### ARCHITECT

JOHN P. NELSON ASSOCIATES 1626 EAST PIKES PEAK COLORADO SPRINGS. CO. 80909 PHONE: 719-632-3384 john@jpnarch.com

### LANDSCAPE

## CONSTRUCTION ABBREVIATIONS

АŤ AB A/C AC AFF ALUM ALT APPROX APPROXIMATE ARCH ASPH

BD BLDG BLK BLOCKING BLKG BOT BOTTOM BW

C.B.

C.I.

CL C.O.

COL

САВ CABINET CEM CEMENT CER CERAMIC CAST IRON CLG CEILING CLEAN OUT COLUMN CONC CONCRETE CONN CONSTR

CONT CONTR CTD CTSK CC CΨ CJ DIA

DBDC DEPT DET DETAIL DIA DIAMETER DIM DN DOWN D.O. DOOR DR DS DUG

ΕA E.J. EL. ELEC EELEV ENCL EQ EΨ

EWC EXIST EXISTING EXP EXPANSION EXPO EXPOSED EXT EXTERIOR E.F.

FΑ

FD

FE

EXHAUST FAN FIRE ALARM FLOOR DRAIN FDN FOUNDATION FIRE EXTINGUISHER

ANCHOR BOLT AIR CONDITIONING ALTERNATING CURRENT FLASH FLASHING ABOVE FINISH FLOOR ALUMINUM ALTERNATE ARCHITECTURAL ASPHALT BOARD BUILDING BLOCK

BOTH WAYS CATCH BASIN CENTER LINE CONNECTION CONSTRUCTION CONTINUOUS CONTRACTOR COATED COUNTERSUNK CENTER TO CENTER COLD WATER CONTROL JOINT DIAMETER DOUBLE DEPARTMENT DIMENSION DOOR OPENING

DOWN SPOUT DRAWING EACH EXPANSION JOINT ELEVATION ELECTRICAL ELEVATION ENCLOSURE EQUAL EACH WAY ELECT WATER COOLER

FF FINISH FLOOR FINISH FLOOR FLUOR FLUORESCENT FS FULL SIZE FOOT OR FEET FTG FOOTING FURN FURNISH FURR FURRING

FIN

FL

FT

GΑ

GI GB GC

GL GM

GND

GYP

HDW HM

ΗT

HVAC

HΨ

D

INSUL

INST

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INV

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OН

OPP

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LВ

PCF

PSF

PSI

OFF

LT

HWH

GAUGE GALVANIZED GRAB BAR GENERAL CONTRACTOR GLASS GAS METER GROUND GYPSUM HARDWARE HOLLOW METAL HORIZ HORIZONTAL HEIGHT

HTG HEATING HEATING VENTILATION AND AIR CONDITIONING HOT WATER HOT WATER HEATER INSIDE DIMENSION

> INGULATION INSTALL INTERIOR INVERT

> > JANITOR

JOINT LAMINATE LAVATORY LOCKER LIGHT MAXIMUM 1,000 BYU/HR MECH MECHANICAL

> METAL MANUFACTURER MANHOLE MINIMUM MICELLANEOUS MOUNTED NOT IN CONTRACT

NUMBER NOMINAL NOT TO SCALE ON CENTER OFFICE OVERHEAD OPNG OPENING OPPOSITE OUTSIDE AIR

> POUND LB PER CUBIC FOOT LB PER SQUARE FOOT LB PER SQUARE INCH

PLATE PL PLASTIC LAMINATE PLAM PLAS PLASTER PLYWD PLYWOOD PR PAIR PREFAB PREFABRICATED Pt

PTN

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<u>66</u>

POINT PARTITION QUARRY TILE

RISER RADIUS ROOF DRAIN REFERENCE REFRIGERATOR REINFORCED REQUIRED REVISION ROOM ROUGH OPENING ROOF TOP UNIT SC SOLID CORE

SCHED SCHEDULE SQUARE FOOT SECTION SHEET SIMILAR SPECIFICATION SQUARE STAINLESS STEEL STATION STANDARD STEEL STORAGE STRUCT STRUCTURAL SUSPENDED SYMMETRICAL TREAD TOP & BOTTOM TELEPHONE TERRAZZO

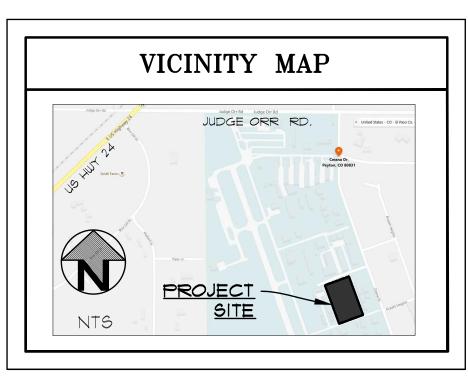
> TONGUE & GROOVE THICK TOP OF PARAPET TOP OF STEEL TO OF CONCRETE TYPICAL

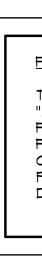
UNLESS NOTED OTHERWISE URINAL

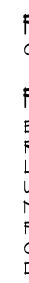
WALL OPENING

VERIFY IN FIELD VINTL COMPOSTION TILE VERTICAL VESTIBULE VINYL TILE VENT THROUGH ROOF WITH WATER CLOSET WOOD WINDOW WITHOUT WEIGHT WELDED WIRE FABRIC

**PROJECT DESCRIPTION** THE PROJECT CONSISTS OF GROUND UP CONSTRUCTION, AND SITE IMPROVEMENTS. THE BUILDING IS LOCATED AT 8140 CESSNA DRIVE, PEYTON CO. 80831 EL PASO COUNTY REFER TO VICINITY MAP FOR PROPERTY LOCATION.









# DEVELOPMENT PLAN MEADOW LAKE HANGAR

## 8140 CESSNA DRIVE PEYTON, COLORADO 80831

HIGHER GROUND DESIGNS, INC. 3610 REBECCA LANE, STE. 111 COLORADO SPRINGS. CO. 80917 PHONE: 719-477-1646

## PLANNING INFO

SETBACKS:

25FT AT FRONT, 12FT AT SIDES, 50FT AT REAR - TAXIWAY EASEMENT

### CIVIL ENGINEER

OLIVER E. WATTS CONSULTING ENGINEER, INC. 614 ELKTON DRIVE COLORADO SPRINGS. CO. 80907 PHONE: 719-593-0173 OLLIEWATTS@AOL.COM

### **PROPERTY OWNER**

RYAN SCHNEIDER 2610 FAIRMOUNT ST COLORADO SPRING

		DRAWING	IND	ΞX	
DP-1	TS-1	TITLE SHEET	55.0		
DP-2	A-2	SITE PLAN	DP-9	PH	PHOTOMETRIC F
			DP-10	L1.1	LANDSCAPE PL
DP-3	A-3	ELEVATIONS			
DP-4	C-1	GRADING AND EROSION CONTROL PLAN			
DP-5	C-2	EROSION CONTROL DETAILS			
DP-6	C-3	EDB OUTLET DETAILS			
DP-1	C-4	EROSION CONTROL DETAILS			
DP-8	C-5	EROGION CONTROL DETAILS			

### FEMA FLOOD NOTE

THIS SITE IS NOT IN A FLOODPLAIN "AREA OF MINIMAL FLOOR HAZARD" FLOODPLAIN MAP INFO: FIPS NO. 0804100507G COMMUNITY MAP NO. 080060 PANEL Ø538F ZONE: X DATE: DEC. 7, 2018

### GEOLOGICAL HAZARD

THIS SITE IS NOT LOCATED IN A GEOLOGICAL HAZARD AREA

### AVIGATION EASEMENT NOTE:

AN AVIGATION EASEMENT EFFECTING THE SUBJECT PROPERTY AND DEVELOPMENT IS THEREIN ESTABLISHED BY THE "WOOD HEIGHTS COMMERCIAL FILING NO. 2" SUBDIVISION PLAT. THIS EASEMENT IS SUBJECT TO THE TERMS AND CONDITIONS AS SPECIFIED IN THE INSTRUMENT RECORDED UNDER RECEPTION 217069667 OF THE RECORDS OF EL PASO COUNTY, COLORAE

### PROJECT CONSTRUCTION SCHEDULE COMPLETION: SUMMER 2022

PROPOSED EXTERIOR LIGHTING BUILDING MOUNTED ARCHITECTURAL FULL CUT OFF RECESSED LUMINARIES AT MAIN ENTRANCE TO BE 81 WATT LED. MOUNTED AT 10'-0 A.F.F.

WAL-PAC FULL CUT-OFF SECURITY TYPE FIXTURES. MOUNTING HEIGHT = VARIES - SEE DP-3 ELEVATIONS PARKING LOT LIGHTING SHALL BE LED 104 WATT FULL CUTOFF POLE MOUNTED FIXTURES AND I.E.S. TYPE-V DISTRIBUTION ON 20'-0" POLE, SEE DETAIL 5/DP-2

### ADA DESIGN PROFESSIONAL STANDARDS

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STAN AND GUIDELINES AS PUBLISHED BY THE UNITED STA DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN THE CITY OF EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY OTHER FEDERA STATE ACCESSIBILITY LAWS FOR ANY REGULATIONS GUIDELINES ENACTED OR PROMULGATED UNDER OF RESPECT TO SUCH LAWS. SOLE RESPONSIBILITY FOR COMPLIANCE WITH FEDERAL AND STATE ACCESSIBI LAWS LIES WITH THE PROPERTY OWNER.



