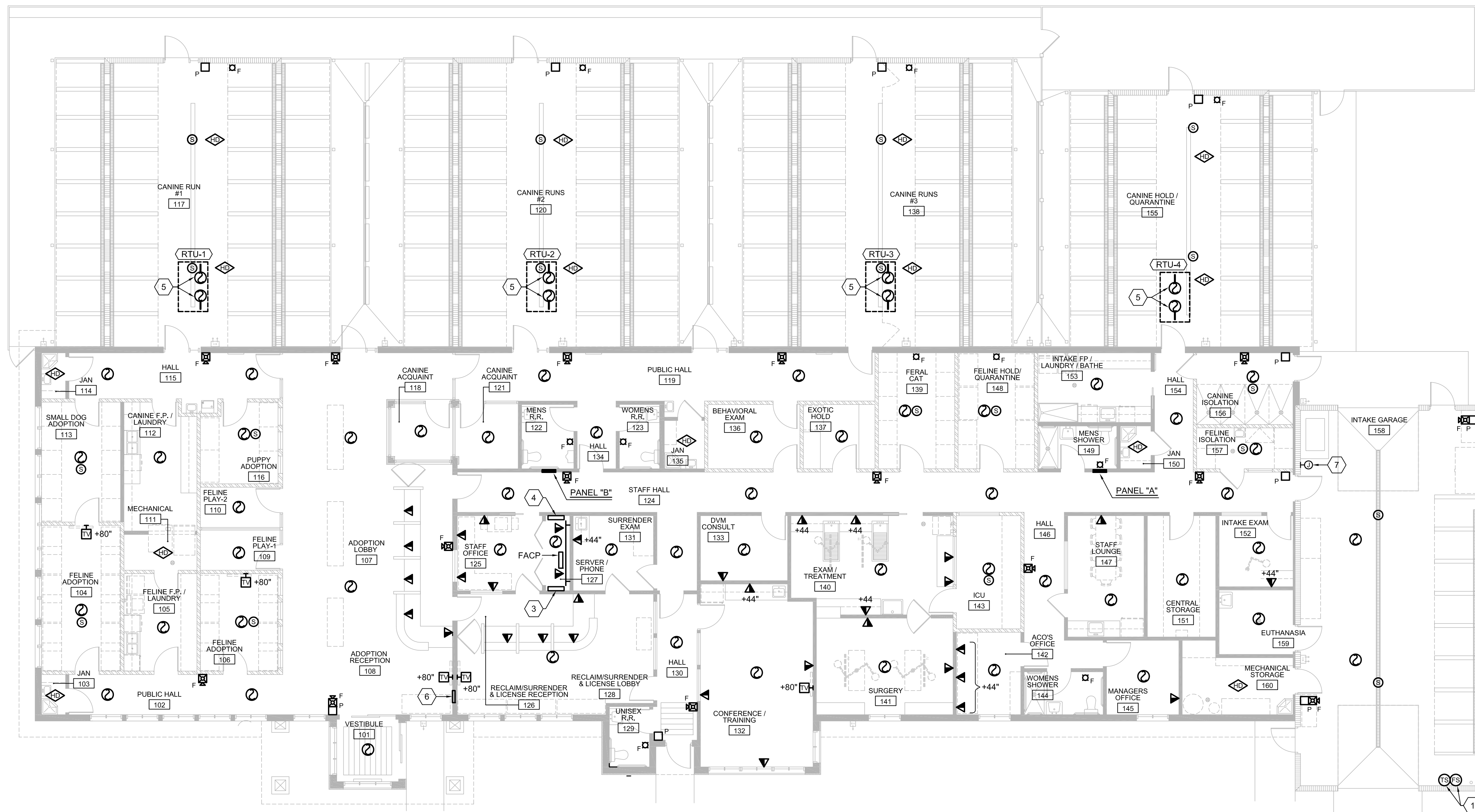
**REVIEWS**

INITIALS	BDA DSGN. REV.
	BDA TECH REV.

CCAS  
 PROJECT NO.: 1107  
 DRAWN: RP / RW / JKD  
 DATE: 2/27/2015

**ES101**  
 OF

Scale: March 4, 2015 - 3:26 PM - Julia  
 Plot Date: March 4, 2015 - 3:27 PM  
 File: F:\15016 Carson City Animal Services\15016 CAD\Construction\Electrical\15016 - E103 - Special Systems Plan.dwg  
 Drawing Name:



**A1 SPECIAL SYSTEMS PLAN**  
 1/8"=1'-0"

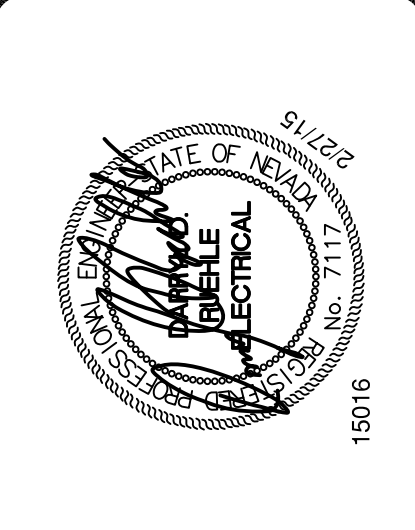
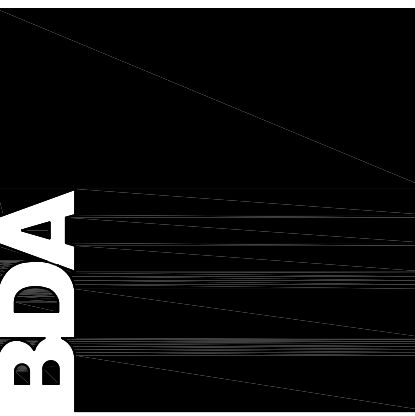


**KEYED NOTES**

1. CONNECTION OF FIRE ALARM TAMPER AND FLOW SWITCHES TO THE FIRE ALARM SYSTEM, BY OTHERS.
2. FLUSH 8" CEILING MOUNTED SPEAKER WITH BACKBOX CAPABLE OF INSTALLING IN DRYWALL, PLASTER OR SUSPENDED LAY-IN CEILING. WITH ALL COMPONENTS, DRIVER, TRANSFORMERS, ETC. FOR A COMPLETE WORKABLE SYSTEM. EXTEND WIRING BACK TO ROOM 127 AND TERMINATE IN A TERMINAL CABINET. REFER TO ARCHITECTURAL RCP FOR EXACT LOCATION.
3. SOUND SYSTEM TERMINAL CABINET. PROVIDE POWER RECEPTACLE AS REQUIRED BY SYSTEM MANUFACTURER.
4. TERMINAL CABINET FOR TERMINATION OF CABLES ASSOCIATED WITH ACCESS CONTROL SYSTEM. PROVIDE POWER RECEPTACLE AS REQUIRED BY SYSTEM MANUFACTURER.
5. PROVIDE AND INSTALL A PHOTOELECTRIC TYPE DUCT DETECTOR IN BOTH THE SUPPLY AND RETURN DUCTS. DETECTOR SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR, AND WIRED INTO THE FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR. DETECTOR SHALL BE SUPPLIED WITH ANY AND ALL REQUIRED CONTROL RELAY(S) OR CONTACT(S) IN ORDER TO AUTOMATICALLY TURN-OFF THE MECHANICAL UNIT UPON RECEIPT OF ALARM SIGNAL FROM EITHER DUCT SMOKE DETECTOR. PROVIDE NEW CONDUIT AND CONTROL WIRING AS REQUIRED FOR CONNECTION TO EXISTING FIRE ALARM SYSTEM.
6. FIRE ALARM REMOTE ANNUNCIATOR.
7. JUNCTION BOX FOR GAS SOLENOID VALVE. CONNECT TO FIRE ALARM SYSTEM.

