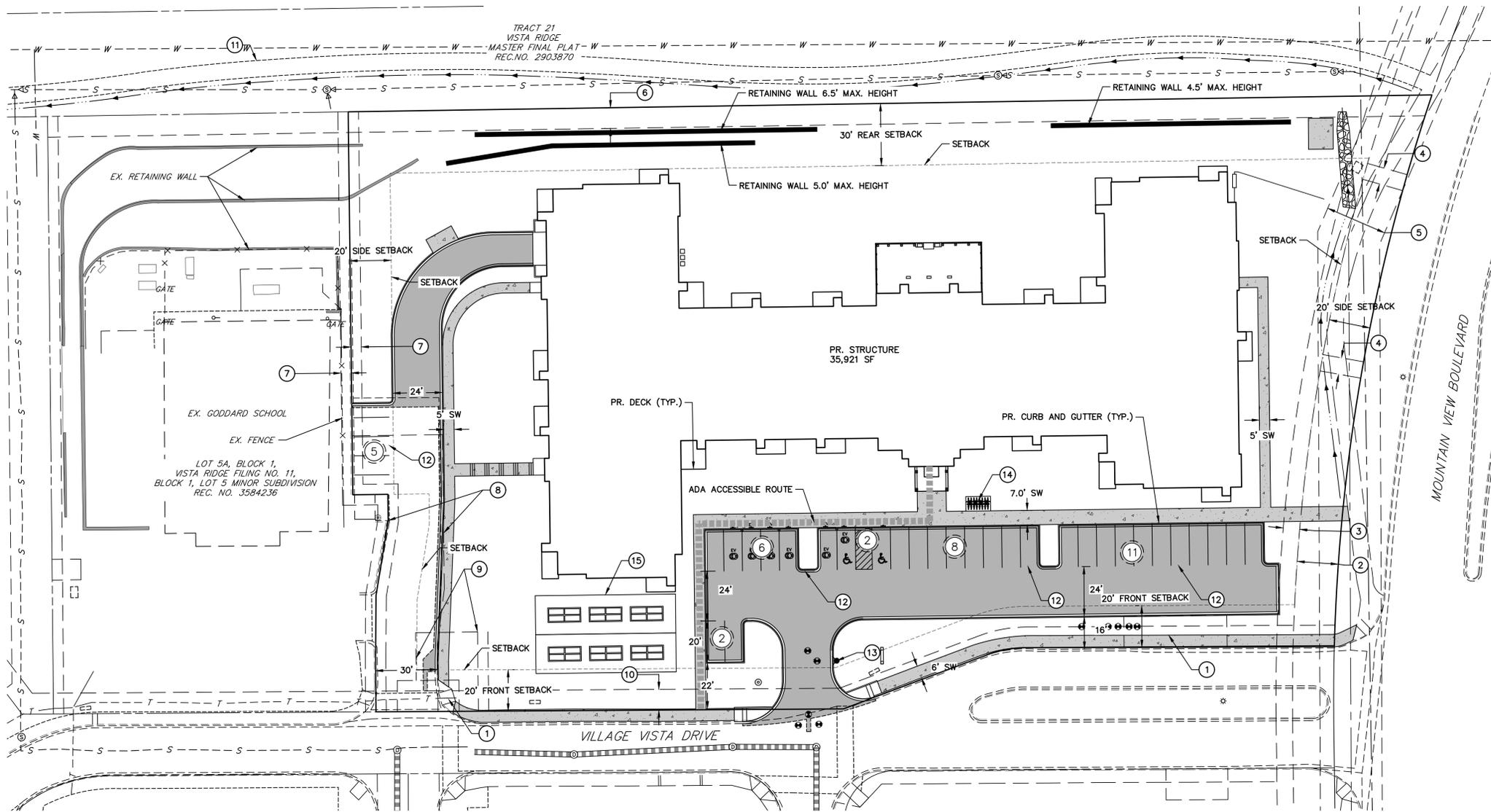


THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

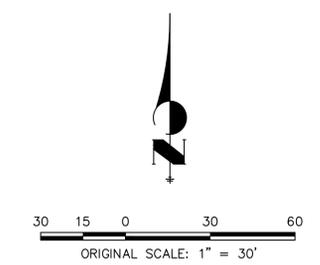
1 LOT SP-001691-2024



LEGEND

	PROPOSED CURB & GUTTER
	PROPOSED EASEMENT LINE
	PROPOSED WATER LINE
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER W/MANHOLE
	EXISTING 100YR FLOOD PLAIN
	PROPOSED TOP OF SLOPE
	PROPOSED TOE OF SLOPE
	PROPOSED FENCE
	PROPOSED PROPERTY LINE
	PROPOSED DRAINAGE SWALE
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOURS
	PROPOSED MAJOR CONTOURS
	ADA ACCESSIBLE ROUTE
	HIGH POINT
	LOW POINT
	DRAINAGE ARROW
	FF 53XX.XX
	53XX.XX
	53XX.XX SW
	GB
	53XX.XXG
	53XX.XX
	TOF
	53XX.XXBW
	53XX.XXTW
	EXISTING CURB & GUTTER
	G - G
	W - W
	X - X
	T - T
	E - E
	S - S
	EXISTING STORM SEWER W/MANHOLE
	EXISTING EASEMENT LINE
	EXISTING DRAINAGE SWALE
	EXISTING EDGE OF CONCRETE
	EXISTING ELECTRIC PEDESTAL
	PROPOSED WATER METER
	EXISTING WATER METER
	PROPOSED WATER VALVE
	EXISTING WATER VALVE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED LIGHT
	PROPOSED SIGN
	PARKING COUNT
	PROPOSED CONCRETE AREAS
	EV CHARGING STALL

- #### SCHEDULE NOTES
- ① EX. 50' x 15' UTILITY CONNECTION EASEMENT REC NO. 3492705
 - ② 20' LANDSCAPE EASEMENT REC NO. 2903870
 - ③ 8' U.E. REC NO. 2970757, REC NO. 2971220
 - ④ 8' U.E. REC NO. 2943714
 - ⑤ 30' GAS EASEMENT REC NO. 2946541
 - ⑥ 10' U.E. REC NO. 3492705
 - ⑦ 5' U.E. REC NO. 3584236
 - ⑧ PUBLIC ACCESS EASEMENT REC NO. 3584236
 - ⑨ FIRE HYDRANT EASEMENT REC NO. 3584236
 - ⑩ 10' U.E. REC NO. 3584236
 - ⑪ EX. 8' CONCRETE TRAIL
 - ⑫ 9' X 20' PARKING STALL
 - ⑬ PROPOSED FIRE HYDRANT
 - ⑭ PROPOSED BIKE RACK
 - ⑮ PROPOSED RESIDENT GARDEN PLOTS



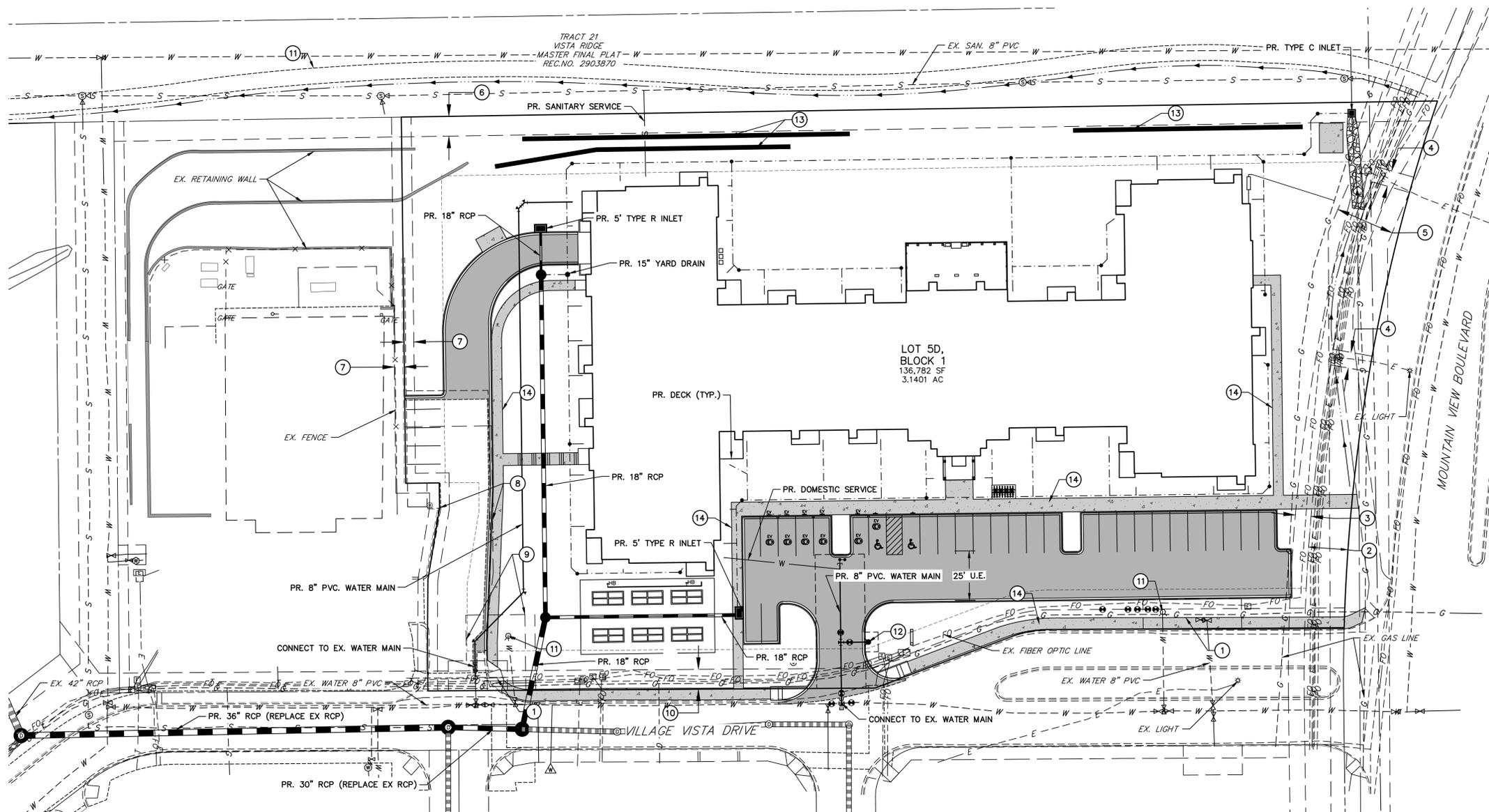
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 PREPARED FOR THE VILLAGE COOPERATIVE OF ERIE 1303 CORPORATE CENTER DRIVE SUITE 400 EAGAN, MN 55121 JOE MOOSRUGGER 651-760-8301
J.R. ENGINEERING
 A Westman Company
 Central 303-740-9888 • Colorado Springs 719-583-2583
 Fort Collins 970-491-9888 • www.jrengineering.com
 BY DATE
 No. REVISION
 H-SCALE 1"=30'
 V-SCALE N/A
 DATE 11/1/24
 DESIGNED BY JP
 DRAWN BY MEP
 CHECKED BY
 THE VILLAGE COOPERATIVE OF ERIE
 SITE PLAN
 SHEET 2 OF 15
 JOB NO. 16162.00



THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

1 LOT
SP-001691-2024

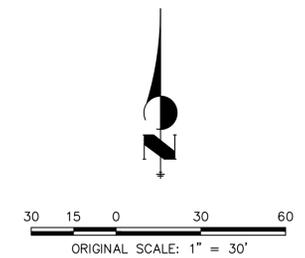


LEGEND

- PROPOSED CURB & GUTTER
- PROPOSED EASEMENT LINE
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER W/MANHOLE
- EXISTING 100YR FLOOD PLAIN
- PROPOSED TOP OF SLOPE
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- H.P.
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- FF 53XX.XX
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- GB
- 53XX.XXG
- 53XX.XX
- TOF
- 53XX.XXBW
- 53XX.XXTW
- EXISTING CURB & GUTTER
- EXISTING GASLINE
- EXISTING WATERLINE
- EXISTING FENCE
- EXISTING TELEPHONE
- EXISTING ELECTRIC LINE
- EXISTING SANITARY SEWER W/MANHOLE
- EXISTING STORM SEWER W/MANHOLE
- EXISTING EASEMENT LINE
- EXISTING DRAINAGE SWALE
- EXISTING EDGE OF CONCRETE
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- PROPOSED WATER METER
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- PROPOSED WATER VALVE
- EXISTING WATER VALVE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED LIGHT
- PROPOSED SIGN
- PARKING COUNT
- PROPOSED CONCRETE AREAS
- EV CHARGING STALL

SCHEDULE NOTES

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- ⑨ FIRE HYDRANT EASEMENT REC NO. 3584236
- ⑩ 10' U.E. REC NO. 3584236
- ⑪ EX. FIRE HYDRANT
- ⑫ PROPOSED FIRE HYDRANT
- ⑬ PROPOSED RETAINING WALL
- ⑭ PROPOSED CONCRETE SIDEWALK



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PREPARED FOR
THE VILLAGE COOPERATIVE OF ERIE
1303 CORPORATE CENTER DRIVE
SUITE 400
EAGAN, MN 55121
JOE MOOSBRUGGER
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No.	REVISION	BY	DATE

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=30'	N/A	11/1/24	JP	MEP	

THE VILLAGE COOPERATIVE OF ERIE
UTILITY PLAN

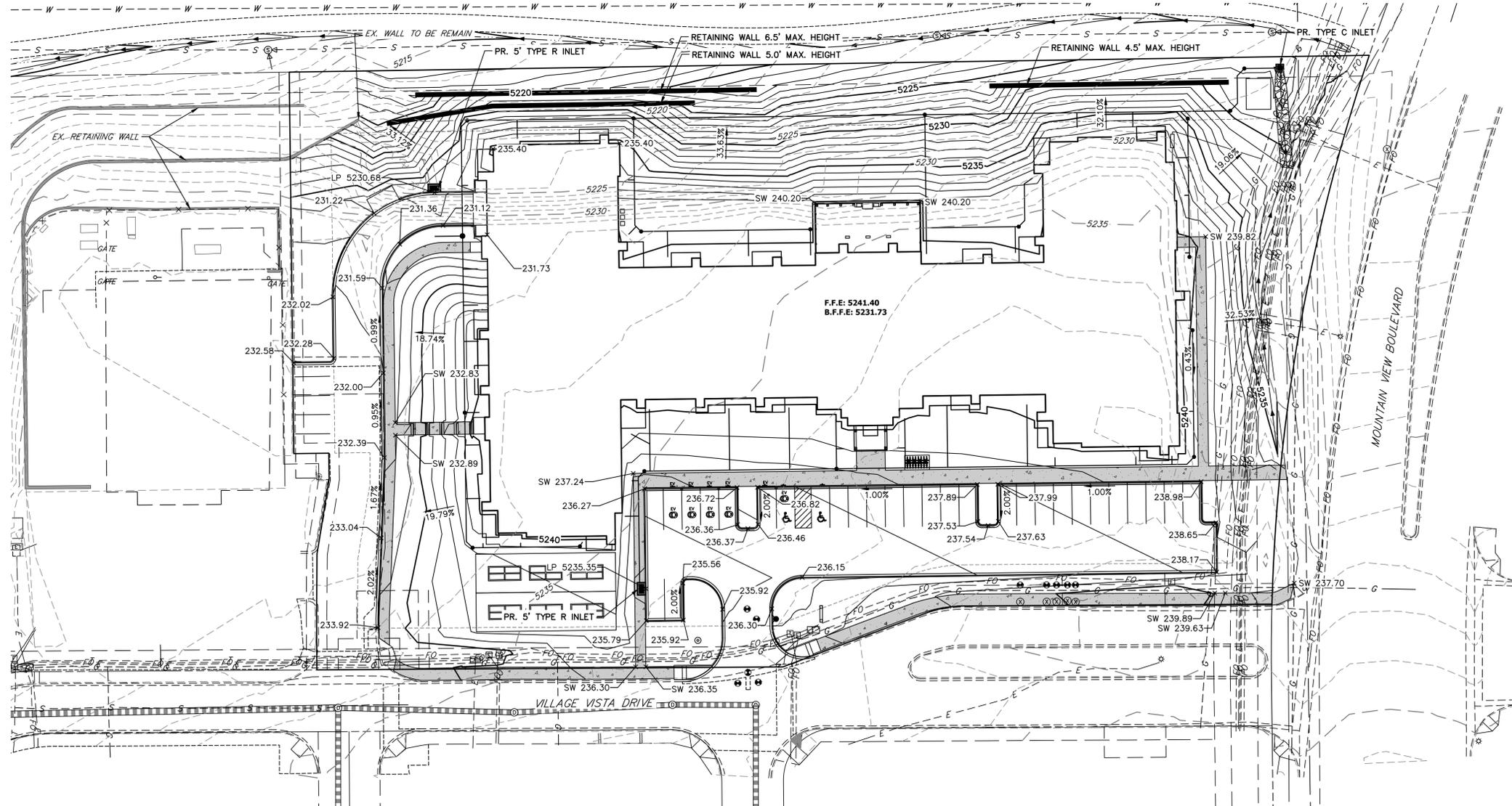
SHEET 3 OF 15
JOB NO. 16162.00



THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

1 LOT SP-001691-2024

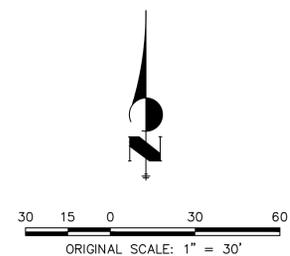


LEGEND

	EX. STORM SEWER
	EX. WATER LINE
	EX. SANITARY SEWER LINE
	EX. ELECTRIC LINE
	EX. FIBER OPTIC LINE
	EX. TELECOM LINE
	EX. GAS LINE
	EX. OVERHEAD UTILITY
	PR. SANITARY SEWER
	PR. WATER LINE
	PR. FIRE HYDRANT
	PR. STORM SEWER
	PR. STORM INLET
	EX. RETAINING WALL
	PR. RETAINING WALL
	PR. LOW POINT ELEVATION
	PR. HIGH POINT ELEVATION
	PR. ELEVATION
	PR. SLOPE
	EX. FLOW ARROW
	PR. FLOW ARROW
	EX. CONTOURS
	PR. CONTOURS
	EX. TOE OF SLOPE
	EX. TOP OF SLOPE
	PR. TOE OF SLOPE
	PR. TOP OF SLOPE