El Paso County Planning & Community Development

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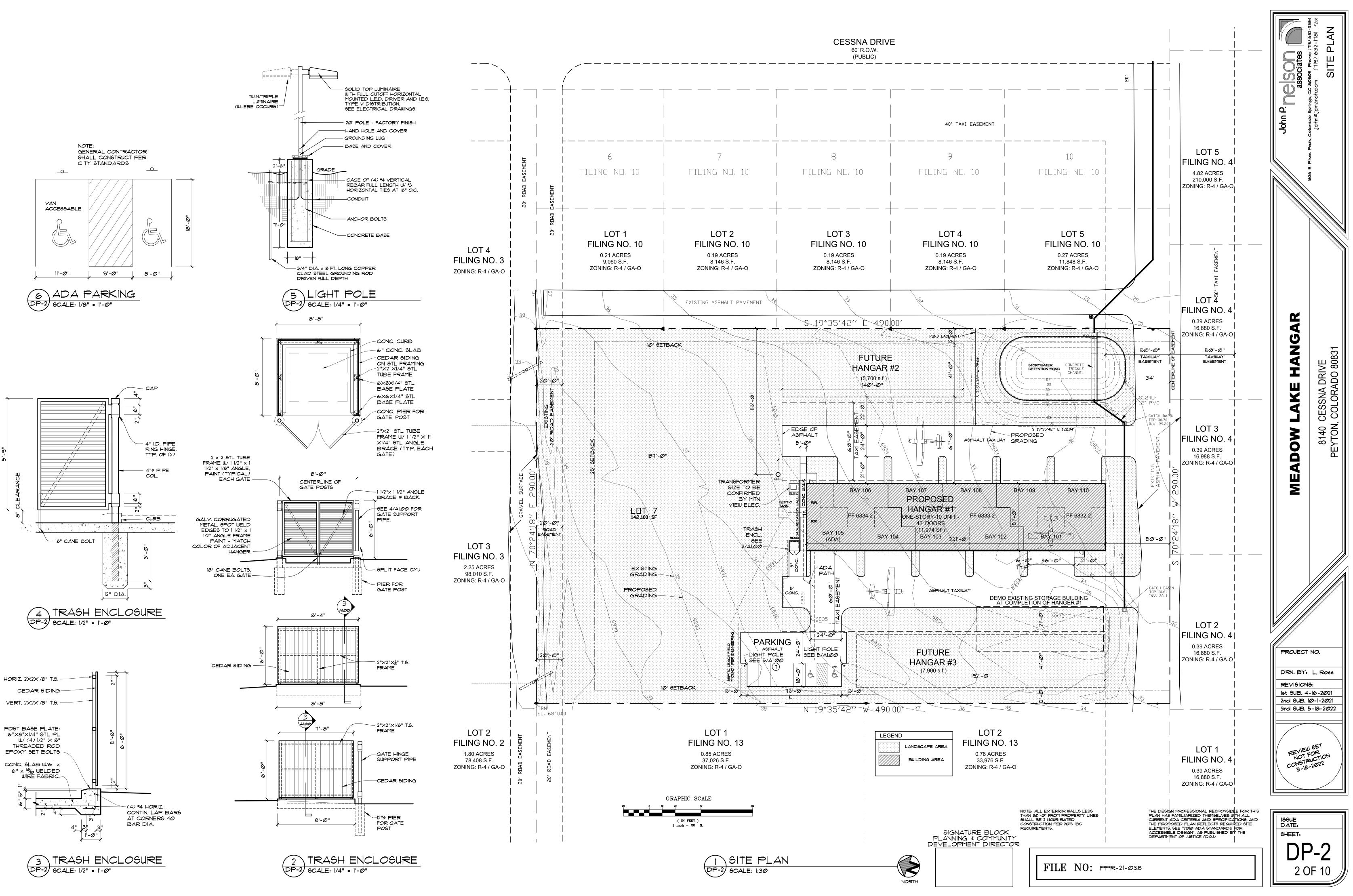
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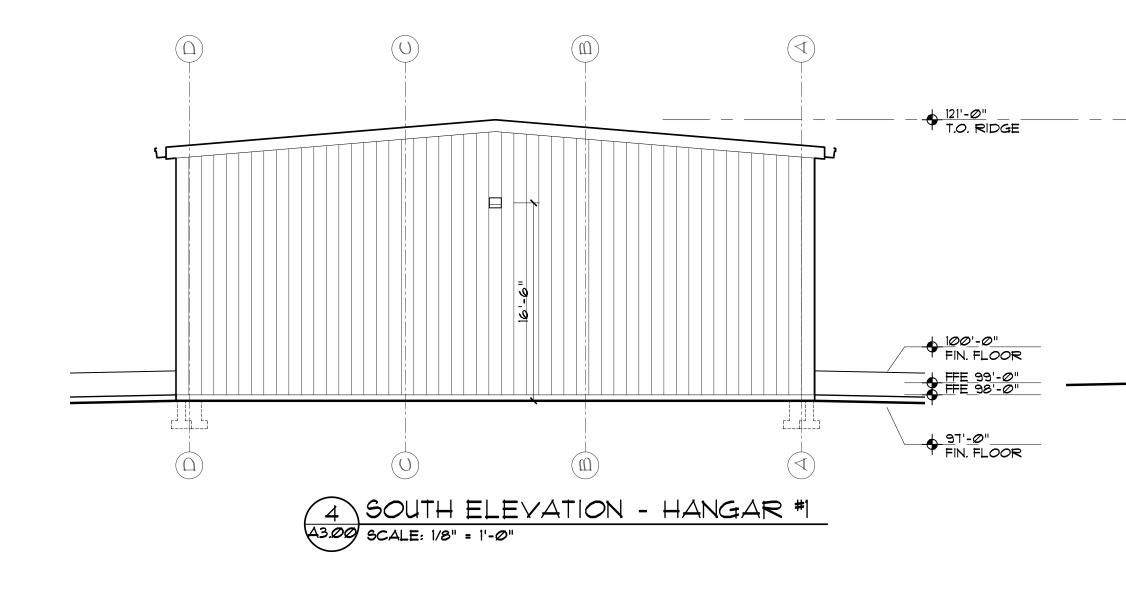
- nelson associates

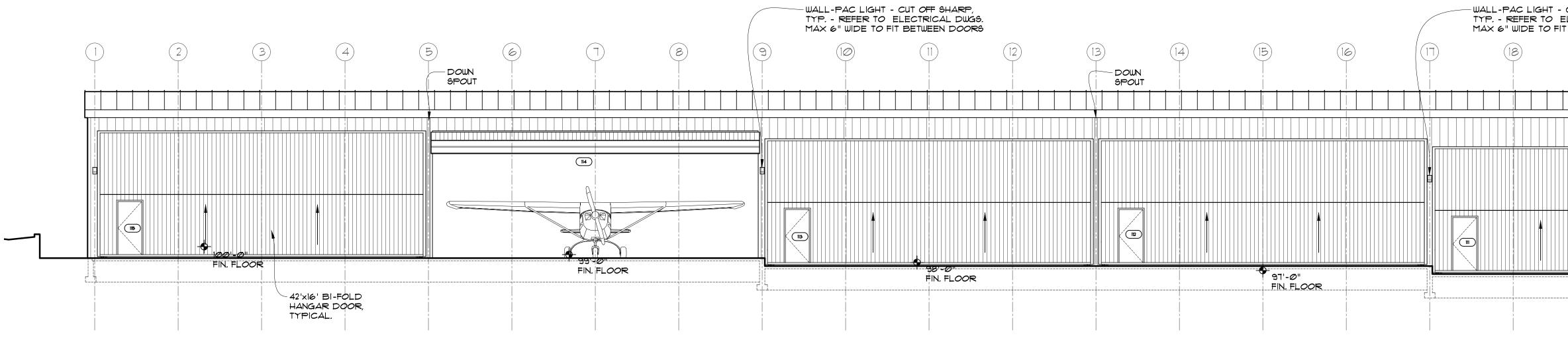
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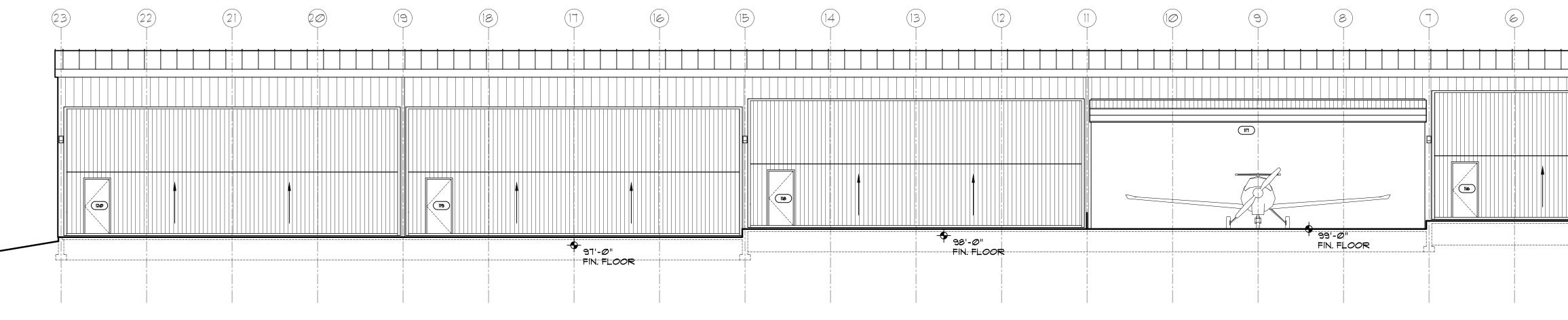
John

