



TRINITY BAPTIST CHURCH

15555 E QUINCY AVE
AURORA, CO 80015

ZONING DRAWINGS



PROJECT SUMMARY

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

1. PROPOSED CONSTRUCTION OF A NEW TELECOMMUNICATIONS FACILITY.
2. PROPOSED INSTALLATION OF SIX (6) PANEL ANTENNAS W/ RET EQUIPMENT AS REQUIRED, SIX (6) REMOTE RADIO UNITS (RRUS), AND FOUR (4) HYBRID CABLES ON AN PROPOSED 50'-0" CROSS AND ONE (1) GPS ANTENNA TO BE MOUNTED ON CABLE BRIDGE POST.
3. PROPOSED SPRINT OUTDOOR EQUIPMENT ON A (N) 8'-0" X 10'-0" CONCRETE PAD WITHIN A 10'-0" X 15'-0" FENCED LEASE AREA.
4. PROPOSED INSTALLATION OF 200A ELECTRICAL AND FIBER SERVICE FOR SPRINT EQUIPMENT.

GOVERNING CODES

GOVERNING CODES, AS APPLICABLE:

- IBC-2015, INTERNATIONAL BUILDING CODE W/ LOCAL AMENDMENTS
- IRC-2015, INTERNATIONAL RESIDENTIAL CODE
- IEBC-2015, INTERNATIONAL EXISTING BUILDING CODE
- IFC-2015, INTERNATIONAL FIRE CODE
- IEBC-2015, INTERNATIONAL FUEL GAS CODE
- NEC-2017, NATIONAL ELECTRICAL CODE
- IMC-2015, INTERNATIONAL MECHANICAL CODE
- IECC-2015, INTERNATIONAL ENERGY CONSERVATION CODE

A.D.A. COMPLIANCE:
INSTALLATION IS UNMANNED AND NOT FOR HUMAN HABITATION.
HANDICAP ACCESS IS NOT REQUIRED PER A.D.A. AND IBC 1103.2.9.

DESIGN WIND SPEED:
90 MPH - 3 SECOND GUST

Basic Wind Speed - Vult 115 mph Risk Category II, 120 mph Risk Category III-IV, 105 mph Risk Category I (3-second gust all

SITE INFORMATION

SITE NAME: TRINITY BAPTIST CHURCH
SITE ADDRESS: 15555 E QUINCY AVE AURORA, CO 80015

TOWER LATITUDE: 39° 38' 21.4" N (39.639275° N)
TOWER LONGITUDE: 104° 48' 26.8" W (-104.807441° W)
SOURCE: SURVEY

PARCEL NUMBER: 273-05-3-08-015
ZONING CLASSIFICATION: PCZD
JURISDICTION: CITY OF AURORA
TOP OF (E) STRUCTURE: 50' AGL

OCCUPANCY GROUP: U (SHELTER)
CONSTRUCTION TYPE: V-B (SHELTER)
FULLY SPRINKLERED: NO (SHELTER)
NO. OF STORIES: ONE (SHELTER)

PROJECT CONTACTS

APPLICANT
SPRINT
6100 SPRINT PARKWAY
OVERLAND PARK, KS 66251

PROPERTY OWNER
TRINITY BAPTIST CHURCH
15555 E QUINCY AVE
AURORA, CO 80015

CONSTRUCTION MANAGER
SPRINT
6100 SPRINT PARKWAY
OVERLANDPARK, KS 66251
BRANDON WHINERY
PH: 303.505.5750

PROJECT MANAGER
SPRINT
6100 SPRINT PARKWAY
OVERLANDPARK, KS 66251
DANIELE L. HUXTABLE
PH: 720.420.6915

SITE ACQUISITION CONSULTANT
CENTERLINE SOLUTIONS
16035 TABLE MOUNTAIN PARKWAY
GOLDEN, CO 80403
JOSEPH ENGBROCKS
PH: 480.812.5301

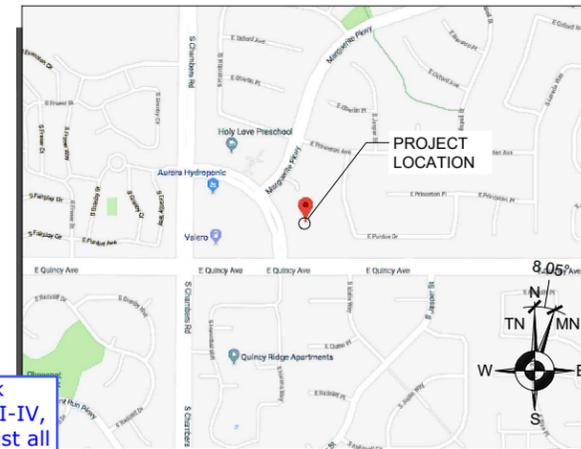
A&E CONSULTANT
CENTERLINE SOLUTIONS
16035 TABLE MOUNTAIN PARKWAY
GOLDEN, CO 80403
ADAM SMITH
PH: 303.993.3293 EXT. # 1224

ENGINEER OF RECORD
CENTERLINE SOLUTIONS
16035 TABLE MOUNTAIN PARKWAY
GOLDEN, CO 80403
KHRISTOPHER SCOTT, P.E., LEED AP
PH: 303.993.3293

DRAWING INDEX

SHEET	DESCRIPTION
T1.0	TITLE SHEET
LS1-LS2	SURVEY
A1.0	OVERALL SITE PLAN
A2.0	ENLARGED SITE PLAN
A3.0	ELEVATIONS
A4.0	ANTENNA PLANS AND DETAILS
A4.1	ANTENNA DETAILS

PROJECT VICINITY MAP



DRIVING DIRECTIONS

FROM SPRINT OFFICE LOCATED AT DENVER INTERNATIONAL AIRPORT:

1. CONTINUE TO PENNA BLVD (11.1 MI)
2. MERGE ONTO I-70 W (0.2 MI)
3. TAKE EXIT 282 TO MERGE ONTO I-225 S TOWARD COLORADO SPRINGS / AURORA (8.8 MI)
4. TAKE EXIT 4 TO MERGE ONTO CO-83 S / S PARKER ROAD (2.6 MI)
5. TURN EAST ONTO E QUINCY AVENUE (1.2 MI)
6. TURN NORTH ONTO S CHAMBERS WAY (387 FT)
7. SITE WILL BE ON THE RIGHT AT 15555 E QUINCY AVENUE

ESTIMATED DISTANCE: 24.6 MILES
ESTIMATED TIME: 29 MINUTES

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO SPRINT SERVICES IS STRICTLY PROHIBITED.

UTILITY COMPANIES

POWER: XCEL ENERGY
TELCO/FIBER: ZAYO FIBER



Know what's below.
Call before you dig.