NOTES:

1. ALL CURB AND GUTTER ELEVATIONS ARE FLOWLINE UNLESS NOTED OTHERWISE.



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SUITE 400
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No.	REVISION	BY	DATE

H-SCALE	1" = 30'
V-SCALE	N/A
DATE	11/1/24
DESIGNED BY	JP
DRAWN BY	MEP
CHECKED BY	

THE VILLAGE COOPERATIVE OF ERIE
GRADING PLAN

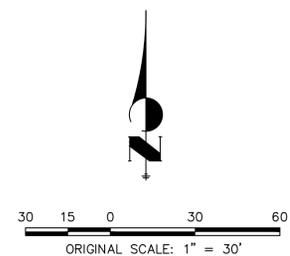
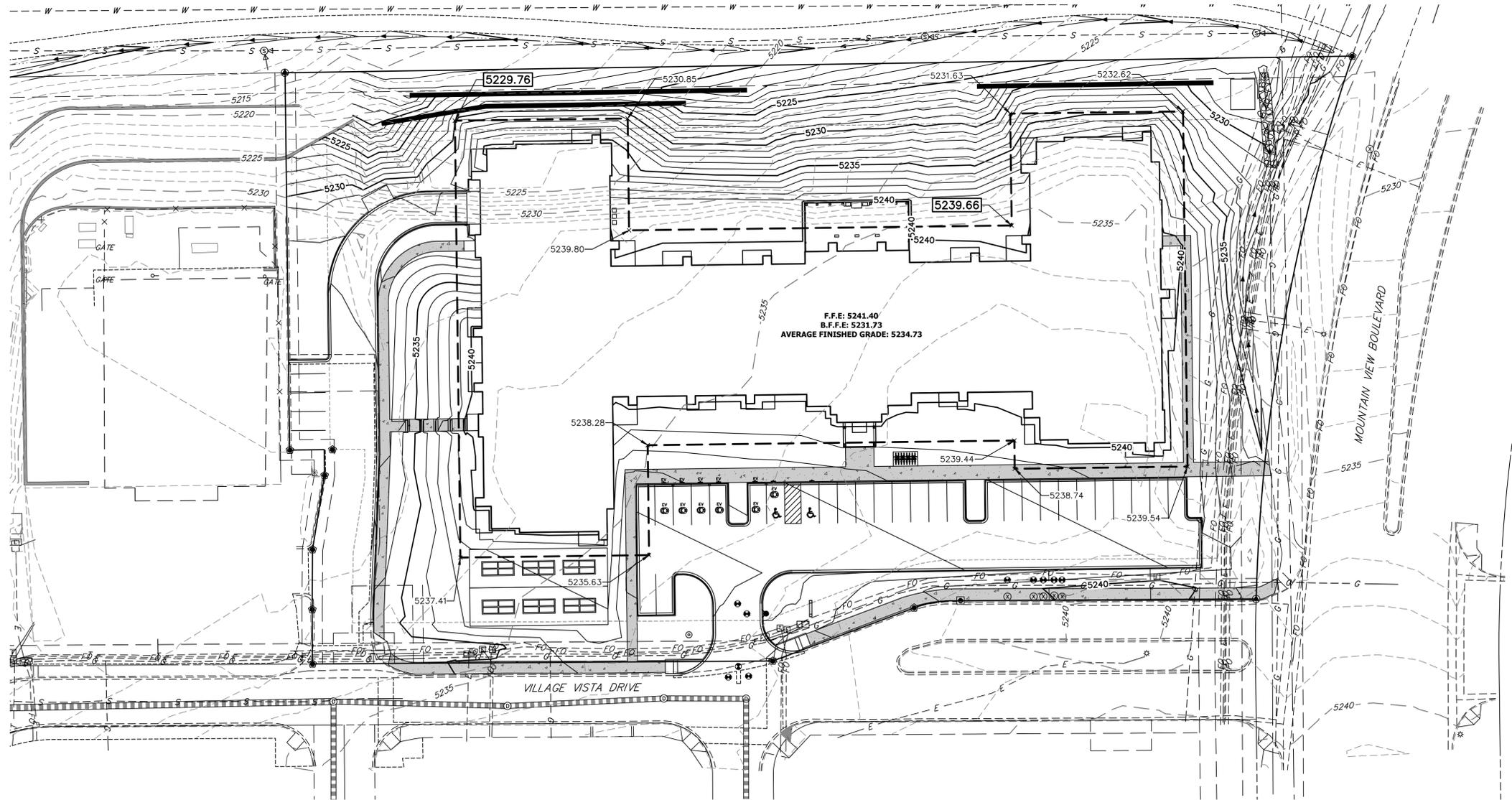
SHEET 4 OF 15
JOB NO. 16162.00

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THE VILLAGE COOPERATIVE OF ERIE

**A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION
LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M.,
TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO**

**1 LOT
SP-001691-2024**



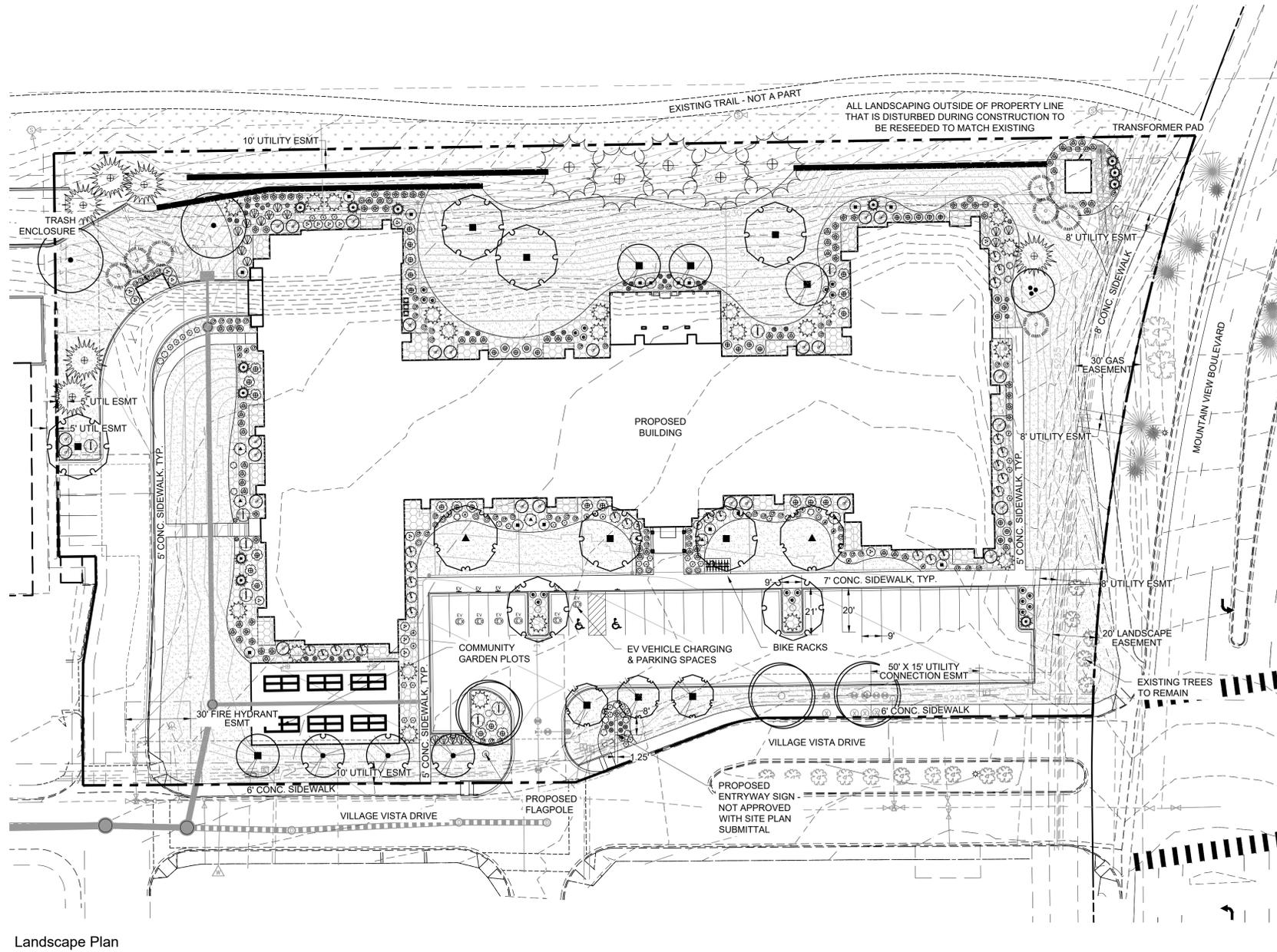
THE VILLAGE COOPERATIVE OF ERIE COOPERATIVE OF ERIE BUILDING HEIGHT EXHIBIT	SHEET 4A OF 15 JOB NO. 16162.00	H-SCALE 1" = 30' V-SCALE N/A DATE 11/1/24 DESIGNED BY JP DRAWN BY MEP CHECKED BY	No. REVISION BY DATE	PREPARED FOR THE VILLAGE COOPERATIVE OF ERIE 1303 CORPORATE CENTER DRIVE SUITE 400 EAGAN, MN 55121 JOE MOOSBRUGGER 651-760-8301	UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.
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THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

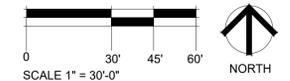
1 LOT SP-001691-2024



Materials Legend

SYMBOL	DESCRIPTION	QTY
01 GROUND COVER		
	IRRIGATED TURF DURATURF FESCUE BLEND OR APPROVED EQUAL	37,547 sf
	NON-IRRIGATED NATIVE SEED SEE DETAILS FOR SEED MIX	18,193 sf
	1.5" WASHED RIVER ROCK COBBLE ALL SHRUB BEDS TO RECEIVE A MINIMUM 2"-3" DEPTH ROCK COBBLE	17,919 sf
	PROPERTY BOUNDARY	
	EASEMENTS	
	LANDSCAPE EDGING	
	EXISTING TREES	

IF TRANSFORMERS, GROUND MOUNTED HVAC EQUIPMENT, UTILITY PEDESTALS, ETC. ARE NOT SHOWN ON THE SITE IMPROVEMENT PLAN, ADDITIONAL LANDSCAPING/SCREENING MAY BE REQUIRED BASED UPON FIELD CONDITIONS DISCOVERED VIA THE SITE INSPECTION BY STAFF, MADE PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, OR FINAL INSPECTION AS APPLICABLE.



LANDSCAPE AND TREE REQUIREMENTS

CODE SEC. 10.6.4.E 1a - STREET FRONTAGE			
REQUIREMENT	AREA/MEASUREMENT	REQUIRED	PROVIDED
1 DECIDUOUS OR ORNAMENTAL STREET TREE FOR EVERY 40 LINEAR FEET (LF) OF STREET FRONTAGE	470.3 L.F. of frontage along Village Vista Drive 470.3/40 = 12	12 trees	9 trees - this is due to existing utilities and easements. Additional trees on site have been added to make up for loss.
	271.4 L.F. of frontage along Mountain View Boulevard 271.4/40 = 7	7 trees	10 existing trees

CODE SECTION 10.6.4.E 3a & b - MIN. REQUIRED SITE TREES ON MULTI-FAMILY PROPERTIES			
REQUIREMENT	AREA/MEASUREMENT	REQUIRED	PROVIDED
MINIMUM OF 1 TREE PER 1,000 S.F. OF LANDSCAPED AREA	17,946 s.f. 17,946/1,000 = 17.9	18 trees	31 trees
MINIMUM OF 1 SHRUB PER 150 S.F. OF LANDSCAPED AREA	17,946 s.f. 17,946/150 = 119.6	120 shrubs	250 shrubs

CODE SECTION 10.6.4.E 5d -			
REQUIREMENT	AREA/MEASUREMENT	REQUIRED	PROVIDED
MINIMUM 1 TREE PER 15 PARKING SPACES	29 PARKING SPACES 29/15 = 1.9	2 TREES	3 TREES
MINIMUM 1 SHRUB PER PARKING SPACE	29 PARKING SPACES	29 SHRUBS	25 SHRUBS

LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A NEAT, CLEAN, AND HEALTHY CONDITION BY THE OWNER. THIS SHALL INCLUDE PROPER PRUNING, MOWING, AND AERATION OF LAWNS, REPLACEMENT OF MULCH, WEEDING, REMOVAL OF LITTER AND THE REGULAR WATERING OF ALL PLANTINGS. IRRIGATION SHALL BE MAINTAINED TO MINIMIZE WATER CONSUMPTION. SHOULD ANY PLANT MATERIAL DIE, THE OWNER, SUCCESSOR, OR ASSIGNS SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF PLANT(S) WITHIN ONE PLANTING SEASON. REPLACEMENT OF PLANT MATERIALS SHALL OCCUR AT THE FOLLOWING RATE.

TYPE	PLANT REPLACEMENT WITHIN	
	1 YEAR	2+ YEARS
TREE - DECIDUOUS	INCREASE THE CALIPER BY 1"	INCREASE THE CALIPER BY 1.5"
TREE - CONIFEROUS	INCREASE THE HEIGHT BY 1.5'	INCREASE THE HEIGHT BY 2'
SHRUB	REPLACE WITH PLANTS OF AT LEAST 1/2 MATURE SIZE	REPLACE WITH PLANTS OF AT LEAST 1/2 MATURE SIZE

Landscape Tree Legend

DECIDUOUS TREES		EVERGREEN TREES	
	Catalpa speciosa Western Catalpa		Picea pungens 'Bakeri' Bakeri Spruce
	Celtis occidentalis Western Hackberry		Pinus heldreichii leucodermis Bosnian Pine
	Gleditsia triacanthos inermis Shademaster Shademaster Honeylocust		Pinus ponderosa Ponderosa Pine
	Gymnocladus dioica 'Espresso' Seedless Kentucky Coffeetree	ORNAMENTAL TREES	
	Quercus robur English Oak		Acer ginnala 'Flame' Amur Maple
			Crataegus crus-galli inermis Thornless Cockspur Hawthorn
			Pyrus calleryana 'Chanticleer' Chanticleer Pear
			Syringa reticulata Japanese Tree Lilac

NOTE: IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN GRAPHIC AND THE LANDSCAPE LEGEND, THE PLANT MATERIAL QUANTITY AS DETERMINED BY THE PLAN GRAPHIC SHALL TAKE PRECEDENCE.