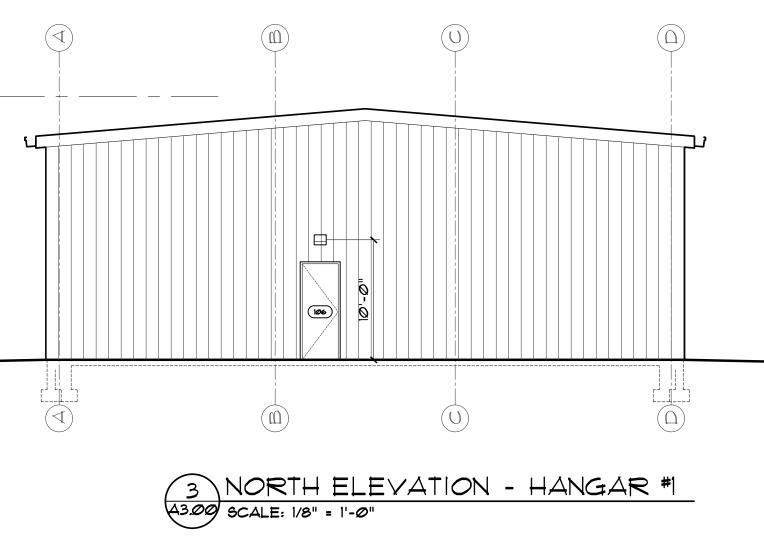
€, CO 8Ø9Ø9		
	SITE DATA LEGAL DESCRIPTION:	
PLAN _AN	LOT 7 BLK I MEADOW LAKE AIRPORT FIL NO 2	GAR
	LOT 7: 3.26 ACRES	HANGAR DRIVE DO 80831
	EXISTING ZONING: R-4 GA-Ø	LAKE HAN CESSNA DRIVE V, COLORADO 80831
	PARCEL I.D. NUMBER: 4304002086	MEADOW 8140 PEYTON,
MEN NO. DO		PROJECT NO.
		DRN. BY: L. Ross
	AMENDMENT HISTORY   FILE NUMBER APPROVAL DATE   REVISION DESCRIPTION	REVISIONS: 1st SUB. 4-16-2021 2nd SUB. 10-1-2021 3rd SUB. 5-18-2022
DARDS ATES BY		REVIEW SET NOT FOR NOT FOR CONSTRUCTION CONSTRUCTION 5-18-2022 5-18-2022
AL OR OR	CITY LAND USE REVIEW	
R WITH R LITY	FILE NO: PPR-21-Ø38	ВЗШЕ DATE: SHEET: <b>DP-1</b> 1 OF 10
J		