CP PROJECT NO.: SN-18-0093-3

PRELIMINARY			
NO.	DATE	D/C	DESCRIPTION
0	10-03-18	VP/AS	90% ZD REVIEW
1	10-17-18	AS	CLIENT COMMENT

SUBMITTAL			
NO.	DATE	D/C	DESCRIPTION

SITE NAME:
TRINITY BAPTIST CHURCH

SITE ADDRESS:
15555 E QUINCY AVE
AURORA, CO 80015

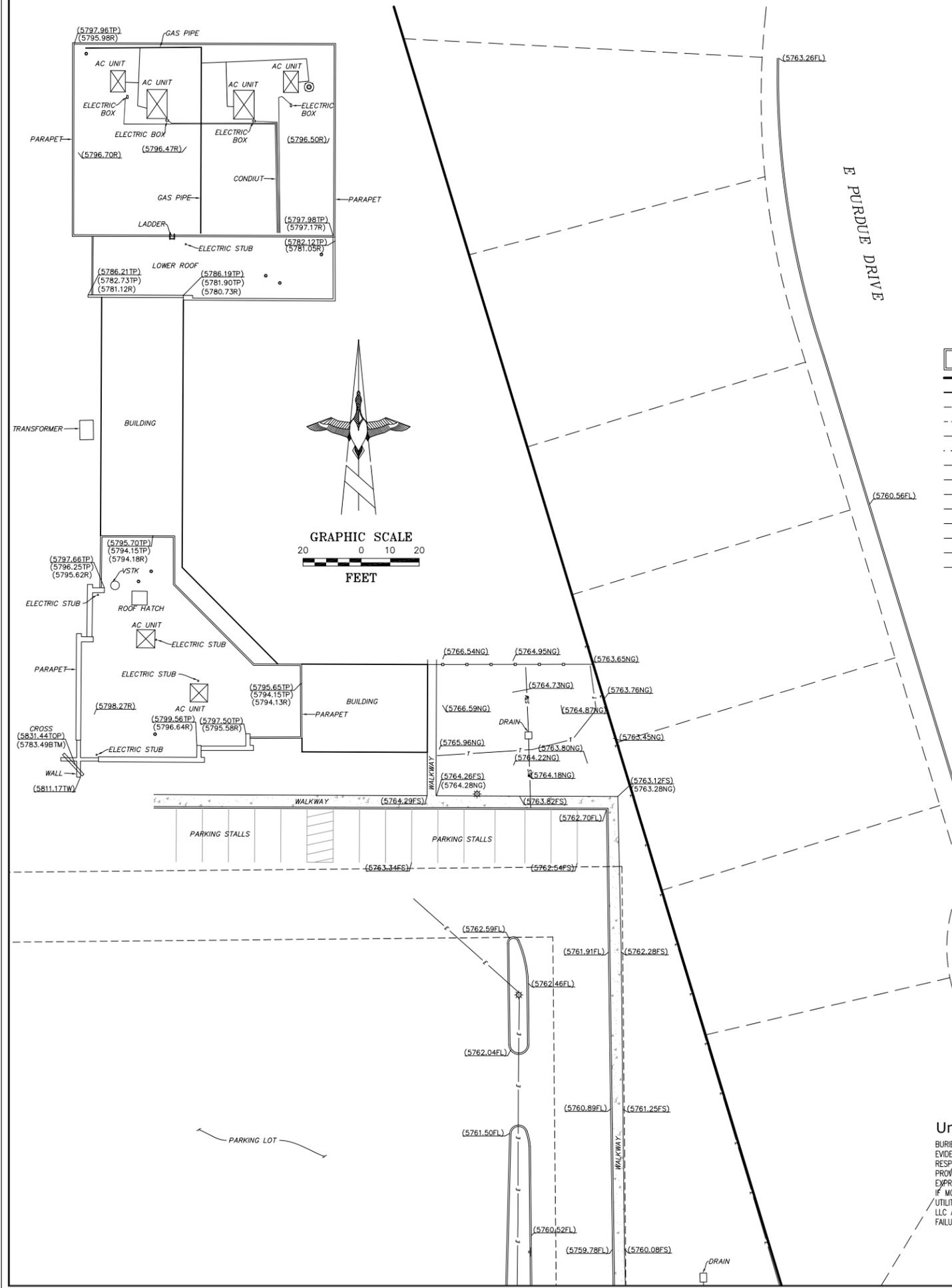
SHEET TITLE
TITLE SHEET

SHEET NO.
T1.0

SIGN OFF OF FINAL ZONING DRAWINGS

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH REDLINE NOTE AS DRAWINGS ARE BEING REVIEWED. ACKNOWLEDGEMENT OR "SIGN-OFF" BY PARTIES TO THE CONSTRUCTION DRAWINGS DOES NOT CONSTITUTE ALTERATION OF THE LEASE TERMS.

CONSULTANT	SIGNATURE	DATE
OWNER		
SITE ACQUISITION		
PERMITTING CONSULTANT		
RF ENGINEER		
CONSTRUCTION MANAGER		
OPS MANAGER		
PROJECT MANAGER		
REGULATORY REV.		
DEV. MANAGER		



LINE LEGEND

	= SUBJECT PARCEL BOUNDARY LINES
	= SECTION LINES
	= ADJOINING PARCEL BOUNDARY LINES
	= EASEMENT LINES
	= RIGHT OF WAY LINES
	= FLOOD PLANE LINES
	= BARBED WIRE FENCE
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	= UNDERGROUND GAS LINES
	= OVERHEAD ELECTRIC LINES
	= UNDERGROUND SANITARY SEWER LINES
	= UNDERGROUND TELEPHONE LINES
	= UNDERGROUND WATER LINES

Title Report

PREPARED BY: FIRST AMERICAN TITLE INSURANCE COMPANY
 ORDER NO.: 5509-3055690
 EFFECTIVE DATE: APRIL 26, 2018

Legal Description

SEE SHEET LS2

Assessor's Parcel No.

2073-05-3-08-015

Title Schedule B Exceptions

SEE SHEET LS2

Lease Area/Access & Utility Easements

TO BE DETERMINED

Geographic Coordinates as Shown

1983 DATUM: LATITUDE XX'XX"XX.XX"N LONGITUDE XXX'XX"XX.XX"W

Date of Survey

MAY 24, 2018

Basis of Bearings

THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (NAD83).
 CLASSIFICATION MINIMUM GEOMETRIC ACCURACY STANDARD
 THIRD 5.0 cm + 1: 10,000

Bench Mark

GPS OBSERVATION UTILIZING NGS CORS STATIONS PROCESSED UTILIZING THE OPUS UTILITY (NAVD 88) DATUM



Underground Utility Note:

BURIED UTILITIES AND/OR PIPELINES SHOWN HEREON ARE PER VISIBLE AND APPARENT SURFACE EVIDENCE, RECORD DRAWINGS OF THE CONSTRUCTED UTILITY LINES OBTAINED FROM RELIABLE AND RESPONSIBLE SOURCES NOT CONNECTED WITH ALTURA LAND CONSULTANTS, LLC. OR MARKINGS PROVIDED BY AN INDEPENDENT LOCATING CONTRACTOR. NO GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR THOROUGHNESS OF SUCH INFORMATION. IF MORE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES OR PIPE LINES ARE REQUIRED, THE UTILITY OR PIPELINE WILL HAVE TO BE VERIFIED BY FIELD POT-HOLING. ALTURA LAND CONSULTANTS, LLC AND THE SURVEYOR OF RECORD SHALL NOT BE HELD LIABLE FOR THE LOCATION OF OR THE FAILURE TO NOTE THE LOCATION OF NON-VISIBLE UTILITIES OR PIPELINES.

Legend

	CONCRETE PAVEMENT	NG	NATURAL GROUND
	CONIFEROUS TREE	•	PARKING BOLLARD
	DIAMETER	POB	POINT OF BEGINNING
	DECIDUOUS TREE	POC	POINT OF COMMENCEMENT
	EDGE OF ASPHALT	—OE—	OVERHEAD ELECTRIC LINE
	FINISHED FLOOR	—P—	POWER POLE
	FINISH SURFACE	—R.O.W.—	PROPERTY LINE
	FIRE HYDRANT	—R.O.W.—	RIGHT OF WAY
	FLOW LINE	⊙	SEWER MANHOLE
	FOUND MONUMENT AS NOTED	⊙	SIGN POST
	FOUND SECTION MONUMENT	⊙	STREET LIGHT STANDARD
	GEOGRAPHIC LOCATION	⊙	TELEPHONE PEDESTAL
	GAS METER	⊙	TYPICAL
	IRRIGATION CONTROL VALVE	⊙	WATER METER
		⊙	WATER VALVE

Certificate of Survey

THIS IS TO CERTIFY THAT THIS TOPOGRAPHIC MAP AND IMPROVEMENTS SHOWN ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JESUS A. LUGO, PLS 38081

THIS DOES NOT REPRESENT A MONUMENTED SURVEY. REFERENCE IS MADE TO A COMMITMENT FOR TITLE INSURANCE, NUMBER 5509-3055690, ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY, AND HAVING AN EFFECTIVE DATE OF APRIL 26, 2018. THIS SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. THE LESSOR'S LEGAL DESCRIPTION AND RECORD BOUNDARY ARE SHOWN HEREON FOR REFERENCE ONLY. THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE LESSOR'S PROPERTY.



