

STONE CONCEPTS WAREHOUSE

85 MARMOT LANE

LOT I-13, EAGLE VALLEY COMMERCIAL PARK, FILING NO. 2

EAGLE, COLORADO

MINOR DEVELOPMENT PERMIT SUBMITTAL

MINOR DEVELOPMENT REVISED SET

MAY 29, 2023

NOVEMBER 17, 2023

CODE SUMMARY			
JURISDICTION:	TOWN OF EAGLE, COLORADO		
BUILDING CODES:	2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE STATE MANADATED NATIONAL ELECTRIC CODE 2021 INTERNATION FIRE CODE TOWN OF EAGLE AMENDMENTS		
CONSTRUCTION TYPE:	TYPE VB, NON-SPRINKLERED		
OCCUPANCY TYPE:	MIXED: B, BUSINESS & F-2, FACTORY, LOW HAZARD		
AREA: F-2:	ALLOWABLE: 13,000 SF	ACTUAL:	9,702 SF
B:	ALLOWABLE: 9,000 SF	ACTUAL:	687 SF
OCCUPANCY SEPARATION:	NONE, NONSEPARATED OCCUPANCIES, ACCESSORY LESS THAN 10% PRIMARY PER 508.2.3		
PARKING:	WAREHOUSE= 9,702 SF @ 1/1000 SF = 9.70 OFFICE= 687 SF @ 1/300 SF= 2.29 9.70 + 2.29 = 11.99 = 12 TOTAL SPACES REQUIRED		

OWNER

STONE CONCEPTS
1210 CHAMBERS AVENUE
EAGLE, COLORADO 81631
(970) 328-3800

ARCHITECT

EGGERS ARCHITECTURE, INC.
PO BOX 798
KREMMLING, COLORADO 80459
(970) 409-9790

CIVIL ENGINEER

LKP ENGINEERING, INC.
PO BOX 724
EAGLE, COLORADO 81631
(970) 390-0307

STRUCTURAL ENGINEER

T.B.D.

LANDSCAPE ARCHITECT

TOMINA TOWNSEND
PO BOX 3000
EDWARDS, COLORADO 81632
(303) 945-5252

MEP ENGINEER

BIGHORN CONSULTING ENGINEERS, INC
386 INDIAN ROAD
GRAND JUNCTION, COLORADO 81501
(970) 241-8709

GEOTECHNICAL ENGINEER

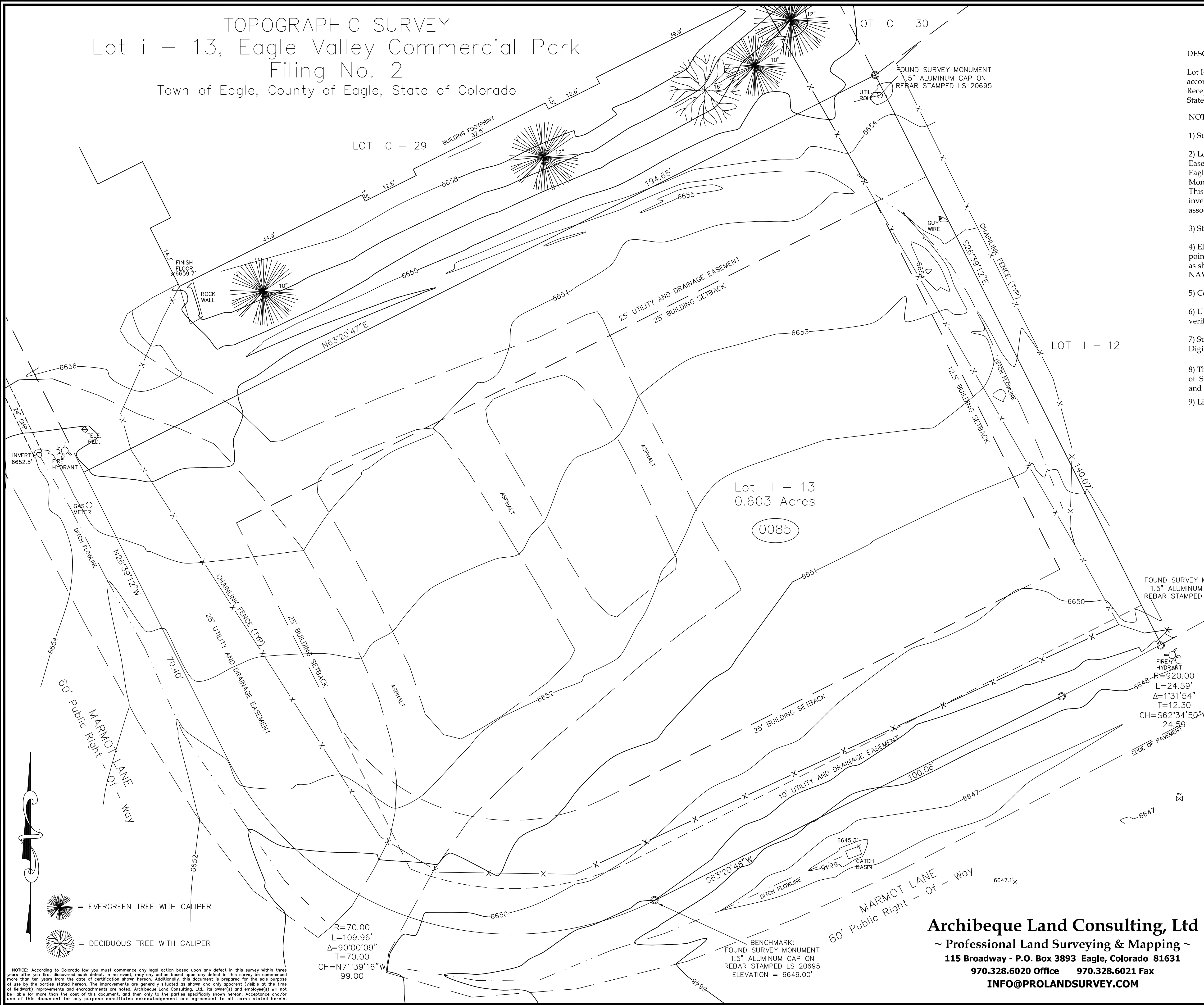
KUMAR & ASSOCIATES, INC
5020 COUNTY ROAD 154
GLENWOOD SPRINGS, COLORADO 81601
(970) 945-7988



DRAWING SCHEDULE

C	COVER
	TOPO SURVEY
C1	SITE GRADING & DRAINAGE PLAN
C2	CIVIL DETAILS AND SPECIFICATIONS
L1	LANDSCAPE PLAN
L2	LANDSCAPE DETAILS & SCHEDULES
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A1.3	MEZZANINE LEVEL PLAN
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A2.1	BUILDING ELEVATIONS
A3.1	BUILDING SECTIONS
ES1-1	EXTERIOR LIGHTING SITE PLAN
IES1-1	FOOTCANDLE PLAN

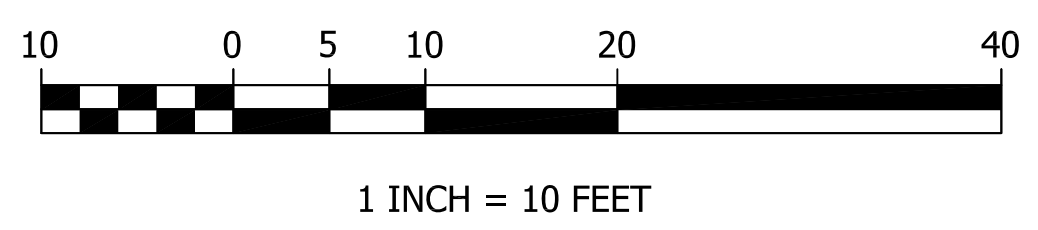
TOPOGRAPHIC SURVEY
Lot i – 13, Eagle Valley Commercial Park
Filing No. 2
Town of Eagle, County of Eagle, State of Colorado



- DESCRIPTION
- Lot I-13, Eagle Valley Commercial Park, Filing No. 2, Town of Eagle, Colorado, according to the Final Plat thereof as filed for record October 18, 1996 as Reception No. 604859, in the Office of the Clerk and Recorder, county of Eagle, State of Colorado.
- NOTES:
- 1) Survey Date: February 20, 2015.
 - 2) Location of Improvements, Lot lines, Building Setbacks and Easements are based upon the hereon referenced Final Plat of Eagle Valley Commercial Park, Filing No. 2 and Survey Control Monuments found at the time of this survey as shown hereon. This Survey does not constitute a boundary survey nor any investigation into record easements or encumbrances associated with this property.
 - 3) Street Address: 0085 Marmot Lane
 - 4) Elevation Datum: 6649.00' on a survey monument marking point of curvature on the south boundary of the subject parcel, as shown and described hereon. This elevation is based on NAVD 88.
 - 5) Contour Interval: 1 foot.
 - 6) Utilities are shown approximately and should be field verified prior to excavation.
 - 7) Surveyor does not warrant or certify to the integrity of any Digital Data supplied in conjunction with this map and survey.
 - 8) This Topographic Survey was prepared for the exclusive use of Stone Concepts, and is valid only if print has original seal and signature of surveyor.
 - 9) Lineal Units of the U.S. Survey Foot were used herein.

I, Theodore J. Archibeque, a Professional Land Surveyor in the State of Colorado, hereby certify that this map was prepared by me or under my responsible charge, is based upon the professional land surveyor's knowledge, information and belief, is in accordance with applicable standards of practice, and is not a guaranty or warranty, either expressed or implied. The Notes hereon are a part of this certification.

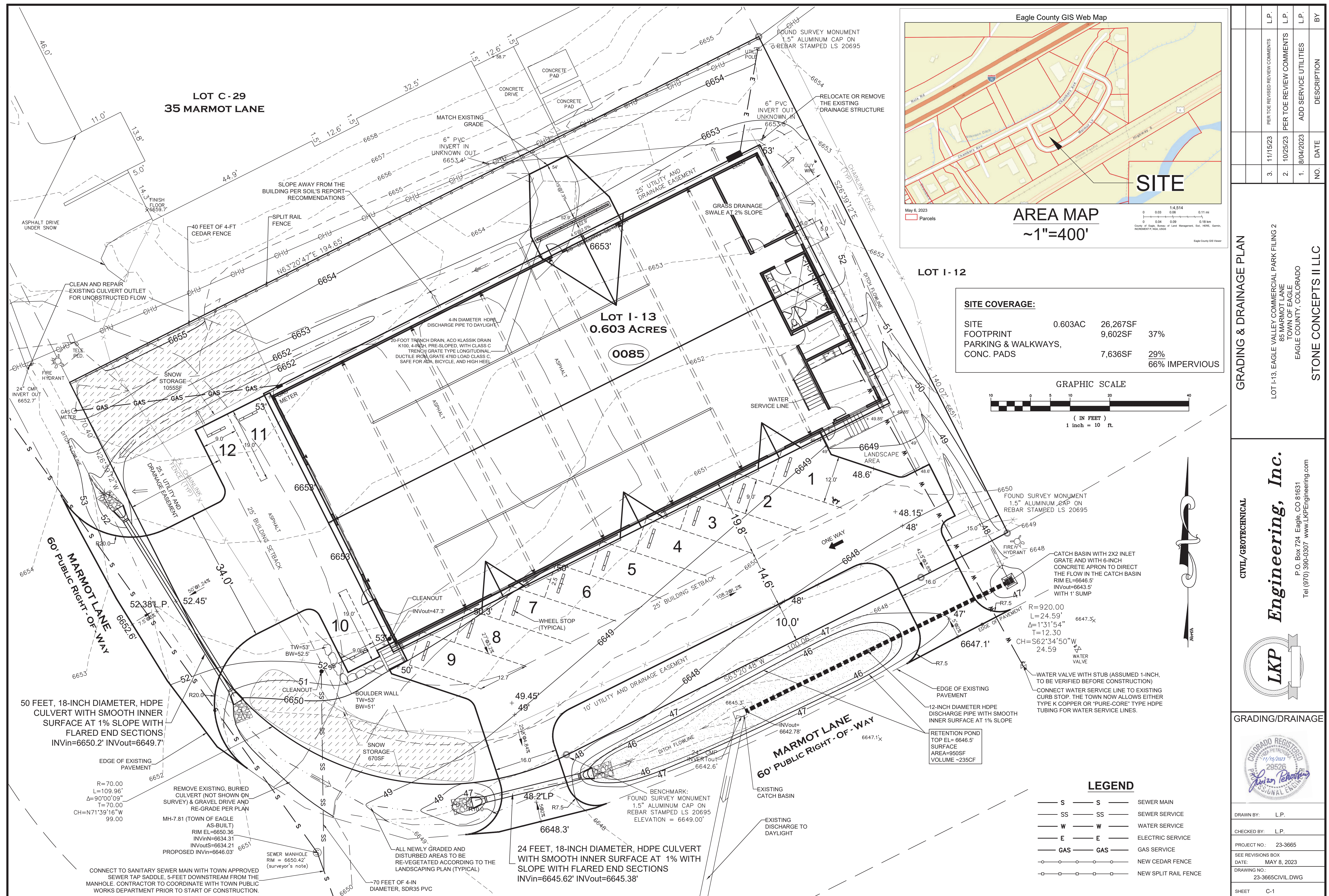
Theodore J. Archibeque PLS 37902
Colorado Professional Land Surveyor

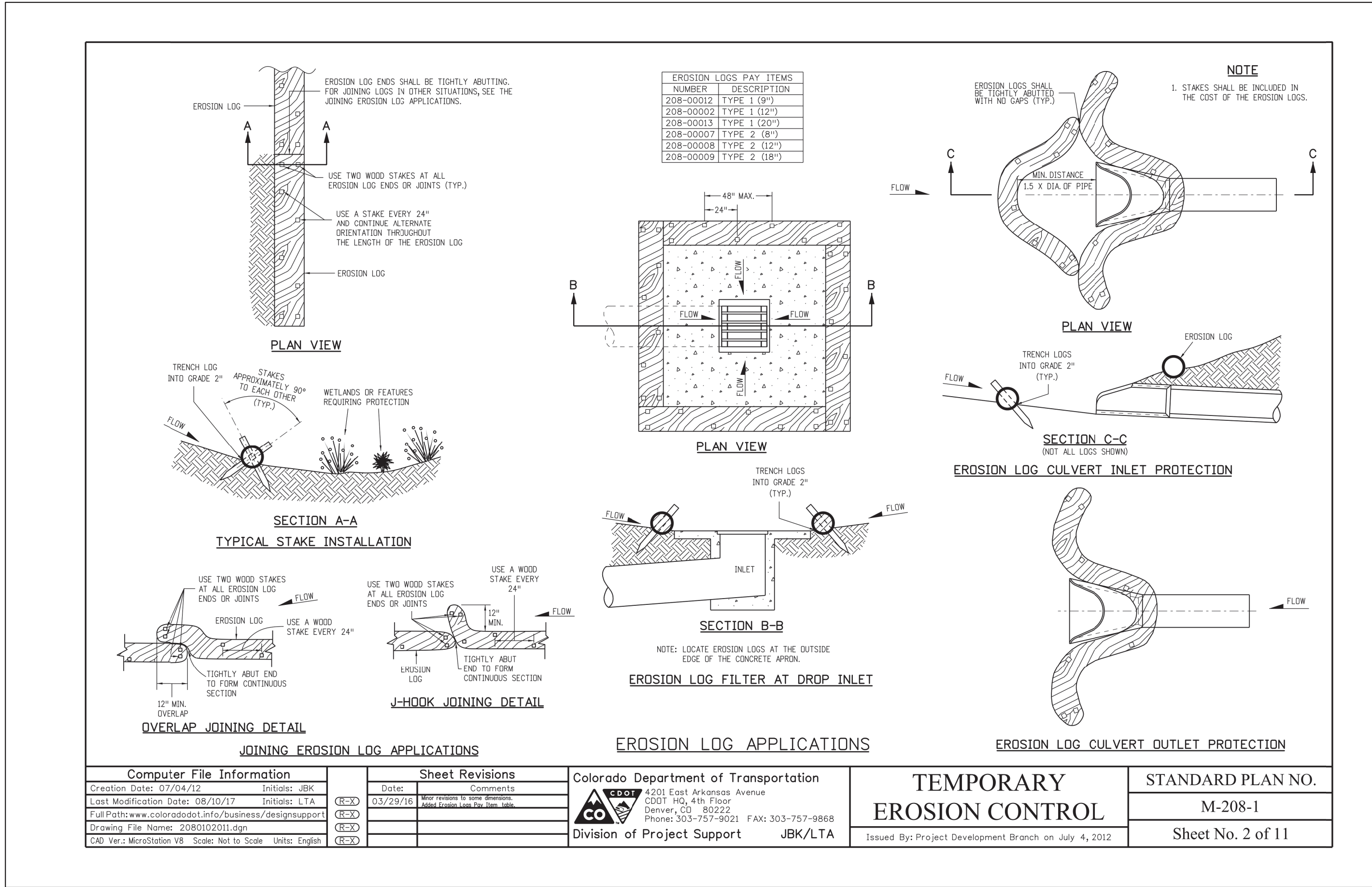


Archibeque Land Consulting, Ltd
~ Professional Land Surveying & Mapping ~
115 Broadway - P.O. Box 3893 Eagle, Colorado 81631
970.328.6020 Office 970.328.6021 Fax
INFO@PROLANDSURVEY.COM

