

WOODMEN VALLEY CHAPEL - MONUMENT CAMPUS PLANNED DEVELOPMENT SITE PLAN

LOT 1, CONEXUS BUSINESS PARK FILING NO. 1, TOWN OF MONUMENT, EL PASO COUNTY, COLORADO

MAY 22, 2020



Know what's below.
Call before you dig.

WOODMEN VALLEY
CHAPEL- MONUMENT
CAMPUS
FINAL PD SITE PLAN

CONSULTANT:
PLANNER/ CIVIL ENGINEER/ LANDSCAPE ARCHITECT:



Excellence by Design
2435 Research Parkway, Suite 300
Colorado Springs, CO 80920
Phone 719-575-0100
Fax 719-575-0208

ARCHITECT:



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DESIGN STUDIO

12325 Oracle Blvd., Suite 111
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Phone 719-484-0480

CONSTRUCTION:



919 W. Cucharas Street, Suite 100
Colorado Springs, CO 80905
Phone 719-465-2519

PHOTOMETRICS:



110 S. Sierra Madre
Colorado Springs, CO 80903
Phone 719-418-4213

PROJECT:

WOODMEN VALLEY CHAPEL
MONUMENT CAMPUS
FINAL PD SITE PLAN
TOWN OF MONUMENT

OWNER:

WOODMEN VALLEY CHAPEL
290 E. WOODMEN RD
COLORADO SPRINGS, CO 80919
(719) 388-5000

DEVELOPER:

WOODMEN VALLEY CHAPEL
290 E. WOODMEN RD
COLORADO SPRINGS, CO 80919
(719) 388-5000

ISSUE: MAY 22, 2020

DRAWING INFORMATION:

PROJECT NO: 18.346.017

DRAWN BY: KZ

CHECKED BY: GS

APPROVED BY: GS

SHEET TITLE:

COVER SHEET

PLANNING FILE NO:

CS01

SHEET 1 OF 10

OWNERSHIP CERTIFICATION:
KNOW ALL MEN BY THESE PRESENTS, THAT
BEING THE OWNER(S) OF THE FOLLOWING DESCRIBED TRACT OF LAND:
LOT 1, CONEXUS BUSINESS PARK FILING NO. 1, TOWN OF MONUMENT, EL PASO COUNTY,
COLORADO.

THE UNDERSIGNED ARE ALL OF THE OWNERS OF CERTAIN LANDS KNOWN AS LOT 1,
CONEXUS BUSINESS PARK FILING NO. 1 IN THE TOWN OF MONUMENT.
OWNER(S) SIGNATURE(S) (NOTARIZED):

STATE OF COLORADO)
) SS:
COUNTY OF EL PASO)
SIGNED THIS _____ DAY OF _____, 20____, COUNTY _____, STATE _____

NOTARY SIGNATURE _____
MY COMMISSION EXPIRES _____

LIENHOLDER SUBORDINATION CERTIFICATE
THE UNDERSIGNED ARE ALL THE MORTGAGEES AND LIENHOLDERS OF CERTAIN LANDS
KNOWN HEREIN AS LOT 1, CONEXUS BUSINESS PARK FILING NO. 1 IN THE TOWN OF
MONUMENT.
THE UNDERSIGNED BENEFICIARY OF THE LIEN CREATED BY INSTRUMENT RECORDED ON
_____ IN BOOK _____ AT PAGE _____ EL PASO COUNTY, COLORADO,
SUBORDINATE THE SUBJECT LIEN TO THE TERMS, CONDITIONS AND RESTRICTIONS OF THIS
DOCUMENT:

MORTGAGEE/LIENHOLDER (NOTARIZED SIGNATURE) _____
SIGNED THIS _____ DAY OF _____, 20____
STATE OF COLORADO)
) SS:
COUNTY OF EL PASO)
SIGNED THIS _____ DAY OF _____, 20____, COUNTY _____, STATE _____

NOTARY SIGNATURE _____
MY COMMISSION EXPIRES _____

TITLE CERTIFICATION:
I, _____ AN AUTHORIZED REPRESENTATIVE OF _____
A TITLE INSURANCE COMPANY LICENSED TO DO BUSINESS IN THE STATE OF COLORADO,
HAVE MADE AN EXAMINATION OF THE PUBLIC RECORDS AND STATE THAT ALL OWNERS,
MORTGAGEES, AND LIENHOLDERS OF THE PROPERTY ARE LISTED IN THE CERTIFICATE OF
OWNERSHIP AND LIENHOLDER SUBORDINATION CERTIFICATE.

AUTHORIZED SIGNATURE (NOTARIZED SIGNATURE) _____
SIGNED THIS _____ DAY OF _____, 20____
STATE OF COLORADO)
) SS:
COUNTY OF EL PASO)
SIGNED THIS _____ DAY OF _____, 20____, COUNTY _____, STATE _____

NOTARY SIGNATURE _____
MY COMMISSION EXPIRES _____

TOWN CERTIFICATION:
PLANNING COMMISSION RECOMMENDATION:
THE PRELIMINARY/FINAL PD SITE PLAN FOR THE WOODMEN VALLEY CHAPEL MONUMENT
CAMPUS IS RECOMMENDED FOR APPROVAL THIS _____ DAY OF _____, 20____.

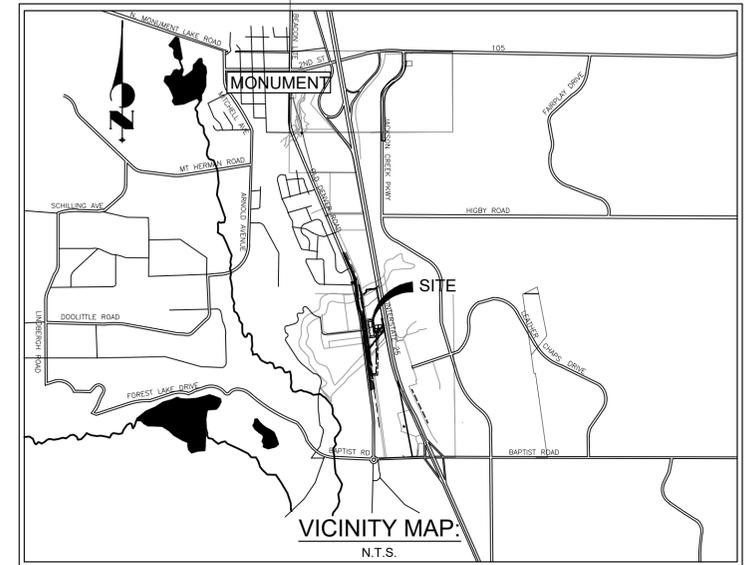
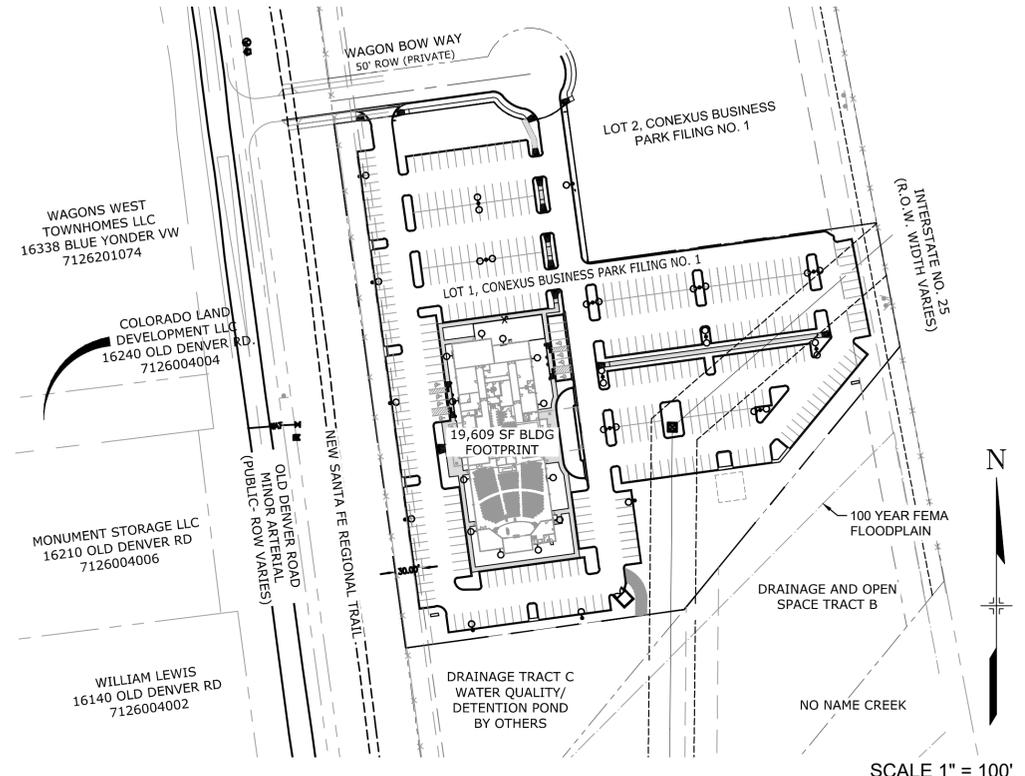
CHAIRMAN _____ DATE _____
PLANNING DIRECTOR _____ DATE _____

BOARD OF TRUSTEES APPROVAL:
THE PRELIMINARY/FINAL PD SITE PLAN FOR THE WOODMEN VALLEY CHAPEL MONUMENT
CAMPUS PLANNED DEVELOPMENT IS APPROVED BY THE BOARD OF TRUSTEES OF THE
TOWN OF MONUMENT, COLORADO, ON THIS _____ DAY OF _____, 20____.

