

WIDEFIELD WATER AND SANITATION DISTRICT

WWTP CARPORTS

CIP No. 2019-900-2028

FOUNTAIN, COLORADO

CODE STATEMENT

I. APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

- A. PIKES PEAK REGIONAL BUILDING CODE (2017)
- B. INTERNATIONAL BUILDING CODE (2015)
- C. INTERNATIONAL EXISTING BUILDING CODE (2015)
- D. ICC/ANSI A117.1 ACCESSIBILITY STANDARDS (2009)

II. CODE ABSTRACT:

A. GENERAL PROPERTY INFORMATION:

CARPORT 1 (CITY OF FOUNTAIN)
 -ADDRESS 480 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 -LEGAL DESCRIPTION LOT 1 BLK 1 WIDEFIELD INDUSTRIAL PARK FIL NO 1, EX THAT PT DESC BY REC #208119337
 -EPC PARCEL SCHEDULE # 5530003009
 -ZONING S-O/W-D
 -LAND USE POLITICAL SUB

CARPORT 2 (EL PASO COUNTY)
 -ADDRESS 448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 -LEGAL DESCRIPTION NE4NE4 EX RY + RD, EX 2.27 A TRACT CONV BY BK 2495-181 EX PT TO HWY PROJ S 0016 (34) PARCEL 17, EX ELY EX 1.42 A TRACT CONV BY BK 3126-400, SEC 460.0 FT, 25-15-66
 -EPC PARCEL SCHEDULE # 6525000004
 -ZONING A-5/CAD-O
 -LAND USE POLITICAL SUB

OWNER WIDEFIELD WATER AND SANITATION DISTRICT
 TAX EXEMPTION # 09812087
 PROPERTY STATUS POLITICAL/EXEMPT

B. BUILDING CONSTRUCTION:

CARPORT 1 (CITY OF FOUNTAIN)
 -SPACES AREA 3800 SF
 -CONSTRUCTION TYPE II-B
 -OCCUPANCY TYPE U/S-1
 -USE DETACHED ACCESSORY

CARPORT 2 (EL PASO COUNTY)
 -SPACES AREA 3840 SF
 -CONSTRUCTION TYPE II-B
 -OCCUPANCY TYPE U/S-1
 -USE DETACHED ACCESSORY

PARTICIPANTS

OWNER
 WIDEFIELD WATER AND
 SANITATION DISTRICT
 8495 FONTAINE BLVD
 COLORADO SPRINGS, CO 80925
 CONTACT: ROBERT BANNISTER, PE
 DIRECTOR OF ENGINEERING
 AND OPERATIONS
 PHONE: (719) 955-6118

CONSULTING/DESIGN ENGINEER
 JDS-HYDRO CONSULTANTS, INC.
 5540 TECH CENTER DR, STE 100
 COLORADO SPRINGS, CO 80903
 CONTACT: DOUG SCHWENKE, PE
 PHONE: (719) 227-0072

SURVEY DATA

COORDINATE SYSTEM: US STATE PLANE 1983
 COORDINATE ZONE: COLORADO CENTRAL 0502
 DATUM: NAVD88 VERTICAL

TOPOGRAPHY SURVEY CONDUCTED BY RAMPART SURVEYS, LLC (DATED 4/15/19). ALL PROPERTY LINES SHOWN HEREON SHALL BE CONSIDERED AS APPROXIMATE. ALL LOT LINE DIMENSIONS SHOWN HEREON ARE PLATTED ONLY. EASEMENTS PLOTTED PER TITELWORK.

FOR PLAN REVIEW - CARPORT 2 ONLY (EPC)

NOTE:

(2) CARPORTS ARE SHOWN HEREIN, HOWEVER PLAN APPROVAL IS BEING SOUGHT FROM **EL PASO COUNTY PLANNING FOR CARPORT 2 ONLY**, AS IT IS LOCATED IN EL PASO COUNTY JURISDICTION. CARPORT 1 IS SHOWN ONLY FOR REFERENCE AND IS UNDER REVIEW BY CITY OF FOUNTAIN PLANNING.



VICINITY MAP
 N.T.S.

PRE-EXCAVATION CHECKLIST

- Gas and Other Utility Lines Shown on Construction Plans
- Utility Notification Center of Colorado (UNCC)-Call at Least Two (2) Business Days Ahead-1-800-922-1987
- Utilities Located & Marked on the Ground
- Employees Briefed on Marking and Color Codes*
- Employees Trained on Excavation and Safety Procedures for Natural Gas Lines
- When Excavation Approaches Gas Lines, Employees must Expose Lines by Careful Probing and Hand-Digging

COLOR CODE

- FOR MARKING UNDERGROUND UTILITY LINES
- WHITE PROPOSED EXCAVATION
 - MAGENTA TEMPORARY SURVEY MARKINGS
 - RED ELECTRIC
 - YELLOW GAS, OIL, STEAM
 - ORANGE COMMUNICATION, CTV
 - BLUE POTABLE WATER
 - PURPLE IRRIGATION, RECLAIMED WATER, SLURRY LINES
 - GREEN SEWER

UNCC
 UTILITY NOTIFICATION CENTER OF COLORADO
3 Days Before You Dig:
 Call: 1-800-922-1987
 Click: www.UNCC.org

SHEET INDEX

SHEET NUMBER	DESCRIPTION	SHEET NUMBER	DESCRIPTION
	COVER SHEET		
CIVIL		ARCHITECTURAL	
C1	OVERALL SITE PLAN	A1	CONCEPTUAL STRUCTURE ELEVATION/SECTION - CARPORT 1
C2	SITE DEVELOPMENT PLAN	A2	CONCEPTUAL STRUCTURE ELEVATION/SECTION - CARPORT 2
C3	GRADING AND EROSION CONTROL PLAN		
C4	EXISTING UTILITY PLAN		
C5	IMPROVEMENTS DETAILS		
C6	EROSION CONTROL DETAILS		
C7	EROSION CONTROL NOTES		
C8	FLOODPLAIN MAP		

LEGEND

— X — X —	EXISTING LOT LINE	⊗	EXISTING SANITARY SEWER MANHOLE
— X — X —	EXISTING FENCE	⊗	EXISTING WATER MANHOLE
---	EXISTING EASEMENT	⊗	EXISTING FIRE HYDRANT
— SS —	EXISTING SANITARY SEWER LINE	⊗	EXISTING WATER VALVE
— W —	EXISTING WATER LINE	⊗	EXISTING UTILITY POLE
— GAS —	EXISTING GAS LINE	⊗	EXISTING TREE (SIZE VARIES)
— UGE —	EXISTING U.G. ELECTRIC		
— OHE —	EXISTING O.H. ELECTRIC		
---	EXISTING CONTOURS—MINOR		
---	EXISTING CONTOURS—MAJOR		
---	PROPOSED CONTOURS—MINOR		
---	PROPOSED CONTOURS—MAJOR		
---	BUILDING SETBACK		

SIGNATURE BLOCKS

DISTRICT APPROVALS

WIDEFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE WIDEFIELD WATER AND SANITATION DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDEFIELD WATER AND SANITATION DISTRICT DESIGN APPROVAL

BY: _____ DATE: _____
 PROJECT NO. _____

ENGINEER'S STATEMENT:

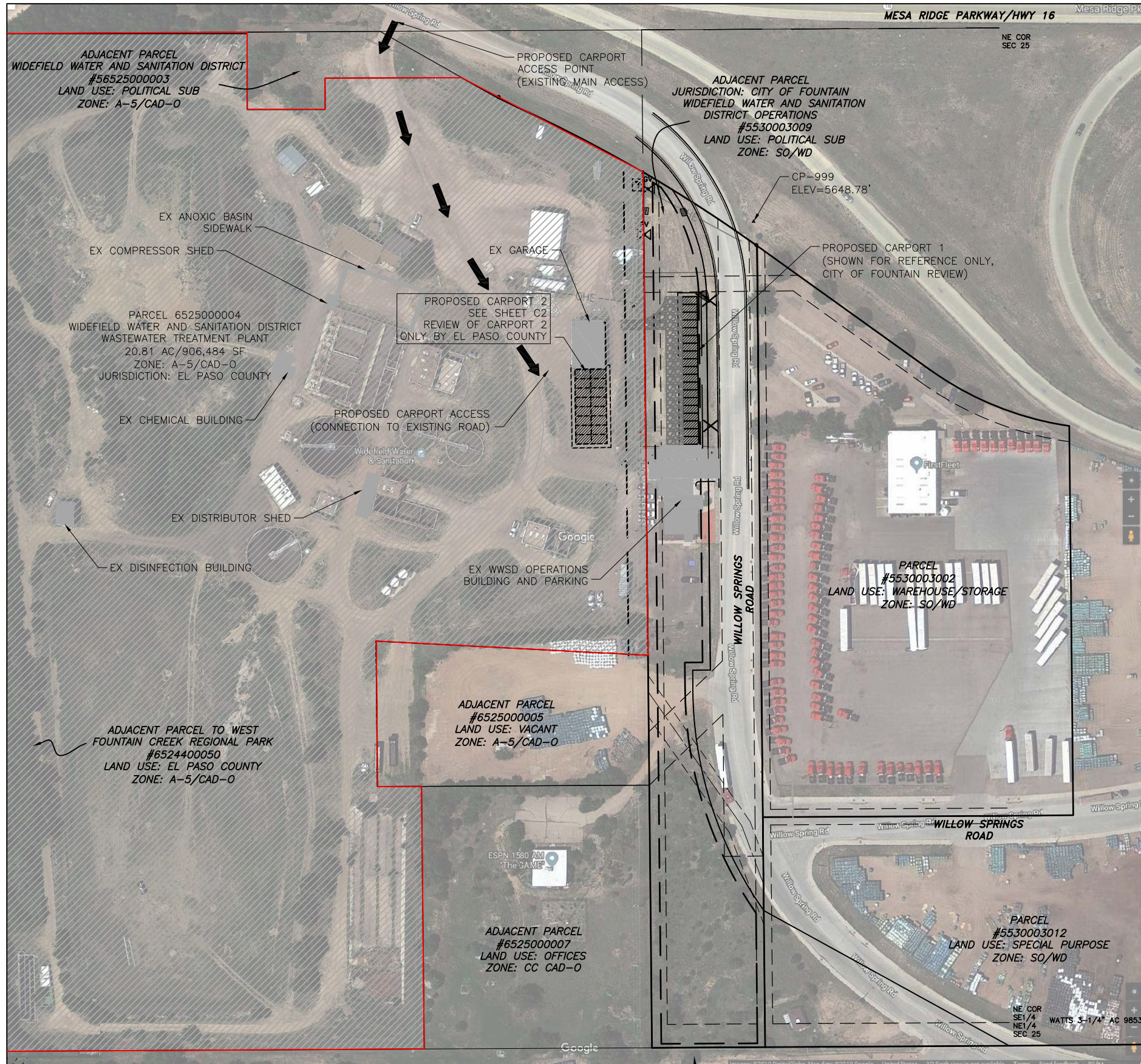
THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID DETAILS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE APPLICABLE GOVERNING AGENCIES.