TOPOGRAPHIC SURVEY Lot i – 13, Eagle Valley Commercial Park Filing No. 2 Town of Eagle, County of Eagle, State of Colorado		
DRAWN BY:	MSS	JOB NUMBER: 15118
SHEET 1 OF 1	DATE: 02-24-2015	DRAWING NAME: 15118_TOPO.dwg
		CHECKED BY: TJA

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discovered such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of certification shown hereon. Additionally, this document is prepared for the sole purpose of use by the parties stated hereon. The improvements are generally situated as shown and only apparent (visible at the time of fieldwork) improvements and encroachments are noted. Archibeque Land Consulting, Ltd., its owner(s) and employee(s) will not be liable for more than the cost of this document, and then only to the parties specifically shown hereon. Acceptance and/or use of this document for any purpose constitutes acknowledgement and agreement to all terms stated herein.



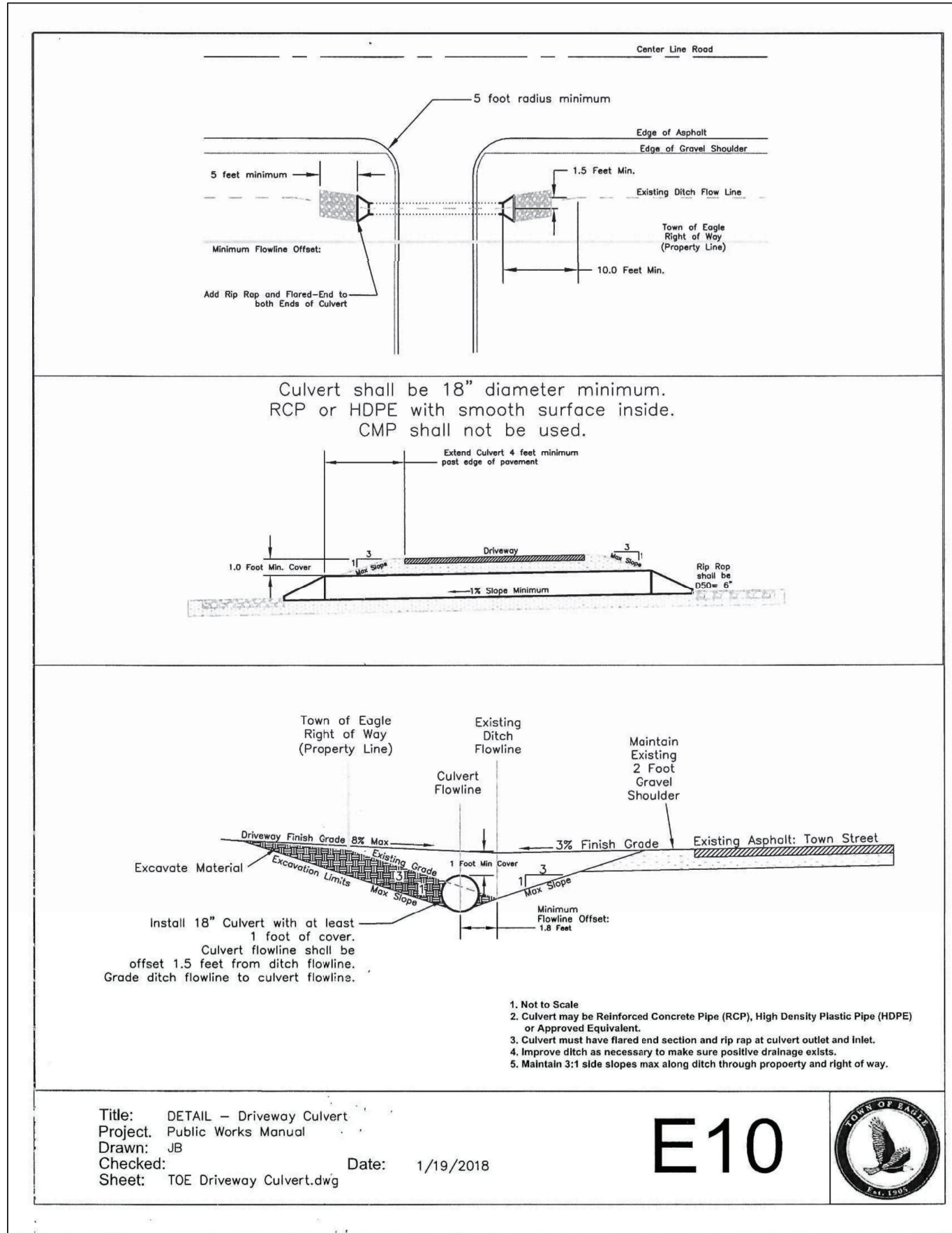
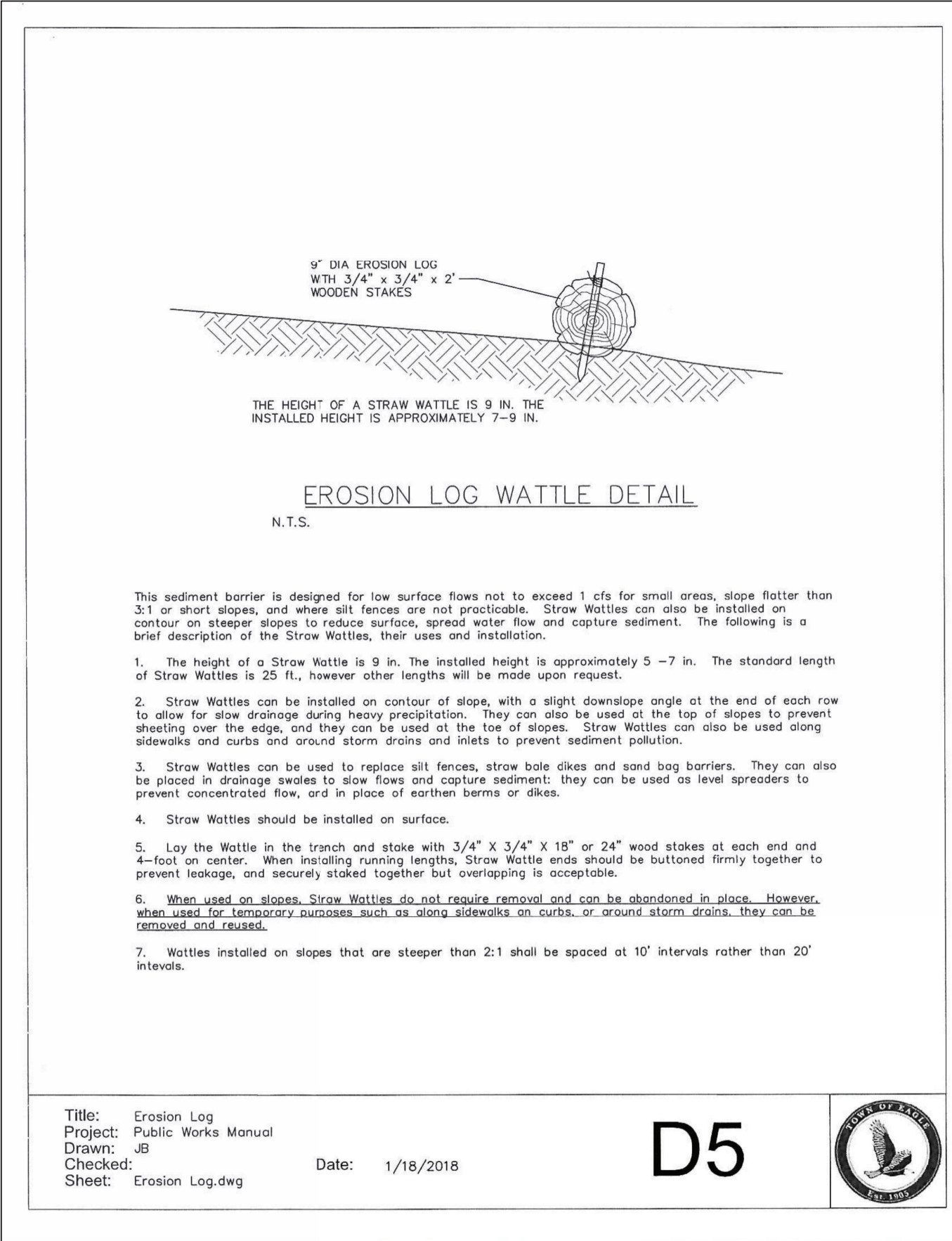
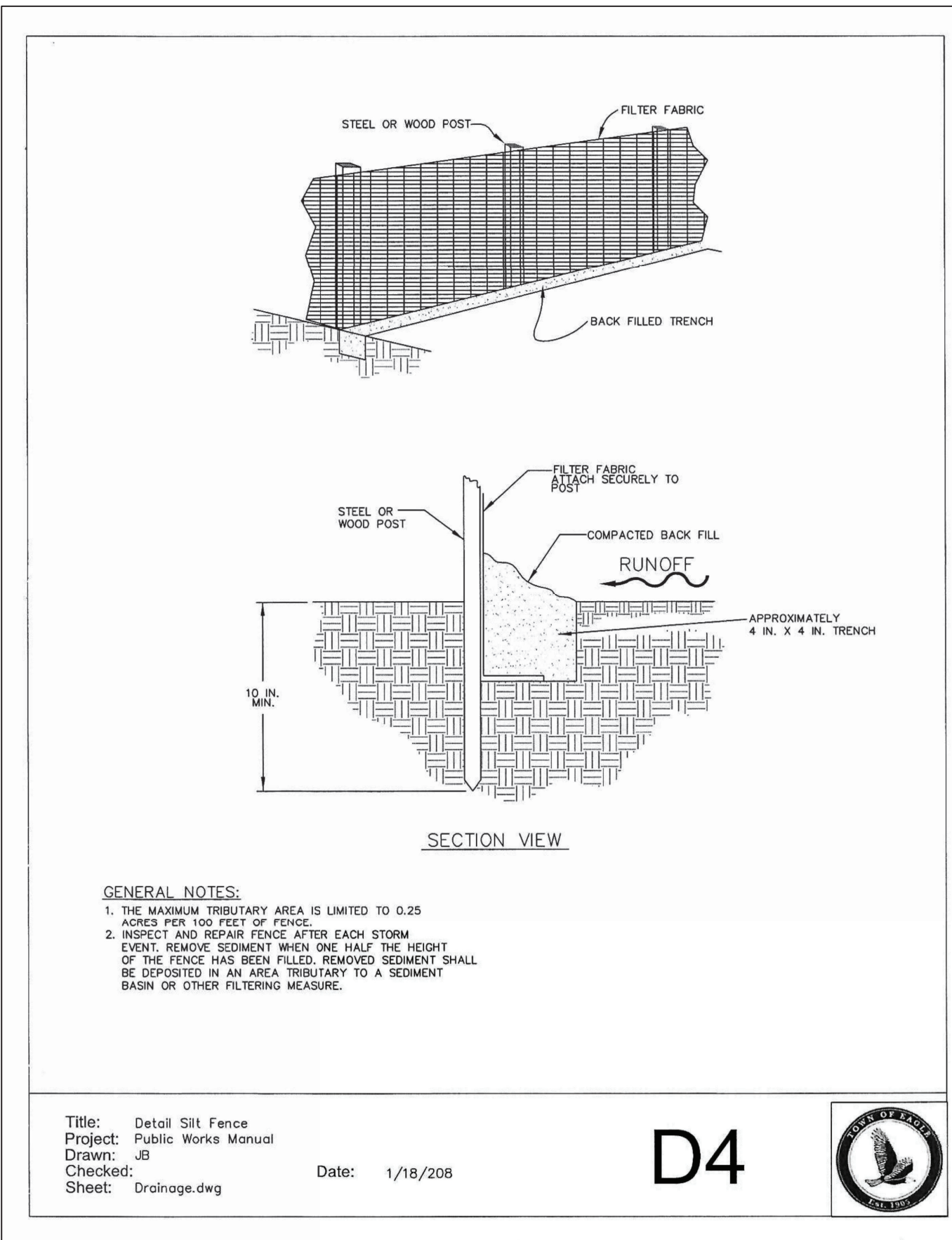
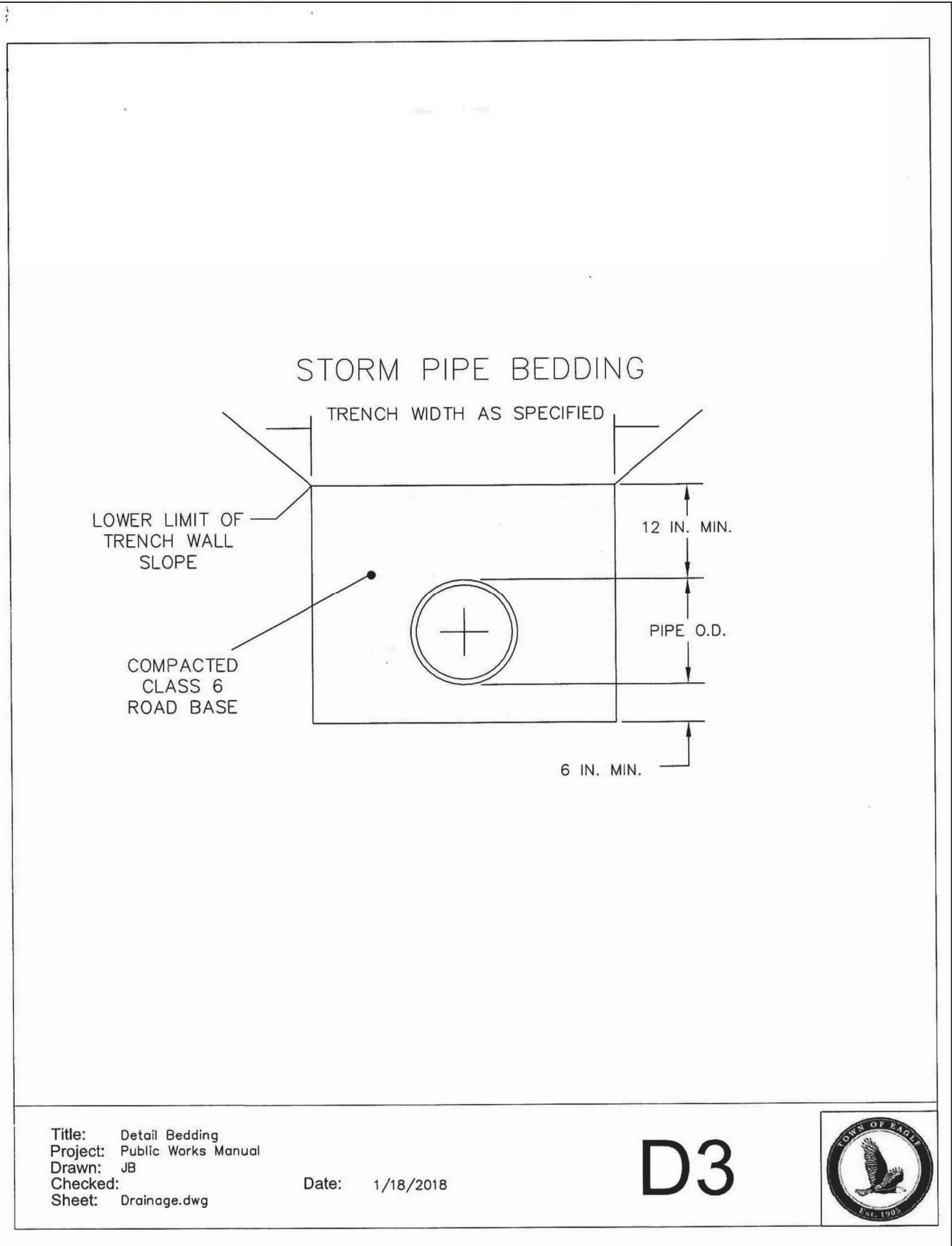
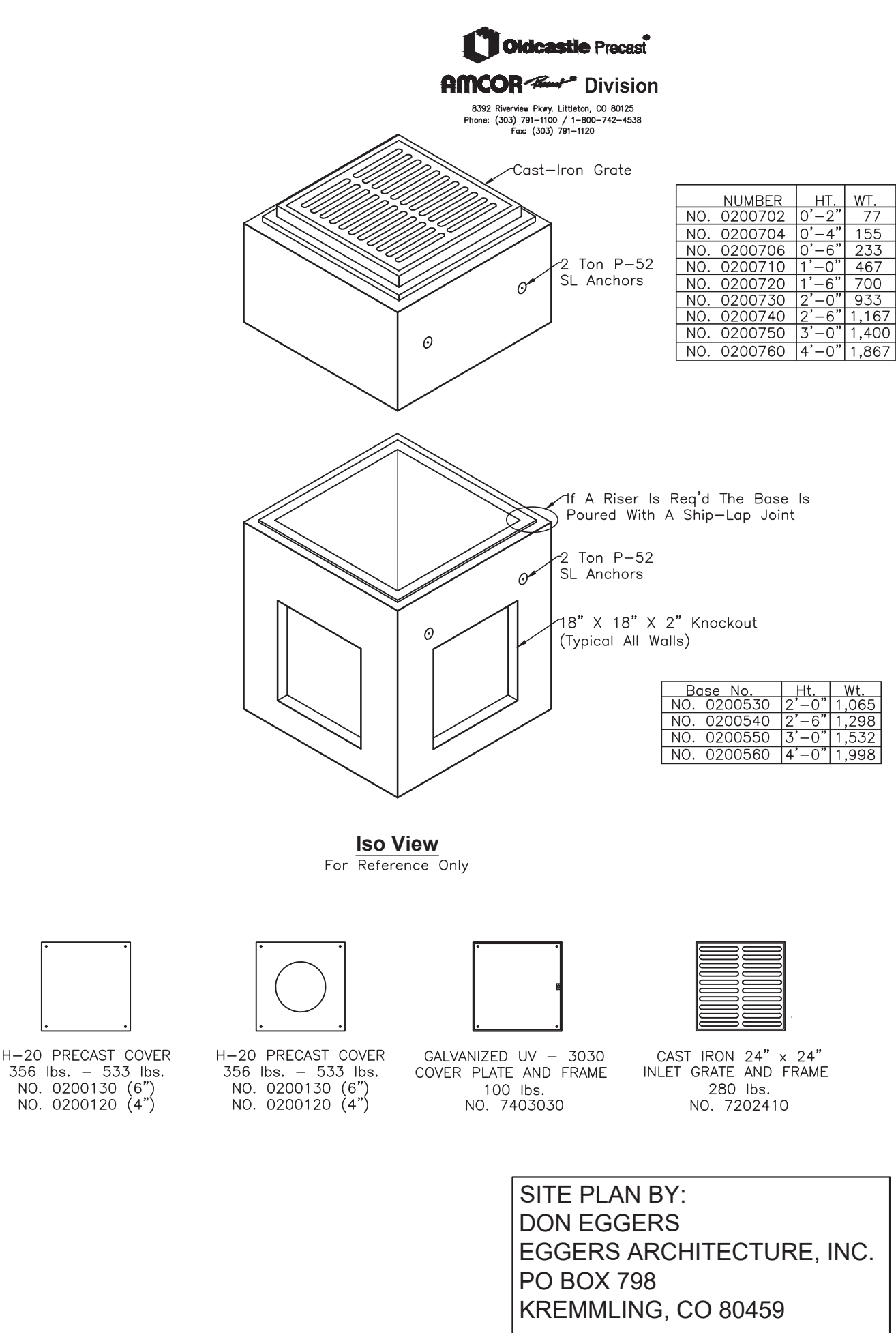