MAYOR _____ DATE _____
ATTEST: _____
TOWN CLERK _____ DATE _____

SURVEYOR'S CERTIFICATE:
I, _____ A PROFESSIONAL LAND SURVEYOR IN THE STATE OF
COLORADO, DO HEREBY CERTIFY THAT THE SURVEY AND LEGAL DESCRIPTION
REPRESENTED BY THE WOODMEN VALLEY CHAPEL MONUMENT CAMPUS SITE PLAN WAS
MADE UNDER MY SUPERVISION AND THE MONUMENT'S SHOWN HEREON ACTUALLY EXIST
AND THIS SITE PLAN ACCURATELY REPRESENTS THAT SURVEY.

PROFESSIONAL LAND SURVEYOR



INDEX OF SHEETS

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SITE SUMMARY DATA

PROPERTY SIZE	5.45 ACRES (135,480 SF)
TAX SCHEDULE NO.	7126000005
PLAT	LOT 1, CONEXUS BUSINESS PARK FILING NO. 1
EXISTING LAND USE	VACANT LAND
PROPOSED LAND USE	RELIGIOUS INSTITUTION
EXISTING ZONING TO REMAIN	PD (PLANNED DEVELOPMENT)
BUILDING SETBACKS	AS SHOWN ON THE PLAN
LANDSCAPE SETBACKS	AS SHOWN ON THE PLAN
MAXIMUM BUILDING HEIGHT PERMITTED	45'-0"
BUILDING FOOTPRINT	19,609 SF
PERCENT OF LOT COVERED BY BUILDING	11%
PERCENT ASPHALT/ CONCRETE	68.8% (163326 SF)
TOTAL IMPERVIOUS SURFACE COVERAGE	77.1% (182,935 SF)
DEVELOPMENT SCHEDULE	FALL 2020/ WINTER 2021
DRAINAGE BASIN	MONUMENT CREEK
PROJECT ADDRESS	TO BE DETERMINED

PARKING SUMMARY

TOTAL BUILDING SF (3 STORIES)	29,694 SF
PARKING SPACE REQUIREMENT PER TOWN OF MONUMENT CODE 17.60.140	1 SPACE/ 4 SEATS IN ASSEMBLY ROOM
TOTAL PARKING REQUIRED	176
TOTAL PARKING PROVIDED	396
ADA ACCESSIBLE STALLS REQUIRED	8 SPACES (1 VAN ACCESSIBLE)
ADA ACCESSIBLE STALLS PROVIDED	8 SPACES (2 VAN ACCESSIBLE)



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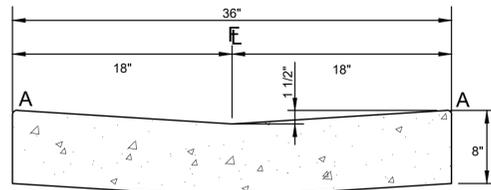
SHEET TITLE:

GENERAL NOTES

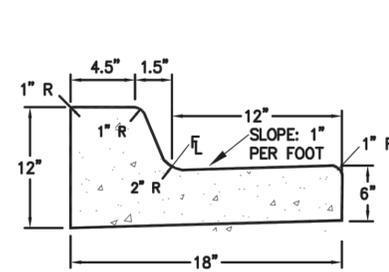
PLANNING FILE NO:

GN01

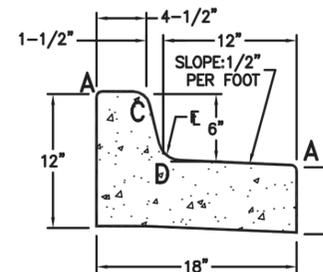
SHEET 2 OF 10



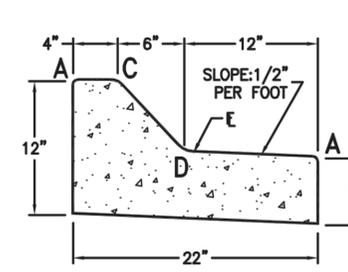
CONCRETE CROSS PAN



TYPE 3
CURB AND GUTTER (CATCH)



TYPE 3
CURB AND GUTTER (SPILL)

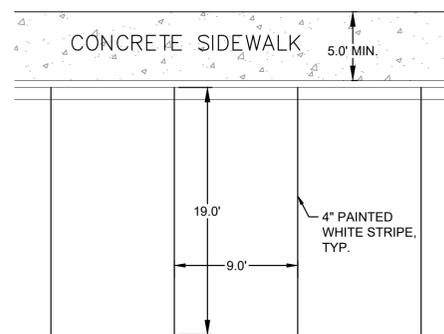


TYPE 4
CURB AND GUTTER

LENGTH FOR RADII
A = 1/2"
C = 1-1/2"
D = 1-1/2" TO 2"

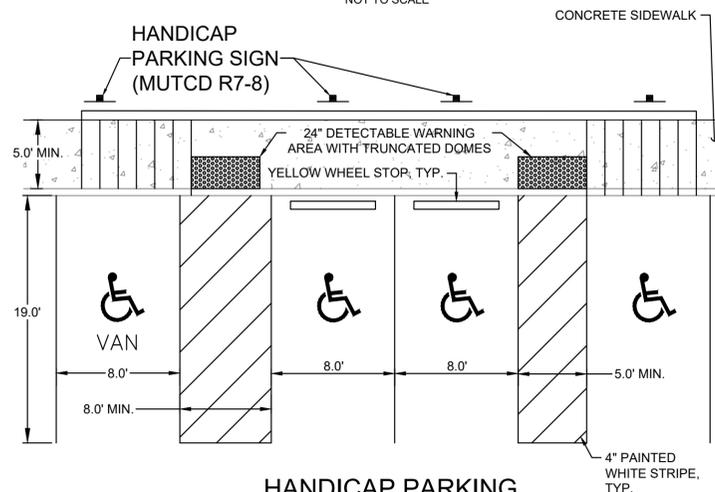
CURB & GUTTER DETAILS

NOT TO SCALE



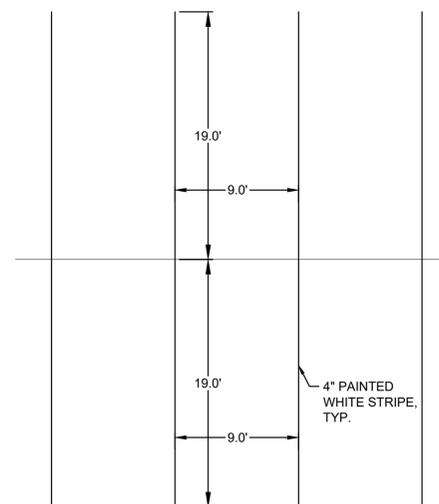
STANDARD PARKING SPACE AROUND
BUILDING DETAIL (CURB)

NOT TO SCALE



HANDICAP PARKING
SPACE DETAIL

NOT TO SCALE



STANDARD PARKING
SPACE DETAIL (INTERNAL)

NOT TO SCALE



MUTCD NO PARKING
FIRE LANE: R8-31
NOT TO SCALE



MUTCD SIGN R7-8
MODIFICATIONS
NOT TO SCALE



MUTCD STOP SIGN R1-1
NOT TO SCALE



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SHEET TITLE:	

PRELIMINARY UTILITY PLAN

PLANNING FILE NO:

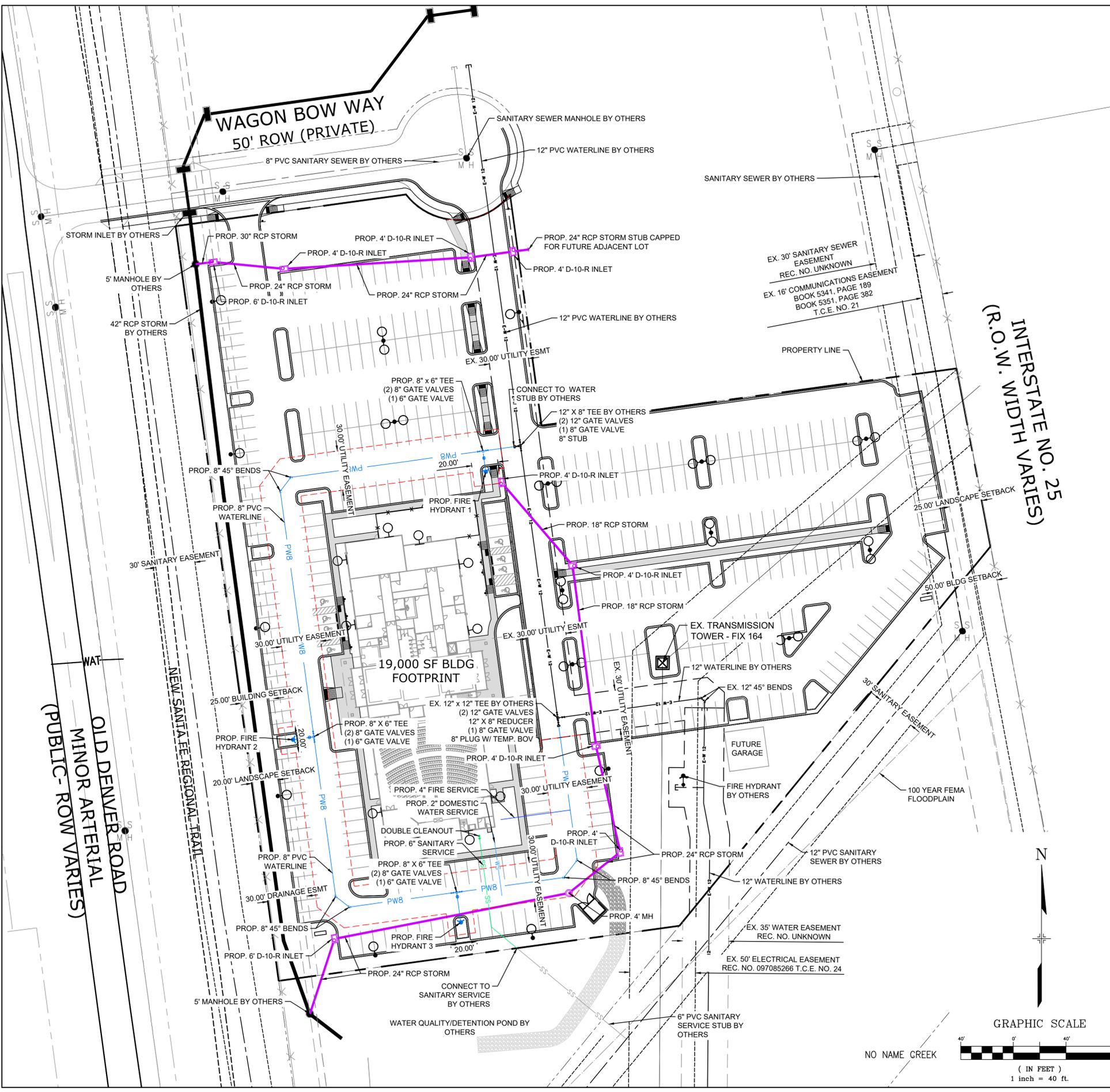
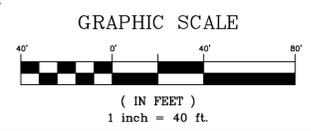
UT01

