PROJECT SUMMARY CODE COMPLIANCE **APPLICANT/TOWER OWNER:** CITY OF FORT COLLINS, COLORADO CODE COMPLIANCE: 2015 IBC WITH LOCAL AMENDMENTS 2220 UNIVERSITY DRIVE 2015 IMC WITH LOCAL AMENDMENTS 2015 IPC WITH LOCAL AMENDMENTS NEWPORT BEACH, CA 92660 2017 NATIONAL ELECTRICAL CODES **TENEANT/CARRIER:** 18400 E 22ND AVENUE AURORA, CO 80011 **APPLICANT AGENT:** SJ CONSULTING INC. 7130 PASEO ESPADA, SUITE #A-1426 SAN JUAN CAPISTRANO, CA 92675 SHEET INDEX MOBILE: (925) 785-3727 EMAIL: tom@tsjconsultinginc.com **ARCHITECTURAL** TITLE SHEET DESIGN CONSULTANT: PHOTO SIMULATIONS CAMP & ASSOCIATES INC. PHOTO SIMULATIONS 19401 40TH AVE W SUITE 304 LYNNWOOD, WA 98036 PRELIMINARY SITE SURVEY CONTACT: ERIC CAMP PRELIMINARY NOTES PHONE: 425-740-6392 7D - 1.0OVERALL SITE PLAN ZD - 1.1ENLARGED SITE PLAN **LEGAL DESCRIPTION:** 2D - 1.2LANDSCAPE PLAN 2D - 1.3ENLARGED LANDSCAPE PLAN 7D - 1.4LANDSCAPE NOTES ZD-2.0ANTENNA PLANS COUNTY OF LARIMER, STATE OF COLORADO. ZD - 3.0SOUTH ELEVATION 2D - 3.1NORTH FACE FENCE ELEVATION ZD - 4.0UCR OVERALL SITE PLAN $^{7}D-4.1$ UCR ENLARGED SITE PLAN ZD-4.2UCR ONE LINE DIAGRAM **SITE NAME:** SUMMITVIEW COMMUNITY CHURCH **SITE ADDRESS:** 1601 W DRAKE ROAD FORT COLLINS, CO 80526 LAND OWNER: SUMMITVIEW COMMUNITY CHURCH **STRUCTURE OWNER:** MOBILITIE FT COLLINS JURISDICTION: 97224189001 PARCEL NUMBER: SIGNATURE BLOCK **ZONING:** POL (PUBLIC OPEN LANDS) OCCUPANCY: U (UTILITY) TITLE SIGNATURE DATE **CONSTRUCTION TYPE:** 2B CONSTRUCTION PROJECT DESCRIPTION: MANAGER SCOPE OF WORK: EQUIPMENT COMPOUND S.O.W.: RF ENGINEER INSTALL: 1 (P) EQUIPMENT COMPOUND WHICH INCLUDES NEW EQUIPMENT CABINETS AND ANCILLARY EQUIPMENT WITHIN A WOODEN FENCE ENCLOSURE INSTALL: 1 (P) 71'-0" MONOPINE (TOP OF BRANCJES AT 75'-0") WITH PANEL ANTENNAS AND ANCILLARY EQUIPMENT REAL ESTATE INSTALL: (P) (1) OVP-6 AT THE EQUIPMENT SITE TOWER S.O.W.: ACQUISITION INSTALL: (P) (20) PANEL ANTENNAS ON THE TOWER (14 OF WHICH ARE FOR INSTALL: (P) (3) TMA'S ON THE TOWER PROPERTY INSTALL: (P) (3) RRU'S ON THE TOWER OWNER

TOWER

OWNER

INSTALL: (P) (6) 7/8" CABLES FROM EQUIPMENT TO THE ANTENNAS

INSTALL: (P) (2) HCS CABLES (1 IS FOR FUTURE USE)

INSTALL: (P) (1) COVP-6 ON THE TOWER

CONFIDENTIAL AND PROPRIETARY

Not for disclosure outside MOBILITIE without permission.



SUMMITVIEW COMMUNITY CHURCH

(NEW BUILD)

PROJECT NUMBER: 3CO36507/DN04198D

1601 W DRAKE ROAD

FORT COLLINS, CO 80526

LAT: 40°33' 10.8" N LONG: 105° 06' 21.1" W

ELEVATION: ±5054.9AMSL

SUMMITVIEW COMMUNITY CHURCH

(NEW BUILD) 1601 W DRAKE ROAD FORT COLLINS, CO 80526



19401 40TH AVE. W., SUITE 304 YNNWOOD, WA 98036 PHONE: (425) 740-6392

PROJECT MANAGER:

RDL

PREPARED BY:

APPROVED BY:

GA 5/28/19 CLIENT REVISIONS GA 3/28/19 CLIENT REVISIONS RDL 2/25/19 CLIENT REVISIONS

RDL 2/19/19 CLIENT REVISIONS

GA 12/20/18 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE



PERSPECTIVE VIEW

SHEET NAME

TITLE SHEET

PROFESSIONAL STAMP

SHEET NUMBER

T-1.0

PROJECT NUMBER 3CO36507/DN04198D

AERIAL VIEW

PRIVING DIRECTIONS FROM DENVER INTERNATIONAL AIRPORT:

DEPART NEAR WATKINS ON E 80TH AVE (SOUTH-EAST) TURN RIGHT (SOUTH) ONTO HARRY B COMBS PKWY ROAD NAME CHANGES TO E 75TH AVE

KEEP RIGHT ONTO LOCAL ROAD(S)

AREA MAP

KEEP STRAIGHT ONTO JACKSON GAP ST

TAKE RAMP (LEFT) ONTO PENA BLVD WEST *TOLL ROAD*

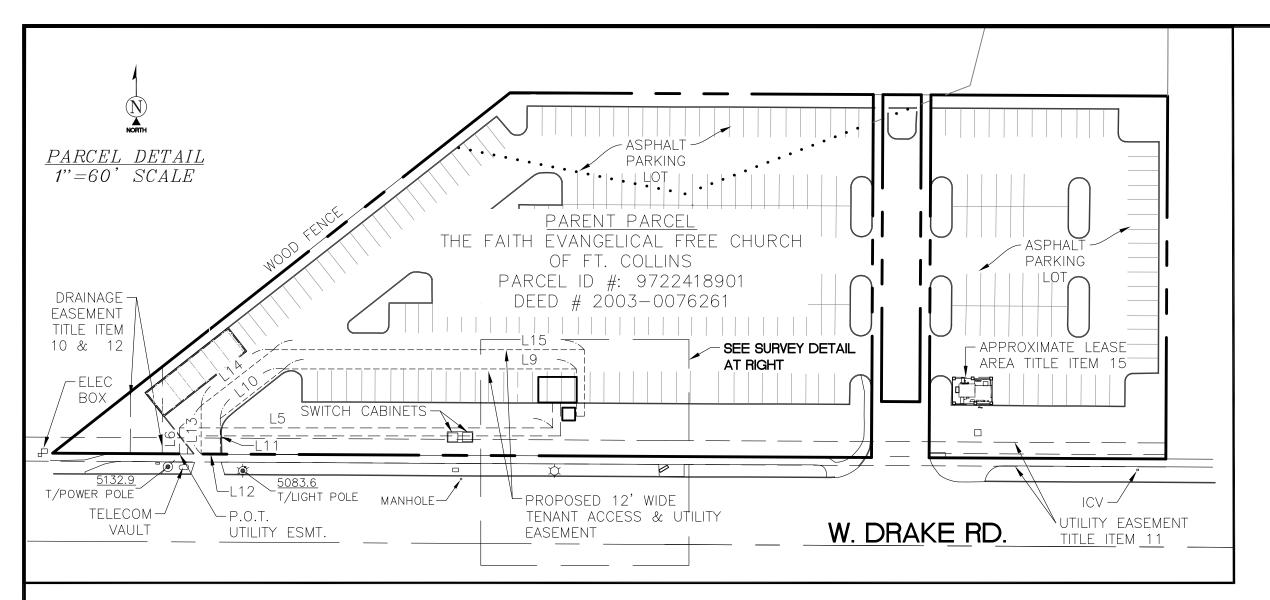
AT EXIT 6B, TAKE RAMP (RIGHT) ONTO E-470 TOLLWAY N / BOULDER / FORT COLLINS9:23 AM22.7 *TOLL ROAD* 7) AT EXIT 47, KEEP RIGHT ONTO RAMP II-25 / DENVER / FT COLLINS *TOLL ROAD*

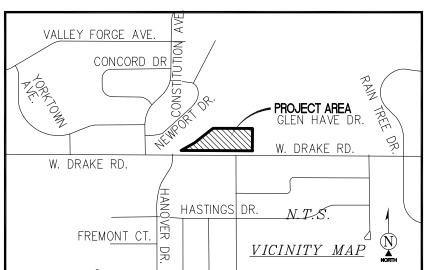
8) KEEP RIGHT TO STAY ON RAMP I-25 N / FT COLLINS 9) MERGE ONTO I-25 [US-87] 10) AT EXIT 262, TURN RIGHT ONTO RAMP CO-392 / WINDSOR 11) TURN LEFT (WEST) ONTO CO-392 [CR-32]

12) KEEP STRAIGHT ONTO CO-392 [CARPENTER RD] 13) TURN RIGHT (NORTH) ONTO US-287 [S COLLEGE AVE]

15) ARRIVE AT 1601 W DRAKE RD, FORT COLLINS, CO 80526

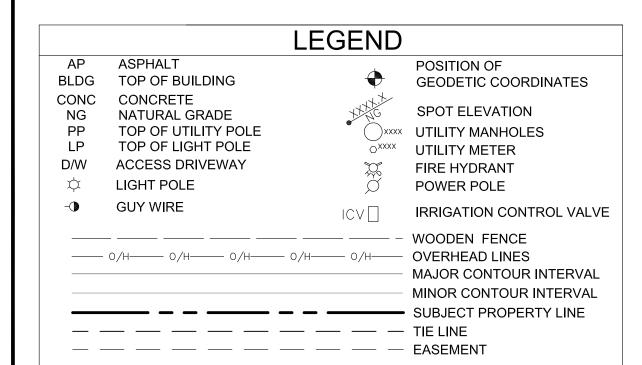
14) TURN LEFT (WEST) ONTO LOCAL ROAD(S) ROAD NAME CHANGES TO W DRAKE RD





POSITION OF GEODETIC COORDINATES- PROPOSED TOWER LATITUDE 40° 33' 10.8" NORTH (NAD83) LONGITUDE 105° 06' 21.1" WEST (NAD83) GROUND ELEVATION @ 5054.9' (NAVD88)

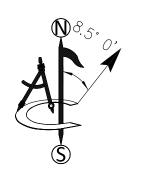
Line Table							
Line #	Length	Direction					
L1	8.00'	S00°00'00"E					
L2	8.00'	N90°00'00"W					
L3	8.00'	N00°00'00"E					
L4	8.00'	N90°00'00"E					
L5	233.28'	N90°00'00"W					
L6	16.24	S00°00'00"E					
L7	5.00'	N90°00'00"W					
L8	29.47'	N00°00'00"E					
L9	182.59	N90°00'00"W					
L10	50.57	S52°10'29"W					
L11	22.17'	S00°00'00"E					
L12	11.95'	N89°41'39"W					
L13	30.13'	N00°00'00"E					
L14	57.05	N52°10'29"E					
L15	194.42	N90°00'00"E					
L16	41.47'	S00°00'00"E					

