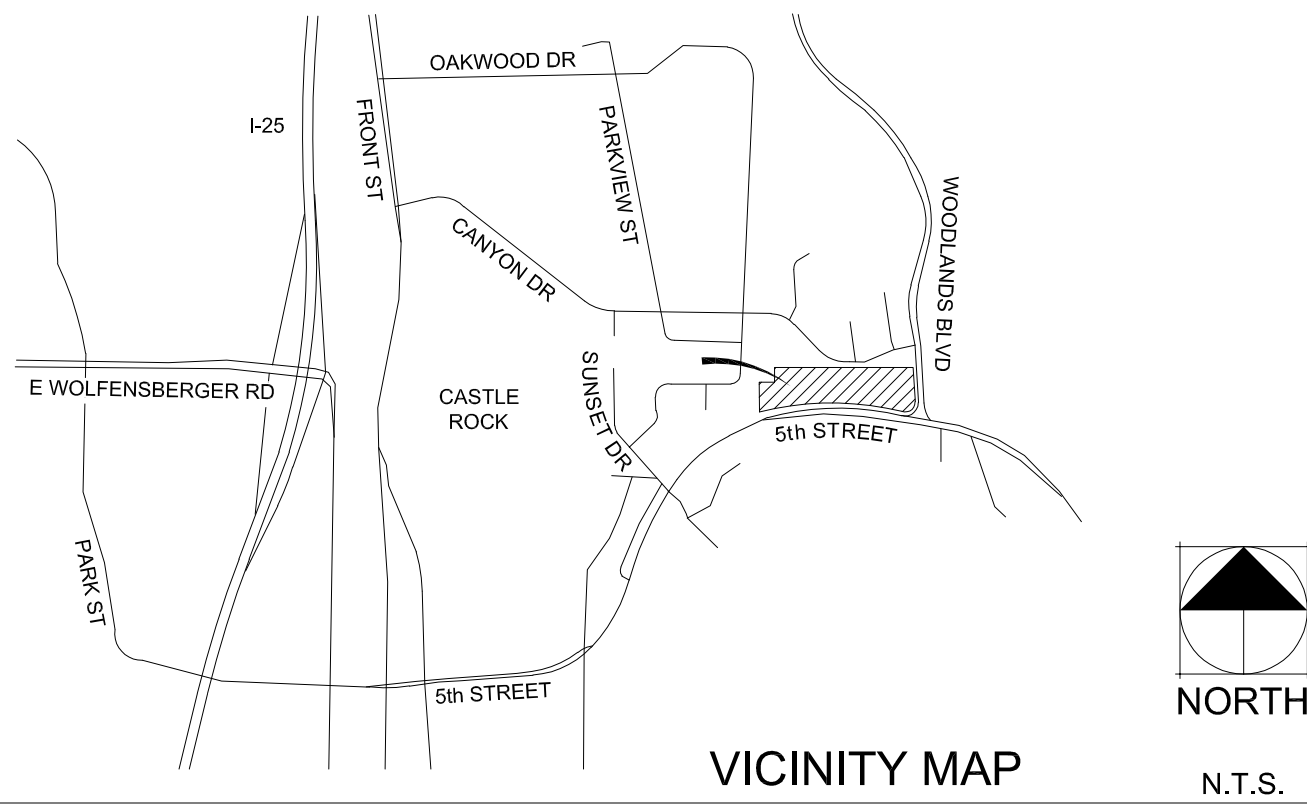


CALVARY CHAPEL SITE DEVELOPMENT PLAN
LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE
67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO



LEGAL DESCRIPTION

ALL OF THOSE PROPERTIES DESCRIBED IN THE DOCUMENT RECORDED UNDER RECEPTION NO. 2016009092 IN THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., SAID POINT BEING THE SOUTHWESTERLY CORNER OF THE WOODLANDS FILING NO. 8 RECORDED UNDER RECEPTION NO. 9348216 IN THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER:

THENCE ON THE SOUTHERLY LINE OF SAID THE WOODLANDS FILING NO. 8, THE FOLLOWING FOUR (4) COURSES:

- N88°46'20"E A DISTANCE OF 40.00 FEET;
- N02°18'30"E A DISTANCE OF 75.14 FEET;
- N88°46'20"E A DISTANCE OF 960.36 FEET;
- S01°13'40"E A DISTANCE OF 75.00 FEET, TO THE NORTHWESTERLY CORNER OF CASTLE ROCK CHURCH OF CHRIST RECORDED UNDER RECEPTION NO. 01101066;

THENCE ON THE WESTERLY LINE OF SAID CASTLE ROCK CHURCH OF CHRIST, THE FOLLOWING TWO (2) COURSES:

- S01°13'40"E A DISTANCE OF 160.26 FEET, TO A POINT OF CURVE;
- ON THE ARC OF A NON-TANGENT CURVE TO THE RIGHT, WHOSE CENTER BEARS S88°21'48"W, HAVING A RADIUS OF 45.00 FEET, A CENTRAL ANGLE OF 99°37'10" AND AN ARC LENGTH OF 78.24 FEET, TO A POINT OF NON-TANGENT ON THE NORTHERLY RIGHT-OF-WAY LINE OF 5TH STREET AS DESCRIBED IN THE DOCUMENT RECORDED UNDER RECEPTION NO. 2006057785;

THENCE ON SAID NORTHERLY RIGHT-OF-WAY LINE, THE FOLLOWING FOUR (4) COURSES:

- N81°41'33"W A DISTANCE OF 331.83 FEET, TO A POINT OF NON-TANGENT CURVE;
- ON THE ARC OF A NON-TANGENT CURVE TO THE LEFT, WHOSE CENTER BEARS S08°15'45"W, HAVING A RADIUS OF 1333.30 FEET, A CENTRAL ANGLE OF 09°57'34" AND AN ARC LENGTH OF 231.76 FEET, TO A POINT OF NON-TANGENT;
- S81°21'22"W A DISTANCE OF 156.86 FEET, TO A POINT OF NON-TANGENT CURVE;
- ON THE ARC OF A NON-TANGENT CURVE TO THE LEFT, WHOSE CENTER BEARS S08°34'20"E, HAVING A RADIUS OF 1323.30 FEET, A CENTRAL ANGLE OF 10°49'25" AND AN ARC LENGTH OF 249.98 FEET, TO A POINT OF NON-TANGENT ON THE EASTERLY LINE OF A REPLAT OF LOTS 18, 19, 20 AND 21, OAKWOOD PARK, RECORDED UNDER RECEPTION NO. 313658;

THENCE ON SAID EASTERLY LINE AND THE EASTERLY LINE OF OAKWOOD PARK RECORDED UNDER RECEPTION NO. 1977204309, N00°03'54"W A DISTANCE OF 207.23 FEET, TO THE POINT OF BEGINNING.

CONTAINING A CALCULATED AREA OF 238,722 SQUARE FEET OR 5.4344 ACRES.

BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8.
ELEVATION=6388.90 NAVD88

ZONING COMPARISON		
ZONING	CALVARY CHAPEL PD	
	REQUIREMENT	PROVIDED
PERMITTED USES	CHURCH AND RELATED USES PER SECTION 17 OF THE PD ZONING REGULATIONS	CHURCH AND RELATED OFFICE AND CLASSROOM USES
MAX. BUILDING COVERAGE	35%	10%
MAX. FLOOR AREA RATIO (FAR)	0.35	0.10
MAX. SPIRE HEIGHT ABOVE BUILDING	15'	N/A
MIN. BUFFER FROM NORTH & WEST PROP. LINE	30'	30'
MIN. SETBACK FROM FIFTH STREET	25'	41'
MIN. SETBACK FROM WOODLANDS BLVD.	25'	315'
MIN. SETBACK FROM NORTH PROP. LINE	30'	67'
MIN. SETBACK FROM WEST PROP. LINE	30'	434'
MAX. BUILDING HEIGHT	35- FEET	33- FEET 7 INCHES AVG.
MINIMUM PARKING	1 SPACE PER 3 SEATS IN THE SANCTUARY	PROVIDED= 253 SANCTUARY SEATS=758 (758/3 =253)
MINIMUM ADA PARKING	PER MUNI. CODE 7 ADA SPACES REQUIRED FOR 201 TO 300 TOTAL LOT SPACES	PROVIDED = 8 TOTAL LOT SPACES=253
SITE UTILIZATION		
	S.F.	% OF TOTAL
BUILDING COVERAGE	22,788	9.8%
PARKING COVERAGE	99,189	41.9%
SIDEWALK COVERAGE	10,855	4.6%
LANDSCAPE/ OPEN SPACE COVERAGE	103,890	43.9%
TOTAL	236,722	100%

OWNERSHIP CERTIFICATION

THE UNDERSIGNED ARE ALL THE OWNERS OF CERTAIN LANDS IN THE TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS AND STATE OF COLORADO DESCRIBED HEREIN.

CALVARY CHAPEL, CASTLE ROCK,
A COLORADO NON-PROFIT CORPORATION

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME THIS ____ DAY OF _____, 20____.

BY _____ AS _____
OF CALVARY CHAPEL, CASTLE ROCK

WITNESS MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC

MY COMMISSION EXPIRES: _____.

PLANNING
COMMISSION RECOMMENDATION

THIS SITE DEVELOPMENT PLAN WAS RECOMMENDED FOR APPROVAL BY THE PLANNING COMMISSION OF THE TOWN OF CASTLE ROCK, COLORADO

ON THE ____ DAY OF _____, 20____.

CHAIR _____ DATE _____

ATTEST:

DIRECTOR OF DEVELOPMENT SERVICES _____ DATE _____

TOWN COUNCIL APPROVAL

THIS SITE DEVELOPMENT PLAN WAS APPROVED BY THE TOWN COUNCIL OF THE TOWN OF CASTLE ROCK, COLORADO.

ON THE ____ DAY OF _____, 20____.

MAYOR _____ DATE _____

ATTEST:

TOWN CLERK _____ DATE _____

CLERK AND RECORDER CERTIFICATE

STATE OF COLORADO)

COUNTY OF DOUGLAS)

I HEREBY CERTIFY THAT THIS SITE DEVELOPMENT PLAN WAS FILED FOR RECORD IN MY OFFICE AT _____ O'CLOCK ____, M.,

THIS ____ DAY OF _____, 20____, A.D., AND IS DULY RECORDED UNDER RECEPTION NUMBER

OF THE RECORDS OF DOUGLAS COUNTY, COLORADO.

FEE: _____ BY: _____
DOUGLAS COUNTY CLERK AND RECORDER

CIVIL ENGINEER'S CERTIFICATE

I, _____, BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF COLORADO, HEREBY ATTEST THAT ALL GRADING, UTILITY AND DRAINAGE IMPROVEMENTS IDENTIFIED ON THIS SITE DEVELOPMENT PLAN HAVE BEEN DESIGNATED AND ENGINEERED IN CONFORMANCE WITH ALL TOWN OF CASTLE ROCK PUBLIC WORKS CONSTRUCTION STANDARDS.

REGISTERED PROFESSIONAL ENGINEER _____ DATE _____

REGISTRATION NUMBER _____

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 REPRESENTATIVE _____

TITLE COMPANY _____

SIGNED THIS ____ DAY OF _____, 20____.

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME THIS ____ DAY OF _____.

20 ____ BY _____ AS AUTHORIZED REPRESENTATIVE

OF _____.

WITNESS MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC _____

MY COMMISSION EXPIRES: _____.

AGENCIES

OWNER/DEVELOPER: CALVARY CHAPEL
1100 CAPRICE DR
CASTLE ROCK, CO. 80109
P~303.663.2514

LAND PLANNER /
PLAN PREPARER: THOMAS AND THOMAS
702 N. TEJON ST.
COLORADO SPRINGS, CO 80903
P~719.578.8777

ENGINEER/SURVEYOR: JR ENGINEERING
3730 SINTON ROAD, SUITE 219
COLORADO SPRINGS, CO 80907
P~303.267.6241

MORTGAGEES/LIENHOLDER: COLORADO EAST BANK & TRUST
104 S. CASCADE AVE.
COLORADO SPRINGS, CO 80903
P~719.577.4500

TOWN OF CASTLE ROCK: DEVELOPMENT SERVICES DEPARTMENT
100 WILCOX ST.
CASTLE ROCK, CO 80104
P~720-733-3511

PUBLIC WORKS DEPT.
4175 CASTLETON CT.
CASTLE ROCK, CO 80109
P~720-733-2462

UTILITY DEPARTMENT
175 KELLOGG CT.
CASTLE ROCK, CO 80109
P~720-733-6000

SURVEYOR'S CERTIFICATE

I, _____, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE SURVEY AND LEGAL DESCRIPTION REPRESENTED BY THIS SITE DEVELOPMENT PLAN WAS MADE UNDER MY SUPERVISION AND THE MONUMENTS SHOWN THEREON ACTUALLY EXIST AND THIS SITE DEVELOPMENT PLAN ACCURATELY REPRESENTS THAT SURVEY.

REGISTERED LAND SURVEYOR _____ DATE _____

REGISTRATION NUMBER _____

LIENHOLDER
SUBORDINATION CERTIFICATE

THE UNDERSIGNED ARE ALL THE MORTGAGEES AND LIENHOLDERS OF CERTAIN LANDS IN THE TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS AND STATE OF COLORADO DESCRIBED HEREON. THE UNDERSIGNED BENEFICIARY OF THE LIEN CREATED BY THE INSTRUMENT RECORDED FEBRUARY 17, 2016 AT RECEPTION NO. 2016009093.

DOUGLAS COUNTY, COLORADO, SUBORDINATES THE SUBJECT LIEN TO THE TERMS, CONDITIONS AND RESTRICTIONS OF THIS DOCUMENT.

COLORADO EAST BANK & TRUST _____

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME

THIS ____ DAY OF _____, 20____.

BY _____ AS _____
OF COLORADO EAST BANK & TRUST

WITNESS MY HAND AND OFFICIAL SEAL.

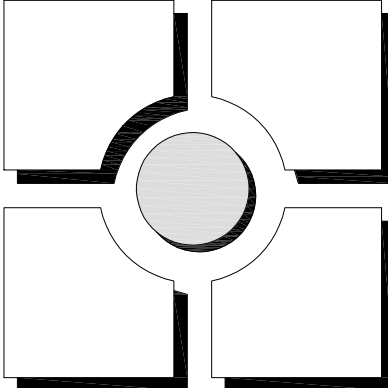
NOTARY PUBLIC _____

MY COMMISSION EXPIRES: _____.

SHEET INDEX

- COVER SHEET
- NOTES & DETAILS
- SITE DEVELOPMENT PLAN
- GENERAL GRADING PLAN
- GENERAL UTILITIES PLAN
- LANDSCAPE DATA
- CONCEPTUAL LANDSCAPE PLAN
- EXTERIOR ELEVATIONS
- ELECTRICAL SITE PLAN
- PHOTOMETRIC SITE PLAN

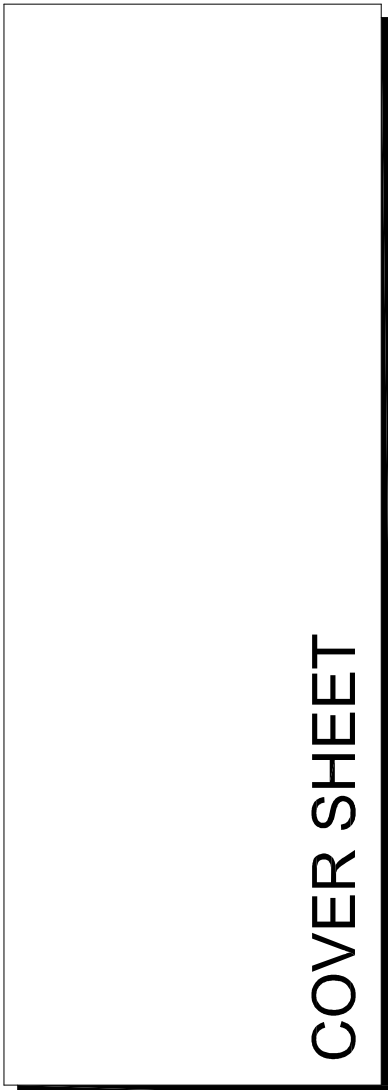
CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO. SDF16-0031



THOMAS & THOMAS
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Design
Landscape Architecture
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(719) 578-8777

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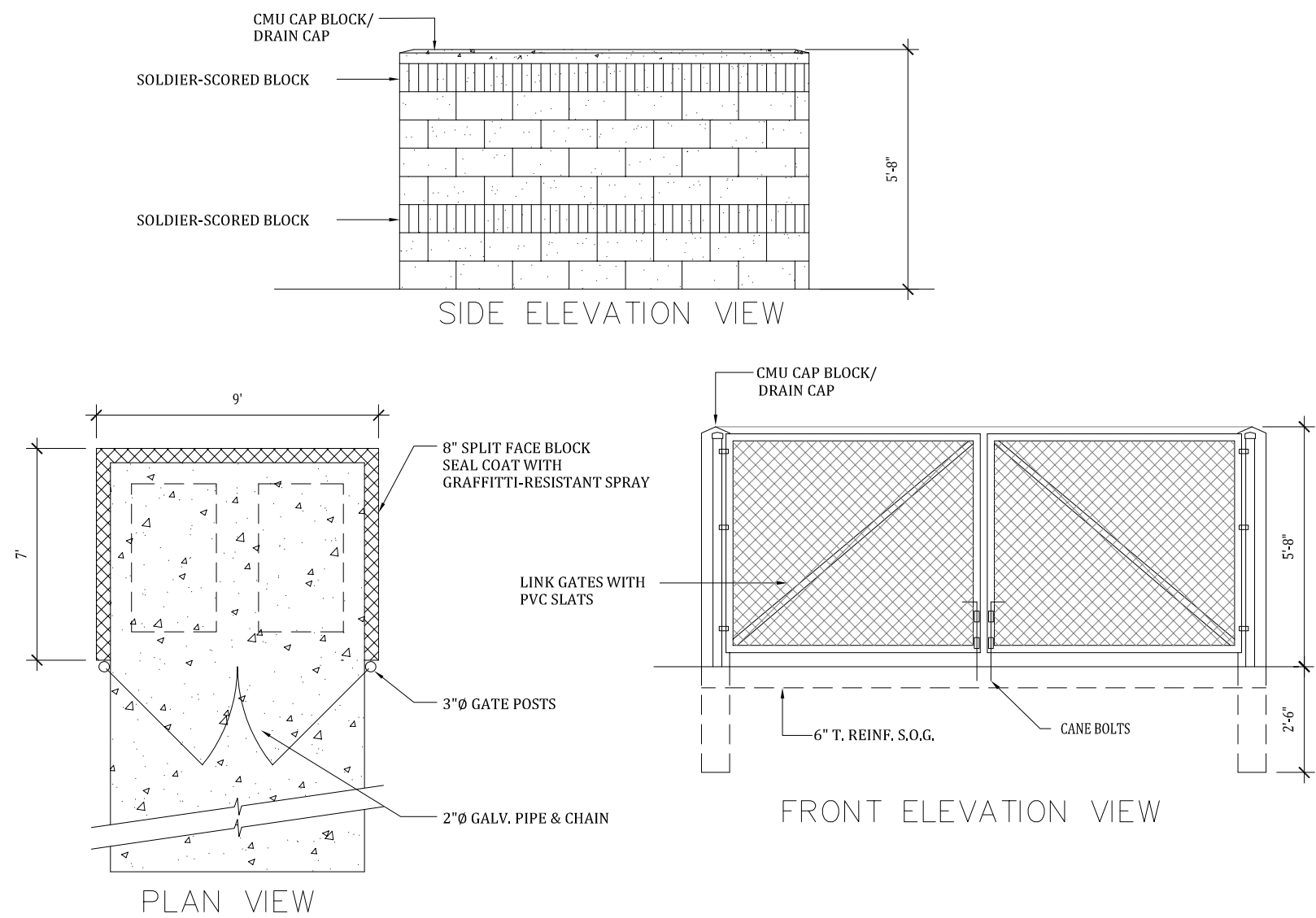
DESIGNED	JLK	07.20.16
DRAWN	JLK	07.20.16
CHECKED	JRA	07.20.16
PROJECT NUMBER:		3539.00
SCALE:		AS NOTED