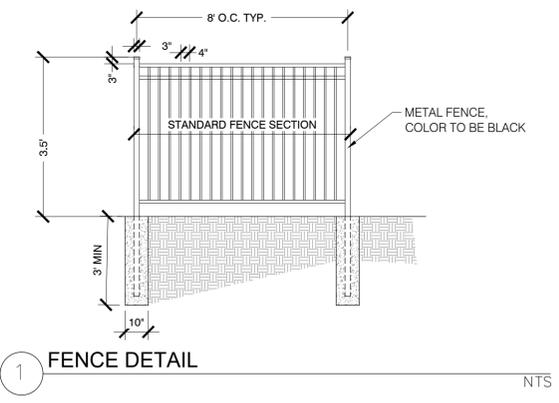
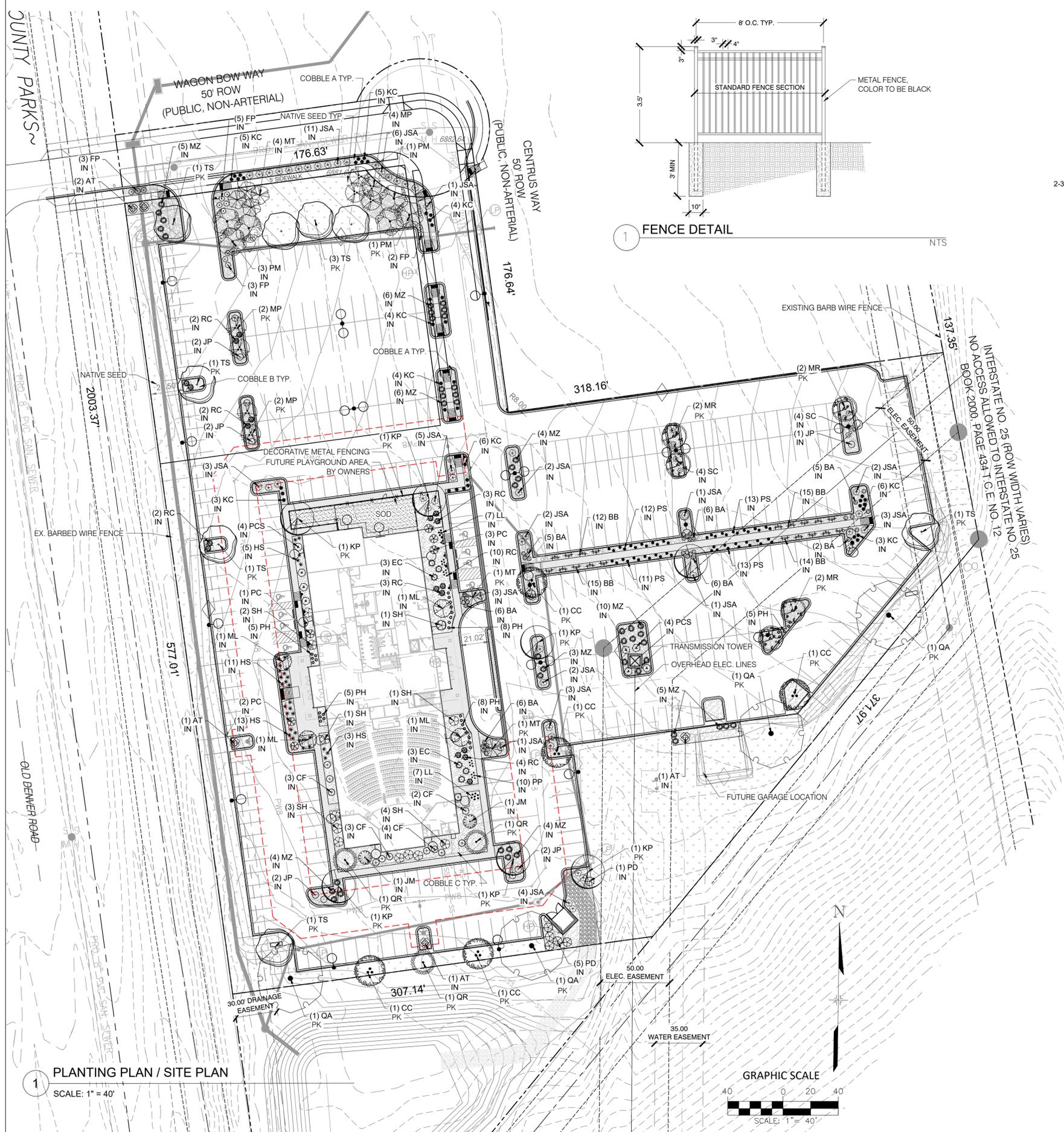
SHEET 5 OF 10

LEGEND

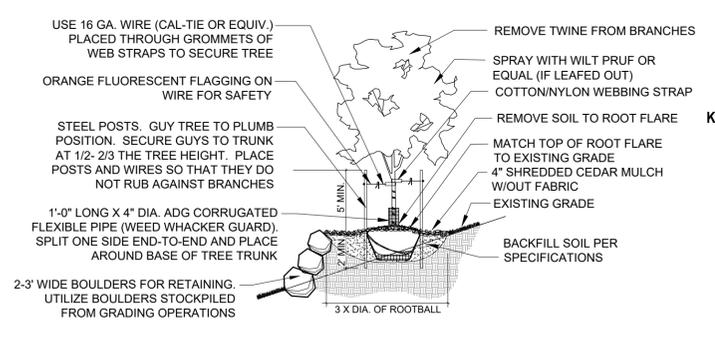
PROP. INLET	
PROP. MANHOLE	
PROP. STORM PIPE	
INLET BY OTHERS	
STORM PIPE BY OTHERS	
PROPOSED WATER VALVE	
PROPOSED 8" PVC WATER LINE	
PROPOSED 12" PVC PUBLIC WATER MAIN	
PROPOSED FIRE HYDRANT	
PROPOSED 2" WATER SERVICE	
PROPOSED 4" FIRE SERVICE	
PROPOSED 8" SANITARY MAIN	
PROPOSED 6" SANITARY SERVICE	
PROPOSED SANITARY CLEANOUTS	
PROPOSED SANITARY MANHOLE	
SANITARY MANHOLE BY OTHERS	
PROPOSED EASEMENT	
LOT BOUNDARY	

- NOTES:
1. ALL UTILITIES TO BE CONSTRUCTED ACCORDING TOWN OF MONUMENT & TRIVIEW METROPOLITAN DISTRICT STANDARDS AND SPECIFICATIONS.
 2. ALL UTILITY (WATER, SANITARY AND STORM DRAIN) INFRASTRUCTURE SIZES SHOWN ON THIS PLAN ARE CONSIDERED PRELIMINARY- FINAL SIZING OF PIPES, MANHOLES, INLETS AND SIMILAR WILL BE DONE AT CONSTRUCTION DRAWINGS.
 3. ALL WATER MAINS TO BE PVC C-900.
 4. ALL STORM SEWER MAINS SHALL BE HDPE OR CLASS III RCP.
 5. ALL PROPOSED STORM SEWER IS CONSIDERED PRIVATE UNLESS OTHERWISE SPECIFIED.
 6. ALL PROPOSED WASTEWATER AND WATER ARE CONSIDERED PUBLIC UNLESS OTHERWISE SPECIFIED.
 7. EASEMENTS TO BE GRANTED BY SEPARATE INSTRUMENT.
 8. EXISTING UTILITIES BY OTHERS TO BE CONFIRMED PRIOR TO CONSTRUCTION.