PROJECT INFORMATION:

DN90XCD18
 15555 E. QUINCY AVE.
 AURORA, CO. 80015
 COUNTY OF ARAPAHOE

CURRENT ISSUE DATE:

5/29/18

ISSUED FOR:

DESIGN

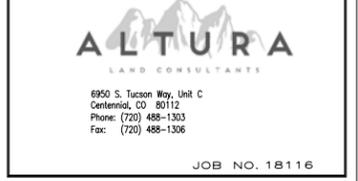
REV. DATE: ISSUED FOR: BY:

0	5/29/18	SUBMITTAL	JT

PLANS PREPARED FOR:



CONSULTANT:



DRAWN BY: CHK.: APV.:

JT JAL JAL

LICENSURE:



SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NUMBER: REVISION:

LS1 0
 SHEET 1 OF 2 SHEETS 18116



Title Report

PREPARED BY: FIRST AMERICAN TITLE INSURANCE COMPANY
ORDER NO.: 5509-3055690
EFFECTIVE DATE: APRIL 26, 2018

Legal Description

A PORTION OF TRACT "C" OF MISSION VIEJO FILING NO. 3, CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID MISSION VIEJO FILING NO. 3; THENCE NORTH 0°00'17" EAST AND ALONG THE EAST BOUNDARY LINE OF SAID MISSION VIEJO FILING NO. 3, 25.00 FEET TO THE POINT OF BEGINNING, SAID POINT BEING THE SOUTHEAST CORNER OF SAID TRACT "C" ON THE NORTHERLY RIGHT-OF-WAY LINE OF QUINCY AVENUE; THENCE NORTH 16°21'31" WEST AND ALONG THE EAST BOUNDARY LINE OF SAID MISSION VIEJO FILING NO. 3, 509.60 FEET; THENCE NORTH 82°29'13" WEST, 145.00 FEET; THENCE NORTH 58°14'09" WEST, 68.75 FEET TO A POINT OF INTERSECTION WITH A CURVE ON THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF SOUTH MARGUERITE PARKWAY, WHOSE RADIUS POINT BEARS NORTH 55°51'44" WEST, SAID POINT BEING ALSO ON THE NORTHWESTERLY LINE OF SAID TRACT "C"; THENCE SOUTHWESTERLY ALONG SAID RIGHT-OF-WAY AND SAID NORTHWESTERLY LINE OF SAID TRACT "C" ON A CURVE TO THE RIGHT HAVING A RADIUS OF 600.00 FEET, A CENTRAL ANGLE OF 1°30'34", 136.79 FEET TO A POINT OF TANGENT; THENCE SOUTH 47°12'00" WEST ALONG SAID TANGENT AND ALONG SAID RIGHT-OF-WAY LINE AND ALONG SAID NORTHWESTERLY LINE OF SAID TRACT "C"; 37.89 FEET TO A POINT OF CURVE; THENCE ALONG SAID RIGHT-OF-WAY LINE OF SOUTH CHAMBERS WAY, BEING ALSO A POINT ON THE WEST LINE OF SAID TRACT "C"; 37.89 FEET TO A POINT OF CURVE; THENCE ALONG SAID RIGHT-OF-WAY AND ALONG SAID NORTHWESTERLY LINE OF SAID TRACT "C" ON A CURVE TO THE LEFT HAVING A RADIUS OF 20.00 FEET, A CENTRAL ANGLE OF 83°14'37", 29.06 FEET TO A POINT OF TANGENT REVERSE CURVE ON THE EASTERLY RIGHT-OF-WAY LINE OF SOUTH CHAMBERS WAY, BEING ALSO A POINT ON THE WEST LINE OF SAID TRACT "C"; THENCE ALONG SAID EASTERLY RIGHT-OF-WAY LINE AND ALONG SAID WEST LINE OF SAID TRACT "C" ON A CURVE TO THE RIGHT HAVING A RADIUS OF 575.00 FEET, A CENTRAL ANGLE OF 36°02'54", 361.77 FEET TO A POINT OF TANGENT; THENCE SOUTH 0°00'17" WEST ALONG SAID TANGENT AND ALONG SAID EASTERLY RIGHT-OF-WAY LINE AND ALONG SAID WEST LINE OF SAID TRACT "C"; 30.00 FEET TO A POINT OF CURVE; THENCE ALONG SAID EASTERLY RIGHT-OF-WAY LINE AND ALONG SAID WEST LINE OF SAID TRACT "C" ON A CURVE TO THE LEFT HAVING A RADIUS OF 20.00 FEET, A CENTRAL ANGLE OF 90°00'00", 31.42 FEET TO A POINT OF TANGENT ON THE NORTHERLY RIGHT-OF-WAY LINE OF QUINCY AVENUE, BEING ALSO THE SOUTH LINE OF SAID TRACT "C"; THENCE SOUTH 89°05'43" EAST ALONG SAID TANGENT AND ALONG SAID NORTHERLY RIGHT-OF-WAY LINE AND ALONG SAID SOUTH LINE OF SAID TRACT "C", 335.00 FEET TO THE POINT OF BEGINNING, COUNTY OF ARAPAHOE, STATE OF COLORADO.

Assessor's Parcel No.