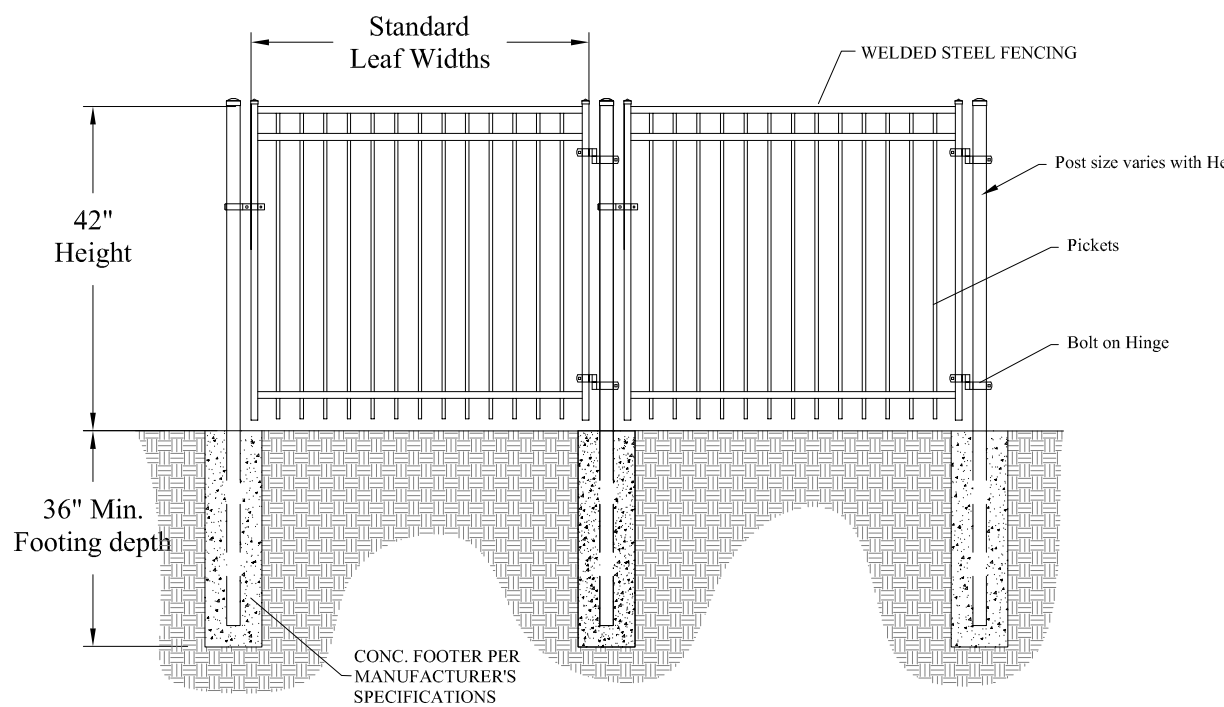
P1 1 of 14



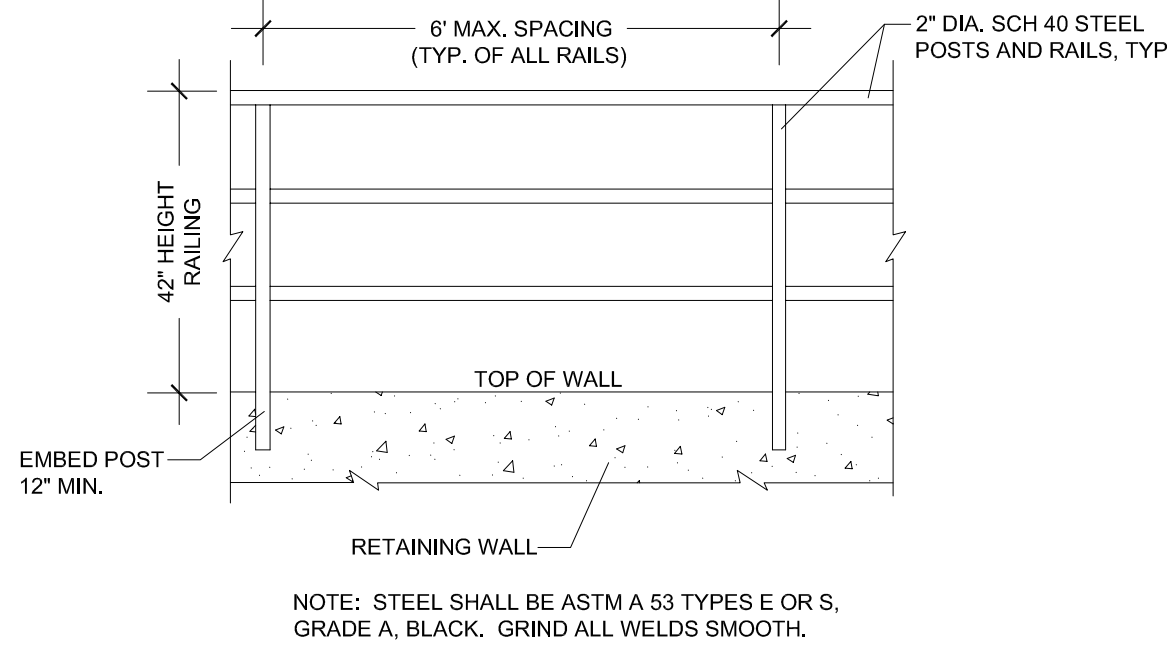
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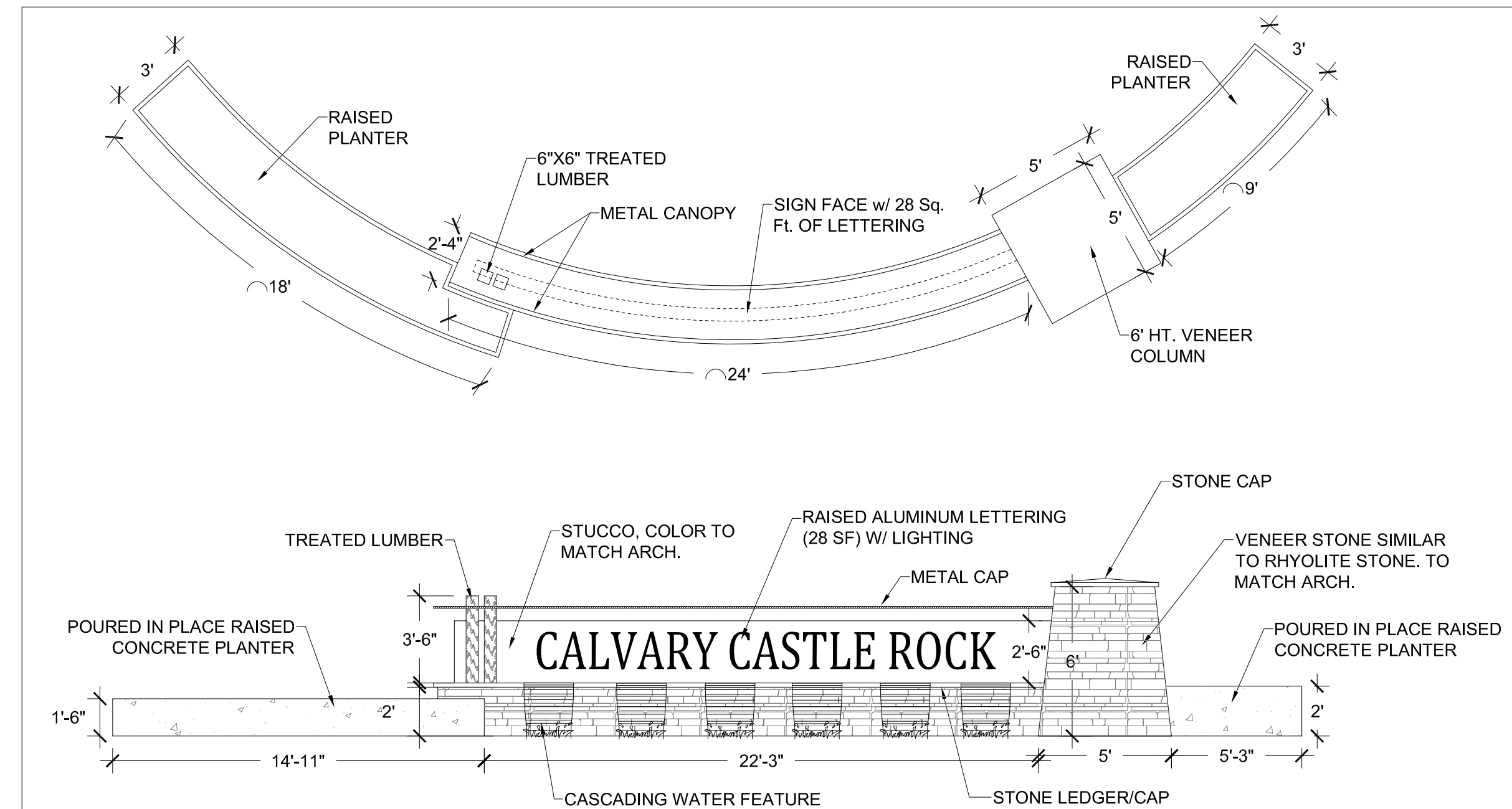
1 CMU TRASH ENCLOSURE DETAIL



2 PLAY AREA ORNAMENTAL FENCE



3 RETAINING WALL SAFETY RAILING



- GENERAL SIGN NOTES:
1. FINAL DESIGN, REVIEW, AND APPROVAL OF THE CASCADING WATER FEATURE TO BE COMPLETED WITH CONSTRUCTION DOCUMENTS.
 2. REQUIRED WATER DEMANDS OF CASCADING WATER FEATURE TO BE DETERMINED WITH CONSTRUCTION DOCUMENTS.
 3. THE WATER DEMANDS TO BE REVIEWED AND APPROVED BY THE TOWN OF CASTLE ROCK.
 4. MONUMENT SIGNAGE LETTERING AND LANDSCAPE LIGHTING TO BE PROVIDED WITH CONSTRUCTION DOCUMENTS.

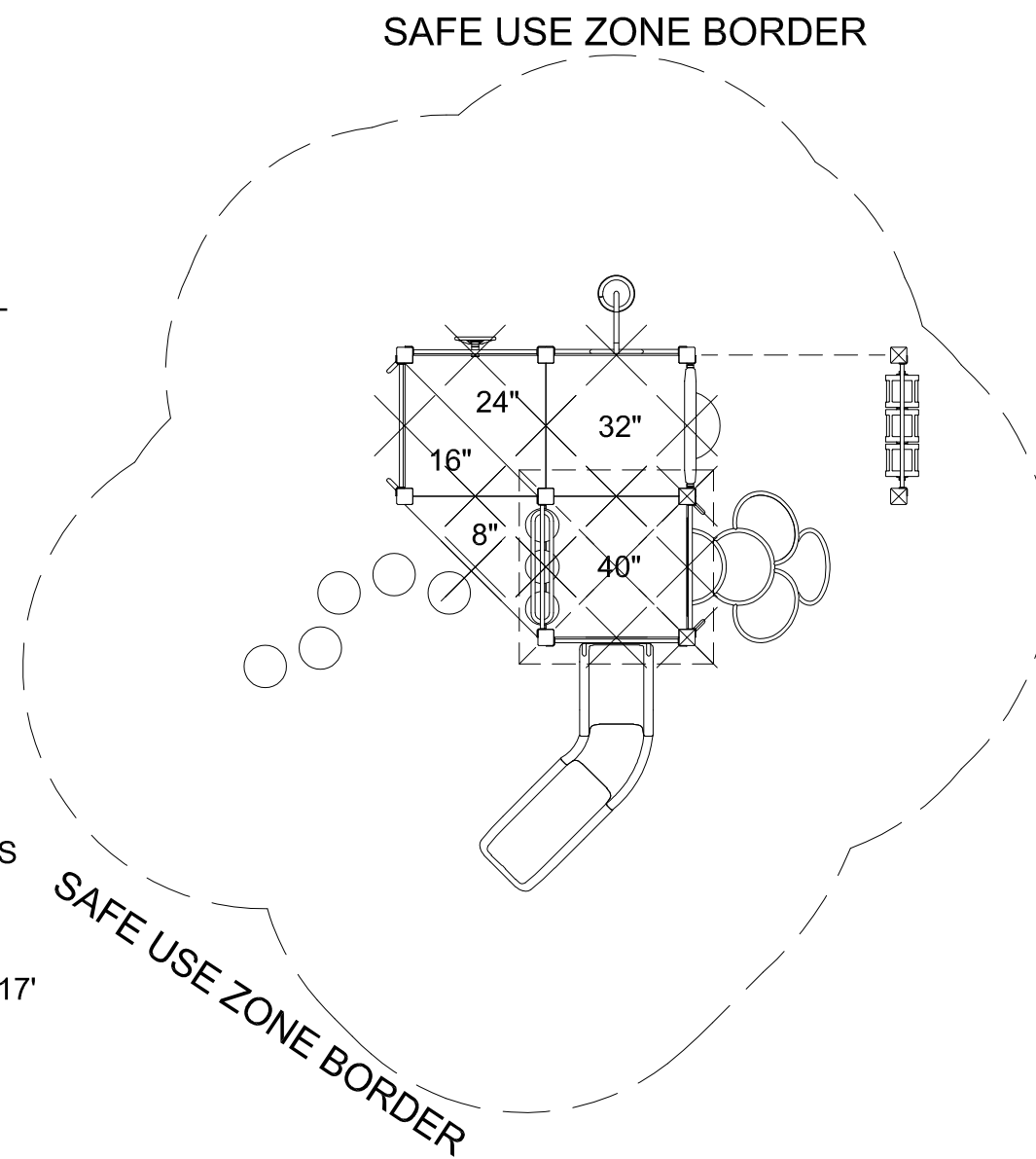
4 MONUMENT SIGN

TIMBERFORM PLAY EQUIPMENT
MODEL NO. 4805-TF

ACCESSIBLE ENTRANCE DECK
ARCH RING CLIMBER
BALUSTER WALL WITH SHIP'S WHEEL
BUBBLE PANEL
COIL CLIMBER
PERFORATED STEEL ROOF
SLIDE CHUTE, CURVED
SPELLING PANEL
STEPPING PAD (5)
TIC-TAC-TOE

ACCESSIBILITY PROFILE:
9 TOTAL PLAY COMPONENTS
5 ELEVATED PLAY COMPONENTS
(5 ACCESSIBLE)
4 GROUND LEVEL PLAY COMPONENTS
(4 ACCESSIBLE)

PLAY AREA, EQUIPMENT ONLY: 16' x 17'
MINIMUM SAFE USE ZONE: 28' x 29'



5 PLAY AREA: PLAY STRUCTURE



SITE DEVELOPMENT PLAN GENERAL NOTES

1. THE TOWN OF CASTLE ROCK REQUIRES THAT MAINTENANCE ACCESS BE PROVIDED TO ALL STORM DRAINAGE FACILITIES TO ASSURE CONTINUOUS OPERATIONAL CAPABILITY OF THE SYSTEM. THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL DRAINAGE FACILITIES INCLUDING, BUT NOT LIMITED TO, INLETS, PIPES, CULVERTS, CHANNELS, DITCHES, HYDRAULIC STRUCTURES, AND DETENTION BASINS LOCATED ON THIS PROPERTY, UNLESS MODIFIED BY THE SUBDIVISION IMPROVEMENTS AGREEMENT. SHOULD THE OWNER FAIL TO ADEQUATELY MAINTAIN SAID FACILITIES, THE TOWN SHALL HAVE THE RIGHT TO ENTER SAID PROPERTY FOR THE PURPOSES OF OPERATION AND MAINTENANCE. ALL SUCH MAINTENANCE COSTS WILL BE ASSESSED TO THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS. THE MAINTENANCE COSTS SHALL INCLUDE ALL ACTUAL COSTS FOR LABOR, EQUIPMENT AND MATERIALS AND A 25% FEE.
2. PURSUANT TO SECTION 4.3E AND 8.2.3A OF THE TOWN OF CASTLE ROCK LANDSCAPE REGULATIONS THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE AREA SUBJECT TO THE APPROVED SITE DEVELOPMENT PLAN. LANDSCAPING WITHIN PUBLIC RIGHTS-OF-WAY IS TO BE MAINTAINED BY THE ADJACENT PRIVATE PROPERTY OWNER OR THE HOMEOWNER/PROPERTY OWNER ASSOCIATION, AS APPLICABLE. LANDSCAPING SHALL BE CONTINUOUSLY MAINTAINED INCLUDING NECESSARY WATERING, WEEDING, PRUNING, MOWING, PEST CONTROL, AND REPLACEMENT OF DEAD OR DISEASED PLANT MATERIAL. UPON WRITTEN NOTICE BY THE TOWN, THE OWNER WILL HAVE 45 DAYS TO CURE OR REPLACE DAMAGED OR DEAD LANDSCAPE MATERIAL. IN THE CASE OF DISEASED LANDSCAPE MATERIAL, A SHORTER COMPLIANCE PERIOD MAY BE SPECIFIED IN SAID NOTICE. THE TOWN OF CASTLE ROCK WATER CONSERVATION ORDINANCE REGULATES TIMES OF SEASONAL IRRIGATION AND PROHIBITS THE WASTING OF POTABLE WATER THROUGH IMPROPER IRRIGATION.
3. THE LANDSCAPE AND IRRIGATION PLANS CONTAINED IN THE SITE DEVELOPMENT PLAN ARE CONCEPTUAL ONLY AND SUBJECT TO CHANGE WITH REVIEW OF THE CONSTRUCTION DOCUMENTS.
4. THE PROJECT SITE IS NOT LOCATED WITHIN A DESIGNATED FEMA FLOODPLAIN AS DETERMINED BY THE FLOOD INSURANCE RATE MAP, COMMUNITY MAP NUMBER 08035C0188G, REVISED MARCH 16, 2016.
5. ANY STREET SIGNS, STRIPING, STREET LIGHTS AND CURB RAMPS ARE CONCEPTUAL ONLY AND SUBJECT TO TOWN REVIEW WITH THE CONSTRUCTION DOCUMENTS. THESE ITEMS SHALL COMPLY WITH THE TOWN OF CASTLE ROCK'S REGULATIONS, STANDARDS AND REQUIREMENTS.
6. THE DEVELOPER SHALL CONFORM TO THE TOWN OF CASTLE ROCK "WATER USE MANAGEMENT PROGRAM IMPLEMENTATION POLICY", AS AMENDED FROM TIME TO TIME, FOR THIS PROJECT.
7. APPROVAL OF THIS CONCEPTUAL SITE DEVELOPMENT PLAN DOES NOT CONSTITUTE APPROVAL OF ANY DEVIATIONS FROM TOWN OF CASTLE ROCK REGULATIONS AND STANDARDS. ALL DEVIATIONS FROM TOWN REGULATIONS AND STANDARDS ARE SUBJECT TO THE APPROPRIATE PROCEDURES FOR APPROVAL.
8. NO SOLID OBJECT (EXCLUDING FIRE HYDRANTS, TRAFFIC CONTROL DEVICES AND TRAFFIC SIGNS) EXCEEDING THIRTY (30) INCHES IN HEIGHT ABOVE THE FLOWLINE ELEVATIONS OF THE ADJACENT STREET, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITY CABINETS, WALLS, FENCES, LANDSCAPE PLANTINGS, CROPS, CUT SLOPES, AND BERMS SHALL BE PLACED WITHIN SIGHT DISTANCE LINES AND SIGHT DISTANCE EASEMENTS.
9. ALL UTILITY, DRAINAGE, EMERGENCY ACCESS, SIGHT DISTANCE AND PUBLIC ACCESS/TRAIL EASEMENTS AS SHOWN ON THE SITE DEVELOPMENT PLAN SHALL BE GRANTED TO THE TOWN OF CASTLE ROCK WITH THE PLAT.
10. THIS SITE IS ZONED (PD) PLANNED DEVELOPMENT.
11. UNLESS OTHERWISE NOTED, ALL LOTS SHALL HAVE A 10-FOOT UTILITY EASEMENT ALONG THE FRONT AND REAR LOT LINES AND ALONG ALL PUBLIC RIGHTS-OF-WAY AND SHALL HAVE 5-FOOT UTILITY EASEMENTS ALONG EACH SIDE LOT LINE. THESE UTILITY EASEMENTS ARE FOR THE INSTALLATION, MAINTENANCE AND OPERATION OF UTILITIES AND DRAINAGE FACILITIES INCLUDING, BUT NOT LIMITED TO STREET LIGHTS, ELECTRIC LINES, GAS LINES, CABLE TELEVISION LINES, FIBER OPTIC LINES AND TELEPHONE LINES, AS WELL AS PERPETUAL RIGHT FOR INGRESS AND EGRESS FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF SUCH LINES.
12. RETAINING WALLS, SECTIONS OF RETAINING WALLS 4-FEET IN HEIGHT OR HIGHER OR TIERED WALLS MUST BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF COLORADO AND MUST RECEIVE A BUILDING PERMIT FROM THE TOWN OF CASTLE ROCK PRIOR TO THE ISSUANCE OF THE PUBLIC WORKS PERMIT.
13. A SIGN PERMIT FOR EACH SIGN MUST BE OBTAINED FROM THE TOWN OF CASTLE ROCK BUILDING DIVISION PRIOR TO PLACING ANY SIGN ON THE PROPERTY. ALL SIGNS MUST COMPLY WITH THE PROVISIONS OF TITLE 19 (SIGN CODE REGULATIONS) OF THE MUNICIPAL CODE.
14. ALL EXISTING SCRUB OAK SHOWN TO REMAIN ON THE DRAWINGS SHALL BE PROTECTED DURING CONSTRUCTION.