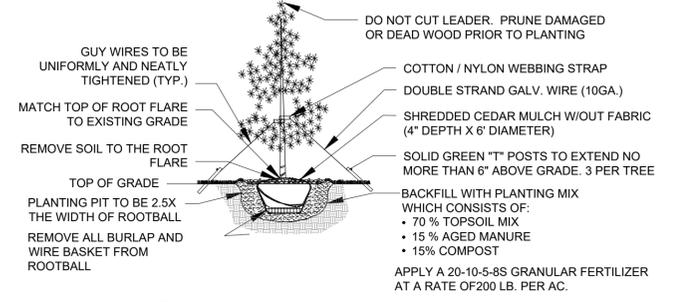




1 FENCE DETAIL NTS



2 TREE SLOPE DETAILS PLANTING DETAIL ON SLOPES (3:1 OR STEEPER) NTS



3 EVERGREEN TREE PLANTING DETAIL NTS

INTERNAL LANDSCAPING:

NET SITE AREA (LOT 1):	237,411 SF (5.45 AC)
PERCENT MINIMUM INTERNAL AREA:	10 %
INTERNAL AREA REQUIRED/PROVIDED:	23,740SF / 23,740 SF
TREE/FEET REQUIRED:	1 Tree / 925 SF
INTERNAL TREES REQUIRED/PROVIDED:	26 / 26
SHRUBS/ORN. GRASS REQUIRED:	8/ 100 SF
ORN. GRASS SUBSTITUTES REQ./PROV.:	475/ 475
INTERNAL PLANT ABBREVIATED ON PLAN:	IN
% REQ. LANDSCAPE AREA WITH NON-IRRIGATED NATIVE SEED ALLOWED/PROVIDED:	50% / 50% (11,870 SF)

MOTOR VEHICLE LOT 1:

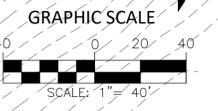
NUMBER OF VEHICLE SPACES PROVIDED:	380
SHADE TREES 1 PER 10 SPACES REQ. / PROV.:	38/ 38
VEHICLE LOT PLANT ABBREVIATED ON PLAN:	PL

LANDSCAPE MATERIAL SCHEDULE:

SYMBOL/ CALLOUT

NATIVE SEED	To be pre-blended Arkansas Valley Seed "LOW MAINTENANCE MIX" seed blend installed per supplier's specifications. Submit cut sheet for review and approval prior to installation.
SOD	To be 3-WAY BLUEGRASS BLEND or approved equal. Submit cut sheet for review and approval prior to installation.
COBBLE	COBBLE: 2"-4" RIVER ROCK (or approved equal) decorative rock mulch over weed fabric. Submit sample for review and approval prior to installation.
COBBLE	COBBLE: 3/4" RIVER ROCK (or approved equal) decorative rock mulch over weed fabric. Submit sample for review and approval prior to installation.
COBBLE	COBBLE: 3/8" RIVER ROCK (or approved equal) decorative rock mulch over weed fabric. Submit sample for review and approval prior to installation.
	STEEL LANDSCAPE EDGER: TO BE INSTALLED BETWEEN ALL SEED OR SOD AREAS AND PLANTING BEDS; TO BE DURAEDGE 1/2" THICK X 5" WIDE ROLLED TOP STEEL EDGE. COLOR TO BE 'BLACK'. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

1 PLANTING PLAN / SITE PLAN SCALE: 1" = 40'



WOODMEN VALLEY CHAPEL- MONUMENT CAMPUS PD SITE PLAN

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 DRAWN BY: SC
 CHECKED BY: JA
 APPROVED BY: JA
 SHEET TITLE:

FINAL LANDSCAPE PLAN & DETAILS

PLANNING FILE NO:

GENERAL NOTES:

- PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE OFFICE OF THE OWNER'S REPRESENTATIVE FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK.
- READ THOROUGHLY AND BECOME FAMILIAR WITH THE DRAWINGS, NOTATIONS, DETAILS AND SPECIFICATIONS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
- LANDSCAPE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES NECESSARY TO FURNISH AND INSTALL LANDSCAPE ELEMENTS AND PLANTINGS AS SPECIFIED HEREIN AND AS SHOWN ON THESE PLANS.
- REPORT ANY DISCREPANCIES IN THE LANDSCAPE PLANS IMMEDIATELY TO THE OWNER/ OWNER'S REPRESENTATIVE.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANT LIST AS DEEMED NECESSARY.
- ALL PLANT LOCATIONS ARE APPROXIMATE, ADJUST AS NECESSARY TO AVOID CONFLICTS.
- QUANTITIES OF MATERIALS SHOWN ON THE PLANTING PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT MATERIAL SCHEDULE. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE WORK. UTILITIES HAVE BEEN SHOWN ON PLAN FOR ROUGH LOCATION OF SERVICES. LOCATE EXACT UTILITY LOCATIONS BY CONTACTING "CALL BEFORE YOU DIG" AT (800) 922-1987 OR 811. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE HE MAY CAUSE TO UTILITIES.
- REMOVE ALL RUBBISH, EQUIPMENT AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
- STORAGE OF ANY MATERIALS, BUILDINGS, VEHICLES OR EQUIPMENT, FENCING AND WARNING SIGNS SHALL BE MAINTAINED THROUGHOUT THE SITE WORK AND CONSTRUCTION PERIODS BY THE CONTRACTOR.
- ALL COMMON LANDSCAPE AND STREETScape PLANTINGS WITHIN THIS DEVELOPMENT SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.

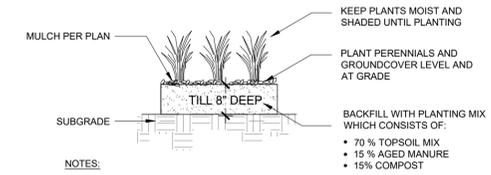
SHRUB/ TREE PLANTING NOTES:

- ALL TREE AND SHRUB LOCATIONS ARE APPROXIMATE; ADJUST AS NECESSARY TO AVOID CONFLICTS. PLANTING LOCATIONS OF SHRUBS, GRASSES, AND PERENNIALS AS SPECIFIED. OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL OF LOCATIONS PRIOR TO PLANTING TREES AND SHRUBS.
- ALL PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE COLORADO NURSERY ACT OF 1965 - TITLE 35, ARTICLE 25, CRS 1974 (SEE LANDSCAPE THE NURSERY ACT).
- PLANTS ARE TO BE SELECTED AND SIZED AS SHOWN ON THE PLANT SCHEDULE.
- PLANTING BEDS RECEIVING MULCH ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. DO NOT APPLY HERBICIDE IN PERENNIAL BEDS.
- POROUS WEED BARRIER FABRIC, AS NOTED IN THE SPECIFICATIONS, SHALL BE INSTALLED WHERE NOTED IN THE DETAILS.
- ALL PLANT MATERIALS SHALL HAVE BACKFILL CAREFULLY PLACED AROUND BASE AND SIDES OF BALL TO TWO-THIRDS (2/3) DEPTH OF BALL, THEN THOROUGHLY SOAKED WITH WATER TO ALLOW SETTLEMENT. ALL WIRE, BURLAP FASTENERS AND LOOSE BURLAP AROUND BASE OF TRUNK SHALL BE REMOVED AT THIS TIME. REMAINDER OF PIT SHALL THEN BE BACKFILLED, ALLOWING FOR DEPTH OF MULCH, SAUCER AND SETTLEMENT OF BACKFILL. BACKFILL SHALL THEN BE THOROUGHLY WATERED AGAIN.
- THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL AUTOMATIC IRRIGATION SYSTEMS ARE OPERATIONAL AND ACCEPTED. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANT'S HEALTHY CONDITION BASED ON SEASONAL CONSIDERATIONS.
- AT THE COMPLETION OF PLANTING OPERATIONS ALL PLANTS SHALL BE INSPECTED BY THE OWNER AND OWNER'S REPRESENTATIVE. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER. ANY PLANT NOT IN HEALTHY CONDITION DURING THE WARRANTY PERIOD SHALL BE REPLACED AS PER THE ORIGINAL SPECIFICATIONS, AT NO CHARGE TO THE OWNER.

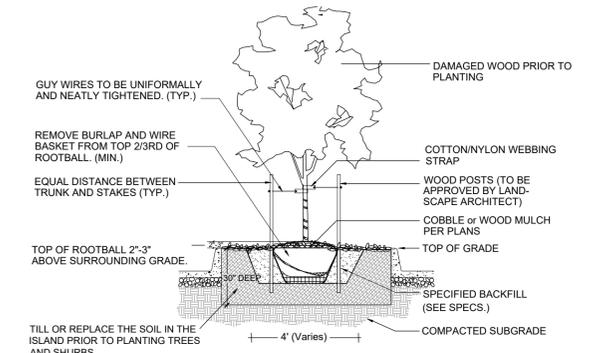
SODDING & SEEDING:

- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING EROSION CONTROL MEASURES DURING THE DURATION OF WORK ON-SITE.
- GENERAL CONTRACTOR SHALL PROVIDE 4" OF TOPSOIL AT ALL SOD AND PLANTING AREAS. GRADE SHALL BE ADJUSTED FOR SOD THICKNESS. ALL FINISH GRADING SHALL BE PERFORMED BY LANDSCAPE CONTRACTOR.
- FINE GRADE SOD AREAS TO ELIMINATE IRREGULARITIES ON THE SURFACE. ROLL OR PERFORM ADDITIONAL FINE GRADING.
- ALL SPECIFIED SEED MIXES SHALL CONSIST OF CERTIFIED SEED VARIETIES THAT ARE FREE OF NOXIOUS WEEDS AND HAVE BEEN TESTED FOR PURITY AND GERMINATION WITHIN SIX MONTHS OF THE PLANTING DATE. CERTIFICATION LABELS WHICH INDICATE THE SPECIES, PURITY, GERMINATION, WEED CONTENT, ORIGIN, AND TEST DATE SHALL BE SUBMITTED FOR ALL SEED MATERIALS.
- SEEDING METHOD: DRILL SEEDING OR BROADCAST SEEDING SHALL BE USED FOR REVEGETATION. AS OUTLINED BELOW, THE SIZE AND SLOPE OF THE DISTURBED AREA SHALL DETERMINE WHICH SEEDING METHOD(S) IS APPROPRIATE AND ACCEPTABLE. WHERE FEASIBLE, RANGELAND DRILL SEEDING COMBINED WITH A COVER OF CRIMPED HAY MULCH OR HYDRO-MULCH IS THE REQUIRED METHOD.
 - SLOPES LESS THAN 3:1 - SEED SHALL BE PLANTED USING A RANGELAND DRILL WITH A SMALL SEED/LEGUME BOX AND AN AGITATOR BOX FOR FLUFFY OR BULKY SEED. SEED ROWS SHALL BE SPACED 7-10 INCHES APART, AND PLANTED 0.5 TO 0.75 INCHES DEEP. THE DRILL SHALL HAVE DOUBLE-DISK FURROW OPENERS WITH DEPTH BANDS AND PACKER WHEELS. SEEDING SHALL BE ACCOMPLISHED USING BI-DIRECTIONAL DRILLING AND FOLLOWING THE SLOPE CONTOUR. THE DRILL EQUIPMENT SHALL BE CALIBRATED EACH DAY OR WHENEVER THERE IS A CHANGE IN THE SEED MIX TO ENSURE PROPER SEED DISTRIBUTION AND RATE.
 - FOR AREAS LARGER THAN 0.1 ACRE - HYDRO-SEEDING SHALL BE USED. THE SEED SHALL NOT BE TANK MIXED WITH THE HYDRO-MULCH AND BROADCAST.
 - MULCHING: WEED-FREE NATIVE HAY, WEED-FREE STRAW, OR VIRGIN WOOD FIBER HYDRO-MULCH SHALL BE USED TO CONTROL EROSION AND PROMOTE SEED GERMINATION AND PLANT ESTABLISHMENT. NATIVE HAY, STRAW, OR HYDRO-MULCH SHALL BE APPLIED AT 2,000 POUNDS/ACRE ON SLOPES LESS THAN 3:1. ON STEEPER SLOPES, A MULCHING RATE OF 2,500 POUNDS/ACRE SHALL BE USED.
- NATIVE HAY OR STRAW SHALL BE CRIMPED INTO THE SOIL TO A DEPTH OF AT LEAST 3 INCHES, AND SHALL PROTRUDE ABOVE THE GROUND AT LEAST 3 INCHES. AN ORGANIC TACKIFIER SHALL BE USED TO HOLD THE HAY OR STRAW IN PLACE IF THE CRIMPING RESULTS ARE INSUFFICIENT. HYDRO-MULCH SHALL BE APPLIED USING A COLOR DYE AND THE MANUFACTURER RECOMMENDED RATE OF AN ORGANIC TACKIFIER.
- APPROVAL OF SEEDED TURF AREAS SHALL BE BASED UPON THE SEED PRODUCERS GUARANTEED SEEDING GERMINATION RATE FOR A ONE SQUARE FOOT AREA. IF GUARANTEED GERMINATION RATE IS NOT ACHIEVED, THE CONTRACTOR SHALL OVERSEED UNTIL THE GERMINATION RATE IS ACHIEVED. REVEGETATION SHALL HAVE AT LEAST 3 NATIVE GRASS SEEDLINGS/SQUARE FOOT AND NO BARE AREAS EXCEEDING ONE SQUARE METER AFTER THE SECOND GROWING SEASON. FOR DRILL SEEDED AREAS, PLANTING ROWS SHALL BE NOTICEABLE BY THE END OF THE FIRST FULL GROWING SEASON. IF A PARTIAL OR TOTAL SEEDING FAILURE IS APPARENT AFTER THE SECOND GROWING SEASON, POORLY VEGETATED AREAS SHALL BE RESEED IN THE SAME MANNER DESCRIBED ABOVE. APPROPRIATE SITE PREPARATION PRACTICES SHALL BE USED TO CREATE A SUITABLE SEEDBED FOR PLANTING, BUT ANY ESTABLISHED NATIVE VEGETATION SHALL BE UNDISTURBED TO THE EXTENT POSSIBLE. AREAS THAT ERODE BEFORE GERMINATION AND ESTABLISHMENT CAN OCCUR SHALL BE REPAIRED AND IMMEDIATELY RESEED DURING THE SAME SEASON.

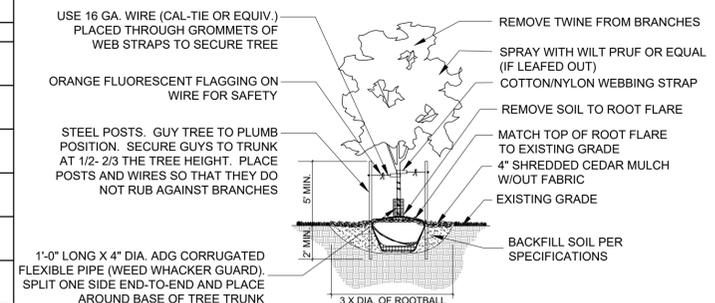
PLANT SCHEDULE							
EVERGREEN TREES	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	JM	2	JUNIPERUS SCOPULORUM 'MOONGLOW' MOONGLOW JUNIPER	6' HT.	B&B	5' 10"	12'-20'
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	MR	5	MALUS X 'DAVID' DAVID CRABAPPLE	1.5" CAL.	B&B	15'-20"	15'-20"
	ML	4	MALUS X 'LOUISA' LOUISA CRABAPPLE	1.5" CAL.	B&B	12'-15"	12' - 15'
	MP	8	MALUS X 'PRAIRIFIRE' PRAIRIFIRE CRAB APPLE	1.5" CAL.	B&B	12'-15"	15'-25"
	MT	6	MALUS X 'THUNDERCHILD' THUNDERCHILD CRABAPPLE	1.5" CAL.	B&B	12'-15"	20'-25"
	PC	6	PRUNUS CERASIFERA 'CRIMSON POINTE' 'CRIMSON POINTE FLOWERING PLUM	1.5" CAL.	B&B	5'-6"	15'-20"
	PM	6	PRUNUS MAACKII AMUR CHOKECHERRY	1.5" CAL.	B&B	15'-20"	20'-30"
SHADE TREES	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	CC	5	CATALPA SPECIOSA 'HIAWATHA 2' TM HEARTLAND CATALPA	2" CAL.	B&B	20'-25"	40' - 50'
	KP	7	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	2" CAL.	B&B	20'-30"	20'-30"
	QA	4	QUERCUS ALBA WHITE OAK	2" CAL.	B&B	40' - 60"	40' - 60"
	QR	3	QUERCUS ROBUR 'REGAL PRINCE' REGAL PRINCE ENGLISH OAK	2" CAL.	B&B	15'-20"	40' - 60"
	TS	8	TILIA TOMENTOSA 'STERLING' STERLING SILVER LINDEN	2" CAL.	B&B	20' 35"	40' - 50'
DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	BA	36	BAPTISIA AUSTRALIS BLUE WILD INDIGO	5 GAL.	POT	2'-3"	2'-3"
	FP	13	FALLUGIA PARADOXA APACHE PLUME	5 GAL.	POT	3'-5"	3'-5"
	LL	14	LIMONIUM LATIFOLIUM SEA LAVENDER	5 GAL.	POT	8" - 12"	8" - 10"
	PP	20	PENSTEMON GRANDIFLORUS 'PRAIRIE JEWEL' PRAIRIE JEWEL BEARDTONGUE	5 GAL.	POT	8" - 12"	2'-3"
	PD	6	PHYSOCARPUS OPULIFOLIUS 'DIABOLO' DIABLO NINEBARK	5 GAL.	POT	6'-8"	6' - 8'
	PCS	8	PRUNUS X CISTENA PURPLE LEAF SAND CHERRY	5 GAL.	POT	4'-6"	6' - 8'
	SC	8	SYMPHORICARPUS X CHENAULTII 'HANCOCK' HANCOCK CORALBERRY	5 GAL.	POT	2'-3"	2'-3"
	SH	12	SYRINGA VULGARIS 'ALBERT F. HOLDEN' ALBERT F. HOLDEN LILAC	5 GAL.	POT	6'-8"	5' - 7'
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	AT	5	ARTEMISIA TRIDENTATA BIG SAGEBRUSH	5 GAL.	POT	5' - 10"	5' - 10"
	CF	12	CHAMAEBATIARIA MILLEFOLIUM 'FERNBUSH' FERNBUSH	5 GAL.	POT	4'-6"	6' - 8'
	EC	6	EUONYMUS ALATUS 'COMPACTUS' COMPACT BURNING BUSH	5 GAL.	POT	4'-6"	4'-6"
	JP	9	JUNIPERUS HORIZONTALIS 'PRINCE OF WALES' PRINCE OF WALES JUNIPER	5 GAL.	POT	5'-7"	4'-6"
	JSA	51	JUNIPERUS SABINA 'ARCADIA' ARCADIA JUNIPER	5 GAL.	POT	4'-6"	1'-2'
	KC	40	KNIPHOFIA CAULESCENS BLUE LEAF FIRE POKER	5 GAL.	POT	2'-3"	2'-3"
	RC	18	RIBES CEREUUM WAX CURRANT	5 GAL.	POT	2' - 4'	2' - 4'
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	PLANTING SIZE	CONTAINER	MAT. W.	MAT. HT.
	BB	57	BOUTELOUA GRACILIS 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMA	1 GAL.	POT	2'-3"	2'-3"
	HS	32	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	1 GAL.	POT	2'-3"	2'-3"
	MZ	47	MISCANTHUS SINENSIS 'ZEBRINUS' ZEBRA GRASS	1 GAL.	POT	4'-6"	6' - 8'
	PH	31	PANICUM VIRGATUM 'HEAVY METAL' HEAVY METAL SWITCH GRASS	1 GAL.	POT	1'-2'	4'-5'
	PS	50	PANICUM VIRGATUM 'SHENANDOAH' SHENANDOAH SWITCH GRASS	1 GAL.	POT	1'-2'	3'-4'



1 GRASSES AND PERENNIALS PLANTING DETAIL NTS



2 PARKING LOT ISLAND PLANTING DETAIL NTS



3 DECIDUOUS TREE PLANTING DETAIL NTS



WOODMEN VALLEY CHAPEL- MONUMENT CAMPUS PD SITE PLAN

CONSULTANT:

PLANNER/ CIVIL ENGINEER/ LANDSCAPE ARCHITECT:

Matrix
Excellence by Design
 2435 Research Parkway, Suite 300
 Colorado Springs, CO 80920
 Phone 719-575-0100
 Fax 719-575-0208

ARCHITECT:

BUCHER DESIGN STUDIO
 12325 Oracle Blvd., Suite 111
 Colorado Springs, CO 80921
 Phone 719-484-0480

CONSTRUCTION:

WD Construction
 BUILDING TRUST

919 W. Cucharas Street, Suite 100
 Colorado Springs, CO 80905
 Phone 719-465-2519

PHOTOMETRICS:

PST

110 S. Sierra Madre
 Colorado Springs, CO 80903
 Phone 719-418-4213

PROJECT:

WOODMEN VALLEY CHAPEL MONUMENT CAMPUS PD SITE PLAN

TOWN OF MONUMENT

OWNER:

WOODMEN VALLEY CHAPEL
 290 E. WOODMEN RD
 COLORADO SPRINGS, CO 80919
 (719) 388-5000

DEVELOPER:

WOODMEN VALLEY CHAPEL
 290 E. WOODMEN RD
 COLORADO SPRINGS, CO 80919
 (719) 388-5000

ISSUE: MAY 22, 2020

DRAWING INFORMATION:

PROJECT NO: 18.346.017

DRAWN BY: SC

CHECKED BY: JA

APPROVED BY: JA

SHEET TITLE:

FINAL LANDSCAPE NOTES, SCHEDULE & DETAILS

PLANNING FILE NO:

LS02

WOODMEN VALLEY CHAPEL- MONUMENT CAMPUS
FINAL PD SITE PLAN

CONSULTANT:
PLANNER/ CIVIL ENGINEER/ LANDSCAPE ARCHITECT:



Excellence by Design

2435 Research Parkway, Suite 300
Colorado Springs, CO 80920
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PROJECT:

WOODMEN VALLEY CHAPEL
MONUMENT CAMPUS
PD SITE PLAN

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COLORADO SPRINGS, CO 80919
(719) 388-5000

ISSUE: MAY 22 2020

DRAWING INFORMATION:

PROJECT NO:	18.346.017
DRAWN BY:	NS
CHECKED BY:	BB
APPROVED BY:	BB
SHEET TITLE:	

EXTERIOR ELEVATIONS

PLANNING FILE NO:

A-1

SHEET 8 OF 10



Know what's below.
Call before you dig.



WEST ELEVATION
SCALE: 3/32"=1'-0"



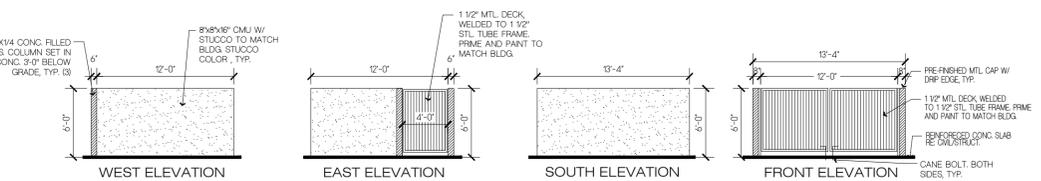
EAST ELEVATION
SCALE: 3/32"=1'-0"



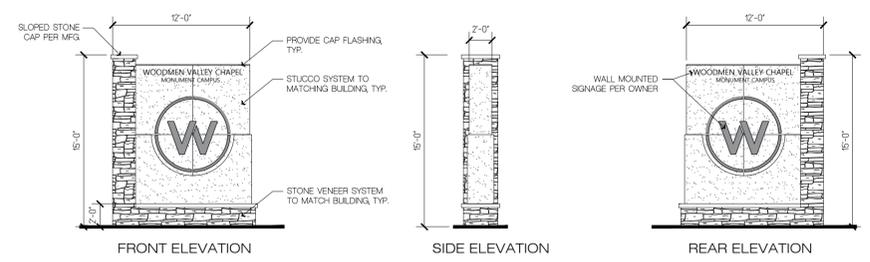
NORTH ELEVATION
SCALE: 3/32"=1'-0"



SOUTH ELEVATION
SCALE: 3/32"=1'-0"



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



MONUMENT SIGNAGE (TYP. 2)
SCALE: 1/8"=1'-0"

- ELEVATION KEY NOTES
- METAL ROOFING BY PRE-ENGINEERED METAL BUILDING COMPANY W/ PRE-FIN. MTL. GUTTER PER PEMB, FIELD LOCATE DOWNSPOUT LOCATIONS PROVIDED BY PEMB
 - SLOPE FIN. GRADE PER CIVIL GRADING PLAN / SOILS REPORT, TYP.
 - ALUMINUM STOREFRONT SYSTEM W/ 1" LOW-E DUAL GLAZING PER APPROVED COMCHECK, INSTALL/FLASH/SHIM/SEAL PER MFG. SPECS, TYP.
 - STONE VENEER SYSTEM, INSTALL PER MFG. SPEC, TYP.
 - 24 GAUGE PRE-FINISHED MTL. CAP FLASHING W/ DRIP EDGE PER MFG. SPECS
 - ALUMINUM STOREFRONT SYSTEM W/ 1" LOW-E DUAL GLAZING PER APPROVED COMCHECK, INSTALL/FLASH/SHIM/SEAL PER MFG. SPECS, TYP.
 - TYP. EXT. FINISH: CEM. PLASTER SYSTEM (CEMENTITIOUS BLEND) PER MANUF. SPECS, BASE SCREED & SYSTEM TO TERMINATE 6" ABV. FIN. GRD.



Know what's below.
Call before you dig.

WOODMEN VALLEY CHAPEL- MONUMENT CAMPUS FINAL PD SITE PLAN

CONSULTANT:
PLANNER/CIVIL ENGINEER/LANDSCAPE ARCHITECT:

Matrix
Excellence by Design
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PROJECT:

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DEVELOPER:

WOODMEN VALLEY CHAPEL
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COLORADO SPRINGS, CO 80919
(719) 388-5000

ISSUE: MAY 22 2020

DRAWING INFORMATION:

PROJECT NO:	18.346.017
DRAWN BY:	MPC
CHECKED BY:	MPC
APPROVED BY:	MPC
SHEET TITLE:	

PHOTOMETRIC PLAN

PLANNING FILE NO:

E-1

SHEET 9 OF 10

GENERAL NOTES

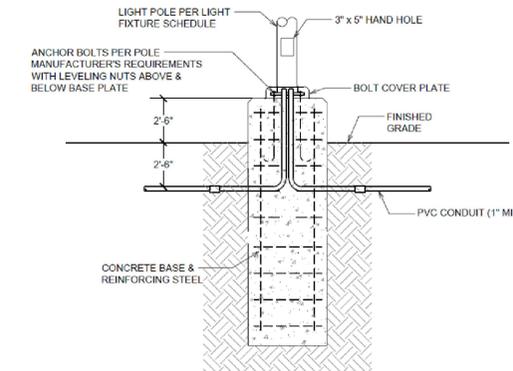
- A. ALL MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF LOCAL AND NATIONAL ELECTRICAL CODES, ELECTRICAL SPECIFICATIONS, AND DRAWINGS.
- B. ILLUMINATION WITHIN THE SITE SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE REQUIREMENT FROM SECTION 1008 - MEANS OF EGRESS ILLUMINATION. "ILLUMINATION REQUIRED: THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED" AND SECTION 1008.2.1 ILLUMINATION LEVEL. "THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE FLOOR LEVEL, AND CONTINUING TO THE PUBLIC WAY."

LUMINAIRE FIXTURE SCHEDULE								
MARK	MANUFACTURER	CATALOG NO.	LAMPS	FINISH	MOUNTING	WATTAGE	VOLTAGE	REMARKS
S4W	BEACON OR EQUAL	VPL-80L-180-4K7-4W	(80) LED 4000K 19000LUMENS	BLACK	POLE 24' AFG	180W	120V	POLE MOUNT AREA LIGHT WITH ONE TYPE 4 WIDE HEAD
S42W	BEACON OR EQUAL	VPL-80L-180-4K7-4W	(80) LED 4000K 19000LUMENS	BLACK	POLE 24' AFG	180W	120V	POLE MOUNT AREA LIGHT WITH TWO TYPE 4 WIDE HEAD
S3	BEACON OR EQUAL	VPL-80L-180-4K7-3	(80) LED 4000K 19000LUMENS	BLACK	POLE 24' AFG	180W	120V	POLE MOUNT AREA LIGHT WITH ONE TYPE 3 HEAD
W1	HUBBELL OR EQUAL	TRP2-24L-30-4K7-WT	(24) LED 4000K 3650 LUMENS	DARK BRONZE	SURFACE 12' AFG	30W	120V	OUTDOOR WALL PACK, TYPE 4 DISTRIBUTION, PHOTO CELL BUTTON OPTION