2073-05-3-08-015

Title Schedule B Exceptions

8. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS EASEMENTS, AND RESTRICTIONS, IF ANY, AS CONTAINED IN COVENANT RECORDED MAY 14, 1973 AT RECEPTION NO. 1356981. (BLANKET IN NATURE).
9. NOTES AND EASEMENTS AS SHOWN ON THE PLAT OF MISSION VIEJO FILING NO. 3 RECORDED MAY 16, 1973 IN BOOK 24 AT PAGE 48. (PLOTTED HEREON).
10. AN EASEMENT FOR UTILITIES AND INCIDENTAL PURPOSES GRANTED TO PUBLIC SERVICE COMPANY OF COLORADO BY THE INSTRUMENT RECORDED JANUARY 31, 1974 IN BOOK 2208 AT PAGE 561 UPON THE TERMS AND CONDITIONS SET FORTH IN THE INSTRUMENT. (DOES NOT AFFECT SUBJECT PROPERTY).
11. RESERVATIONS AND RESTRICTIONS AS CONTAINED IN DEED RECORDED MAY 30, 1978 IN BOOK 2783 AT PAGE 665 AND RE-RECORDED JUNE 26, 1978 IN BOOK 2801 AT PAGE 590. (BLANKET IN NATURE).
12. AN EASEMENT FOR COMMUNICATION AND INCIDENTAL PURPOSES GRANTED TO MOUNTAIN STATES TELEPHONE AND TELEGRAPH CORPORATION BY THE INSTRUMENT RECORDED DECEMBER 28, 1979 IN BOOK 3144 AT PAGE 214 UPON THE TERMS AND CONDITIONS SET FORTH IN THE INSTRUMENT. (PLOTTED HEREON).
13. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS EASEMENTS, AND RESTRICTIONS, IF ANY, AS CONTAINED IN FIRE LANE EASEMENT RECORDED FEBRUARY 23, 1983 IN BOOK 3801 AT PAGE 760. NOTE: DEED FROM THE CITY OF AURORA RECORDED OCTOBER 26, 1987 IN BOOK 5295 AT PAGE 342. (PLOTTED HEREON).
14. NOTES AND EASEMENTS AS SHOWN ON THE PLAT OF PLANNED UNIT DEVELOPMENT TRINITY BAPTIST CHAPEL RECORDED MARCH 29, 1983 AT RECEPTION NO. 2261275. (BLANKET IN NATURE).
15. RESTRICTION AS CONTAINED IN DEED RECORDED JULY 1, 1983 IN BOOK 3903 AT PAGE 659. NOTE: QUIT CLAIM DEED RECORDED NOVEMBER 4, 1992 IN BOOK 6683 AT PAGE 694. (BLANKET IN NATURE).
16. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS EASEMENTS, AND RESTRICTIONS, IF ANY, AS CONTAINED IN PERMANENT UTILITY EASEMENT RECORDED OCTOBER 19, 1983 IN BOOK 3997 AT PAGE 99. (PLOTTED HEREON).
17. AN EASEMENT FOR UTILITIES AND INCIDENTAL PURPOSES GRANTED TO PUBLIC SERVICE COMPANY OF COLORADO BY THE INSTRUMENT RECORDED OCTOBER 28, 1983 IN BOOK 4004 AT PAGE 443 UPON THE TERMS AND CONDITIONS SET FORTH IN THE INSTRUMENT. (NOT A PLOTTABLE ITEM).
18. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS EASEMENTS, AND RESTRICTIONS, IF ANY, AS CONTAINED IN FIRE LANE EASEMENT RECORDED OCTOBER 26, 1987 IN BOOK 5295 AT PAGE 391. (PLOTTED HEREON).
19. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS EASEMENTS, AND RESTRICTIONS, IF ANY, AS CONTAINED IN FIRE LANE EASEMENT RECORDED OCTOBER 17, 1994 IN BOOK 7742 AT PAGE 350. (PLOTTED HEREON).
20. DEED OF TRUST FROM TRINITY BAPTIST CHURCH OF AURORA, A COLORADO NON-PROFIT CORPORATION TO SECURE AN INDEBTEDNESS IN THE PRINCIPAL SUM OF \$850,000.00, AND ANY OTHER AMOUNTS AND/OR OBLIGATIONS SECURED THEREBY, DATED JANUARY 9, 1995, AND RECORDED JANUARY 12, 1995 AT RECEPTION NO. 4715. TRUSTEE: PUBLIC TRUSTEE OF ARAPAHOE COUNTY. BENEFICIARY: THE NEW MEXICO BAPTIST FOUNDATION INC. (BLANKET IN NATURE).
21. NOTES AND EASEMENTS AS SHOWN ON THE PLAT OF SITE PLAN AMENDMENT FOR TRINITY BAPTIST CHURCH RECORDED FEBRUARY 14, 1995 AT RECEPTION NO. 95-15048. (PLOTTED HEREON).
22. AN EASEMENT FOR UTILITIES AND INCIDENTAL PURPOSES GRANTED TO PUBLIC SERVICE COMPANY OF COLORADO BY THE INSTRUMENT RECORDED MAY 26, 1995 IN BOOK 7966 AT PAGE 532 UPON THE TERMS AND CONDITIONS SET FORTH IN THE INSTRUMENT. (DOCUMENT IS ILLEGIBLE).
23. ANY EXISTING LEASES OR TENANCIES.
24. THE EFFECT OF GENERAL DEVELOPMENT PLAN RECORDED DECEMBER 07, 1977 AT RECEPTION NO. 1690434 AND RECORDED MARCH 20, 1978 AT RECEPTION NO. 1718158 AND RECORDED DECEMBER 13, 1982 AT RECEPTION NO. 2228855 AND RECORDED AUGUST 22, 1983 AT RECEPTION NO. 2315144. (BLANKET IN NATURE).
25. TERMS, AGREEMENTS, PROVISIONS, CONDITIONS, OBLIGATIONS AND EASEMENTS, IF ANY, AS CONTAINED IN ORDINANCE NO. 2004-51 RECORDED SEPTEMBER 07, 2004 AT RECEPTION NO. B4159341. (PLOTTED HEREON).



LINE LEGEND

	= SUBJECT PARCEL BOUNDARY LINES
	= SECTION LINES
	= ADJOINING PARCEL BOUNDARY LINES
	= EASEMENT LINES
	= RIGHT OF WAY LINES
	= FLOOD PLANE LINES
	= BARBED WIRE FENCE
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	= UNDERGROUND TELEPHONE LINES
	= UNDERGROUND WATER LINES

Geographic Coordinates as Shown

1983 DATUM: LATITUDE XX'XX"XX.XX"N LONGITUDE XXX'XX"XX.XX"W

Date of Survey

MAY 24, 2018

Basis of Bearings

THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (NAD83).
CLASSIFICATION MINIMUM GEOMETRIC ACCURACY STANDARD
THIRD 5.0 cm + 1: 10,000

Bench Mark

GPS OBSERVATION UTILIZING NGS CORS STATIONS PROCESSED UTILIZING THE OPUS UTILITY (NAVD 88) DATUM

Lease Area/Access & Utility Easements

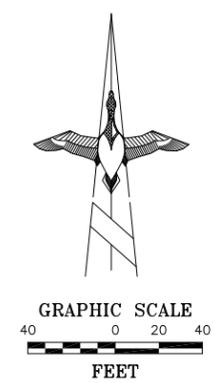
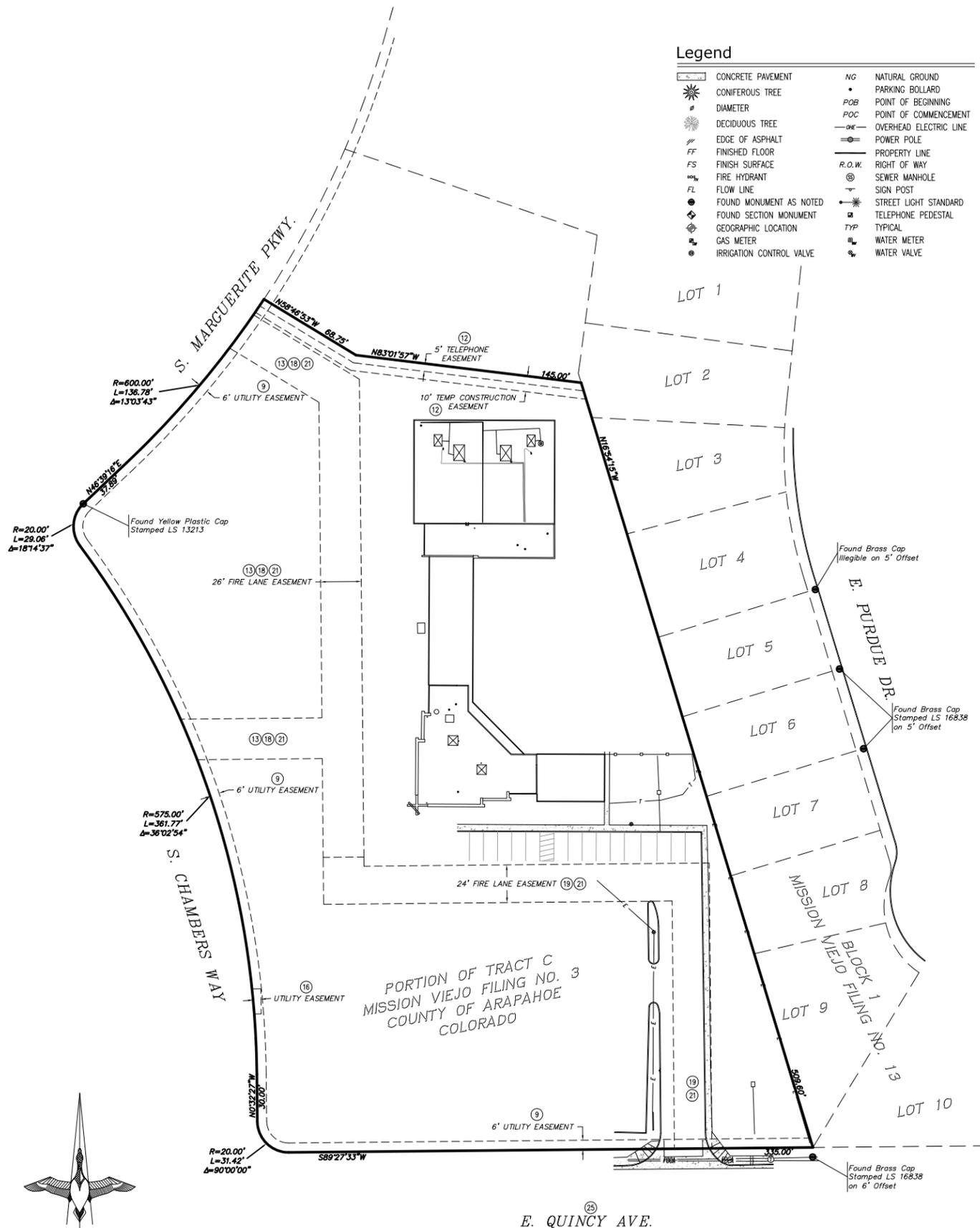
TO BE DETERMINED