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PREPARED FOR
THE VILLAGE COOPERATIVE OF ERIE
1303 CORPORATE CENTER DRIVE
SUITE 400
EAGAN, MN 55121
AUSTIN ALLEN
720-308-1890

TB GROUP
landscape architecture | planning | illustration
444 Mountain Ave. | TEL. 970.532.5891
Berthoud CO 80513 | WEB TBGroup.us

No.	REVISION	BY	DATE

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=XX'	1"=X'	11/1/24	CS	CS	

THE VILLAGE COOPERATIVE OF ERIE
SITE PLAN
LANDSCAPE PLAN



THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION

LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M.,

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1 LOT SP-001691-2024

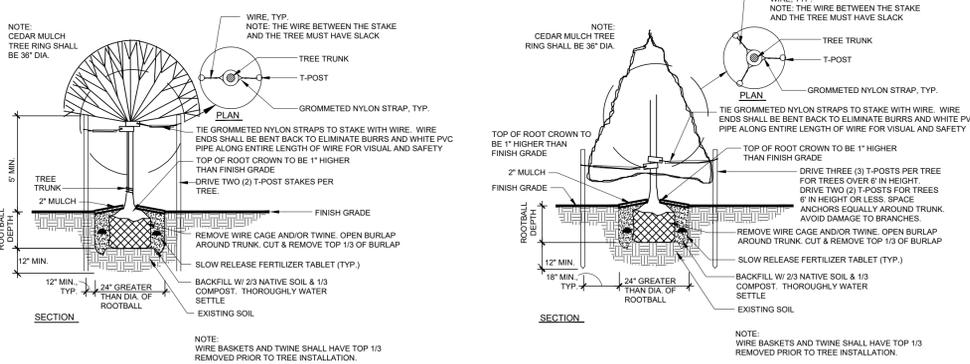
General Notes

- PROPOSED GRADES SHALL MATCH OR IMPROVE EXISTING GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING WHILE PROVIDING A SMOOTH TRANSITION BETWEEN ALL ADJACENT UNDISTURBED GRADES AND PROPOSED GRADES.
- JOB SITE TO BE KEPT CLEAN AT ALL TIMES AND CONSTRUCTION AREAS ARE TO BE MAINTAINED FOR SAFETY.
- SOILS DISTURBED ADJACENT TO WORK AREA, INCLUDING AREAS OUTSIDE OF CONSTRUCTION LIMITS, DUE TO NEW CONSTRUCTION ARE TO BE REGRADED AND SURFACE CONDITIONS REPAIRED EQUIVALENT TO THAT CONDITION PRIOR TO START OF WORK.
- PROTECT EXISTING SURFACES AND SOILS, BOTH INSIDE AND OUTSIDE OF CONSTRUCTION LIMITS, DURING CONSTRUCTION. IF GRADES, CONCRETE OR ASPHALT ARE DAMAGED DUE TO CONSTRUCTION OPERATIONS OR WEATHER, THE CONTRACTOR IS RESPONSIBLE FOR REPAIR TO THAT EQUIVALENT TO EXISTING CONDITIONS AT NO EXPENSE TO THE OWNER / TOWN.
- CONTRACTOR IS RESPONSIBLE FOR SETUP OF BARRICADES, WARNING SIGNAGE, OR OTHER PROTECTIVE DEVICES IF ANY EXCAVATIONS ARE LEFT EXPOSED AFTER ON-SITE WORK HOURS.
- THE CONTRACTOR SHALL NOT PURPOSEFULLY PROCEED WITH ANY CONSTRUCTION PER PLANS PROVIDED WHEN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT WERE NOT CONSIDERED OR CHANGED AFTER PLANS WERE SUBMITTED. CONTRACTOR SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE AND THE TOWN OF ERIE IF SITUATION ARISES AND REVISIONS ARE NECESSARY.
- THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND OTHER POLLUTANTS FROM ENTERING ANY STORM WATER, SEWER SYSTEM, OR ADJACENT WATER WAYS, ETC., DURING THE DEMOLITION OR CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE AND EXPENSE FOR THE CORRECTION OF ANY ADVERSE IMPACTS TO THE STORM WATER, SEWER SYSTEM, OR ADJACENT WATER WAYS, WETLANDS ETC., RESULTING FROM THE WORK DONE AS PART OF THIS PROJECT/CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE PRIOR TO BIDDING AND CONSTRUCTION, OF BECOMING AWARE OF ALL EXISTING AND PROPOSED UTILITIES, PIPES, STRUCTURES, ETC. CALL UNCC THREE DAYS BEFORE SCHEDULED WORK AT 811 OR 1-800-922-1987.

Landscape Notes

- LANDSCAPE AREAS SHALL BE MAINTAINED, INCLUDING MOWING, WATERING AND FERTILIZING, BY CONTRACTOR, UP TO FINAL ACCEPTANCE. AT SUCH TIME, OWNER WILL BE RESPONSIBLE FOR ALL MAINTENANCE. LANDSCAPE AND IRRIGATION WILL BE WARRANTED FOR ONE (1) FULL YEAR AFTER FINAL ACCEPTANCE.
- ANY DISCREPANCIES WITH THE DRAWINGS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR TO VERIFY ALL FIELD CONDITIONS, EASEMENTS, PROPERTY LINES, ETC. PRIOR TO STARTING WORK. SHOULD ANY DISCREPANCIES, OMISSIONS, OR ERRORS OCCUR, NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HRS. PRIOR TO ANY EXCAVATION OR PLANTING.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
 - NO TREES OR SHRUBS SHALL BE PLANTED WITHIN 10' FROM WATER AND SEWER LINES, 4' FROM GAS, TELEPHONE AND ELECTRIC UTILITY LINES.
- NO SHRUBS SHALL BE PLANTED WITHIN FIVE (5) FEET OR TREES WITHIN TEN (10) FEET OF POTABLE AND NON-POTABLE WATER METERS, FIRE HYDRANTS, SANITARY SEWER MANHOLES, OR POTABLE WATER, SANITARY SEWER, AND NON-POTABLE IRRIGATION MAINS AND SERVICES.
- MINIMUM CLEARANCE OF THREE (3) FEET ON EACH SIDE OF FIRE DEPARTMENT CONNECTION (FDC), NO VEGETATION OTHER THAN TURF OR GROUND COVERS PLANTED IN FRONT OF FDC.
- NO SUBSTANTIAL IMPEDIMENT TO VISIBILITY BETWEEN THE HEIGHTS OF THREE (3) FEET AND EIGHT(8) FEET SHALL BE CREATED OR MAINTAINED AT STREET INTERSECTIONS WITHIN SITE TRIANGLES.
- IF TREES OR SHRUBS ARE LOCATED ON TOP OF FIELD VERIFIED UTILITIES, CONTRACTOR SHALL NOTIFY OWNER BEFORE ANY DIGGING HAS COMMENCED. VERIFY WITH OWNER IF AND WHICH SHRUBS/TREES SHALL BE TAKEN OUT OF PROJECT/CONTRACT.
- TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.
- EXCAVATED MATERIAL TO BE USED AS FILL WILL HAVE ALL ROCKS, DEBRIS, WASTE MATERIAL, FROZEN MATERIAL, AND VEGETATION LARGER THAN 3" IN ANY DIMENSION REMOVED BEFORE PLACEMENT AND COMPACTION OF SOIL.
- PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AND A SMOOTH TRANSITION BETWEEN ALL ADJACENT EXISTING GRADES AND PROPOSED GRADES
- PRIOR TO FINE GRADING, SOD AREAS AND PLANTING BEDS SHALL BE THOROUGHLY LOOSEND AND TILLED TO A 6" DEPTH. REMOVE ALL UNSUITABLE TOPSOIL, INCLUDING ALL ROCKS LARGER THAN 3" IN ANY DIRECTION, ALL CONCRETE, TRASH, DEBRIS, WEEDS, ROOTS AND OTHER WASTE MATERIALS. AFTER THAT TIME, ORGANIC AMENDMENTS SHALL THEN BE THOROUGHLY TILLED AND INCORPORATED TO A MINIMUM 6" DEPTH IN THESE AREAS AT THE MINIMUM OF RATE OF 3 CU. YDS. / 1,000 SQ.FT.
- UNIFORMLY COMPACT AND FINE GRADE THESE SOD / GRASS AREAS AND PLANTING BEDS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. CUT OUT SOFT SPOTS, FILL IN LOW SPOTS AND TRIM HIGH SPOTS TO COMPLY WITH REQUIRED GRADE TOLERANCES.
- ONCE COMPACTED AND FINE GRADED, ALL ROCKS, DEBRIS, WASTE MATERIAL AND VEGETATION MATERIAL LARGER THAN 1/2" WILL BE RAKED FROM THE SURFACE AND REMOVED FROM SITE.
- SOD TO BE 100% COLORADO GROWN DURA-TURF TALL FESCUE BLEND - OR APPROVED EQUAL - SPECIFICALLY GROWN FOR LOW WATER LAWN APPLICATIONS, HAVING A HEALTHY, VIGOROUS ROOT SYSTEM. ONCE TURF IS LAID, IT SHALL BE PROPERLY ROLLED, COMPACTED AND PUSHED TOGETHER TO ELIMINATE ANY GAPS BETWEEN ROLL EDGES. APPLY FERTILIZER IN THESE AREAS PER SOD FARM'S RECOMMENDATIONS.
- ALL PLANT MATERIALS ARE SIZED AND OUTLINED IN PLANT LIST. ALL PLANTS TO BE PLANTED IN AMENDED SOIL AND STAKED AS SHOWN IN DETAILS. ALL PLANT MATERIAL SHALL MEET OR EXCEED THE CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE COLORADO NURSERY ACT FOR NUMBER ONE GRADE.
- IF PLANTS ARE IN NEED OF REPLACEMENT DUE TO DECLINING HEALTH, DISEASE, OR DEATH, THE PLANTS MUST BE REPLACED WITH THE ORIGINAL SPECIES UNLESS APPROVED BY THE TOWN.
- CHANGES IN PLANT SPECIES OR PLANT LOCATIONS FROM WHAT IS LISTED ON THE LANDSCAPE PLAN WILL REQUIRE THE APPROVAL OF THE TOWN PRIOR TO INSTALLATION OF REPLACEMENT.
- ALL TREES AND SHRUBS TO BE BALLED AND BURLAPPED, OR CONTAINERIZED.
- ALL PLANT MATERIAL SHALL HAVE ALL WIRE, TWINE, BASKETS, BURLAP, AND ALL OTHER NON-BIODEGRADABLE CONTAINMENT MATERIAL REMOVED FROM THE TRUNK AND/OR ROOT BALL OF THE PLANT, PRIOR TO PLANTING.
- ALL SHRUB BEDS SHALL HAVE MINIMUM 4" DEPTH SHREDDED CEDAR MULCH OF NATURAL COLOR AND/OR WASHED SMOOTH COBBLE. A CONTINUOUS LAYER OF TYPAR LANDSCAPE FABRIC OR APPROVED EQUAL SHALL BE INSTALLED IN ALL SHRUB BEDS WITH 6" OVERLAP AT SEAMS, WITH 4" STAPLES 6" O.C. IN ALL DIRECTIONS.
- EDGING BETWEEN GRASS TYPES AND SHRUB BEDS / ROCK COBBLE AND CRUSHER FINES SHALL BE 14-GAUGE HEAVY DUTY STEEL EDGER MIN. 1/2" x 4" WITH ROLLED TOP, AND SHALL BE SET LEVEL WITH THE TOP OF THE ADJACENT SOD.

Planting Details



DECIDUOUS TREE PLANTING DETAIL

CONIFER TREE PLANTING DETAIL

Plant Schedule

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	WIDTH	REMARKS
DECIDUOUS TREES						
	2	Catalpa speciosa Western Catalpa	2.0" cal. BB	50'	40'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	3	Celtis occidentalis Western Hackberry	2.0" cal. BB	60'	50'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	2	Gleditsia triacanthos inermis 'Shademaster' Shademaster Honeylocust	2.0" cal. BB	50'	40'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	2	Gymnocladus dioica 'Espresso' Seedless Kentucky Coffeetree	2.0" cal. BB	60'	50'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	6	Quercus robur English Oak	2.0" cal. BB	60'	40'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
EVERGREEN TREES						
	6	Picea pungens 'Bakeri' Bakeri Spruce	6' B&B	40'	20'	FULL SPECIMEN, EVENLY AND WELL BRANCHED WITH STRAIGHT TRUNK & CENTRAL LEADER
	7	Pinus heldreichii leucodermis Bosnian Pine	6' B&B	25'	12'	FULL SPECIMEN, EVENLY AND WELL BRANCHED WITH STRAIGHT TRUNK AND CENTRAL LEADER
	5	Pinus ponderosa Ponderosa Pine	6' B&B	80'	40'	FULL SPECIMEN, EVENLY AND WELL BRANCHED WITH STRAIGHT TRUNK AND CENTRAL LEADER
ORNAMENTAL TREES						
	1	Acer ginnala 'Flame' Amur Maple	1.5" cal. BB	20'	20'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	3	Crataegus crus-galli inermis Thornless Cockspur Hawthorn	1.5" cal. BB	25'	20'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	4	Pyrus calleryana 'Chanticleer' Chanticleer Pear	1.5" cal. BB	35'	20'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER
	3	Syringa reticulata Japanese Tree Lilac	1.5" cal. BB	25'	20'	WELL BRANCHED W/ STRAIGHT TRUNK & CENTRAL LEADER

Irrigation Notes

- IRRIGATION CONTRACTOR SHALL VERIFY AVAILABLE P.S.I. AND GPM. THIS SYSTEM SHALL THEN BE VERIFIED TO MEET THE AVAILABLE P.S.I. AND GPM FOR THE PROPOSED IRRIGATION SYSTEM. IF NECESSARY, CONTACT THE WATER DEPARTMENT PRIOR TO BEGINNING DESIGN TO OBTAIN AVAILABLE PRESSURES.
- ALL INDICATED SOD GRASS AREAS ARE TO BE IRRIGATED BY A PERMANENT UNDERGROUND AUTOMATIC IRRIGATION SYSTEM. TURF AREAS LESS THAN 25 FEET IN WIDTH ARE TO BE IRRIGATED WITH POP-UP SPRAY HEADS AND AREAS GREATER THAN 25 FEET SHALL USE A ROTOR POP-UP SPRAY SYSTEM.
- AUTOMATIC IRRIGATION SYSTEM SHALL BE EQUIPPED WITH AN AUTOMATIC RAIN DETECTION DEVICE.
- ALL TREES, SHRUBS AND PERENNIALS OUTSIDE OF IRRIGATED SOD AREAS, ARE TO BE IRRIGATED WITH A PERMANENT DRIP IRRIGATION SYSTEM.
- IRRIGATION SYSTEM WITH RAIN SENSOR WILL BE ADJUSTED TO A LOW WATER REQUIREMENT, BASED ON THE NEEDS OF SELECTED PLANT MATERIAL.
- QUICK COUPLERS SHALL BE PROVIDED AT EACH POINT OF CONNECTION AND AT REGULAR SPACING ALONG THE IRRIGATION MAINLINE. SPACING OF QUICK COUPLERS SHALL NOT EXCEED 200 FEET. LOCATE QUICK COUPLING VALVE AT A POINT OF EASY ACCESS.
- FINAL LOCATION OF IRRIGATION HEADS MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING. HEAD LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH EXISTING SITE CONDITIONS AND PLANT MATERIAL.
- ALL IRRIGATION TRENCHES SHALL BE PROPERLY WATERED AND COMPACTED TO AVOID FUTURE SETTLING. ANY SETTLING DURING WARRANTY PERIOD WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- COORDINATE ALL IRRIGATION WORK WITH EXISTING UTILITIES AND RESPECTIVE TRADES.
- ALL IRRIGATION SLEEVING SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. IRRIGATION CONTRACTOR SHALL COORDINATE SLEEVING LOCATIONS WITH GENERAL CONTRACTOR. ALL IRRIGATION SLEEVING TO BE STAKED IN THE FIELD OR LOCATED ON DIMENSIONED "AS-BUILT" DRAWING BY THE GENERAL CONTRACTOR TO ALLOW FUTURE USE AND LOCATION.

DECIDUOUS SHRUBS									
	13	Arcostaphylos x coloradensis Panchito Manzanita	1 gal.	15"	3'	6" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	18	Aronia arbutifolia 'Erecta' Upright Red Chokeberry	5 gal.	7"	4'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	18	Caryopteris x clandonensis 'Blue Mist' Blue Mist Bluebeard	5 gal.	4"	4'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	9	Perovskia atriplicifolia 'Little Spire' TM Little Spire Russian Sage	5 gal.	3"	3'	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	20	Philadelphus microphyllus Littleleaf Mockorange	5 gal.	3"	3'	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	20	Physocarpus monogynus Mountain Ninebark	5 gal.	4"	4'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	15	Prunus besseyi 'Pawnee Buttes' Creeping Western Sand Cherry	5 gal.	2"	5'	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	26	Prunus x cistena Purple Leaf Plum	5 gal.	6"	6'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	8	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal.	1.5'	6'	8" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	25	Ribes aureum Golden Currant	5 gal.	5"	5'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	50	Spiraea japonica 'Neon Flash' Neon Flash Japanese Spirea	5 gal.	3"	3'	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	25	Syringa patula 'Miss Kim' Miss Kim Lilac	5 gal.	5"	5'	24" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
EVERGREEN SHRUBS									
	12	Juniperus communis 'Alpine Carpet' Alpine Carpet Juniper	5 gal.	1'	6"	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	6	Picea abies 'Nidiformis' Bird's Nest Norway Spruce	5 gal.	4"	6"	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
	22	Pinus sylvestris 'Hillside Creeper' Hillside Creeper Pine	5 gal.	2.5'	8"	12" (h) FULL SPECIMEN, EVENLY AND WELL BRANCHED			
GRASSES									
	28	Bouteloua gracilis 'Blonde Ambition' Blonde Ambition Blue Grama	1 gal.	2"	2"	WELL ROOTED AND ESTABLISHED			
	40	Miscanthus sinensis 'Purpureoscens' Flame (Purple Maiden) Grass	1 gal.	4"	3'	WELL ROOTED AND ESTABLISHED			
	65	Sorghastrum nutans Indian Grass	1 gal.	5"	2.5'	WELL ROOTED AND ESTABLISHED			
PERENNIALS									
	7	Achillea x 'Moonshine' Moonshine Yarrow	1 gal.	2.5"	2'	WELL ROOTED AND ESTABLISHED			
	13	Aster x frikartii 'Monch' Monch Frikart's Aster	1 gal.	3"	3'	WELL ROOTED AND ESTABLISHED			
	9	Centranthus ruber 'Roseus' Pink Valerian	1 gal.	2"	2.5'	WELL ROOTED AND ESTABLISHED			
	30	Nepeta mussinii 'Walker's Low' Walker's Low Catmint	1 gal.	1.5"	2'	WELL ROOTED AND ESTABLISHED			
	12	Rudbeckia hirta fulgida Black-eyed Susan	1 gal.	2"	2'	WELL ROOTED AND ESTABLISHED			

NOTE: IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN GRAPHIC AND THE LANDSCAPE LEGEND, THE PLANT MATERIAL QUANTITY AS DETERMINED BY THE PLAN GRAPHIC SHALL TAKE PRECEDENCE.