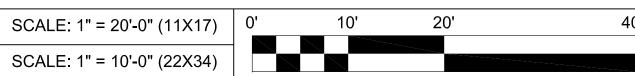


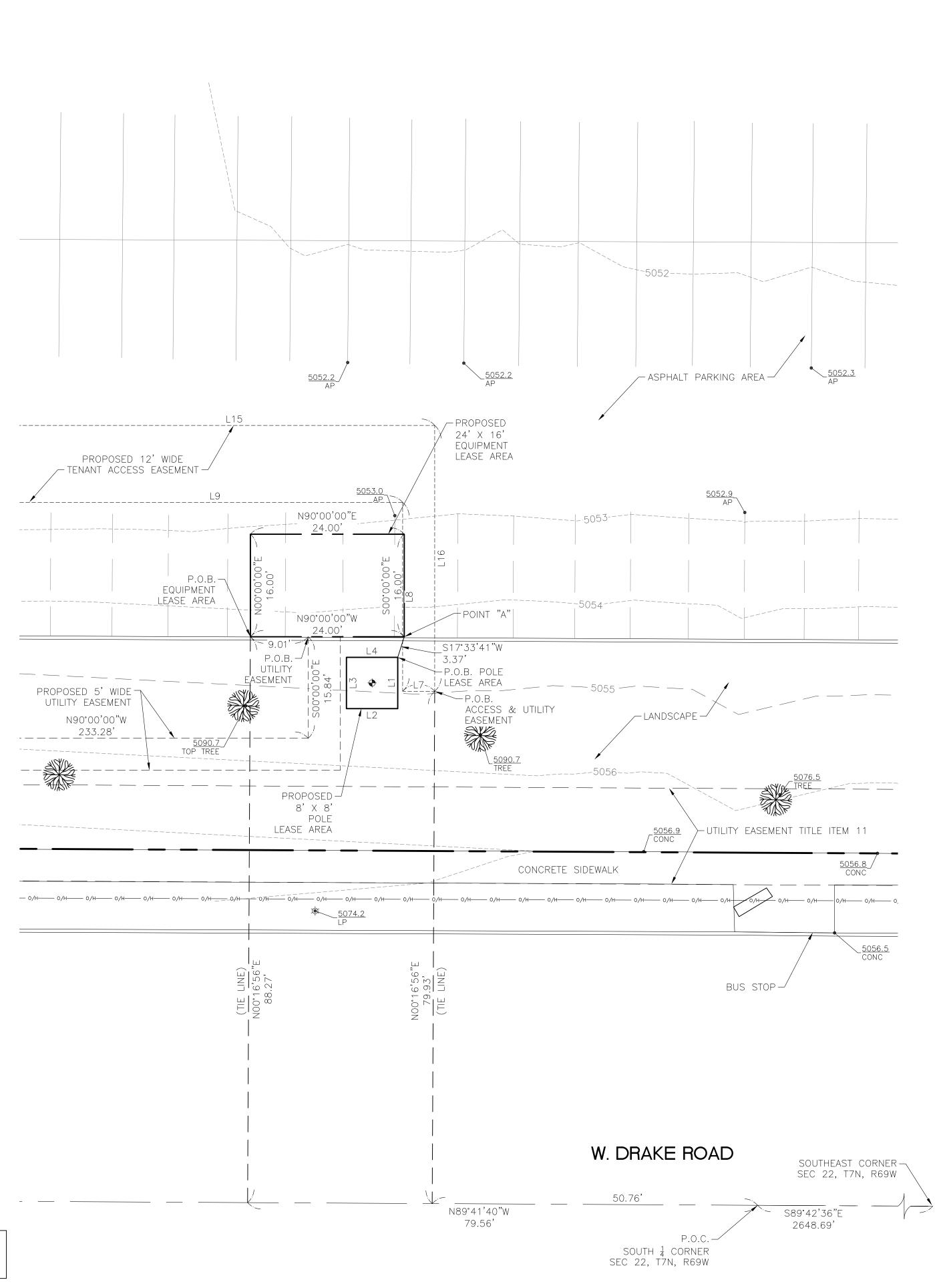
SURVEYOR'S NOTE

- 1. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT ANY INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. BUILDING SETBACK LINES, ZONING, FLOOD AREA ZONES, AND ADDRESSES THAT MAY BE SHOWN ARE SUPPLIED BY THE GOVERNING AGENCY OR TAKEN FROM THE BEST AVAILABLE RECORDS. THE SURVEYOR WILL NOT ACCEPT RESPONSIBILITY FOR THE ACCURACY OF ANY INFORMATION SUPPLIED BY OTHERS.
- 3. THE DESCRIPTION OF PROPERTY BOUNDARIES AND EASEMENTS SHOWN HEREON, TO BE PROVIDED BY TITLE COMPANY.
- 4. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 (2011) COORDINATE SYSTEM COLORADO STATE PLANE COORDINATE NORTH ZONE, DETERMINED BY GPS OBSERVATIONS.
- 5. THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID #08069C0986G, MAP REVISED MAY 02, 2012.
- 6. PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12B' MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY RAW STATIC GPS DATA PROCESSED ON THE NGS OPUS WEBSITE. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88 DATUM.
- 7. THE DATE OF SURVEY AND FIELD OBSERVATION USED FOR THIS SURVEY WERE TAKEN OCTOBER 25, 2016.
- 8. THE PURPOSE OF THIS SURVEY IS TO ESTABLISH OR DETERMINE A T MOBILE WIRELESS LEASE PARCEL & ASSOCIATED EASEMENTS. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION PROVIDED AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
- 9. ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

(C.R.S. 13-80-105)









DNO4198D SUMMITVIEW COMMUNITY CHURCH

1601 W. DRAKE FT COLLINS, CO 80526 LARIMER COUNTY



19401 40TH AVE. W., SUITE 304 LYNNWOOD, WA 98036 PHONE: (425) 740-6390 FAX: (425) 224-1614 WWW.CAMPASSOC.COM

PROJECT MANAGER:

PREPARED BY:

APPROVED BY:

MW 02-08-19 COMMENTS (C)
MF 05-15-19 COMMENTS (C)

MF 06-25-18 LEASE AREA (C)

CK 04-23-18 REVISE LEASE AREA (C)

RG 12-20-17 ADD LEGAL DESCRIPTION (FINAL COLOR)

RR 06-16-17 UPDATE TITLE (C)

MF 02-14-17 COMMENTS (C)

CK 02-03-17 ADD TITLE

RAG 12-19-16 ADD POLE DETAIL

DO | 12-17-18 | COMMENTS (C)

ambit consulting
410 E. SOUTHERN AVE. TEMPE, AZ 8

PH. (480) 659-4072

SHEET NAME

PRELIMINARY SITE SURVEY

SHEET NUMBER

SV-1

LESSOR'S LEGAL DESCRIPTION

PROPERTY LOCATED IN LARIMER, CO
LOT ONE (1), FAITH EVANGELICAL FREE CHURCH SUB-DIVISION AND
LOTS ONE (1), TWO (2) AND TRACTS B, C, F AND
G FAITH EVANGELICAL FREE CHURCH NORTH PARKING LOT, LESS
THAT PORTION CONVEYED TO THE CITY OF FORT COLLINS
IN DEED RECORDED NOVEMBER 5, 1996 AS RECEPTION NO. 96079886,
IN THE CITY OF FORT COLLINS, COUNTY OF
LARIMER, STATE OF COLORADO.
AND BEING THE SAME PROPERTY CONVEYED TO SUMMITVIEW
COMMUNITY CHURCH, A COLORADO CORPORATION
FROM THE FAITH EVANGELICAL FREE CHURCH OF FORT COLLINS, A
COLORADO NON-PROFIT CORPORATION BY WARRANTY
DEED DATED JUNE 18, 2003 AND RECORDED JUNE 23, 2003 IN
INSTRUMENT NO. 2003-0076261.

NOTE:

NO WIRELESS TELECOMMUNICATION FACILITY OR EQUIPMENT OWNER OR LESSEE OR EMPLOYEE THEREOF SHALL ACT TO EXCLUDE OR ATTEMPT TO EXCLUDE ANY OTHER WIRELESS TELECOMMUNICATION PROVIDER FROM USING THE SAME BUILDING, STRUCTURE OR LOCATION. WIRELESS TELECOMMUNICATION FACILITY OR EQUIPMENT OWNERS OR LESSEES OR EMPLOYEES THEREOF, AND APPLICANTS FOR THE APPROVAL OF PLANS FOR THE INSTALLATION OF SUCH FACILITIES OR EQUIPMENT, SHALL COOPERATE IN GOOD FAITH TO ACHIEVE CO-LOCATION OF WIRELESS TELECOMMUNICATION FACILITIES AND EQUIPMENT.

SCHEDULE "B" NOTE

REFERENCE IS MADE TO THE REPORT OF TITLE ORDER #36200-17-01959, ISSUED BY NORTH AMERICAN TITLE INSURANCE COMPANY, DATED JUNE 2, 2017. ALL EASEMENTS CONTAINED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED.

NOTE: TITLE ITEMS 1-7, 9, 13, 14, AND 16-20 ARE NOT SURVEY MATTERS OR ARE NOT PLOTTABLE.

ITEMIZED NOTES:

- 8. EASEMENTS, NOTES, TERMS, CONDITIONS, PROVISIONS, AGREEMENTS AND OBLIGATIONS AS SHOWN ON THE PLAT OF FAITH EVANGELICAL FREE CHURCH SUBDIVISION RECORDED FEBRUARY 18, 1972 IN PLAT BOOK F AT PAGE 34. (DOES NOT AFFECT LEASE AREA)
- 9. TERMS, CONDITIONS, PROVISIONS AND AGREEMENTS SPECIFIED UNDER THE AGREEMENT BY AND BETWEEN THE CITY OF FORT COLLINS AND FAITH EVANGELICAL FREE CHURCH RECORDED FEBRUARY 6, 1980 AT RECEPTION NO. 349427. (UNDEFINED)
- 10. TERMS, CONDITIONS, PROVISIONS, AGREEMENTS AND OBLIGATIONS SPECIFIED UNDER THE AGREEMENT OF EXCHANGE OF REAL PROPERTY RECORDED SEPTEMBER 21, 1990 AT RECEPTION NO. 90043794. (PLOTTED)
- 11. EASEMENTS, NOTES, TERMS, CONDITIONS, PROVISIONS, AGREEMENTS
 AND OBLIGATIONS AS SHOWN ON THE PLAT OF FAITH EVANGELICAL FREE
 CHURCH NORTH PARKING LOT RECORDED OCTOBER 12, 1990 IN PLAT BOOK F
 AT PAGE 281. (PLOTTED)
- 12. TERMS, CONDITIONS, PROVISIONS, AGREEMENTS AND EASEMENTS
 SPECIFIED UNDER THE GRANT OF STORM DRAINAGE EASEMENTS RECORDED
 OCTOBER 25, 1990 AT RECEPTION NO. 90049275.
 (PLOTTED)
- 15. TERMS, CONDITIONS, PROVISIONS, AGREEMENTS AND OBLIGATIONS SPECIFIED UNDER THE MEMORANDUM OF LEASE RECORDED OCTOBER 29, 2003 AT RECEPTION NO. 2003-0136960. SUBORDINATION, ATTORNMENT AND NON-DISTURBANCE AGREEMENT RECORDED MARCH 28, 2013 AT RECEPTION NO. 20130023636. (PLOTTED)

UTILITY EASEMENT LEGAL DESCRIPTION

A PORTION OF THAT CERTAIN PROPERTY DESCRIBED IN A DEED DATED JUNE 18, 2003 AND RECORDED JUNE 23, 2003 IN INSTRUMENT NO. 2003-0076261; ALSO BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 7 NORTH, RANGE 69 WEST OF THE 6TH P.M., LARIMER COUNTY, COLORADO, BEING A 5.00 FEET WIDE STRIP OF LAND LYING EAST & SOUTH OF THE FOLLOWING DESCRIBED SIDELINE:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 22 FROM WHICH THE SOUTHEAST CORNER BEARS SOUTH 89°42'36" EAST, A DISTANCE OF 2648.69 FEET; THENCE ALONG SOUTH LINE OF SAID SECTION NORTH 89°41'40" WEST, A DISTANCE OF 79.56 FEET; THENCE DEPARTING SAID LINE, NORTH 00°16'56" EAST, A DISTANCE OF 88.27 FEET; THENCE NORTH 90°00'00" EAST, A DISTANCE OF 9.01 FEET TO THE POINT OF BEGINNING:

THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 15.84 FEET; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 233.28 FEET; THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 16.24 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF WEST DRAKE ROAD, SAID POINT ALSO BEING THE POINT OF TERMINUS.

BOTH SIDELINES OF SAID 5.00 FEET WIDE STRIP OF LAND ARE TO TERMINATE ON SAID NORTH RIGHT-OF-WAY LINE.

CONTAINING 1327 SQ. FT. OF LAND MORE OR LESS.

LEASE AREA LEGAL DESCRIPTION

A PORTION OF THAT CERTAIN PROPERTY DESCRIBED IN A DEED DATED JUNE 18, 2003 AND RECORDED JUNE 23, 2003 IN INSTRUMENT NO. 2003-0076261; ALSO BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 7 NORTH, RANGE 69 WEST OF THE 6TH P.M., LARIMER COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 22 FROM WHICH THE SOUTHEAST CORNER BEARS SOUTH 89°42'36" EAST, A DISTANCE OF 2648.69 FEET; THENCE ALONG SOUTH LINE OF SAID SECTION NORTH 89°41'40" WEST, A DISTANCE OF 79.56 FEET; THENCE DEPARTING SAID LINE, NORTH 00°16'56" EAST, A DISTANCE OF 88.27 FEET TO THE POINT OF BEGINNING OF A 24.00 FEET BY 16.00 FEET EQUIPMENT LEASE AREA;

THENCE NORTH 00°00'00" EAST, A DISTANCE OF 16.00 FEET; THENCE NORTH 90°00'00" EAST, A DISTANCE OF 24.00 FEET; THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 16.00 FEET TO A POINT TO BE HEREAFTER KNOWN AS POINT "A"; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 24.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 384 SQ. FT. MORE OR LESS.