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Legend

	CONCRETE PAVEMENT		NATURAL GROUND
	CONIFEROUS TREE		PARKING BOLLARD
	DIAMETER		POINT OF BEGINNING
	DECIDUOUS TREE		POINT OF COMMENCEMENT
	EDGE OF ASPHALT		OVERHEAD ELECTRIC LINE
	FINISHED FLOOR		POWER POLE
	FINISH SURFACE		PROPERTY LINE
	FIRE HYDRANT		RIGHT OF WAY
	FLOW LINE		SEWER MANHOLE
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	FOUND SECTION MONUMENT		STREET LIGHT STANDARD
	GEOGRAPHIC LOCATION		TELEPHONE PEDESTAL
	GAS METER		TYPICAL
	IRRIGATION CONTROL VALVE		WATER METER
			WATER VALVE



PROJECT INFORMATION:

DN90XCD18

15555 E. QUINCY AVE.
AURORA, CO. 80015
COUNTY OF ARAPAHOE

CURRENT ISSUE DATE:

5/29/18

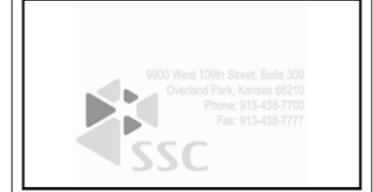
ISSUED FOR:

DESIGN

REV.: DATE: ISSUED FOR: BY:

REV.	DATE	ISSUED FOR	BY
0	5/29/18	SUBMITTAL	JT

PLANS PREPARED FOR:



CONSULTANT:



DRAWN BY: CHK.: APV.:

JT	JAL	JAL
----	-----	-----

LICENSURE:



SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NUMBER: REVISION:

LS2 0
SHEET 2 OF 2 SHEETS 18116



DRAWING LEGEND

---	SUBJECT PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	COAX ROUTE
---	HYBRID CABLE ROUTE
---	OVERHEAD TELCO ROUTE
---	OVERHEAD FIBER ROUTE
---	OVERHEAD POWER ROUTE
---	UNDERGRND. TELCO ROUTE
---	UNDERGRND. FIBER ROUTE
---	UNDERGRND. POWER ROUTE
---	FIBER / POWER ROUTE
---	EXISTING FENCE
⊗	ELEVATION MARKER
⊗	DETAIL REFERENCE
⊗	SECTION MARKER

CP PROJECT NO.: SN-18-0093-3

PRELIMINARY			
NO.	DATE	D/C	DESCRIPTION
0	10-03-18	VP/AS	90% ZD REVIEW
1	10-17-18	AS	CLIENT COMMENT

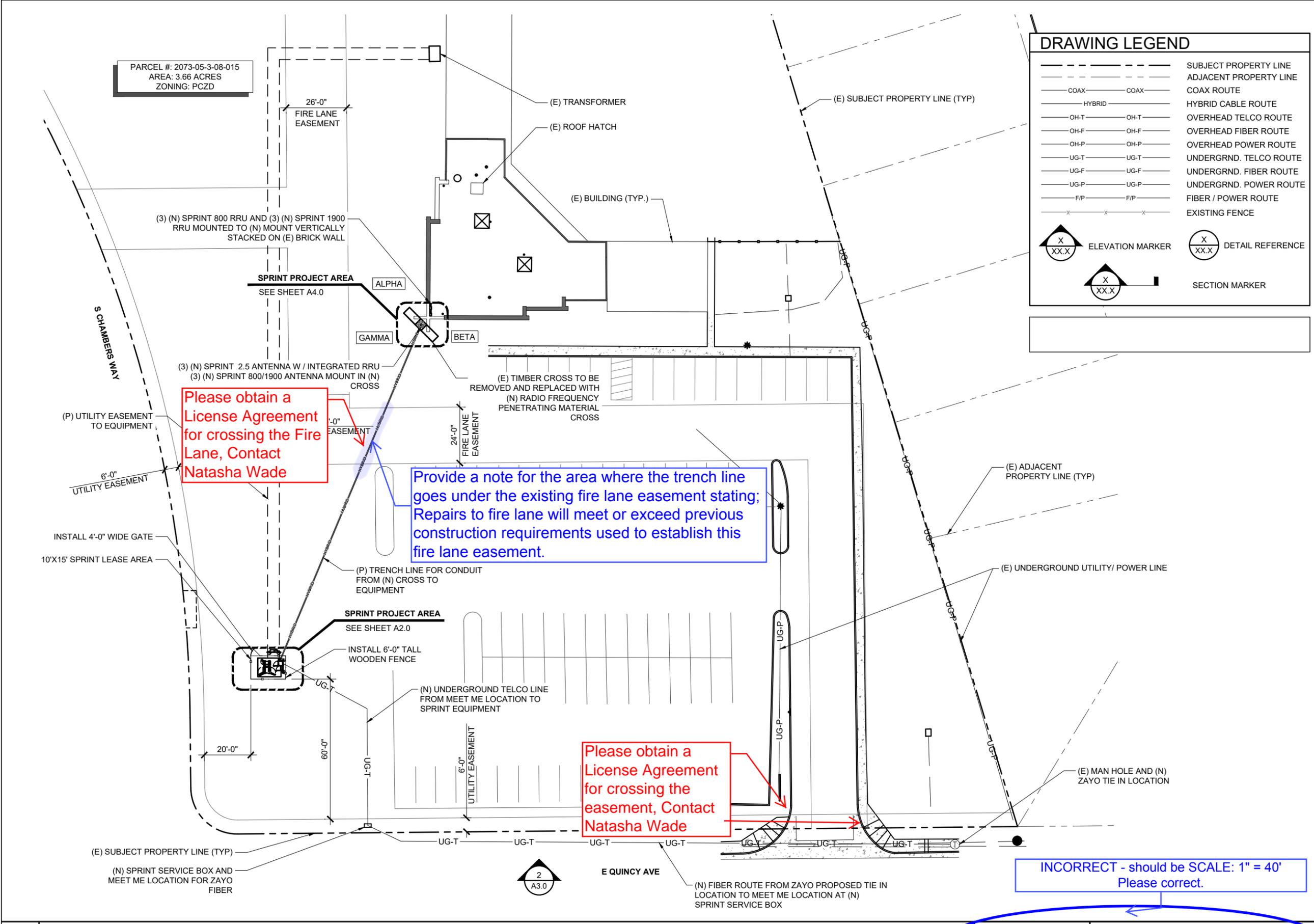
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NO.	DATE	D/C	DESCRIPTION

SITE NAME:
TRINITY BAPTIST CHURCH

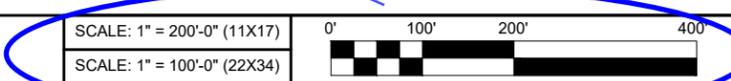
SITE ADDRESS:
15555 E QUINCY AVE
AURORA, CO 80015