Native Seed Mix

LOW GROW NATIVE MIX:

- SEED SHALL BE AS MANUFACTURED BY PAWNEE BUTTES SEED INC., 605 25TH STREET, GREELEY CO 80632, (970) 356-7002
- SEED SHALL BE A MIXTURE THAT MATCHES THE FOLLOWING:

COMMON NAME	SCIENTIFIC NAME	PERCENTAGE
ARIZONA FESCUE	FESTUCA ARIZONICA	25%
ROCKY MOUNTAIN FESCUE	FESTUCA SAXIMONTANA	25%
SANDBERG BLUEGRASS	POA SECUNDA	50%

SEEDING RATE: 5 LBS/1,000 SF

- NATIVE SEED AREAS: ADEQUATE TEMPORARY IRRIGATION WILL BE PROVIDED FOR THE ESTABLISHMENT AND MAINTENANCE FOR THESE SEEDED AREAS, AND THAT NATIVE GRASSES SHALL BE MAINTAINED IN A CONDITION OF ACCEPTABLE HEIGHT, FREE OF WEEDS, TRASH AND DEBRIS, AND SHALL NOT REPRESENT A FIRE HAZARD NOR BECOME A NUISANCE SITE FOR WATER OR WIND EROSION.
- PREPARE SOIL AS NECESSARY AND APPROPRIATE FOR NATIVE SEED MIX SPECIES THROUGH AERATION AND ADDITION OF AMENDMENTS IF NECESSARY THEN SEED IN TWO DIRECTIONS TO DISTRIBUTE SEED EVENLY OVER ENTIRE AREA.
- IF CHANGES ARE TO BE MADE TO SEED MIX BASED ON SITE CONDITIONS THEN APPROVAL MUST BE PROVIDED BY CITY ENVIRONMENTAL PLANNER.
- APPROPRIATE NATIVE SEEDING EQUIPMENT WILL BE USED (STANDARD TURF SEEDING EQUIPMENT OR AGRICULTURE EQUIPMENT SHALL NOT BE USED).
- DRILL SEED APPLICATION RECOMMENDED PER SPECIFIED APPLICATION RATE TO NO MORE THAN 1/2 INCH DEPTH. FOR BROADCAST SEEDING INSTEAD OF DRILL SEEDING METHOD - DOUBLE SPECIFIED APPLICATION REFER TO NATIVE SEED MIX TABLE FOR SPECIES, PERCENTAGES AND APPLICATION RATES.
- TREAT NATIVE SEED MIX AREA PRIOR TO INSTALLATION OF SEED WITH APPROPRIATE HERBICIDE TO PROACTIVELY MITIGATE HERBACEOUS WEED SPECIES GROWTH DURING ESTABLISHMENT PERIOD THEN AFTER APPROPRIATE TIME PERIOD APPLY NATIVE SEED AS CALLED FOR ON APPROVED PLANS.
- AFTER SEEDING THE AREA SHALL BE COVERED WITH CRIMPED WEED FREE STRAW OR OTHER APPROPRIATE METHODS AND PROVIDED TEMPORARY IRRIGATION UNTIL SEED IS ESTABLISHED.
- CONTRACTOR SHALL MONITOR SEEDED AREA FOR PROPER IRRIGATION, EROSION CONTROL, GERMINATION AND RESEEDING AS NEEDED TO ESTABLISH COVER.
- THE APPROVED SEED MIX AREA IS INTENDED TO BE MAINTAINED IN A NATURAL-LIKE LANDSCAPE AESTHETIC. IF AND WHEN MOWING OCCURS IN NATIVE GRASS SEED MIX AREAS DO NOT MOW LOWER THAN 6-8 INCHES IN HEIGHT TO AVOID INHIBITING NATIVE PLANT GROWTH.
- NATIVE SEED AREA WILL BE CONSIDERED ESTABLISHED WHEN SEVENTY-PERCENT TOTAL COVER IS REACHED WITH NO LARGER THAN ONE FOOT SQUARE BARE SPOTS AND/OR UNTIL DEEMED ESTABLISHED BY CITY PLANNING SERVICES.

MULCH IN ALL NATIVE SEED AREAS:

- IMMEDIATELY FOLLOWING THE RAKING OPERATION, ADD WEED FREE STRAW MULCH TO THE SEEDED AREAS.
- APPLY STRAW MULCH AT A MINIMUM OF 1.5 TONS PER ACRE OF AIR DRY MATERIAL. SPREAD STRAW MULCH UNIFORMLY OVER THE AREA WITH MECHANICAL MULCH SPREADER / CRIMPER. DO NOT MULCH WHEN WIND VELOCITY EXCEEDS 10 MPH.
- WHEREVER THE USE OF CRIMPING EQUIPMENT IS PRACTICAL, PLACE MULCH IN THE MANNER NOTED ABOVE AND ANCHOR IT INTO THE SOIL. USE A DISC SUCH AS A MULCH TILLER, WITH A FLAT SEPARATED DISC AT LEAST 1/2 INCH IN THICKNESS, HAVING DULL EDGES, AND SPACE NO MORE THAN 9 INCHES APART, WITH DISCS OF SUFFICIENT DIAMETER TO PREVENT THE FRAME OF THE EQUIPMENT FROM DRAGGING THE MULCH. ANCHOR MULCH A MINIMUM DEPTH OF 2 INCHES AND ACROSS THE SLOPE WHERE PRACTICAL, WITH NO MORE THAN TWO PASSES OF THE ANCHORING EQUIPMENT.
- IMMEDIATELY UPON COMPLETION OF THE MULCHING AND BINDING OPERATION, THE SEEDED AREAS SHALL BE IRRIGATED, KEEPING THE TOP 2 INCHES OF SOIL EVENLY MOIST UNTIL SEED HAS UNIFORMLY GERMINATED AND GROWN TO A HEIGHT OF 2-INCHES.
- WATERING APPLICATION SHALL BE DONE IN A MANNER WHICH WILL PROVIDE UNIFORM COVERAGE BUT WHICH WILL NOT CAUSE EROSION, MOVEMENT, OR DAMAGE TO THE FINISHED SURFACE.

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR THE VILLAGE COOPERATIVE OF ERIE
1303 CORPORATE CENTER DRIVE
SUITE 400
EACAN, MN 55121
AUSTIN ALLEN
720-308-1890

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BY DATE

No. REVISION

H-SCALE 1"=XX'
V-SCALE 1"=X'
DATE 11/17/24
DESIGNED BY CS
DRAWN BY CS
CHECKED BY

THE VILLAGE COOPERATIVE OF ERIE
SITE PLAN
LANDSCAPE NOTES & DETAILS

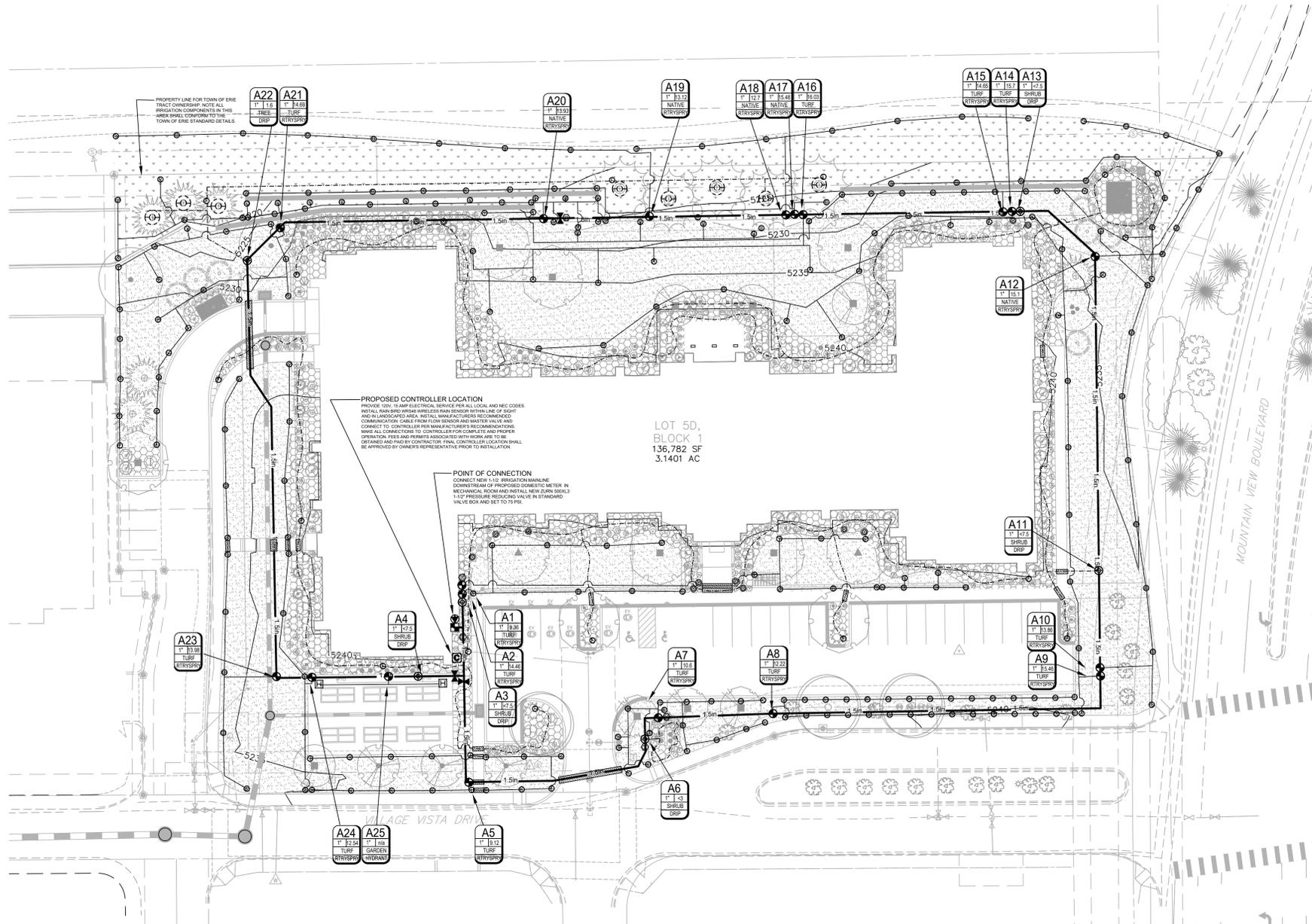


THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION

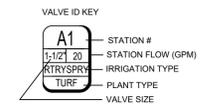
LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

1 LOT SP-001691-2024



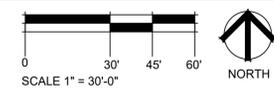
IRRIGATION LEGEND

Symbol	Description	Detail
NOT SHOWN	RAIN BIRD XERI-BUG 1 GPH EMITTER	KJIR3
○	HUNTER MP ROTATOR MP CORNER (TURQUOISE) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP LEFT STRIP (IVORY) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP SIDE STRIP (BROWN) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP800 180 DEG (ORANGE/GRAY) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP815 180 DEG (MAROON/GRAY) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP815 360 DEG (OLIVE/GRAY) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP2000 180 DEG (BLACK) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP2000 360 DEG (RED) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP3000 180 DEG (BLUE) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER MP ROTATOR MP3000 360 DEG (GRAY) - HUNTER PROS-06-PRS40-CV 6" POP UP SPRINKLER ASSEMBLY	FIG-IR2
○	HUNTER HQ-SRC 1" QUICK COUPLING VALVE ASSEMBLY	ER2
○	HUNTER ICV SERIES REMOTE CONTROL VALVE ASSEMBLY - SIZE AS INDICATED ON PLANS	BI/R2
○	HUNTER ICV-101G-AS DRIP 1" PRESSURE REGULATING DRIP REMOTE CONTROL VALVE ASSEMBLY	C/R2
○	ZURN-WILKINS 37XLB 1-1/2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY INCLUDES HUNTER ICV-151G 1-1/2" MASTER VALVE AND WEATHERTRAK WFLOWHD-P-150 FLOW SENSOR	AIR2
○	WEATHERTRAK WTRPROS-C-10048-CV-MAX 2-WIRE WALL MOUNT CONTROLLER WITH RAIN BIRD WRS-48 WIRELESS RAIN SENSOR	H/R3
○	NIBCO T-29-K 1-1/2" BRONZE GATE ISOLATION VALVE ASSEMBLY	DIR2
○	ZURN 500X3 1-1/2" PRESSURE REGULATING VALVE	W/R3
○	MANUAL DRIP LINE FLUSH VALVE AND ZONE OPERATION INDICATOR ASSEMBLY	J/R3
○	DRIP ZONE OPERATION INDICATOR ASSEMBLY	J/R3
---	1" 80# POLYETHYLENE DRIP HEADER TUBING	
---	1" CL200 PVC SOLVENT WELD LATERAL PIPE - 18" BURY	
---	2" CL200 PVC SOLVENT WELD MAINLINE PIPE - 24" BURY	
---	CL200 PVC SLEEVE PIPE - SIZE AS INDICATE IN NOTES	



- IRRIGATION NOTES**
- IRRIGATION SYSTEM DESIGNED FOR A MAXIMUM FLOW RATE OF 28 GPM AND 50 PSI DYNAMIC PRESSURE. STATIC PRESSURE ON SITE HAS BEEN CONFIRMED AT 150 PSI. CONTRACTOR SHALL INSTALL NEW ZURN 500X3 1-1/2" PRESSURE REDUCING VALVE IN STANDARD VALVE BOX IMMEDIATELY DOWNSTREAM OF THE IRRIGATION METER AND SET TO 75 PSI DOWNSTREAM PRESSURE.
 - THIS SYSTEM IS DESIGNED TO UTILIZE ET DATA FROM THE WEATHERTRAK WEATHER SERVICE FOR AUTOMATED WEATHER BASED SCHEDULING. THE CONTROL SYSTEM WILL BE CONNECTED TO THE CENTRAL SYSTEM TO UTILIZE FLOW MANAGEMENT AND WEB BASED CONTROL.
 - CONTRACTOR SHALL INSTALL HUNTER ICV-151G 1-1/2" MASTER VALVE AND WEATHERTRAK WFLOWHD-P-150 FLOW SENSOR DOWNSTREAM OF BACKFLOW DEVICE AND RUN MANUFACTURER RECOMMENDED COMMUNICATION WIRE TO CONTROLLER AND MAKE ALL NECESSARY CONNECTIONS FOR PROPER OPERATION.
 - ALL PIPING AND WIRING THAT CROSSES UNDER ANY HARDSCAPE SHALL BE INSTALLED IN CL200 PVC SLEEVES REGARDLESS IF SLEEVE SYMBOL IS INDICATED N THE PLANS. HDPE SLEEVE MAY BE USED IN BORING APPLICATIONS. ALL SLEEVE PIPE SHALL BE CLASS 200 PVC AND SIZED AS FOLLOWS:
 - ALL CLASS 200 PVC MAINLINE - ONE 4" DIAMETER CL 200 PVC SLEEVE
 - ALL CLASS 200 PVC SPRINKLER LATERAL PIPE - ONE 3" DIAMETER CL 200 PVC SLEEVE
 - 1" DRIP HEADER LINE - ONE 3" DIAMETER CL 200 PVC SLEEVE
 - ALL SLEEVE PIPE OPENINGS SHALL BE DOUBLE WRAPPED WITH 6 MIL POLYETHYLENE PLASTIC AND SECURED USING WIRE "ZIP" TIES AROUND SLEEVE AND PIPE.
 - MINIMUM PIPE SIZE SHALL BE 1" DIAMETER UNLESS OTHERWISE NOTED ON PLAN.
 - CONTRACTOR SHALL PROVIDE 120 VOLT 15 AMP ELECTRICAL SERVICE TO CONTROLLER LOCATION. ALL ELECTRICAL WORK SHALL BE IN COMPLIANCE WITH N.E.C. AND ALL LOCAL CODES.
 - ACTUAL CONTROLLER LOCATION SHALL BE DETERMINED IN THE FIELD BY OWNERS REPRESENTATIVE.
 - CONTRACTOR SHALL PROVIDE AND INSTALL WIRELESS RAINFREEZE SENSOR AT CONTROLLER LOCATION AND INSTALL WITH CLEAR ACCESS AND NO OBSTRUCTIONS.
 - DRIP HEADER LINES SHOWN ON PLANS INDICATE PROXIMITY OF DRIP ZONES. ALL TREES AND SHRUBS IN NATIVE SEEDING AREAS SHALL HAVE DRIP RINGS FOR TREES (24" SPACING) AND 18" GRID LAYOUTS OR INDIVIDUAL EMITTER LOCATIONS FOR ALL SHRUBS. EMITTER LOCATIONS AND DISTRIBUTION TUBING NOT SHOWN ON PLANS FOR GRAPHICAL AND CLARITY PURPOSES. ZONES ARE DESIGNED TO ACCOMMODATE 5 GPM NOT TO EXCEED 10 GPM USING RAIN BIRD PRESSURE COMPENSATING XERI-BUG 1.0 GPH EMITTERS (NOT TO EXCEED 400 EMITTERS PER ZONE)
 - DRIP EMITTERS SHALL BE PRESSURE COMPENSATING TYPE. DRIP EMITTER LOCATIONS ARE NOT SHOWN ON PLAN FOR GRAPHICAL PURPOSES. EMITTERS SHALL BE INSTALLED PER THE FOLLOWING QUANTITIES:
 - #2 CONTAINER = TWO 1.0 GPH EMITTER
 - #5 CONTAINER = THREE 1.0 GPH EMITTERS
 - 2" CALIPER TREE & LARGER = DUAL LOOP DRIP LINE, 0.6 GPH @ 24" SPACING, 32" INNER LOOP (4 EMITTERS) AND 60" OUTER LOOP (8 EMITTERS)
 - ALL PIPING AND VALVE ASSEMBLIES SHALL BE LOCATED IN NATIVE OR SHRUB BED AREAS WHERE POSSIBLE. LOCATIONS SHOWN ARE DIAGRAMMATIC AND ARE FOR CLARITY PURPOSES ONLY.
 - REMOTE CONTROL VALVES FOR TURF SHALL BE INSTALLED IN ADJACENT SHRUB BEDS OR WITHIN 2LF OF WALKWAYS AND CURBS OR IN TURF AREAS NOT CONTROLLED BY VALVE IN QUESTION.
 - ANY QUANTITIES SHOWN ON PLAN ARE ESTIMATED QUANTITIES ONLY. FIELD CONDITIONS MAY VARY AND MAY ALTER ACTUAL QUANTITIES. CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR TO INSTALLATION.
 - ALL SPRINKLER NOZZLES SHALL BE ADJUSTED FOR OPTIMUM COVERAGE AND MINIMUM OVERSPRAY.
 - REMOTE CONTROL VALVES SHALL BE INSTALLED PER DETAILED DRAWINGS AND SHALL HAVE ONE CONTROL VALVE PER VALVE BOX.
 - BACK FLOW PREVENTION SHALL BE INSTALLED TO MEET ALL LOCAL CODES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
 - ALL TRENCHES SHALL BE BACKFILLED IN 6" LIFTS OF CLEAN SOIL FREE OF ROCKS AND RUBBISH AND COMPACTED TO 95% PROCTOR DENSITY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
 - CARE SHALL BE TAKEN TO ENSURE THAT NO SOIL OR DEBRIS ENTERS THE PIPE DURING INSTALLATION.
 - ALL PIPE ENDS SHALL BE PROPERLY CLEANED AND SHALL BE FREE OF ANY BURRS AND/OR SHAVINGS AS A RESULT OF THE PIPE BEING CUT.
 - ALL LINES SHALL BE THOROUGHLY FLUSHED PRIOR TO INSTALLATION OF NOZZLES.