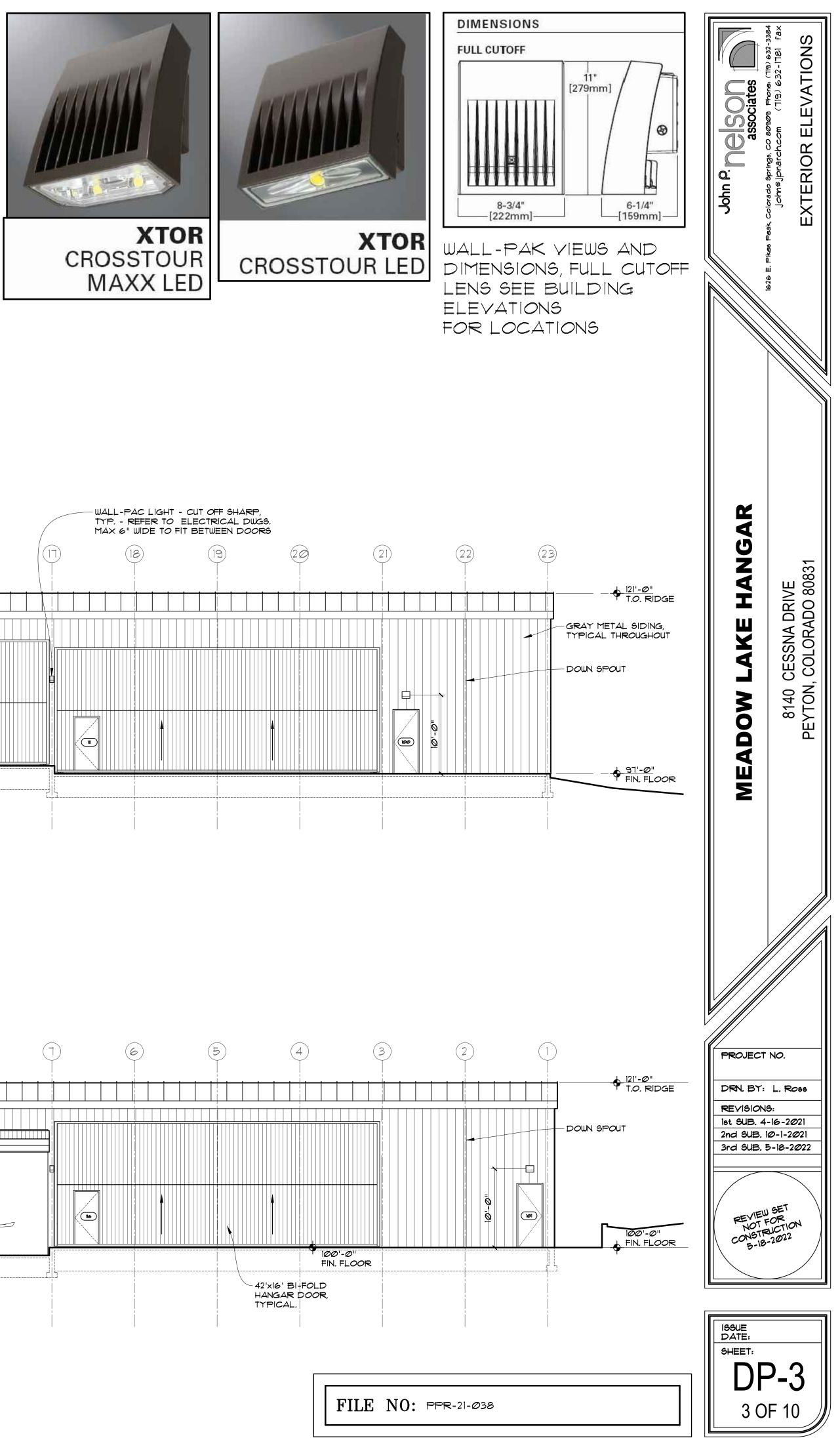






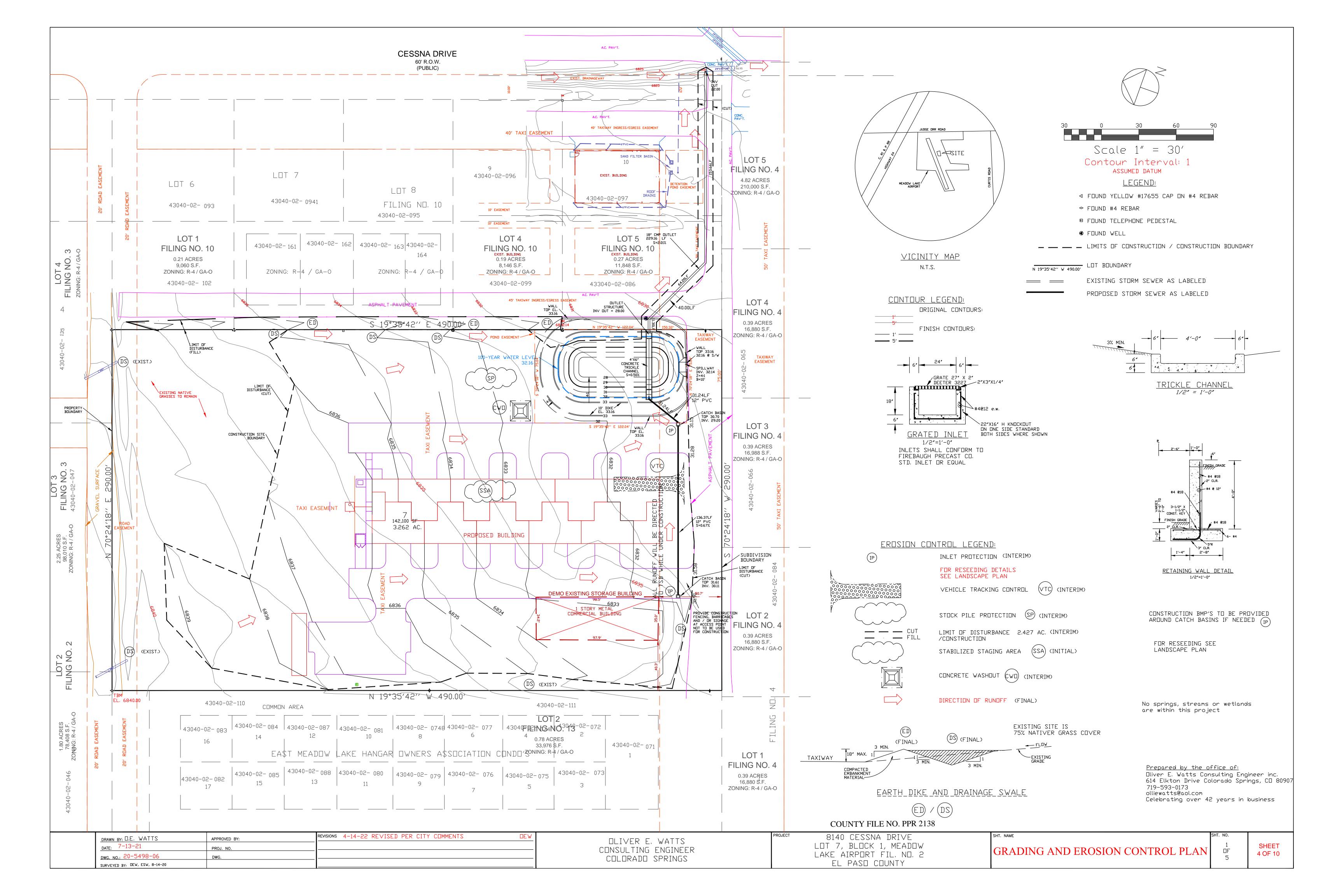








1 WEST ELEVATION - HANGAR #1 A3.00 SCALE: 1/8" = 1'-0"



Εl	Paso	County	(standalone	GEC	Plan)
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County plan review is provided only for general conformance with County Design Criteria. The County is not responsible for the accuracy and adequacy of the design, dimensions, and/ or elevations which shall be confirmed at the job site. The County through the approval of this document assumes no responsibility for completeness and/ or accuracy of this document. Filed in accordance with the requirements of the El Paso County Land Development Code, Drainage Criteria Manual Volumes 1 and 2, and Engineering Criteria Manual, as amended.

In accordance with ECM Section 1.12, these construction documents will be valid for construction for a period of 2 years from the date signed by the El Paso County Engineer. If construction has not started within those 2 years, the plans will need to be resubmitted for approval, including payment of review fees at the Planning and Community Development Director's discretion.

\_\_\_\_\_ Jennifer Irvine, PE County Engineer date INV DUT 29.6 F =9.151 F 4" PVC -MAX WS EL. 31.32 (5292 CF)=TOP OF SLOPE RISER PIPE TOP 31.32 INV. 30.00 ∡INV. EL. 30 USE 1-1/2" DIA. HOLE @8″ o.c. 31 \_\_\_\_\_ 31 \_\_\_\_\_ ---------TEMPORARY SILTATION BASIN DETAILS 1"=30' REVISIONS DRAWN BY: D.E. WATTS APPROVED BY: DATE: 7-13-21 PROJ. NO. DWG. NO .: 20-5498-07 DWG. SURVEYED BY: DEW, ESW, 8-14-20

Engineer's Statement (for standalone GEC Plan); This Grading and Erosion Control Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. Said Plan has been prepared according to the criteria established by the County for Grading and Erosion Control Plans. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this plan.

Engineer of Record Signature

Oliver E. Watts, COLO PELS#9853 Oliver E Watts Consulting Engineer, Inc. 614 Elkton Drive Colorado Springs, CD 80907 719-593-0173 olliewatts@aol.com

Owner's Statement (for standalone GEC Plan); I, the owner/developer have read and will comply with the requirements of the Grading and Erosion Control Plan.

\_\_\_\_\_\_ Signature SCHNEIDER

RYAN

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

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 El Paso County standards, including the Land Development Code, the Engineering Criteria Manual, the Drainage Criteria Manual, and the Drainage Criteria Manual Volume 2. Any deviations from regulations and standards must be requested, and approved, in writing. 3. A separate Stormwater Management Plan (SMWP) for this project shall be completed and an Erosion and Stormwater Quality Control Permit (ESQCP) issued prior to commencing construction. Management of the SWMP during construction is the responsibility of the designated Qualified Stormwater Manager or Certified Erosion Control Inspector. The SWMP shall be located on site at all times during construction and shall be kept up to date with work progress and changes in the field.

4. Once the ESQCP is approved and a "Notice to Proceed" has been issued, the contractor may install the initial stage erosion and sediment control measures as indicated on the approved GEC. A Preconstruction Meeting between the contractor, engineer, and El Paso County will be held prior to any construction. It is the responsibility of the applicant to coordinate the meeting time and place with County staff. 5. Control measures must be installed prior to commencement of activities that could contribute pollutants to stormwater, control measures for all slopes, channels, ditches, and disturbed land areas shall be installed immediately upon completion of the disturbance. 6. All temporary sediment and erosion control measures shall be maintained and remain in effective operating condition until permanent soil erosion control measures are implemented and final stabilization is established. All persons engaged in land disturbance activities shall assess the adequacy of control measures at the site and identify if changes to those control measures are needed to ensure the continued effective performance of the control measures. All changes to temporary sediment and erosion control measures must be incorporated into the Stormwater Management Plan. 7. Temporary stabilization shall be implemented on disturbed areas and stockpiles where ground disturbing construction activity has permanently ceased or temporarily ceased for longer than 14 days.

8. Final stabilization must be implemented at all applicable construction sites. Final stabilization is achieved when all ground disturbing activities are complete and all disturbed areas either have a uniform vegetative cover with individual plant density of 70 percent of pre-disturbance levels established or equivalent permanent alternative stabilization method is implemented. All temporary sediment and erosion control measures shall be removed upon final stabilization and before permit closure.

9. All permanent stormwater management facilities shall be installed as designed in the approved plans. Any proposed changes that effect the design or function of permanent stormwater management structures must be approved by the ECM Administrator prior to implementation. 10. Earth disturbances shall be conducted in such a manner so as to effectively minimize 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. Pre-existing vegetation shall be protected and maintained within 50 horizontal feet of waters of the state unless shown to be infeasible and specifically requested and approved.

11. Compaction of soil must be prevented in areas designated for infiltration control measures or where final stabilization will be achieved by vegetative cover. Areas designated for infiltration control measures shall also be protected from sedimentation during construction until final stabilization is achieved. If compaction prevention is not feasible due to site constraints, all areas designated for infiltration and vegetation control measures must be loosened prior to installation of the control measure(s),

12. Any temporary or permanent facility designed and constructed for the conveyance of stormwater around, through, or from the earth disturbance area shall be a stabilized conveyance designed to minimize erosion and the discharge of sediment off site. 13. Concrete wash water shall be contained and disposed of in accordance with the SWMP. No wash water shall be discharged to or allowed to enter State Waters, including any surface or subsurface storm drainage system or facilities. Concrete washouts shall not be located in an area where shallow groundwater may be present, or within 50 feet of a surface water body, creek or stream. 14. During dewatering operations of uncontaminated ground water may be discharged on site, but shall not leave the site in the form of surface runoff unless an approved State dewatering permit is in place.

15. Erosion control blanketing or other protective covering shall be used on slopes steeper than 3:1. 16. 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. 17. 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. Control measures may be required by El Paso County Engineering if deemed necessary, based on specific conditions and circumstances. 18. Tracking of soils and construction debris off-site shall be minimized. Materials tracked off-site shall be cleaned up and properly disposed of immediately. 19. The owner/developer shall be responsible for the removal of all construction debris, dirt, trash, rock, sediment, soil, and sand that may accumulate in roads, storm drains and other drainage conveyance systems and stormwater appurtenances as a result of site development. 20. 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. 21. No chemical(s) having the potential to be released in stormwater are to be stored or used onsite unless permission for the use of such chemical(s) is granted in writing by the ECM Administrator. In granting approval for the use of such chemical(s), special conditions and monitoring may be required 22. Bulk storage of allowed petroleum products or other allowed liquid chemicals in excess of 55 gallons shall require adequate secondary containment protection to contain all spills onsite and to prevent any spilled materials from entering State Waters, any surface or subsurface storm drainage system or other facilities.