DOUGLAS E. SCHWENKE, P.E. #35711
 JDS-HYDRO CONSULTANTS, INC.

DATE

JDS-HYDRO CONSULTANTS, INC.
 5540 TECH CENTER DR., SUITE 100
 COLORADO SPRINGS, COLORADO 80919
 (719) 227-0072

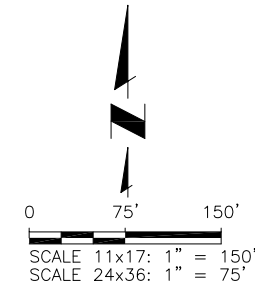
2019/08/12 2:37 PM By: Precision 7510_1 J:\JDS-Hydro\Project Files\102_Widefield Water And San\102.118 WWP Carports\Drawings\Working\EPIC Submittal\102.118_WWP_Carports_EPC.dwg



LEGEND:



WWSW WASTEWATER TREATMENT PLANT PROPERTY/EL PASO COUNTY BOUNDARY/PROPOSED CARPORT 2 LOCATION (EL PASO COUNTY REVIEW OF CARPORT 2 ONLY. CARPORT 1 IS SHOWN FOR REFERENCE ONLY AND IS UNDER REVIEW WITH CITY OF FOUNTAIN JURISDICTION AGENCIES)



NOTES:

- AERIAL IMAGERY IS NOT ACCURATELY SCALED AND SHOULD BE UTILIZED FOR REFERENCE ONLY (SOURCE: GOOGLE EARTH)
- THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS
- EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT *LAND DEVELOPMENT CODE, SECTION 6.1.3.* STATES: "EACH SITE DEVELOPMENT PLAN OR NON-RESIDENTIAL SITE PLAN SUBMITTED TO EL PASO COUNTY SHALL CLEARLY ILLUSTRATE AND IDENTIFY THE PROVISION OF ADA ACCESSIBLE EXTERIOR ROUTES IN ACCORDANCE WITH THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE, AS PER THE ADA *DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE, CHAPTER 2: SCOPING REQUIREMENTS, 206 ACCESSIBLE ROUTES, 206.2.2 WITHIN A SITE* STATES: "AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE". *"EXCEPTION:* AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES IF THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING A PEDESTRIAN ACCESS". THOROUGH EVALUATION AND RESEARCH HAS BEEN CONDUCTED BY JDS-HYDRO AND IT IS OUR BELIEF THAT THE CARPORT BEING PROPOSED HEREIN IS NOT SUBJECT TO A NEW ADA ROUTE BASED UPON THE AFOREMENTIONED EXCEPTION. IF REGULATIONS CHANGE, OR IN THE EVENT THIS REGULATION HAS BEEN MISINTERPRETED, AN ADA ROUTE SHALL BE ADDRESSED/ADDED

PARCEL LEGAL DESCRIPTION:

TRACT IN NE4 SEC 25-15-66 AS FOLS, BEG AT A PT FROM WHICH NE COR BEARS N 84<51' E 694.4 FT, TH N 60<20'30" W 120.5 FT TO A PT ON N LN OF SD SEC, S 89<48'30" W ALG SD N LN 171.1 FT, S 0<11'30" E 100.0 FT, N 89<48'30" E 100.0 FT, N 0<11'30" W 40.0 FT, TH N 89<48'30" E 175.6 FT TO POB

IMPERVIOUS AREA (INCL FLATWORK)	SF	AC
<i>EXISTING (POST FEB. 2008):</i>		
DISINFECTION BUILDING	505	0.012
GARAGE	2,400	0.055
DISTRIBUTOR SHED	920	0.021
CHEMICAL BUILDING	920	0.021
COMPRESSOR SHED	270	0.006
ANOXIC BASIN (SIDEWALK)	812	0.019
OPERATIONS BUILDING	6,360	0.146
<i>SUBTOTAL</i>	12,187	0.280
<i>PROPOSED</i>		
CARPORT 2	3,840	0.088
<i>TOTAL</i>	16,027	0.368

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5640 TECH CENTER DR., SUITE 100
COLORADO SPRINGS, COLORADO 80919
(719) 227-0072

WIDEFIELD WATER AND SANITATION DISTRICT
WWTP CARPORTS
448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
OVERALL SITE PLAN

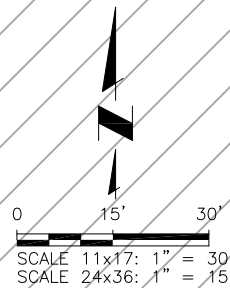
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2	ADA ROUTE CLARIF.	GGM	DES	08/12/19
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FOR PLAN REVIEW

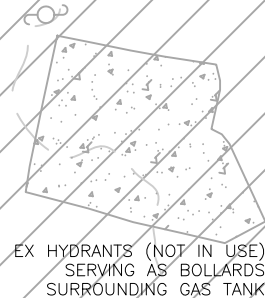
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Date: 06/25/19
Design: GGM
Drawn: GGM
Check: DES

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NOTE:
1. SEE COVER SHEET FOR LEGEND.



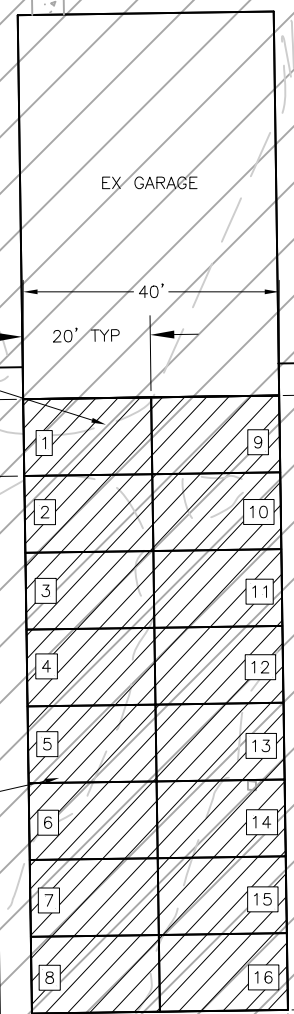
PARCEL 652500004
WIDEFIELD WATER AND SANITATION DISTRICT
WASTEWATER TREATMENT PLANT
20.81 AC/906,484 SF
ZONE: A-5/CAD-0
JURISDICTION: EL PASO COUNTY



PROPOSED CARPORT 2
96'Wx40'Lx10'H (3840 SF)
16 SPACES 12'Wx20'Lx10'H
5644.00' FF ELEV
REVIEW OF CARPORT 2
ONLY BY EL PASO COUNTY

PROPOSED BASECOURSE
(CLASS 6, 4"-6" DEEP)
LOCATED UNDER CARPORT,
NOT SHOWN FOR CLARITY

APPROXIMATE
AREA OF CARPORT
CONSTRUCTION DISTURBANCE



228 +/- LF
EX 6' HIGH CHAIN LINK FENCELINE TO BE RELOCATED

25' SIDE BUILDING SETBACK

EX 12" CMP

EX OPERATIONS
BUILDING PARKING

EX EDGE OF GRAVEL

20' TYP

10' TYP
CARPORT 1

WILLOW SPRINGS ROAD

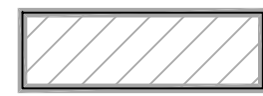
20' UTILITY EASEMENT
50' INGRESS & EGRESS EASEMENT
10' FRONT BUILDING SETBACK
65' R.O.W.
34' E.O.A.