Irrigation Plan



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEER APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

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BY	DATE	NO.	REVISION

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=XX'	1"=X'	11/1/24	CS	CS	

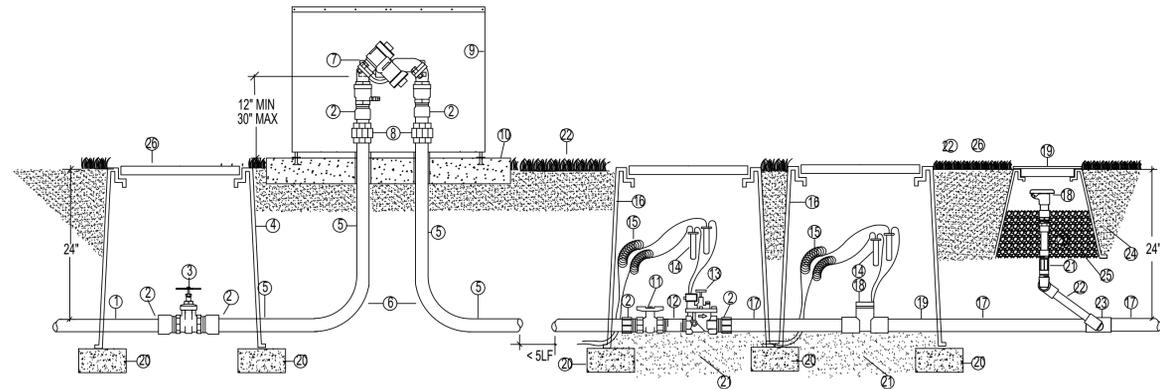
THE VILLAGE COOPERATIVE OF ERIE
SITE PLAN
SHEET 8 OF 15
JOB NO. 16162.00



THE VILLAGE COOPERATIVE OF ERIE

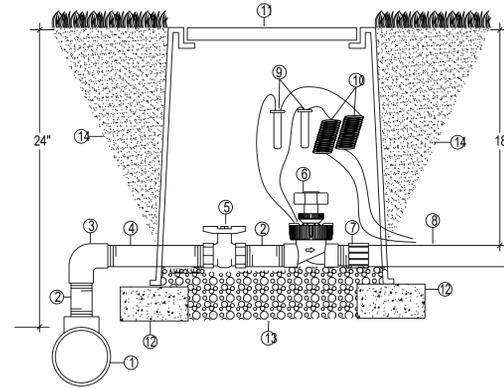
**A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION
LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M.,
TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO**

**1 LOT
SP-001691-2024**



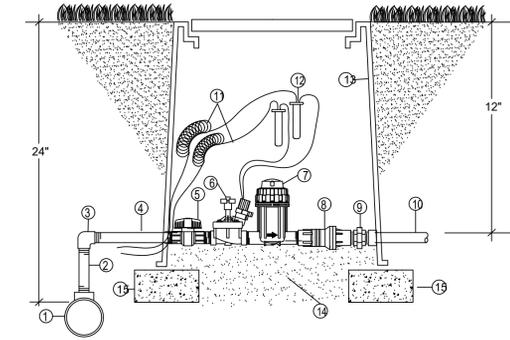
- 1 IRRIGATION SERVICE LINE FROM METER
- 2 MALE ADAPTER
- 3 MCDONALD 5420 STOP & WASTE VALVE
- 4 CARSON 1419 VALVE BOX W/ LID
- 5 TYPE K SOFT COPPER - LENGTH AS REQ'D
- 6 18" RADIUS BEND
- 7 BACKFLOW PREVENTER (SEE LEGEND)
- 8 BRASS UNION
- 9 STRONG BOX SBBC-40ALHPI INSULATED ENCLOSURE
- 10 3000 PSI POURED IN PLACE CONCRETE PAD
- 11 LASCO COLONIAL 235 PSI COMPACT PVC BALL VALVE
- 12 SCH 80 PVC NIPPLE TBE - 4" LENGTH
- 13 REMOTE CONTROL MASTER VALVE (SEE LEGEND)
- 14 3M DBY CONNECTOR
- 15 EXPANSION LOOPS - 36" MINIMUM
- 16 CARSON 1419 VALVE BOX W/ LID
- 17 MAINLINE PIPE (SEE LEGEND) LENGTH = 10X PIPE DIA MIN
- 18 FLOW SENSOR (SEE LEGEND)
- 19 MAINLINE PIPE (SEE LEGEND)
- 20 WASHED PEA GRAVEL - 2 CF MINIMUM
- 21 CLEAN COMPACTED BACKFILL
- 22 FINISH GRADE

A BACKFLOW PREVENTION ASSEMBLY WITH ENCLOSURE WITH MASTER VALVE, FLOW SENSOR, AND QUICK COUPLER NTS



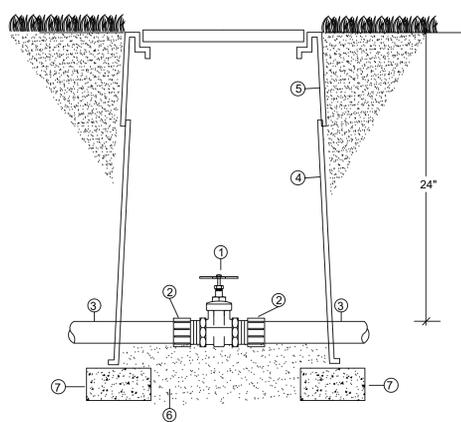
- 1 MAINLINE FITTING
- 2 SCH 80 PVC NIPPLE - TBE 4" LENGTH
- 3 SCH 80 PVC THREADED 90 DEG ELBOW
- 4 SCH 80 PVC NIPPLE - TBE 18" LENGTH
- 5 SCH 80 PVC THREADED BALL VALVE
- 6 REMOTE CONTROL VALVE (SEE LEGEND)
- 7 REMOTE CONTROL VALVE (SEE LEGEND)
- 8 SCH 80 PVC MALE ADAPTER
- 9 LATERAL PIPING (SEE LEGEND)
- 10 3M DBY WATER TIGHT CONNECTOR
- 11 36" WIRE EXPANSION LOOPS
- 12 CARSON / BROOKS 1418 VALVE BOX
- 13 CMU SUPPORT BLOCK
- 14 2 CUBIC FT WASHED PEA GRAVEL
- 15 CLEAN AND COMPACTED BACKFILL

B REMOTE CONTROL VALVE ASSEMBLY WITH BALL VALVE ISOLATION NTS



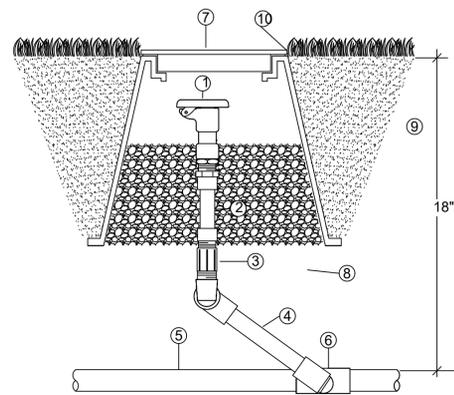
- 1 MAINLINE FITTING
- 2 SCH 80 PVC THREADED NIPPLE - 10" LENGTH
- 3 SCH 80 PVC THREADED ELBOW
- 4 SCH 80 PVC THREADED NIPPLE - 12" LENGTH
- 5 PVC BALL VALVE
- 6 REMOTE CONTROL VALVE (SEE LEGEND)
- 7 BASKET FILTER
- 8 PRESSURE REGULATOR
- 9 SCH. 80 PVC THREADED UNION
- 10 LATERAL PIPE (SEE LEGEND)
- 11 EXPANSION LOOPS - 36" MINIMUM
- 12 3-M DBY CONNECTOR
- 13 CARSON 1419 VALVE BOX W/ LID (EXTENSIONS AS REQUIRED)
- 14 WASHED PEA GRAVEL - 2 CF MINIMUM
- 15 4" X 8" X 16" CONCRETE BLOCK SUPPORT

C REMOTE CONTROL DRIP VALVE ASSY. W/ FILTER & REGULATOR NTS



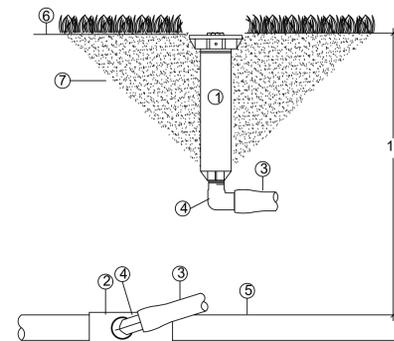
- 1 GATE VALVE (SEE LEGEND)
- 2 SCH. 80 PVC MALE ADAPTER
- 3 MAINLINE PIPE (SEE LEGEND)
- 4 CARSON 1419 VALVE BOX W/ LID
- 5 VALVE BOX EXTENSIONS (AS REQUIRED)
- 6 WASHED PEA GRAVEL - 2 CF MINIMUM
- 7 4" X 8" X 16" CONCRETE BLOCK SUPPORT

D MAINLINE ISOLATION VALVE ASSEMBLY THREADED - 2-1/2" AND SMALLER N.T.S.



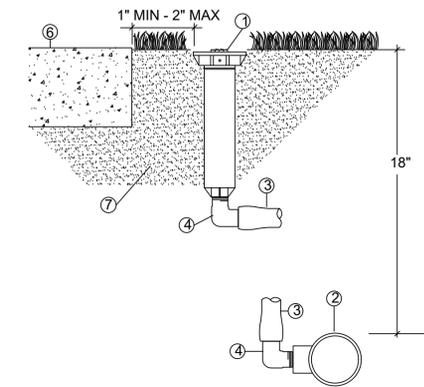
- 1 QUICK COUPLING VALVE(SEE LEGEND)
- 2 EXCALIBUR 1" X 6" FLEX NIPPLE
- 3 SCH 80 PVC THREADED COUPLING
- 4 LASCO G172-212 UNITIZED SWING JOINT
- 5 LATERAL PIPE (SEE LEGEND)
- 6 SCH 40 PVC LATERAL FITTING
- 7 CARSON 910 10" ROUND VALVE BOX
- 8 WASHED PEA GRAVEL - 1 CF MINIMUM
- 9 CLEAN COMPACTED BACKFILL
- 10 FINISH GRADE

E QUICK COUPLING VALVE ASSEMBLY 1" INLET NTS



- 1 SPRINKLER HEAD (SEE LEGEND)
- 2 SCH 40 PVC LATERAL FITTING
- 3 SWING PIPE / FUNNY PIPE
- 4 MARLEX BARBED FITTING
- 5 PVC LATERAL PIPE (SEE LEGEND)
- 6 FINISH GRADE
- 7 CLEAN COMPACTED BACKFILL

F POP UP SPRAY SPRINKLER ASSEMBLY W/ SWING PIPE NTS



- 1 SPRINKLER HEAD (SEE LEGEND)
- 2 SCH 40 PVC LATERAL FITTING
- 3 SWING PIPE/FUNNY PIPE
- 4 MARLEX BARBED FITTING
- 5 PVC LATERAL PIPE (SEE LEGEND)
- 6 CONCRETE OR ASPHALT HARDSCAPE
- 7 CLEAN COMPACTED BACKFILL

G POP UP SPRAY SPRINKLER ASSEMBLY W/ SWING PIPE NTS

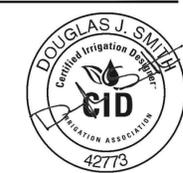
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PREPARED FOR THE VILLAGE COOPERATIVE OF ERIE 1303 CORPORATE CENTER DRIVE SUITE 400 EACAN, MN 55121 AUSTIN ALLEN 720-308-1890

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					11/1/24	CS	CS							

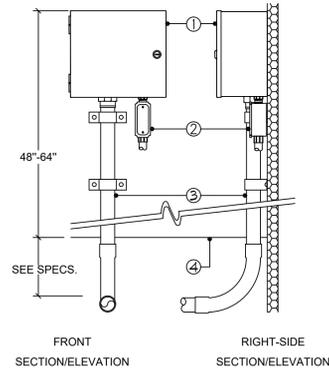
THE VILLAGE COOPERATIVE OF ERIE
SITE PLAN



THE VILLAGE COOPERATIVE OF ERIE

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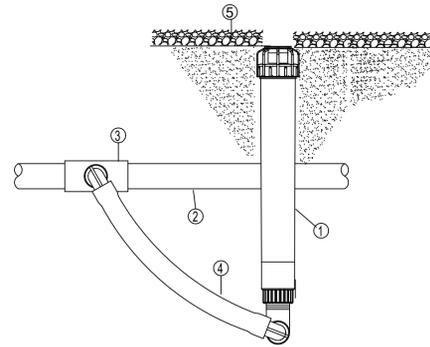
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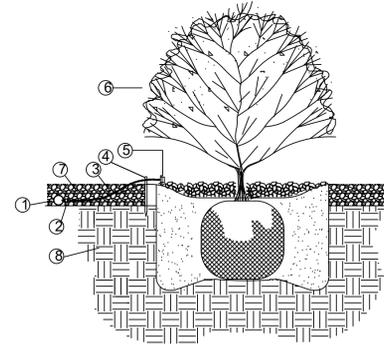
- ① AUTOMATIC CONTROLLER (SEE LEGEND)
- ② 1/2" UL APPROVED CONDUIT FOR 120V POWER
- ③ 2" UL APPROVED CONDUIT FOR 24V CONTROL WIRES
- ④ FINISH GRADE

NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO ALL LOCAL AND NATIONAL CODES.

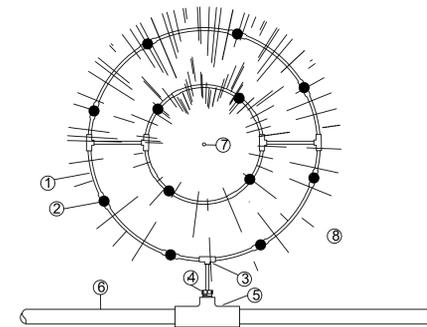
SECURELY FASTEN TO WALL USING APPROPRIATE MOUNTING HARDWARE AND METHOD.