23. No person shall cause the impediment of stormwater flow in the curb and gutter or ditch except with approved sediment control measures. 24. Owner/developer and their agents shall comply with the "Colorado Water Quality Control Act" (Title 25, Article 8, CRS), and the "Clean Water Actnd s" (33 USC 1344), in addition to the requirements of the Land Development Code, DCM Volume II and the ECM Appendix I. All appropriate permits must be obtained by the contractor prior to construction (1041, NPDES, Floodplain, 404, fugitive dust, etc.). In the event of conflicts between these requirements and other laws, rules, or regulations of other Federal, State, local, or County agencies, the most restrictive laws, rules, or regulations shall apply. 25. All construction traffic must enter/exit the site only at approved construction access points. 26. Prior to construction the Permittee shall verify the location of existing utilities. 27. A water source shall be available on site during earthwork operations and shall be utilized as required to minimize dust from earthwork equipment and

28. The soils report for this site has been prepared by ENTECH ENGINEERING and shall be considered a part of these plans.

part. For information or application materials contact: Colorado Department of Public Health and Environment Water Quality Control Division

WQCD - Permits 4300 Cherry Creek Drive South Denver, CO<sup>°</sup>80246-1530

Attn: Permits Unit

30. No batch plants will be utillized on site.

PROJECT

### COUNTY FILE NO. PPR 2138

DLIVER E, WATTS	
CONSULTING ENGINEER	
COLORADO SPRINGS	

8140 CESSNA DRIVE LOT 7, BLOCK 1, MEADOW LAKE AIRPORT FIL, NO, 2 EL PASO COUNTY

5-11-2022 Date

SHT. NAME

29. At least ten (10) days prior to the anticipated start of construction, for projects that will disturb one (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

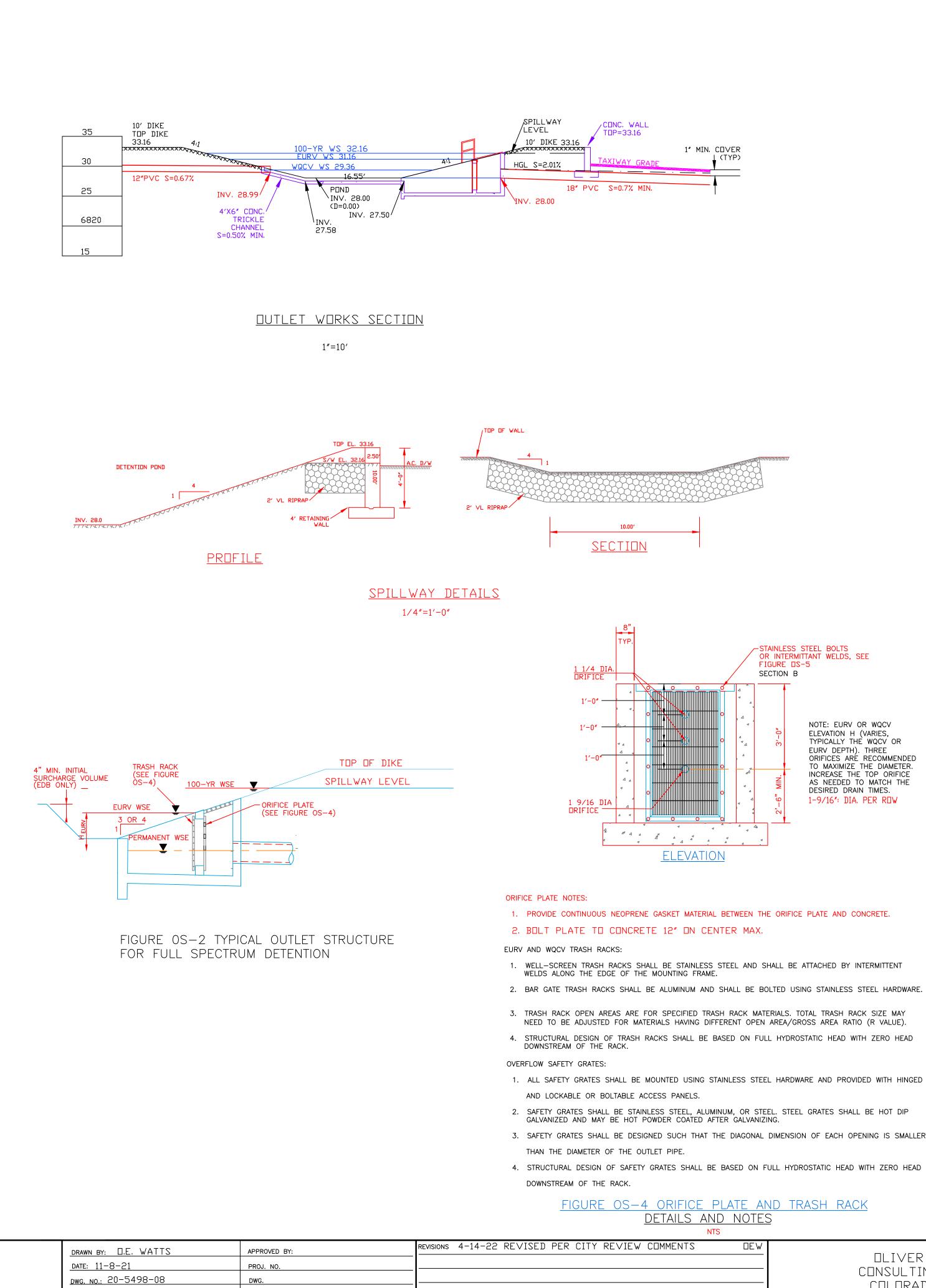
> Prepared by the office of: Oliver E. Watts Consulting Engineer inc. 614 Elkton Drive Colorado Springs, CD 80907 719-593-0173 olliewatts@aol.com