10' UTILITY & DRAINAGE EASEMENT
10' UTILITY & DRAINAGE EASEMENT

PROPOSED CARPORT 1
(SHOWN FOR REFERENCE ONLY,
CITY OF FOUNTAIN JURISDICTION)

PROPOSED 6' HIGH CHAIN LINK
FENCELINE RELOCATION
(172'± LF NEW; 228'± TO
BE REUSED/REINSTALLED).
SEE SHEET C5
(UNDER CITY REVIEW)

LEGEND:



WWSW WASTEWATER TREATMENT PLANT
PROPERTY/EL PASO COUNTY
BOUNDARY/PROPOSED CARPORT 2 LOCATION
(EL PASO COUNTY REVIEW OF CARPORT 2 ONLY.
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JURISDICTION AGENCIES)

PROPOSED COVERAGE:	SF	%
LOT	906,484	
STRUCTURE	3,840	0.4%
DRIVEWAY & PARKING	3,840	0%
PUBLIC STREET RIGHT-OF-WAY	0	0%
OPEN SPACE & LANDSCAPED AREA	0	0%
DENSITY	0.008	0.000001%

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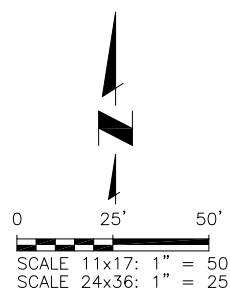
WIDEFIELD WATER AND SANITATION DISTRICT
WWTP CARPORTS
448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
SITE DEVELOPMENT PLAN

NO.	DESCRIPTION	BY	APP.	DATE
1	JURISD. CLARIF.	GGM	DES	07/31/19
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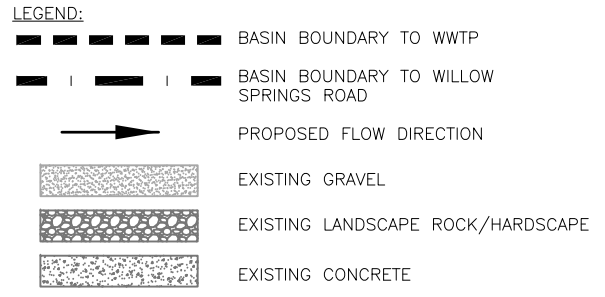
FOR PLAN REVIEW

Project No.: 102.118
Date: 06/25/19
Design: GGM
Drawn: GGM
Check: DES

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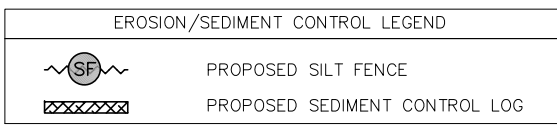


NOTE:
 1. SEE COVER SHEET FOR REMAINING LEGEND.
 2. SEE SHEET C1 FOR OVERALL SITE IMPERVIOUS AREA TABLE.



EARTHWORK SUMMARY:

CUT	70± CY
FILL	375± CY
NET FILL	305± CY
TOTAL CARPORT 1 AND 2	
SITE DISTURBED AREA	32,800± SF (0.75± AC)



MATERIALS HANDLING SPECIFICATIONS:

1. DEBRIS, OVERBURDEN, SOIL STOCKPILES AND WASTE MATERIALS SHALL BE PLACED AWAY FROM AREAS OF RUNOFF
2. THERE ARE SEVERAL BEST MANAGEMENT PRACTICES THAN CAN BE EMPLOYED TO PREVENT OR MITIGATE THE SOURCE OF POLLUTANTS AND CONTAMINATION OF STORM WATER RUNOFF. THE CONTRACTOR IS NOT LIMITED TO THESE MEASURES WHICH MAY REQUIRE ADJUSTING THE BMP'S AS THE PROJECT PROGRESSES AND IMPLEMENT FURTHER CONTROLS AS PRUDENCE AND GOOD JUDGMENT DEEM NECESSARY. SOME OF THESE ARE:
 - A. ALL REFUSE DUMPSTERS AND RECEPTACLES SHALL BE EQUIPPED WITH FUNCTIONAL LIDS TO PREVENT RAIN AND SNOW FROM ENTERING. LIDS MUST BE CLOSED WHEN DUMPSTERS AND RECEPTACLES ARE NOT ACTIVELY IN USE
 - B. STORAGE CONTAINERS, DRUMS, AND BAGS SHALL BE STORED AWAY FROM DIRECT TRAFFIC ROUTES TO PREVENT ACCIDENTAL SPILLS. ENSURE PACKAGES AND CONTAINERS ARE INTACT
 - C. EMPTY DRUMS SHALL BE COVERED TO PREVENT COLLECTION OF PRECIPITATION
 - D. CONTAINERS SHALL BE STORED ON PALLETS TO PREVENT CORROSION OF CONTAINERS, WHICH CAN RESULT WHEN CONTAINERS COME IN CONTACT WITH MOISTURE ON THE GROUND
 - E. REGULARLY SCHEDULED REMOVAL OF CONSTRUCTION TRASH AND DEBRIS

PROPOSED CARPORT 2
 96'Wx40'Lx10'H (3840' SF)
 16 SPACES 12'Wx20'Lx10'H
 5644.00' FF ELEV
 SEE SHEET C2
 REVIEW OF CARPORT 2
 ONLY BY EL PASO COUNTY

PROPOSED CARPORT 1
 (SHOWN FOR REFERENCE ONLY,
 CITY OF FOUNTAIN JURISDICTION)

PROPOSED SILT FENCE
 (103± LF). SEE EROSION
 CONTROL SHEETS

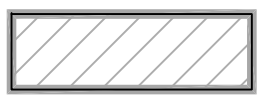
PROPOSED SILT FENCE
 (103± LF). SEE EROSION
 CONTROL SHEETS

PROPOSED SEDIMENT
 CONTROL LOG (10± LF)

PROPOSED DRAINAGE
 PAN AND CURB CUT
 SLOPE TO DRAIN
 SEE DETAIL A/C5
 (UNDER CITY OF
 FOUNTAIN REVIEW)

PROPOSED SILT FENCE
 (110± LF). SEE
 EROSION CONTROL
 SHEETS

LEGEND:



WSD WASTEWATER TREATMENT PLANT
 PROPERTY/EL PASO COUNTY
 BOUNDARY/PROPOSED CARPORT 2 LOCATION
 (EL PASO COUNTY REVIEW OF CARPORT 2 ONLY.
 CARPORT 1 IS SHOWN FOR REFERENCE ONLY
 AND IS UNDER REVIEW WITH CITY OF FOUNTAIN
 JURISDICTION AGENCIES)

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WIDEFIELD WATER AND SANITATION DISTRICT
 WWTP CARPORTS
 448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 GRADING AND EROSION CONTROL PLAN

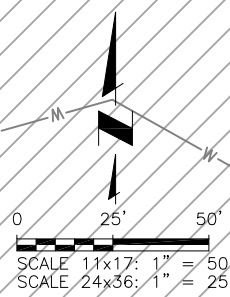
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FOR PLAN REVIEW

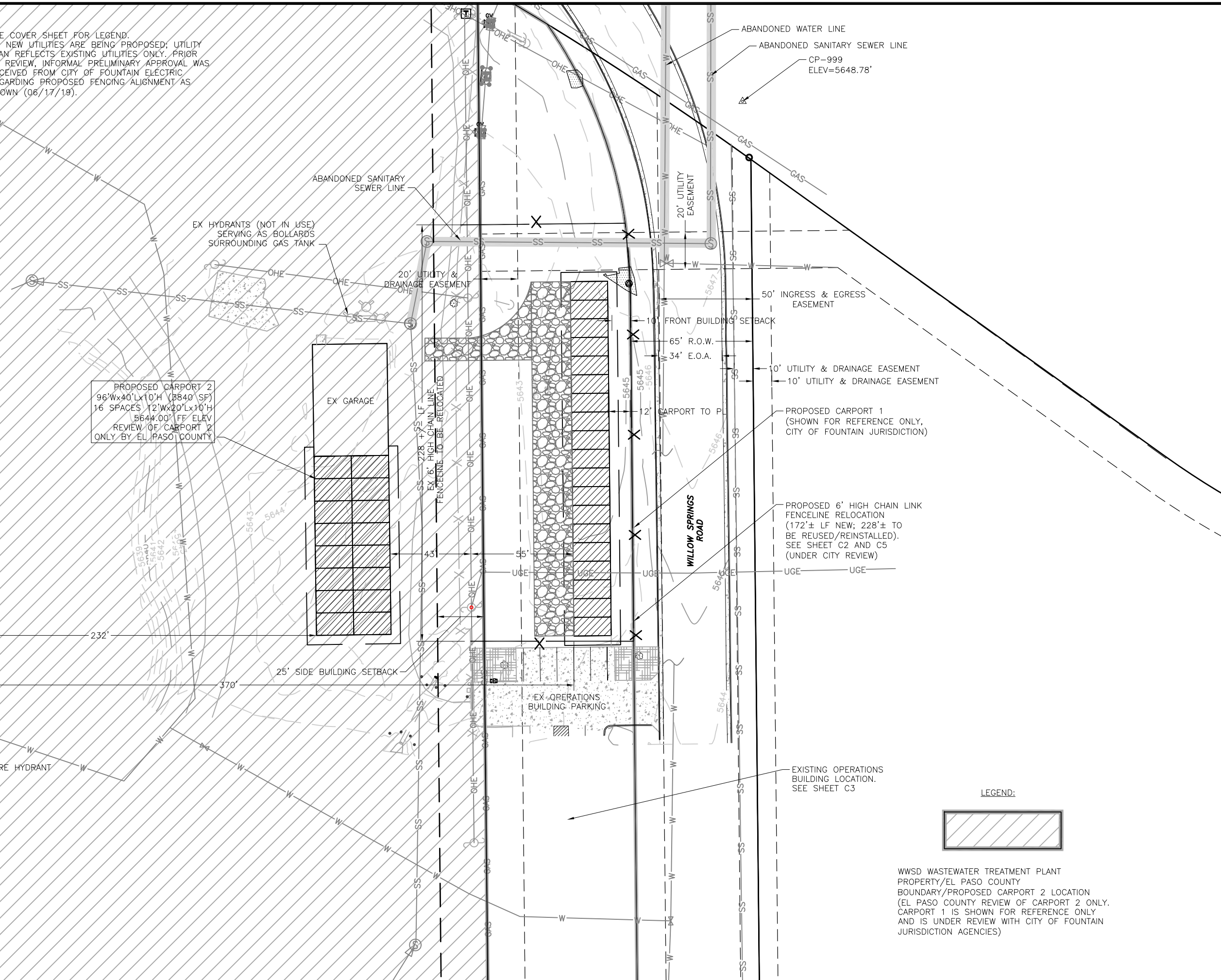
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C3
 SHEET 4 OF 11

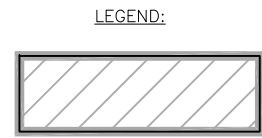
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NOTE:
 1. SEE COVER SHEET FOR LEGEND.
 2. NO NEW UTILITIES ARE BEING PROPOSED; UTILITY PLAN REFLECTS EXISTING UTILITIES ONLY. PRIOR TO REVIEW, INFORMAL PRELIMINARY APPROVAL WAS RECEIVED FROM CITY OF FOUNTAIN ELECTRIC REGARDING PROPOSED FENCING ALIGNMENT AS SHOWN (06/17/19).