FIRE NOTES

1. IF FIRE APPARATUS ACCESS ROADS OR WATER SUPPLY FOR FIRE PROTECTION IS REQUIRED TO BE INSTALLED, SUCH PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO VERTICAL CONSTRUCTION.
2. FIRE HYDRANT(S) ARE REQUIRED TO BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION.
3. APPROVED FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING OR PORTION OF A BUILDING CONSTRUCTED OR MOVED INTO, OR WITHIN THE JURISDICTION. THE FIRE APPARATUS ACCESS ROAD SHALL EXTEND TO WITHIN 150 FEET OF ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.
4. DEAD-END FIRE ACCESS ROADS IN EXCESS OF 150 FEET SHALL PROVIDE AN APPROVED AREA FOR TURNING AROUND FIRE APPARATUS.
5. FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FEET, EXCLUSIVE OF SHOULDERS, EXCEPT FOR APPROVED SECURITY GATES AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET, 6 INCHES.
6. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS, AND SHALL BE SURFACED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. THE TERM "ALL-WEATHER DRIVING CAPABILITIES" HAS BEEN INTERPRETED TO MEAN EITHER CONCRETE REVISED: 11/4/2014 OR ASPHALT, OR OTHER APPROVED DRIVING SURFACE DESIGNED BY AN ENGINEER AND APPROVED BY THE FIRE DEPARTMENT.
7. "NO PARKING FIRE LANE" SIGNS ARE REQUIRED IN AREAS THAT MEET THE FOLLOWING CRITERIA AND IN AREAS DESIGNATED BY THE FIRE PREVENTION BUREAU. SIGNS SHALL BE POSTED ON BOTH SIDES OF FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS AND DRIVEWAYS LESS THAN 26 FEET WIDE. SIGNS SHALL BE POSTED ON ONE SIDE ONLY OF FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS BETWEEN 26 FEET WIDE AND 32 FEET WIDE. NO SIGNAGE IS REQUIRED FOR FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS GREATER THAN OR EQUAL TO 32 FEET WIDE.
8. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN DRIVE LANES FOR EMERGENCY VEHICLE INGRESS AND EGRESS, INCLUDING SNOW REMOVAL.

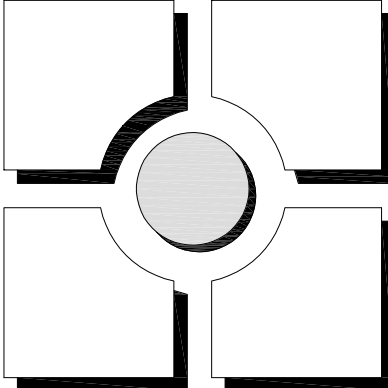
RETAINING WALL GENERAL NOTE:

1. RETAINING WALL TO BE REDI-ROCK LEDGESTONE TEXTURE, COLOR TO BE TAN.

6 RETAINING WALLS
(NOT FOR CONSTRUCTION)



6 RETAINING WALLS
(NOT FOR CONSTRUCTION)

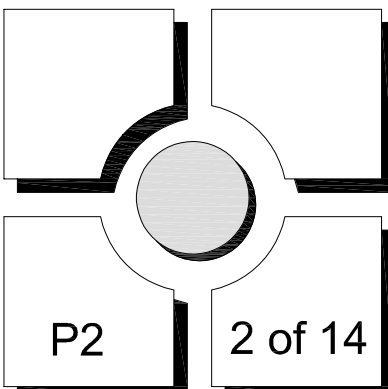


THOMAS & THOMAS
Planning
Landscape Architecture
702 North Tejon
Colorado Springs, Colorado 80903
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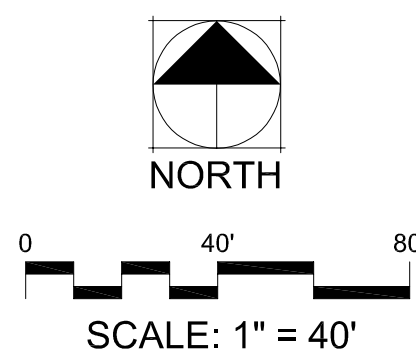
REV #	REVISIONS	DATE	DRAWN	CHECKED	APPROVED
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6	TOWN REVISIONS REV 8	4/18/18			

DESIGNED	JLK	07.20.16
DRAWN	JLK	07.20.16
CHECKED	JRA	07.20.16
PROJECT NUMBER:	3539.00	

NOTES & DETAILS



67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO



CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO. SDP16-0031

DESIGNED	JLK	07.20.16
DRAWN	JLK	07.20.16
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SCALE: AS NOTED

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6	TOWN REVISIONS REV. 8	4/18/18			

THOMAS THOMAS

Planning
Urban Design
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702 North Tejon
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(719) 578-8777

CALVARY CHAPEL SITE DEVELOPMENT PLAN

LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE

67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO

UNTIL SUCH TIME AS
THESE DRAWINGS ARE
APPROVED BY THE
APPROPRIATE REVIEWING
AGENCIES, OR ENGINEERING
APPROVES THEIR USES
DESIGNATED BY WRITTEN
AUTHORIZATION.

PREPARED FOR
CALVARY CHAPEL
C/O RON COWINGTON
1100 CAPRICE DR
CASTLE ROCK, CO 80109

J.R. ENGINEERING
A Western Company



Central 303-740-9883 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

BY	DATE
TS	9/21/16
KRW	5/25/17
KRW	9/22/17
RAB	11/2/17

REVISION	No.	DATE	COMMENTS
1	PER SDP ROUND 1		
2	ADDRESSED SDP COMMENTS		
3	PER SDP COMMENTS DATED AUG. 2017		
4	PER SDP COMMENTS DATED OCT. 2017		

H-SCALE	1"=40'
V-SCALE	N/A
DATE	03/15/18
DESIGNED BY	NQJ
DRAWN BY	NQJ
CHECKED BY	

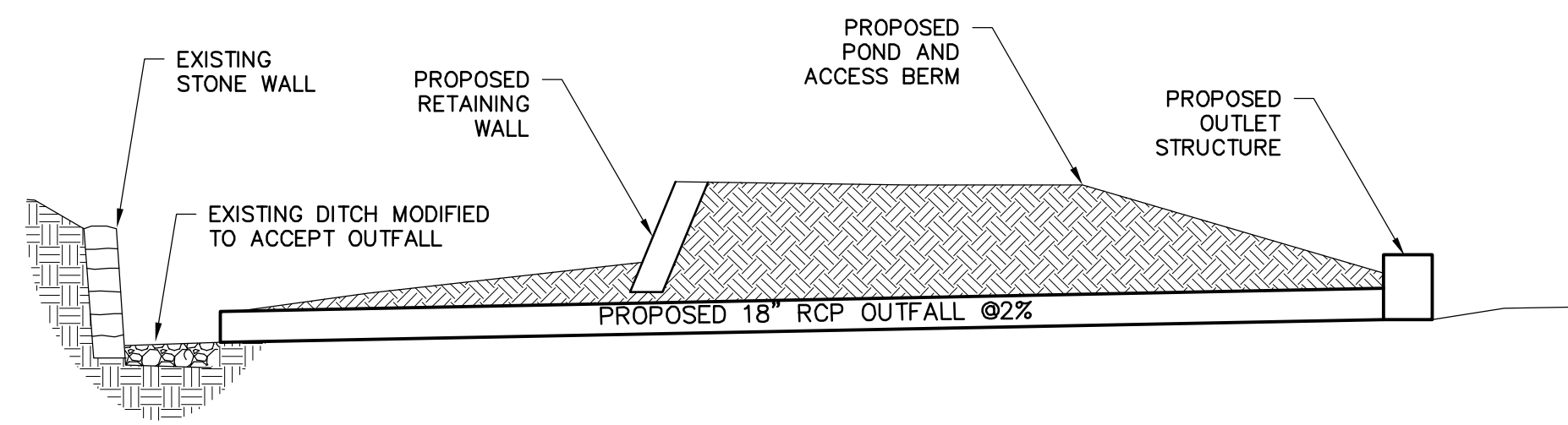
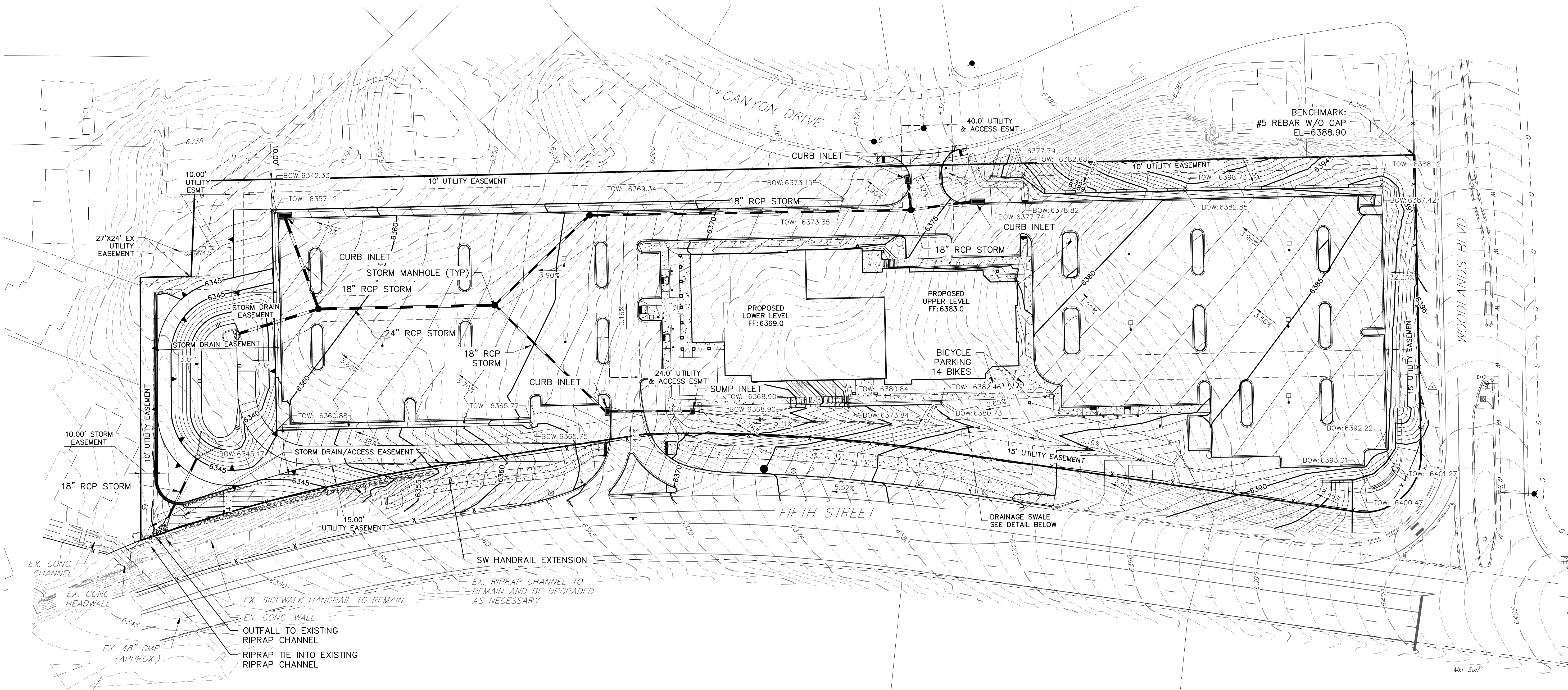
CALVARY CHAPEL

SITE DEVELOPMENT PLAN

GRADING PLAN

SHEET 4 OF 14

JOB NO. 25113.00

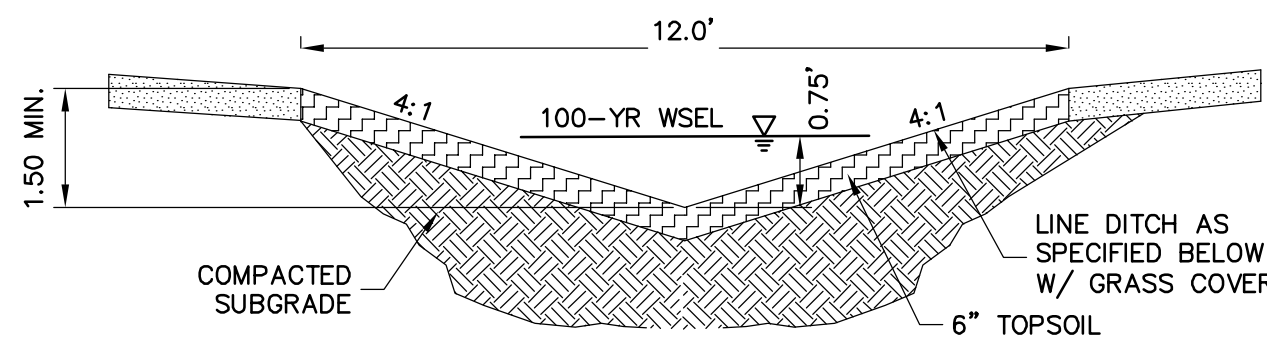


OUTFALL DETAIL - LOOKING NW

SCALE: 1"=10' (H) 1"=10' (V)

LEGEND:

	PROPOSED CONTOUR
	EXISTING CONTOUR
	PROPOSED STORM PIPE
	PROPOSED EASEMENT
	EXISTING EASEMENT
	EXISTING PROPERTY LINE
	PROPOSED RIGHT OF WAY
	EXISTING FENCE
	PROPOSED FENCE WITH GATE
	EXISTING DRAINAGE SWALE
	PROPOSED ASPHALT
	EXISTING ASPHALT
	PROPOSED CONCRETE



PRIVATE GRASS SWALE SECTION

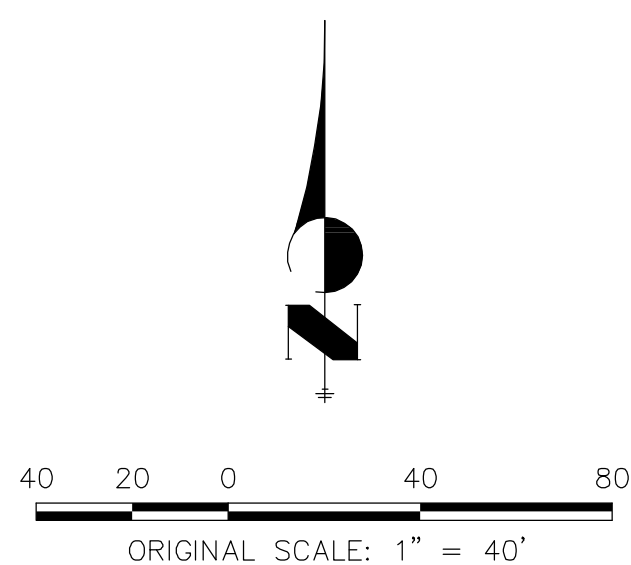
SCALE: NTS
*FOR SLOPES 0.5-3.0% - EROSION CONTROL BLANKET - STRAW COCONUT S75 OR SOD
3.0-33% - BURIED TYPE L RIPRAP, D=18" W/ GEOTEXTILE FABRIC AND W/ 12" BEDDING MATERIAL.

BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18°30'E.

BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8. ELEVATION=6388.90 NAVD88



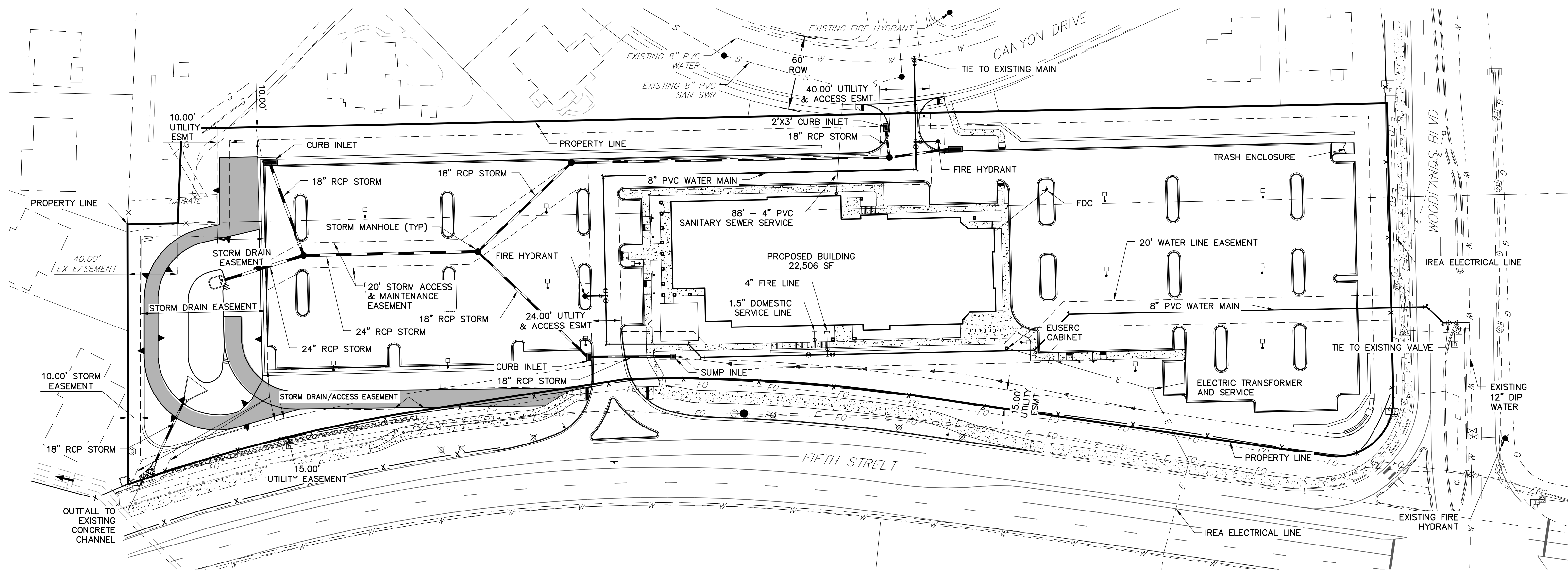
Know what's below.
Call before you dig.

CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO: SDP16-0031

CALVARY CHAPEL SITE DEVELOPMENT PLAN

LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE

67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO



BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8. ELEVATION=6388.90 NAVD88

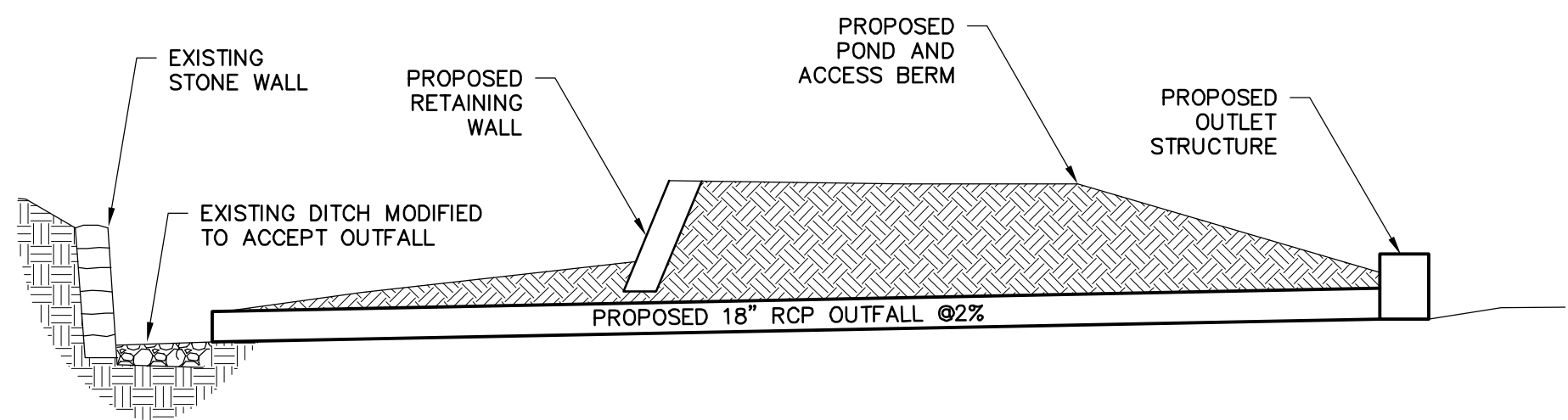
LEGEND

BY	DATE	REVISION	No.	1"=50'	H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
TS	9/21/16	1	PER ROUND 1 SDP COMMENTS	N/A			11/2/17	TS	TS	
KRW	5/25/17	2	ADDRESSED SDP COMMENTS							
KRW	9/22/17	3	PER SDP COMMENTS DATED AUG. 2017							
RAB	11/2/17	4	PER SDP COMMENTS DATED OCT. 2017							

=====	CURB AND GUTTER
-----	PROPOSED WATER LINE
-----	PROPOSED STORM SEWER W/MANHOLE
-----	EXISTING 100YR FLOOD PLAIN
-----	PROPOSED TOP OF SLOPE
-----	PROPOSED TOE OF SLOPE
-----	PROPOSED FENCE
-----	PROPOSED PROPERTY LINE
=====	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 EDGE OF ASPHALT
-----	EXISTING EDGE OF CONCRETE
-----	EXISTING DRAINAGE SWALE
-----	EXISTING ELECTRIC PEDESTAL
-----	EXISTING WATER MANHOLE
-----	EXISTING TELEPHONE PEDESTAL
-----	EXISTING TELEPHONE MANHOLE
-----	EXISTING WATER VALVE
-----	EXISTING FIRE HYDRANT
-----	EXISTING TREES
-----	INCLUDED IN DP (NOT INCLUDED IN WAIVER OF REPLAT)
-----	PROPOSED GRAVEL
-----	PROPOSED ASPHALT
-----	EXISTING ASPHALT
-----	PROPOSED CONCRETE

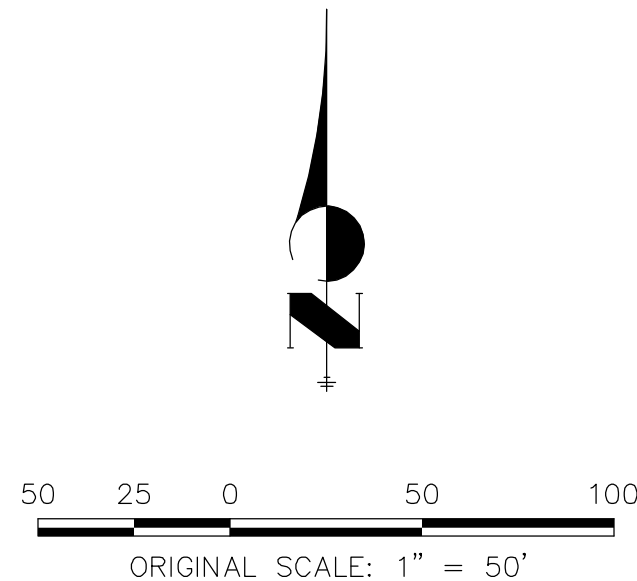
SDP UTILITY NOTES:

- ALL PROPOSED EASEMENTS MUST BE RECORDED PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS
- THE MINIMUM SEPARATION BETWEEN WATERLINES, SANITARY SEWER AND STORM SEWER LINES IS 10 FEET.
- THE MINIMUM SEPARATION BETWEEN WATER SERVICE LINES IS 5 FEET.
- THE SITE IS LOCATED WITHIN THE TOWN OF CASTLE ROCK PURPLE WATER PRESSURE ZONE.
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY THE CONTRACTOR.