GENERAL NOTES

- BEFORE DIGGING NOTIFY ALL APPLICABLE UTILITY COMPANIES.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO START OF CONSTRUCTION.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
- NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- CONFLICTS OR DISCREPANCIES WITH GRADES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY AND PRIOR TO PROCEEDING WITH WORK.
- ALL FINISH GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS.

TEMPORARY EROSION CONTROL

- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES.
- NEW AND EXISTING INLETS MUST BE PROTECTED FROM SEDIMENT LADEN RUNOFF.
- HAY BALES (OR SEDIMENT WATTLES) WILL BE INSTALLED AT CATCH BASIN INLETS, PRIOR TO EXCAVATION, AND MAINTAINED AND KEPT IN PLACE UNTIL THE PROJECT IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING THE RELEASE OF SEDIMENT WITH THE RUNOFF FROM THE SITE AND SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES AT THE REQUEST OF THE APPROPRIATE BUILDING OFFICIALS.



GRADING & DRAINAGE PLAN
NOTES AND DETAILS

LOT I-13, EAGLE VALLEY COMMERCIAL PARK FILING 2

85 MARMOT LANE

TOWN OF EAGLE

EAGLE COUNTY, COLORADO

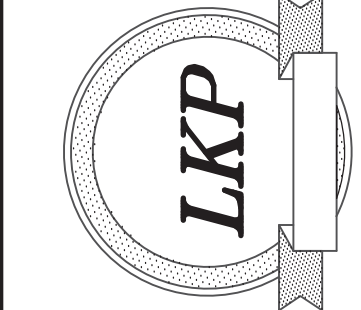
STONE CONCEPTS II LLC

CIVIL/GEOTECHNICAL

Engineering, Inc.

P.O. Box 724 Eagle, CO 81631

Tel (970) 390-0307 www.LKPEngineering.com



DETAILS



DRAWN BY: L.P.

CHECKED BY: L.P.

PROJECT NO.: 23-3665

SEE REVISIONS BOX

DATE: MAY 8, 2023

DRAWING NO.: 23-3665CIVIL.DWG

SHEET C-2

General Notes and Specifications:

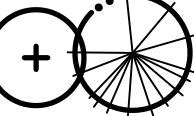
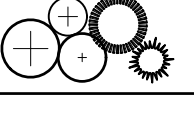
- 1. All areas disturbed by construction and not designated a shrub bed or wildflower seed, shall be planted with the specified native grass seed.
- 2. The contractor shall maintain positive drainage away from all walls and walkways. Fine grading shall be approved prior to planting.
- 4. The Landscape Plan shall be reviewed on site prior to installation to ensure planting meets the intent of the design guidelines and county wildfire mitigation standards.
- 5. All proposed juniper to be limbed to 10'-0" above grade per Eagle County Wildfire Regulations.
- 6. Quantity and location of "natural" shrub plantings within Wildfire Mitigation Zone 2 shall be subject to field review by Eagle County Wildfire Mitigation Officer.
- 7. See Civil Engineering sheets for final grading and drainage.
- 8. Snow Storage area shall be a min. of 25% of all driveway and parking areas.

Revegetation Notes:

- 1. Seed shall be broadcast and raked to 1/2" depth.
- 2. Apply Biodegradable Green Dyed-Wood Cellulose-Fiber Mulch to all seeded Areas at a rate of 20 lbs. per 1,000 s.f.
- 3. Prior to seeding, apply min. 6" topsoil, 10 lbs./1,000 s.f. Superphosphate and 40 lbs./1,000 s.f. Biosol Complete Fertilizer.

Fire Mitigation Notes:

- 1. Zone 1 (15' from building and integral planting): no flammable plants shall be planted within 15' of the sturcture or attachments.
- 2. Zone 2 (70' from building and Integral planting): a 10' crown seperation must be maintained for all conifers and shrubs orver 4'. A 4' crown seperation must be maintained for shrubs under 4'.
- 3. Plants listed on forest service publication 6.305 FireWise Plant Material can be used in any zone.
- 4. Existing junipers within Zone 1 and Zone 2 must be limbed 1/2 of their total height, but no more than 10'.
- 5. Dead limbs shall be removed from all existing Serviceberrys within Zone 1 or Zone 2.
- 6. Final existing vegetation to be limbed or removed will be subject to the constraints of the final unit site plans and reviewed on site with a representative from the Eagle County Wildfire Mitigation and landscape installer on a unit by unit basis prior to construction.