- ① HUNTER ECO-ID DRIP SYSTEM INDICATOR
- ② POLY/PVC DRIPLINE (SEE LEGEND)
- ③ DRIPLINE FITTING
- ④ SWING PIPE/FUNNY PIPE/FLEX PIPE
- ⑤ FINISH GRADE

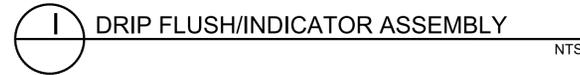


- ① POLYETHYLENE DRIPLINE TUBING
- ② TRANSFER BARB
- ③ 1/4" DISTRIBUTION TUBING
- ④ 1/4" TUBING STAKE
- ⑤ DRIP EMITTER - SEE IRRIGATION LEGEND / NOTES
- ⑥ TYPICAL PLANTING DETAIL - FOR REFERENCE ONLY. (SEE PLANTING PLANS)
- ⑦ MULCH - FOR REFERENCE ONLY (SEE PLANTING PLANS)
- ⑧ UNDISTURBED EARTH/COMPACTED BACKFILL - FOR REFERENCE ONLY (SEE PLANTING PLANS)



- ① 1/2" POLYETHYLENE DRIPLINE TUBING (36" DIAMETER INNER RING; 72" DIAMETER OUTER RING)
- ② 1 GPH PRESSURE COMPENSATING DRIP EMITTER (TYP)
- ③ COMPRESSION FITTING -TEE
- ④ 1/2" MIPT X INSERT MALE ADAPTER
- ⑤ 1" X 1/2" REDUCING TEE
- ⑥ LATERAL DRIP FEEDER LINE
- ⑦ CENTER OF TREE OR SHRUB
- ⑧ CANOPY EDGE OF TREE OR SHRUB

NOTE: SINGLE LOOP SHALL BE 48" DIAMETER WITH SIX 1 GPH EMITTERS



CONTROLLER CHART

Note: This system is intended to be operated by a web based central control system and is designed to accommodate ET data downloads for automated station scheduling adjustments base on actual weather conditions. This table is provided as a guideline only. Seasonal and micro climate conditions will alter actual station run times and irrigation frequency. This table is not intended for use as a grow in schedule. The control system is designed to operate multiple zones simultaneously to utilize the maximum flow capacity of the POC to reduce the overall water window. This system is not intended to irrigate all zones every day. To reduce the daily water window, consider irrigating turf zones on a M,W,F schedule, and Shrubs/Trees on a Th,Su schedule.

P.O.C. #	Controller ID	Station #	Plant Material Type	Plant Factor	Irrigation Type	Head/Nozzle Model	Recommended Operating Pressure	PR (in/hr)	Zone Flow (GPM)	Run Time per irrigation (min)	# of irrigation days per wk	Cycles	Peak weekly RT (min)	Est. Usage (gal/wk)
1	A	1	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	9.4	56	4	2	225	2,106
1	A	2	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	14.4	56	4	2	225	3,240
1	A	3	Shrubs	0.50	Drip	Rain Bird XB10PC Emmitter	40 psi	0.24	7.5	94	2	2	188	1,406
1	A	4	Shrubs	0.50	Drip	Rain Bird XB10PC Emmitter	40 psi	0.80	7.5	28	2	4	56	422
1	A	5	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.80	9.1	28	4	4	113	1,026
1	A	6	Shrubs	0.50	Drip	Rain Bird XB10PC Emmitter	40 psi	0.24	7.5	94	2	2	188	1,406
1	A	7	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	10.7	56	4	2	225	2,399
1	A	8	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	12.2	56	4	2	225	2,750
1	A	9	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	15.5	56	4	2	225	3,479
1	A	10	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	13.8	56	4	2	225	3,105
1	A	11	Shrubs	0.50	Drip	Rain Bird XB10PC Emmitter	40 psi	0.24	7.5	94	2	2	188	1,406
1	A	12	Native	0.50	Rotary Spray	Hunter PRO-S-12-PRS40-CV-MP Rotator	40 psi	0.40	15.1	56	2	2	113	1,699
1	A	13	Shrubs	0.50	Drip	Rain Bird XB10PC Emmitter	40 psi	0.24	7.5	94	2	2	188	1,406
1	A	14	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	15.7	56	4	2	225	3,533
1	A	15	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	14.7	56	4	2	225	3,296
1	A	16	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	16.0	56	4	2	225	3,607
1	A	17	Native	0.50	Rotary Spray	Hunter PRO-S-12-PRS40-CV-MP Rotator	40 psi	0.40	15.5	56	2	2	113	1,742
1	A	18	Native	0.50	Rotary Spray	Hunter PRO-S-12-PRS40-CV-MP Rotator	40 psi	0.40	12.7	56	2	2	113	1,433
1	A	19	Native	0.50	Rotary Spray	Hunter PRO-S-12-PRS40-CV-MP Rotator	40 psi	0.40	13.6	56	2	2	113	1,530
1	A	20	Native	0.50	Rotary Spray	Hunter PRO-S-12-PRS40-CV-MP Rotator	40 psi	0.40	13.9	56	2	2	113	1,567
1	A	21	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	14.7	56	4	2	225	3,305
1	A	22	Trees	0.50	DripRing	Hunter HDL Dripline	40 psi	0.48	14.0	47	2	3	94	1,311
1	A	23	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	13.9	56	4	2	225	3,128
1	A	24	Turf	1.00	Rotary Spray	Hunter PRO-S-PRS40-CV-MP Rotator	40 psi	0.40	12.5	56	4	2	225	2,813
1	A	25	Garden	#N/A	FF Hydrant	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	53,112
										Total Run Time in Hrs - Turf Zones	10.8			
										Total Run Time in Hrs - Shrub zones (drip)	7.5			
										Total Run Time in Hrs - Native zones	4.7			
										Total Water Window in Hrs	23.0			

PRESSURE LOSS CHART

Tap ID	Station/Zone ID	Static Pressure	Flow (gpm)	Tap Elevation	"Critical Head" Elevation
1	A16	70	16	5,238	5,230
Head Type: Rotary Spray (Hunter MP Rotator)					
Component	Description	Size	Length	Loss/Gain	
Service Line	Type K Copper	1-1/4"	n/a	40	(1.13)
Meter	Irrigation Meter	1"	n/a		(11.80)
Irrigation Backflow Device	Reduced Pressure Principle	1-1/4"	n/a		(11.00)
Master Valve	Hunter ICV	1"	n/a		(3.50)
Mainline	Class 200 PVC	1-1/2"	670		(3.46)
Control Valve	Hunter ICV	1"	n/a		(3.50)
Lateral Allowance	1" CL 200 PVC	Varies			(2.50)
Elevation Loss/Gain				8	3.46
Recommended Mainline Operating Pressure at Control Valve: 50 psi				Total Loss/Gain	-23.43
Pressure loss calculation is based on "Critical Head"					
Dynamic pressure is does not reflect pressure regulation of remote control valves.				Dynamic Operating Pressure	46.57
				Recommended Zone Operating Pressure	40.00
				Differential (over 10 psi should be regulated at valve)	6.57



Know what's below.
Call before you dig.

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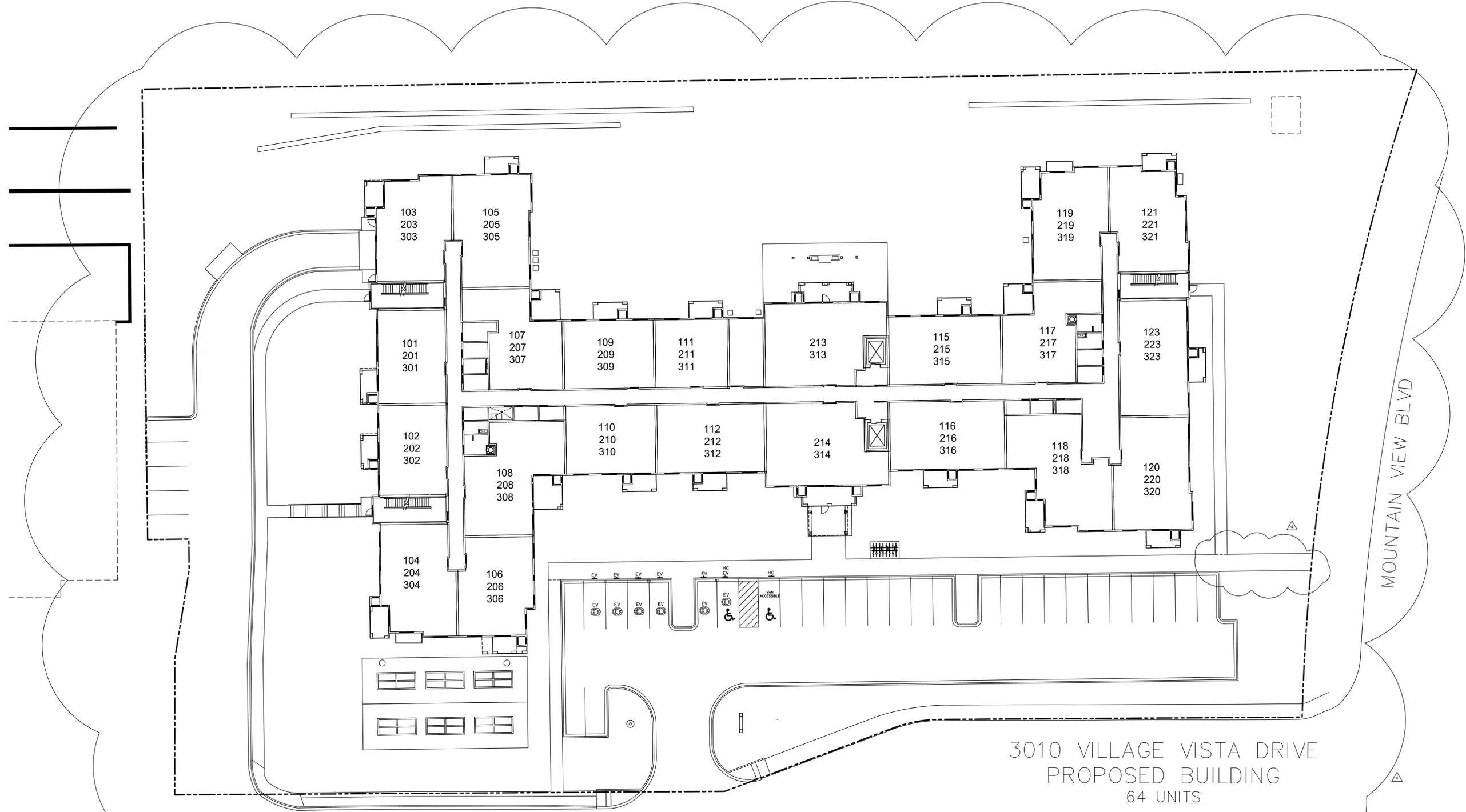
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SUITE 400
EACAN, MN 55121
AUSTIN ALLEN
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THE VILLAGE COOPERATIVE OF ERIE
SITE PLAN



VILLAGE VISTA DRIVE

MOUNTAIN VIEW BLVD

3010 VILLAGE VISTA DRIVE
 PROPOSED BUILDING
 64 UNITS
 (54 - 2 BEDROOM UNITS)
 (10 - 1 BEDROOM UNITS)

1 BUILDING UNIT MAP
 SCALE: 1" = 20'-0"

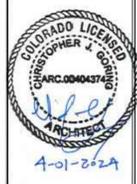


PROJECT NO:
23-01

DATE:
04-01-2024

REVISIONS:

ADD 2:	05-08-24
ADD 3:	09-06-24
ASK 1:	11-01-24



EXTERIOR FINISH & MATERIALS SUMMARY.
GROSS TOTAL ALL ELEVATIONS:
 SIDING: (17,101) 45%
 GLASS/GLAZING: (9215) 24%
 STONE: (11,823) 31%
 TOTAL ALL ELEVATIONS AREA: 38,139 SF



1 SOUTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

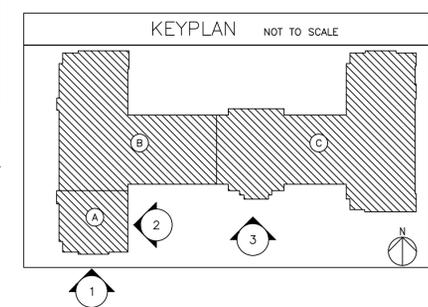


2 EAST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"
SEE ELEVATION 1/A7.0 FOR TYPICAL NOTES & DIMENSIONS - UNO



3 SOUTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

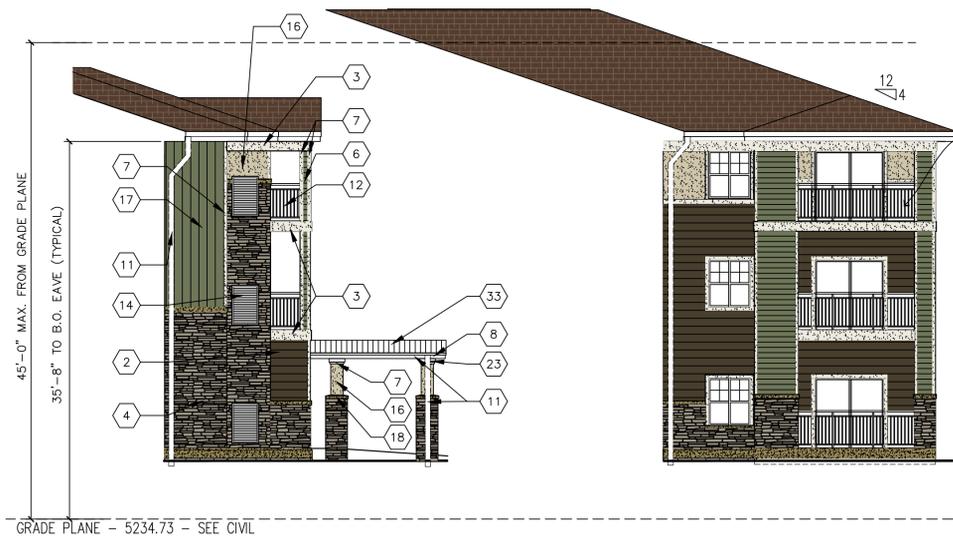
SEE ELEVATION 1/A7.0 FOR TYPICAL NOTES & DIMENSIONS - UNO



- NOTES:
- SEE SHEET A0.3 FOR ADDITIONAL NOTES, SPECIFICATIONS AND OTHER DOCUMENTS INFORMATION.
 - ALL DOWNSPOUTS TIED TO UNDERGROUND DRAINAGE SYSTEM, SEE CIVIL.
 - PROVIDE TRIM AT UNITS DECKS (I.E. UNDER SOFFITS) TO WORK WITH ADJACENT TRIM OR AS REQ'D.
 - 3-1/2" CEMENT BOARD TRIM AT INSIDE AND OUTSIDE CORNERS OF CEMENT BOARD SIDING AND WHERE THESE MATERIALS MEET DISSIMILAR MATERIALS. SEE SHEET A9.3
 - CEMENT BOARD SIDING AND TRIM TO BE A MINIMUM 6" ABOVE FINISHED GRADE.
 - STONE VENEER TO WRAP OUTSIDE CORNERS WHERE NOT SHOWN ON ELEVATIONS. SEE SHEET A9.3
 - THE GRADES SHOWN ON THE EXTERIOR ELEVATIONS ARE FOR REFERENCE. FOLLOW CIVIL DRAWINGS FOR ACTUAL GRADING. FOUNDATION WATERPROOFING AND DRAINAGE PLANE TO COME UP TO CIVIL GRADES SO ALL FOUNDATIONS ARE PROTECTED FROM WATER/SOIL.
 - CEMENT BOARD TRIM, FASCIA AND SOFFIT PANELS TO BE PAINTED SW WHITE SNOW 9541.
 - EXTERIOR PENETRATIONS INTO ALL CEMENT BD. SIDING (I.E. LIGHTS, OUTLETS, VENTS, RAILINGS ETC.) TO HAVE 1" THICK CEMENT BD. BLOCK-OUTS, FLASHED, SEALED AND PAINTED TO MATCH ADJACENT.
 - REFER TO SHEET A9.3 FOR TYPICAL FINISH MATERIAL TRANSITIONS INCLUDING INSIDE AND OUTSIDE CORNER CONNECTIONS, OF ELEVATION FINISHES.