TOGETHER WITH:

A PORTION OF THAT CERTAIN PROPERTY DESCRIBED IN A DEED DATED JUNE 18, 2003 AND RECORDED JUNE 23, 2003 IN INSTRUMENT NO. 2003-0076261; ALSO BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 7 NORTH, RANGE 69 WEST OF THE 6TH P.M., LARIMER COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE AFOREMENTIONED POINT "A"; THENCE SOUTH 17°33'41" WEST, A DISTANCE OF 3.37 FEET TO THE POINT OF BEGINNING OF AN 8.00 FEET BY 8.00 FEET POLE LEASE AREA;

THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 8.00 FEET; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 8.00 FEET; THENCE NORTH 00°00'00" EAST, A DISTANCE OF 8.00 FEET; THENCE NORTH 90°00'00" EAST, A DISTANCE OF 8.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 64 SQ. FT. MORE OR LESS.

ACCESS & UTILITY EASEMENT LEGAL DESCRIPTION

A PORTION OF THAT CERTAIN PROPERTY DESCRIBED IN A DEED DATED JUNE 18, 2003 AND RECORDED JUNE 23, 2003 IN INSTRUMENT NO. 2003-0076261; ALSO BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 7 NORTH, RANGE 69 WEST OF THE 6TH P.M., LARIMER COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 22 FROM WHICH THE SOUTHEAST CORNER BEARS SOUTH 89°42'36" EAST, A DISTANCE OF 2648.69 FEET; THENCE ALONG SOUTH LINE OF SAID SECTION NORTH 89°41'40" WEST, A DISTANCE OF 50.76 FEET; THENCE DEPARTING SAID LINE, NORTH 00°16'56" EAST, A DISTANCE OF 79.93 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 90°00'00" WEST, A DISTANCE OF 5.00 FEET; THENCE NORTH 00°00'00" EAST, A DISTANCE OF 29.47 FEET; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 182.59 FEET; THENCE SOUTH 52°10'29" WEST, A DISTANCE OF 50.57 FEET; THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 22.17 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF WEST DRAKE ROAD; THENCE ALONG SAID RIGHT-OF-WAY LINE NORTH 89°41'39" WEST, A DISTANCE OF 11.95 FEET; THENCE DEPARTING SAID RIGHT-OF-WAY, NORTH 00°00'00" EAST, A DISTANCE OF 30.13 FEET; THENCE NORTH 52°10'29" EAST, A DISTANCE OF 57.05 FEET; THENCE NORTH 90°00'00" EAST, A DISTANCE OF 194.42 FEET; THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 41.47 FEET TO THE POINT OF BEGINNING.

CONTAINING 3488 SQ. FT. OF LAND MORE OR LESS.



DNO4198D
SUMMITVIEW
COMMUNITY
CHURCH
1601 W. DRAKE
FT COLLINS, CO 80526
LARIMER COUNTY



19401 40TH AVE. W., SUITE 304 LYNNWOOD, WA 98036 PHONE: (425) 740-6390 FAX: (425) 224-1614 WWW.CAMPASSOC.COM

PROJECT MANAGER:

PREPARED BY:

APPROVED BY: JH

MF 05-15-19 COMMENTS (C)

MF 06-25-18 LEASE AREA (C)

CK 04-23-18 REVISE LEASE AREA (C)

RG | 12-21-17 | ADD | LEGAL DESCRIPTION (C

RR 06-16-17 UPDATE TITLE (C)

MF 02-14-17 COMMENTS (C)
CK 02-03-17 ADD TITLE

RAG 12-19-16 ADD POLE DETAIL

DO 12-17-18 COMMENTS (C)



ambit consulting
410 E. SOUTHERN AVE. TEMPE, AZ 8
PH. (480) 659-4072

SHEET NAME

PRELIMINARY NOTES

SHEET NUMBER

SV-2

NOTES 3C036507/DN04198D



VIEW #1 LOOKING NORTH FROM THE CHURCH



CURRENT

VIEW #2 LOOKING NORTHWEST ON W. DRAKE ROAD







OPOSED TIM BRADLEY IMAGING

intelligent infrastructure

SUMMITVIEW COMMUNITY CHURCH

(NEW BUILD) 1601 W DRAKE ROAD FORT COLLINS, CO 80526



19401 40TH AVE. W., SUITE 304 LYNNWOOD, WA 98036 PHONE: (425) 740-6392 WWW.CAMPASSOC.COM

PROJECT MANAGER:

PREPARED BY:

APPROVED BY:

GA 5/28/19 CLIENT REVISIONS

GA 3/28/19 CLIENT REVISIONS

RDL 2/25/19 CLIENT REVISIONS

RDL 2/19/19 CLIENT REVISIONS
GA 12/20/18 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE

PROFESSIONAL STAMP

SHEET NAME

PHOTO SIMULATIONS

SHEET NUMBER

T-1.1



CURRENT

VIEW #3 LOOKING NORTHEAST ON W. DRAKE ROAD



PROPOSED TIM BRADLEY IMAGING



CURRENT

VIEW #4 LOOKING SOUTH ON SPRING CREEK TRAIL



PROPOSED TIM BIRADLEY IMAGING

intelligent infrastructure

SUMMITVIEW COMMUNITY CHURCH

(NEW BUILD) 1601 W DRAKE ROAD FORT COLLINS, CO 80526



19401 40TH AVE. W., SUITE 304 LYNNWOOD, WA 98036 PHONE: (425) 740-6392 WWW.CAMPASSOC.COM

PROJECT MANAGER: GA

PREPARED BY:

APPROVED BY:

GA 5/28/19 CLIENT REVISIONS
GA 3/28/19 CLIENT REVISIONS
RDL 2/25/19 CLIENT REVISIONS

RDL 2/19/19 CLIENT REVISIONS
GA 12/20/18 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE

PROFESSIONAL STAMP

SHEET NAME

PHOTO SIMULATIONS

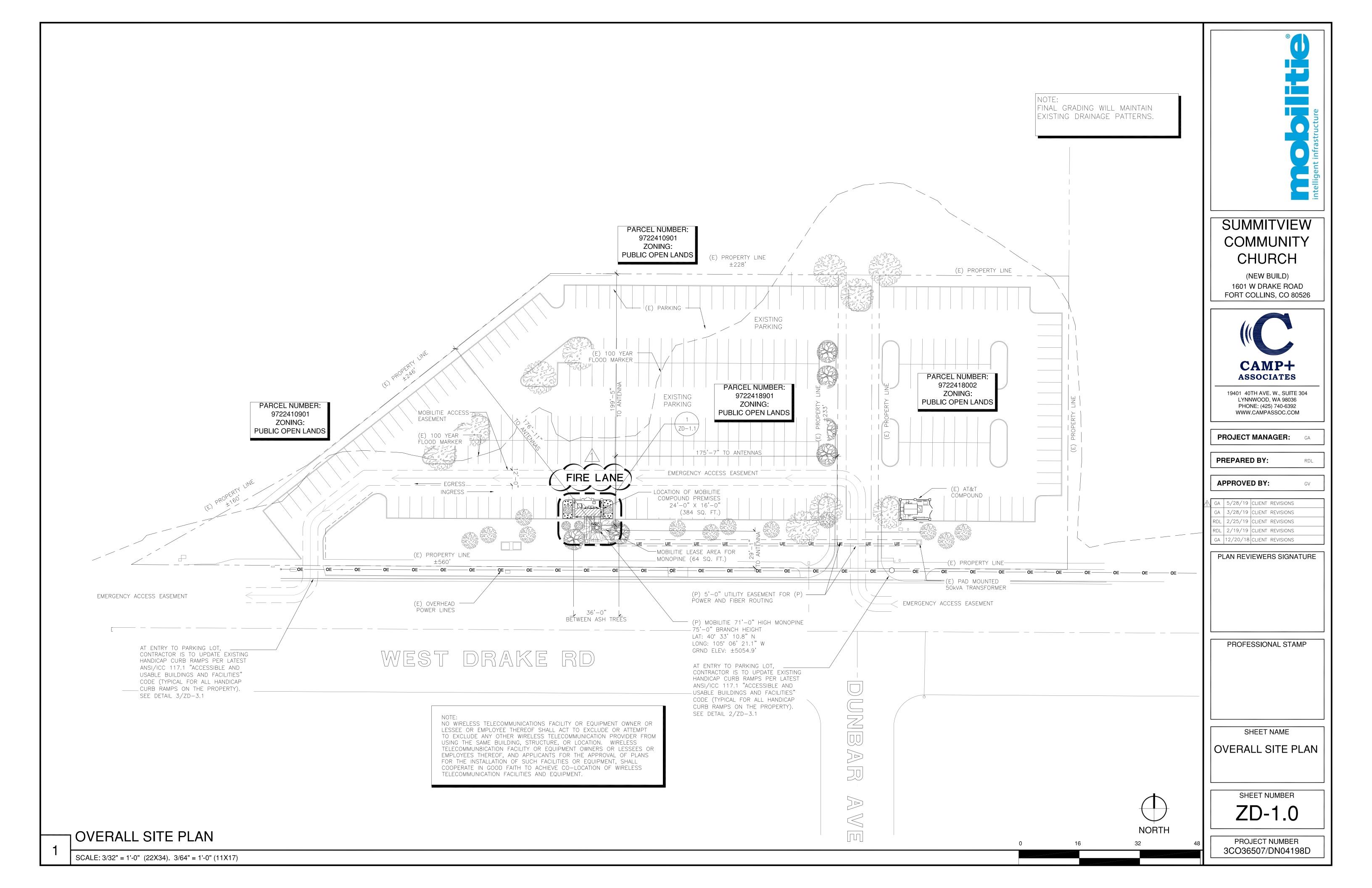
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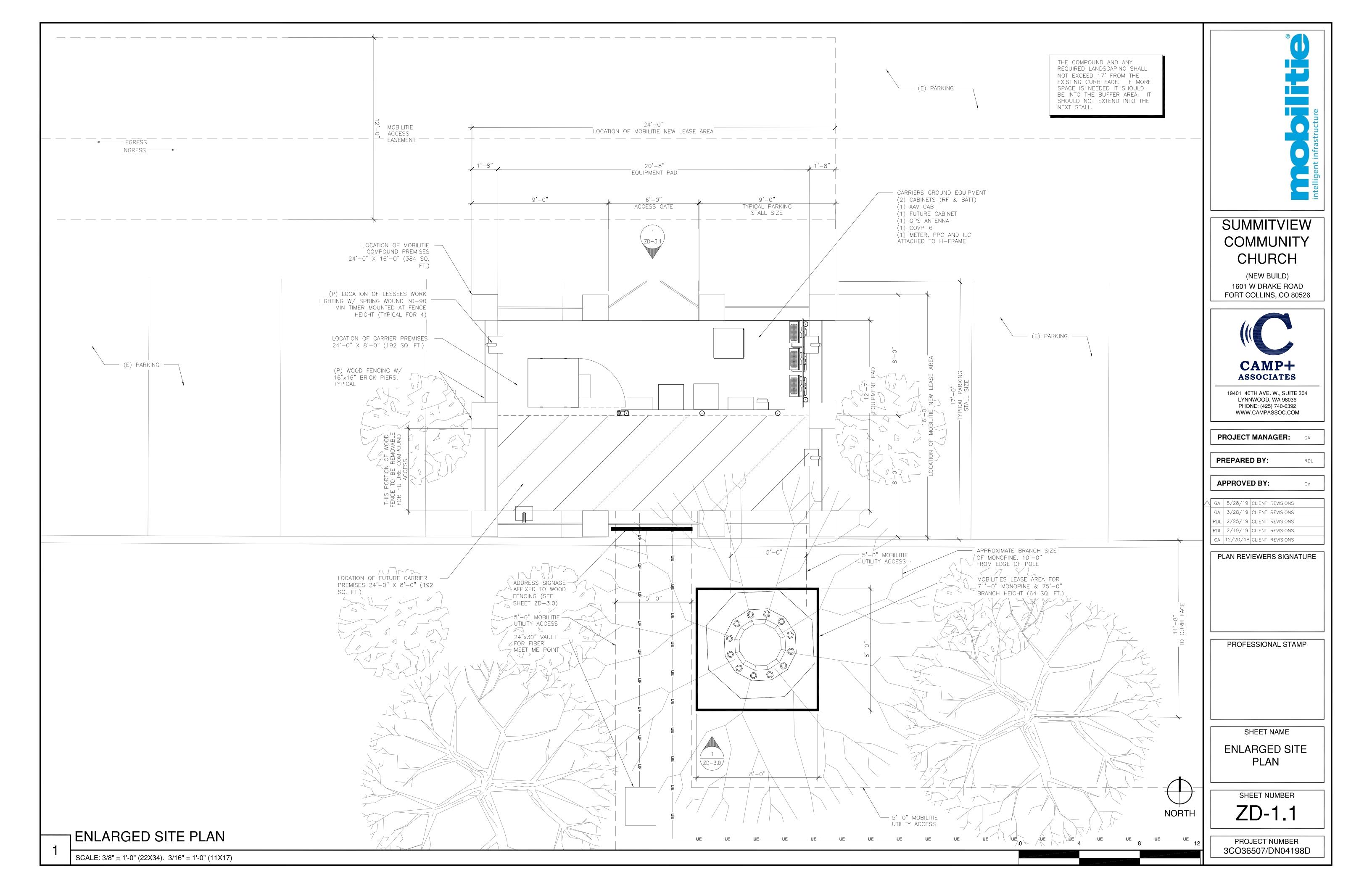
T-1.2