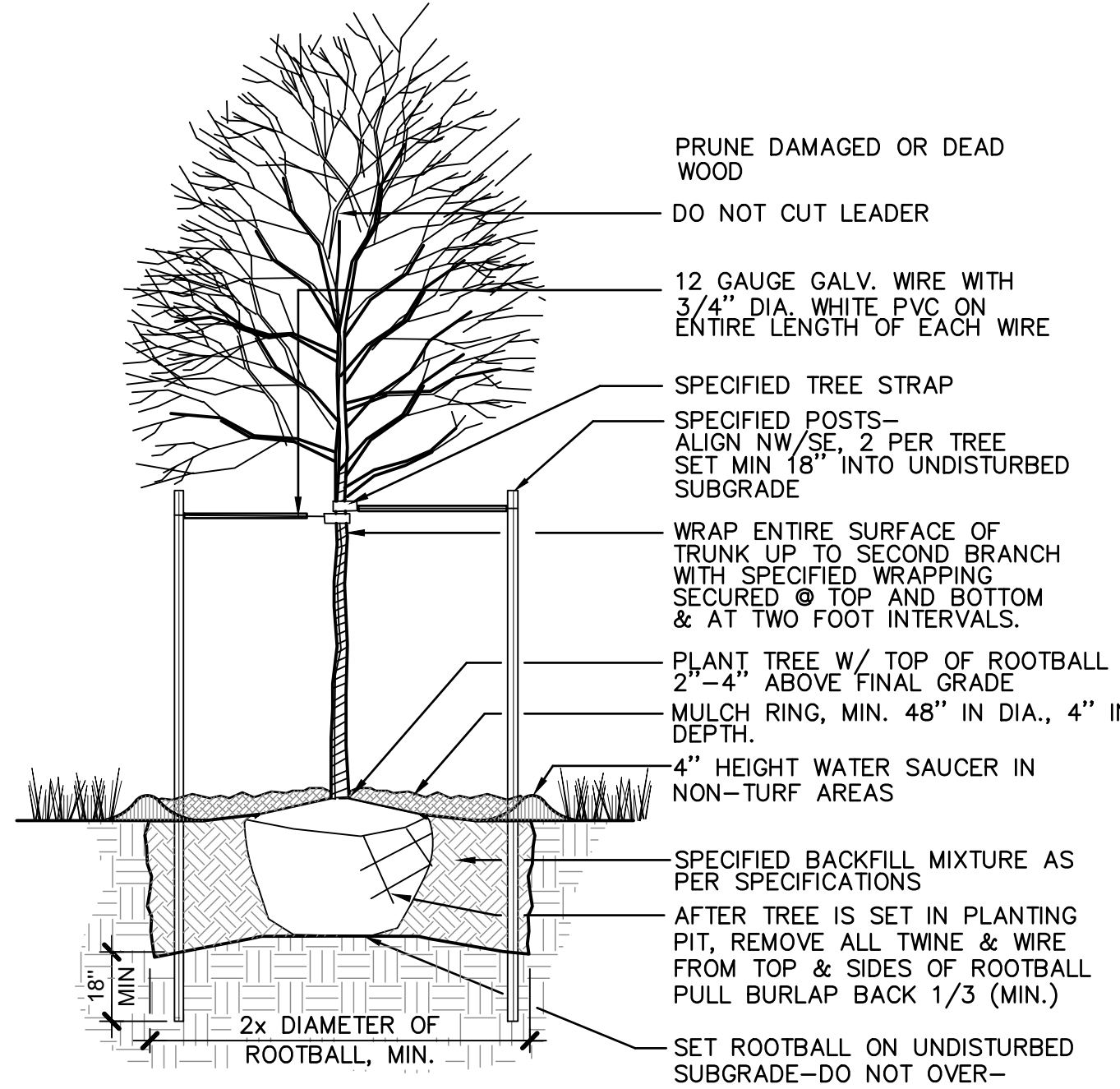
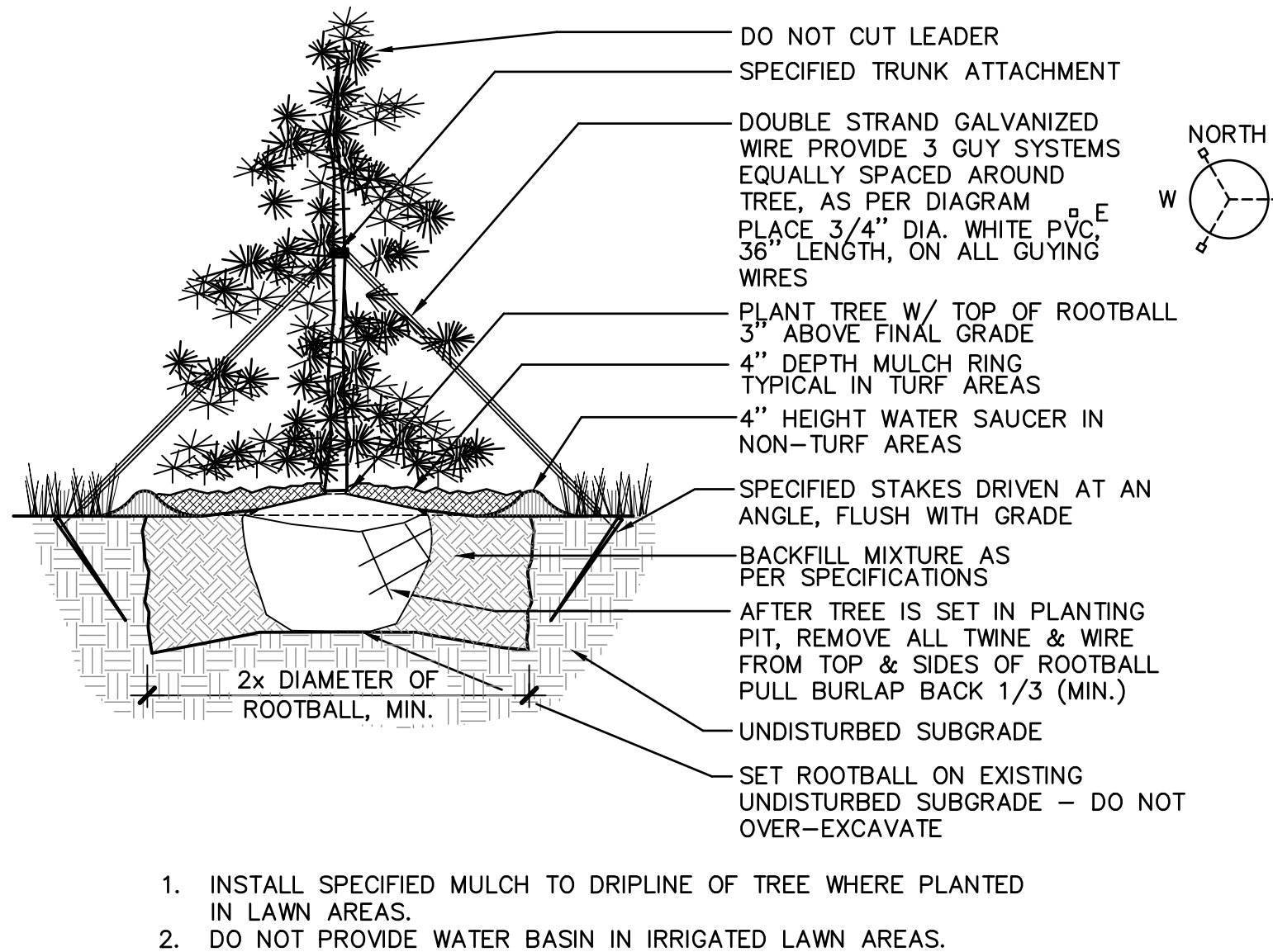
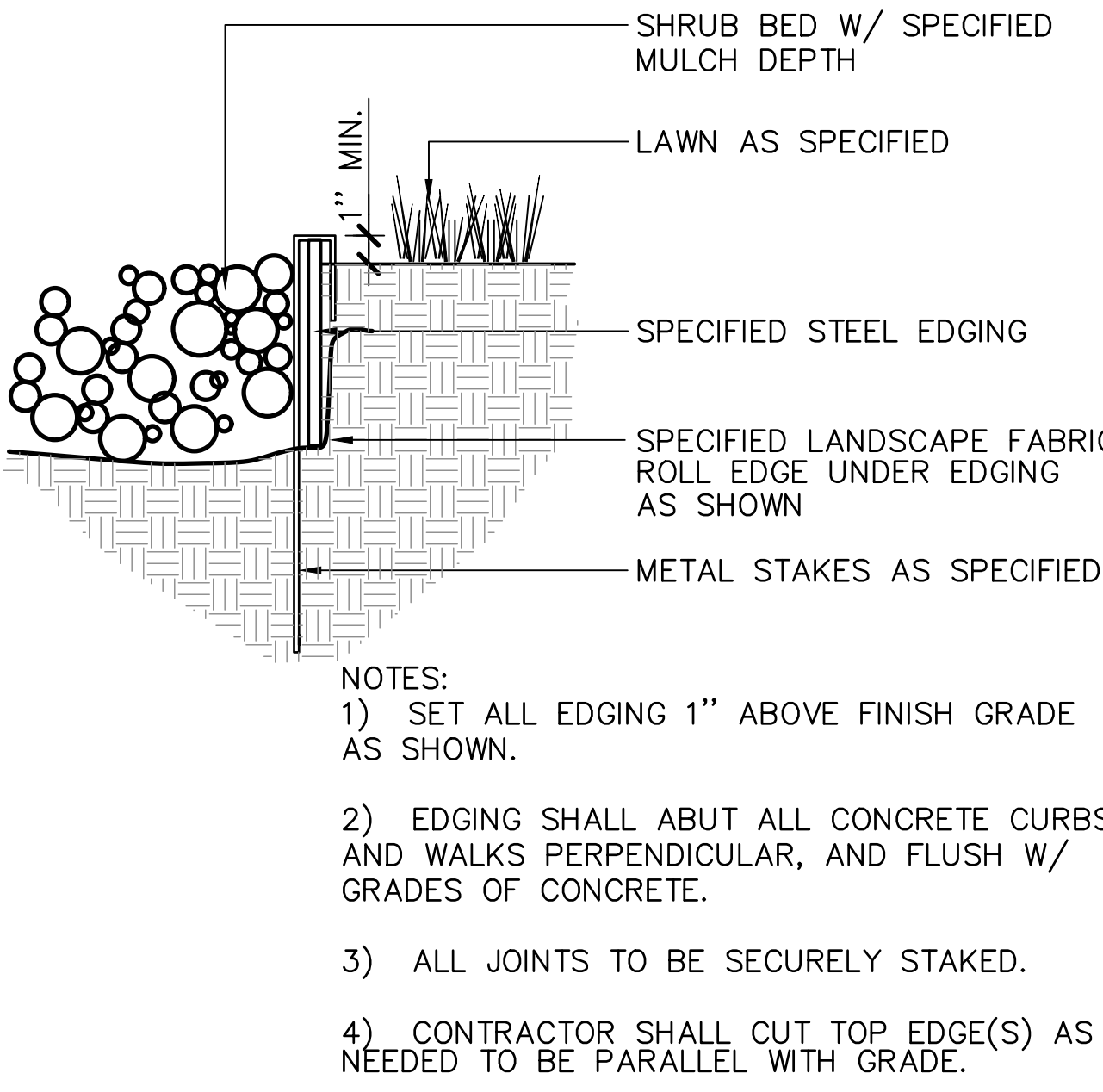
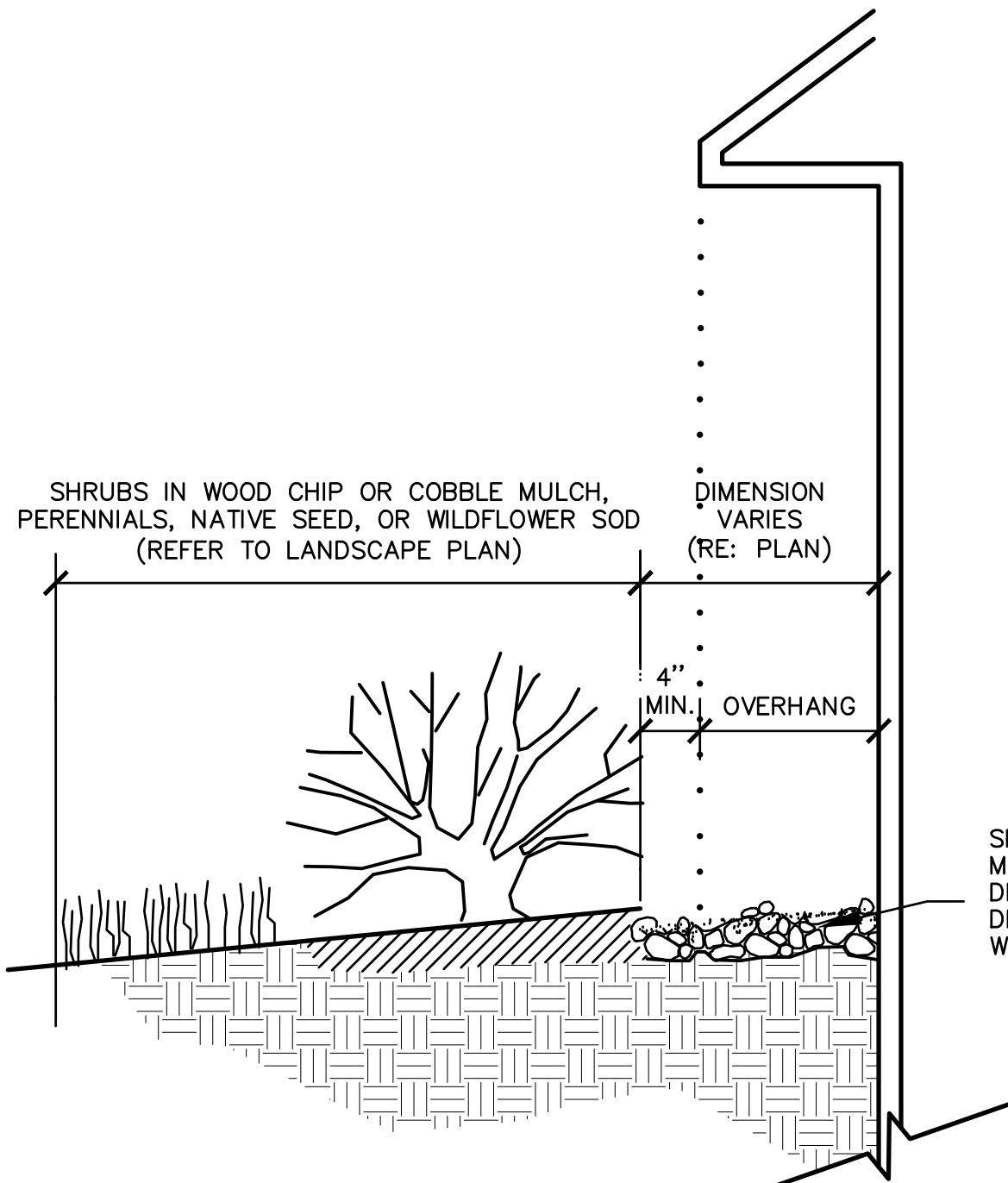
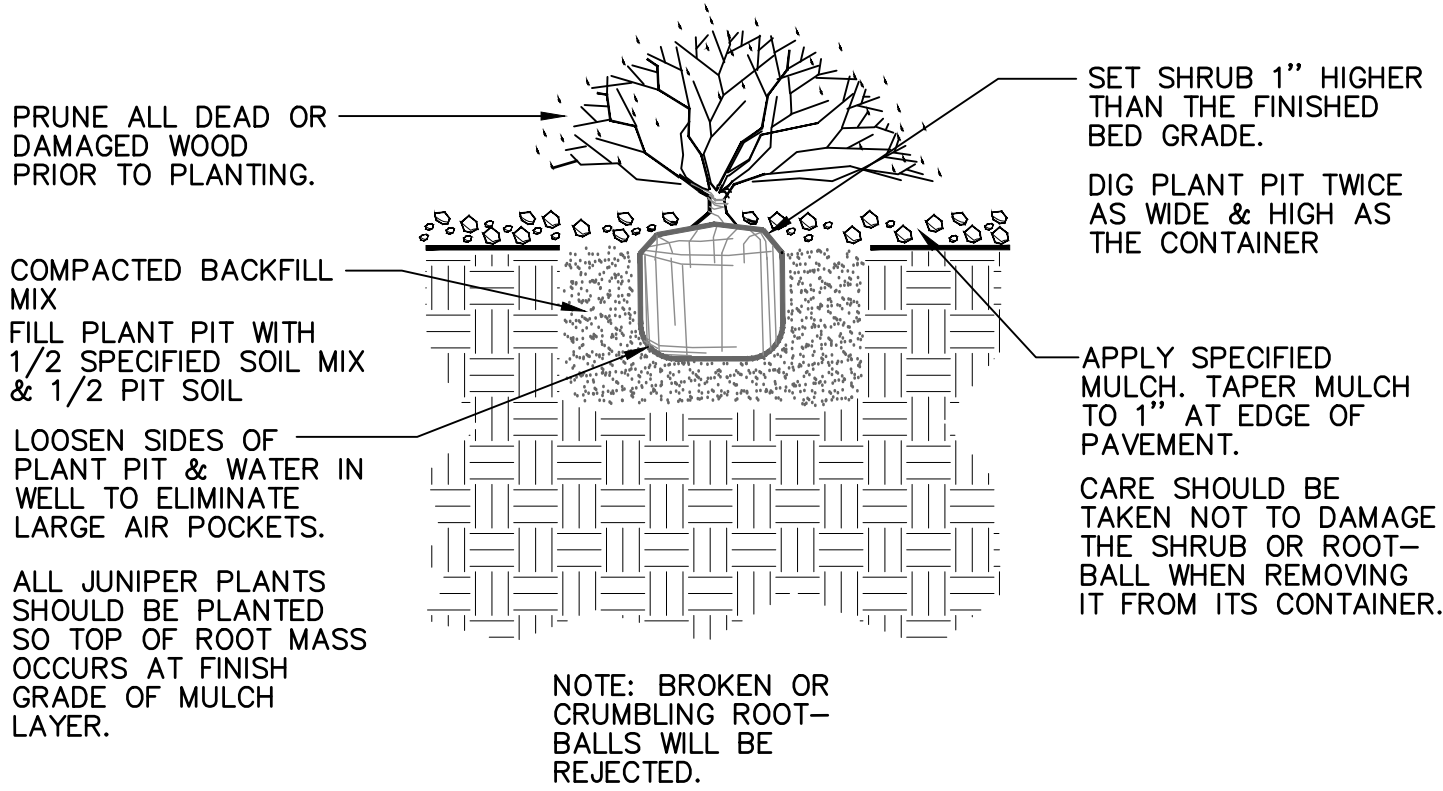
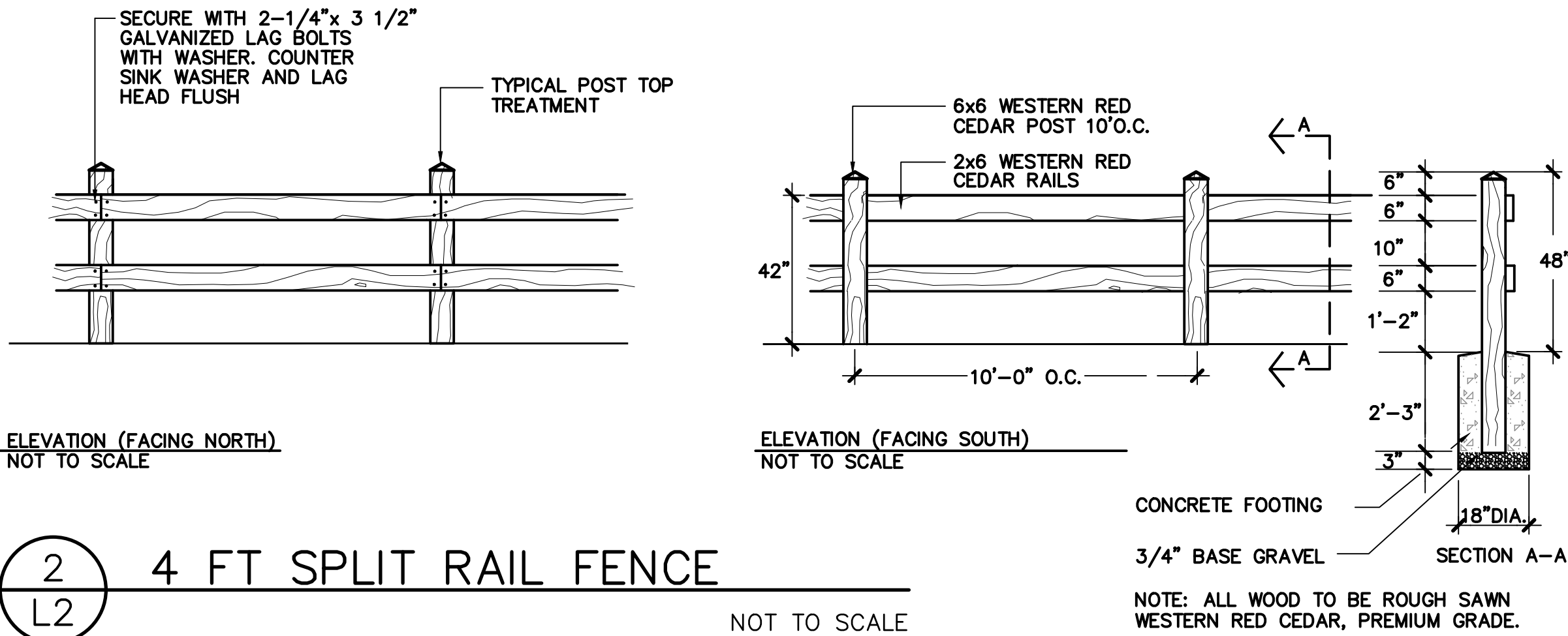
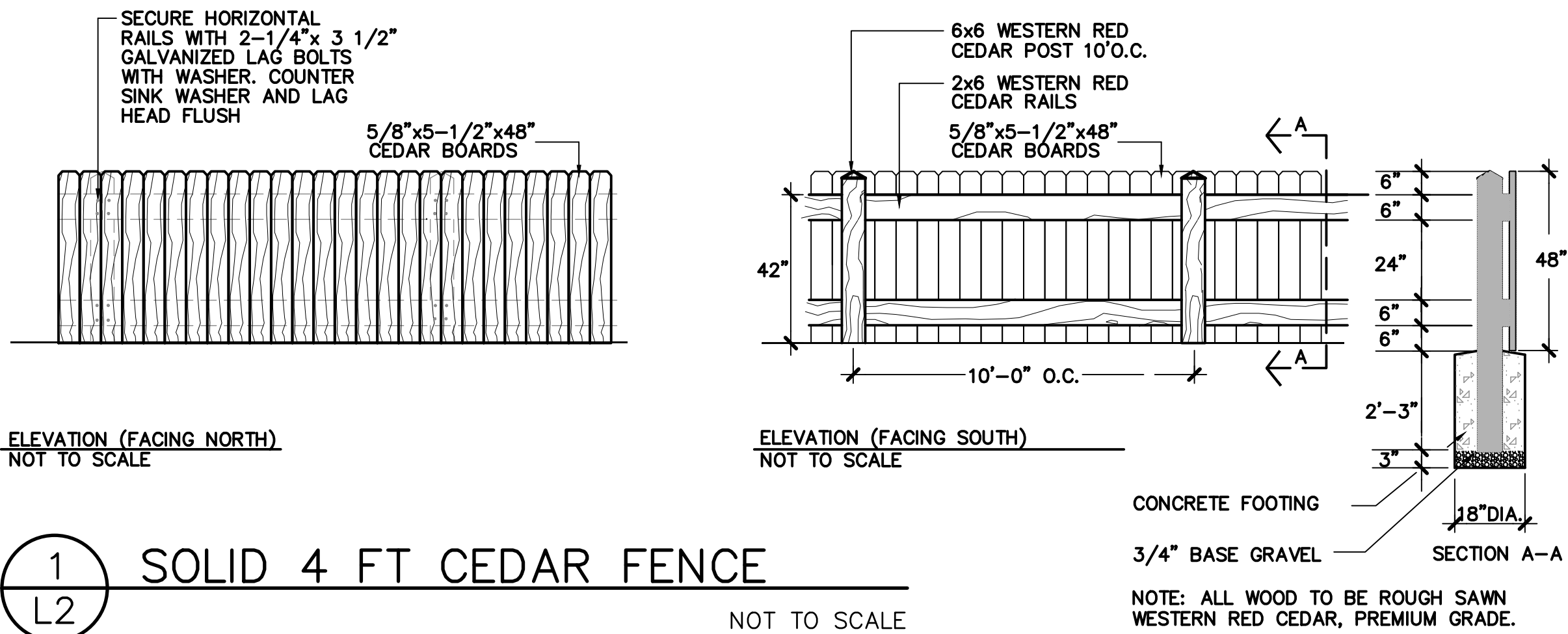
Legend & Irrigation Calculations		
Permanent Irrigation		Square Footage of Irrigation
	Permanent Irrigation For Native Seed	8,400 SF 10,723 SF
	Permanent Drip Irrigation For B&B Trees	14 TREES x 4.5 SF = 63 SF 15 TREES x 4.5 SF = 67.5 SF
	Permanent Drip Irrigation For 5 gal. Shrubs	44 SHRUBS x 3 SF = 132 SF