OUTFALL DETAIL- LOOKING NW

SCALE: 1"=10' (H) 1"=10' (V)



Know what's below.
Call before you dig.

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
CALVARY CHAPEL
C/O RON COWINGTON
1100 CAPRICE DR
CASTLE ROCK, CO 80109
(719) 491-1220

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A Western Company
Central 303-740-9883 • Colorado Springs 719-583-2593
Fort Collins 970-491-9888 • www.jrengineering.com

BY	DATE	REVISION	No.	1"=50'	H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
TS	9/21/16	1	PER ROUND 1 SDP COMMENTS	N/A			11/2/17	TS	TS	
KRW	5/25/17	2	ADDRESSED SDP COMMENTS							
KRW	9/22/17	3	PER SDP COMMENTS DATED AUG. 2017							
RAB	11/2/17	4	PER SDP COMMENTS DATED OCT. 2017							

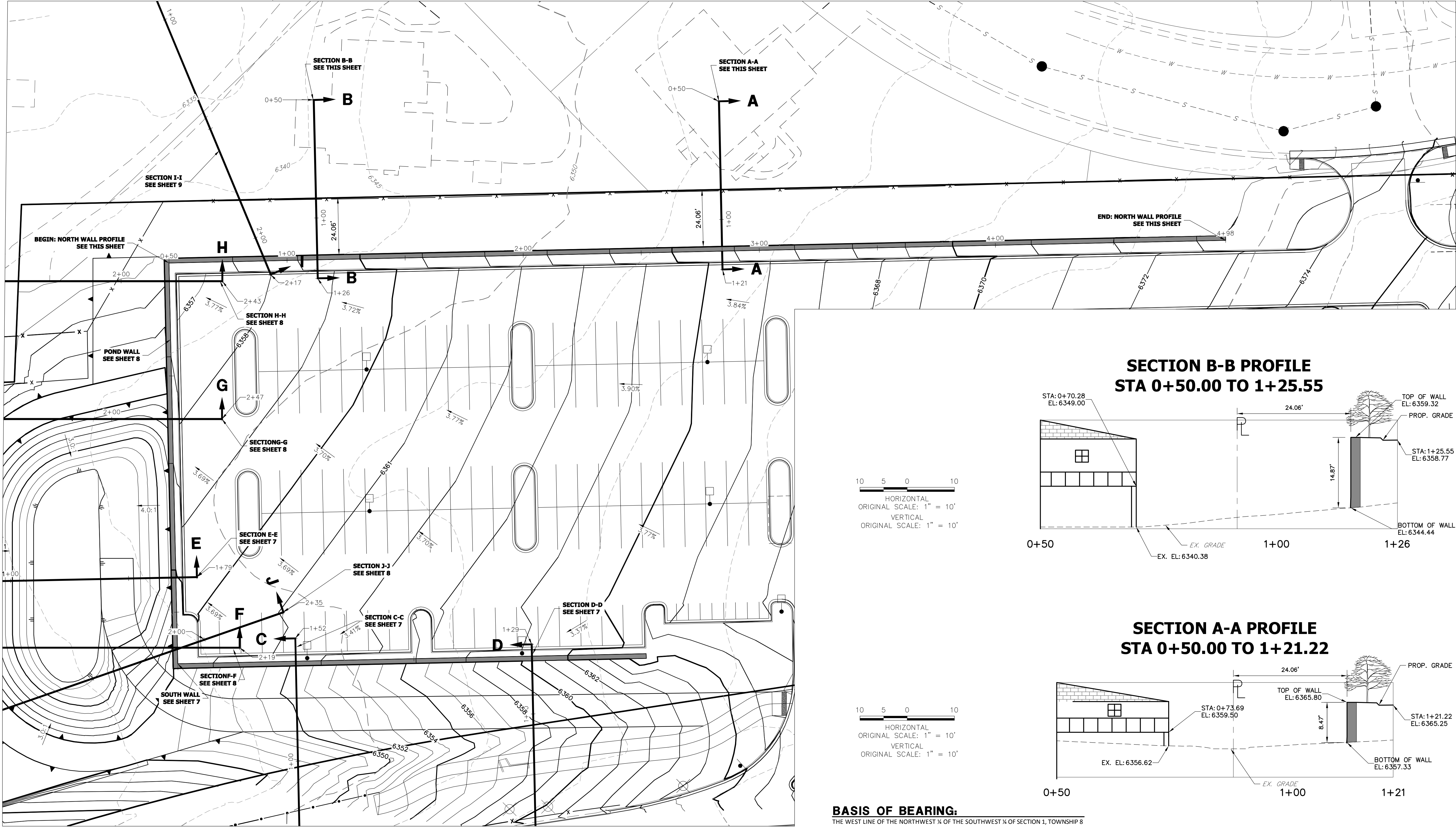
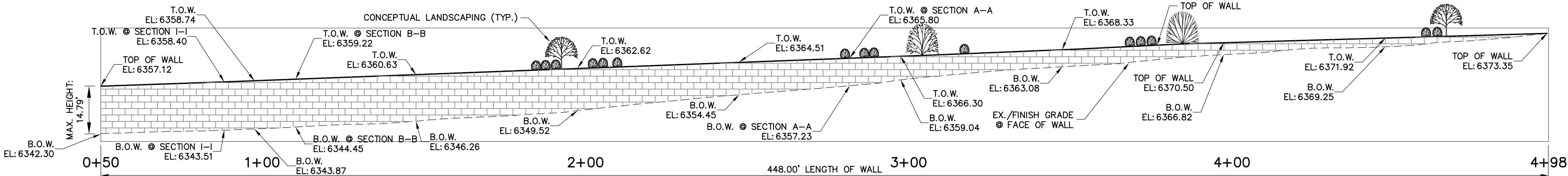
CALVARY CHAPEL
SITE DEVELOPMENT PLAN
UTILITY PLAN

SHEET 5 OF 14

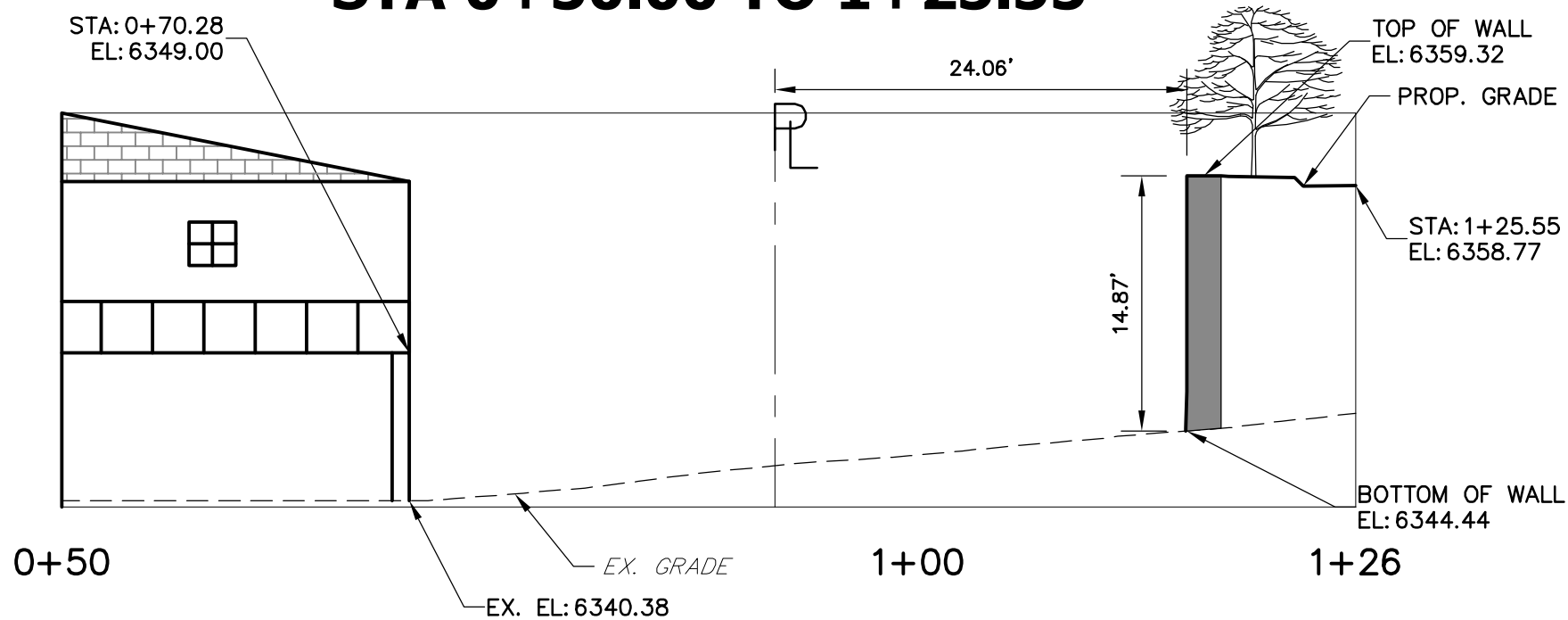
JOB NO. 25113.00

CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO: SDP16-0031

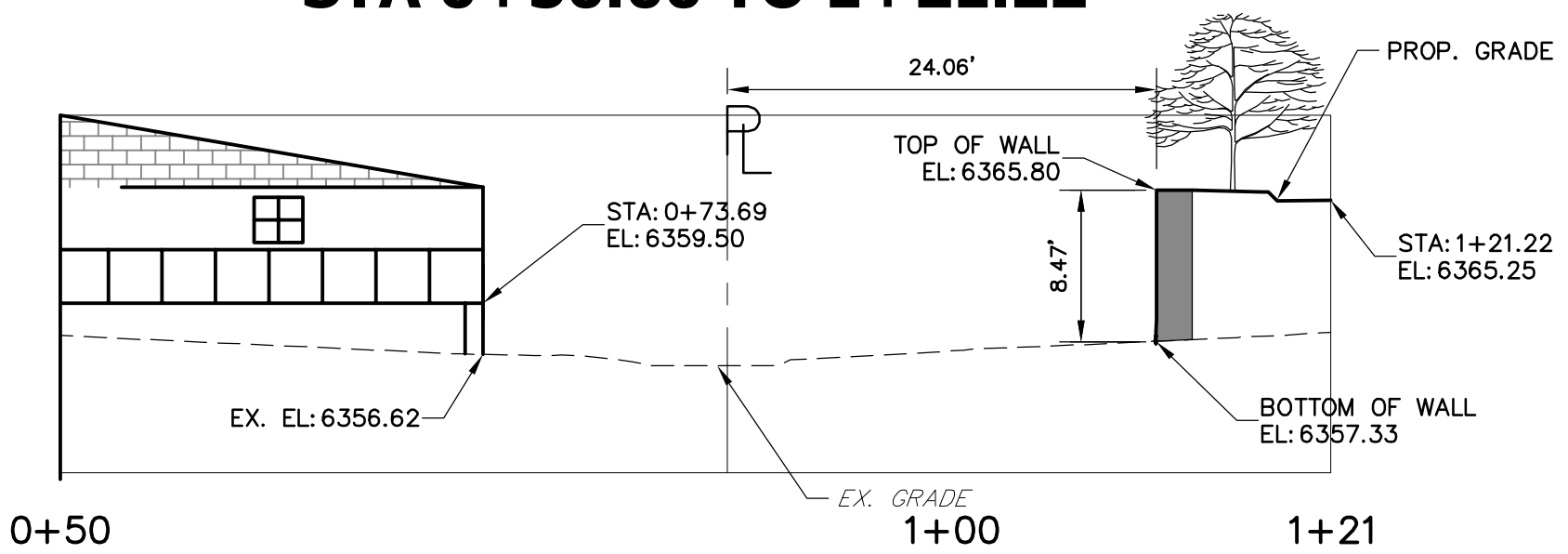
NORTH WALL PROFILE
STA 0+50.00 TO 4+98.00



SECTION B-B PROFILE
STA 0+50.00 TO 1+25.55



SECTION A-A PROFILE
STA 0+50.00 TO 1+21.22



BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8.
ELEVATION=6388.90 NAVD83

LEGEND:



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

PREPARED FOR
CALVARY CHAPEL
c/o RON COVINGTON
1100 CAPRICE DR
CASTLE ROCK, CO 80109
(719) 491-1220

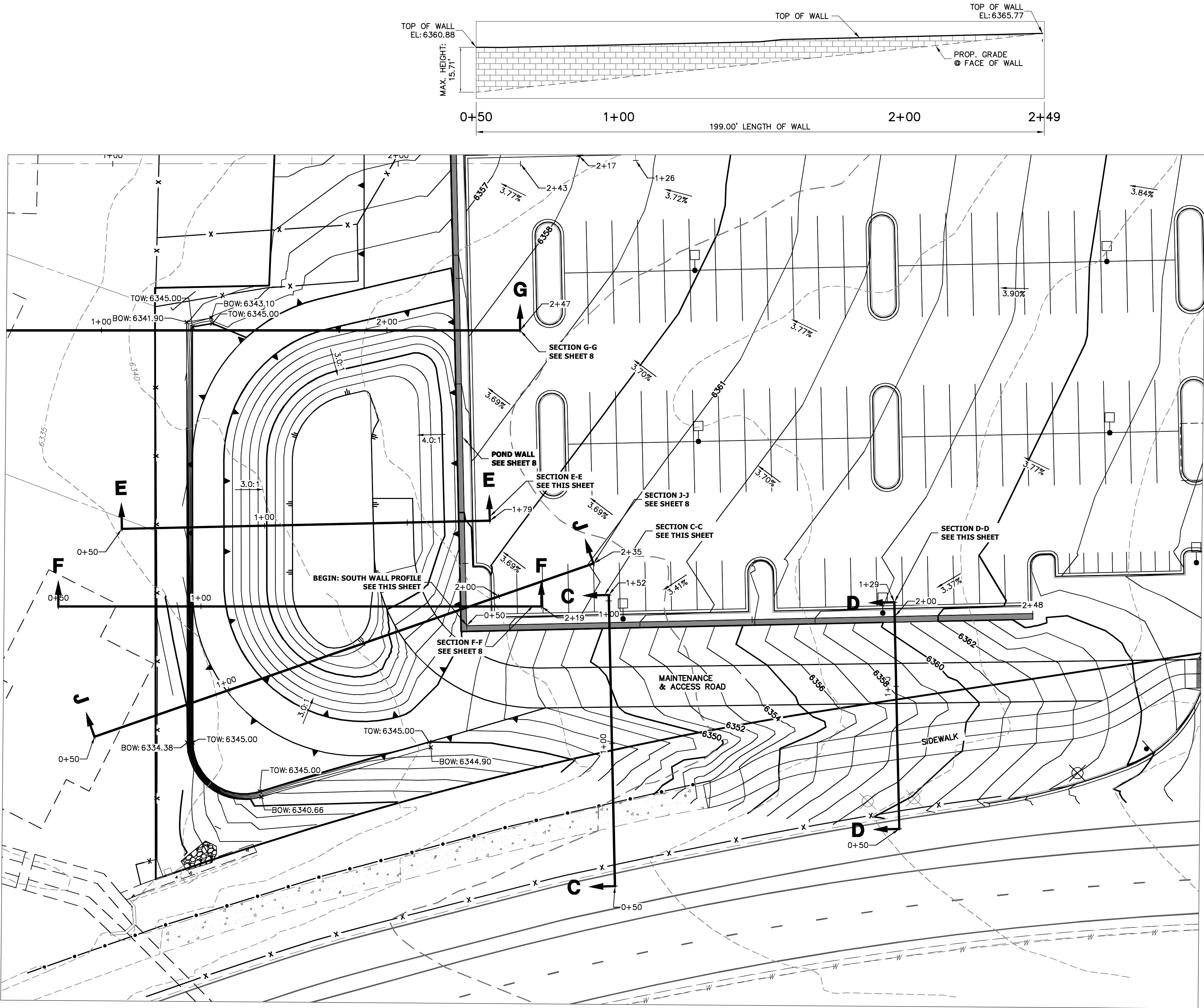
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A Westrian Company
Central 303-740-9383 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

NO.	REVISION	BY	DATE

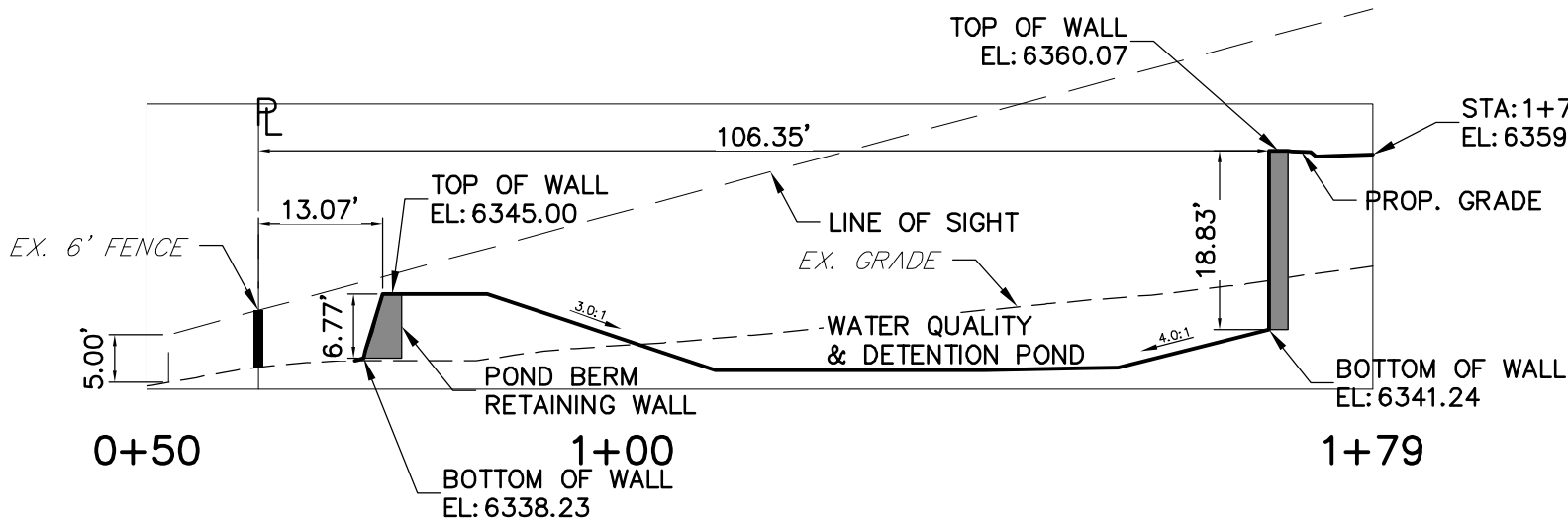
H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=20'	1"=20'	02/27/18	NQJ	NQJ	