PROPOSED CARPORT 2
 96'Wx40'Lx10'H (3840' SF)
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 5644.00' FF ELEV
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WIDEFIELD WATER AND SANITATION DISTRICT
 WWTP CARPORTS
 448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 EXISTING UTILITY PLAN

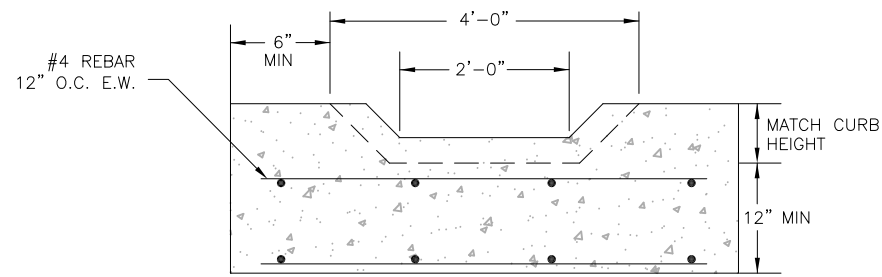
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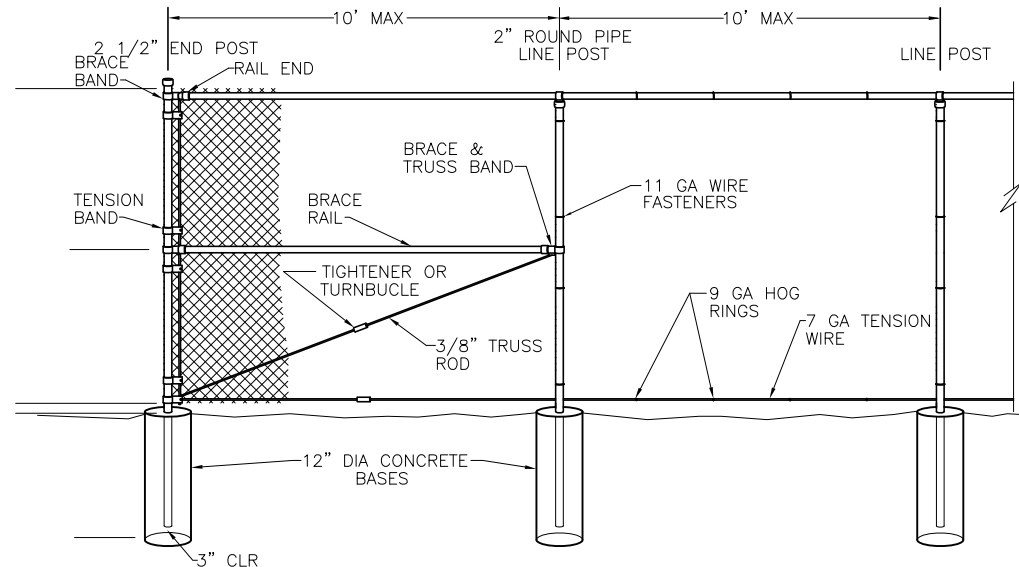
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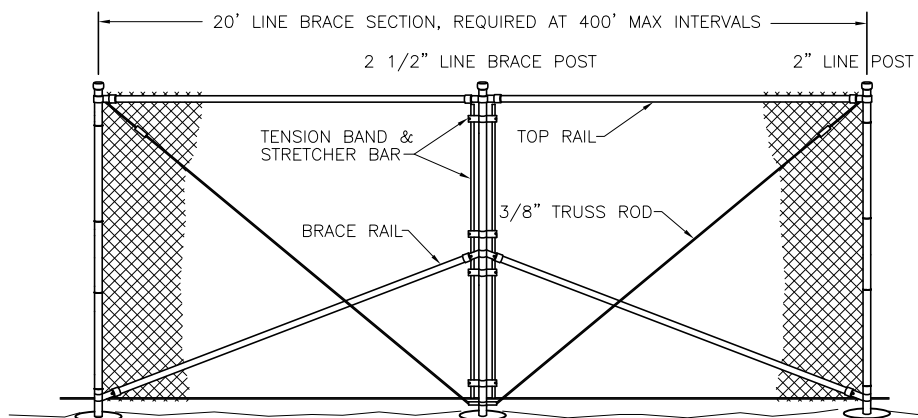
DETAILS PERTAIN TO CARPORT 1 AND ARE SHOWN FOR REFERENCE ONLY. REVIEW BY CITY OF FOUNTAIN PLANNING.



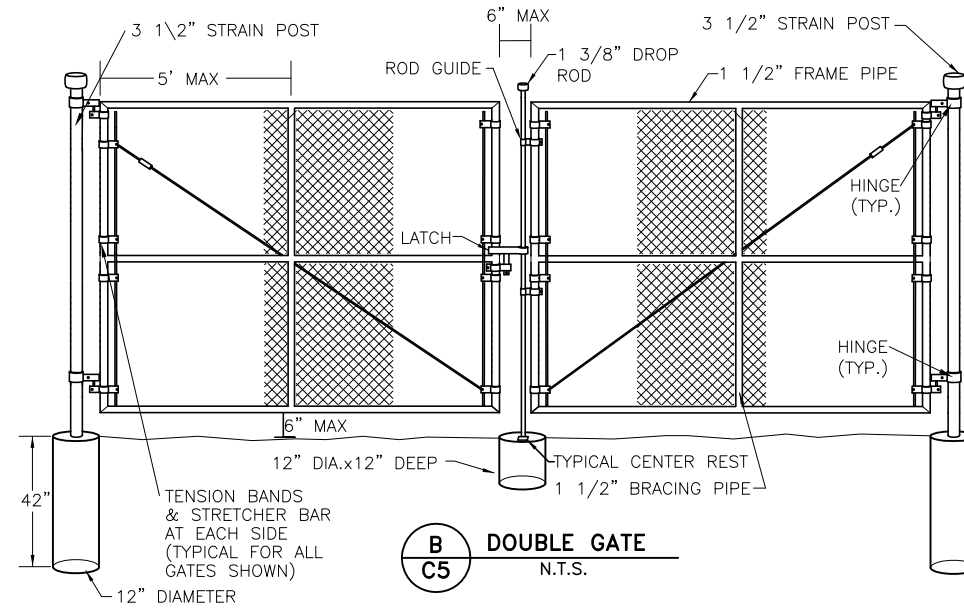
A
C5 **PROPOSED DRAINAGE CURB CUT**
SCALE: N.T.S.



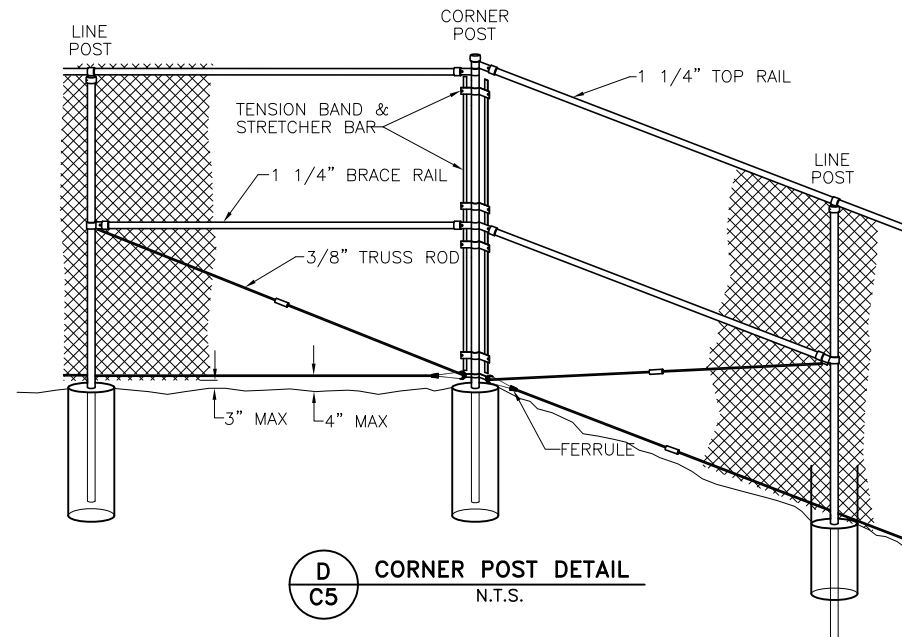
C
C5 **END POST DETAIL**
N.T.S.



E
C5 **LINE BRACE POST DETAIL**
N.T.S.



B
C5 **DOUBLE GATE**
N.T.S.



D
C5 **CORNER POST DETAIL**
N.T.S.

FENCING NOTES:

- CHAIN LINK FENCE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 181.
- CHAIN LINK FABRIC SHALL BE 2" MESH NO. 9 GAGE GALVANIZED OR ALUMINUM COATED WIRE SECURELY FASTENED TO TENSION WIRE, LINE POSTS, RAILS, BRACES AND STRETCHER BARS SPACED AS SHOWN HEREON. WIRE FASTENERS AND TIE CLIPS SHALL BE NO. 11 GAGE (W&M) GALVANIZED STEEL WIRE OR NO. 7 GAGE (B&S) ALUMINUM WIRE, AND HOG RINGS SHALL BE NO. 9 GAGE, ALL IN CONFORMANCE WITH ASTM F 626.
- STEEL POSTS, RAILS AND GATE FRAMES SHALL CONFORM TO AASHTO M 181 TYPE 1, GRADE 1 OR GRADE 2.
- TENSION WIRE SHALL BE CONTINUOUS BETWEEN END OR CORNER POST AND LINE BRACE POST. A TURNBUCKLE OR OTHER APPROVED TIGHTENING DEVICE SHALL BE USED FOR EACH CONTINUOUS SPAN OF TENSION WIRE.
- TENSION WIRE SHALL BE AS SPECIFIED IN AASHTO M 181.
- CONCRETE FOOTINGS SHALL HAVE TOPS CROWNED AT GROUND LEVEL AND SHALL BE CLASS A, AX, OR B.
- CHAIN LINK FABRIC OVER 5 FEET HIGH SHALL BE TWISTED AND BARBED ON THE TOP SELVAGE AND KNUCKLED ON THE BOTTOM SELVAGE.
- ATTACH FABRIC TO ALL FENCE & GATE STRUCTURES AT 12" INTERVALS VERTICALLY & AT 20" HORIZONTALLY.