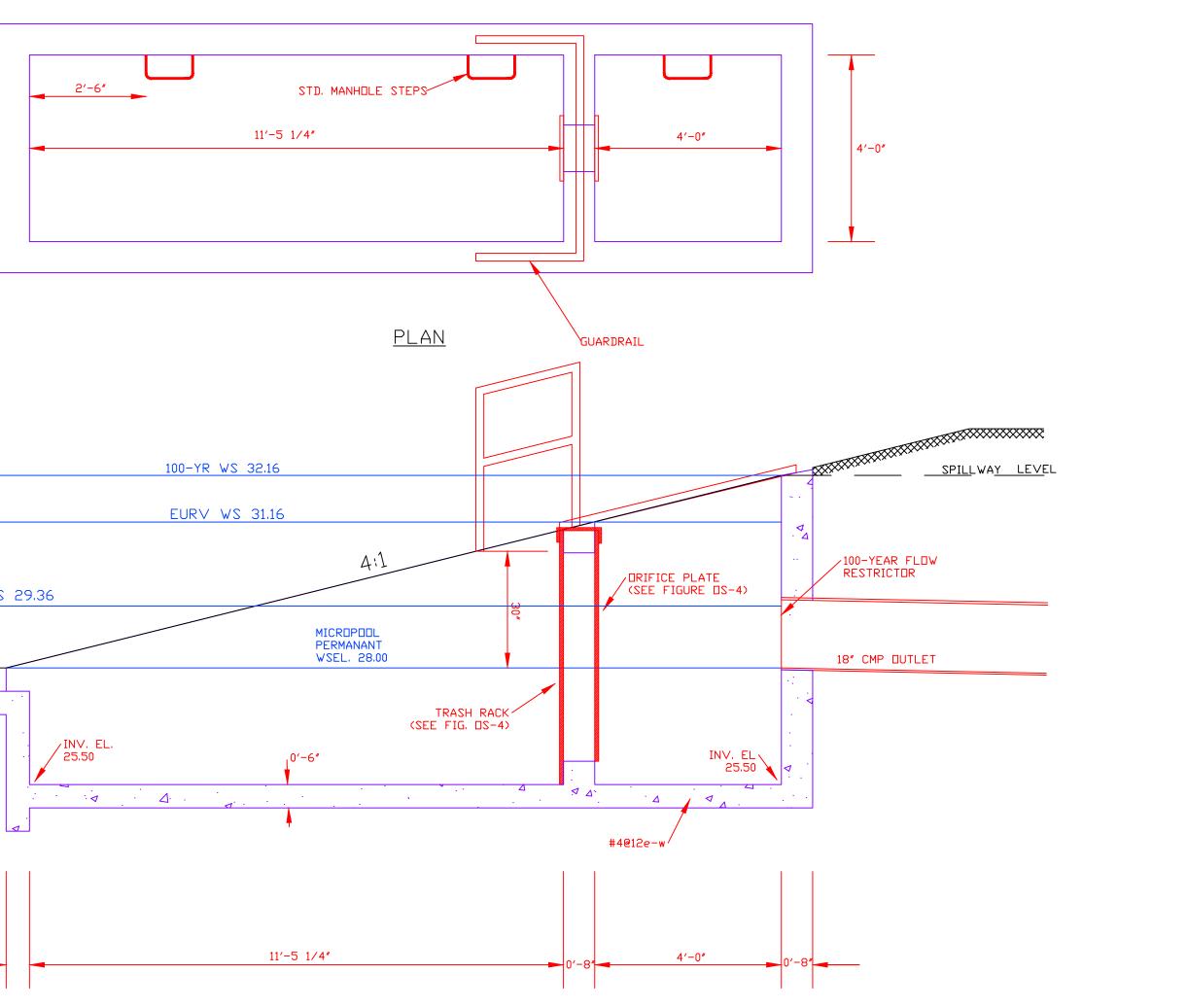
Celebrating over 42 years in business

DF

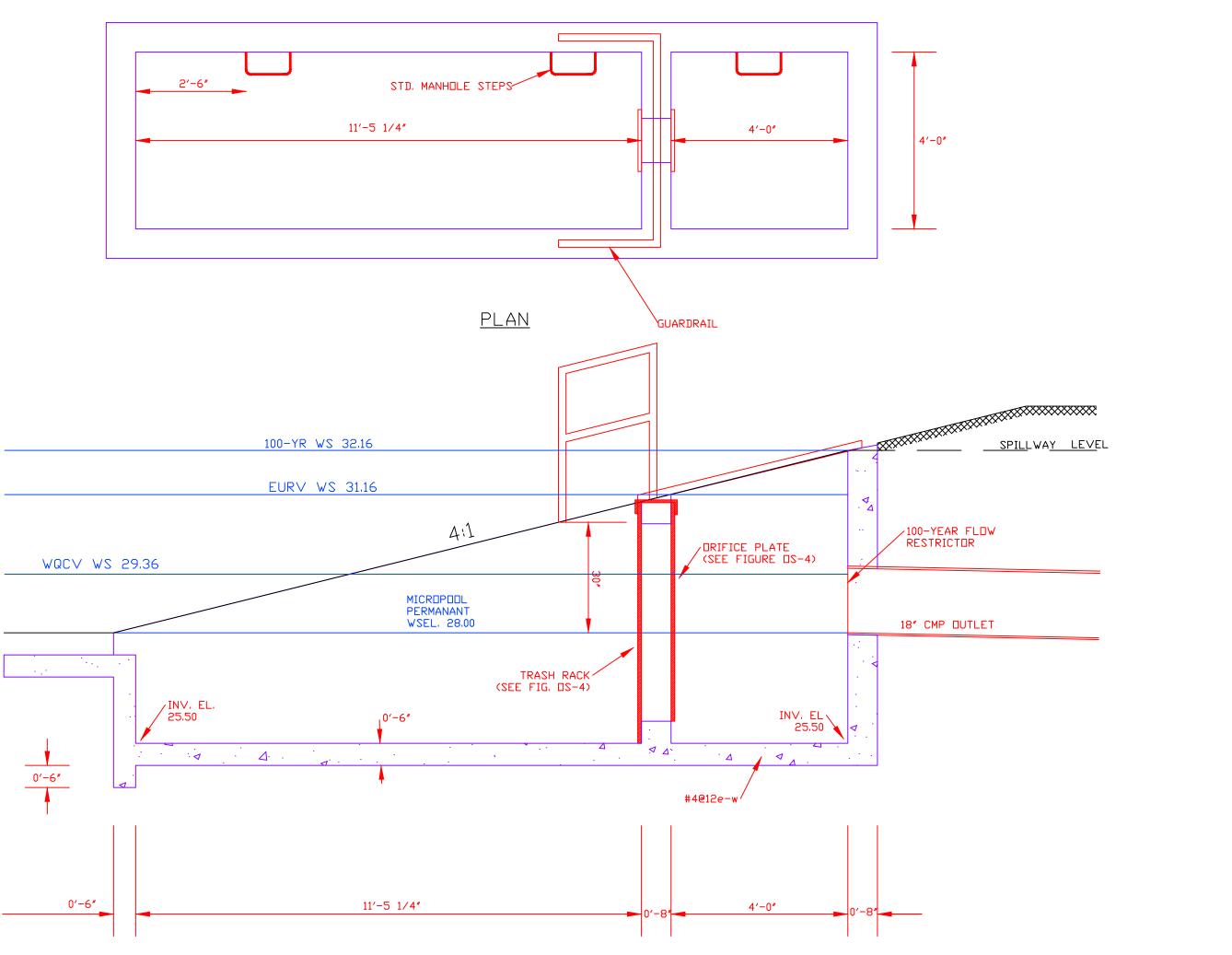
## EROSION CONTROL DETAILS

SHEET 5 OF 10

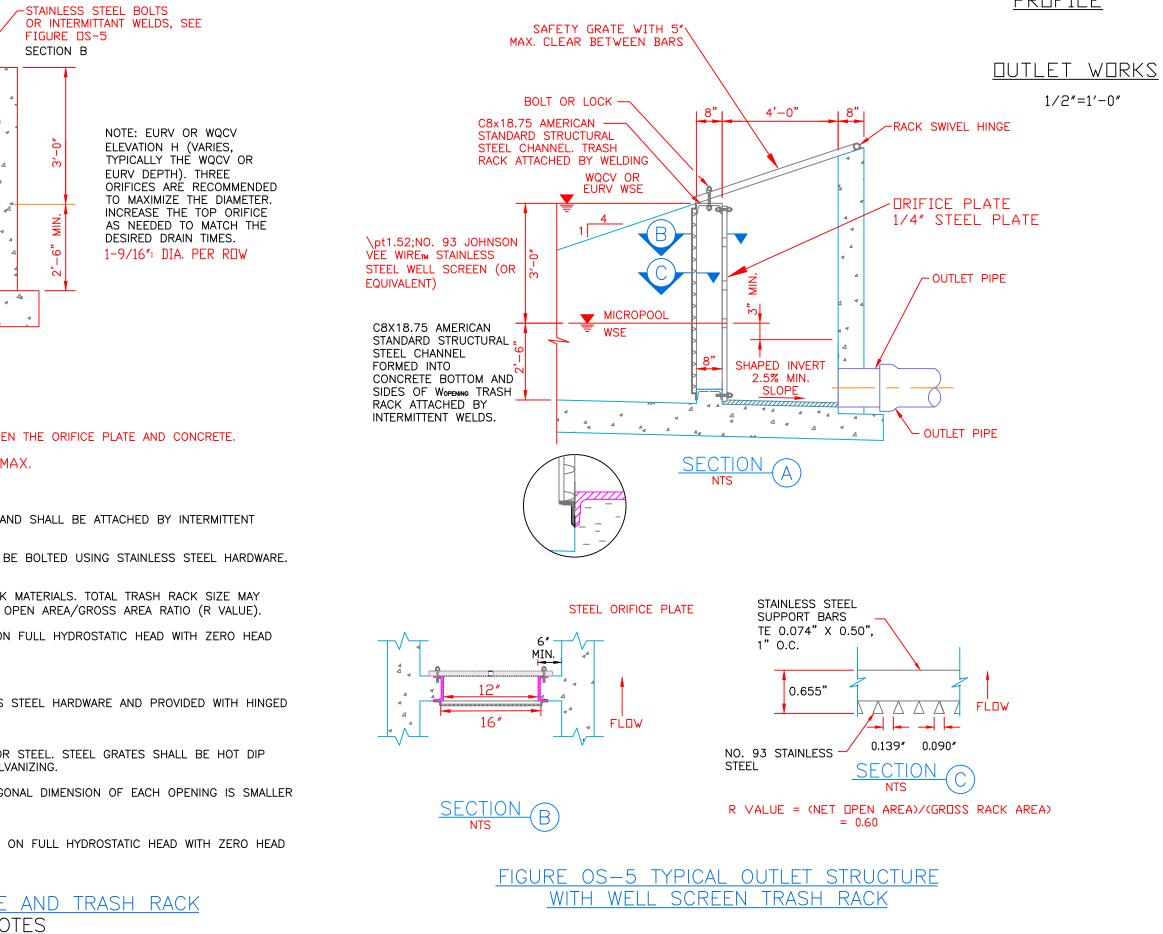












1. ALL SAFETY GRATES SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED SAFETY GRATES SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING. 3. SAFETY GRATES SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER 4. STRUCTURAL DESIGN OF SAFETY GRATES SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD

### FIGURE OS-4 ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES NTS

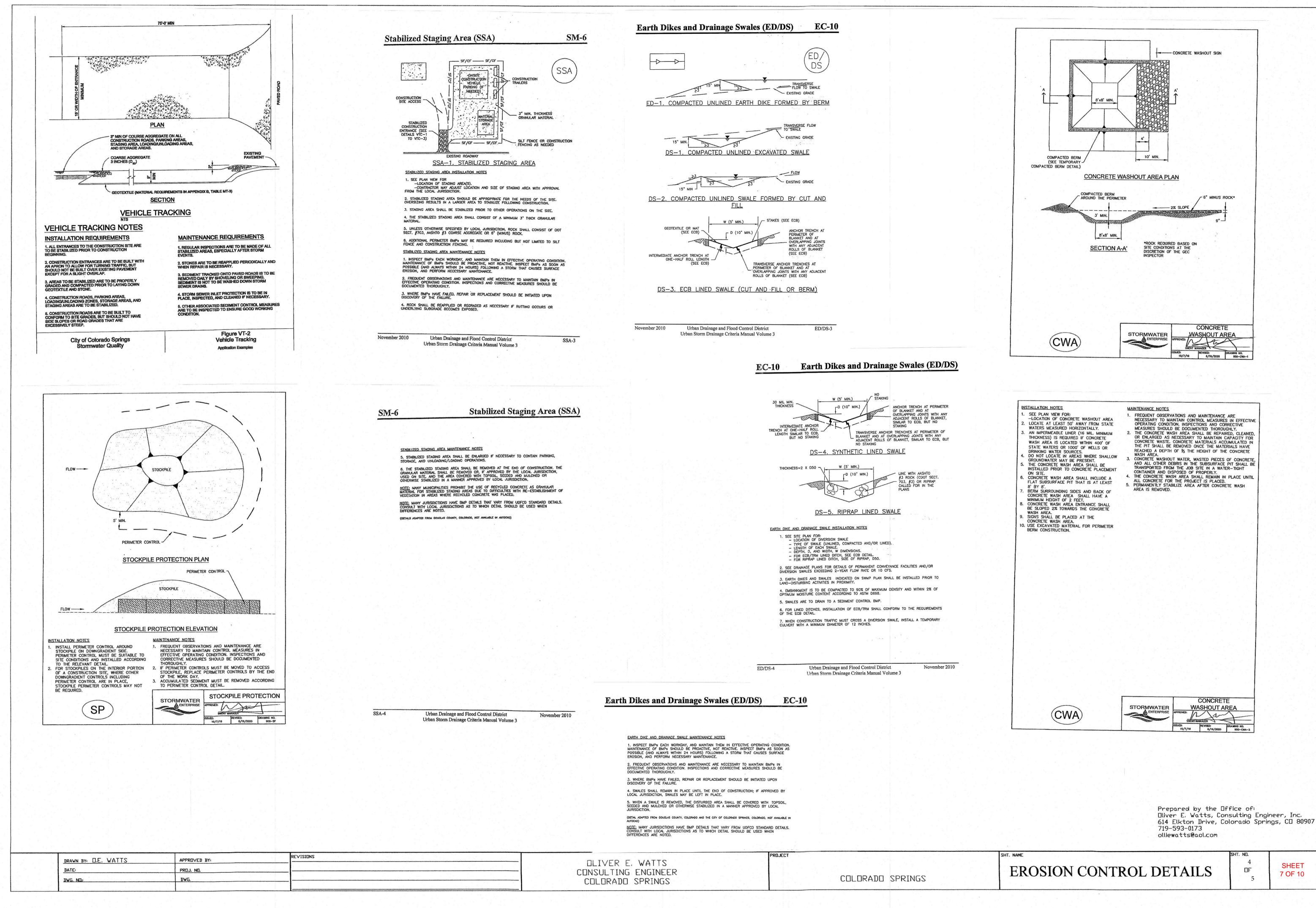
1″ MIN. C⊡VER ↓ (TYP)

COMMENTS DEW	OLIVER E. WATTS CONSULTING ENGINEER COLORADO SPRINGS	PROJECT	8140 CESSNA DRIVE LOT 7, BLOCK 1, MEADOW LAKE AIRPORT FILING NO. 2 EL PASO COUNTY

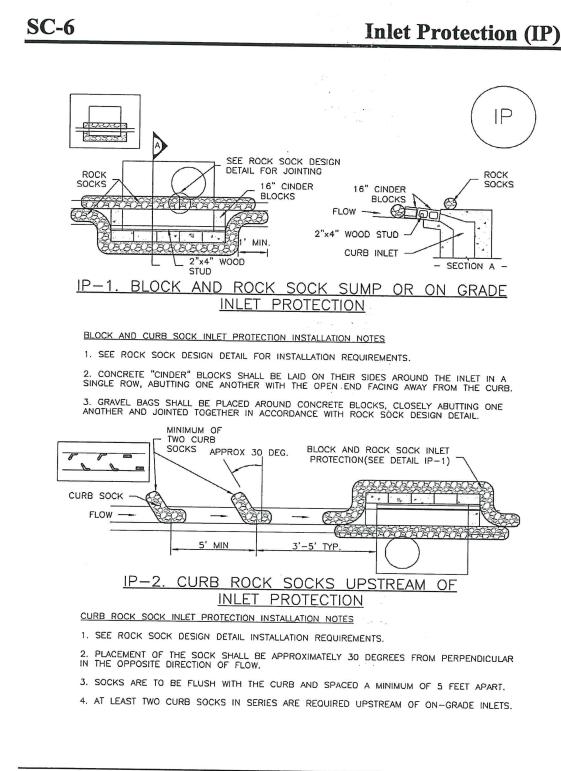
## EDB OUTLET DETAILS

3 DF 5

SHT. NAME



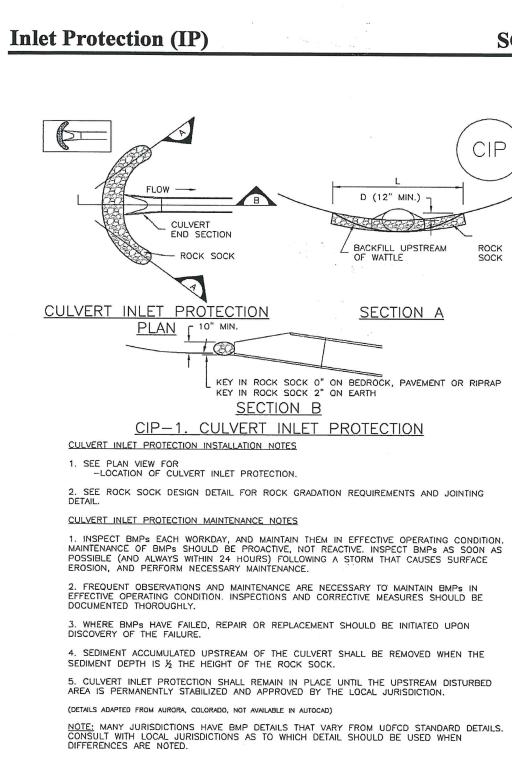
DRAWN BY: D.E. WATTS		
DATE	PROJ. NO.	
WG. ND.	DWG.	



IP-4

Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

August 2013



August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

TRAWN BY: T.F. WATTS	APPROVED BY:	REVISIONS		PRDJECT
DATE:	PROJ. NO.		OLIVER E, WATTS	
DWG. ND.:	DWG.		CONSULTING ENGINEER COLORADO SPRINGS	COLORADO SPRINGS
			CULURADU SERINGS	

Inlet Protection (IP)	SC-6	<u>SC-6</u>
ROCK SOCK	INLET GRATE	SH
IP-3. ROCK SOCK SUMP/AREA	INLET PROTECTION	פו
ROCK SOCK SUMP/AREA INLET PROTECTION INSTALL/ 1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATIO 2. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY B INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT	IN REQUIREMENTS. IE USED IN PLACE OF ROCK SOCKS FOR	OVE 1. YET SMA 2. ORI 3.
	SILT FENCE (SEE SILT FENCE DESIGN DETAIL )	
<u>IP-4. SILT FENCE FOR SUM</u>	P INLET PROTECTION	STRAW E BALI
SILT FENCE INLET PROTECTION INSTALLATION NOTES 1. SEE SILT FENCE DESIGN DETAIL FOR INSTALLATION 2. POSTS SHALL BE PLACED AT EACH CORNER OF AT A MAXIMUM SPACING OF 3 FEET.		Ц
AI A MAXIMUM SPACING OF 3 FEET. 3. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY E INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT		<u>STF</u> 1. 2
		2. TiG
August 2013 Urban Drainage and Flood Control Urban Storm Drainage Criteria Manua		IP-6
SC-6	SC-6	Inlet Protection (IP)
$\frown$		ECTION_INSTALLATION_NOTES
	1. SEE PLAN VIEW FC -LOCATION OF I	
		SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING LLY WITHIN 48 HOURS). IF A RAINFALL/RUNOFF EVENT IS FORECAST,

-	-		

SECTION A

IP-7

INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.

IP-8

 MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED. INLET PROTECTION MAINTENANCE NOTES 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.

2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

3. WHERE BMPS HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.

4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME REACHES 50% OF CAPACITY, A DEPTH OF 6" WHEN SILT FENCE IS USED, OR ¼ OF THE HEIGHT FOR STRAW BALES.

5. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED, UNLESS THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS. 6. WHEN INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

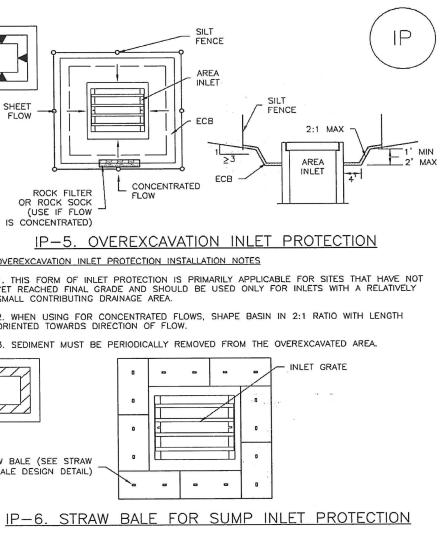
(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD) NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF INLET PROTECTION IN THE DENVER METROPOLITAN AREA. THERE ARE MANY PROPRIETARY INLET PROTECTION METHODS ON THE MARKET. UDFCD NEITHER ENDORSES NOR DISCOURAGES USE OF PROPRIETARY INLET PROTECTION; HOWEVER, IN THE EVENT PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE SWMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

NOTE: SOME MUNICIPALITIES DISCOURAGE OR PROHIBIT THE USE OF STRAW BALES FOR INLET PROTECTION. CHECK WITH LOCAL JURISDICTION TO DETERMINE IF STRAW BALE INLET PROTECTION IS ACCEPTABLE.