CALVARY CHAPEL	WALL PROFILES AND CROSS SECTIONS
SHEET 6 OF 14	JOB NO. 25113.00

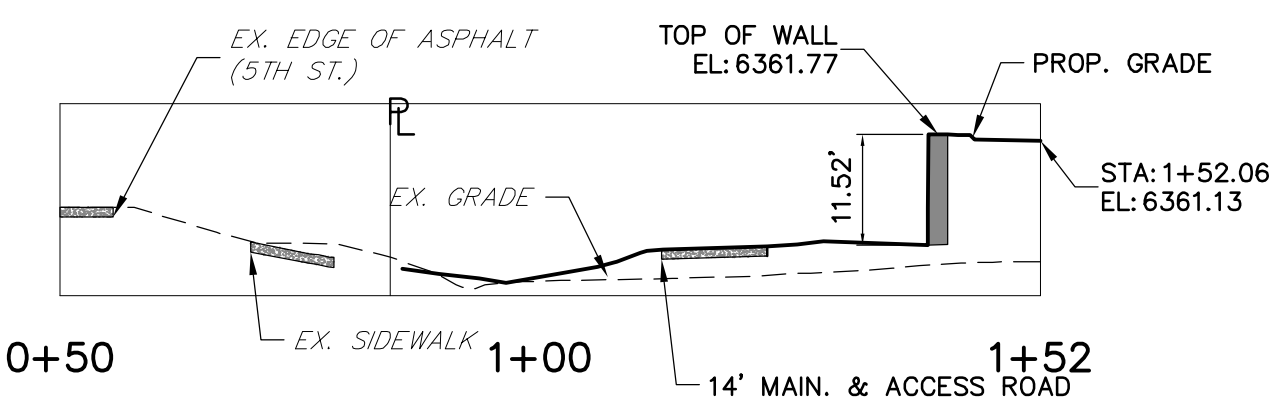
SOUTH WALL PROFILE
STA 0+50.00 TO 2+49.00



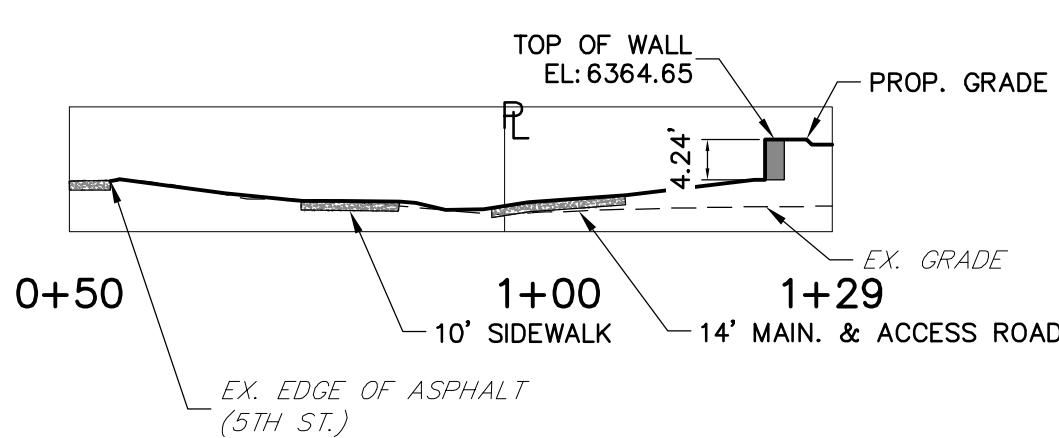
SECTION E-E PROFILE
STA 0+50.00 TO 1+78.92



SECTION C-C PROFILE
STA 0+50.00 TO 1+52.06



SECTION D-D PROFILE
STA 0+50.00 TO 1+29.48



LEGEND:

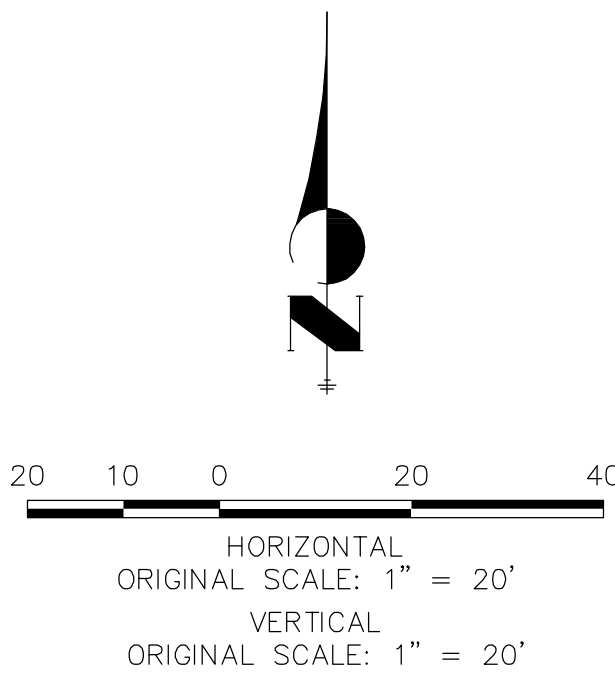
- 100 PROPOSED CONTOUR
- 100 EXISTING CONTOUR
- PROPOSED STORM PIPE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING FENCE
- PROPOSED FENCE WITH GATE
- EXISTING DRAINAGE SWALE

BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8. ELEVATION=6388.90 NAVD88



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

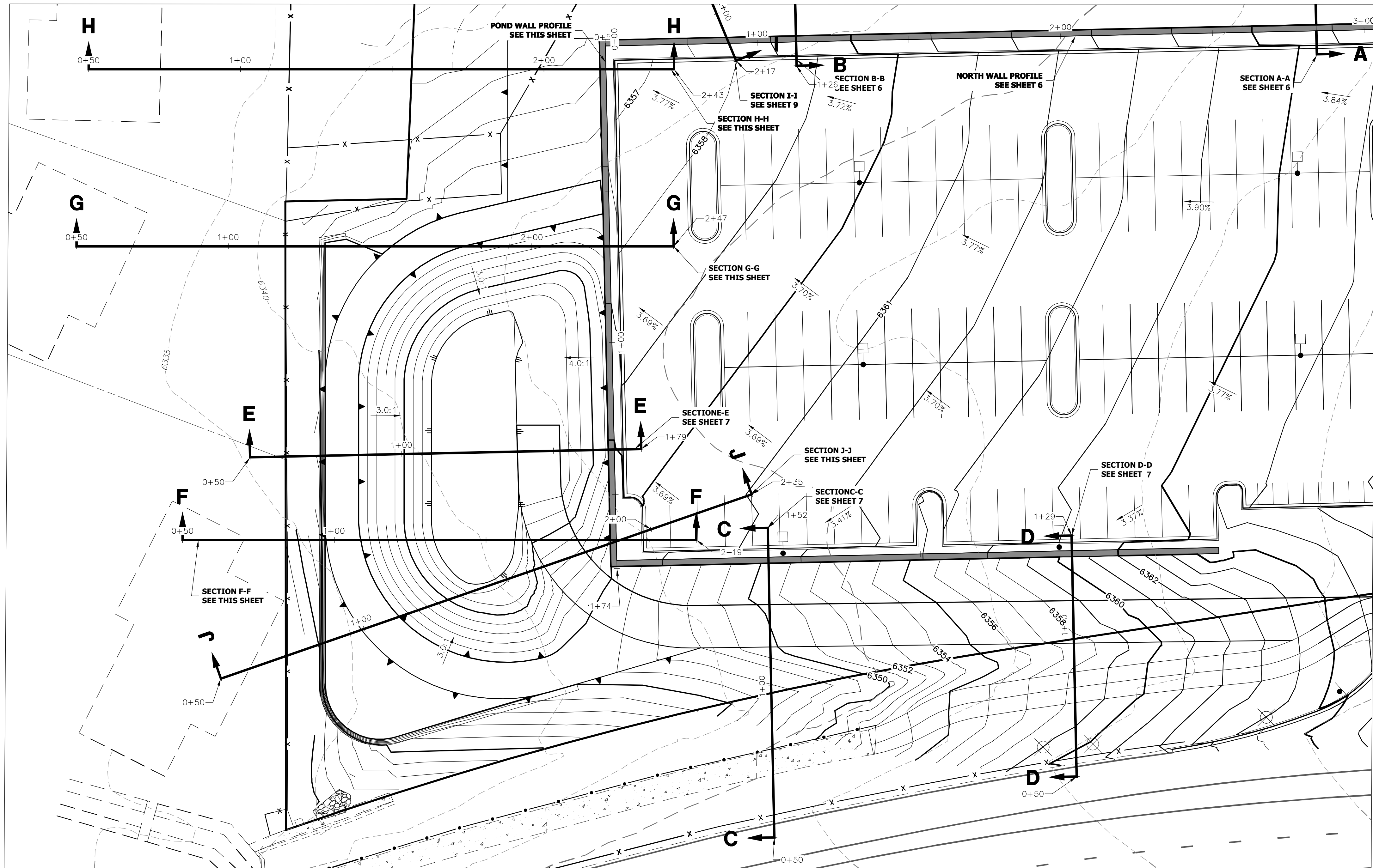
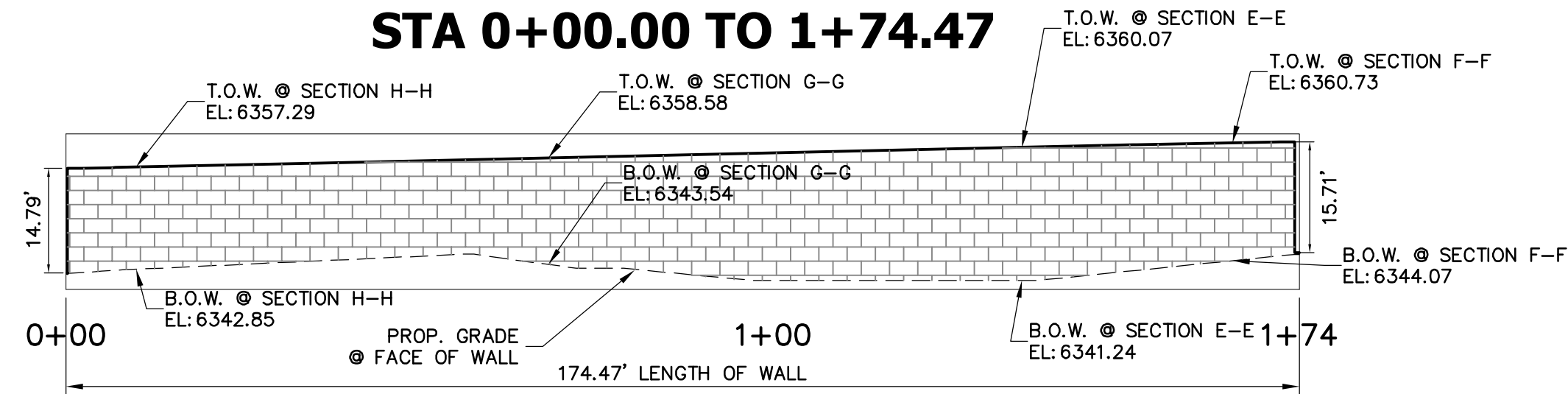
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H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	No.	REVISION	BY	DATE
1"=20'	1"=2'	02/27/18	NQJ	NQJ					

CALVARY CHAPEL	WALL PROFILES AND CROSS SECTIONS			
	SHEET	7	OF	14
JOB NO.		25113.00		

POND WALL PROFILE
STA 0+00.00 TO 1+74.47



LEGEND:

- 100 PROPOSED CONTOUR
- 100 EXISTING CONTOUR
- PROPOSED STORM PIPE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING FENCE
- PROPOSED FENCE WITH GATE
- EXISTING DRAINAGE SWALE

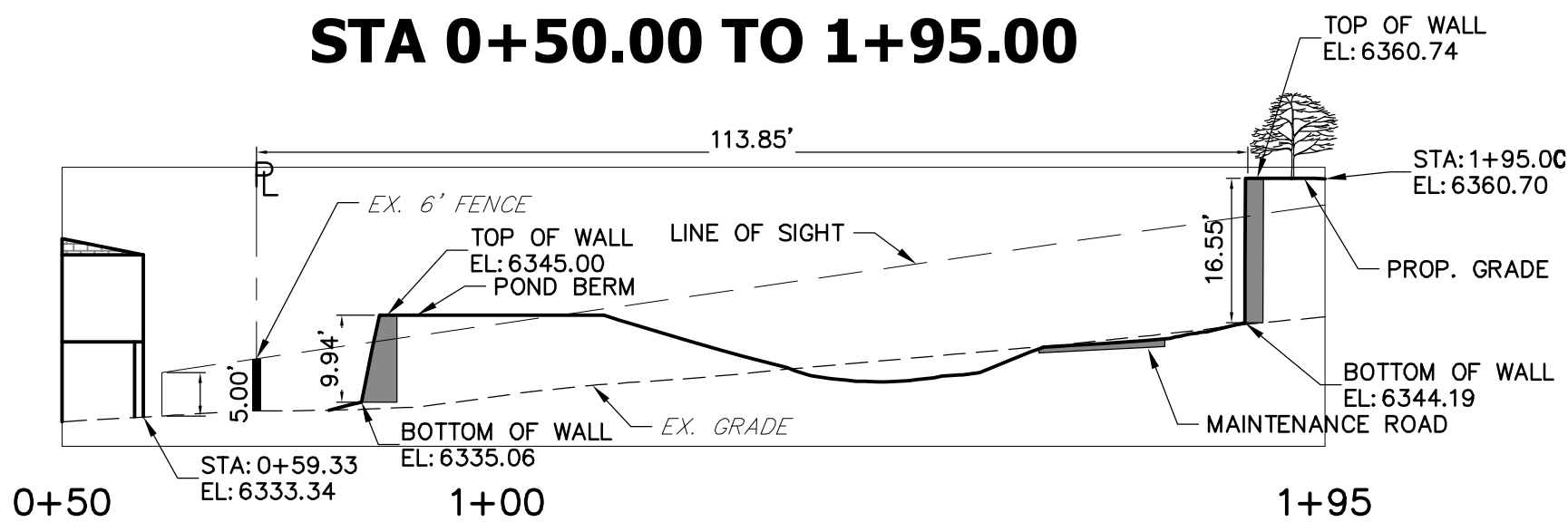
BASIS OF BEARING:

THE WEST LINE OF THE NORTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

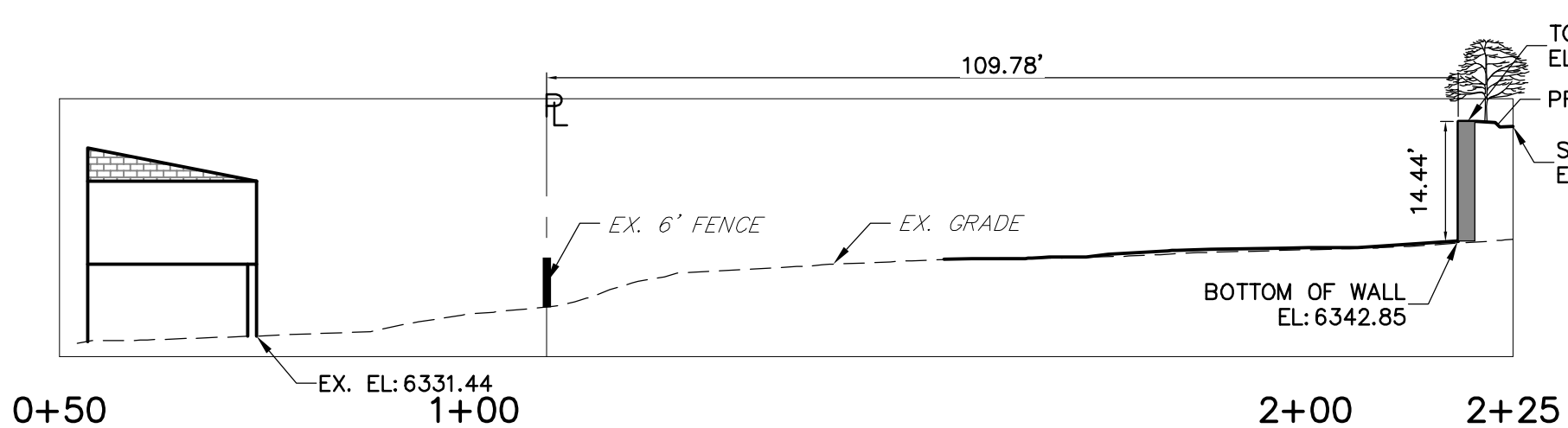
BENCHMARK

#5 REBAR W/O CAP @ SE CORNER OF LOT 1, BLOCK 3, WOODLANDS FILING NO. 8. ELEVATION=6388.90 NAVD88

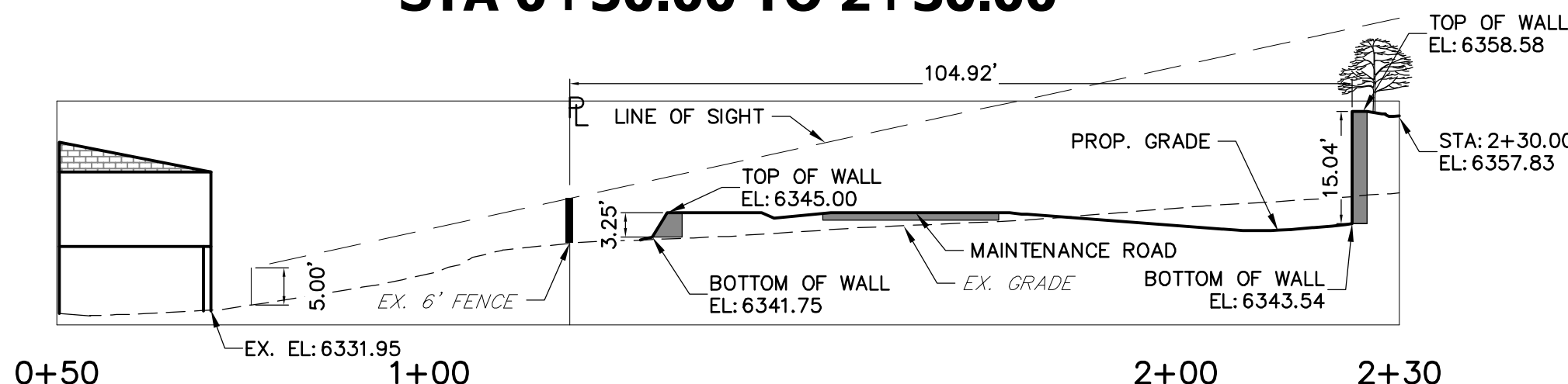
SECTION J-J PROFILE
STA 0+50.00 TO 1+95.00



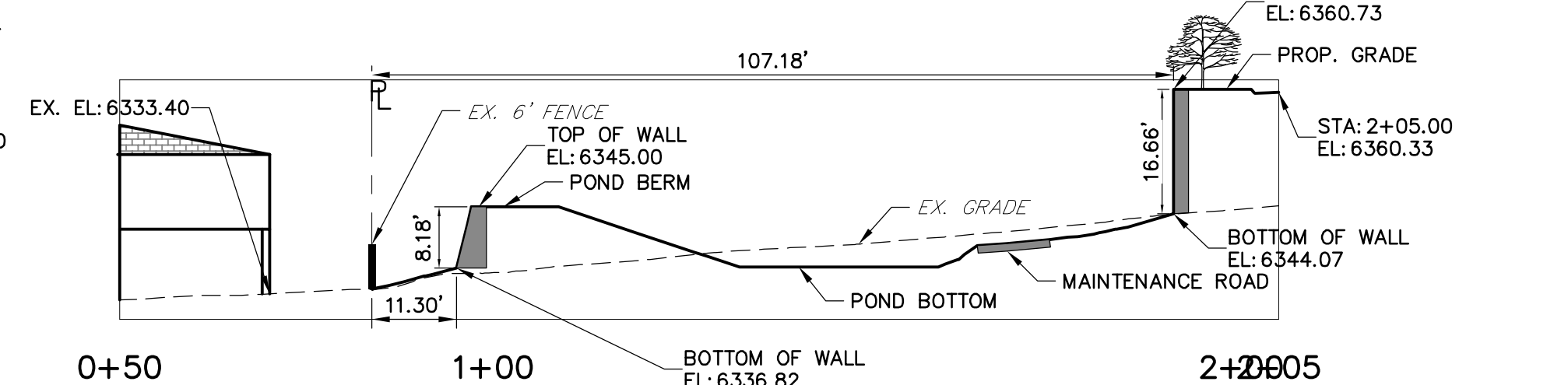
SECTION H-H PROFILE
STA 0+50.00 TO 2+25.00