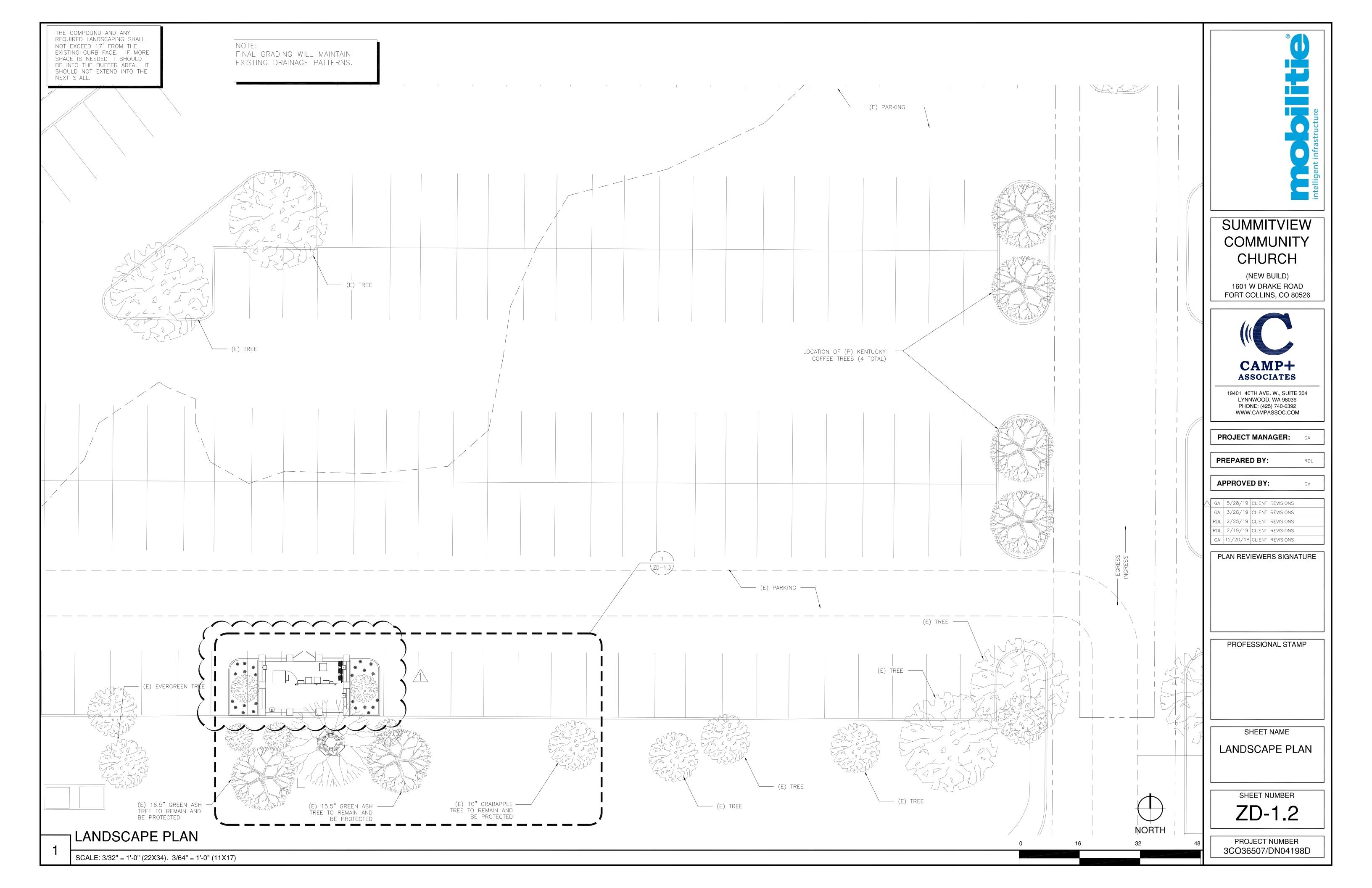
PROJECT NUMBER 3CO36507/DN04198D

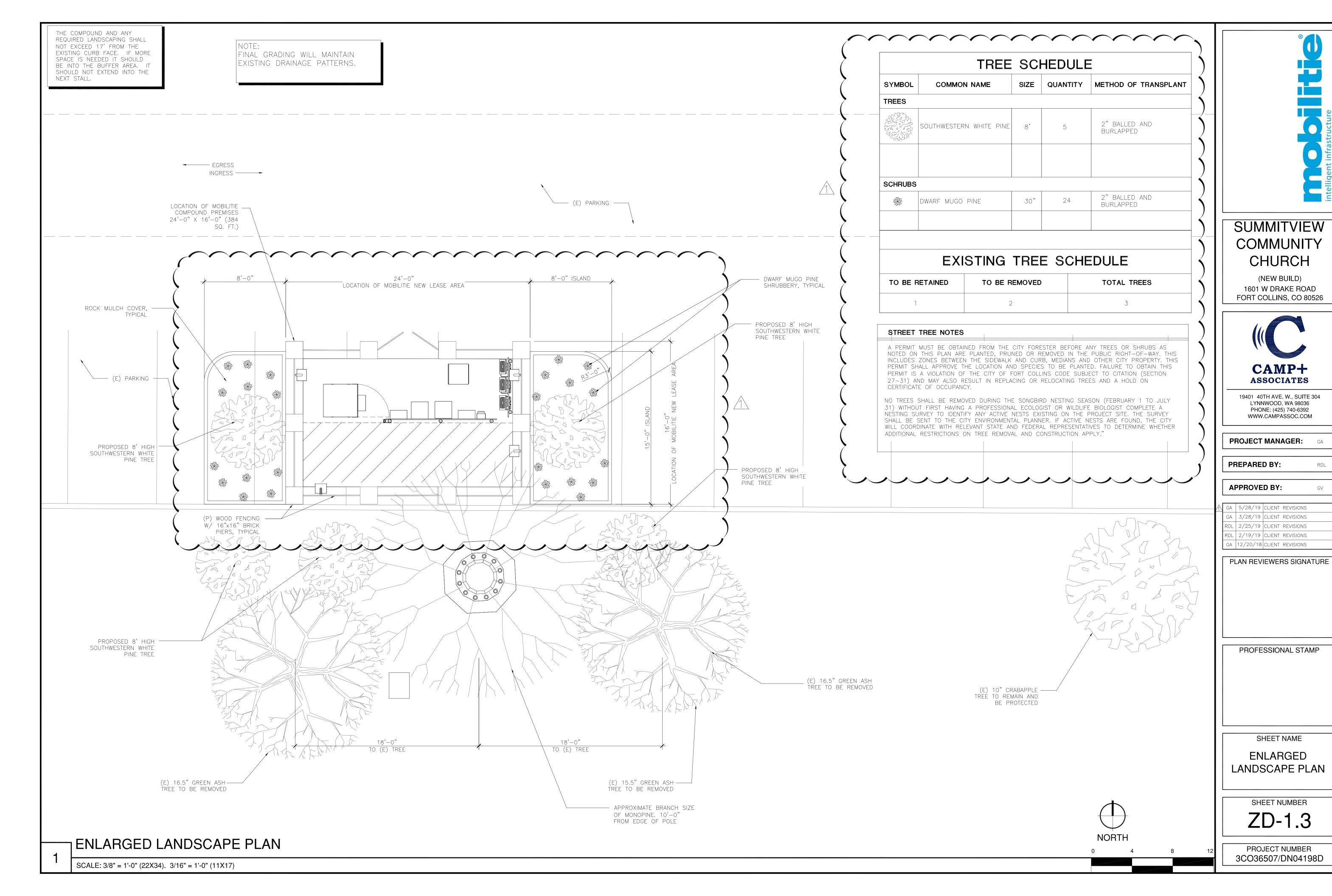
PHOTO SIMULATIONS

SCALE: NOT TO SCALE









RDL

B. Required Street Tree Note, from City Forester (if applicable):

This note to be placed prominently on all landscape site plan sheets with a bold box around the text for emphasis:

A PERMIT MUST BE OBTAINED FROM THE CITY FORESTER BEFORE ANY TREES OR SHRUBS AS NOTED ON THIS PLAN ARE PLANTED, PRUNED OR REMOVED IN THE PUBLIC RIGHT-OF-WAY. THIS INCLUDES ZONES BETWEEN THE SIDEWALK AND CURB, MEDIANS AND OTHER CITY PROPERTY. THIS PERMIT SHALL APPROVE THE LOCATION AND SPECIES TO BE PLANTED. FAILURE TO OBTAIN THIS PERMIT IS A VIOLATION OF THE CITY OF FORT COLLINS CODE SUBJECT TO CITATION (SECTION 27-31) AND MAY ALSO RESULT IN REPLACING OR RELOCATING TREES AND A HOLD ON CERTIFICATE OF OCCUPANCY.

C. Street Tree Notes Required (from City Forester). Include the heading "Street Tree notes":

STREET TREE NOTES:

- 1. A PERMIT MUST BE OBTAINED FROM THE CITY FORESTER BEFORE ANY TREES OR SHRUBS AS NOTED ON THIS PLAN ARE PLANTED, PRUNED OR REMOVED IN THE PUBLIC RIGHT-OF-WAY. THIS INCLUDES ZONES BETWEEN THE SIDEWALK AND CURB, MEDIANS AND OTHER CITY PROPERTY. THIS PERMIT SHALL APPROVE THE LOCATION AND SPECIES TO BE PLANTED. FAILURE TO OBTAIN THIS PERMIT IS A VIOLATION OF THE CITY OF FORT COLLINS CODE SUBJECT TO CITATION (SECTION 27-31) AND MAY ALSO RESULT IN REPLACING OR RELOCATING TREES AND A HOLD ON CERTIFICATE OF OCCUPANCY.
- 2. CONTACT THE CITY FORESTER TO INSPECT ALL STREET TREE PLANTINGS AT THE COMPLETION OF EACH PHASE OF THE DEVELOPMENT. ALL MUST BE INSTALLED AS SHOWN ON THE LANDSCAPE PLAN. APPROVAL OF STREET TREE PLANTING IS REQUIRED BEFORE FINAL APPROVAL OF EACH PHASE.
- 3. STREET LANDSCAPING, INCLUDING STREET TREES, SHALL BE SELECTED IN ACCORDANCE WITH ALL CITY CODES AND POLICIES. ALL TREE PRUNING AND REMOVAL WORKS SHALL BE PERFORMED BY A CITY OF FORT COLLINS LICENSED ARBORS WHERE REQUIRED BY CODE.STREET TREES SHALL BE SUPPLIED AND PLANTED BY THE DEVELOPER USING A QUALIFIED LANDSCAPE CONTRACTOR.
- 4. THE DEVELOPER SHALL REPLACE DEAD OR DYING STREET TREES AFTER PLANTING UNTIL FINAL MAINTENANCE INSPECTION AND ACCEPTANCE BY THE CITY OF FORT COLLINS FORESTRY DIVISION. ALL STREET TREES IN THE PROJECT MUST BE ESTABLISHED, WITH AN APPROVED SPECIES AND OF ACCEPTABLE CONDITION PRIOR TO ACCEPTANCE.
- 5. SUBJECT TO APPROVAL BY THE CITY FORESTER -- STREET TREE LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE DRIVEWAY LOCATIONS, UTILITY SEPARATIONS BETWEEN TREES, STREET SIGNS AND STREET LIGHTS. STREET TREES TO BE CENTERED IN THE MIDDLE OF THE LOT TO THE EXTENT FEASIBLE. QUANTITIES SHOWN ON PLAN MUST BE INSTALLED UNLESS A REDUCTION IS APPROVED BY THE CITY TO MEET SEPARATION STANDARDS.