- NOTE:
- See Civil Engineering sheets for final grading and drainage.
- IRRIGATION NOTES:
- Design Criteria: Design automatic underground irrigation system to uniformly irrigate all planting areas. Zone irrigated turf grass and shrub planting areas separately. Provide drip irrigation for shrub beds. Provide minimum 12 inch pop-up spray heads in annual, perennial, and groundcover beds. Design rotors for turf grass areas more than 40' wide, pop-up spray heads for areas less than 40' wide.
 - All Trees, shrubs and annual/perennial beds to be drip irrigated

PROPOSED PLANT MATERIAL LIST:					
QUAN.	COMMON/ BOTANICAL NAME	FIRE MITIGATION ZONE	SIZE	COMMENTS	
DECIDUOUS TREES					
7	Bethel Spire Aspen Populus tremuloides 'Bethel Spire'	1 & 2	3" cal.	Specimen quality B&B, guyed	
3	Western Hawthorn Crataegus succulenta	1 & 2	3" cal.	Specimen quality B&B, guyed	
2	Shubert Chokecherry Prunus virginiana 'Shubert'	1 & 2	3" cal.	Specimen quality B&B, guyed	
EVERGREEN SHRUBS					
1	Rocky Mountain Juniper Juniperus scopulorum	2	5' ht.	Specimen quality B&B, staked	
DECIDUOUS SHRUBS					
9	Peking Cotoneaster Cotoneaster lucidus	1 & 2	5 gal.	Container, 5 canes minimum 24"-36" ht.	
7	Rock Spray Holodiscus dumosus	1 & 2	5 gal.	Container, 5 canes minimum 18"-24" ht.	
5	Common Purple Lilac Syringa vulgaris	1 & 2	5 gal.	Container, 5 canes minimum 18"-24" ht.	
8	Common Ninebark Physocarpus opulifolius	1 & 2	5 gal.	Container, 5 canes minimum 18"-24" ht.	
3	Red Osier Dogwood Cornus sericea	1 & 2	5 gal.	Container, 5 canes minimum 12"-18" ht.	
7	Threelcaf Sumac Rhus trilobata	1 & 2	5 gal.	Container, 5 canes minimum 12"-18" ht.	
5	Wax Currant Ribes cereum	1 & 2	5 gal.	Container, 5 canes minimum 12"-18" ht.	

NATIVE SEED REVEGETATION MIX (ROADWAY MIX):		
Scientific Name	Variety	Percent
Bluebunch Wheatgrass Agropyron spicatum	Secar	9.77
Slender Wheatgrass Agropyron trachycaulum	Revenue	28.28
Western Wheatgrass Agropyron smithii	Arriba	47.58
Sheep Fescue Festuca ovina	MX-86	10.08
Seeding Rate: 25 PLS Pounds/Acre		

NATIVE SEED REVEGETATION MIX (NON-ROADWAY MIX):		
Scientific Name	Variety	Percent
Bluebunch Wheatgrass Agropyron spicatum	Secar	26.26
Slender Wheatgrass Agropyron trachycaulum	Revenue	26.14
Western Wheatgrass Agropyron smithii	Arriba	14.03
Sheep Fescue Festuca ovina	MX-86	9.94
Arizona Fescue Festuca arizonica	Redondo	8.09
Canby Bluegrass Poa canbyi		5.44
Bottlebrush Squirreltail Elymus elymoides		4.25
Prairie Junegrass Koeleria macrantha		1.81
Seeding Rate: 20 PLS Pounds/Acre		





Know what's below.
Call before you dig.

LANDSCAPE ARCHITECT:
TOMINA TOWNSEND, LA
PO BOX 3000, PMB 301
EDWARDS, CO 81632
P.303.572.7876
TTownsend@ResortConceptsCO.com

STONE CONCEPTS II LLC

85 MARMOT LANE, LOT 1-13, FILING 2
EAGLE VALLEY COMMERCIAL PARK
COUNTY OF EAGLE, STATE OF COLORADO

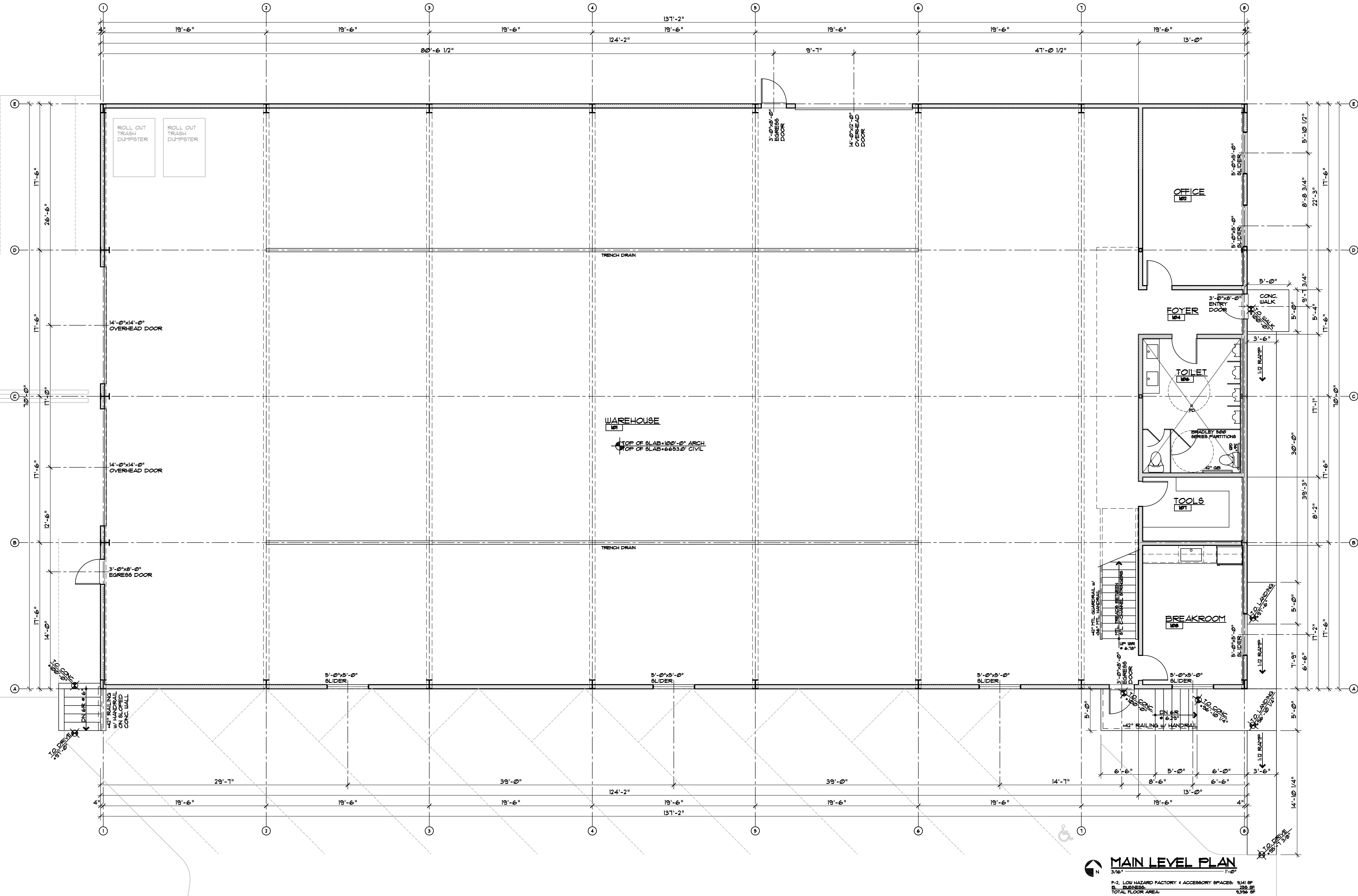
DESIGNED: TT
DRAWN: TT
CHECKED: DE/TT
DATE: May 15, 2023
REVISIONS:

REVISED PER COMMENTS, ADDED FENCES AND ONE TREE: 11.17.23

MINOR DEVELOPMENT PERMIT
SHEET TITLE:
LANDSCAPE NOTES & DETAILS
SCALE: VARIES

SHEET NUMBER:
L2

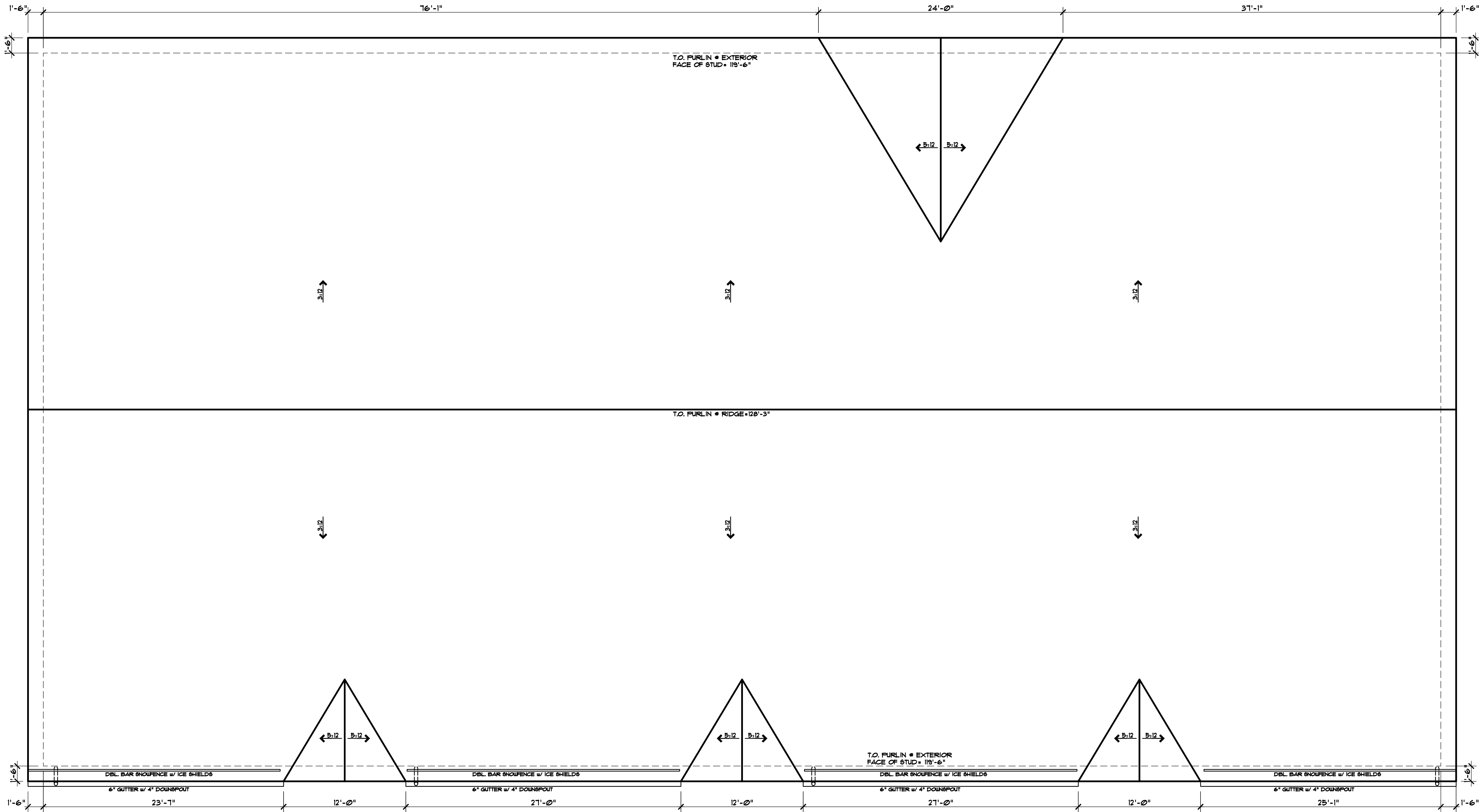
WHITE PAINTED STOP BAR
WHITE PAINTED LANE DESIGNATORS