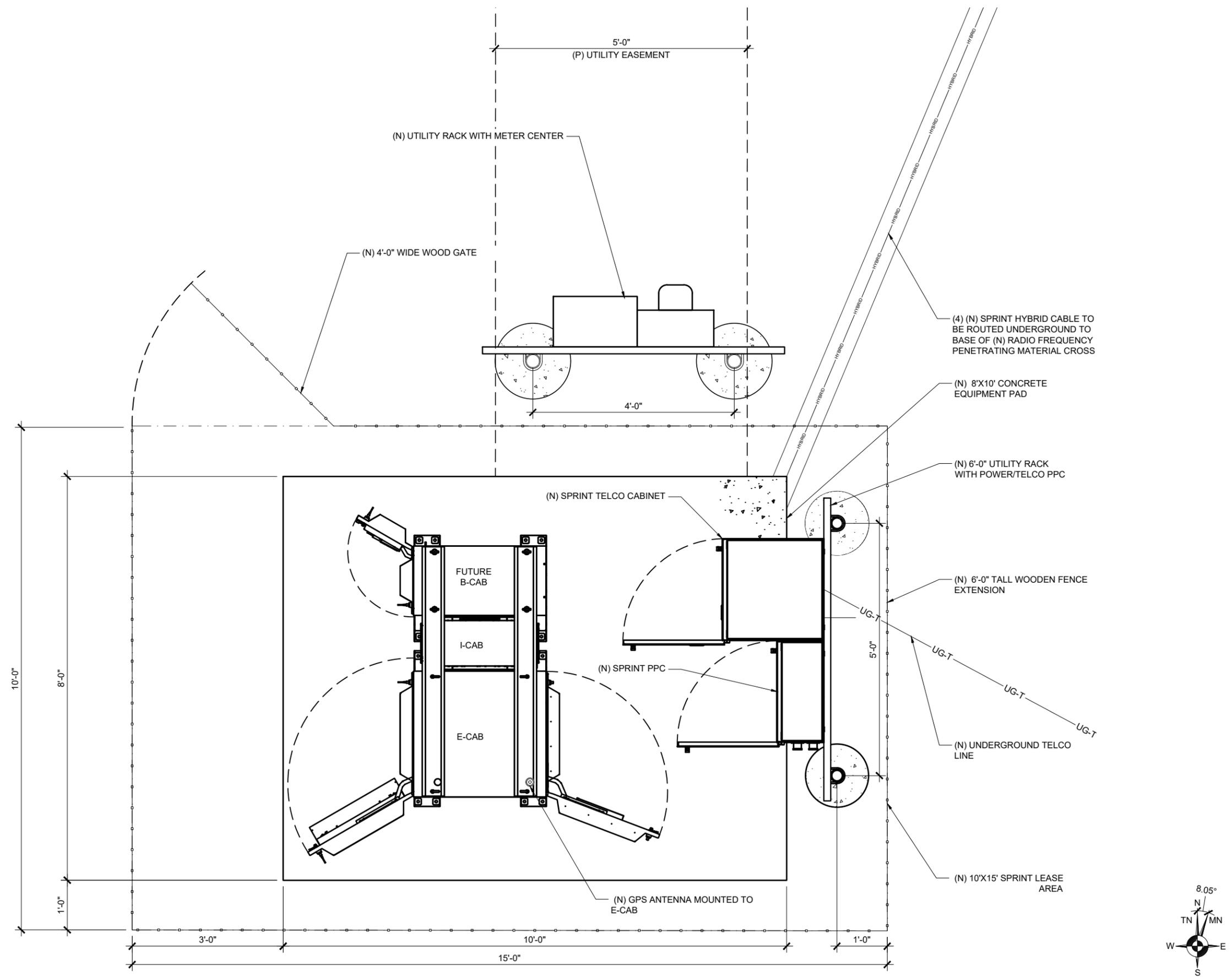
SHEET TITLE
OVERALL SITE PLAN

SHEET NO.
A1.0



INCORRECT - should be SCALE: 1" = 40'
Please correct.





CP PROJECT NO.: SN-18-0093-3

PRELIMINARY			
NO.	DATE	D/C	DESCRIPTION
0	10-03-18	VP/AS	90% ZD REVIEW
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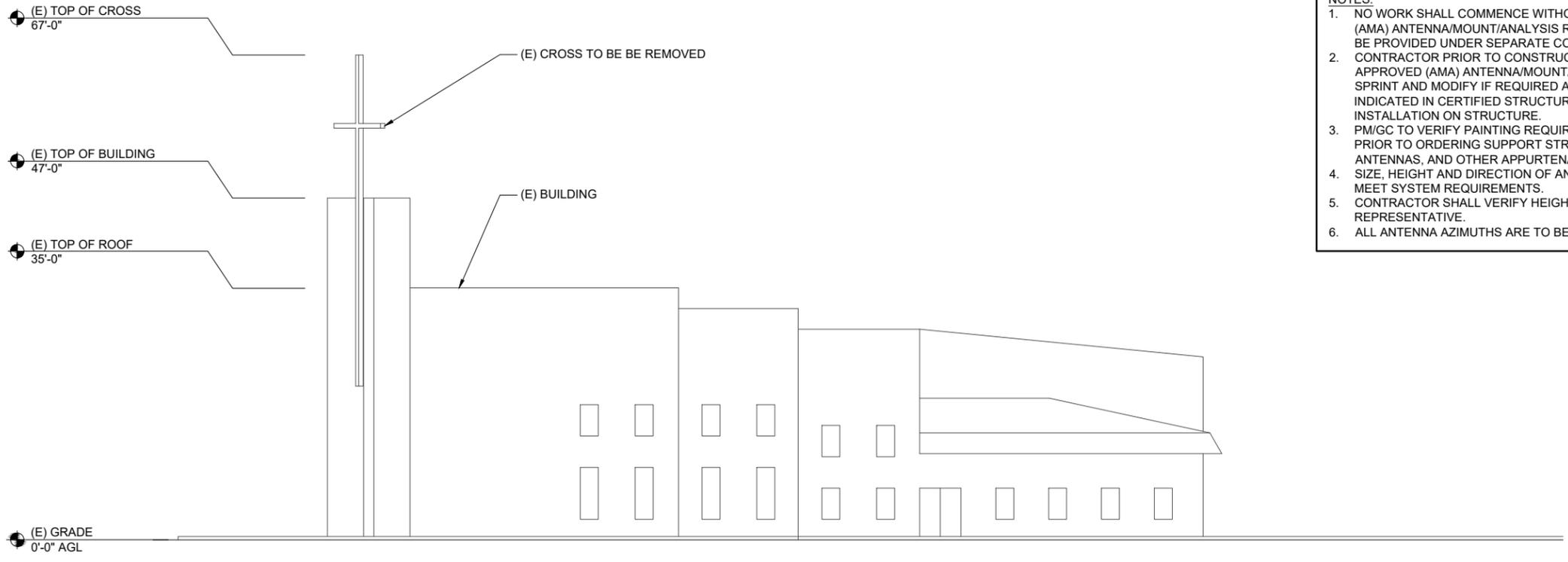
SUBMITTAL			
NO.	DATE	D/C	DESCRIPTION

SITE NAME:
TRINITY BAPTIST CHURCH

SITE ADDRESS:
 15555 E QUINCY AVE
 AURORA, CO 80015

SHEET TITLE
ENLARGED EQUIPMENT PLAN

SHEET NO.
A2.0



- NOTES:**
1. NO WORK SHALL COMMENCE WITHOUT THE APPROVED STRUCTURAL (AMA) ANTENNA/MOUNT/ANALYSIS REPORT (SIGNED AND SEALED) TO BE PROVIDED UNDER SEPARATE COVER.
 2. CONTRACTOR PRIOR TO CONSTRUCTION SHALL REVIEW THE APPROVED (AMA) ANTENNA/MOUNT/ANALYSIS REPORT SUPPLIED BY SPRINT AND MODIFY IF REQUIRED ALL APPLICABLE MEMBERS AS INDICATED IN CERTIFIED STRUCTURAL REPORT PRIOR TO INSTALLATION ON STRUCTURE.
 3. PM/GC TO VERIFY PAINTING REQUIREMENTS WITH JURISDICTION PRIOR TO ORDERING SUPPORT STRUCTURES, ATTACHMENTS, ANTENNAS, AND OTHER APPURTENANCES.
 4. SIZE, HEIGHT AND DIRECTION OF ANTENNAS SHALL BE ADJUSTED TO MEET SYSTEM REQUIREMENTS.
 5. CONTRACTOR SHALL VERIFY HEIGHT OF ANTENNA WITH SPRINT REPRESENTATIVE.
 6. ALL ANTENNA AZIMUTHS ARE TO BE TAKEN FROM TRUE NORTH.