SECTION G-G PROFILE
STA 0+50.00 TO 2+30.00



SECTION F-F PROFILE
STA 0+50.00 TO 2+05.00



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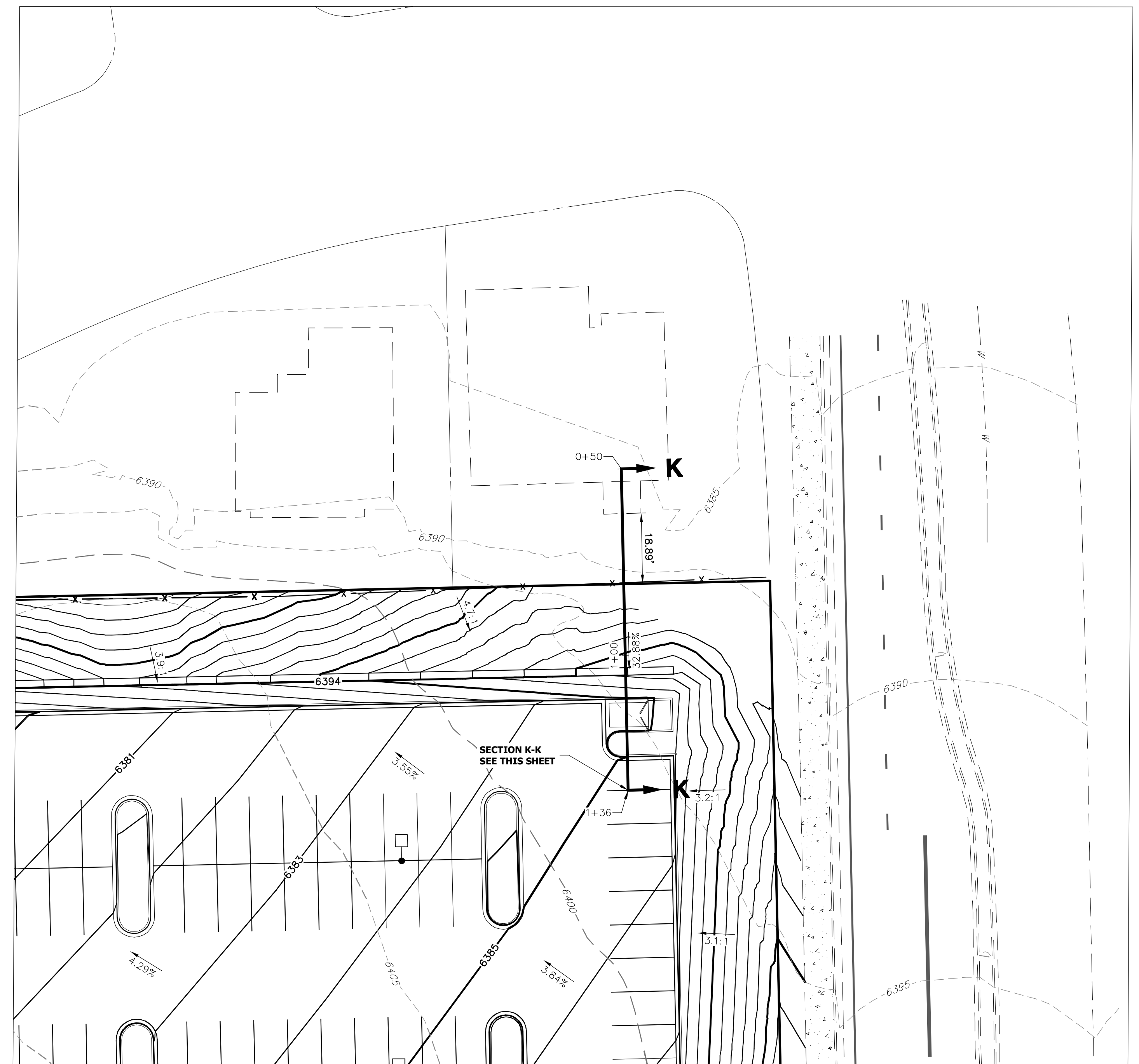
No.	REVISION	BY	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=20'	1"=2'	02/27/18	NQJ	NQJ	NQJ

Plan view of the bridge structure. The diagram shows the limits of survey and the limit of survey. The total length is 117.62'. The width is 25.82'. The stationing is marked from 0+50 to 2+17. The top of the wall is at elevation 6358.46, and the bottom of the wall is at elevation 6343.35. The proposed grade is shown as a dashed line. The limit of survey is at station 1+00, and the limits of survey are at station 2+17.

Diagram illustrating the cross-section of a bridge structure. Key dimensions and labels include:

- EX. 6' FENCE
- 6400
- 18.89'
- 1.93'
- 33.33%
- 22.76'
- TOP OF WALL EL: 6389.04
- EX. GRADE
- BOTTOM OF WALL EL: 6387.11
- PROP. CURB & GUTTER
- STA: 0+61.87 EL: 6386.14
- STA: 0+80.89 EL: 6391.87
- 0+50
- 1+00
- 1+36

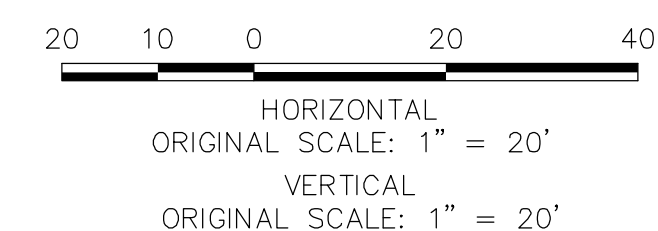


Legend:

- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED STORM PIPE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING FENCE
- PROPOSED FENCE WITH GATE
- EXISTING DRAINAGE SWALE

THE WEST LINE OF THE NORTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH P.M., MONUMENTED BY A 2-1/2" ALUMINUM CAP STAMPED "LS 24960" AT THE NORTH AND A 2-1/2" ALUMINUM CAP STAMPED "LS 38376" AT THE SOUTH, BEING ASSUMED TO BEAR N02d18'30"E.

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ELEVATION=6388.90 NAVD88



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CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO: SDP16-0031

SHEET 9 OF 14

OBJ NO. 25113.00

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ONLY FOR THE PURPOSES
DESIGNATED BY WRITTEN
AUTHORIZATION.

CALVARY CHAPEL SITE DEVELOPMENT PLAN
LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE
67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO

CONCEPTUAL LANDSCAPE PLAN STANDARD NOTES

- SQUARE FOOTAGES ARE ESTIMATED. FINAL LANDSCAPE AREA COVERAGE SHALL MEET OR EXCEED COVERAGE REPRESENTED IN THIS DRAWING AND SHALL CONFORM TO SUBSEQUENT SUBMITTAL REQUIREMENTS.
- QUANTITIES AND LOCATIONS OF PLANT MATERIALS ARE APPROXIMATED. FINAL QUANTITIES AND LOCATIONS WILL BE REFLECTED ON CONSTRUCTION DOCUMENTS.
- ALL PLANTS ARE TO BE PROPERLY HYDROZONED PER TOWN OF CASTLE ROCK PLANT LIST.
- DISTANCE OF TREES TO UTILITY LINES SHOULD BE A MINIMUM OF 10 FEET.
- PERMANENT IRRIGATION IS REQUIRED FOR ALL LANDSCAPED AREAS GREATER THAN 500 SQUARE FEET, PER SECTION 4.2.3 OF THE LANDSCAPE AND IRRIGATION MANUAL.
- DESIGN MUST ACCOMMODATE THE WATERING RESTRICTIONS AS OUTLINED IN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN (WUMP).
- IRRIGATION SYSTEMS ARE TO BE DESIGNED TO OPERATE WITHIN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN.
- IRRIGATION SYSTEMS ARE TO BE DESIGNED PER THE TOWN OF CASTLE ROCK LANDSCAPE AND IRRIGATION REGULATIONS SECTION 4.2.3 AND TO CORRELATE WITH THE USE TYPE ON THE PROPERTY.
- ALL SEED TO BE IRRIGATED WITH POP-SPRAYS OR GEAR DRIVEN ROTORS. TREES, SHRUBS, ORNAMENTAL GRASSES AND PERENNIALS TO BE IRRIGATED WITH SUBSURFACE DRIP IRRIGATION.
- ALL EXISTING SCRUB OAK SHOWN TO REMAIN ON THE DRAWINGS SHALL BE PROTECTED DURING CONSTRUCTION.
- PLACEMENT OF EVERGREEN TREES IN FRONT OF THE WALL ALONG THE NORTHWEST CORNER OF THE SITE TO BE FIELD VERIFIED PRIOR TO INSTALLATION TO ENSURE OPTIMAL LOCATION.

LICENSED LANDSCAPE ARCHITECT SIGNATURE BLOCK

Town of Castle Rock Registered Professional: Jason Alwine

Town of Castle Rock Registration #: _____ State of Colorado Licensed Landscape Architect #: 248

Company Name: Thomas & Thomas Address: 702 N Tejon St., Colorado Springs, CO 80903

Phone: (719) 578-8777 Email: j.alwine@ttplan.net Date: 3/29/2018

Project Name: Calvary Chapel Castle Rock

COMMERCIAL LANDSCAPE SITE INVENTORY FORM:

GROSS SITE AREA	LANDSCAPE AREA IN SQ.FT.	TURFGRASS LIST SPECIES (AREA IN SQ.FT.)	NONLIVING ORNAMENTAL (AREA IN SQ.FT.)	NO. OF TREES REQUIRED	NO. OF TREES PROVIDED	NO. OF SHRUBS REQUIRED	NO. OF SHRUBS PROVIDED	SOIL PREP AMOUNTS (IN CU.YDS. PER 1000 SQ.FT.)	SEPARATE IRRIGATION SERVICE CONNECTIONS
236,722 SF	103,890 SF	LOW GROW MIX NATIVE SEED GRASS PER THE MATERIALS SCHEDULE 74,863 SF	WOOD MULCH 13,828 SF	47	43+ (4) EXISTING SCRUB OAKS	95	534	ESTIMATED 4 CY PER 1000 SQ.FT. PENDING SOIL ANALYSIS WITH CD'S	☒ YES ☐ NO
PARKING LOT (AREA IN SQ.FT.)	PARKING LOT LANDSCAPE AREA (SQ.FT.)	NO. OF PARKING SPACES	NONLIVING ORNAMENTAL (AREA IN SQ.FT.)	NO. OF INTERIOR LANDSCAPE ISLANDS	MINIMUM WIDTH OF INTERIOR LANDSCAPE ISLANDS	NO. OF TREES REQUIRED	NO. OF TREES PROVIDED	NO. OF SHRUBS REQUIRED	NO. OF SHRUBS PROVIDED
99,189 SF	10,272 SF	253	ROCK MULCH 12,059 SF	14	8'	20	20	40	40

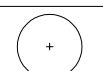
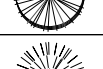
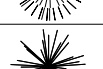
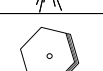
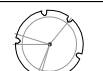
LANDSCAPE MATERIAL SCHEDULE	
SYMBOL/ CALLOUT	NOTES:
SEED	IRRIGATED NATIVE SEED: To be a pre-blended mix known as "Low Grow Mix" containing 30% Ephraim Crested Wheatgrass, 25% Dwarf Perennial Ryegrass, 20% SR3200 Blue Fescue, 15% Reubens Canada Bluegrass, 10% Chewings Fescue. Install per supplier's specifications for new seeding. Submit cut-sheet for approval prior to installation. Contact Sharp Brothers Seed Co. (1-800-462-8483)
W.M.	SHREDDED WOOD MULCH: To be organic shredded cedar wood mulch installed to a depth of 4". NO weed barrier fabric. Install per plan locations. Submit cut-sheet & sample for approval prior to installation.
S.E.	STEEL EDGE: Steel edge to be DURAEDGE 3/16" Thick x 5" Wide Rolled Top Steel Edge. Color to be 'Green'. Install per manufacturer's specifications. Submit cut-sheet & sample for approval prior to installation.
Rock	ROCK MULCH: 1.5" NATURAL COLOR gravel, TAN color installed to a depth of 4" on weed barrier fabric. Install per plan locations. Submit cut-sheet & sample for approval prior to installation.
	BOULDER: Boulders to be COTTONWOOD. Size to vary, minimum size 18" x 18" x 18"

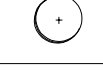
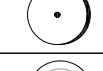
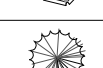
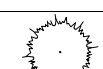
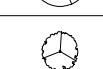
SOIL AMENDMENTS:

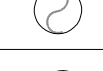
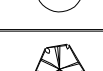
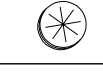
FOR THIS SITE THE FOLLOWING AMENDMENTS ARE TO BE INCORPORATED:

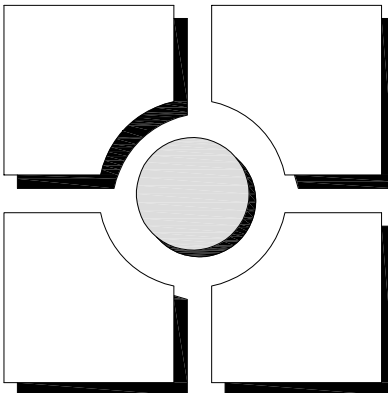
- SOIL AMENDMENTS:
- APPLY 4 CY/ 1,000 SQ. FT. ORGANIC MATTER SOIL AMENDMENT. TILL INTO TOP 6" OF SOIL.
 - SOIL AMENDMENT ORGANIC MATTER SHALL CONSIST OF EITHER CLASS I OR CLASS II COMPOST.
 - SUBMIT CUT-SHEET FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 - FERTILIZER TO BE PER THE SOILS ANALYSIS REPORT COMPLETED WITH THE CONSTRUCTION DOCUMENTS.

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	H2O USE	HEIGHT	WIDTH	SIZE	NOTES	IRRIGATION	WATER REQUIREMENTS (IN/MO)
	CO	5	CELTIS OCCIDENTALIS	WESTERN HACKBERRY	LOW	55'	45'	2.0" Caliper	B&B	DRIP	----
	GS	14	GLEDITSIA TRIACANTHOS INERMIS 'SKYLINE'	SKYLINE HONEYLOCUST	LOW	45'	40'	2.0" Caliper	B&B	DRIP	----
	GD	18	GYMNOCLADUS DIOICA	KENTUCKY COFFEETREE	LOW	50'	45'	2.0" Caliper	B&B	DRIP	----
	MR	8	MALUS SP. 'RADIANT'	RADIANT CRABAPPLE	LOW	25'	20'	1.5" Caliper	B&B	DRIP	----
	PN	11	PINUS NIGRA	AUSTRIAN PINE	LOW	50'	35'	6' HT	B&B	DRIP	----
	PP	4	PINUS PONDEROSA	PONDEROSA PINE	LOW	60'	35'	6' HT	B&B	DRIP	----
	PF	9	PINUS FLEXILIS	LIMBER PINE	LOW	35'	15'	6' HT	B&B	DRIP	----
	PPC	7	PICEA PUNGENS	COLORADO BLUE SPRUCE	LOW	40'	20'	6' HT	B&B	DRIP	----
	PV	3	PRUNUS VIRGINIANA 'SHUBERT'	CANADA RED CHOKECHERRY	LOW	25'	20'	1.5" Caliper	B&B	DRIP	----
	QR	15	QUERCUS RUBRA	NORTHERN RED OAK	LOW	75'	45'	2.0" Caliper	B&B	DRIP	----

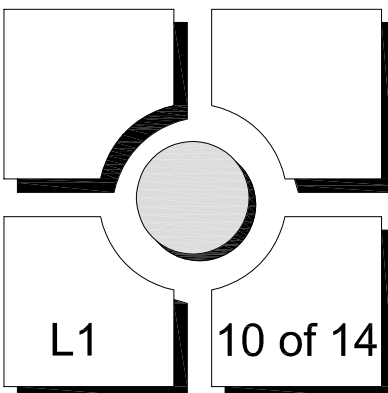
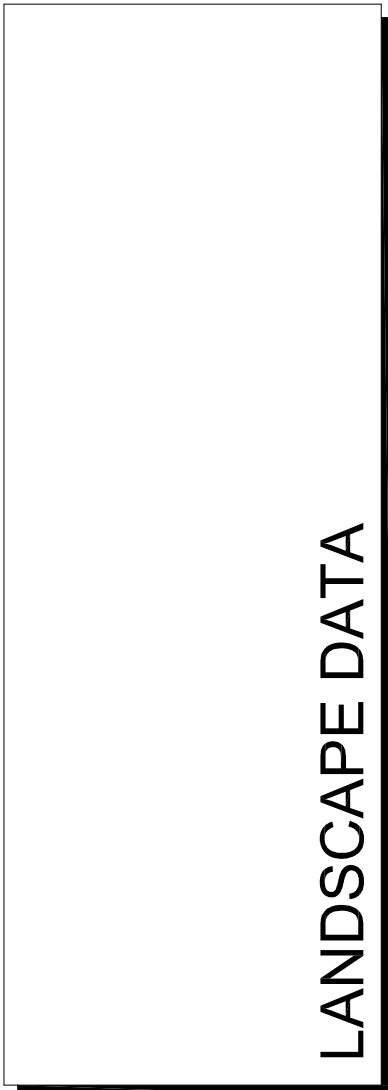
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	H2O USE	HEIGHT	WIDTH	SIZE	NOTES	IRRIGATION	WATER REQUIREMENTS (IN/MO)
	BTC	116	BERBERIS THUNBERGII 'CRIMSON PYGMY'	CRIMSON PYGMY BARBERRY	LOW	2'	3'	5 GAL	CONTAINER	DRIP	----
	AA	3	AMELANCHIER ALNIFOLIA	SASKATOON SERVICEBERRY	LOW	15'	15'	1.5" Caliper	B&B	DRIP	----
	BTR	3	BERBERIS THUNBERGII 'ATROPURPUREA'	REDLEAF BARBERRY	LOW	6'	6'	5 GAL	CONTAINER	DRIP	----
	CSI	39	RHUS AROMATICA 'GROW-LOW'	GRO-LOW SUMAC	LOW	3'	6'	5 GAL	CONTAINER	DRIP	----
	DB	28	DAPHNE X BURKWOODI 'CAROL MACKIE'	CAROL MACKIE DAPHNE	MEDIUM	3'	4'	5 GAL	CONTAINER	DRIP	----
	JS	6	JUNIPERUS SCOPULORUM	ROCKY MOUNTAIN JUNIPER	LOW	25'	15'	6' HT	B&B	DRIP	----
	JHB	77	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	LOW	1'	8'	5 GAL	CONTAINER	DRIP	----
	JSS	6	JUNIPERUS SCOPULORUM 'SKYROCKET'	SKYROCKET JUNIPER	LOW	15'	4'	5 GAL	CONTAINER	DRIP	----
	POD	11	PHY'SOCARPUS OPULIFOLIUS 'DIABLO'	DIABLO NINEBARK	LOW	8'	8'	5 GAL	CONTAINER	DRIP	----
	PMS	43	PINUS MUGO 'SLOWMOUND'	SLOWMOUND MUGO PINE	LOW	4'	6'	5 GAL	CONTAINER	DRIP	----
	PMM	23	PINUS MUGO 'MOPS'	MOPS MINIATURE MUGO PINE	LOW	3'	3'	5 GAL	CONTAINER	DRIP	----
	PFG	47	POTENTILLA FRUITICOSA 'GOLDFINGER'	GOLDFINGER POTENTILLA	LOW	3'	4'	5 GAL	CONTAINER	DRIP	----
	RMW	110	ROSA X MEIDLAND WHITE	MEIDLAND WHITE ROSE	LOW	2'	5'	5 GAL	CONTAINER	DRIP	----
	SJG	50	SPIREA JAPONICA 'GOLDFLAME'	GOLDFLAME SPIREA	LOW	3'	3'	5 GAL	CONTAINER	DRIP	----
	JP	137	JUNPERUS x PFITZERIANA 'SEA GREEN'	SEAGREEN JUNIPER	LOW	3'	3'	5 GAL	CONTAINER	DRIP	----