STONE CONCEPTS WAREHOUSE
85 MARMOT LANE
LOT I-13, EAGLE VALLEY COMMERCIAL PARK, FILING NO. 2
EAGLE, COLORADO

PROJECT NO: 2505-23

ISSUED				
NUMBER	DATE	BY	COMMENTS	
2	11-17-23	DUE	MINOR DEVELOPMENT REVISED SET	
1	5-25-23	DUE	MINOR DEVELOPMENT PERMIT SUBMITTAL	



GENERAL NOTES:
1. ALL ROOFING MATERIALS ARE MECHANICALLY SEALED STANDING SEAM METAL ROOFING.
2. DRIP EDGE FLASHINGS & VALLEY TRIMS ARE TO MATCH ROOFING COLOR.
3. GABLE ELEMENTS ARE OVERLAPPED ABOVE MAIN ROOF STRUCTURE.
4. 6" GUTTERS WITH 4" DOWNSPOUTS ARE PRE-FINISHED METAL TO MATCH ROOF WITH HEAT TAPES TO DAYLIGHT.
5. ENCLOSURE FENCE IS DOUBLE BAR WITH BRACKETS ATTACHED TO STANDING SEAM RIBS.



ISSUED

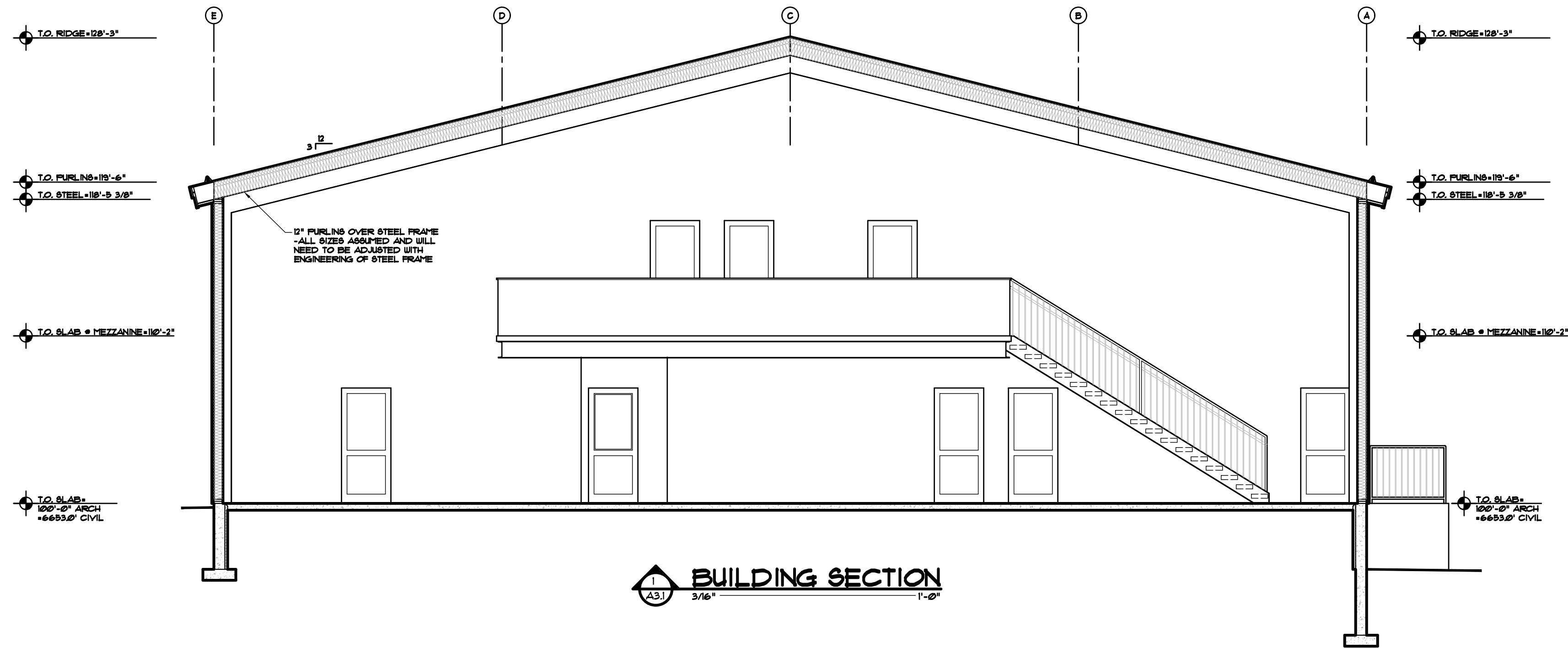
NUMBER	DATE	BY	COMMENTS
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1	5-23-23	DME	MINOR DEVELOPMENT PERMIT SUBMITTAL

A1.3

STONE CONCEPTS WAREHOUSE
85 MARMOT LANE
LOT 1-13, EAGLE VALLEY COMMERCIAL PARK, FILING NO. 2
EAGLE, COLORADO

PROJECT NO: 2505-23

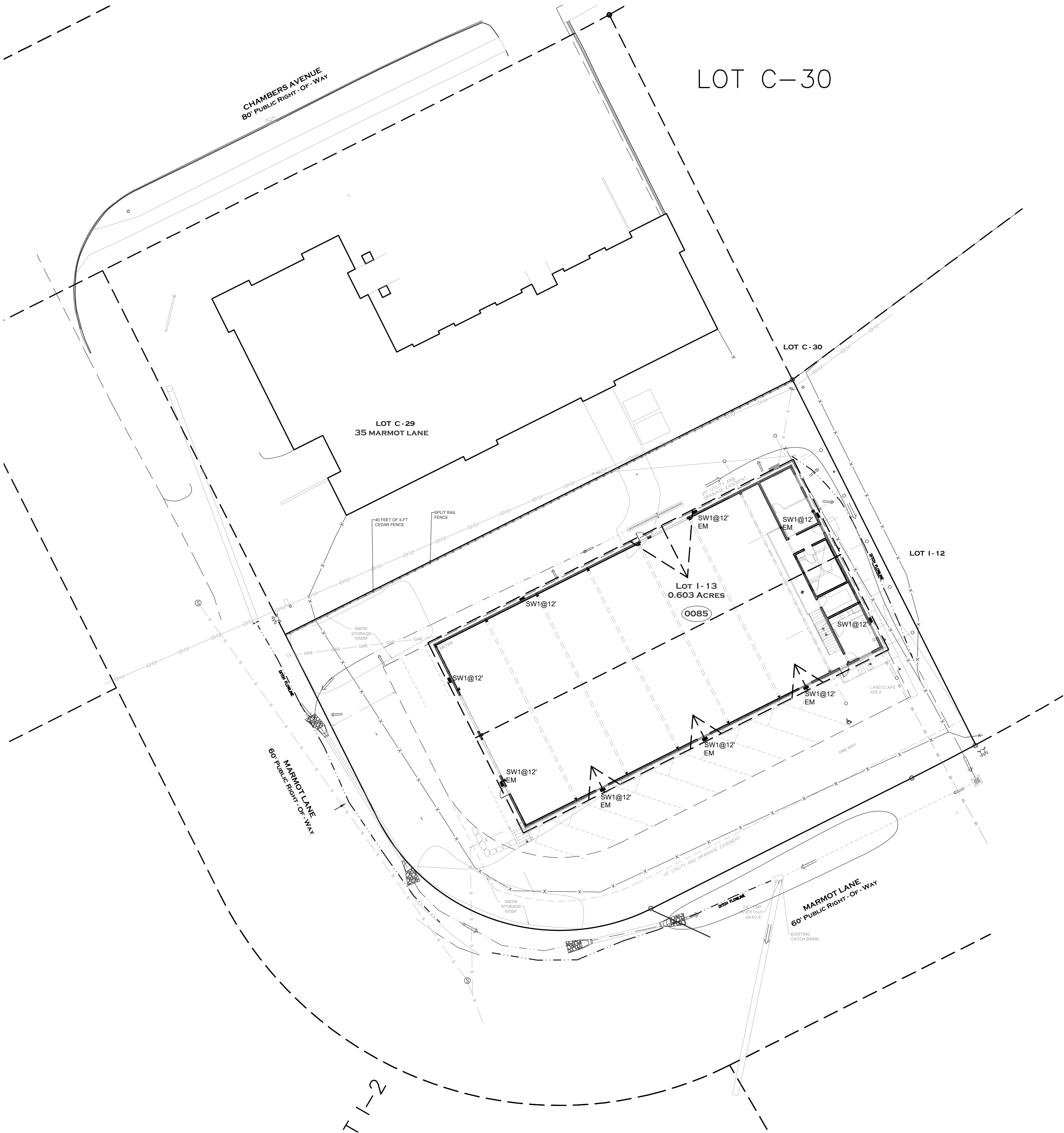
EGGERS
ARCHITECTURE, INC.
PO BOX 798 KREMMLING, CO 80459
(970) 24-3411 CELL: (970) 409-9790
don.eggars@eggarsarchitecture.com



ISSUED		COMMENTS	
NUMBER	DATE	BY	
2	11-11-23	DUE	MINOR DEVELOPMENT REVISED SET
1	5-29-23	DUE	MINOR DEVELOPMENT PERMIT SUBMITTAL

PROJECT NO: 2505-23

STONE CONCEPTS WAREHOUSE
85 MARMOT LANE
LOT 1-13, EAGLE VALLEY COMMERCIAL PARK, FILING NO. 2
EAGLE, COLORADO



LOT C-30

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER CATALOG NO.	MANUFACTURER CATALOG NO.	VOLTAGE MOUNTING	DRIVER LAMP SPECIFICATION	DESCRIPTION
SW1	STREETWORKS GAW-SA1-A-830-U-SL3-BZ-CBP-CEC	APPROVED EQUIVALENT	UNIVERSAL EXTERIOR WALL	UNIVERSAL 4976LM, 3000K, 34W, 70CRI	GALLEON EXTERIOR WALL MOUNTED LED FIXTURE, COLD WEATHER & EMERGENCY FUNCTION (AS INDICATED ON PLANS) BRONZE FINISH, TYPE 3 W/SPILL CONTROL DISTRIBUTION

- NOTES:
- THE ELECTRICAL CONTRACTOR IS TO ORDER ALL HARDWARE AND COMPONENTS NECESSARY FOR A FULL AND COMPLETE INSTALLATION AND MOUNTING OF ALL LUMINAIRE.
 - ALL POLES TO BE STRAIGHT POLE, COLOR TO MATCH LUMINAIRES. POLE SHAFT WILL BE RATED FOR WIND GUSTS OF 100 MILES/HOUR.
 - ALL OUTSIDE LIGHT SOURCES SHALL CONFORM TO ALL LOCAL MUNICIPAL ZONING & DEVELOPMENT CODES, LIGHT TRESPASS AND DARK SKY INITIATIVES.
 - ALL EXTERIOR BUILDING MOUNTED AND PARKING LOT LIGHTS ARE TO BE CONTROLLED THRU A PHOTOCELL, TIME CLOCK OR AUTOMATIC CONTROL SYSTEM FOR ALL NIGHT OPERATION.
 - NOTIFY ENGINEER OF ANY OBSTRUCTIONS TO POLE PLACEMENT IMMEDIATELY BEFORE PROCEEDING.
 - ORDER ALL EXTERIOR LUMINAIRES WITH MULTI-TAP BALLAST AND FIELD VERIFY AVAILABLE VOLTAGE FOR EACH LUMINAIRE PRIOR TO INSTALLATION.
 - REPLACE INCANDESCENT AND CFL BULBS WITH LEDS
 - 40-WATT INCANDESCENT AND 9-13 WATT CFL BULBS GIVE 450 LUMENS AND CAN BE REPLACED WITH 4-5 WATT LEDS
 - 60-WATT INCANDESCENT AND 13-18 WATT CFL BULBS GIVE 750 TO 900 LUMENS AND CAN BE REPLACED WITH 6-8 WATT LEDS
 - 75-100 WATT INCANDESCENT AND 18-22 WATT CFL BULBS GIVE 1100 TO 1300 LUMENS AND CAN BE REPLACED WITH 9-13 WATT LEDS
 - 100-WATT INCANDESCENT AND 23-30 WATT CFL BULBS GIVE 1600 TO 1800 LUMENS AND CAN BE REPLACED WITH 16-20 WATT LEDS
 - 150-WATT INCANDESCENT AND 50-55 WATT CFL BULBS GIVE 2600 TO 2800 LUMENS AND CAN BE REPLACED WITH 25-28 WATT LEDS

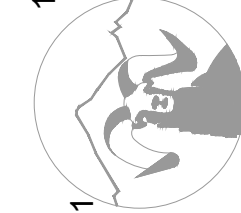


LIGHTING - SITE PLAN

SCALE: 1"=20'-0"

DO NOT REPRODUCE THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE DESIGNER. THE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF THE SERVICE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANYONE ON ANY OTHER PROJECTS FOR ADDITIONS TO THIS PROJECT BY OTHERS EXCEPT BY THE EXPRESSED WRITTEN PERMISSION OF THE DESIGNER.