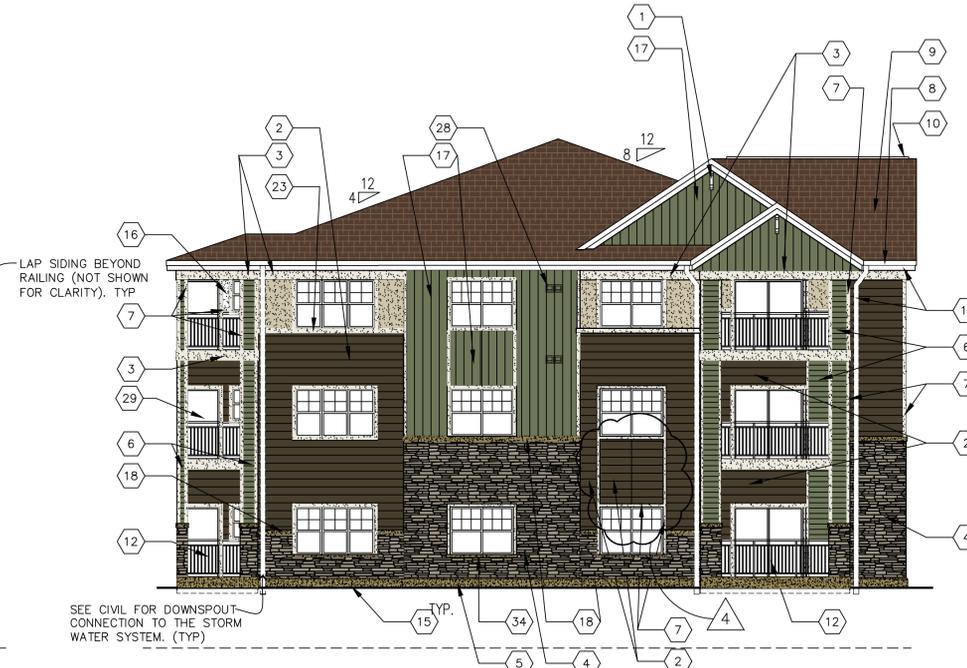
- ELEVATION KEY NOTES:
- | | |
|---|--|
| 1 TREATED WOOD ROOF BRACKET SEE DETAIL 14/A9.3 | 17 CEMENT BOARD & BATTEN (2 1/2" BATTENS @ 12" O.C.) - HARDIE PANEL PATTERN SMOOTH - SW 6186 DRIED THYME |
| 2 8" LAP CEMENT BOARD SIDING - HARDIE LAP SIDING PATTERN SELECT CEDARMILL - SW 2856 FAIRFAX BROWN | 18 5" PRE-CAST CONC. WATER-TABLE / SILL |
| 3 12" CEMENT BOARD TRIM - HARDIE PATTERN ROUGH SAWN | 19 METERS, PAINT TO MATCH ADJACENT MATERIAL - SEE MECH. & ELEC. |
| 4 STONE VENEER - CASA DI SASSI "TERRACINA BLEND" - OR APPROVED EQUAL | 20 PTAC UNIT w/DECORATIVE GRILL |
| 5 PRE-CAST CONC. WATER-TABLE w/ BEVELED EDGE | 21 PIPE BOLLARD - SEE DETAIL 11/A1.1 |
| 6 4" LAP CEMENT BOARD SIDING - HARDIE LAP SIDING PATTERN SELECT CEDARMILL - SW 6186 DRIED THYME | 22 6"H ALUM. ADDRESS NUMBERS - VFY w/ CITY ORDINANCES & FIRE MARSHALL. |
| 7 3-1/2" CEMENT BD. TRIM - HARDIE PATTERN ROUGH SAWN | 23 5-1/2" x 1" CEMENT BD. TRIM - HARDIE PATTERN ROUGH SAWN |
| 8 CEMENT BOARD FASCIA w/ PRE-FINISHED METAL CLADDING - FINISH WHITE | 24 PRE-FINISHED ALUMN. PERGOLA - WHITE |
| 9 ASPHALT SHINGLES - CLASS 'A' GAF TIMBERLINE HDZ BARKWOOD | 25 LIGHT - SEE ELEC. |
| 10 CONTINUOUS RIDGE VENT | 26 FORMED CONC. PIER - SEE STRUCT. - CLAD w/ STONE VENEER OR CEMENT BOARD, SEE ELEVATIONS. |
| 11 PRE-FINISHED METAL GUTTER & DOWNSPOUT. CONNECT WITH BELOW GRADE DRAINAGE SYSTEM. SEE CIVIL. | 27 OUTLINE OF GRILL/FIREPLACE SEE ELEVATION 3A/A7.2 AND SHEET A1.1 FOR DETAILS. |
| 12 PRE-FINISHED METAL RAILING - DARK BRONZE | 28 EXHAUST VENTS. - PAINT TO MATCH WALL FINISH. SEE MECH. |
| 13 CONTROL JOINT | 29 DECK/PATIO MECH CLOSET DOOR & TRIM - PAINT TO MATCH ADJACENT SIDING. |
| 14 LOUVER & TRIM, MATCH ADJACENT COLOR | 30 CONC. STOOP - SEE STRUCT. |
| 15 EXPOSED FOUNDATION CONC. WALLS TO HAVE STAMPED PATTERN AND FINISH TO MATCH STONE | 31 CONC. PATIO - SEE CIVIL |
| 16 CEMENT BD. PANEL - HARDIE VERTICAL SIDING PATTERN STUCCO - SW 7568 NEUTRAL GROUND | 32 CONC. STAIRS - SEE CIVIL |
| | 33 STANDING SEAM METAL ROOF. |
| | 34 PRE-CAST STONE SILL @ STONE VENEER. |
| | 35 SCRIBE THE STONE VENEER MIN. 4" CLEAR ABOVE FINISHED GRADE. VFY WITH STONE VENEER SUPPLIER. |
| | 36 AREA WELL w/ LOUVER - BELOW GRADE REFER TO SECTION 4/A8.3 - SEE MECH. |

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1 WEST EXTERIOR ELEVATION (ENTRANCE)
 SCALE: 1/8" = 1'-0"
 SEE ELEVATION 3/A7.1 FOR TYP. NOTES & DIMENSIONS - UNO

2 WEST EXTERIOR ELEVATION
 SCALE: 1/8" = 1'-0"
 SEE ELEVATION 3/A7.1 FOR TYP. NOTES & DIMENSIONS - UNO



3 SOUTH EXTERIOR ELEVATION
 SCALE: 1/8" = 1'-0"
 SEE ELEVATION 3/A7.1 FOR TYP. NOTES & DIMENSIONS - UNO



4 EAST EXTERIOR ELEVATION
 SCALE: 1/8" = 1'-0"
 SEE ELEVATION 3/A7.1 FOR TYPICAL NOTES & DIMENSIONS - UNO

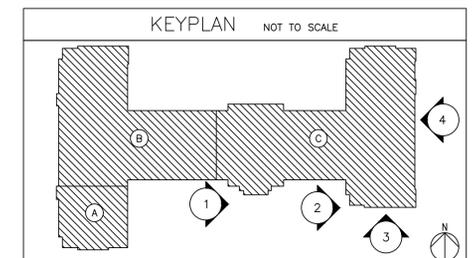
NOTES:

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- ALL DOWNSPOUTS TIED TO UNDERGROUND DRAINAGE SYSTEM, SEE CIVIL.
- PROVIDE TRIM AT UNITS DECKS (I.E. UNDER SOFFITS) TO WORK WITH ADJACENT TRIM OR AS REQ'D.
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ELEVATION KEY NOTES:

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| 2 8" LAP CEMENT BOARD SIDING - HARDIE LAP SIDING PATTERN SELECT CEDARMILL - SW 2856 FAIRFAX BROWN | 18 5" PRE-CAST CONC. WATER-TABLE / SILL |
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| 4 STONE VENEER - CASA DI SASSI "TERRACINA BLEND" - OR APPROVED EQUAL | 20 PTAC UNIT w/DECORATIVE GRILL |
| 5 PRE-CAST CONC. WATER-TABLE w/ BEVELED EDGE | 21 PIPE BOLLARD - SEE DETAIL 11/A1.1 |
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| 7 3-1/2" CEMENT BD. TRIM - HARDIE PATTERN ROUGH SAWN | 23 5-1/2" x 1" CEMENT BD. TRIM - HARDIE PATTERN ROUGH SAWN |
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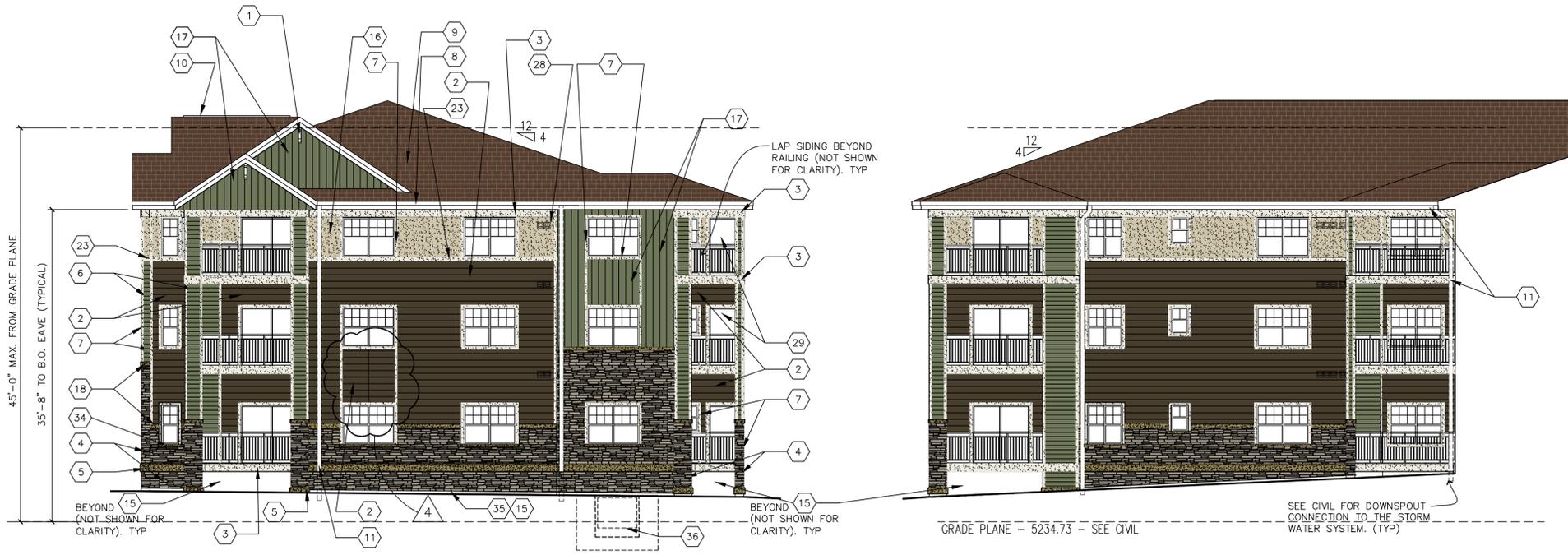
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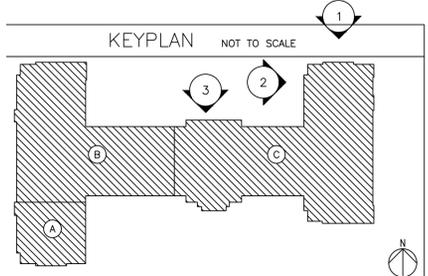
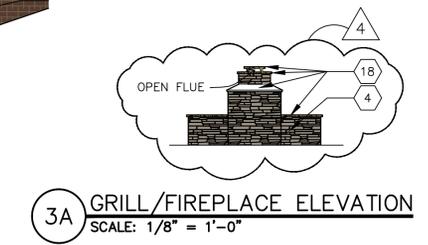


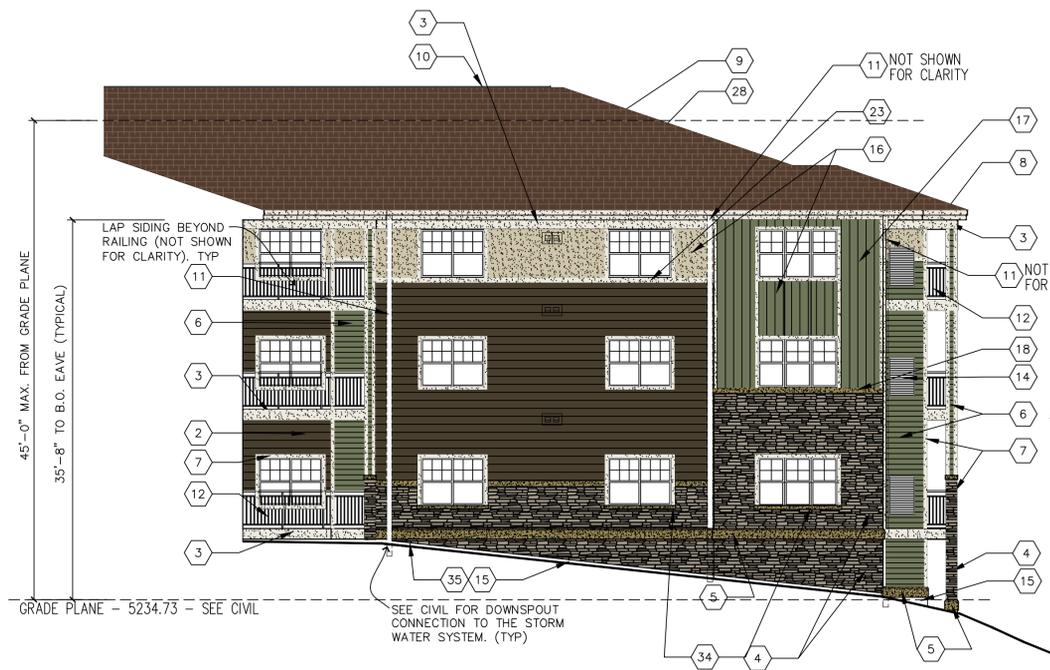
1 NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

2 WEST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"
SEE ELEVATION 1/A7.2 FOR TYPICAL NOTES & DIMENSIONS - UNO

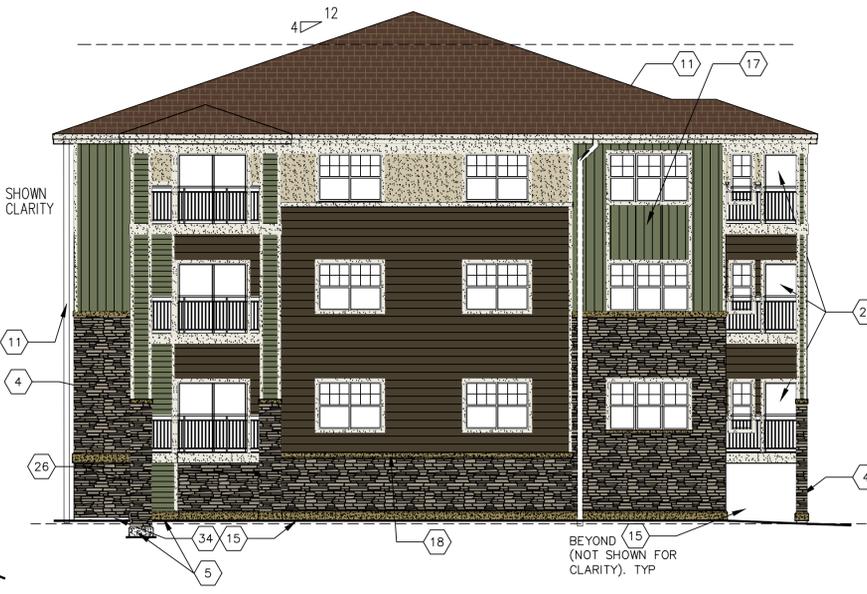


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SCALE: 1/8" = 1'-0"
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SCALE: 1/8" = 1'-0"



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SEE ELEVATION 1/A7.3 FOR TYPICAL NOTES & DIMENSIONS - UNO



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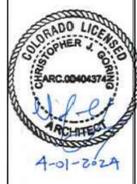
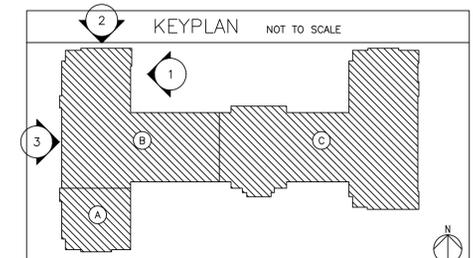
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V
C
VILLAGE
COOPERATIVE
OF ERIE



NORTH-WEST CORNER

SUBJECT TO CHANGE WITHOUT NOTICE
DATE: 10.15.2024

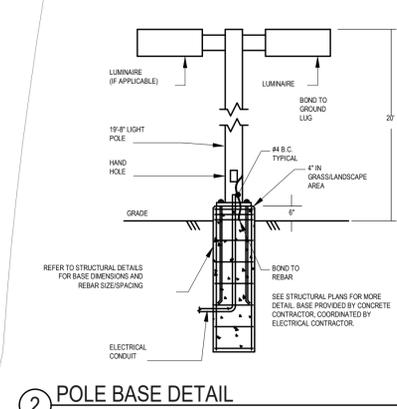
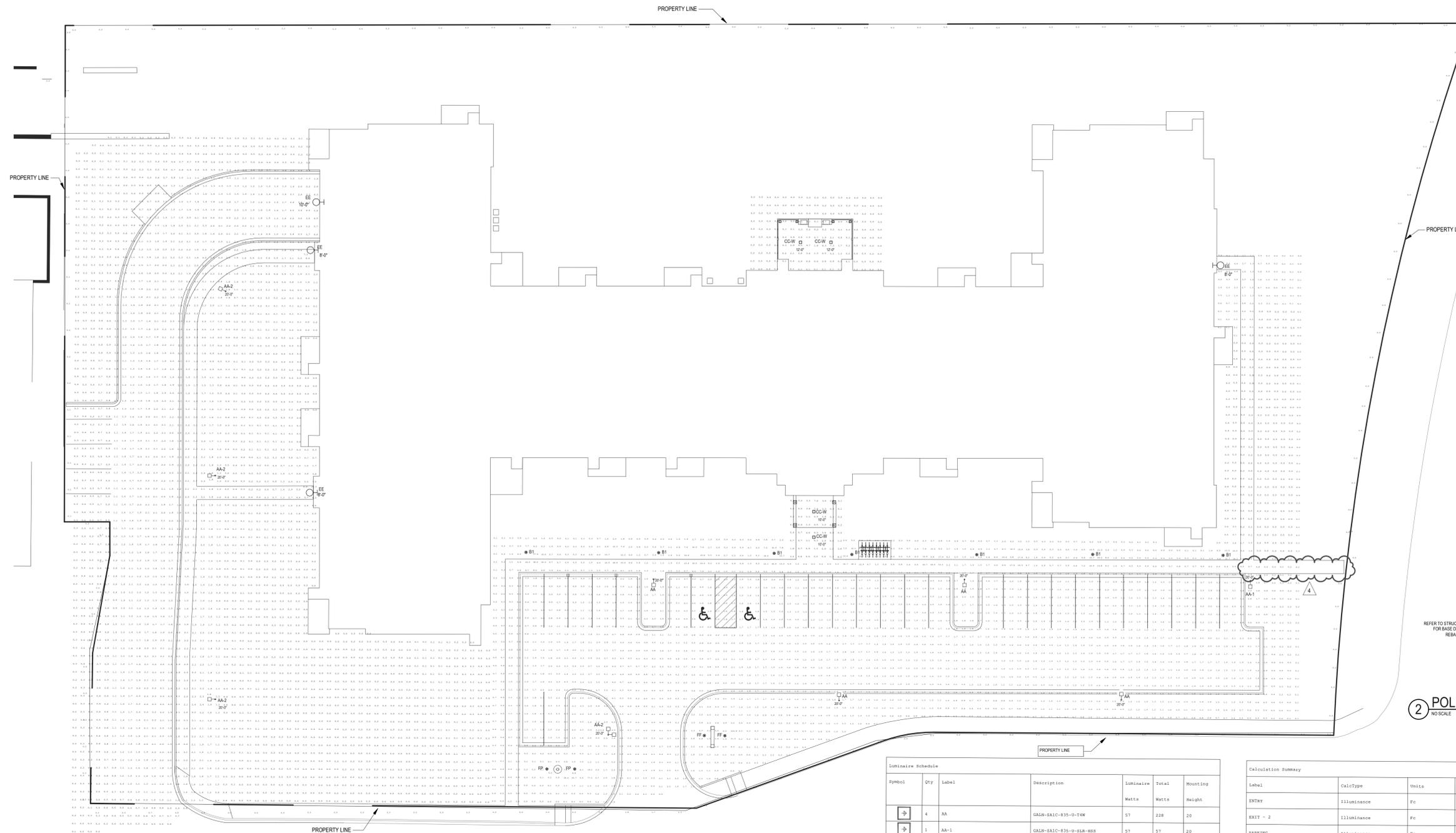
THE VILLAGE COOPERATIVE OF ERIE

A REPLAT OF LOTS 5B AND 5C, BLOCK 1, VISTA RIDGE FILING NO.11, BLOCK 1, LOT 5 MINOR SUBDIVISION LOCATED IN THE SOUTHEAST ONE-QUARTER OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., TOWN OF ERIE, COUNTY OF WELD, STATE OF COLORADO

1 LOT SP-001691-2024

GENERAL NOTES:

- A REFER TO SHEET E0.2B FOR GENERAL NOTES.
- B LIGHTING LEVELS SHOWN ARE MAINTAINED. LIGHT LOSS FACTOR OF 0.90 WAS USED TO ACCOUNT FOR DIRT AND LUMEN DEPRECIATION.
- C WALL SCONCE AND DOWNLIGHT MOUNTING HEIGHTS SHOWN ARE TO BOTTOM OF FIXTURE.
- D LIGHT POLE PLACEMENT TO BE 3'-0" BEHIND CURB OR SIDEWALK, UNLESS NOTED OTHERWISE.