LUMINAIRE

POINT BY POINT CALCULATION SUMMARY			
AREA NAME	AVERAGE	MAXIMUM	MINIMUM
PROPERTY (+)	2.77 fc	6.3 fc	0.3 fc

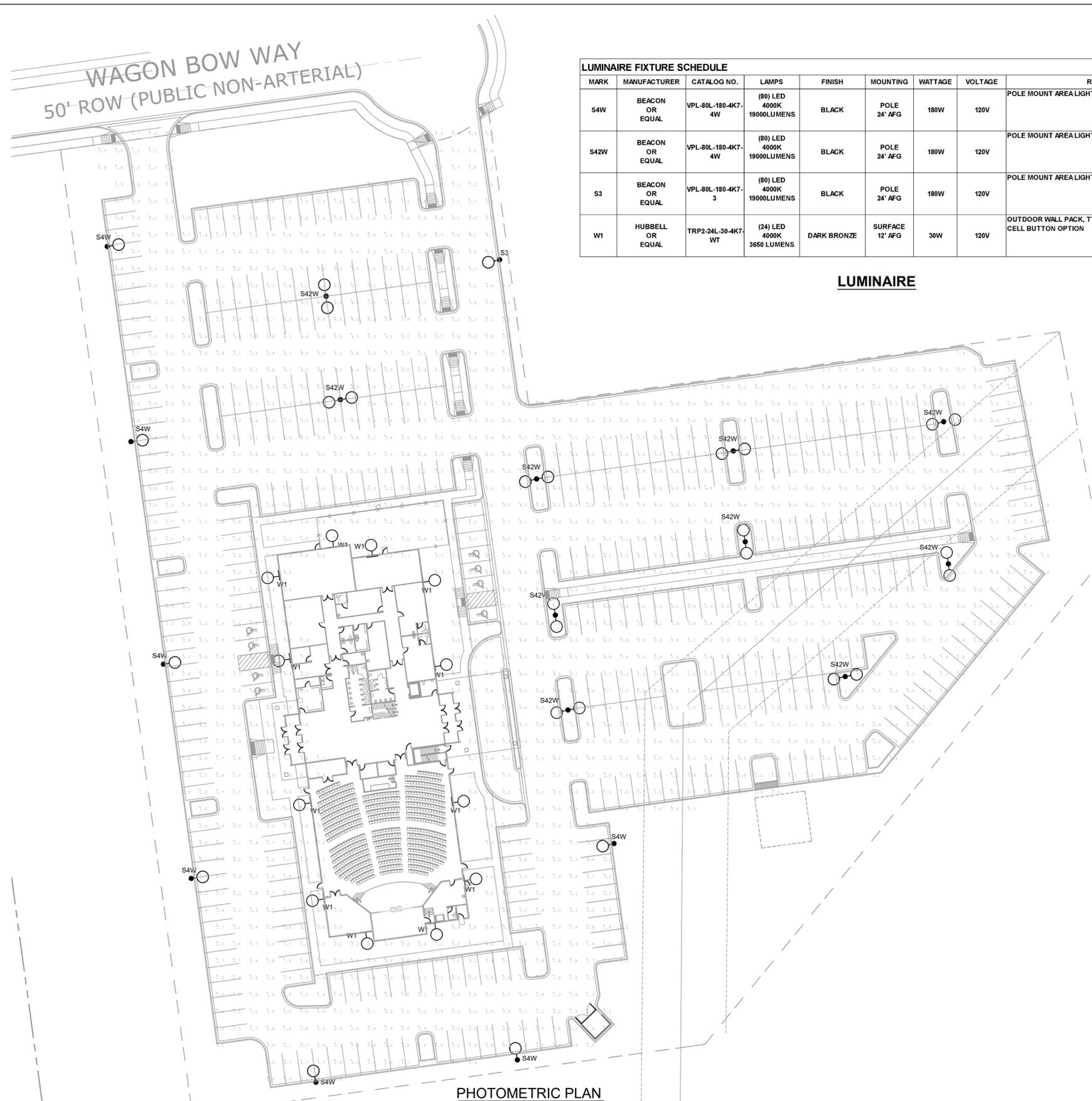
POINT BY POINT



BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL ENGINEER TO PROVIDE STRUCTURAL DESIGN FOR POLE BASE.

POLE BASE DETAIL 1

SCALE: NTS



PHOTOMETRIC PLAN
SCALE: 1/32" = 1'-0"

BEACON
VIPER L
 LARGE VIPER LUMINAIRE

- FEATURES**
- Large size companion to Viper Small
 - Wide choice of different LED wattage configurations
 - Ten output distributions
 - Designed to replace HID lighting up to 1000W MH or HPS
 - Suitable for wet locations



CONTROL TECHNOLOGY
 NX DISTRIBUTION | wISCAPE | energize | SiteSonic

SPECIFICATIONS

CONSTRUCTION

- Manufactured with die cast aluminum
- Coated with a polyester finish that meets ASTM B77 corrosion test requirements and ASTM D522 cracking and adhesion test requirements
- IP5 polyester powder coat electrostatically applied and thermocured. IP5 finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TIG polyester powder coat finish
- The finish meets the AAMA 2604 performance specification which includes passing a 3,000-hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts up to 160 inch pounds
- External hardware is corrosion resistant

OPTICS

- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one-piece optical system
- One-piece silicone gasket ensures a weatherproof seal around each individual optic
- One-piece optical cartridge system, gasket and stainless steel bezel

INSTALLATION

- Mounting options for horizontal arm, vertical tenon or traditional arm mounting available. Mounting hardware included

ELECTRICAL

- Luminaires accepts 100V through 277V, 347V or 480V input 50 Hz to 60 Hz (UNV)
- Power factor is > 90 at full load
- Dimming drivers are standard, but CD must be selected in options to obtain external wiring leads for dimming controls
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher
- Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary DALI side only
- Future electrical compartment contains all LED driver components
- Optional 7-pin ANSI C136.31 2013 "Loose" photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices
- Ambient operating temperature -40°C to 25°C
- Surge protection 20kA
- UL9540 "Circuit (see Electrical Data)

CONTROLS (CONTINUED)

- Available with EziSync for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night
- In addition, Viper can be specified with SiteSonic wireless control system for reduction in energy and maintenance costs while optimizing light quality 24/7

CERTIFICATIONS

- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Certified to UL 1598 and UL 8750
- 3G rated for ANSI C136.31 high vibration applications with MAF mounting
- ICA approved
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate specs available online

WARRANTY

- 5 year warranty
- See HLI Commercial and Industrial Outdoor Lighting Warranty for additional information



KEY DATA	
Lumen Range	14,283-29,569
Wattage Range	64-395
Efficacy Range (LPW)	98-135
Reported Life (Hours)	L70>37,000
Input Current Range (Amps)	0.3-4.0

Page 198 Rev. 03/24/20
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 700 Millennium Boulevard - Greenville, SC 29607 | Tel: 864.678.0000 | Website: www.hubbell.com/beacon

BEACON
VIPER L
 LARGE VIPER LUMINAIRE

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CONTROL TECHNOLOGY
 NX DISTRIBUTION | wISCAPE | energize | SiteSonic

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CONTROLS (CONTINUED)

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KEY DATA	
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Reported Life (Hours)	L70>37,000
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 700 Millennium Boulevard - Greenville, SC 29607 | Tel: 864.678.0000 | Website: www.hubbell.com/beacon

HUBBELL
Outdoor Lighting
GEOPAK Series 2
 SIZE 2 - TRP2/OSP2/RD12

- FEATURES**
- Mid sized architectural wallpacks in three stylish shapes
 - Capable of replacing up to 400W HID luminaire
 - Type I, II and IV distributions for a wide variety of applications
 - Integral battery backup options
 - Control capabilities offer additional energy savings options
 - Zero uplight distributions
 - Inverted mounting capable for under canopy and facade lighting



CONTROL TECHNOLOGY
 NX DISTRIBUTION | wISCAPE | energize | SiteSonic

SPECIFICATIONS

CONSTRUCTION

- Die-cast aluminum housing and door
- Seven powder coat standard finishes, plus custom color options

OPTICS

- 24" x 22" high power LEDs deliver up to 10,800 lumens
- Up to 146 lumens per watt
- Different lenses offer a variety of distribution patterns - Type I, II, III and IV (Forward throw)
- 3000K - 70 CRI, 4000K - 70 CRI and 5000K - 70 CRI, CCT nominal

INSTALLATION

- Quick-mount adapter with gasket seal provides easy installation to wall or to recessed junction box (4" square junction box). Fixture attaches by two Allen-head hidden fasteners for tamper resistance
- Back box accessory available for surface conduit application

ELECTRICAL

- Optional Dual Drivers & Dual Power Feeds for 50, 70 and 90 watt versions
- 120-277, 347 and 480V, 50/60Hz
- Power factor > 90
- THD (Total Harmonic Distortion) < 20%

ELECTRICAL (CONTINUED)

- Ambient operating temperature -40°C to 40°C
- 20kA surge protection (limited). Automatically takes fixture off-line when device is compromised
- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Includes a long-life Lithium Iron Phosphate battery with optional battery heater for cool temperature application
- Utilizes 4 LEDs in emergency mode with 657 lumens. Each of the 4 LEDs in emergency are designed to function independently in the unlikely event of a single LED malfunction
- Spectron® self-testing/self-diagnostic electronics are included standard
- Independent dedicated driver and LED array for battery/emergency mode operation

CONTROLS (CONTINUED)

- In addition, GeoPak Size 2 can be specified with SiteSonic wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbell.com/beacon for more details

CERTIFICATIONS

- IP65 rated housing
- DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Zero uplight (U0), dark sky neighbor friendly
- Drivers IP66 and RH85 compliant
- 5 year limited warranty
- See HLI Standard Warranty for additional information



KEY DATA	
Lumen Range	3,200-11,000
Wattage Range	28-87
Efficacy Range (LPW)	112-146
Future Projected Life (Hours)	L70-60K
Weights lbs. (kg)	16-18 (7.3-8.2)

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BEACON
VIPER L
 LARGE VIPER LUMINAIRE

ORDERING GUIDE

Example: VPL-96L-280-487-4W-UNV-A-DRT-GEN-04-BC

Series	LED Engine	CCT/CRI*	Distribution	Rotation	Voltage
VPL	64L-96 150W LED array	3K7 3000K, 70 CRI	FR 1	Type I Front Row	UNV 50-277V
VPL	80L-235 220W LED array	3K7 3000K, 70 CRI	FR 2	Optic rotation left†	507-480V
VPL	96L-220 220W LED array	3K7 3000K, 70 CRI	FR 3	Optic rotation right†	480-370V
VPL	96L-395 395W LED array	3K7 3000K, 70 CRI	FR 4	Optic rotation right†	480-370V

Mounting	Color	Control Options	Options
A Rectangular Arm (Barny) RM for square or round pipe	BLT Black Matte Textured	FR 7-Pin Receptacle only (shorting caps, photo control or wireless control provided by other†)	BC Backsheet (available for PS, 2, 3, 4-W Output)
MAF Mast Arm Fiber (Primary SP2) for 2" x 4" OD horizontal arm	BSL Black Gloss Smooth	FR-CL 7-Pin Receptacle w/Loose™ photo control	CD Continuous Dimming
K Knuckle (Formly PK2) into to 3/8" or 2" x 2" horizontal arm or vertical tenon	DBS Dark Bronze Matte Textured	FR-CT 7-Pin Receptacle w/Loose™ photo control	F Frang
WB Wall Bracket	DTT Dark Bronze Gloss Smooth	SCPL-F Programmable Occupancy Sensor or Daylight Control††	TB Terminal Block
AD Universal Arm for square pipe	LSL Light Grey Gloss Smooth	GENXX ENERGY	
AD3 Universal Arm with adapter for 2"-4" round pipe	PS Platinum Silver Smooth	SWP SiteSonic Pk-Commission w/ Sensor†††	
AD4 Universal Arm with adapter for 4"-5.5" round pipe	WH White Matte Textured	SWP_M SiteSonic Pk-Commission w/ Sensor†††	
AD5 Universal Arm with adapter for 5.5"-5.9" round pipe	WHT White Gloss Smooth	CC Custom Color	
AD6 Universal Arm with adapter for 6.0"-6.5" round pipe	WHT White Gloss Smooth		