386 Indian Road
Grand Junction, CO 81501
Phone: (970) 241-8709

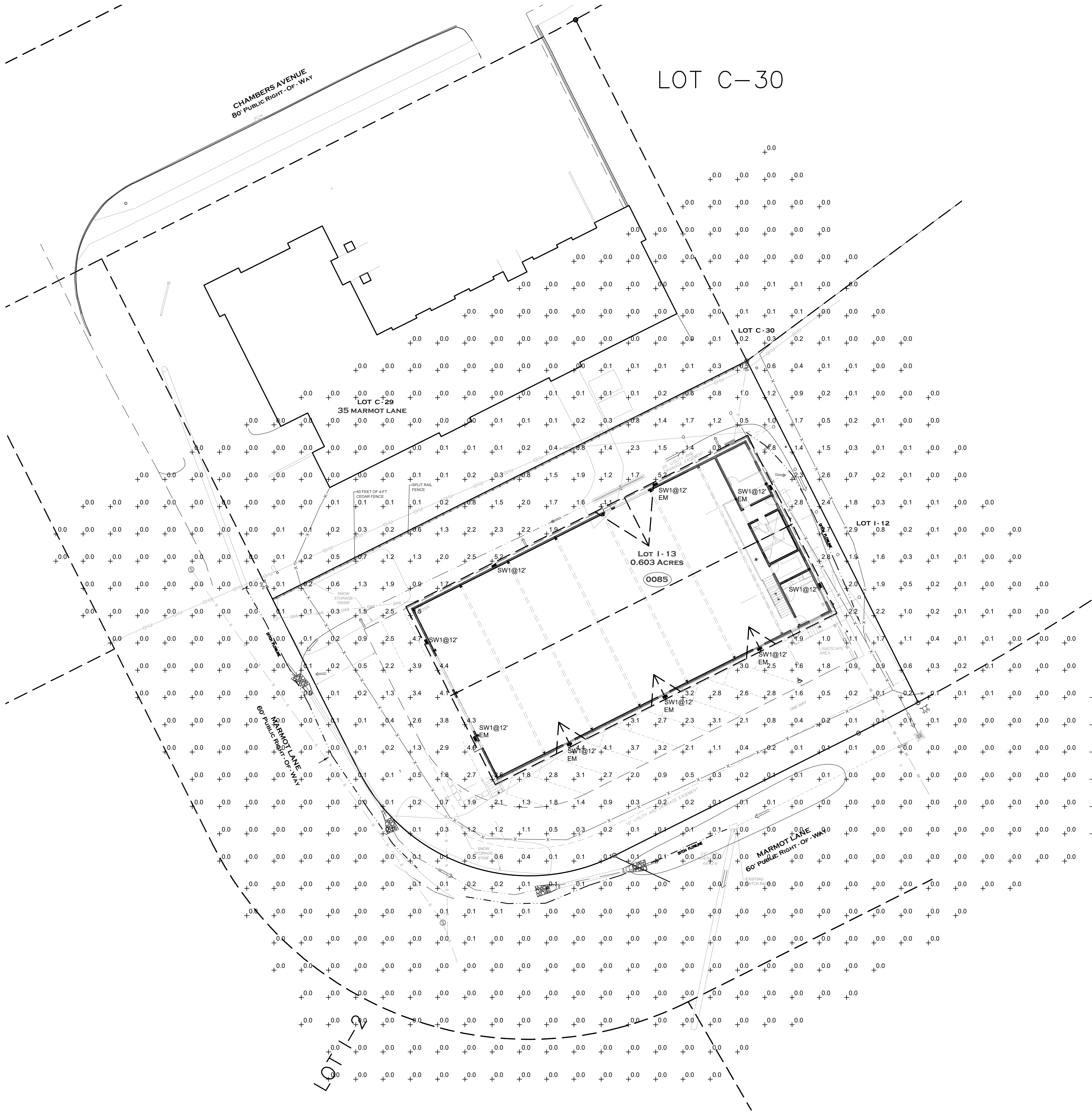


Bighorn Consulting Engineers, Inc.
Mechanical & Electrical Engineers

STONE CONCEPTS
WAREHOUSE
85 MARMOT LANE
EAGLE, COLORADO

DATE:	ISSUED FOR:
04/14/2021	REVIEW
09/21/2023	PERMIT

DATE:	09/21/2023
JOB NO:	21-043
DRAWN BY:	BCE
CHECKED BY:	BCE
SCALE:	AS SHOWN
SHEET NUMBER:	ES1-1



LIGHTING - IES FOOTCANDLE SITE PLAN

SCALE: 1"=20'-0"

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER CATALOG NO.	MANUFACTURER CATALOG NO.	VOLTAGE MOUNTING	DRIVER LAMP SPECIFICATION	DESCRIPTION
SW1	STREetworks GAW-SA1-A-830-U-SL3-BZ- CBP-CEC	APPROVED EQUIVALENT	UNIVERSAL EXTERIOR WALL	UNIVERSAL 4976LM, 3000K, 34W, 70CRI	GALLEON EXTERIOR WALL MOUNTED LED FIXTURE, COLD WEATHER & EMERGENCY FUNCTION (AS INDICATED ON PLANS) BRONZE FINISH, TYPE 3 W/SPILL CONTROL DISTRIBUTION

- NOTES:
- THE ELECTRICAL CONTRACTOR IS TO ORDER ALL HARDWARE AND COMPONENTS NECESSARY FOR A FULL AND COMPLETE INSTALLATION AND MOUNTING OF ALL LUMINAIRE.
 - ALL POLES TO BE STRAIGHT POLE, COLOR TO MATCH LUMINAIRES. POLE SHAFT WILL BE RATED FOR WIND GUSTS OF 100 MILES/HOUR
 - ALL OUTSIDE LIGHT SOURCES SHALL CONFORM TO ALL LOCAL MUNICIPAL ZONING & DEVELOPMENT CODES, LIGHT TRESPASS AND DARK SKY INITIATIVES.
 - ALL EXTERIOR BUILDING MOUNTED AND PARKING LOT LIGHTS ARE TO BE CONTROLLED THRU A PHOTOCELL, TIME CLOCK OR AUTOMATIC CONTROL SYSTEM FOR ALL NIGHT OPERATION.
 - NOTIFY ENGINEER OF ANY OBSTRUCTIONS TO POLE PLACEMENT IMMEDIATELY BEFORE PROCEEDING.
 - ORDER ALL EXTERIOR LUMINAIRES WITH MULTI-TAP BALLAST AND FIELD VERIFY AVAILABLE VOLTAGE FOR EACH LUMINAIRE PRIOR TO INSTALLATION.
 - REPLACE INCANDESCENT AND CFL BULBS WITH LEDS
 - 40-WATT INCANDESCENT AND 9-13 WATT CFL BULBS GIVE 450 LUMENS AND CAN BE REPLACED WITH 4-5 WATT LEDS
 - 60-WATT INCANDESCENT AND 13-18 WATT CFL BULBS GIVE 750 TO 900 LUMENS AND CAN BE REPLACED WITH 6-8 WATT LEDS
 - 75-100 WATT INCANDESCENT AND 18-22 WATT CFL BULBS GIVE 1100 TO 1300 LUMENS AND CAN BE REPLACED WITH 9-13 WATT LEDS
 - 100-WATT INCANDESCENT AND 23-30 WATT CFL BULBS GIVE 1600 TO 1800 LUMENS AND CAN BE REPLACED WITH 16-20 WATT LEDS
 - 150-WATT INCANDESCENT AND 50-55 WATT CFL BULBS GIVE 2600 TO 2800 LUMENS AND CAN BE REPLACED WITH 25-28 WATT LEDS.

PHOTOMETRIC CALCULATION DISCLAIMER:

LIGHTING PATTERN USED FOR LUMINAIRES REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY LUMINAIRE MAY VARY DUE TO VARIATION IN VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD AND EQUIPMENT CONDITIONS.

EXTERIOR LIGHTING DESIGN CONCEPTS:

- CALCULATIONS ARE USING POINT-TO-POINT METHOD WITH TEN FEET DISTANCE BETWEEN CALCULATION GRID POINTS, USING VISUAL LIGHTING CALCULATIONS SOFTWARE.
- THE IESNA STANDARDS REPRESENT THE LOWEST ACCEPTABLE LEVELS FOR PROPER VISIBILITY AND RECOMMEND MINIMUM MAINTAINED LIGHT LEVELS FOR OPEN PARKING LOTS AT 0.2-0.5 FOOT CANDLE LEVELS FOR ENHANCED SECURITY CONDITIONS.
- PROPOSED LIGHT FIXTURES AND LIGHT LEVELS ARE TO BE IN ACCORDANCE WITH ALL LOCAL REQUIREMENTS.

EXTERIOR LIGHTING NOTES:

- LIGHT FIXTURES SHALL BE INSTALLED AND MAINTAINED IN A MANNER CONSISTENT WITH THE LIGHTING PLAN APPROVED BY THE CITY PLANNING DEPARTMENT. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE LIGHTING FIXTURES ON THEIR PROPERTY.
- REFER TO LANDSCAPE PLANS FOR MATURE HEIGHT OF EXISTING AND PROPOSED TREES.
- REFER TO ARCHITECTURAL ELEVATIONS FOR BUILDING HEIGHT INFORMATION.
- ALL EXTERIOR LIGHT FIXTURES SHALL BE OPERATED BY ASTRONOMICAL TIME CLOCK, PHOTOCELL OR LIGHTING CONTROL SYSTEM.
- POST-CURFEW LIGHT LEVELS FOR PARKING LOTS SHALL BE REDUCED BY AT LEAST 50%. ENTRY LIGHTS MAY BE LEFT ON.
- FACILITIES & SITE DEVELOPMENT OF THIS SITE ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CITY CONSTRUCTION SPECIFICATIONS, STANDARDS AND DETAILS.
- ALL OUTSIDE LIGHT SOURCES SHALL CONFORM TO ALL LOCAL ZONING & DEVELOPMENT CODES.
- PARKING LOT LIGHTS SHALL OPERATE DUSK TO PRE-SET OFF, SO THAT THEY EXTINGUISH ONE HOUR AFTER CLOSE OF BUSINESS OR NO LATER THAN 10 P.M. BUILDING SECURITY LIGHTS WILL OPERATE FROM DUSK TO DAWN.

ACCEPTANCE BLOCK

THE CITY REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE CITY'S DEVELOPMENT STANDARDS, SUBJECT TO THESE PLANS BEING SEALED, SIGNED, AND DATED BY THE PROFESSIONAL OF RECORD. REVIEW BY THE CITY DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD. CONSTRUCTION MUST COMMENCE WITHIN ONE YEAR FROM THE DATE OF PLAN SIGNATURE.

CITY DEVELOPMENT ENGINEER

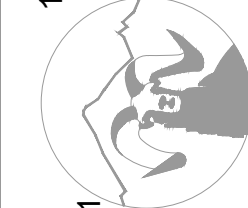
DATE

CITY PLANNER

DATE

DO NOT REPRODUCE THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE DESIGNER. THE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF THE SERVICE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANYONE ON ANY OTHER PROJECTS FOR ADDITION TO THIS PROJECT BY OTHERS EXCEPT BY THE EXPRESSED WRITTEN PERMISSION OF THE DESIGNER.

101 W 11th Street #109-C
Durango, CO 81301
Phone: (970) 241-8709



Bighorn Consulting Engineers, Inc.
Mechanical & Electrical Engineers

**STONE CONCEPTS
WAREHOUSE**
85 MARMOT LANE
EAGLE, COLORADO

DATE: ISSUED FOR:

04/14/2023 REVIEW

09/21/2023 PERMIT

DATE: 09/21/2023

JOB NO: 21-043

DRAWN BY: BCE

CHECKED BY: BCE

SCALE: AS SHOWN

SHEET NUMBER:

IES1-1

November 21, 2023 - 7:02:57am

Project		Catalog #		Type	
Prepared by		Notes		Date	



Streetworks

GAW Galleon Wall

Wall Mount Luminaire

Typical Applications

Exterior Wall • Walkway

Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Configurations [page 3](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 6](#)

Product Certifications



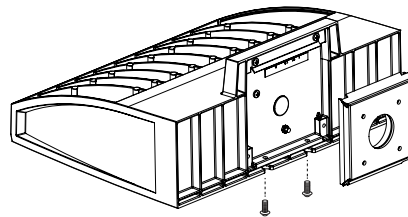
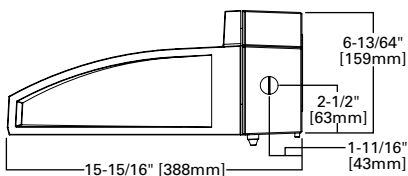
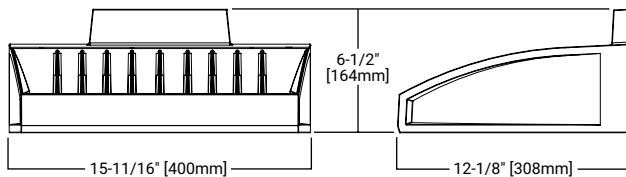
Product Features



Quick Facts

- Choice of thirteen high-efficiency, patented AccuLED Optics™
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,056
- Efficacies up to 154 lumens per watt

Dimensional Details



Ordering Information

SAMPLE NUMBER: **GAW-SA2C-740-U-T4FT-GM**

Product Family ¹	Light Engine		Color Temperature	Voltage	Distribution	Finish
	Configuration	Drive Current				
GAW=Galleon Wall	SA1=1 Square SA2=2 Squares ²	A=615mA B=800mA C=1000mA D=1200mA ⁴	722=70CRI, 2200K 727=70CRI, 2700K 730=70CRI, 3000K 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 5000K 760=70CRI, 6000K 827=80CRI, 2700K 830=80CRI, 3000K AMB=Amber, 590nm ^{3,4}	U=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V ^{6,7} 9=347V ⁶	T2=Type II T3=Type III T4FT=Type IV Forward Throw T4W=Type IV Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I 5NQ=Type V Square Narrow 5MQ=Type V Square Medium 5WQ=Type V Square Wide	AP=Gray BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)			Controls and Systems Options (Add as Suffix)		Accessories (Order Separately)	
F=Single Fused (120, 277 or 347V. Must Specify Voltage) FF=Double Fused (208, 240 or 480V. Must Specify Voltage) 10K=10kV Surge Module 20K=20kV UL 1449 Fused Surge Protective Device DIM=External 0-10V Dimming Leads ^{9,10} CBP=Battery Pack with Back Box, Cold Weather Rated ^{2,4,14,33} CBP-CEC=Battery Pack with Back Box, Cold Weather Rated, CEC compliant ^{2,4,14} L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right HSS=Factory Installed House Side Shield ²³ GRSBK=Factory Installed Glare Shield, BK ^{4,27} GRSWH=Factory Installed Glare Shield, WH ^{4,27} UPL=Uplight Housing ¹³ HA=50°C High Ambient ¹² LCF=Light Square Trim Plate Painted to Match Housing ²² MT=Factory Installed Mesh Top CC=Coastal Construction finish ⁵ CE=CE Marking and Small Terminal Block ²⁴ AHD145=After Hours Dim, 5 Hours ¹⁶ AHD245=After Hours Dim, 6 Hours ¹⁶ AHD255=After Hours Dim, 7 Hours ¹⁶ AHD355=After Hours Dim, 8 Hours ¹⁶ DALI=DALI Driver ¹¹			BPC=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) PR=NEMA 3-PIN Twistlock Photocontrol Receptacle PR7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹⁵ MS-LXX=Motion Sensor for On/Off Operation ^{17,18,19} MS/DIM-LXX=Motion Sensor for Dimming Operation ^{17,18,19} ZW=WaveLinX-enabled 4-PIN Twistlock Receptacle ^{29,30} ZD=WaveLinX Module with DALI driver and 4-PIN Receptacle ^{29,30} SWPD4XX=WaveLinX Sensor Only, 7'-15' ^{31,32} SWPD5XX=WaveLinX Sensor Only, 15'-40' ^{31,32} WOBXX=WaveLinX Sensor with Bluetooth, 7'-15' ^{31,32} WOFXX=WaveLinX Sensor with Bluetooth, 15'-40' ^{31,32} LWR-LW=Enlightened Wireless Sensor, Wide Lens for 8'-16' Mounting Height ^{19,20,21} LWR-LN=Enlightened Wireless Sensor, Narrow Lens for 16'-40' Mounting Height ^{19,20,21}		OA/RA1013=Photocontrol Shorting Cap ²⁸ OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V ²⁸ OA/RA1201=NEMA Photocontrol - 347V ²⁸ OA/RA1027=NEMA Photocontrol - 480V ²⁸ MA1252=10kV Circuit Module Replacement MA1059XX=Thru-branch Back Box (Must Specify Color) LS/HSS=Field Installed House Side Shield ^{23,25} LS/GRSBK=Glare Shield, Black ^{8,25,27} LS/GRSWH=Glare Shield, White ^{8,25,27} LS/PFS=Perimeter Shield, Black FSIR-100=Wireless Configuration Tool for Occupancy Sensor ¹⁷ WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin) ^{26,29} SWPD4-XX=WaveLinX Wireless Sensor, 7' - 15' Mounting Height ^{29,30,31,32} SWPD5-XX=WaveLinX Wireless Sensor, 15' - 40' Mounting Height ^{29,30,31,32}	
NOTES: 1. DesignLight Consortium® Qualified. Refer to www.designlights.org, Qualified Products List under Family Models for details. 2. Two light squares with CBP options limited to 25°C. Not available in combination with sensor options at 1200mA. 3. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option. 4. Not available with HA option. 5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 6. Require the use of a step down transformer. Not available in combination with sensor options at 1200mA. 7. 480V must use Wye system only. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems). 8. Reserved. 9. Cannot be used with other control options. 10. Low voltage control leads extended 18" from fixture. 11. Not available in 1200mA. When used with CBP or HA options, only available with single light square. 12. Not available in 1200mA, UPL or CBP options. Available with single light square. 13. Not available with SL2, SL3, SL4, HA, CBP, PR or PR7 options. 14. Operates a single light square only. Operates at -20°C to +40°C. Backbox is non-IP rated. Control option limited to BPC. 15. Compatible with standard 3-PIN photocontrols, 5-PIN or 7-PIN ANSI controls. 16. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information. 17. The FSIR-100 configuration tool is required to adjust parameters such as high and low modes, sensitivity, time delay and cutoff. Consult your lighting representative at Cooper Lighting Solutions for more information. 18. Replace LXX with L08 (<8' mounting), L20 (8'-20' mounting) or L40W (21'-40' mounting.) 19. Includes integral photosensor. 20. Enlighted wireless sensors are factory installed requiring network components in appropriate quantities. 21. Bronze sensor is shipped with Bronze fixtures. White sensor shipped on all other housing color options. 22. Not available with HSS or GRS options. 23. Not for use with 5NQ, 5MQ, 5WQ or RW optics. The light square trim plate is painted black when the HSS option is selected. 24. CE is not available with the 1200, DALI, LWR, MS, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only. 25. One required for each light square. 26. Requires PR7. 27. Not for use with T4FT, T4W or SL4 optics. 29. Cannot be used in conjunction with additional photocontrol or other controls systems (BPC, PR, PR7, MS, LWR). 30. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. 31. Requires ZW or ZD receptacle. 32. Replace XX with sensor color (WH, BZ, or BK). 33. Specify 120V or 277V.						