WIDEFIELD WATER AND SANITATION DISTRICT

WWTP CARPORTS

448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817

IMPROVEMENT DETAILS

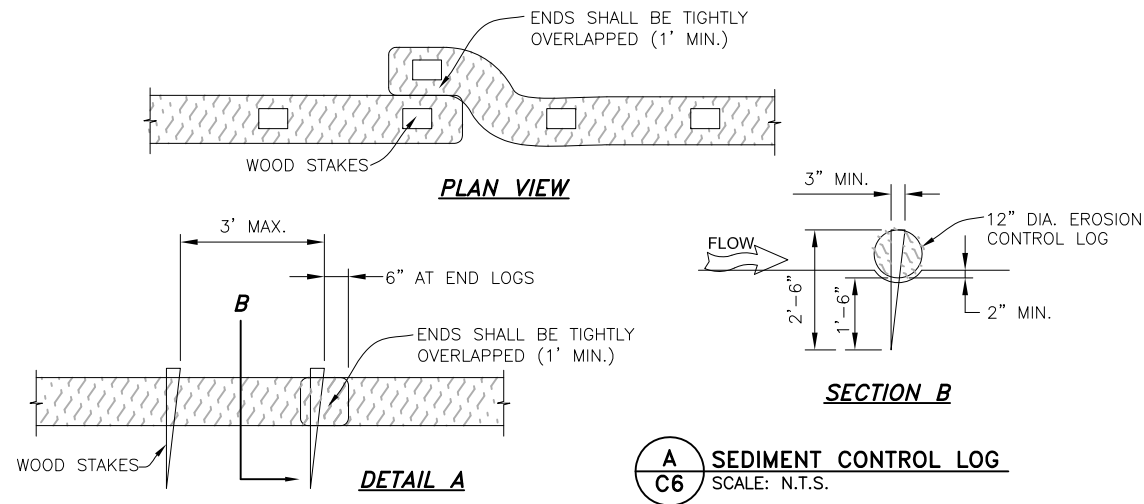
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FOR PLAN REVIEW

Project No.: 102.118
Date: 06/25/19
Design: GGM/EMS
Drawn: GGM/ACH
Check: DES

JDS-HYDRO CONSULTANTS, INC.
 5540 TECH CENTER DR., SUITE 100
 COLORADO SPRINGS, COLORADO 80919
 (719) 227-0072
DISCLAIMER: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS. ANY ERRORS OR OMISSIONS SHALL BE REPORTED TO JDS-HYDRO CONSULTANTS, INC. JDS-HYDRO ASSUMES NO LIABILITY FOR UNAUTHORIZED CHANGES AND/OR REVISIONS MADE TO PLANS.

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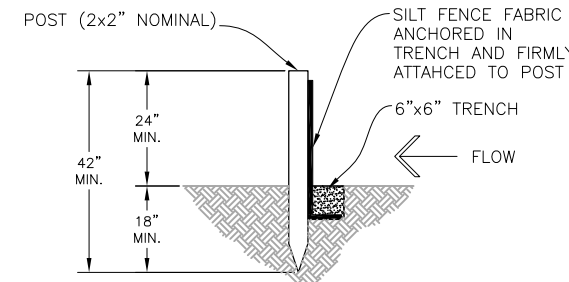
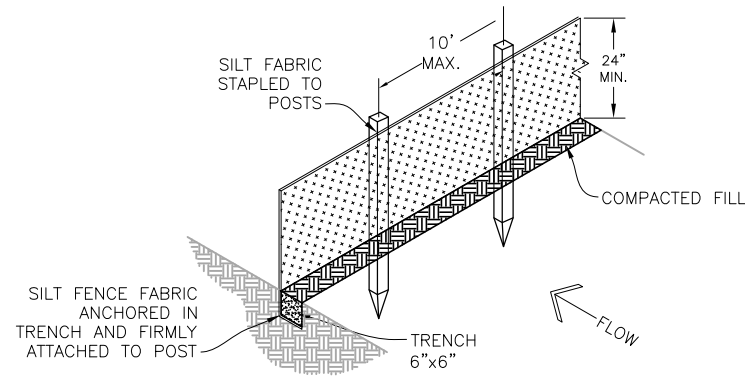


EROSION CONTROL LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR THE LOCATION AND LENGTH OF EROSION CONTROL LOG.
2. EROSION CONTROL LOGS INDICATED ON THE PLANS SHALL BE INSTALLED AFTER ANY LAND-DISTURBING ACTIVITIES OCCUR.
3. EROSION CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE EROSION CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1/3 OF THE DIAMETER OF THE EROSION CONTROL LOG.

EROSION CONTROL LOG MAINTENANCE NOTES

1. CONTRACTOR SHALL INSPECT EROSION CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF EROSION CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN 1/2 THE HEIGHT OF THE CREST OF LOG.
3. EROSION CONTROL LOGS SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE OWNER.



B SILT FENCE DETAIL
SCALE: N.T.S.

INSTALLATION REQUIREMENTS:

1. SILT FENCES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. WHEN JOINTS ARE NECESSARY, SILT FENCE GEOTEXTILE SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POST AND SECURELY SEALED.
3. METAL POSTS SHALL BE "STUDDED TEE" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
4. THE FILTER MATERIAL SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO WOOD POSTS WITH 3/4" LONG #9 HEAVY-DUTY STAPLES. THE SILT FENCE GEOTEXTILE SHALL NOT BE STAPLED TO EXISTING TREES.
5. WHILE NOT REQUIRED, WIRE MESH FENCE MAY BE USED TO SUPPORT THE GEOTEXTILE. WIRE FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 3/4" LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 6" AND SHALL NOT EXTEND MORE THAN 3' ABOVE THE ORIGINAL GROUND SURFACE.
6. ALONG THE TOE OF FILLS, INSTALL THE SILT FENCE ALONG A LEVEL CONTOUR AND PROVIDE AN AREA BEHIND THE FENCE FOR RUNOFF TO POND AND SEDIMENT TO SETTLE. A MINIMUM DISTANCE OF 5 FEET FROM THE TOE OF THE FILL IS RECOMMENDED.
7. THE HEIGHT OF THE SILT FENCE FROM THE GROUND SURFACE SHALL BE MINIMUM OF 24 INCHES AND SHALL NOT EXCEED 36 INCHES; HIGHER FENCES MAY INPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.

MAINTENANCE REQUIREMENTS:

1. CONTRACTOR SHALL INSPECT SILT FENCES IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL. DAMAGED, COLLAPSED, UNTRENCHED OR INEFFECTIVE SILT FENCES SHALL BE PROMPTLY REPAIRED OR REPLACED.
2. SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE WHEN IT ACCUMULATES TO HALF THE EXPOSED GEOTEXTILE HEIGHT.
3. SILT FENCES SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED

CARPORT 2 REVIEW BY EL PASO COUNTY PLANNING (CARPORT 1 APPLIES TO CITY OF FOUNTAIN)

JDS-HYDRO CONSULTANTS, INC.
 5540 TECH CENTER DR., SUITE 100
 COLORADO SPRINGS, COLORADO 80919
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WIDFIELD WATER AND SANITATION DISTRICT
 WWTP CARPORTS
 448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 EROSION CONTROL DETAILS

NO.	DESCRIPTION	REVISIONS		DATE
		BY	APP.	
1	JURISD. CLARIF.	GGM	DES	07/31/19
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FOR PLAN REVIEW

Project No.: 102.118
 Date: 06/25/19
 Design: EMS
 Drawn: ACH
 Check: DES

EROSION CONTROL NOTES:

1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF SITE WATERS, INCLUDING WETLANDS.
2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED CITY OF COLORADO SPRINGS STANDARDS, INCLUDING BUT NOT LIMITED TO THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOL. II. ANY DEVIATIONS TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
3. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT MAY BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. DURING CONSTRUCTION THE SWMP IS THE RESPONSIBILITY OF THE DESIGNATED STORMWATER MANAGER, SHALL BE LOCATED ON SITE AT ALL TIMES AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
4. ONCE THE ESQCP HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL BMPS AS INDICATED ON THE GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND CITY OF FOUNTAIN WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH CITY INSPECTIONS STAFF.
5. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 21 CALENDAR DAYS AFTER FINAL GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEEDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMPS SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED.
6. TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED WITH PERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO STANDARDS AND SPECIFICATION PRESCRIBED IN THE RELEVANT ADOPTED CITY OF COLORADO SPRINGS CRITERIA MANUAL.
7. ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMPS IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE DRAINAGE CRITERIA MANUAL (DCM) AND IN ACCORDANCE WITH THE STORMWATER MANAGEMENT PLAN (SWMP).
8. ALL TEMPORARY EROSION CONTROL FACILITIES INCLUDING BMPS AND ALL PERMANENT FACILITIES INTENDED TO CONTROL EROSION OF ANY EARTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS, THE SWMP AND THE DCM AND MAINTAINED THROUGHOUT THE DURATION OF THE EARTH DISTURBANCE OPERATION.
9. ANY EARTH DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME.
10. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE DESIGNED TO LIMIT THE DISCHARGE TO A NON-EROSIVE VELOCITY.
11. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
12. EROSION CONTROL BLANKETING SHALL BE USED ON SLOPES STEEPER THAN 3:1, SINGLE NETTED FABRIC, AMERICAN EXCELSIOR OR EQUAL.
13. BUILDING, CONSTRUCTION, EXCAVATION, OR OTHER WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. BMP'S MAY BE REQUIRED BY CITY OF FOUNTAIN ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
14. VEHICLE TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFFSITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, AND SAND THAT MAY ACCUMULATE IN THE STORM SEWER OR OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.

17. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
18. NO CHEMICALS ARE TO BE USED BY THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING THE USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
19. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL FROM ENTERING STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
20. CONTRACTOR SHALL NOT CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER OR IN THE DITCHLINE.
21. CONTRACTOR SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS INCLUDED IN THE DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, OR CITY/COUNTY AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
22. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
23. PRIOR TO ACTUAL CONSTRUCTION THE PERMITEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
24. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
25. REFER TO SOILS REPORT PROVIDED IN APPENDIX A OF THE CONSTRUCTION SPECIFICATIONS.
26. AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 1 ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT: DEPT. OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION, WQCD - PERMITS.
27. ALL AREAS DISTURBED TO BE RESEEDED SHALL BE SEEDED WITH A NATIVE GRASS MIXTURE. THE SEED WILL BE APPLIED USING MECHANICAL TYPE DRILLS AT 0.25"-0.5" INTO TOPSOIL. AREA NOT ACCESSIBLE TO A DRILL SEEDER AND SLOPES STEEPER THAN 2:1 SHALL BE HAND BROADCAST AT DOUBLE THE ABOVE SEED RATE AND RAKED AT 1/4 TO 1/2 INTO THE TOPSOIL. ALL SEEDED AREAS WILL BE MULCHED: 1-1/2 TONS CERTIFIED WEED FREE NATIVE HAY PER ACRE MECHANICALLY CRIMPED IN TOPSOIL IN COMBINATION WITH AN ORGANIC MULCH TACKIFIER. MAINTENANCE OF ANY SWALES WILL INCLUDE EROSION CONTROL AND PREVENTION, DEBRIS REMOVAL AND OCCASIONAL MOWING. CARE SHALL BE USED DURING THE REMOVAL OF SEDIMENT FROM ANY DRAINAGE WAYS. ANY SEEDING OR EROSION CONTROL MEASURE THAT IS DISTURBED DURING MAINTENANCE SHALL BE IMMEDIATELY REPAIRED.
28. UNLESS OTHERWISE NOTED, CITY OF FOUNTAIN STANDARD SPECIFICATIONS SUPERCEDE ANY DUPLICATE OR OUTDATED REQUIREMENTS LISTED HEREIN, OR IN THE EVENT OF ERRORS AND/OR OMISSIONS.

TIMING, CONSTRUCTION STAGING AND SEQUENCING:

EXPECTED START DATE:

INSTALL TEMPORARY EROSION CONTROL	1 DAY
ROUGH GRADING	1 DAY
PROPOSED IMPROVEMENTS (CARPORTS 1 & 2 GRAVEL DRIVE, DRAINAGE IMPROVEMENTS)	3 MONTHS
REMOVE TEMPORARY EROSION CONTROL	1 DAY

MINIMUM BEST MANAGEMENT PRACTICES ELEMENTS:

- STEP 1- EROSION AND SEDIMENT CONTROL
INSTALL SEDIMENT TRAPPING DEVICES (PERIMETER CONTROLS) PRIOR TO THE START OF CONSTRUCTION.
- STEP 2- SPILL PREVENTION AND RESPONSE
- STEP 3- MATERIAL MANAGEMENT
MATERIAL AND EQUIPMENT STORAGE AREAS SHALL BE SECURE AND CONTAINED TO PREVENT DISCHARGE OF ANY MATERIAL IN RUNOFF. WASTE SHALL BE CONTAINED AND DISPOSED OF PROPERLY. MAINTAIN BMP'S DURING BUILDING AND UTILITY CONSTRUCTION.
- STEP 4- INSPECTION AND MAINTENANCE
(SEE EROSION CONTROL NOTES)
- STEP 5- INSTALL FINAL STABILIZATION - BASE COURSE, EROSION CONTROL BLANKETS, AND SEEDING.
- STEP 6- REMOVE TEMPORARY CONTROLS - SILT FENCING AFTER PERMANENT FEATURES ARE INSTALLED.

FINAL STABILIZATION AND LONG-TERM STORMWATER MANAGEMENT:

FINAL STABILIZATION MEASURES INCLUDE THE ABOVE MENTIONED.

EARTHWORK SUMMARY:

CUT	70± CY
FILL	375± CY
NET FILL	305± CY
TOTAL CARPORT 1 AND 2	
SITE DISTURBED AREA	32,800± SF (0.75± AC)

SEED MIX			
SPECIES	VARIETY	LBS. PLS PER ACRE DRILLED	LBS PLS PER ACRE BROADCAST
BLUE GRAMA (B. GRACILLIS)	LOVINGTON	0.4	0.8
LITTLE BLUESTEM (S. SCOPARIUS)	PASTURA	1.2	2.4
SIDOATS GRAMA (B. CURTIPEN-DULA)	BUTTE OR VAUGHN	1.6	3.2
PRAIRIE SANDREED (C. LONGIFOLIA)	GOSHEN	1.1	2.2
SAND DROPSEED (S. CRYPTANDRUS)		0.1	0.1
GREEN NEEDLEGRASS (S. VIRIDULA)		1.7	3.4
STEAMBANK WHEATGRASS	SODAR	2.0	4.0
		8.1#PLS	16.1#PLS

CARPORT 1/CITY OF FOUNTAIN
REQUIREMENTS LISTED FOR
REFERENCE ONLY. REVIEW BY CITY
OF FOUNTAIN PLANNING ONLY.

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JDS-HYDRO
CONSULTANTS, INC.
5640 TECH CENTER DR., SUITE 100
COLORADO SPRINGS, COLORADO 80919
(719) 227-0072

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WIDEFIELD WATER AND SANITATION DISTRICT
WWTP CARPORTS
448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
EROSION CONTROL NOTES

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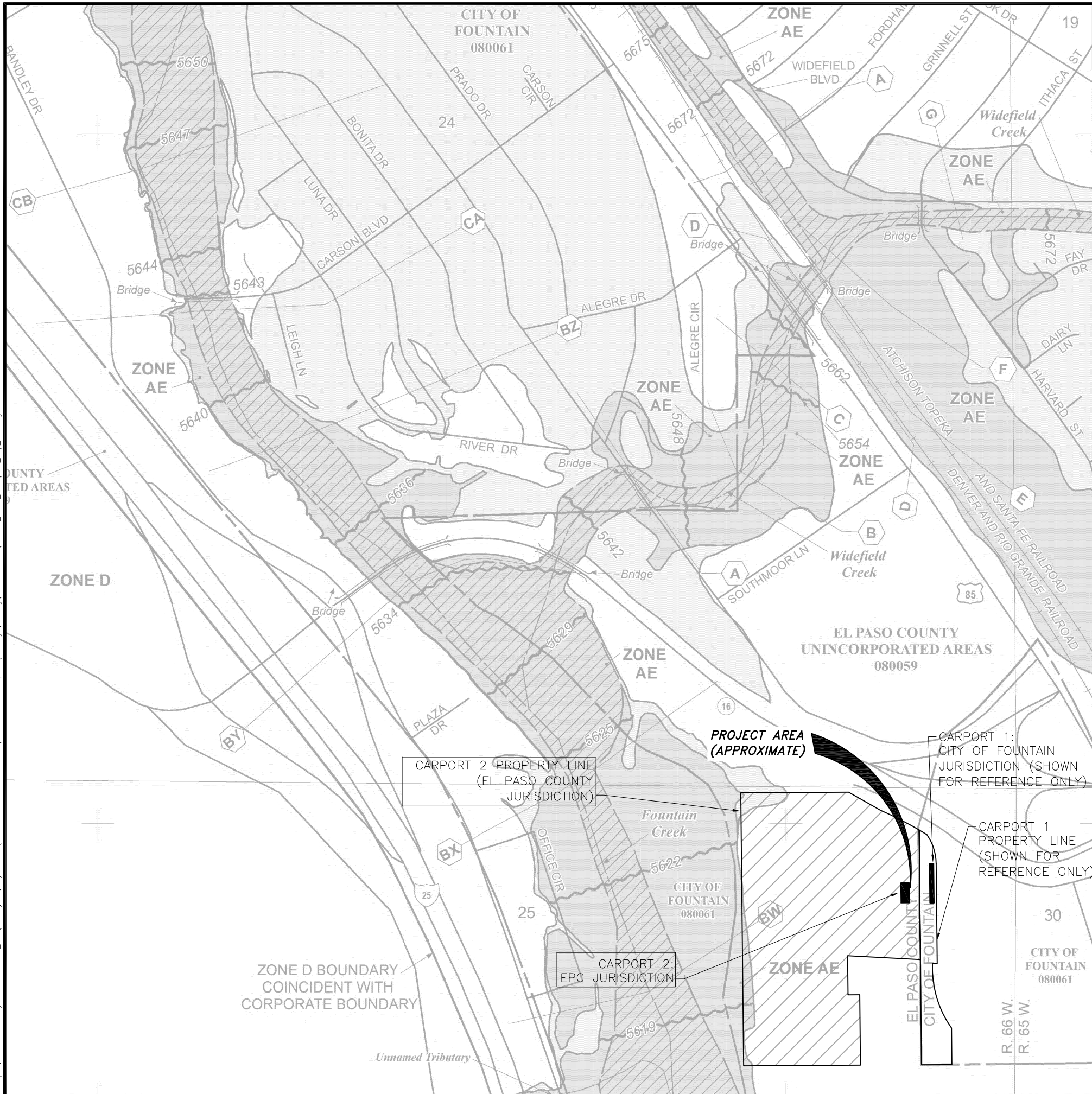
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LEGEND:
 WWSW WASTEWATER TREATMENT PLANT PROPERTY/EL PASO COUNTY BOUNDARY/PROPOSED CARPORT 2 LOCATION (EL PASO COUNTY REVIEW OF CARPORT 2 ONLY. CARPORT 1 IS SHOWN FOR REFERENCE ONLY AND IS UNDER REVIEW WITH CITY OF FOUNTAIN JURISDICTION AGENCIES)