901 Lambertson Pl. NE  
 Albuquerque, NM 87107  
 Phone: (505) 898-0180  
 Fax: (505) 898-0180  
 Email: info@bdaarc.com

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**SPECIAL SYSTEMS PLAN**

REV.#	DATE	COMMENTS

**REVIEWS**

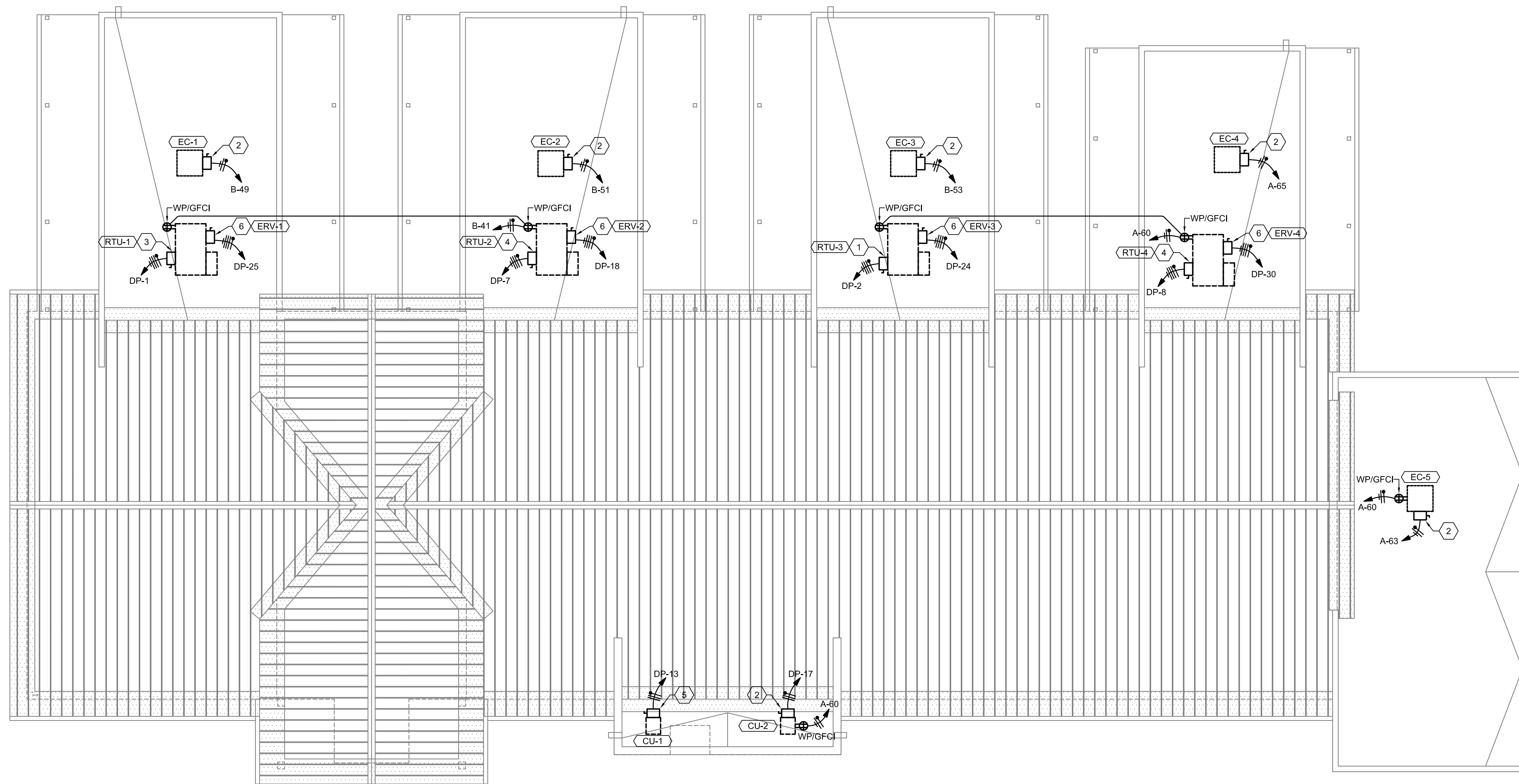
INITIALS	BDA DSGN. REV.	BDA TECH. REV.

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 PROJECT NO.: 1107  
 DRAWN: RP / RW / JKD  
 DATE: 2/27/2015

**E103**  
 OF



Date: March 5, 2015 - 04:56 AM - RSK  
 Plot Date: March 5, 2015 - 10:03 AM  
 Drawing Name: F:\15016 Carson City Animal Services\15016 CAD\Construction\Electrical\15016 - E105 - Electrical Roof Plan.dwg

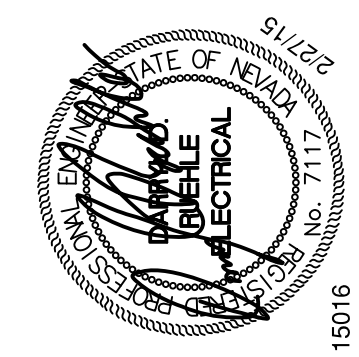


**A1 ELECTRICAL ROOF PLAN**  
 1/8"=1'-0"



**KEYED NOTES**

- 240V-60A-3P-4W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER. (4) #6 AND (1) #8 GROUND IN 1" CONDUIT.
- 240V-30A-2P-3W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER. (3) #10 AND (1) #10 GROUND IN 3/4" CONDUIT.
- 240V-100A-3P-4W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER. (4) #4 AND (1) #8 GROUND IN 1 1/4" CONDUIT.
- 240V-60A-3P-4W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER. (4) #6 AND (1) #10 GROUND IN 3/4" CONDUIT.
- 240V-30A-2P-3W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER. (3) #12 AND (1) #12 GROUND IN 3/4" CONDUIT.
- 240V-30A-3P-4W PLUS SOLID NEUTRAL, FUSIBLE, RAIN-TIGHT DISCONNECT SWITCH, FUSE AS RECOMMENDED BY UNIT MANUFACTURER.
- (4) #10 AND (1) #10 GROUND IN 3/4" CONDUIT.



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**ELECTRICAL ROOF PLAN**

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**E105**  
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