D. Tree protection notes, if applicable. Include the heading "tree protection notes":

TREE PROTECTION NOTES:

- 1. ALL EXISTING TREES WITHIN THE LIMITS OF THE DEVELOPMENT AND WITHIN ANY NATURAL AREA BUFFER ZONES SHALL REMAIN AND BE PROTECTED UNLESS NOTED ON THESE PLANS FOR REMOVAL.
- 2. WITHIN THE DRIP LINE OF ANY PROTECTED EXISTING TREE, THERE SHALL BE NO CUT OR FILL OVER A FOUR-INCH DEPTH UNLESS A QUALIFIED ARBORIST OR FORESTER HAS EVALUATED AND APPROVED THE DISTURBANCE
- 3. ALL PROTECTED EXISTING TREES SHALL BE PRUNED TO THE CITY OF FORT COLLINS FORESTRY STANDARDS. TREE PRUNING AND REMOVAL SHALL BE PERFORMED BY A BUSINESS THAT HOLDS A CURRENT CITY OF FORT COLLINS ARBORIST LICENSE WHERE REQUIRED BY CODE.
- 4. PRIOR TO AND DURING CONSTRUCTION, BARRIERS SHALL BE ERECTED AROUND ALL PROTECTED EXISTING TREES WITH SUCH BARRIERS TO BE OF ORANGE FENCING A MINIMUM OF FOUR (4) FEET IN HEIGHT, SECURED WITH METAL T-POSTS, NO CLOSER THAN SIX (6) FEET FROM THE TRUNK OR ONE-HALF (1/2) OF THE DRIP LINE, WHICHEVER IS GREATER. THERE SHALL BE NO STORAGE OR MOVEMENT OF EQUIPMENT, MATERIAL, DEBRIS OR FILL WITHIN THE FENCED TREE PROTECTION ZONE.
- 5. DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE APPLICANT SHALL PREVENT THE CLEANING OF EQUIPMENT OR MATERIAL OR THE STORAGE AND DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OILS, SOLVENTS, ASPHALT, CONCRETE, MOTOR OIL OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF A TREE WITHIN THE DRIP LINE OF ANY PROTECTED TREE OR GROUP OF TREES.
- 6. NO DAMAGING ATTACHMENT, WIRES, SIGNS OR PERMITS MAY BE FASTENED TO ANY PROTECTED TREE.
- 7. LARGE PROPERTY AREAS CONTAINING PROTECTED TREES AND SEPARATED FROM CONSTRUCTION OR LAND CLEARING AREAS, ROAD RIGHTS-OF-WAY AND UTILITY EASEMENTS MAY BE "RIBBONED OFF," RATHER THAN ERECTING PROTECTIVE FENCING AROUND EACH TREE AS REQUIRED IN SUBSECTION (G)(3)

- Revised April 5, 2018: 1. Additions made to Landscape Irrigation note 2.
- 2. Site plan noted 14 edited to reference the property owner, and not a homeowner's association. 3. Site plan note 15 added regarding maintenance of landscaping in right-of-ways.

8. THE INSTALLATION OF UTILITIES, IRRIGATION LINES OR ANY UNDERGROUND FIXTURE REQUIRING EXCAVATION DEEPER THAN SIX (6) INCHES SHALL BE ACCOMPLISHED BY BORING UNDER THE ROOT SYSTEM OF PROTECTED EXISTING TREES AT A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES. THE

ABOVE. THIS MAY BE ACCOMPLISHED BY PLACING METAL T-POST STAKES A

MAXIMUM OF FIFTY (50) FEET APART AND TYING RIBBON OR ROPE FROM STAKE-

TO-STAKE ALONG THE OUTSIDE PERIMETERS OF SUCH AREAS BEING CLEARED.

AUGER DISTANCE IS ESTABLISHED FROM THE FACE OF THE TREE (OUTER BARK) AND IS SCALED FROM TREE DIAMETER AT BREAST HEIGHT AS DESCRIBED IN THE CHART BELOW:

Tree Diameter at Breast Height (inches) Auger Distance From Face of Tree (feet)

3-4 2 5-9 5

10-14 10

15-19 12 Over 19

9. ALL TREE REMOVAL SHOWN SHALL BE COMPLETED OUTSIDE OF THE SONGBIRD NESTING SEASON (FEB 1 - JULY 31) OR CONDUCT A SURVEY OF TREES ENSURING NO ACTIVE NESTS IN THE AREA.

E. General landscape notes. Include the heading "General Landscape Notes":

GENERAL LANDSCAPE NOTES:

- 1. PLANT QUALITY: ALL PLANT MATERIAL SHALL BE A-GRADE OR NO. 1 GRADE -FREE OF ANY DEFECTS, OF NORMAL HEALTH, HEIGHT, LEAF DENSITY AND SPREAD APPROPRIATE TO THE SPECIES AS DEFINED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) STANDARDS. ALL TREES SHALL BE BALL AND BURLAP OR EQUIVALENT.
- 2. IRRIGATION: ALL LANDSCAPE AREAS WITHIN THE SITE INCLUDING TURF, SHRUB BEDS AND TREE AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM. THE IRRIGATION PLAN MUST BE REVIEWED AND APPROVED BY THE CITY OF FORT COLLINS WATER UTILITIES DEPARTMENT PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. ALL TURF AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC POP-UP IRRIGATION SYSTEM. ALL SHRUB BEDS AND TREES, INCLUDING IN NATIVE SEED AREAS, SHALL BE IRRIGATED WITH AN AUTOMATIC DRIP (TRICKLE) IRRIGATION SYSTEM, OR WITH AN ACCEPTABLE ALTERNATIVE APPROVED BY THE CITY WITH THE IRRIGATION PLANS. THE IRRIGATION SYSTEM SHALL BE ADJUSTED TO MEET THE WATER REQUIREMENTS OF THE INDIVIDUAL PLANT MATERIAL. IRRIGATION SYSTEMS TO BE TURNED OVER TO THE CITY PARKS DEPARTMENT FOR MAINTENANCE MUST BE APPROVED BY THE PARKS MANAGER AND MEET PARKS IRRIGATION STANDARDS. DESIGN REVIEW SHALL OCCUR DURING UTILITIES DEPARTMENT IRRIGATION REVIEW PRIOR TO THE ISSUANCE OF A BUILDING PERMIT AND CONSTRUCTION OBSERVATION AND INSPECTION BY PARKS SHALL BE INCORPORATED INTO THE CONSTRUCTION PROCESS.
- 3. TOPSOIL: TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.
- 4. SOIL AMENDMENTS: SOIL AMENDMENTS SHALL BE PROVIDED AND DOCUMENTED IN ACCORDANCE WITH CITY CODE SECTION 12-132. THE SOIL IN ALL LANDSCAPE AREAS, INCLUDING PARKWAYS AND MEDIANS, SHALL BE THOUGHLY LOOSENED TO A DEPTH OF NOT LESS THAN EIGHT(8) INCHES AND SOIL AMENDMENT SHALL BE THOROUGHLY INCORPORATED INTO THE SOIL OF ALL LANDSCAPE AREAS TO A DEPTH OF AT LEAST SIX(6) INCHES BY TILLING, DISCING OR OTHER SUITABLE METHOD, AT A RATE OF AT LEAST THREE (3) CUBIC YARDS OF SOIL AMENDMENT PER ONE THOUSAND (1,000) SQUARE FEET OF LANDSCAPE AREA. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, A WRITTEN CERTIFICATION MUST BE SUBMITTED TO THE CITY THAT ALL PLANTED AREAS, OR AREAS TO BE PLANTED, HAVE BEEN THOROUGHLY LOOSENED AND THE SOIL AMENDED. CONSISTENT WITH THE REQUIREMENTS SET FORTH IN SECTION 12-132.
- 5. INSTALLATION AND GUARANTEE: ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND HORTICULTURAL PRACTICES IN A MANNER DESIGNED TO ENCOURAGE QUICK ESTABLISHMENT AND HEALTHY GROWTH. ALL LANDSCAPING FOR EACH PHASE MUST BE EITHER INSTALLED OR THE INSTALLATION MUST BE SECURED WITH AN IRREVOCABLE LETTER OF CREDIT, PERFORMANCE BOND, OR ESCROW ACCOUNT FOR 125% OF THE VALUATION OF THE MATERIALS AND LABOR PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY BUILDING IN SUCH PHASE.
- 6. MAINTENANCE: TREES AND VEGETATION, IRRIGATION SYSTEMS, FENCES, WALLS AND OTHER LANDSCAPE ELEMENTS WITH THESE FINAL PLANS SHALL BE CONSIDERED AS ELEMENTS OF THE PROJECT IN THE SAME MANNER AS PARKING, BUILDING MATERIALS AND OTHER SITE DETAILS. THE APPLICANT LANDOWNER OR SUCCESSORS IN INTEREST SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE REGULAR MAINTENANCE OF ALL LANDSCAPING ELEMENTS IN GOOD CONDITION. ALL LANDSCAPING SHALL BE MAINTAINED FREE FROM DISEASE, PESTS, WEEDS AND LITTER, AND ALL LANDSCAPE STRUCTURES SUCH AS FENCES AND WALLS SHALL BE REPAIRED AND REPLACED PERIODICALLY TO MAINTAIN A STRUCTURALLY SOUND CONDITION.
- 7. REPLACEMENT: ANY LANDSCAPE ELEMENT THAT DIES, OR IS OTHERWISE REMOVED, SHALL BE PROMPTLY REPLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS.
- 8. THE FOLLOWING SEPARATIONS SHALL BE PROVIDED BETWEEN TREES/SHRUBS AND UTILITIES:

40 FEET BETWEEN CANOPY TREES AND STREET LIGHTS 15 FEET BETWEEN ORNAMENTAL TREES AND STREETLIGHTS 10 FEET BETWEEN TREES AND PUBLIC WATER, SANITARY AND STORM SEWER MAIN LINES 6 FEET BETWEEN TREES AND PUBLIC WATER, SANITARY AND STORM SEWER

SERVICE LINES. 4 FEET BETWEEN SHRUBS AND PUBLIC WATER AND SANITARY AND STORM

SEWER LINES

4 FEET BETWEEN TREES AND GAS LINES

9. ALL STREET TREES SHALL BE PLACED A MINIMUM EIGHT (8) FEET AWAY FROM THE EDGES OF DRIVEWAYS AND ALLEYS PER LUC 3.2.1(D)(2)(a).