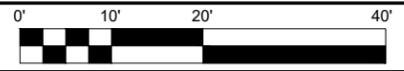
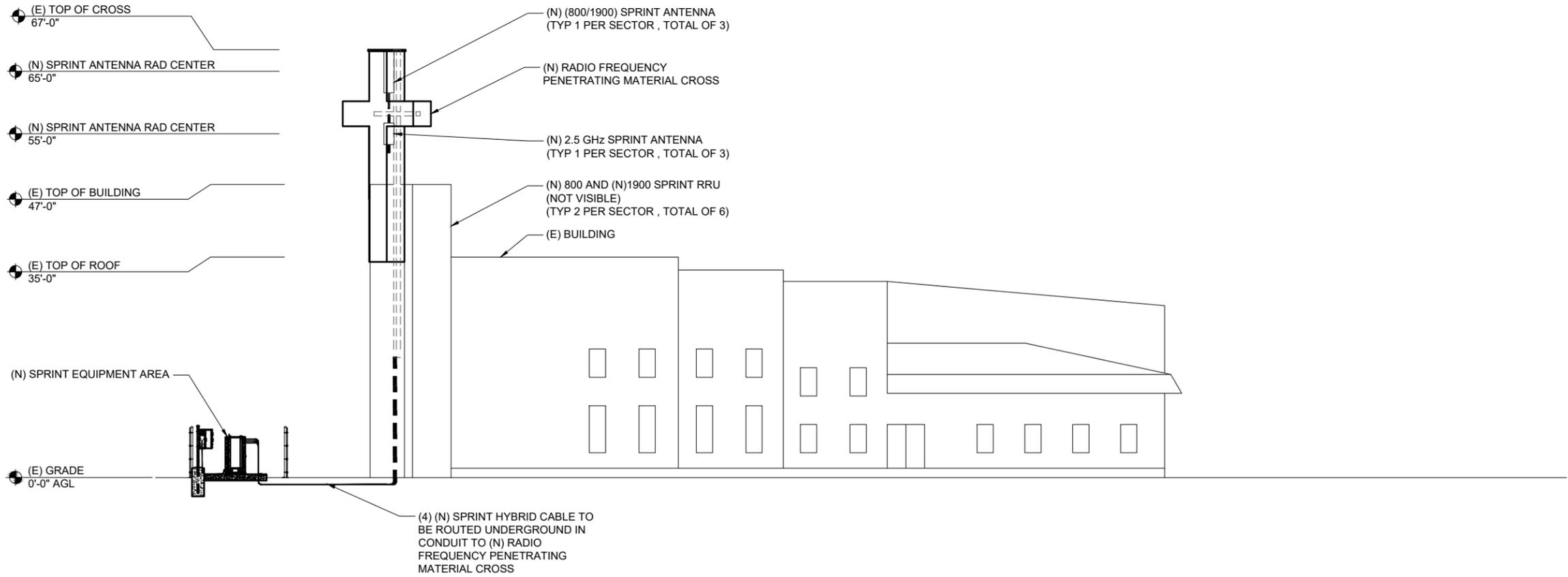
SITE ELEVATION NOTE:
 ELEVATIONS SHOWN ARE BASED ON ARCHIVED INFORMATION & FIELD OBSERVATIONS. ELEVATION SURVEYS WERE NOT COMPLETED.




CP PROJECT NO.: SN-18-0093-3

1 (E) SOUTH ELEVATION

SCALE: 1" = 20'-0" (11X17)
 SCALE: 1" = 10'-0" (22X34)

2 (N) SOUTH ELEVATION

SCALE: 1" = 20'-0" (11X17)
 SCALE: 1" = 10'-0" (22X34)



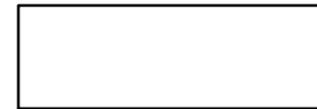
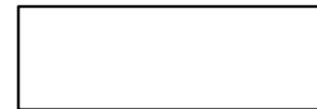
PRELIMINARY			
NO.	DATE	D/C	DESCRIPTION
0	10-03-18	VP/AS	90% ZD REVIEW
1	10-17-18	AS	CLIENT COMMENT
SUBMITTAL			
NO.	DATE	D/C	DESCRIPTION

SITE NAME:
 TRINITY BAPTIST CHURCH

SITE ADDRESS:
 15555 E QUINCY AVE
 AURORA, CO 80015

SHEET TITLE
 ELEVATIONS

SHEET NO.
 A3.0



CP PROJECT NO.: SN-18-0093-3

PRELIMINARY			
NO.	DATE	D/C	DESCRIPTION
0	10-03-18	VP/AS	90% ZD REVIEW
1	10-17-18	AS	CLIENT COMMENT

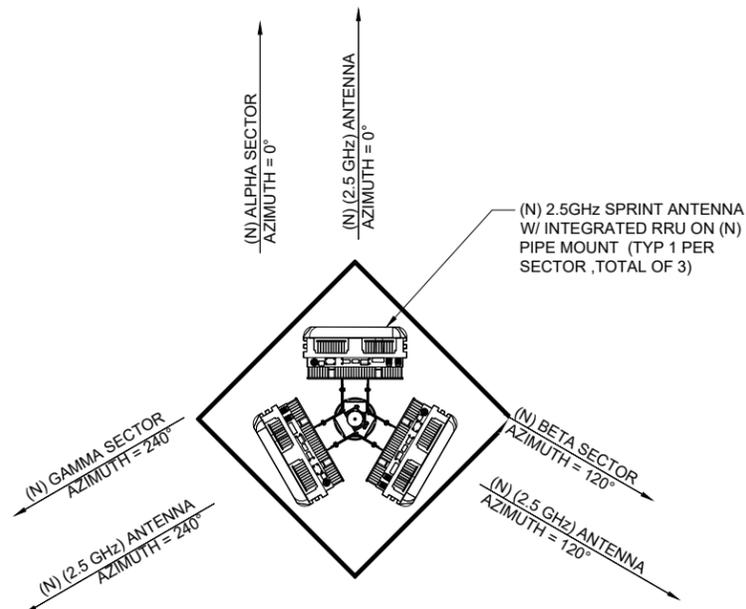
SUBMITTAL			
NO.	DATE	D/C	DESCRIPTION

SITE NAME:
TRINITY BAPTIST CHURCH

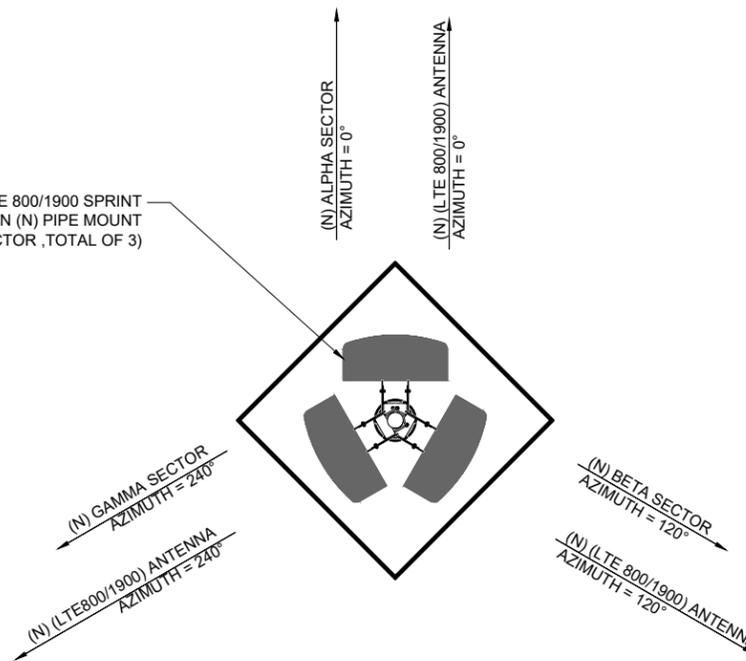
SITE ADDRESS:
15555 E QUINCY AVE
AURORA, CO 80015