Symbol	Qty	Label	Description	Luminaire Watts	Total	Mounting Height
AA	4	AA	GAIN-SA1C-835-0-TEN	57	228	20
AA-1	1	AA-1	GAIN-SA1C-835-0-SIA-BSS	57	57	20
AA-2	5	AA-2	GAIN-SA2C-835-0-Ten-BSS	108	540	20
FF	2	FF	TOR1158 (7040-7050)	12	24	3.8
FF	2	FF	SOP1-20-4R-120	21,187	42,217	1
BI	12	BI	FPI-2410-4R-XX	41.2	494.4	3.8
EE-1	1	EE-1	WIT LED P1 30K VF MVOLT	12	12	10
EE	3	EE	WIT LED P1 30K VF MVOLT	12	36	8
CC-W	4	CC-W	LFP-6RDS-M-15135RMD-EN1_LFP-4RDS-T-0	12.3	49.2	10

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ENTRY	Illuminance	Fc	1.76	8.3	0.1	17.60	83.00
EXIT - 2	Illuminance	Fc	0.86	10.4	0.0	N.A.	N.A.
PARKING	Illuminance	Fc	2.37	448.1	0.0	N.A.	N.A.
Property Line	Illuminance	Fc	0.35	1.8	0.0	N.A.	N.A.
REAR PATIO	Illuminance	Fc	0.45	8.3	0.0	N.A.	N.A.

1 ELECTRICAL SITE PHOTOMETRIC
SCALE: 1" = 20'-0"

2 POLE BASE DETAIL
NO SCALE

PREPARED FOR
THE VILLAGE COOPERATIVE OF ERIE
1303 CORPORATE CENTER DRIVE
SUITE 400
EAGAN, MN 55121
AUSTIN ALLEN
720-308-1890

ep emanuelson-podas
consulting engineers
Emanuelson-Podas, Inc.
1755 E. 15th Street
Eagan, MN 55121
(651) 930-0050 | www.epinc.com

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1" = XX'	1" = X'	11/01/24	SRL	SRL	JJA

THE VILLAGE COOPERATIVE
OF ERIE
ELECTRICAL SITE
PHOTOMETRIC



THE VILLAGE COOPERATIVE OF ERIE

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1 LOT SP-001691-2024

Project AA- SAIC-85U-T4W
AA-1 SAIC-85U-SLR-HSS
AA-2 SAIC-85U-T4W-HSS

Type AA, AA-1, AA-2

McGraw-Edison
GALN Galleon II

Area / Site Luminaire

Product Features

- 4' LED in-row downlight delivering 3000-3000 lumens
- Direct beam foot-candle output for New Construction or Remodel applications
- Optional housing accessories available
- Four beam distributions
- 2700K-5000K CRI and 50-90 CRI DLP SCIM
- Diverging patterns include 0-Deg Phase (Forward/Recessed), DALI, DMX, and Custom Scenarios
- No Lighting Control wires and wireless control capability available

Product Certifications

Interactive Menu

- Ordering Information page 7
- Mounting Details page 1
- Product Specifications page 1
- Energy and Performance Data page 1
- Control Options page 1

Quick Facts

- Luminaire packages range from 3,300 - 73,500 (350W - 552W)
- 1 Typical Distribution
- Efficiency up to 159 lumens per watt

Dimensional Details

Standard Pole Mount Arm

File Drawing Pattern

Table 1: Luminaire Dimensions

Number of Luminaires	Width (W)	Mounting Length (L)	Height with Standard 2" Pole	PLF (lm/ft²)
1.4	14"	27"	29 1/2"	0.95
5.6	22"	27"	29 1/2"	0.95
7.8	22"	29 1/2"	40 1/2"	1.1

Notes:
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prescolite

LFR-6RDS
LITERFRAME® ROUND SHALLOW DOWNLIGHT

DATE: LOCATION: CC-W

TYPE: PROJECT: CC-W

CATALOG #:

LITERFRAME 2.0

FEATURES

- 4' LED in-row downlight delivering 3000-3000 lumens
- Direct beam foot-candle output for New Construction or Remodel applications
- Optional housing accessories available
- Four beam distributions
- 2700K-5000K CRI and 50-90 CRI DLP SCIM
- Diverging patterns include 0-Deg Phase (Forward/Recessed), DALI, DMX, and Custom Scenarios
- No Lighting Control wires and wireless control capability available

Product Certifications

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PROGRESS COMMERCIAL

LED Wall Packs

PCOWC SERIES

Specifications:

- Die cast aluminum housing and door
- Rugged design protects internal components and provides sufficient thermal management for long life
- 60,000 hours minimum LED life at 100% rating
- Powder paint finish provides lasting appearance in outdoor environments
- Quick mount design provides quick installation designed for recessed hole 4" square (4x4) hole
- LED: C774 universal voltage 5000KHz with a 5000 driving driver
- 400K nominal, 70 CRI
- 20 LED 2x4 Lumens
- 30 LED 2x4 Lumens
- 45 LED 3x6 Lumens

Application:

The compact PCOWC Series is intended for perimeter illumination for safety, security and identity. The fixture has full cutoff distribution and a rugged finish with equal mounting height up to 12 ft. (3.66m) models up to 18 ft. (5.49m). (45 LED model). Units have a protective gasket for long lasting service.

Compliance:

UL 984 listed for use in wet locations, 40°C ambient environment

Dimensions:

30 LED Model

- A: 4.87" (124 mm)
- B: 1.57" (40 mm)
- C: 2.37" (60 mm)
- D: 3.27" (83 mm)

30x45 LED Model

- A: 6.27" (160 mm)
- B: 1.57" (40 mm)
- C: 3.27" (83 mm)
- D: 3.27" (83 mm)

KEY DATA

Lumen Range	3000-3000
Wattage Range	3-20
Energy Range (lm/W)	90-120
Bi-directional Light Flux	150-160,000
Input Current (mA)	64-142 (220V)

Base PCOWC
Lamp 20 LED - 1x20, 20 Watts
30 LED - 1x20, 30 Watts
45 LED - 1x20, 45 Watts

Finish 20 - Bronze
28 - White
82 - Metallic Gray

HUBBELL Lighting

FRESNO Series
BOLLARDS

DATE: LOCATION: B1

TYPE: PROJECT: B1

CATALOG #:

FEATURES

- Two size options available
- Solid one-piece, clear acrylic lens
- Specific anodized aluminum optical systems
- 30w and 46w energy-efficient LED systems
- Etched aluminum square or round housing with tamper resistant hardware
- Flat top or optional dome top for speed/ID

RELATED PRODUCTS

- Bristol Path
- Position Family

Specifications

HOUSING

- Etched aluminum 6061 alloy square or round housing with tamper resistant hardware, 100 lbs. for round (F2)
- Stage screen access for service and maintenance
- Sealed one-piece, clear acrylic lens, (Specialty anodized aluminum optical systems)
- Corrosion, salt water, 300-3000-psi anchor load, four 1/2" x 1/2" anchor bolts
- Double Lockpoint TIG weld service (optional powder coat paint finish, anodizing, vinyl and maintenance-free finish)

OPTICS

- Available in 5000K, 4000K, 3000K CCT and Microchromatic Amber
- Long Life: 60,000 hours L70 rated at 25°C
- Optional continuous dimming to 10%
- Rotatable LED assembly adjustment for ideal placement and staging of asymmetric light pattern
- Universal voltage (100-277, 50/60Hz) drivers with 100% lifetime, varying temperature rated or 30°F

CERTIFICATIONS

- UL listed for use in wet locations
- 3 year limited warranty
- See UL's Safety Directory for additional information

Invue

VFS VISION FLOOD SMALL LED

DESCRIPTION

The cylindrical form of the Vision Flood Small LED luminaire blends architectural and functional design. The Vision Flood Small LED luminaire offers optical, energy and maintenance solutions for the full breadth of floodlighting applications.

Specifications Features

Construction

- Die cast aluminum housing and door
- Rugged design protects internal components and provides sufficient thermal management for long life
- 60,000 hours minimum LED life at 100% rating
- Powder paint finish provides lasting appearance in outdoor environments
- Quick mount design provides quick installation designed for recessed hole 4" square (4x4) hole
- LED: C774 universal voltage 5000KHz with a 5000 driving driver
- 400K nominal, 70 CRI
- 20 LED 2x4 Lumens
- 30 LED 2x4 Lumens
- 45 LED 3x6 Lumens

Application:

The compact PCOWC Series is intended for perimeter illumination for safety, security and identity. The fixture has full cutoff distribution and a rugged finish with equal mounting height up to 12 ft. (3.66m) models up to 18 ft. (5.49m). (45 LED model). Units have a protective gasket for long lasting service.

Compliance:

UL 984 listed for use in wet locations, 40°C ambient environment

Dimensions:

30 LED Model

- A: 4.87" (124 mm)
- B: 1.57" (40 mm)
- C: 2.37" (60 mm)
- D: 3.27" (83 mm)

30x45 LED Model

- A: 6.27" (160 mm)
- B: 1.57" (40 mm)
- C: 3.27" (83 mm)
- D: 3.27" (83 mm)

KEY DATA

Lumen Range	3000-3000
Wattage Range	3-20
Energy Range (lm/W)	90-120
Bi-directional Light Flux	150-160,000
Input Current (mA)	64-142 (220V)

Base PCOWC
Lamp 20 LED - 1x20, 20 Watts
30 LED - 1x20, 30 Watts
45 LED - 1x20, 45 Watts

Finish 20 - Bronze
28 - White
82 - Metallic Gray

McGraw-Edison

GALN Galleon II

Ordering Information

SAFETY NUMBER: GALN SAIC-740-U-TFT-0M

Product Family: Light Fixtures

Color: White

Package: 100

Finish: White

Table 1: Product Specifications

Product	Part Number	Wattage	Beam Spread	Height	PLF
1.4	14"	27"	29 1/2"	0.95	
5.6	22"	27"	29 1/2"	0.95	
7.8	22"	29 1/2"	40 1/2"	1.1	

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prescolite

LFR-6RDS
LITERFRAME® ROUND SHALLOW DOWNLIGHT

DATE: LOCATION: CC-W

TYPE: PROJECT: CC-W

CATALOG #:

LITERFRAME 2.0

FEATURES

- 4' LED in-row downlight delivering 3000-3000 lumens
- Direct beam foot-candle output for New Construction or Remodel applications
- Optional housing accessories available
- Four beam distributions
- 2700K-5000K CRI and 50-90 CRI DLP SCIM
- Diverging patterns include 0-Deg Phase (Forward/Recessed), DALI, DMX, and Custom Scenarios
- No Lighting Control wires and wireless control capability available

Product Certifications

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Standard Pole Mount Arm

File Drawing Pattern

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PROGRESS COMMERCIAL

LED Wall Packs

PCOWC SERIES

Photometric Data:

Table 1: Photometric Data

Model	Light Output (lm)	Beam Spread (deg)	Mounting Height (ft)	Current (amps)
20 LED	120	36.5	0.14	
30 LED	227	36.5	0.08	
30 LED	120	28.9	0.24	
30 LED	227	27.7	0.16	
45 LED	320	43.6	0.15	
45 LED	227	41.3	0.15	

Table 2: Distribution Type

Model	Distribution Type	Lumens	LPW
20 LED	3	142	82
30 LED	3	206	71
45 LED	3	309	69

Table 3: Output Multiplier

Ambient Temperature	75°F (23°C)	75.8°F (24.3°C)
0°C	1.00	1.00
10°C	0.97	0.97
20°C	0.91	0.91
30°C	0.79	0.79
40°C	0.67	0.67
50°C	0.56	0.56

Table 4: Output Multiplier

Ambient Temperature	0°C	20,000	50,000	75,000	100,000	Calculated L70 (Hours)
25°C/77°F	1.00	0.98	0.97	0.96	0.95	178,000
40°C/104°F	0.99	0.96	0.96	0.94	0.94	143,000

Table 5: Performance Data

Description	Drive Current	Distribution	5K (5000K NOMINAL TO CR)	4K (4000K NOMINAL TO CR)	3K (3000K NOMINAL TO CR)
F1	24	Type V	150	28	0
			144	25	0
F2	12	Type V	105	41	1
			98	34	1

HUBBELL Lighting

FRESNO Series
BOLLARDS

DATE: LOCATION: B1

TYPE: PROJECT: B1

CATALOG #:

ORDERING GUIDE

Table 1: Ordering Guide

Model	Light Output (lm)	Beam Spread (deg)	Mounting Height (ft)	Current (amps)
20 LED	120	36.5	0.14	
30 LED	227	36.5	0.08	
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F2	12	Type V	105	41	1
			98	34	1

COOPER Lighting Systems

VFS VISION FLOOD SMALL LED

DELIVERED LUMENS BY DISTRIBUTION, LED QUANTITY AND DRIVE CURRENT

Table 1: Delivered Lumens

Voltage	30W	40W	50W	60W	70W	80W	90W	100W
120V	2,880	3,840	4,800	5,760	6,720	7,680	8,640	9,600
277V	1,440	1,920	2,400	2,880	3,360	3,840	4,320	4,800

Table 2: Input Watts by Voltage

Voltage	30W	40W	50W	60W	70W	80W	90W	100W
120V	360	480	600	720	840	960	1,080	1,200
277V	180	240	300	360	420	480	540	600

Table 3: Lumen Multiplier

Ambient Temperature	75°F (23°C)	75.8°F (24.3°C)
0°C	1.00	1.00
10°C	0.97	0.97
20°C	0.91	0.91
30°C	0.79	0.79
40°C	0.67	0.67
50°C	0.56	0.56

Table 4: Lumen Maintenance

Ambient Temperature	0°C	20,000	50,000	75,000	100,000	Calculated L70 (Hours)
25°C/77°F	1.00	0.98	0.97	0.96	0.95	178,000
40°C/104°F	0.99	0.96	0.96	0.94	0.94	143,000

Table 5: Performance Data

Description	Drive Current	Distribution	5K (5000K NOMINAL TO CR)	4K (4000K NOMINAL TO CR)	3K (3000K NOMINAL TO CR)
F1	24	Type V	150	28	0
			144	25	0
F2	12	Type V	105	41	1
			98	34	1

PREPARED FOR
THE VILLAGE COOPERATIVE OF ERIE
1503 CORPORATE CENTER DRIVE
SUITE 400
EAGAN, MN 55121
AUSTIN ALLEN
720-308-1890

emmanuelson-podas
consulting engineers

Emmanuelson-Podas, Inc.
105 West 10th Street
Eagan, MN 55121
(651) 950-0050 | www.epcinc.com

BY DATE

No. REVISION

1"=X'
1"=X'

DATE 11/30/23

DESIGNED BY SRL

DRAWN BY SRL

CHECKED BY JJA

THE VILLAGE COOPERATIVE OF ERIE
ELECTRICAL SITE
PHOTOMETRIC

811
Know what's below.
Call before you dig.

SHEET 15 OF 15

JOB NO. 16162.00