MAP SCALE 1" = 500'

250 0 500 1000 FEET
 150 0 150 300 METERS

NFIP **PANEL 0951G**

FIRM
FLOOD INSURANCE RATE MAP
EL PASO COUNTY, COLORADO
AND INCORPORATED AREAS

PANEL 951 OF 1300
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EL PASO COUNTY	080059	0951	G
FOUNTAIN, CITY OF	080061	0951	G

Notice to User: The Map Number shown below should be used when placing map orders: the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 08041C0951G

MAP REVISED DECEMBER 7, 2018

Federal Emergency Management Agency

JDS-HYDRO CONSULTANTS, INC.
 5640 TECH CENTER DR, SUITE 100
 COLORADO SPRINGS, COLORADO 80919
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WIDEFIELD WATER AND SANITATION DISTRICT
 WWP CARPORTS
 448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
 FEMA FLOODPLAIN MAP

NO.	DESCRIPTION	BY	APP.	DATE
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FOR PLAN REVIEW

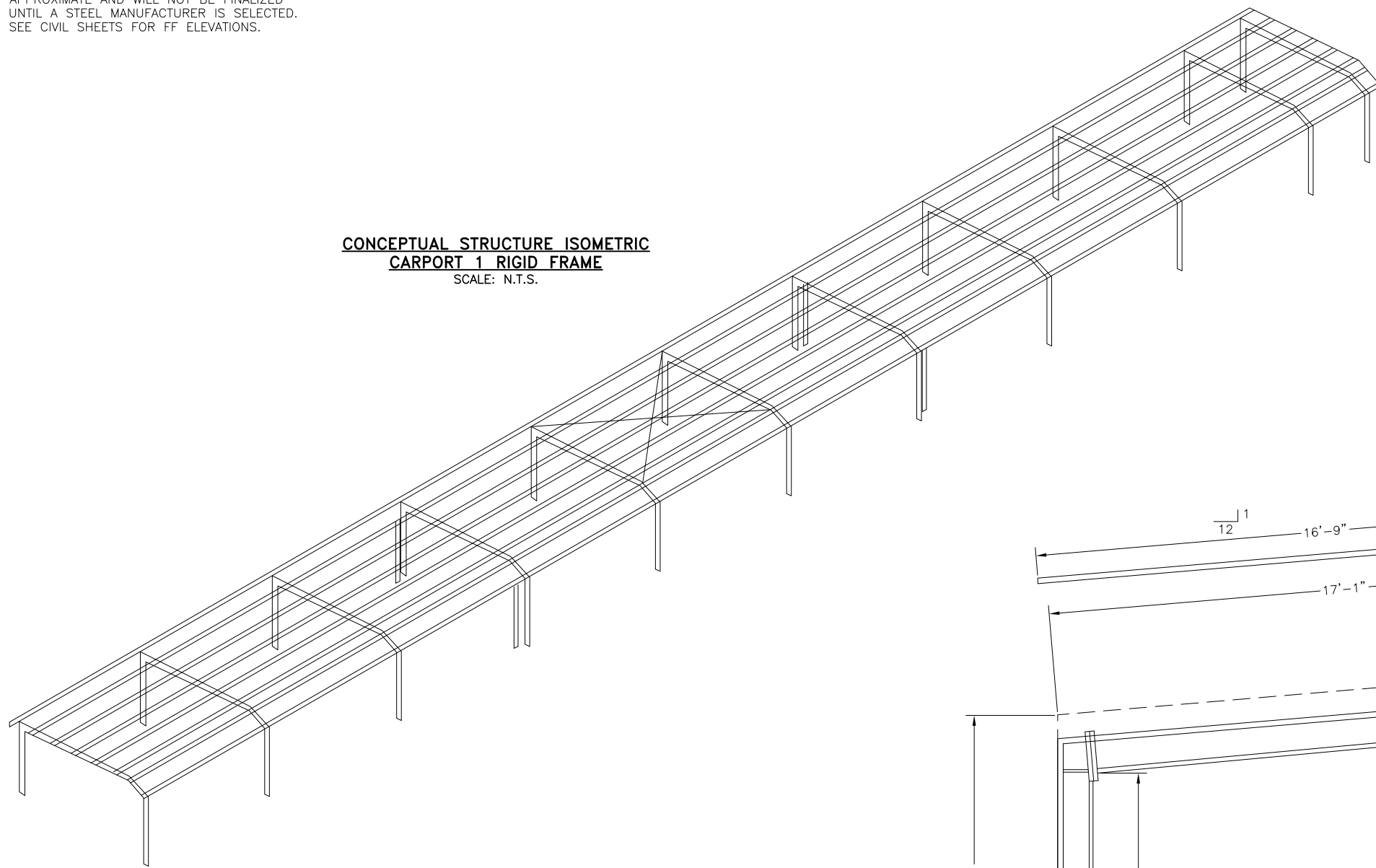
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 Date: 06/25/19
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 SHEET 9 OF 11

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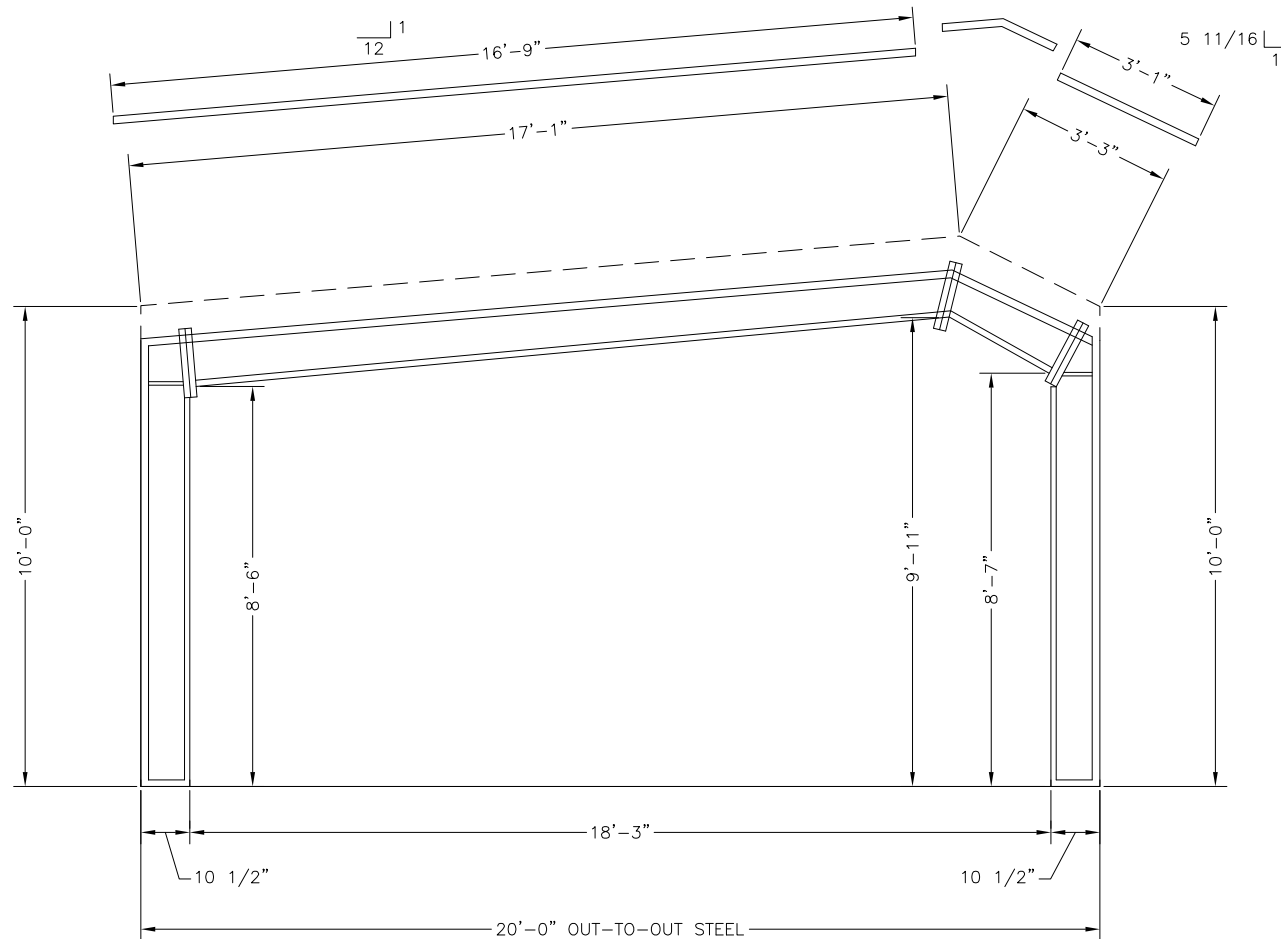
NOTE:

1. STEEL DIMENSIONS SHOWN HEREIN ARE APPROXIMATE AND WILL NOT BE FINALIZED UNTIL A STEEL MANUFACTURER IS SELECTED.
2. SEE CIVIL SHEETS FOR FF ELEVATIONS.