Product Specifications

Construction

- Driver enclosure thermally isolated from optics for optimal thermal performance
- Die-cast aluminum heat sinks
- IP66 rated housing
- 1.5G vibration rated

Optics

- Patented, high-efficiency injection-molded AccuLED Optics technology
- 13 optical distributions
- IDA Certified (3000 CCT and warmer only)

Electrical

- LED driver assembly mounted for ease of maintenance

- Standard with 0-10V dimming
- Optional 10kV or 20kV surge module
- Suitable for operation in -40C to 40C ambient environments. Optional 50C high ambient (HA) configuration.

Mounting

- Gasketed and zinc plated rigid steel mounting attachment
- "Hook-N-Lock" mechanism for easy installation

Finish

- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available

- Coastal Construction (CC) option available

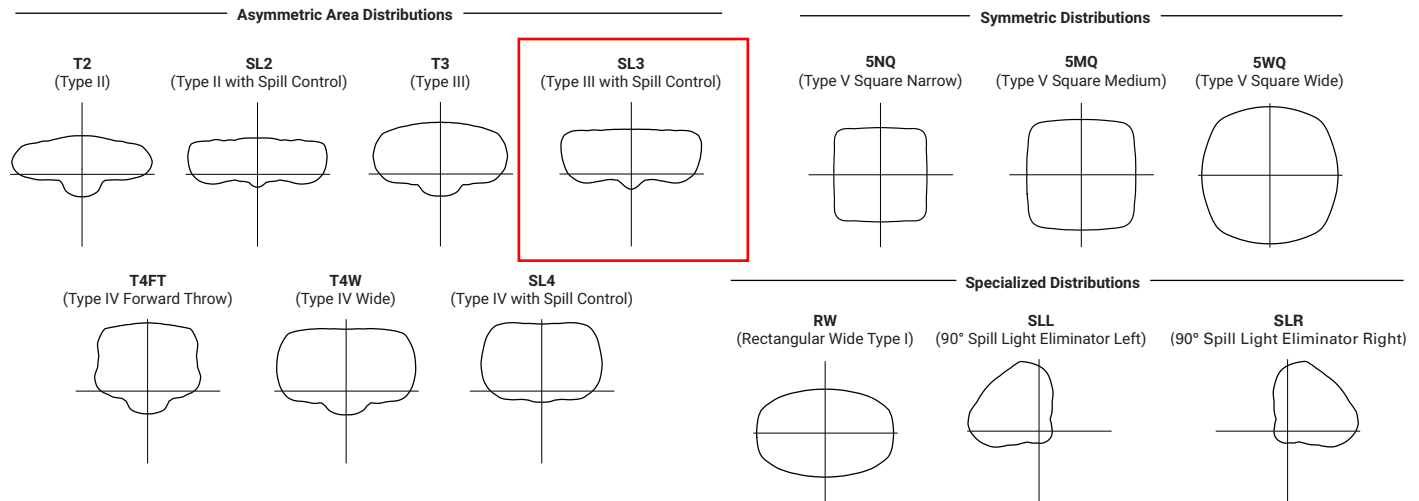
Shipping Data

- Approximate Net Weight: 27 lbs. (12.2 kgs.)

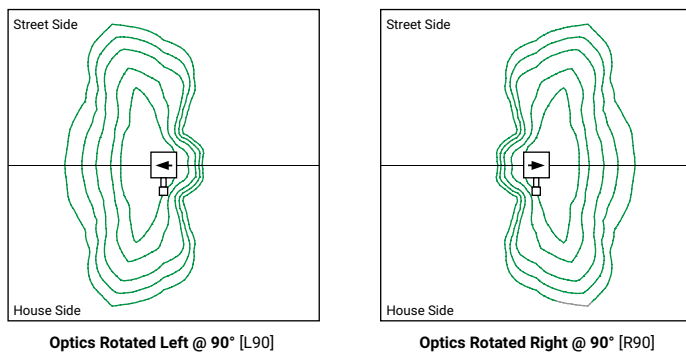
Warranty

- Five-year warranty

Optical Distributions



Optic Orientation



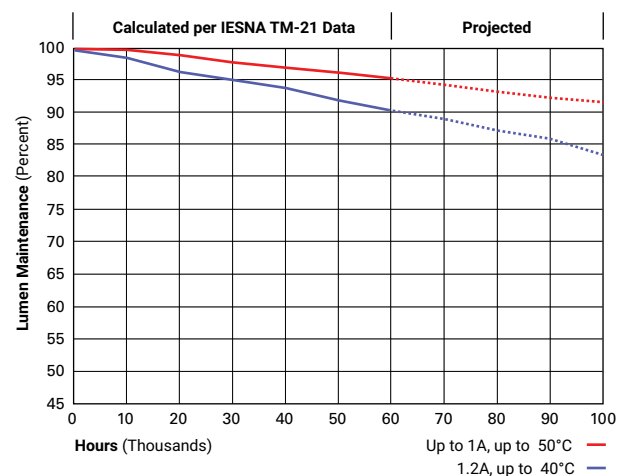
Energy and Performance Data

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

Lumen Maintenance

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	> 416,000
1.2A	Up to 40°C	> 90%	> 205,000



Energy and Performance Data

4000K/5000K/6000K CCT, 70 CRI

 View GAW Galleon Wall IES files

Number of Light Squares		1				2			
Drive Current		615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A
Nominal Power (Watts)		34	44	59	67	66	86	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	Lumens	4,883	5,989	7,412	8,131	9,543	11,703	14,485	15,891
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
	Lumens per Watt	144	136	126	121	145	136	128	123
T3	Lumens	4,978	6,105	7,556	8,288	9,729	11,929	14,764	16,196
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
T4FT	Lumens	5,008	6,140	7,599	8,337	9,783	11,998	14,850	16,290
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	147	140	129	124	148	140	131	126
T4W	Lumens	4,942	6,060	7,502	8,229	9,658	11,843	14,658	16,080
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
	Lumens per Watt	145	138	127	123	146	138	130	125
SL2	Lumens	4,874	5,979	7,399	8,117	9,528	11,684	14,461	15,863
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3
	Lumens per Watt	143	136	125	121	144	136	128	123
SL3	Lumens	4,976	6,104	7,555	8,287	9,727	11,927	14,763	16,194
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
SL4	Lumens	4,729	5,799	7,178	7,873	9,239	11,333	14,025	15,387
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4
	Lumens per Watt	139	132	122	118	140	132	124	119
5NQ	Lumens	5,134	6,296	7,793	8,547	10,033	12,303	15,226	16,704
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	151	143	132	128	152	143	135	129
5MQ	Lumens	5,228	6,412	7,935	8,705	10,216	12,529	15,508	17,011
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	134	130	155	146	137	132
5WQ	Lumens	5,242	6,428	7,956	8,728	10,244	12,563	15,548	17,056
	BUG Rating	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	135	130	155	146	138	132
SLL/SLR	Lumens	4,373	5,365	6,640	7,283	8,547	10,481	12,973	14,231
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	129	122	113	109	130	122	115	110
RW	Lumens	5,087	6,238	7,721	8,472	9,941	12,190	15,088	16,553
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	150	142	131	126	151	142	134	128

* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.

3000K CCT, 80 CRI

Number of Light Squares		1				2			
Drive Current		615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A
Nominal Power (Watts)		34	44	59	67	66	86	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	Lumens	3,880	4,759	5,890	6,461	7,583	9,300	11,510	12,628
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
T3	Lumens	3,956	4,851	6,004	6,586	7,731	9,479	11,732	12,870
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	Lumens per Watt	116	110	102	98	117	110	104	100
T4FT	Lumens	3,980	4,879	6,038	6,625	7,774	9,534	11,800	12,945
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	117	111	102	99	118	111	104	100
T4W	Lumens	3,927	4,816	5,961	6,539	7,675	9,411	11,648	12,778
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	116	109	101	98	116	109	103	99
SL2	Lumens	3,873	4,751	5,880	6,450	7,571	9,285	11,491	12,605
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
SL3	Lumens	3,954	4,851	6,004	6,585	7,729	9,478	11,731	12,868
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	116	110	102	98	117	110	104	100
SL4	Lumens	3,758	4,608	5,704	6,256	7,342	9,006	11,145	12,227
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3
	Lumens per Watt	111	105	97	93	111	105	99	95
5NQ	Lumens	4,080	5,003	6,193	6,792	7,973	9,776	12,099	13,274
	BUG Rating	B2-U0-G0	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	Lumens per Watt	120	114	105	101	121	114	107	103
5MQ	Lumens	4,154	5,095	6,305	6,917	8,118	9,956	12,323	13,518
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	122	116	107	103	123	116	109	105
5WQ	Lumens	4,166	5,108	6,322	6,936	8,140	9,983	12,355	13,553
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	123	116	107	104	123	116	109	105
SLL/SLR	Lumens	3,475	4,263	5,276	5,787	6,792	8,329	10,309	11,309
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	102	97	89	86	103	97	91	88
RW	Lumens	4,042	4,957	6,135	6,732	7,900	9,687	11,990	13,154
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	119	113	104	100	120	113	106	102

* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.

Control Options

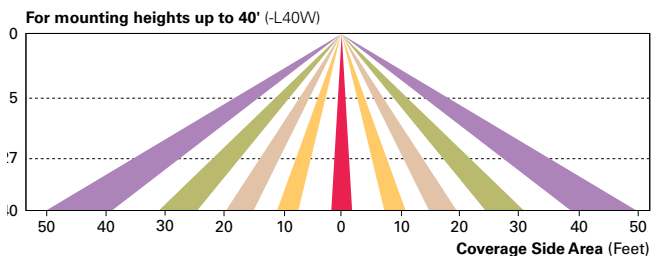
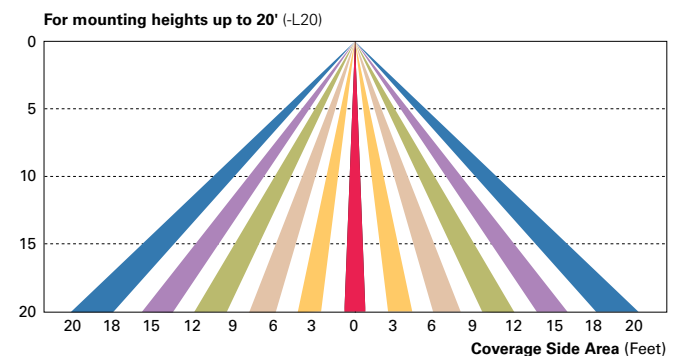
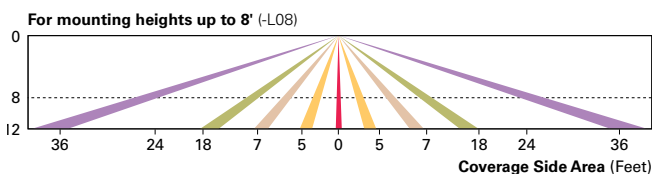
0-10V This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (BPC, PR, and PR7) Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

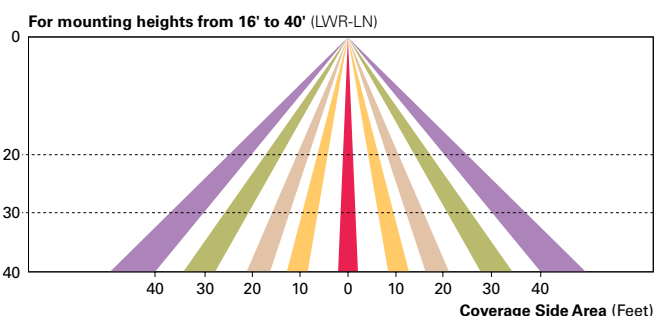
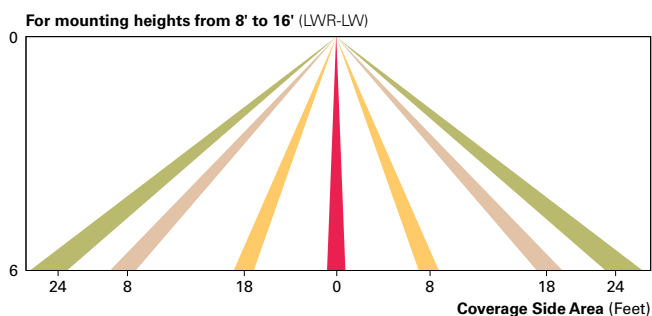
After Hours Dim (AHD) This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a “dusk-to-dawn” period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MS/DIM-LXX and MS-LXX) These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for “dusk-to-dawn” control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-40'.



Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN) The Enlighted control system is a connected lighting solution, combining LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes while collecting valuable data about building performance and use. Software applications utilizing energy dashboards maximize data inputs to help optimize the use of other resources beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A) The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.