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### **Inlet Protection (IP)**



STRAW BALE BARRIER INLET PROTECTION INSTALLATION NOTES . SEE STRAW BALE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. BALES SHALL BE PLACED IN A SINGLE ROW AROUND THE INLET WITH ENDS OF BALES 'IGHTLY ABUTTING ONE ANOTHER.

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**EROSION CONTROL DETAILS** 

HT. NAME

SHEET 8 OF 10



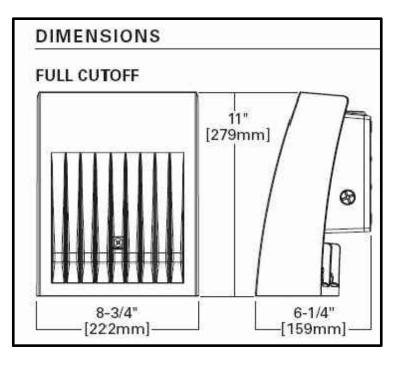
## 2 POLE LIGHT FIXTURE



XTOR CROSSTOUR LED



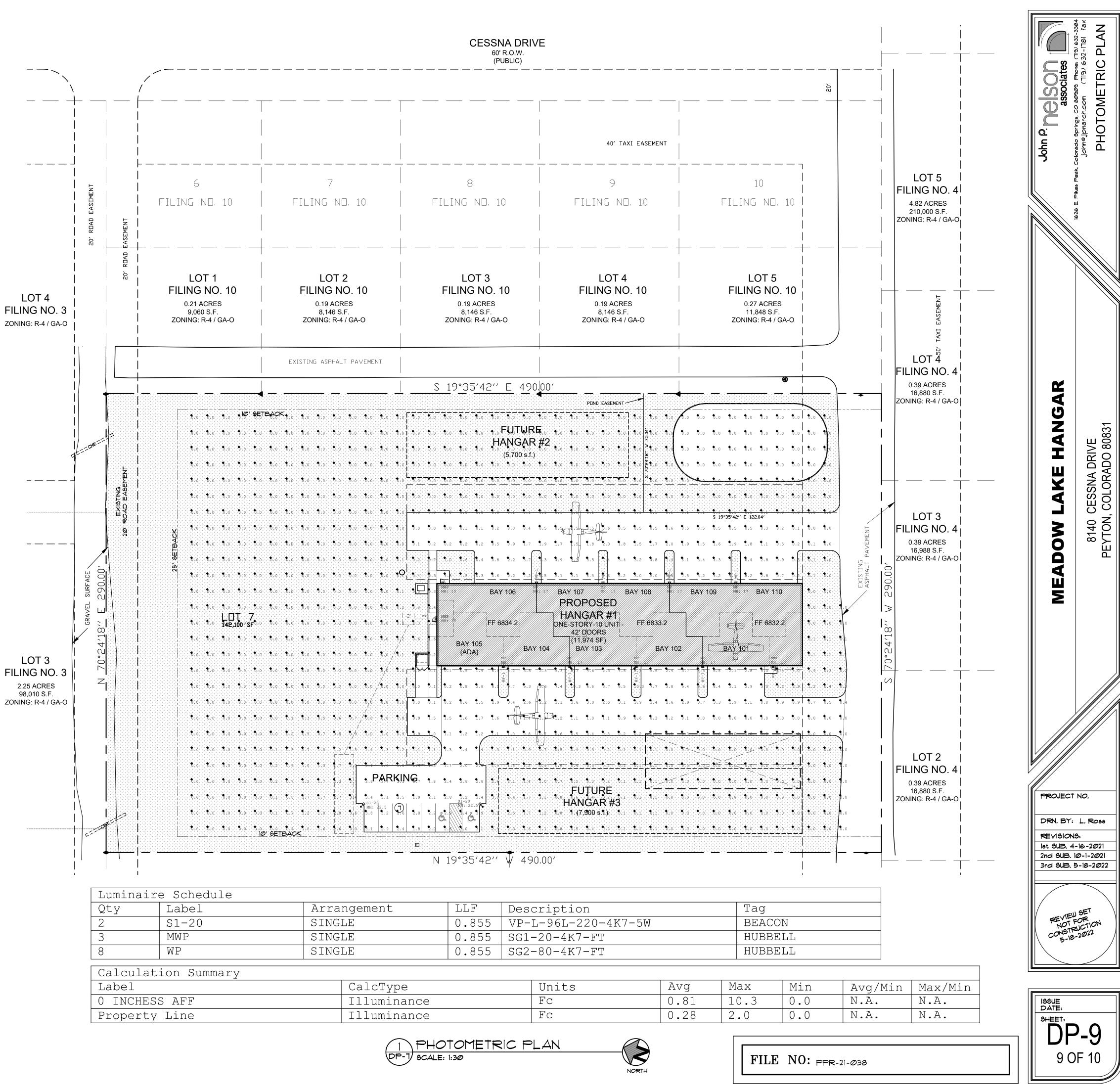
MAXX LED



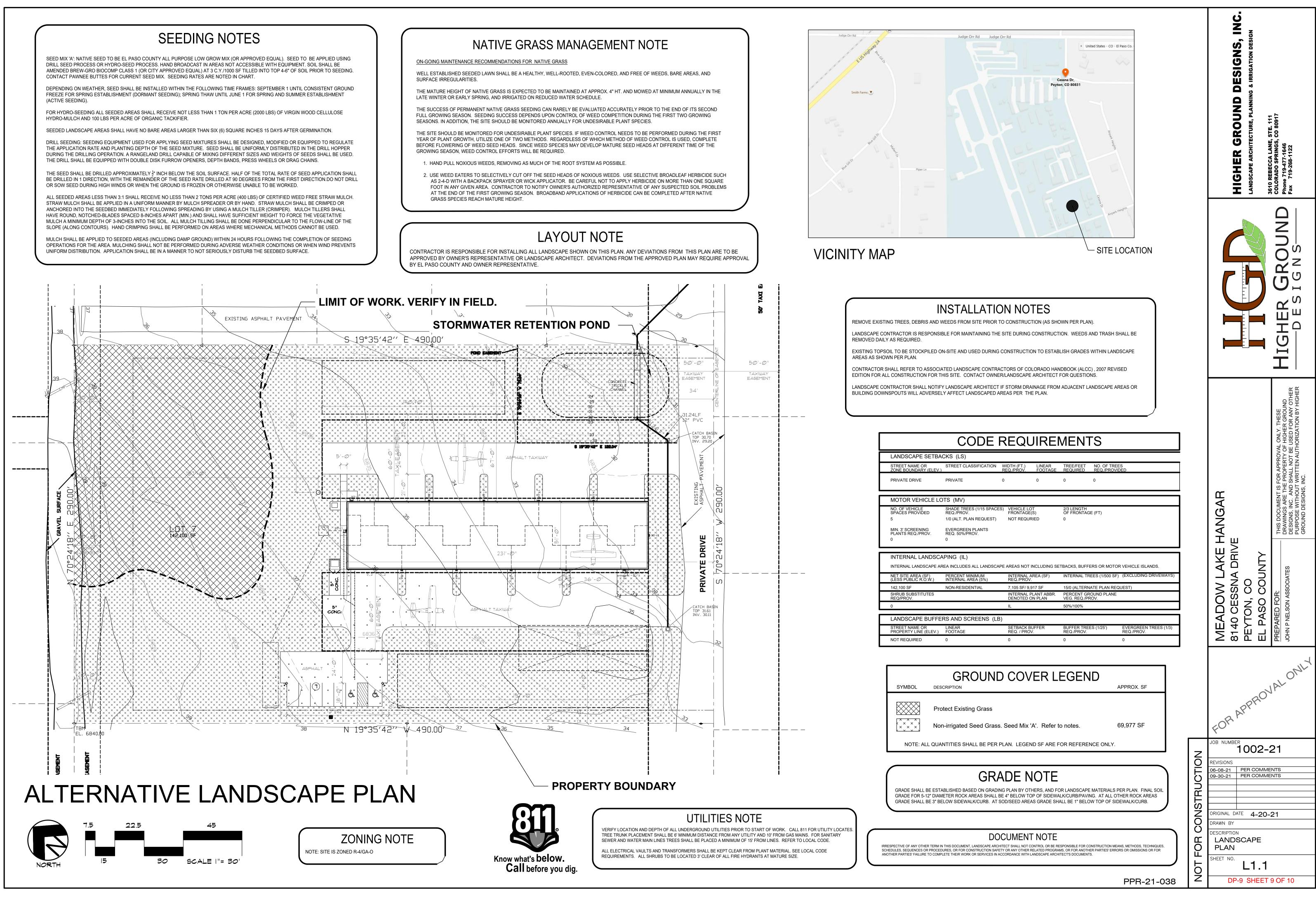
WALL-PAK VIEWS AND DIMENSIONS, FULL CUTOFF LENS SEE BUILDING ELEVATIONS FOR LOCATIONS

FILING NO. 3

FILING NO. 3 2.25 ACRES 98,010 S.F.



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	3	MWP	SINGLE		0.855	SG1-20-4K7-FT		
	8	WP	SINGLE		0.855	SG2	-80-4K7-FT	
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	Calculation Summary							
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Property Line			Illuminance			Fc		



REMOVE EXISTING TREE	S, DEBRIS AND
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