**CONCEPTUAL STRUCTURE ISOMETRIC
CARPORT 1 RIGID FRAME**
SCALE: N.T.S.

**CARPORT 1 SHOWN FOR
REFERENCE ONLY. REVIEW
BY CITY OF FOUNTAIN
PLANNING.**



**CONCEPTUAL STRUCTURE SECTION/ELEVATION
CARPORT 1 RIGID FRAME**
11x17 SCALE: ±1/4"=1'-0"
24x36 SCALE: ±1/2"=1'-0"

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WWTP CARPORTS
448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
CONCEPTUAL STRUCTURE ELEVATION/SECTION - CARPORT 1

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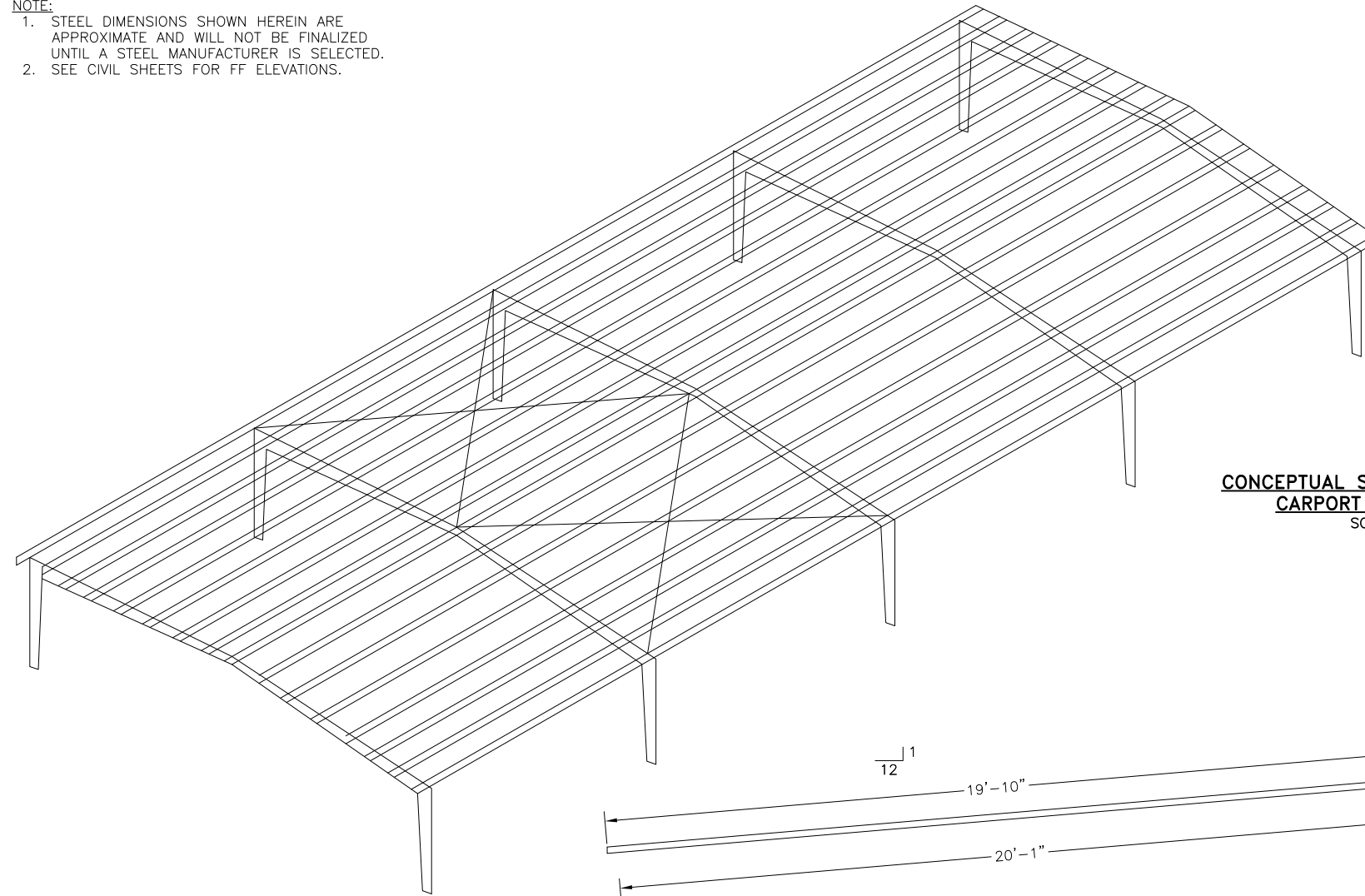
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A1
SHEET 10 OF 11

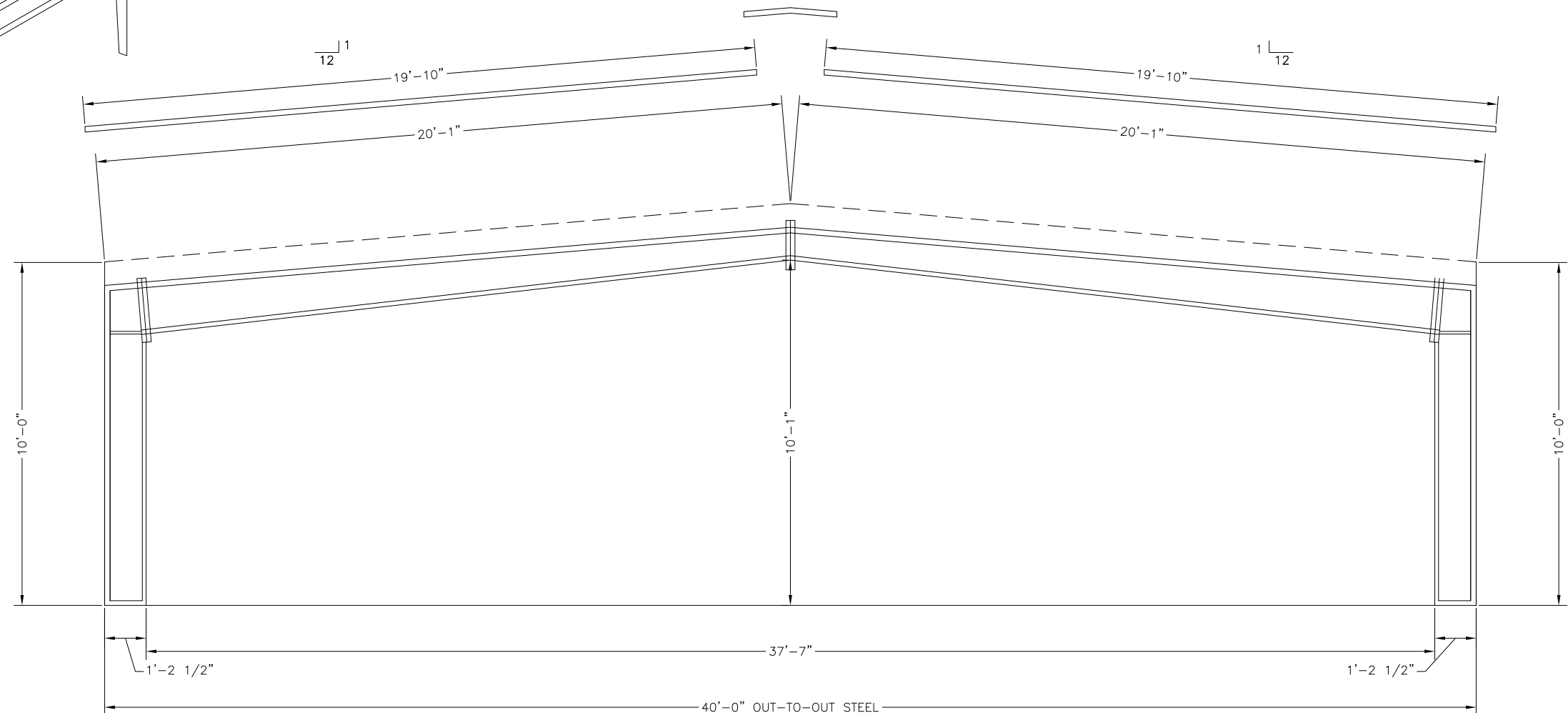
NOTE:

1. STEEL DIMENSIONS SHOWN HEREIN ARE APPROXIMATE AND WILL NOT BE FINALIZED UNTIL A STEEL MANUFACTURER IS SELECTED.
2. SEE CIVIL SHEETS FOR FF ELEVATIONS.



**CONCEPTUAL STRUCTURE ISOMETRIC
CARPORT 2 RIGID FRAME**
SCALE: N.T.S.

CARPORT 2 REVIEW BY EL PASO COUNTY PLANNING



**CONCEPTUAL STRUCTURE SECTION/ELEVATION
CARPORT 2 RIGID FRAME**
11X17 SCALE: ±1/4"=1'-0"
24X36 SCALE: ±1/2"=1'-0"

2019/08/06 11:31 AM By: Precision 7510_1 J:\JDS-Hydro\Project Files\102 Widefield Water And San\102.118 WTP Carports\Drawings\Working\EP\Submittal\102118_Arch_Concepts_EPC.dwg

JDS-HYDRO CONSULTANTS, INC.
5540 TECH CENTER DR., SUITE 100
COLORADO SPRINGS, COLORADO 80919
(719) 227-0072

DISCLAIMER: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS. ANY ERRORS OR OMISSIONS SHALL BE REPORTED TO JDS-HYDRO CONSULTANTS, INC. JDS-HYDRO ASSUMES NO LIABILITY FOR UNAUTHORIZED CHANGES AND/OR REVISIONS MADE TO PLANS.

WIDEFIELD WATER AND SANITATION DISTRICT

WWTP CARPORTS
448 WILLOW SPRINGS ROAD, FOUNTAIN, CO 80817
CONCEPTUAL STRUCTURE ELEVATION/SECTION - CARPORT 2

NO.	DESCRIPTION	BY	APP.	DATE
1	JURISD. CLARIF.	GGM	DES	07/31/19
2				
3				
4				
5				
6				
7				

FOR PLAN REVIEW

Project No.: 102.118
Date: 06/25/19
Design: GGM
Drawn: GGM
Check: DES

A2

SHEET 11 OF 11