- 10. PLACEMENT OF ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE SIGHT DISTANCE CRITERIA AS SPECIFIED BY THE CITY OF FORT COLLINS. NO STRUCTURES OR LANDSCAPE ELEMENTS GREATER THAN 24" SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLE OR EASEMENTS WITH THE EXCEPTION OF DECIDUOUS TREES PROVIDED THAT THE LOWEST BRANCH IS AT LEAST 6' FROM GRADE. ANY FENCES WITHIN THE SIGHT DISTANCE TRIANGLE OR EASEMENT MUST BE NOT MORE THAN 42" IN HEIGHT AND OF AN OPEN DESIGN.
- 11. THE FINAL LANDSCAPE PLAN SHALL BE COORDINATED WITH ALL OTHER FINAL PLAN ELEMENTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE, AND OTHER DEVELOPMENT IMPROVEMENTS DO NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS ON THIS PLAN.
- 12. MINOR CHANGES IN SPECIES AND PLANT LOCATIONS MAY BE MADE DURING CONSTRUCTION -- AS REQUIRED BY SITE CONDITIONS OR PLANT AVAILABILITY. OVERALL QUANTITY, QUALITY, AND DESIGN CONCEPT MUST BE CONSISTENT WITH THE APPROVED PLANS. IN THE EVENT OF CONFLICT WITH THE QUANTITIES INCLUDED IN THE PLANT LIST, SPECIES AND QUANTITIES ILLUSTRATED SHALL BE PROVIDED. ALL CHANGES OF PLANT SPECIES AND LOCATION MUST HAVE WRITTEN APPROVAL BY THE CITY PRIOR TO INSTALLATION.
- 13. ALL PLANTING BEDS SHALL BE MULCHED TO A MINIMUM DEPTH OF THREE



SUMMITVIEW COMMUNITY **CHURCH**

(NEW BUILD) 1601 W DRAKE ROAD FORT COLLINS, CO 80526



19401 40TH AVE. W., SUITE 304 LYNNWOOD, WA 98036 PHONE: (425) 740-6392 WWW.CAMPASSOC.COM

RDL

PROJECT MANAGER:

PREPARED BY:

APPROVED BY:

GA | 5/28/19 | CLIENT REVISIONS | GA 3/28/19 CLIENT REVISIONS RDL | 2/25/19 | CLIENT REVISIONS RDL 2/19/19 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE

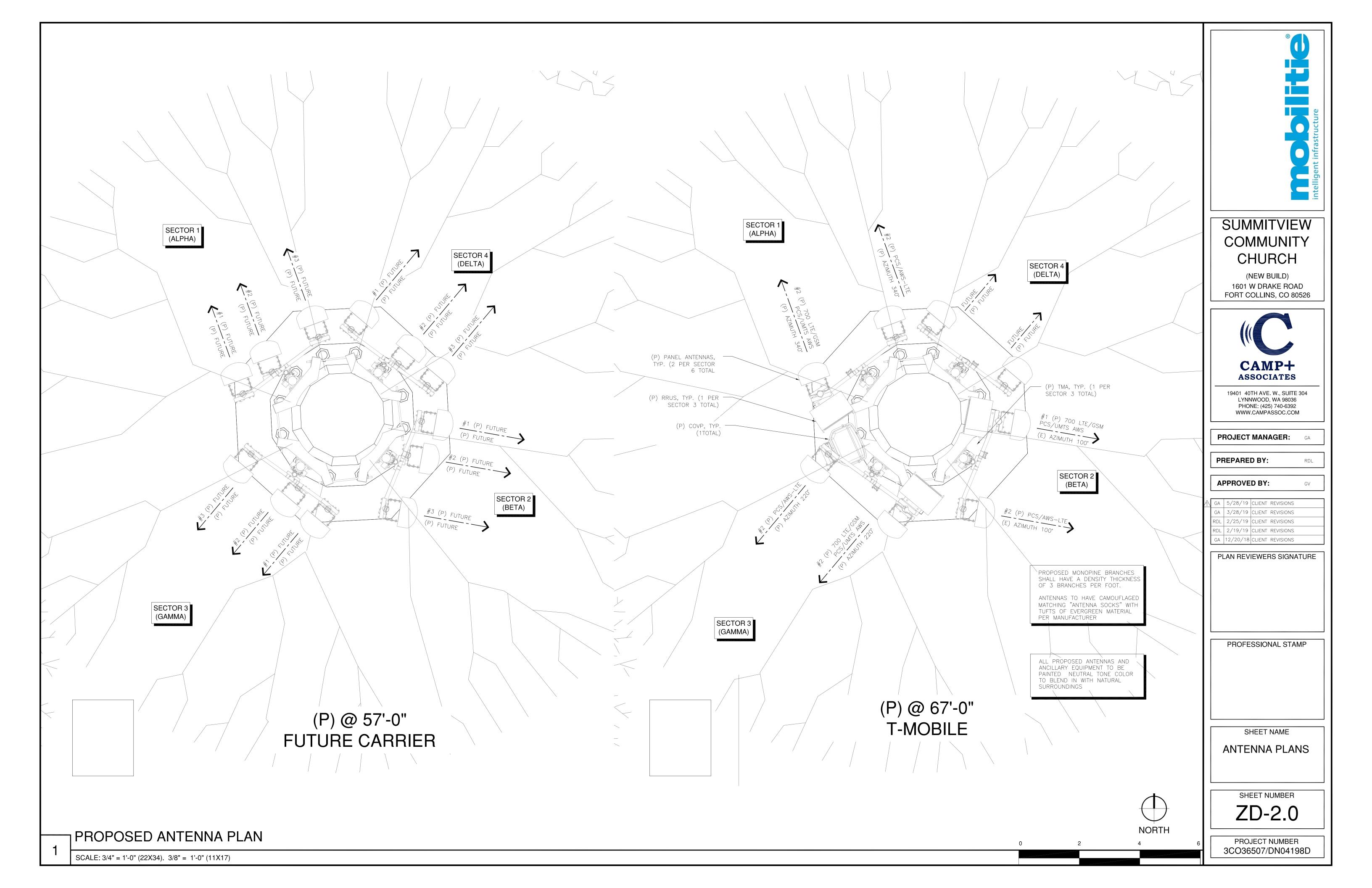
GA 12/20/18 CLIENT REVISIONS

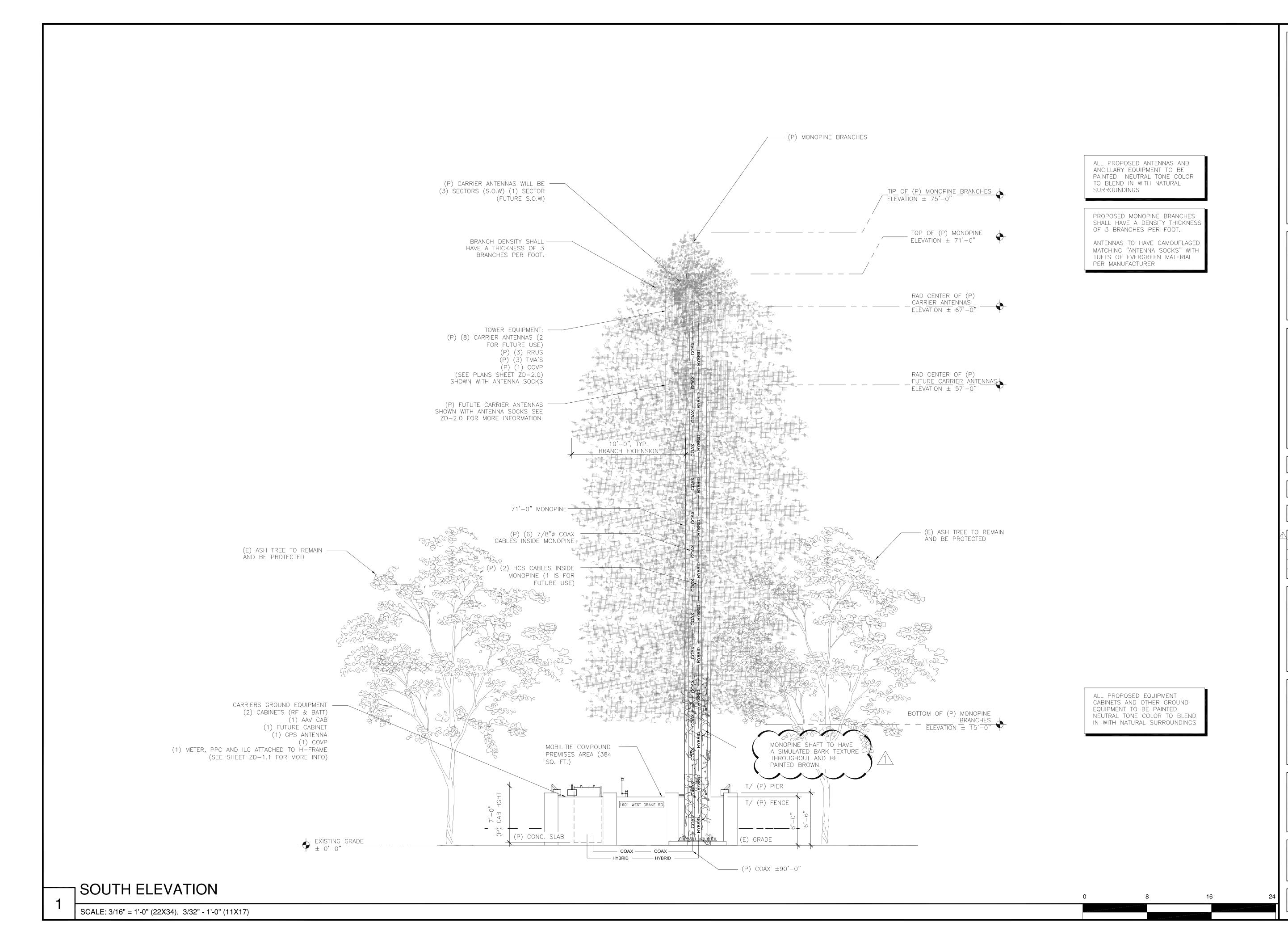
PROFESSIONAL STAMP

SHEET NAME

LANDSCAPE NOTES

SHEET NUMBER ZD-1.4





intelligent infrastructure

SUMMITVIEW COMMUNITY CHURCH

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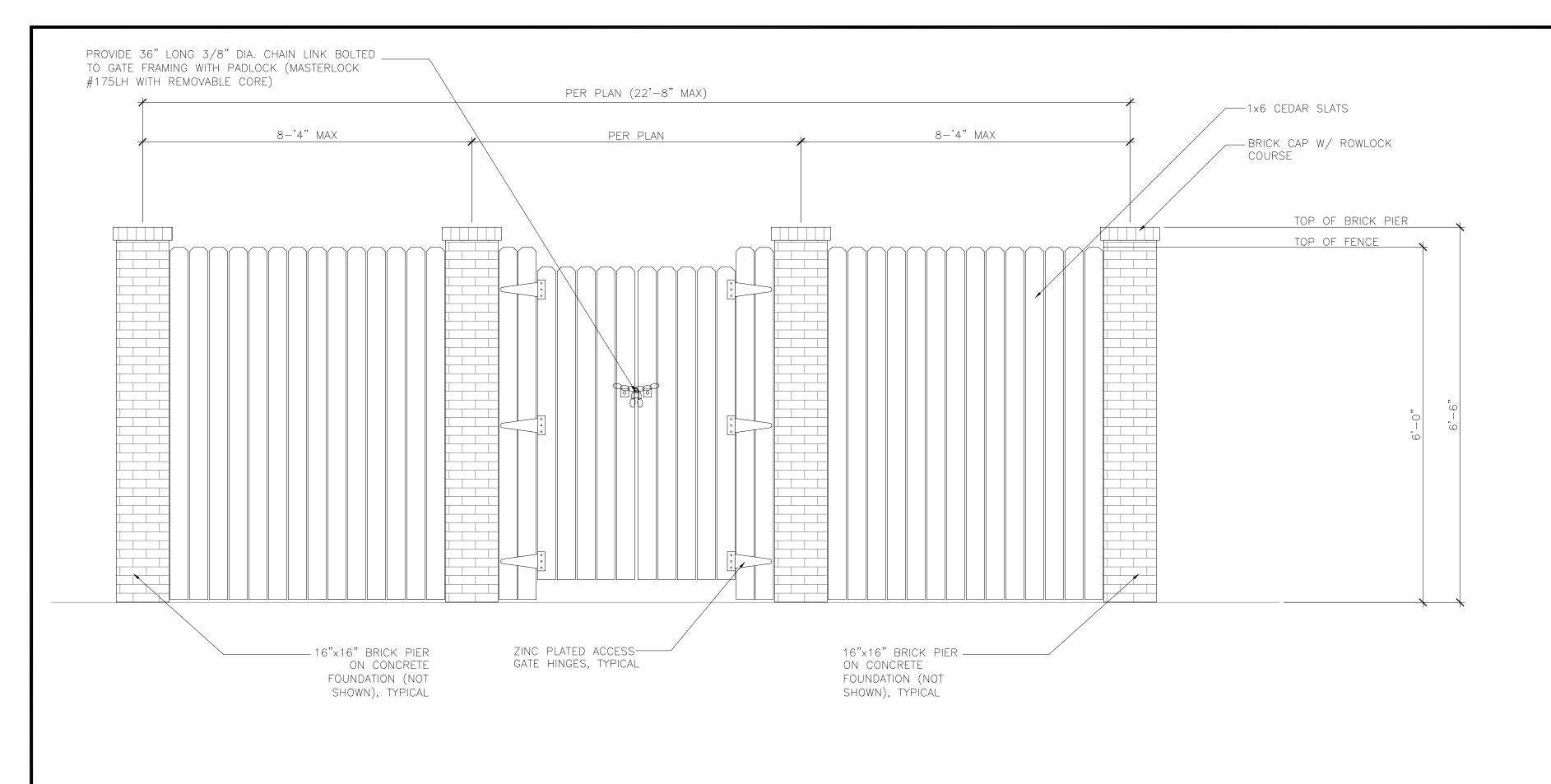
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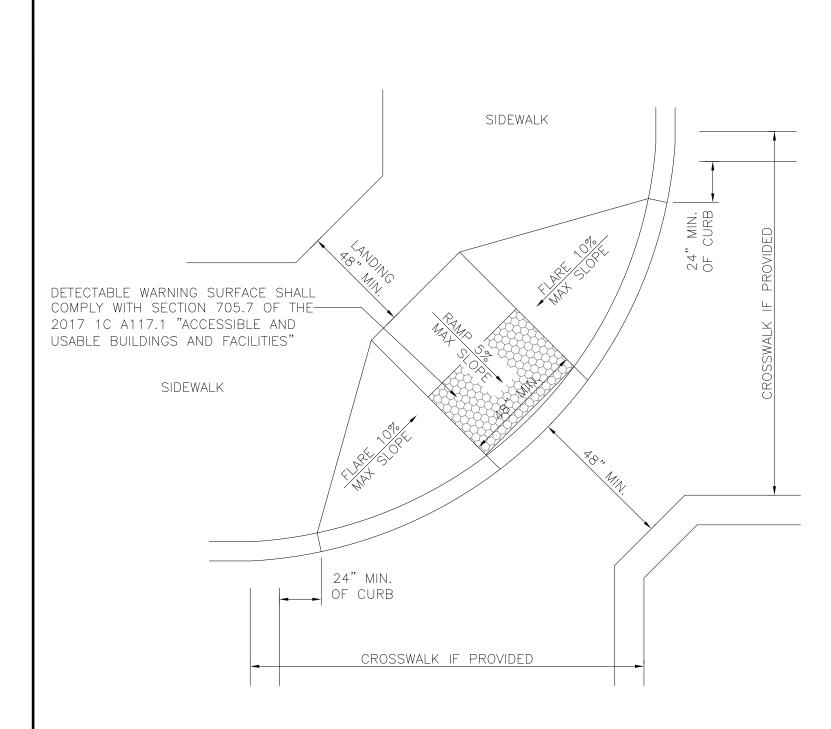
PROFESSIONAL STAMP