SHEET TITLE
ANTENNA PLAN AND DETAILS

SHEET NO.
A4.0



(N) LTE 800/1900 SPRINT ANTENNA ON (N) PIPE MOUNT (TYP 1 PER SECTOR ,TOTAL OF 3)



1 NEW ANTENNA PLAN (RAD CENTER 55'-0")

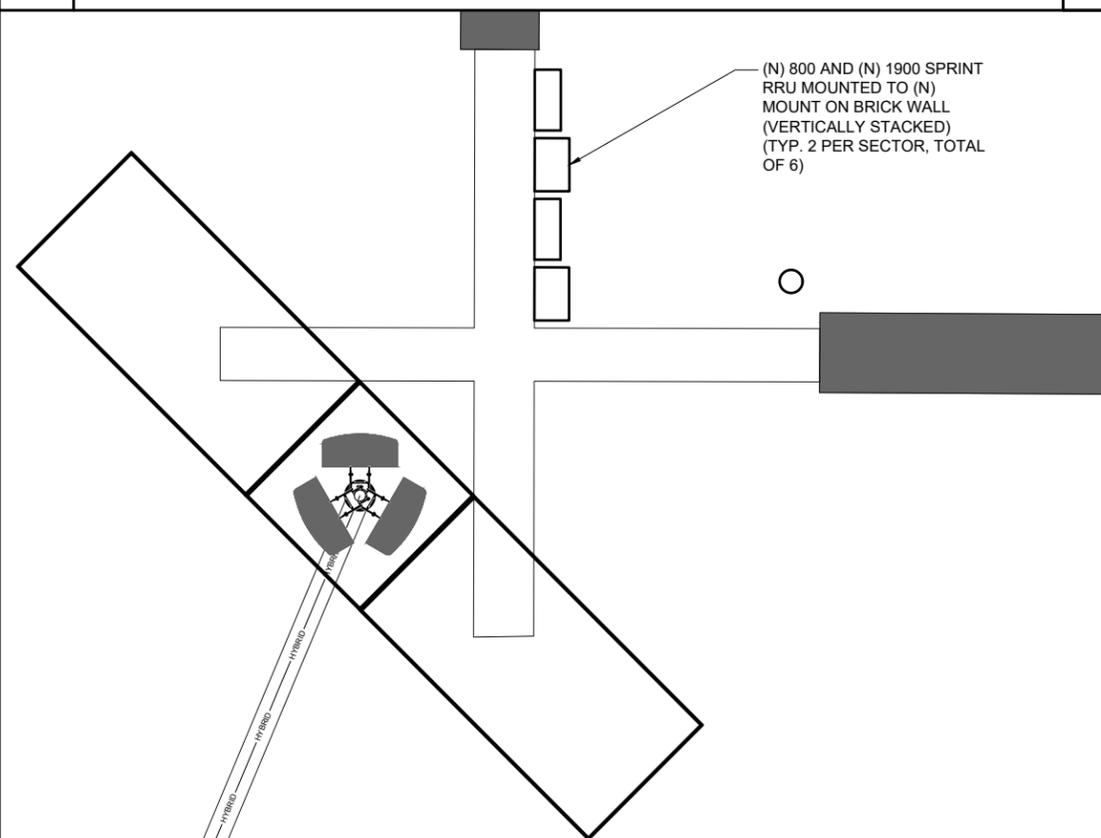
SCALE: NTS

SCALE: NTS

2 NEW ANTENNA PLAN (RAD CENTER 65'-0")

SCALE: NTS

SCALE: NTS



3 RRU PLAN

SCALE: NTS

SCALE: NTS

NEW RRU / HYBRID CABLE SCHEDULE

SECTOR	RRU MODEL	RRU FREQUENCY	HYBRID CABLE LENGTH	HYBRID CABLE DIAMETER	JUMPER SIZE	JUMPER LENGTH
ALPHA	RRH-P4	1900 MHz	125'	1.544"	1/2"	8'
ALPHA	RRH-C4	800 MHz	125'	1.544"	1/2"	8'
BETA	RRH-P4	1900 MHz	125'	1.544"	1/2"	8'
BETA	RRH-C4	800 MHz	125'	1.544"	1/2"	8'
GAMMA	RRH-P4	1900 MHz	125'	1.544"	1/2"	8'
GAMMA	RRH-C4	800 MHz	125'	1.544"	1/2"	8'

ANTENNA SCHEDULE

SECTOR	ANTENNA FREQUENCY	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA QTY.	AZIMUTH	RAD CENTER	ANTENNA SIZE	ELECT. TILT 800/1900/2500	MECH. TILT
ALPHA	2500 MHz	SAMSUNG	MMU	1	0°	55'- 0"	41.3"	2°/2°/2°	0°
ALPHA	800 MHz / 1900 MHz	RFS	APXVBLL20X_43-C-120	1	0°	65'- 0"	82.6"		
BETA	2500 MHz	SAMSUNG	MMU	1	120°	55'- 0"	41.3"		
BETA	800 MHz / 1900 MHz	RFS	APXVBLL20X_43-C-120	1	120°	65'- 0"	82.6"		
GAMMA	2500 MHz	SAMSUNG	MMU	1	240°	55'- 0"	41.3"		
GAMMA	800 MHz / 1900 MHz	RFS	APXVBLL20X_43-C-120	1	240°	65'- 0"	82.6"		

NOTES:

- STRUCTURAL ANALYSIS MUST BE PERFORMED ON ALL ROOFTOPS, FLAGPOLES AND TOWER SITES BEFORE INSTALLATION OF NEW ANTENNAS, NEW RRHs, & NEW CABINETS/TEMPORARY PLATFORM. STRUCTURAL ANALYSIS PROVIDED BY GENERAL DYNAMICS.
- EXISTING ANTENNAS ARE CDMA UNLESS NOTED OTHERWISE.
- NEW SPRINT ANTENNAS INCLUDE RESPECTIVE RRHs WHICH SHALL BE MOUNTED ON THE PIPE BEHIND THE ANTENNA SIMILAR TO THAT SHOWN ON DETAIL 7, SHEET A-6.
- FIELD VERIFY EXISTING AZIMUTH BEFORE RELOCATING THE ANTENNA, IF REQUIRED. PRIOR APPROVAL FROM SPRINT TO BE GRANTED BEFORE RELOCATION OF ANTENNAS.
- ALL AZIMUTHS ARE TO BE ESTABLISHED CLOCKWISE FROM THE TRUE NORTH HEADING. CONTRACTOR SHALL VERIFY NEW ANTENNA RAD CENTER AND ORIENTATIONS WITH SPRINT PCS PRIOR TO INSTALLATION OF ANTENNAS. PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, EXISTING TOWER AND TOWER FOUNDATION MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER TO VERIFY TOWER IS CAPABLE OF SUPPORTING THE NEW LOADS. REFER TO STRUCTURAL ANALYSIS BY OTHERS. CONTRACTOR SHALL REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OF MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

4 ANTENNA / ANCILLARY SCHEDULE AND NOTES

SCALE: NTS

SCALE: NTS