PERENNIALS & GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	H2O USE	HEIGHT	WIDTH	SIZE	NOTES	IRRIGATION	WATER REQUIREMENTS (IN/MO)
	CG	92	COREOPSIS GRANDIFLORA 'EARLY SUNRISE'	EARLY SUNRISE TICKSEED	LOW	12"	12"	1 GAL	CONTAINER	DRIP	----
	EH	21	ECHINACEA HYBRIDA 'CHEYENNE SPIRIT'	CHEYENNE SPIRIT CONEFLOWER	LOW	24"	12"	1 GAL	CONTAINER	DRIP	----
	GSB	14	GERANIUM SANGUINEUM	BLOODY PINK CRANESBILL	MEDIUM	12"	18"	1 GAL	CONTAINER	DRIP	----
	PB	47	PENSTEMON BARBATUS 'RIDING HOOD RED'	RIDING HOOD BEARDTONGE	LOW	12"	12"	1 GAL	CONTAINER	DRIP	----
	LS	11	LEUCANTHEMUM X SUPERBUM 'ALASKA'	ALASKA SHASTA DAISEY	MEDIUM	24"	18"	1 GAL	CONTAINER	DRIP	----
	SN	30	SALVIA NEMOROSA 'MAY NIGHT'	MAY NIGHT MEADOW SAGE	LOW	18"	18"	1 GAL	CONTAINER	DRIP	----
	CA	9	CALAMAGROSTIS ACUTIFLORA 'AVALANCHE'	VARIGATED FEATHER REED GRASS	LOW	3'	24"	1 GAL	CONTAINER	DRIP	----
	SS	7	SCHIZACHYRIUM SCORPIUM 'BLAZE'	LITTLE BLUE STEM	LOW	3"	24"	1 GAL	CONTAINER	DRIP	----
	CAF	89	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	LOW	4'	2'	5 GAL	CONTAINER	DRIP	----
	FG	99	FESTUCA GLAUCA 'BOULDER BLUE'	BOULDER BLUE FESCUE	LOW	8"	8"	1 GAL	CONTAINER	DRIP	----
	MS	4	MISCANTHUS SINENSIS	MAIDEN GRASS	LOW	10'	4'	1 GAL	CONTAINER	DRIP	----
	PA	36	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	LOW	4'	4'	5 GAL	CONTAINER	DRIP	----



REV #	REVISIONS	DATE	DRAWN	CHECKED	APPROVED
1	TOWN REVISIONS REV. 2	07/19/17			
2	TOWN REVISIONS REV. 3	9/28/17			
3	TOWN REVISIONS REV. 4	11/2/17			
4	TOWN REVISIONS REV. 5	2/2/18			
5	TOWN REVISIONS REV. 6/7	3/30/18			
6	TOWN REVISIONS REV. 8	4/18/18			

DESIGNED	JLK	07.20.16
DRAWN	JLK	07.20.16
CHECKED	JRA	07.20.16
PROJECT NUMBER:	3539.00	
SCALE:	AS NOTED	

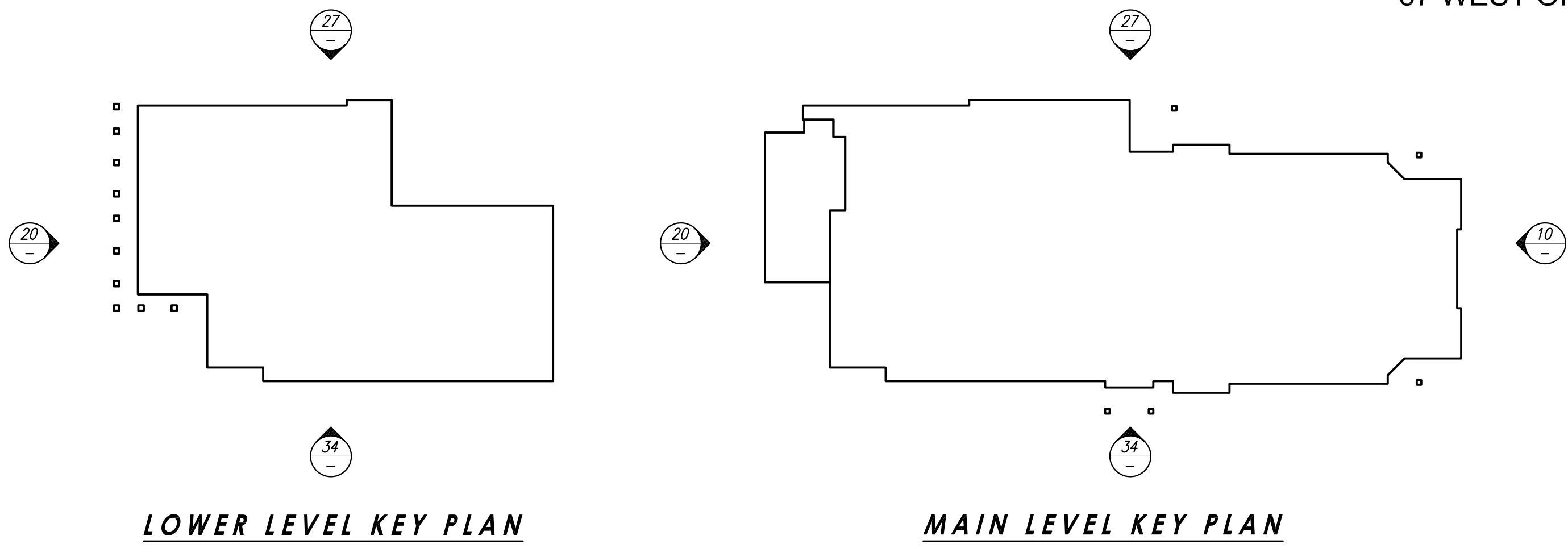


67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO



CALVARY CHAPEL SITE DEVELOPMENT PLAN
PROJECT NO. SDP16-0031

CALVARY CHAPEL SITE DEVELOPMENT PLAN
LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE
67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO



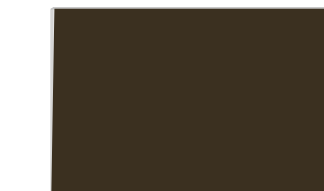
SYNTHETIC STONE VENEER w/
APPEARANCE SIMILAR TO
RHYOLITE STONE
COLORS: BLEND OF GRAY AND
REDDISH-BROWN



STUCCO - COLOR 1
LIGHT GRAYISH-GREEN



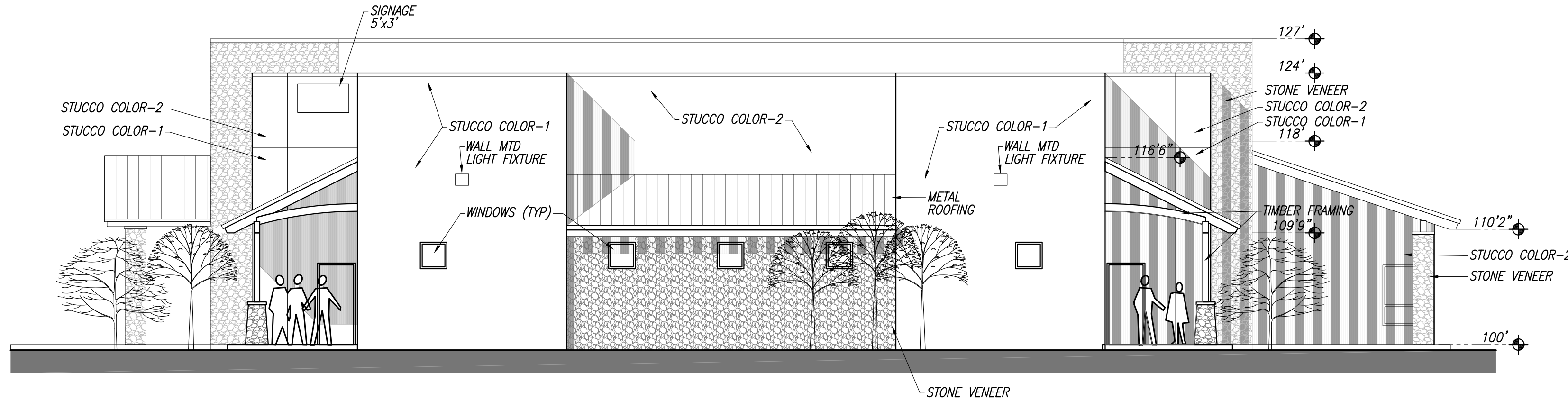
STUCCO - COLOR 2
LIGHT REDDISH-TAN



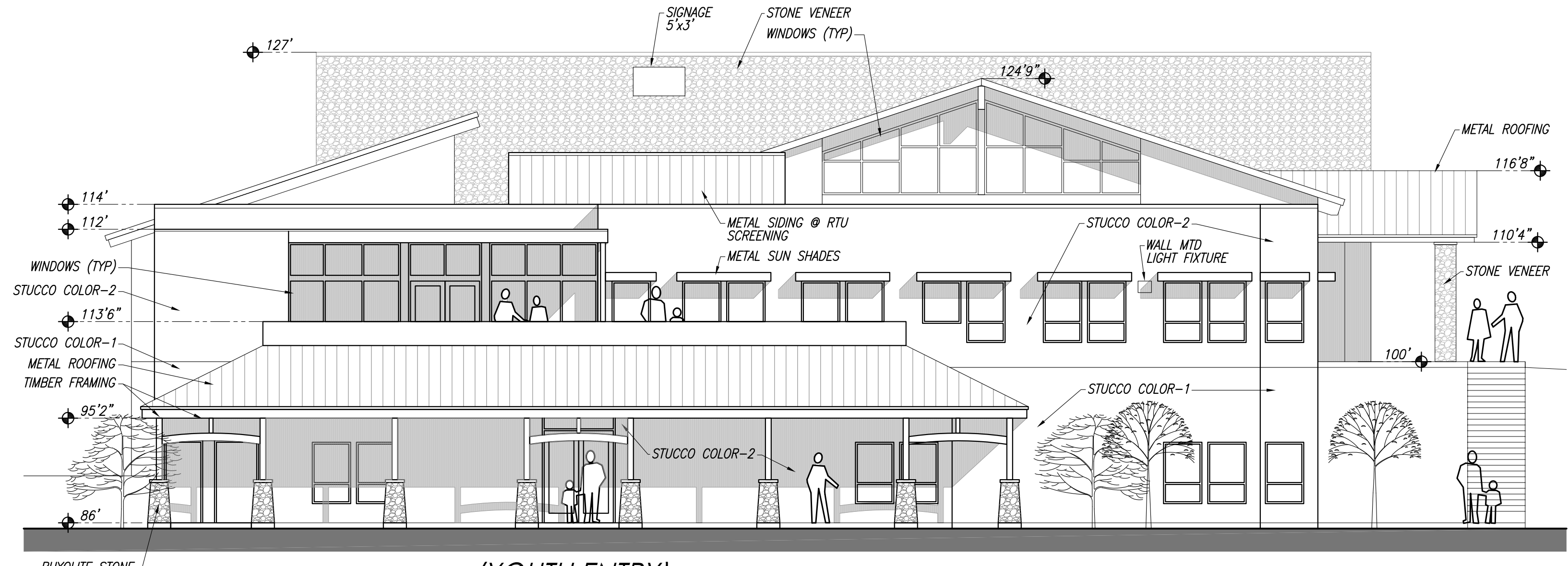
STANDING SEAM METAL ROOFING
INCLUDING PARAPET CAPS AND
ROOF FLASHING
COLOR: WEATHERED COPPER
METAL SIDING @ RTU SCREENS



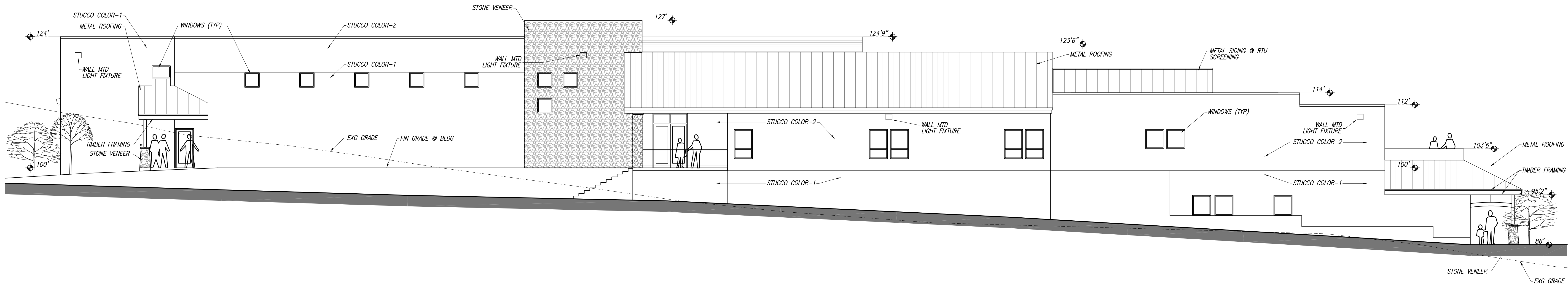
ANODIZED ALUM. STOREFRONT
WINDOWS AND DOOR SYSTEMS
COLOR: DARK BRONZE
GREEN TINTED GLASS



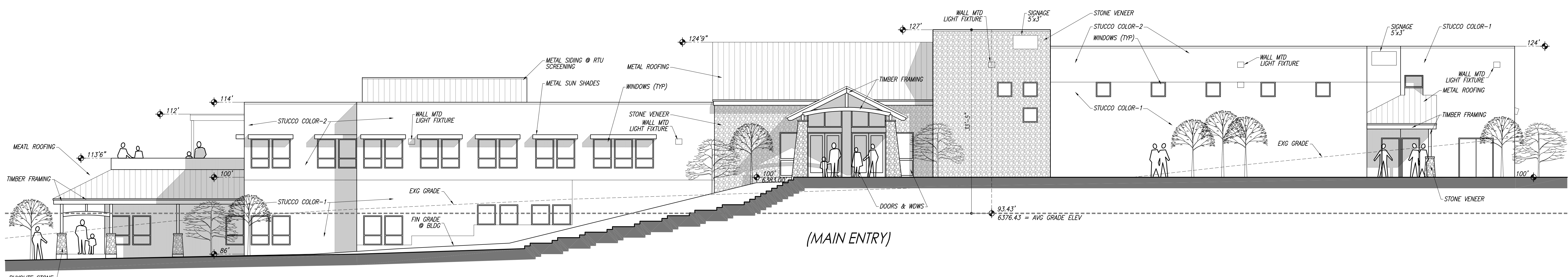
10 EAST BUILDING ELEVATION
SCALE: 1/8"=1'-0"



20 WEST BUILDING ELEVATION
SCALE: 1/8"=1'-0"



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



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

CALVARY CASTLE ROCK
5th STREET & WOODLANDS BLVD., CASTLE ROCK, COLORADO

Proposed New Church Facility

Job No:	1501.01
Drawn:	GH
Checked:	GH
Issued:	
SDP Submittal	11/16/2016
SDP Submittal Rev.2	07/10/2017
Bldg Height Exhibit	04/10/2018
SDP Submittal Rev.8	04/18/2018

Description:
Not For Construction
Ext. Building
Elevations

CALVARY CHAPEL SITE DEVELOPMENT PLAN
LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE
67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO

LUMINAIRE SCHEDULE

MARK	MANUFACTURER	TOTAL OF EACH LUMINAIRE TYPE	HEIGHT ABOVE GRADE	SERIES	LAMPS QTY/TYPE	FINISH	MOUNTING	WATTAGE	VOLTAGE	REMARKS
P5 P5H	BEACON	3	14'	VIPER SMALL 36L-65 SERIES TYPE 5SQ DISTRIBUTION	LED 3000K	DARK BRONZE	14' POLE ROUND	65	208	ARCHITECTURAL AREA LIGHT, SINGLE HEAD, TYPE 5SQ DISTRIBUTION, MIN 70 CRI, 5-YEAR LIMITED WARRANTY, MIN 0.9 PF, <20% THD, WITH INTEGRAL SURGE PROTECTOR, DARK SKY COMPLIANT, FULL CUT OFF. SEE NOTES 1, 2, & 5.
T2H	BEACON	2	25'	VIPER SMALL 36L-80 SERIES TYPE 2 DISTRIBUTION	LED 3000K	DARK BRONZE	25' POLE ROUND	80	208	ARCHITECTURAL AREA LIGHT, SINGLE HEAD, TYPE 2 DISTRIBUTION, MIN 70 CRI, 5-YEAR LIMITED WARRANTY, MIN 0.9 PF, <20% THD, WITH INTEGRAL SURGE PROTECTOR, DARK SKY COMPLIANT, FULL CUT OFF. SEE NOTES 1, 2, & 5.
T2AH	BEACON	1	25'	VIPER SMALL 36L-65 SERIES TYPE 2 DISTRIBUTION	LED 3000K	DARK BRONZE	25' POLE ROUND	65	208	ARCHITECTURAL AREA LIGHT, SINGLE HEAD, TYPE 2 DISTRIBUTION, MIN 70 CRI, 5-YEAR LIMITED WARRANTY, MIN 0.9 PF, <20% THD, WITH INTEGRAL SURGE PROTECTOR, DARK SKY COMPLIANT, FULL CUT OFF. SEE NOTES 1, 2, & 5.
T3 T3H	BEACON	19	25'	VIPER SMALL 36L-80 SERIES TYPE 3 DISTRIBUTION	LED 3000K	DARK BRONZE	25' POLE ROUND	80	208	ARCHITECTURAL AREA LIGHT, DOUBLE HEAD, TYPE 3 DISTRIBUTION, MIN 70 CRI, 5-YEAR LIMITED WARRANTY, MIN 0.9 PF, <20% THD, WITH INTEGRAL SURGE PROTECTOR, DARK SKY COMPLIANT, FULL CUT OFF. SEE NOTES 1, 2, & 5.
VS-EM	H. E. WILLIAMS	1	10'-10"	VOLTAIRE MINI ARCHITECTURAL WALL PACK LOW LUMEN OUTPUT	LED 3000K 1000 LM	DARK BRONZE	WALL MOUNTED	13	208	ARCHITECTURAL LED WALL PACK, DARK SKY COMPLIANT, FULL CUT OFF, WET LOCATION LISTED, 0-10V DIMMING, 5 YEAR WARRANTY. SEE NOTES 3 AND 4.
VM VM-EM	H. E. WILLIAMS	8	20'-6"	VOLTAIRE MINI ARCHITECTURAL WALL PACK MEDIUM LUMEN OUTPUT	LED 3000K 1700 LM	DARK BRONZE	WALL MOUNTED	16	208	ARCHITECTURAL LED WALL PACK, DARK SKY COMPLIANT, FULL CUT OFF, WET LOCATION LISTED, 0-10V DIMMING, 5 YEAR WARRANTY. SEE NOTES 3 AND 4.
VM1-EM	H. E. WILLIAMS	1	19'-4"	VOLTAIRE MINI ARCHITECTURAL WALL PACK MEDIUM LUMEN OUTPUT	LED 3000K 1700 LM	DARK BRONZE	WALL MOUNTED	16	208	ARCHITECTURAL LED WALL PACK, DARK SKY COMPLIANT, FULL CUT OFF, WET LOCATION LISTED, 0-10V DIMMING, 5 YEAR WARRANTY. SEE NOTES 3 AND 4.
VM2	H. E. WILLIAMS	1	17'-2"	VOLTAIRE MINI ARCHITECTURAL WALL PACK MEDIUM LUMEN OUTPUT	LED 3000K 1700 LM	DARK BRONZE	WALL MOUNTED	16	208	ARCHITECTURAL LED WALL PACK, DARK SKY COMPLIANT, FULL CUT OFF, WET LOCATION LISTED, 0-10V DIMMING, 5 YEAR WARRANTY. SEE NOTE 3.
W	H. E. WILLIAMS	1	22'	VOLTAIRE MINI ARCHITECTURAL WALL PACK HIGH LUMEN OUTPUT	LED 300K 2000 LM	DARK BRONZE	WALL MOUNTED	25	208	ARCHITECTURAL LED WALL PACK, DARK SKY COMPLIANT, FULL CUT OFF, WET LOCATION LISTED, 0-10V DIMMING, 5 YEAR WARRANTY. SEE NOTE 3.