House Side Shield Accessories

<input type="checkbox"/> HSEVPL96FB00X 90° shield front or back	<input type="checkbox"/> VPL-AD-99A3 2.4"-4" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96LB00X 90° shield left or right	<input type="checkbox"/> VPL-AD-99A4 4.2"-5.2" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96RB00X 270° shield front or back	<input type="checkbox"/> VPL-AD-99A5 5.5"-5.9" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96LB00X 270° shield left or right	<input type="checkbox"/> VPL-AD-99A6 6.0"-6.5" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96R00X Full shield	

Accessories and Services (Ordered Separately)

- SCP-REMOT Remote Control for SCP. If option, order at least one per project to program and control the occupancy sensor.
- SWUSP StylicSync interface software loaded on USB flash drive for use with center supplied PC software based on Windows 10/8/7. Includes StylicSync Remote, software and USB radio bridge node.
- SWB Windows tablet and StylicSync interface software. Includes tablet with pre-installed software, StylicSync Remote and USB radio bridge node.
- SWBGS StylicSync USB radio bridge node only. Order if a replacement is required or if a radio bridge node is requested.
- SWPR StylicSync 7-Pin on feature module On/Off/Dim, Daylight Sensor 200-400VAC.
- BRD-SPKE-4 Bird Spikes

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BEACON
VIPER L
 LARGE VIPER LUMINAIRE

ORDERING GUIDE

Example: VPL-96L-280-487-4W-UNV-A-DRT-GEN-04-BC

Series	LED Engine	CCT/CRI*	Distribution	Rotation	Voltage
VPL	64L-96 150W LED array	3K7 3000K, 70 CRI	FR 1	Type I Front Row	UNV 50-277V
VPL	80L-235 220W LED array	3K7 3000K, 70 CRI	FR 2	Optic rotation left†	507-480V
VPL	96L-220 220W LED array	3K7 3000K, 70 CRI	FR 3	Optic rotation right†	480-370V
VPL	96L-395 395W LED array	3K7 3000K, 70 CRI	FR 4	Optic rotation right†	480-370V

Mounting	Color	Control Options	Options
A Rectangular Arm (Barny) RM for square or round pipe	BLT Black Matte Textured	FR 7-Pin Receptacle only (shorting caps, photo control or wireless control provided by other†)	BC Backsheet (available for PS, 2, 3, 4-W Output)
MAF Mast Arm Fiber (Primary SP2) for 2" x 4" OD horizontal arm	BSL Black Gloss Smooth	FR-CL 7-Pin Receptacle w/Loose™ photo control	CD Continuous Dimming
K Knuckle (Formly PK2) into to 3/8" or 2" x 2" horizontal arm or vertical tenon	DBS Dark Bronze Matte Textured	FR-CT 7-Pin Receptacle w/Loose™ photo control	F Frang
WB Wall Bracket	DTT Dark Bronze Gloss Smooth	SCPL-F Programmable Occupancy Sensor or Daylight Control††	TB Terminal Block
AD Universal Arm for square pipe	LSL Light Grey Gloss Smooth	GENXX ENERGY	
AD3 Universal Arm with adapter for 2"-4" round pipe	PS Platinum Silver Smooth	SWP SiteSonic Pk-Commission w/ Sensor†††	
AD4 Universal Arm with adapter for 4"-5.5" round pipe	WH White Matte Textured	SWP_M SiteSonic Pk-Commission w/ Sensor†††	
AD5 Universal Arm with adapter for 5.5"-5.9" round pipe	WHT White Gloss Smooth	CC Custom Color	
AD6 Universal Arm with adapter for 6.0"-6.5" round pipe	WHT White Gloss Smooth		

House Side Shield Accessories

<input type="checkbox"/> HSEVPL96FB00X 90° shield front or back	<input type="checkbox"/> VPL-AD-99A3 2.4"-4" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96LB00X 90° shield left or right	<input type="checkbox"/> VPL-AD-99A4 4.2"-5.2" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96RB00X 270° shield front or back	<input type="checkbox"/> VPL-AD-99A5 5.5"-5.9" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96LB00X 270° shield left or right	<input type="checkbox"/> VPL-AD-99A6 6.0"-6.5" Round Pipe Adapter for AD arm
<input type="checkbox"/> HSEVPL96R00X Full shield	

Accessories and Services (Ordered Separately)

- SCP-REMOT Remote Control for SCP. If option, order at least one per project to program and control the occupancy sensor.
- SWUSP StylicSync interface software loaded on USB flash drive for use with center supplied PC software based on Windows 10/8/7. Includes StylicSync Remote, software and USB radio bridge node.
- SWB Windows tablet and StylicSync interface software. Includes tablet with pre-installed software, StylicSync Remote and USB radio bridge node.
- SWBGS StylicSync USB radio bridge node only. Order if a replacement is required or if a radio bridge node is requested.
- SWPR StylicSync 7-Pin on feature module On/Off/Dim, Daylight Sensor 200-400VAC.
- BRD-SPKE-4 Bird Spikes

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HUBBELL
Outdoor Lighting
GEOPAK Series 2
 SIZE 2 - TRP2/OSP2/RD12

ORDERING GUIDE

Example: TRP2-24L30-3K7-2-UNV-08

Series	LED Engine	CCT/CRI*	Distribution	Voltage	Secondary Mounting
TRP2	24L-30 24 LEDs, 30 watts	3K7 3000K, 70 CRI	1 TYPE I	UNV 00-277V	BLANK Downlight Only
RD12	24L-90 24 LEDs, 90 watts	3K7 3000K, 80 CRI	2 TYPE I	100 100V	
OSP2	24L-90 24 LEDs, 90 watts	4K2 4000K, 70 CRI	4 TYPE I	200 200V	
	24L-90 24 LEDs, 90 watts	4K8 4000K, 80 CRI	4 TYPE I	240 240V	
	32L-90 32 LEDs, 90 watts	5K7 5000K, 70 CRI	4 TYPE I	277 277V	
	32L-90 32 LEDs, 90 watts	5K9 5000K, 90 watts	4 TYPE I	UNV 345-480V	
				347 347V	
				480 480V	

Mounting	Color	Control Options	Options
BL Backsheet	PC Button Protocol	FR 7-Pin Receptacle only (shorting caps, photo control or wireless control provided by other†)	DP Double Use & Use Holder
DB Dark bronze textured	SCP† Programmable occupancy sensor (factory default is 10% light output - Sensor Control Circuit)	FR-CL 7-Pin Receptacle w/Loose™ photo control	EP Battery pack (30°C) with holder
GT Granite textured	SCP†† Self-SCPSSCO & SWPM Mount Height	FR-CT 7-Pin Receptacle w/Loose™ photo control	ED Drivers
GR Grey textured matte	SWP Up to 8ft mount height	SCPL-F Programmable Occupancy Sensor or Daylight Control††	EPH Power feeds
GY Light grey smooth	SWP_M Up to 20ft mount height	GENXX ENERGY	CS Conduit shield
PS Platinum silver smooth	CC Custom color	SWP_M SiteSonic Pk-Commission w/ Sensor†††	
WH White textured			
CC Custom color			

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
<input type="checkbox"/> SCP-REMOT Remote control for SCP. Order at least one per project.	
<input type="checkbox"/> BB-GE0-X Back box with 4"2" threaded conduit holes, specify finish by replacing "30" with finish selection, eg. Dark Bronze "DB"	
<input type="checkbox"/> SWUSP StylicSync interface software loaded on USB flash drive (Windows based only)	
<input type="checkbox"/> SWTAB StylicSync Windows Tablet	
<input type="checkbox"/> SWBGS StylicSync Wireless Bridge Node	

Notes:

- * All units are 120V unless otherwise noted.
- † All units are 120V unless otherwise noted.
- †† All units are 120V unless otherwise noted.
- ††† All units are 120V unless otherwise noted.

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Know what's below.
 Call before you dig.

GENERAL NOTES

- ALL MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF LOCAL AND NATIONAL ELECTRICAL CODES, ELECTRICAL SPECIFICATIONS, AND DRAWINGS.
- ILLUMINATION WITHIN THE SITE SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE REQUIREMENT FROM SECTION 1008 - MEANS OF EGRESS ILLUMINATION, "ILLUMINATION REQUIRED: THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED" AND SECTION 1008.2.1 ILLUMINATION LEVEL, "THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE FLOOR LEVEL, AND CONTINUING TO THE PUBLIC WAY."

WOODMEN VALLEY CHAPEL-MONUMENT CAMPUS FINAL PD SITE PLAN

CONSULTANT:
 PLANNER/CIVIL ENGINEER/LANDSCAPE ARCHITECT:

Matrix
 Excellence by Design
 2435 Research Parkway, Suite 300
 Colorado Springs, CO 80920
 Phone 719-575-0100
 Fax 719-575-0208

ARCHITECT:

 12325 Oracle Blvd., Suite 111
 Colorado Springs, CO 80921
 Phone 719-484-0480

CONSTRUCTION:

 919 W. Cucharas Street, Suite 100
 Colorado Springs, CO 80905
 Phone 719-465-2519

PHOTOMETRICS:

 110 S. Sierra Madre
 Colorado Springs, CO 80903
 Phone 719-418-4213

WOODMEN VALLEY CHAPEL MONUMENT CAMPUS PD SITE PLAN TOWN OF MONUMENT