SHEET NAME
SOUTH ELEVATION

SHEET NUMBER

ZD-3.0





TYPICAL HANDICAP CURB DET. AT CORNER

NOT TO SCALE

SUMMITVIEW COMMUNITY CHURCH

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PLAN REVIEWERS SIGNATURE

GA 12/20/18 CLIENT REVISIONS

PROFESSIONAL STAMP

NORTH FACE FENCE **ELEVATION**

SHEET NAME

SHEET NUMBER

ZD-3.1

PROJECT NUMBER 3CO36507/DN04198D

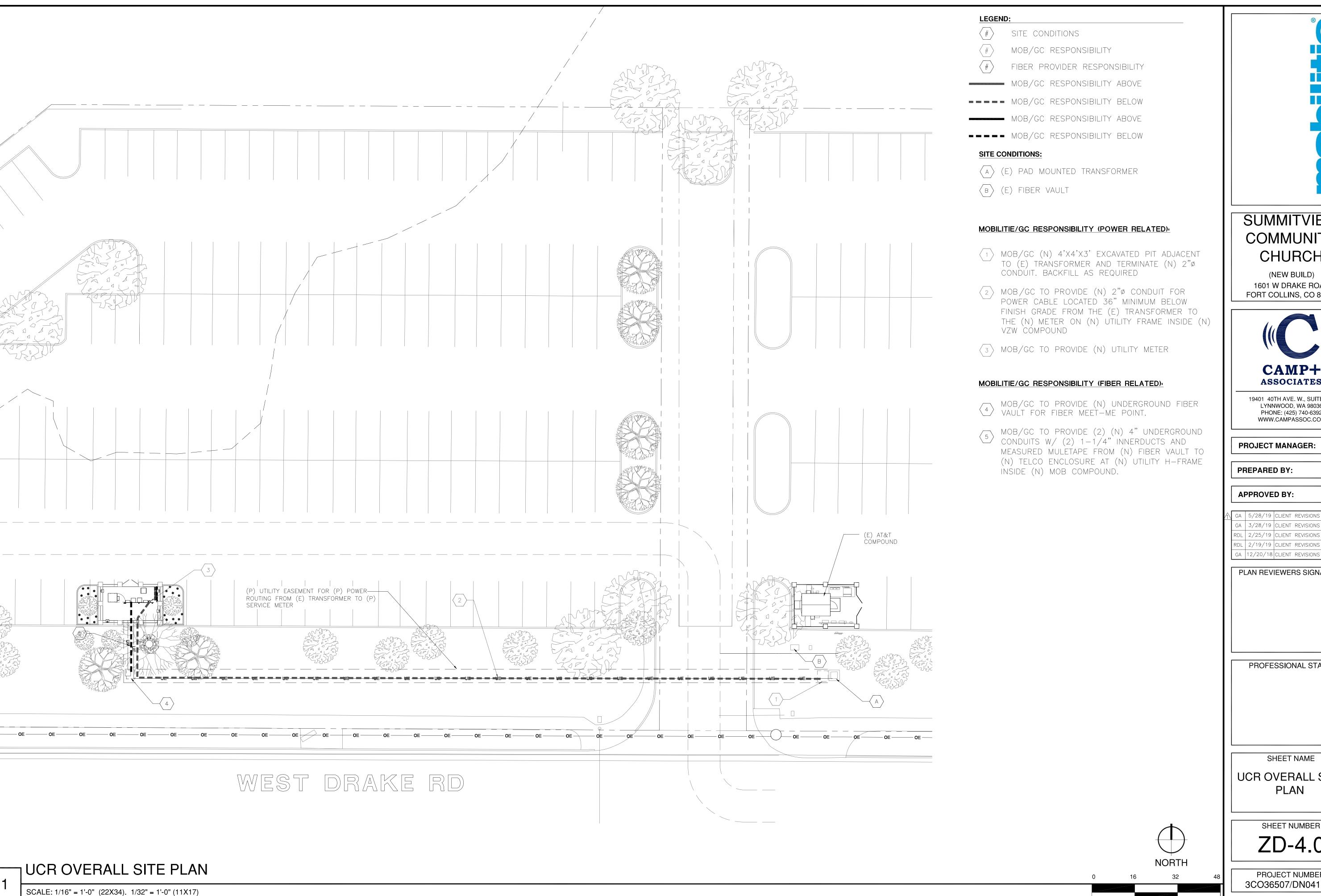
NORTH FACE ELEVATION DETAIL

NOT TO SCALE

NOT TO SCALE

NEW — NEW SIDEWALK SIDEWALK FLUSH — TRANSITION – FLUSH TRANSITION 48" MIN. LANDING EXISTING CONFORMING SIDEWALK EXISTING CONFORMING SIDEWALK _ FLARE 10% MAX SLOPE FLARE 10% — MAX SLOPE - DETECTABLE WARNING SURFACE SHALL COMPLY WITH SECTION 705.7 OF THE 2017 1C A117.1 "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES"

TYPICAL HANDICAP CURB DETAIL



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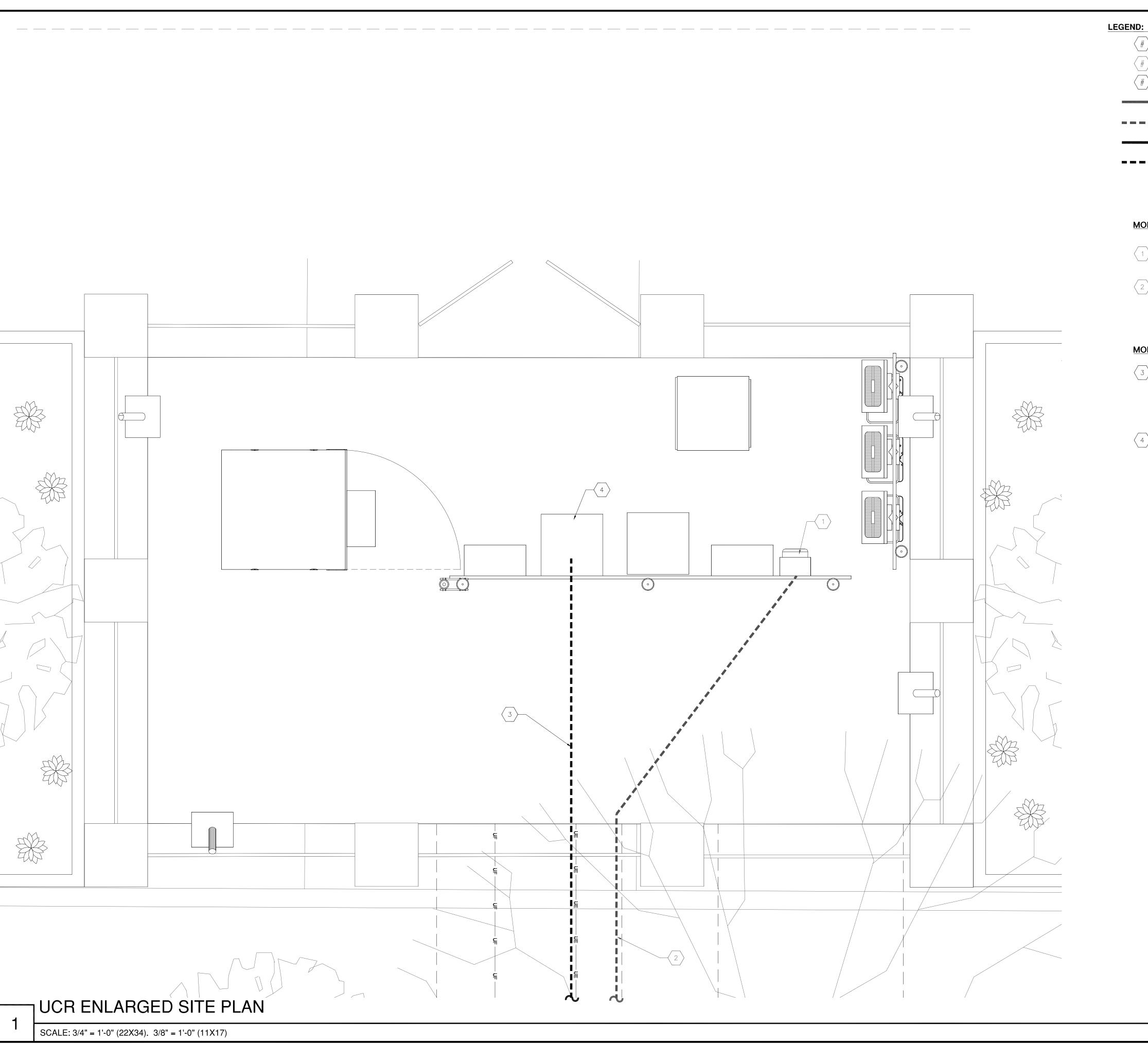
PROFESSIONAL STAMP

SHEET NAME

UCR OVERALL SITE PLAN

SHEET NUMBER

ZD-4.0



SITE CONDITIONS

MOB/GC RESPONSIBILITY

FIBER PROVIDER RESPONSIBILITY

MOB/GC RESPONSIBILITY ABOVE

---- MOB/GC RESPONSIBILITY BELOW

FIBER PROVIDER RESPONSIBILITY ABOVE

---- FIBER PROVIDER RESPONSIBILITY BELOW

MOBILITIE/GC RESPONSIBILITY (POWER RELATED):

- 1) MOB/GC TO PROVIDE (N) UTILITY METER (COORDINATED WITH POWER UTILITY COMPANY)
- (2) MOB/GC TO PROVIDE (N) 2"Ø CONDUIT FOR POWER CABLE LOCATED 36" MINIMUM BELOW FINISH GRADE FROM THE (E) TRANSFORMER TO THE (N) UTILITY METER.

MOBILITIE/GC RESPONSIBILITY (FIBER RELATED):

- MOB/GC TO PROVIDE (2) (N) 4" UNDERGROUND CONDUITS W/ (2) 1-1/4" INNERDUCTS AND MEASURED MULETAPE FROM (N) FIBER VAULT TO (N) TELCO ENCLOSURE AT (N) UTILITY H-FRAME INSIDE (N) VZW COMPOUND.
- 4 MOB/GC TO PROVIDE LC/UPC FIBER DEMARCATION PANEL EQUIPPED WITH SPLICE TRAY AND PRE-CONNECTORIZED CABLE WITH FIBER TAILS.