LUMINAIRE SCHEDULE NOTES:

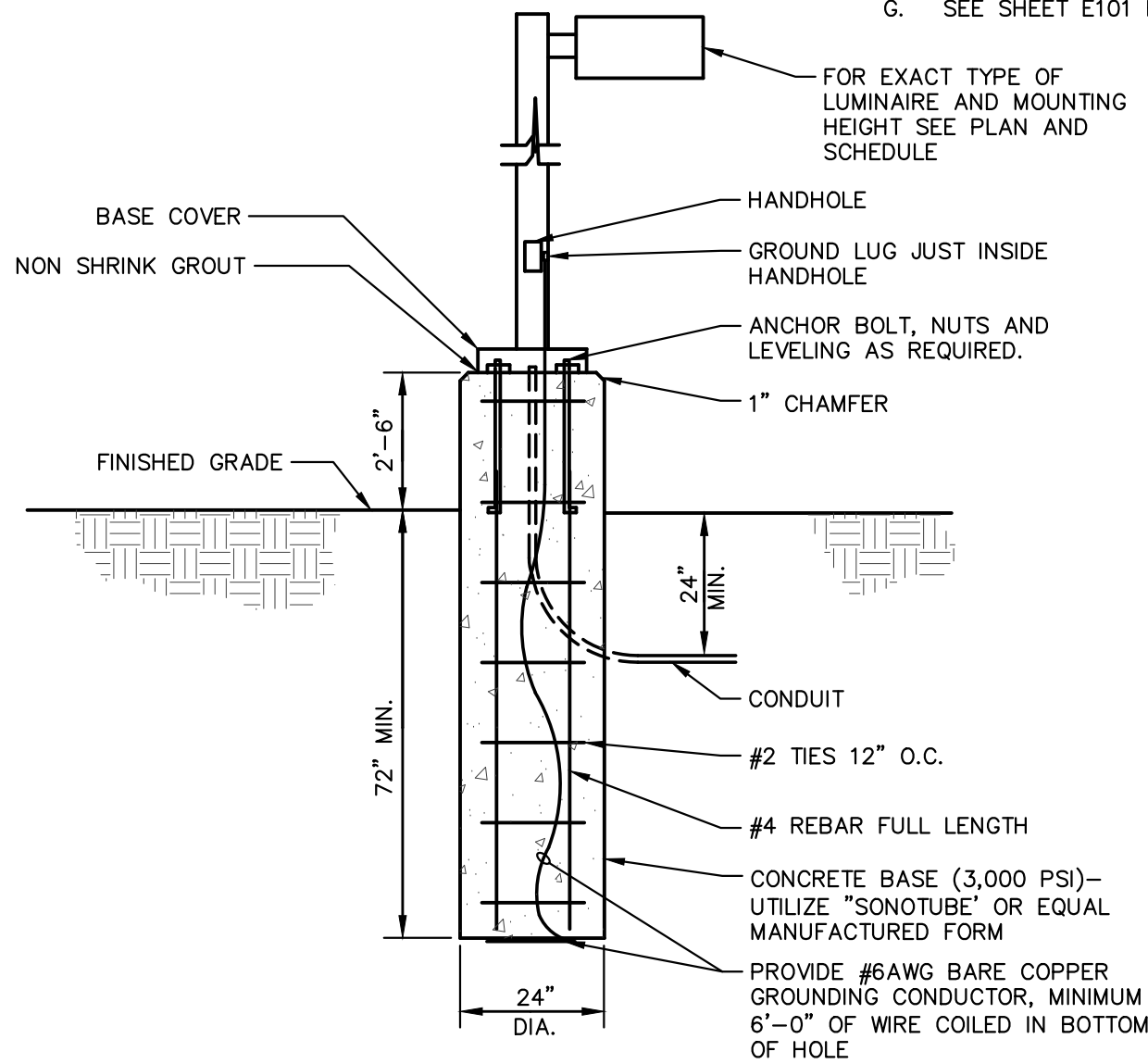
- ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE FUNCTIONING SYSTEM, INCLUDING ALL PARTS REQUIRED.
- 'SEC' INDICATES THAT THE LUMINAIRE SHALL BE WIRED AS A SECURITY LIGHT (ON FROM DUSK TO DAWN) USING SITE PHOTOCCELL. SEE GENERAL NOTES REGARDING POST-CURFEW LIGHT LEVEL REQUIREMENTS.
- HEIGHT ABOVE GRADE IS APPROXIMATE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS.
- FIXTURES DESIGNATED WITH "-EM" INDICATE THAT THE LIGHT IS TO BE CONNECTED TO AN INDOOR INVERTER OR INDOOR BATTERY PACK LISTED FOR UL 924 EMERGENCY EGRESS LIGHTING.
- CONTACT FACTORY TO REQUEST WIRING LEADS FOR THE PURPOSE OF EXTERNAL DIMMING CONTROLS.
- FIXTURES DESIGNATED WITH "H" INDICATE THAT THE LIGHT HEAD IS TO BE INSTALLED WITH A FACTORY-FURNISHED HOUSE-SIDE-SHIELD. VERIFY EXACT CATALOG NUMBER OF HOUSE-SIDE-SHIELD WITH ORIENTATION SHOWN.

GENERAL NOTES

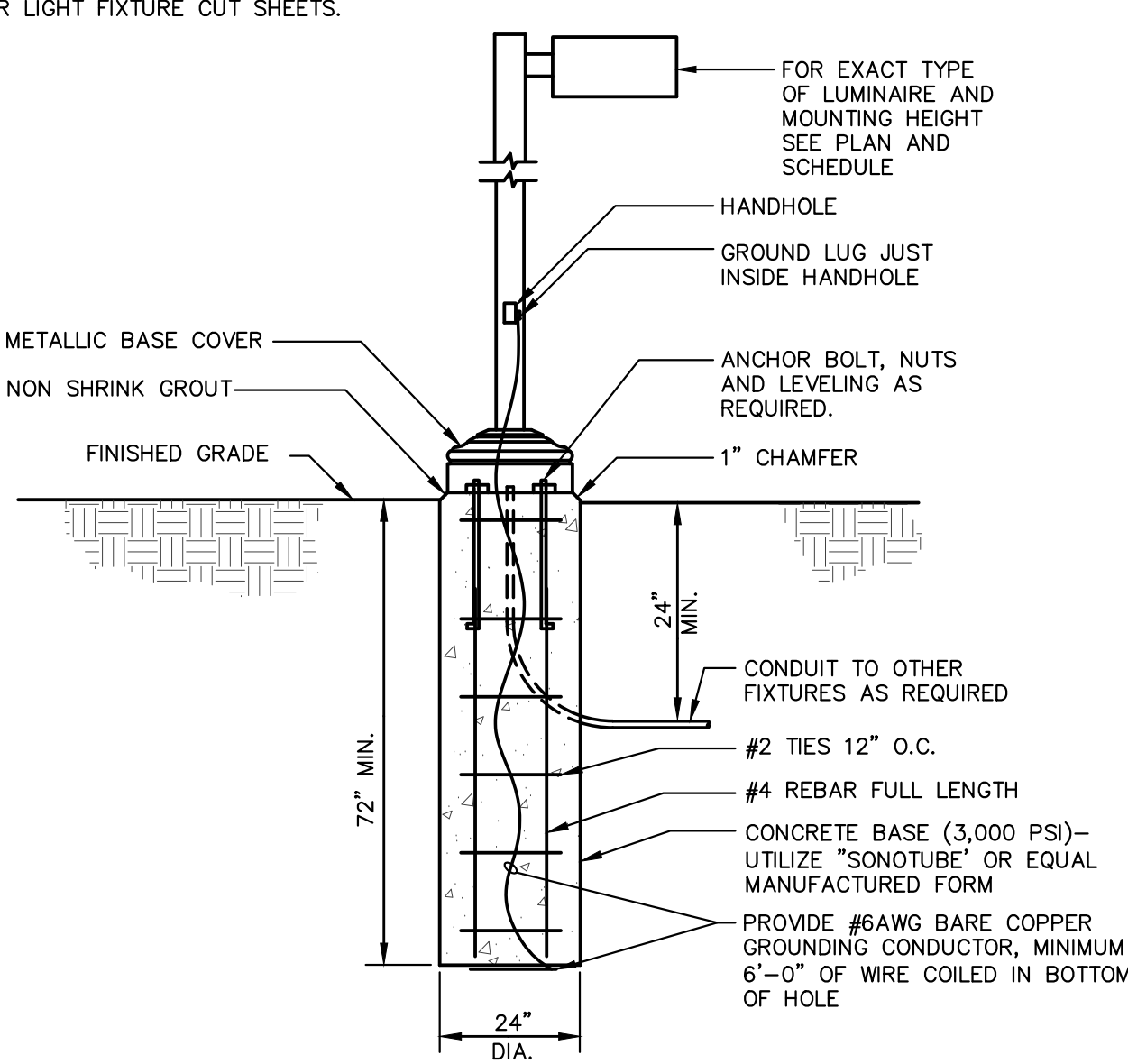
- THIS PLAN IS BASED ON THE INFORMATION AVAILABLE. THE LUMINAIRE LOCATIONS SHOWN MUST BE COORDINATED WITH EXISTING OR FUTURE FIELD CONDITIONS.
- ALL LUMINAIRES NOT DESIGNATED AS "SEC" SHALL BE ON FROM DUSK TO PRESET TIME USING SITE PHOTO CELL AND TIME CLOCK. COORDINATE TIMES FOR EACH DAY WITH THE OWNER.
- ALL LIGHTS ON PROPERTY ADJACENT TO RESIDENTIAL ZONED LAND, EXCEPT FOR THOSE USED FOR SECURITY AT ENTRANCES, SHALL BE CIRCUITED SUCH THAT LIGHTING SHALL BE REDUCED BY 50% WITHIN ONE HOUR AFTER THE END OF BUSINESS HOURS AND BE OPERATED IN SUCH 50% REDUCED MODE UNTIL ONE HOUR PRIOR TO THE COMMENCEMENT OF BUSINESS HOURS. LIGHTING CLOSEST TO THE BUILDING OR STRUCTURES SHALL BE CIRCUITED SEPARATELY FROM LIGHTING ON THE PROPERTY PERIMETER TO ALLOW AFTER HOUR (POST-CURFEW) CONTROLS.
- LIGHT FIXTURES SHALL BE INSTALLED AND MAINTAINED IN A MANNER CONSISTENT WITH THE LIGHTING PLAN APPROVED BY THE TOWN OF CASTLE ROCK. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF LIGHTING FIXTURES ON THEIR PROPERTY.
- FORWARD THROW (TYPE 4) DISTRIBUTION, POLE MOUNTED LIGHTS AIMED AT THE BUILDING FACADE AND UNSHIELDED WALL PACKS ARE PROHIBITED.
- SEE ADDITIONAL GENERAL NOTES ON E101.
- SEE SHEET E101 FOR LIGHT FIXTURE CUT SHEETS.

KEYED NOTES

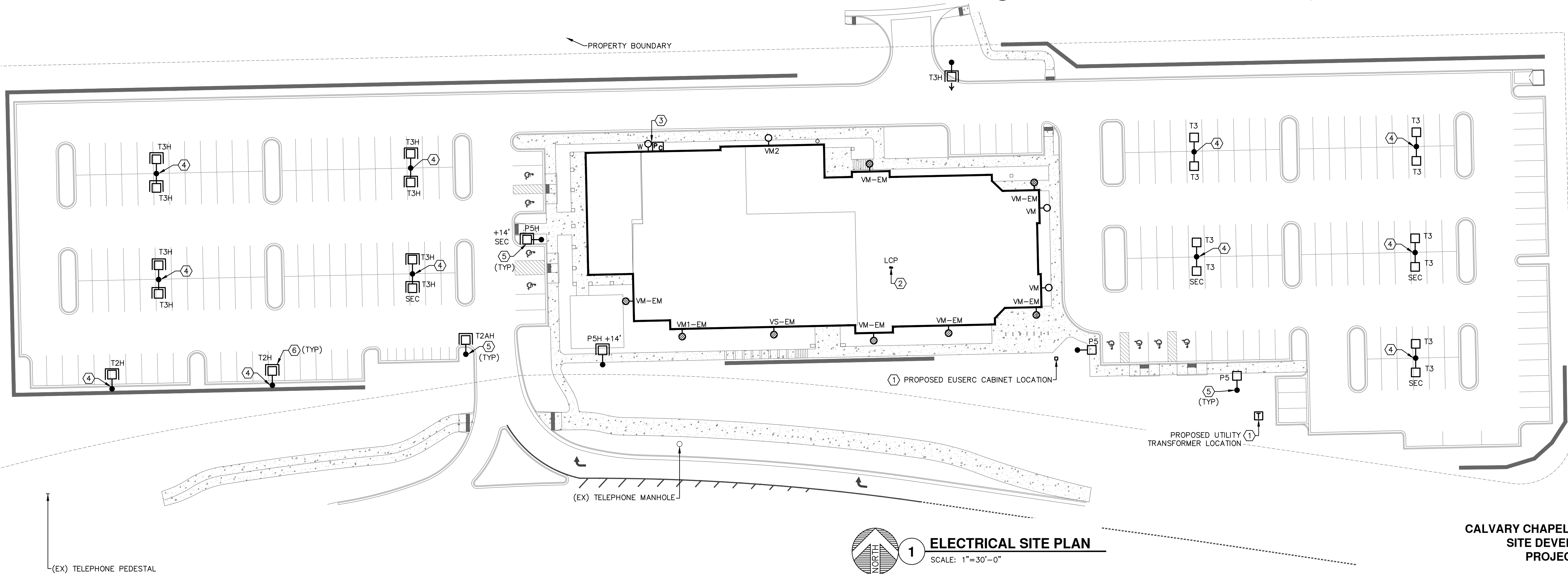
- COORDINATE EXACT LOCATION WITH FIELD CONDITIONS AND WITH IREA. IREA REQUIRES UNRESTRICTED ACCESS (NO LOCKABLE ENTRY) TO EUSERC CABINET AND TRANSFORMER.
- LIGHTING CONTROL PANEL WITH TIME CLOCK, LITHIUM BATTERY BACK UP POWER SUPPLY AND ABILITY TO PROVIDE 50% DIMMING. VOLTAGE TO MATCH LIGHTING BEING CONTROLLED. LOCATE IN STORAGE/MECHANICAL ROOM (NOT SHOWN).
- PHOTO CELL FOR CONTROLLING POLE LIGHTS AND EXTERIOR WALL-MOUNTED LIGHTS. COORDINATE EXACT LOCATION WITH FIELD CONDITIONS.
- SEE TYPICAL POLE BASE DETAIL 2, THIS SHEET.
- SEE TYPICAL DECORATIVE POLE BASE DETAIL 3, THIS SHEET. TYPICAL FOR ALL LIGHT POLES NOT IN PARKING AREA.
- SYMBOL INDICATES ORIENTATION OF 270° HOUSE-SIDE-SHIELD (PARTIALLY BLOCKING LIGHT SOURCE FROM VIEWS TO THE WEST, NORTH, AND EAST.) TYPICAL FOR ALL FIXTURE TYPES ENDING IN 'H'.



2 TYPICAL POLE BASE DETAIL
NOT TO SCALE



3 TYPICAL DECORATIVE POLE BASE DETAIL
NOT TO SCALE



1 ELECTRICAL SITE PLAN
SCALE: 1"=30'-0"

CALVARY CHAPEL CASTLE ROCK
SITE DEVELOPMENT PLAN
PROJECT # SDP16-0031

PLANT
ENGINEERING CONSULTANTS
320 W FILLMORE SUITE 100 COLORADO SPRINGS CO 80907
719 473 7077
www.planteci.com

PRELIMINARY
NOT FOR
CONSTRUCTION

CALVARY CASTLE ROCK
PROPOSED NEW CHURCH FACILITY
CASTLE ROCK, CO

REVISIONS	MARK	DATE	COMMENT
1	A	11/28/16	TOWN REVISIONS REV. 1
2	A	07/10/17	TOWN REVISIONS REV. 2
3	A	03/30/18	SITE DEVELOPMENT PLAN
4	A	04/18/18	TOWN REVISIONS REV. 3

ELECTRICAL SITE
PLAN

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HEREIN SHALL NOT BE DUPLICATED,
DISCLOSED OR OTHERWISE USED
WITHOUT WRITTEN CONSENT OF
PLANT ENGINEERING CONSULTANTS.

PROJECT	16029
DATE	06/21/2016
DRAWN	JH/AO
CHECKED	SC

SHEET

E100

13 OF 14

CALVARY CHAPEL SITE DEVELOPMENT PLAN
LOCATED IN THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 SOUTH, RANGE
67 WEST OF THE 6TH P.M. COUNTY OF DOUGLAS, STATE OF COLORADO

VIPER S SERIES
SMALL VIPER LUMINAIRE

Job: CALVARY CASTLE ROCK PROPOSED NEW CHURCH FACILITY

Type: P5, P5H, T2H, T2AH, T3, T3H

BEACON

Intended Use:
The Beacon Viper luminaire is available with a wide choice of different LED. Voltage configurations and optical distributions designed to respond to lighting up to 400W MH or HPS.

Construction:
• Manufactured with die cast aluminum.
• Coated with a powder finish that meets ASTM B117 corrosion test requirements and ASTM D3359 cracking and loss of adhesion test requirements.
• External hardware is corrosion resistant.
• One piece optical cartridge system consisting of an LED engine, LED lamps, optic, gasket and stainless steel base.
• Cartridge is held together with internal brass brackets secured to the board so that it can be field replaced as a one piece optical system.
• Two piece silicone and micro-cellular polyurethane foam gasket ensures a weather proof seal around each individual LED.

Electrical:
• 120V through 277V, 50 Hz to 60 Hz (EUN), or 240V or 480V input.
• Power factor is a .90 at full load.
• Dimming drivers are standard but must contact factory to request wiring leads for purpose of external dimming controls.
• Component for component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 800VAC at 90°C or higher.
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary AC side only.
• Future electrical components shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.
• The housing is designed for an optional test lock photo control receptacle.
• Ambient operating temperature -40°C to 40°C.
• Surge protection - 50KA.
• External 7-pin ANSI C119.41-2013 test lock photo control receptacle available. Compatible with ANSI C119.41 external wireless control devices.
• "Jitterbug" Circuit - protects luminaire from excessive temperature. The device shall activate at a specific factory preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Control/Options:
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 300' around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to factory preset level, reducing the light level accordingly. When motion is detected by the PIR sensor, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from standard configuration.
• Available with Energizer for optional self dimming, timed dimming with simple delay, or timed dimming (based on time of night (see www.beaconproducts.com/downloads/energizer)).
• In addition, Viper can be specified with SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbelllighting.com/site-sync for more details.
• Mounting options for horizontal, arm, vertical, tenon or traditional arm mounting available. Mounting hardware included.
• IP5 polyester powder-coat electro-statically applied and thermocured.
• IP5 finish consists of a five stage pre-treatment regimen with a polymer primer sealer and top coated with a fluoropolymer TGIC polyester powder coat finish.
• The finish meets the ANMA 605.2 performance specification which includes passing a 3000-hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D3359 and meets surface impact of up to 160 inch-pounds.
• Listings:
• DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/DLC>.
• Certified to UL 1598 and CSA C22.2 No.250.0.
• ETL approved.
• The product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: www.beaconproducts.com/specifications.
• Warranty:
Five year limited warranty for more information visit www.hubbelllighting.com/resources/warranty.

CERTIFICATIONS/LISTINGS
UL, DLC, ETL, IES, BEACON, HUBBELL LIGHTING

Beacon Products • 2041 58th Avenue Circle East, Bradenton, FL 34203 • Phone: 800-345-4028
Due to our continued efforts to improve our products, product specifications are subject to change without notice.
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VOLTAIRE MINI ARCHITECTURAL WALL PACK

TYPE: VS-EM, VM, VM-EM, VM1-EM, VM2, W

CATALOG # CALVARY CASTLE ROCK PROPOSED NEW CHURCH FACILITY

FINISH OPTIONS
BLK (RAL #9004)
DBZ (RAL #9004)
DBR (RAL #9004)
GRAY (RAL #9004)
SLY (RAL #9004)
WHI (RAL #9004)

SHIELDING
SDGL Soli® diffused textured tempered glass lens
SDGL Clear tempered glass lens

OPTIONS
See back for option details.
PS Factory-installed button-style photocell (120V, 208V, or 277V only, must specify voltage)
15A/10V surge protection

DRIVER
DIM Dimming driver provided for 0-10V controls

VOLTAGE
120 120V
208 208V
277 277V
UNV 120-277V

CROSS SECTIONS
VWM (Weight: 6.5 lbs)
VWM (Weight: 6.5 lbs)

ORDERING INFORMATION
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TYPE Horizontal Vertical
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LUMEN PACKAGE NOMINAL LUMENS MINIMUM CH C-CT MAXIMUM SYSTEM RATING
L10 1500 830-850 CH 3000K 14 16
L17 1500 780-790 CH 3000K 16 16
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WHI (RAL #9004)

SHIELDING
SDGL Soli® diffused textured tempered glass lens
SDGL Clear tempered glass lens

OPTIONS
See back for option details.
PS Factory-installed button-style photocell (120V, 208V, or 277V only, must specify voltage)
15A/10V surge protection

DRIVER
DIM Dimming driver provided for 0-10V controls

VOLTAGE
120 120V
208 208V
277 277V
UNV 120-277V

CROSS SECTIONS
VWM (Weight: 6.5 lbs)
VWM (Weight: 6.5 lbs)

ORDERING INFORMATION
SERIES Voltaire Mini Architectural Wall Pack
TYPE Horizontal Vertical
LED PACKAGE
LUMEN PACKAGE NOMINAL LUMENS MINIMUM CH C-CT MAXIMUM SYSTEM RATING
L10 1500 830-850 CH 3000K 14 16
L17 1500 780-790 CH 3000K 16 16
L20 2000 720-730 CH 3000K 25 25

DISTRIBUTION
TL Lambertian distribution (L10 & L17 only)
TS Type II (L20 only)

FINISH OPTIONS
BLK (RAL #9004)
DBZ (RAL #9004)
DBR (RAL #9004)
GRAY (RAL #9004)
SLY (RAL #9004)
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DISTRIBUTION
TL Lambert