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GA 12/20/18 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE

PROFESSIONAL STAMP

SHEET NAME

UCR ENLARGED SITE PLAN

SHEET NUMBER

ZD-4.1

NORTH

208 / 120 VOLT, 1 PHASE, 3 WIRE

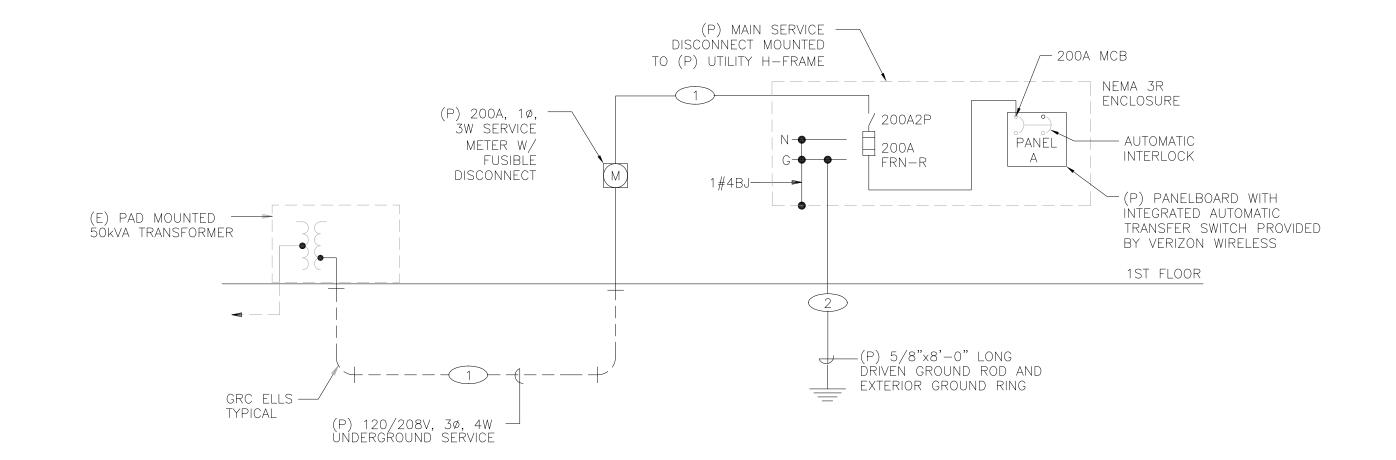
225 A. BUS 200 A. MAIN CIRCUIT BREAKER

10000 AMPERE PANEL SHORT CIRCUIT RATING

PANEL TYPE: SQUARE D PANEL MOUNTING: SURFACE

NOTE: PROVIDE WITH INTERNAL TVSS

DESCRIPTION	TOTAL	BREAKER	CCT PH	CCT	BREAKER	TOTAL	DESCRIPTION
	(VA)	A / P			A / P	(VA)	
BATTERY HTR	100	20 / 1	1 A	2	40 /	2400	RECTIFIER 1 & 2
BATTERY HTR	100	20 / 1	3 B	4	/ 2	2400	
RECEPT	180	20 / 1	5 A	6	40 /	2400	RECTIFIER 3 & 4
EXHAUST FAN	160	20 / 1	7 B	8	/ 2	2400	
SPARE		20 / 1	9 A	10	60 /		SURGE ARRESTOR
SPARE		20 / 1	11 B	12	/ 2		
SPACE		/	13 A	14	/		SPACE
SPACE		/	15 B	16	/		SPACE
SPACE		/	17 A	18	/		SPACE
SPACE		/	19 B	20	/		SPACE
		PANEL	LOADING	<u> </u>	SUMMARY		
LOAD TYPE	CONNEC	TED	POWER		LOAD	NEC CA	ALCULATED
	LOAD		FACTOR K	<va< td=""><td>FACTOR</td><td>LOAD</td><td></td></va<>	FACTOR	LOAD	
LIGHTING							
INCANDESCENT	0.0	KW @	100% =		<pre>@ 100^% =</pre>	0.0	KVA
FLUORESCENT	0.0	KW @	95% =	0.0	<pre>@ 100^% =</pre>	0.0	KVA
RECEPTACLES							
FIRST 10 KW	0.2		100% =		<pre>@ 100^% =</pre>		
REMAINDER	0.0	KW @	100% =	0.0	@ 50% =	0.0	KVA
MOTORS LARGEST	0.1	KW @	80% =	0.2	@ 125 [^] %=	0.2	KVA
REMAINDER	0.0	KW @	80% =		@ 123 % = @ 100^% =		KVA
NEWAINDEN	0.0	KW @	00% —	0.0	@ 100 % _	0.0	NVA
OTHER	9.8	KW @	100% =	9.8	@ 100^%=	9.8	KVA
			_				
TOTAL	10.1	KW		10.1		10.2	
DILACE "A"	F 1	12141	MINIMUM PANEL	L AMPA			AMPERES
PHASE "A"	5.1	KW	PANEL		A-B	99%	PHASE
PHASE "B"	5.0	KW	POWER FACTOR	100%			BALANCE



UCR ONE-LINE DIAGRAM E-1 NOT TO SCALE

UCR ONE LINE DIAGRAM

SCALE: NOT TO SCALE

FEEDER SCHEDULE

ALL CONDUCTORS SHALL BE COPPER

COPPER 600V. RATED WITH THHN INSULATION

1 (1 #2) 3"C

2 1 #4CU - 3/4"C.

INSTALLATION OF SECONDARY POWER AND CONNECTION TO METER SHALL BE COMPLETED IN COMPLIANCE WITH NATIONAL ELECTRIC CODE, NFPA 70, THE CITY OF DENVER, AND THE STATE OF COLORADO LAWS, RULES AND REGULATIONS FOR INSTALLING ELECTRIC WIRES & EQUIPMENT, ALL LATEST ISSUE, AND WITH SPECIFICATIONS PER A.S.T.M. B 231, B 400, I.C.E.A. S651-401, I.C.E.A. P81-570, & LOCAL PUD.

- PROVIDE A METER BASE PER LOCAL UTILITY STANDARDS. MOUNT ON SIDE OF OWNER FURNISHED BACK BOARD.
- UNDERGROUND CONDUIT SHALL BE RIGID POLYVINYL CHLORIDE CONDUIT: SCHEDULE 40, TYPE 1, CONFORMING TO UL ARTICLE 651: WESTERN PLASTICS OR CARLON MANUFACTURER. COUPLINGS SHALL BE SLIP-ON, SOLVENT SEALED T PIPE: SOLVENT, WESTERN TYPE COMPATIBLE WITH PVC DUCT. ALL BENDS SHALL BE "WIDE SWEEP" TYPE WITH A 24" MINIMUM RADIUS. ALL CONDUIT UNDER ROADS SHALL BE RGS, (OR PVC ENCASED IN 8"x18" RED CONCRETE DUCTBANK).
- CONDUIT USED INDOORS SHALL BE E.M.T., AND RIGID GALVANIZED STEEL FOR OUTDOORS. COUPLINGS SHALL BE RIGID STEEL AND COMPRESSION TYPE FOR E.M.T. SET SCREW FITTINGS ARE NOT PERMITTED. FOR ALL STUBS-UPS, USE RIGID GALVANIZED STEEL CONDUIT.
- WIRE AND CABLE SHALL BE OF THE TYPE AND SIZE AS REQUIRED BY NEC. THERE WILL BE NO SPLICES ALLOWED. PROVIDE HDPE PULLING HAND HOLES AS NEEDED.
- CONTRACTOR SHALL PROVIDE TEST OF THE GROUNDING SYSTEM BY CERTIFIED TESTING AGENT. PROVIDE INDEPENDENT TEST RESULTS TO THE PROJECT MANAGER FOR REVIEW. GROUNDING SYSTEM RESISTANCE TO GROUND SHALL NOT EXCEED 5 OHMS. ALL ABOVE GRADE INTERIOR GROUNDING CONNECTORS SHALL BE DOUBLE-LUG COMPRESSION TYPE. ALL BELOW GRADE AND EXPOSED EXTERIOR GROUNDING CONNECTIONS TO PERMANENT EQUIPMENT AND FIXED BUILDING ELEMENTS SHALL BE CADWELD TYPE. CARE SHALL BE TAKEN TO REVIEW CONNECTION LOCATIONS AND MATERIAL TYPES TO AVOID POSSIBLE GALVANIC CORROSION. ALL EXPOSED GROUNDING CONNECTIONS TO BE COATED WITH ANTI-CORROSIVE AGENT SUCH AS "NO-OXY", "NOAOLX" OR "PENETROX". VERIFY PRODUCT WITH PROJECT MANAGER. ALL BOLTS, WASHERS AND NUTS USED ON GROUNDING CONNECTIONS SHALL BE STAINLESS STEEL.
- ALL EXTERIOR GROUND BARS SHALL BE COATED WITH ANTI-CORROSIVE AGENT SUCH AS LPS-3 OR AS PER NOTE 6 ABOVE.
- 8. ALL JUNCTION AND OUTLET BOXES TO BE LABELED WITH KROY TAPE, OR EQUAL, DESIGNATING ALL CIRCUIT NUMBERS CONTAINED IN EACH BOX.
- 9. CONTRACTOR TO ENSURE ILC PROVIDED WITH (2) INTERNAL TVSS.
- 10. CONTRACTOR SHALL COORDINATE WITH SITE SURVEY TO LOCATE EXISTING UNDERGROUND UTILITIES. WHEREVER POTENTIAL CONFLICTS/ INTERFERENCES EXIST, HAND EXCAVATE TO AVOID DAMAGE. CONTACT ALL UTILITIES TO LOCATE UNDERGROUND PIPING IN PUBLIC
- 11. VERIFY THAT A.I.C. OF THE UTILITY DOES NOT EXCEED THE A.I.C. RATING OF THE PROVIDED EQUIPMENT SHELTER PACKAGE. IF OVER 10KAIC, PROVIDE FUSIBLE SERVICE ENTRANCE SWITCH AND CONFIRM LOWERING OF AIC TO ACCEPTABLE LEVELS.
- 12. UTILITY POINTS OF SERVICE AND WORK / MATERIALS SHOWN ARE BASED UPON PRELIMINARY INFORMATION PROVIDED BY THE UTILITY COMPANIES AND ARE FOR BID PURPOSES ONLY.
- 13. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK / MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY COMPANY ENGINEERING PLANS AND SPECIFICATIONS ONLY. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL ROPES, CABLES, PULL BOXES, CONCRETE ENCASEMENT OF CONDUIT (IF REQUIRED), TRANSFORMER PAD, BARRIERS, POLE RISERS, TRENCHING, BACKFILL, PAY ALL UTILITY COMPANY FEES AND INCLUDE ALL REQUIREMENTS IN SCOPE OF WORK.

GENERAL NOTES

NOT TO SCALE

ABBREVIATIONS

A	AMPERES	KVA	KILOWATT
AWG	AMERICAN WIRE GAUGE	MGB	MASTER GROUND BAR
BCW	BARE COPPER WIRE	MCB	MAIN CIRCUIT BREAKER
CGB	COLLECTION GROUND BAR	PCS	PERSONAL COMMUNICATION SYS
С	CIRCUIT	Р	POLE
CU	COPPER	PUD	PUBLIC UTILTIES DISTRICT
DWG	DRAWING	RGS	RIGID GALVANIZED STEEL
EMT	ELECTRICAL METALLIC TUBING	RWY	RACEWAY
GEN	GENERATOR	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	V	VOLTS
IGR	INTERIOR GROUND RING (HALO)	VA	VOLT AMPS
IMC	INTERMEDIATE METALLIC CONDÚIT	W	WIRE

UNDERGROUND RACEWAY

FUSED DISCONNECT TRANSFORMER \bigcap

KEY GROUND

PANELBOARD

METER

L____ ENCLOSURE

TELEPHONE SERVICE WEATHERHEAD

EQUIPMENT

ELECTRICAL SERVICE WEATHERHEAD

AUTOMATIC TRANSFER SWITCH

----- GROUND

CONDUCTOR

PANELBOARD

FUSED DISCONNECT

LOCAL DISCONNECT

GROUND ROD

EXOTHERMIC WELD

COMPRESSION

TEST WELL

TYPE CONNECTION

GENERATOR

NOT TO SCALE

SUMMITVIEW COMMUNITY CHURCH

(NEW BUILD) 1601 W DRAKE ROAD FORT COLLINS, CO 80526



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PROJECT MANAGER:

PREPARED BY:

APPROVED BY:

RDL

GA 5/28/19 CLIENT REVISIONS GA 3/28/19 CLIENT REVISIONS RDL 2/25/19 CLIENT REVISIONS RDL 2/19/19 CLIENT REVISIONS GA 12/20/18 CLIENT REVISIONS

PLAN REVIEWERS SIGNATURE

PROFESSIONAL STAMP

SHEET NAME

UCR ONE LINE DIAGRAM

SHEET NUMBER

ZD-4.2