

T-Mobile

DN01529B

APPROVAL SIGNATURE BLOCK		
THE FOLLOWING PARTIES HAVE REVIEWED THESE DOCUMENTS		
ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL ZONING/BUILDING DEPARTMENTS AND MAY IMPOSE CHANGES OR MODIFICATIONS		
_____	_____	<input type="checkbox"/> APPROVED
CONSTRUCTION MANAGER	CONSTRUCTION MANAGER	<input type="checkbox"/> REJECTED
(PRINT)		
_____	_____	<input type="checkbox"/> APPROVED
		<input type="checkbox"/> REJECTED
RF ENGINEER (PRINT)	RF ENGINEER	DATE
_____	_____	<input type="checkbox"/> APPROVED
		<input type="checkbox"/> REJECTED
SITE ACQUISITION (PRINT)	SITE ACQUISITION	DATE
_____	_____	<input type="checkbox"/> APPROVED
		<input type="checkbox"/> REJECTED
TMO QUALITY (PRINT)	QA	DATE
ASSURANCE		



T-MOBILE SITE NAME:

COLORADO MARKETING CENTER

T-MOBILE SITE NUMBER:

DN01529B

SITE ADDRESS:

14707 E. 2ND AVENUE
AURORA, CO 80011

SITE TYPE:

ROOFTOP

NEW SITE
BUILD



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY: —

INFINIGY®

FROM ZERO TO INFINIGY
the solutions are endless

1490 W. 121st Ave., Suite 101
Westminster, CO 80234
Office # (303) 219-1178
Fax # (303) 242-8636

JOB NUMBER 397-000

ENGINEERING LICENSE: —

[illegible]

WORK INCLUDED

1. INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, PLANT SERVICES AND ADMINISTRATIVE TASKS REQUIRED TO COMPLETE AND MAKE OPERABLE THE ELECTRICAL WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A. PREPARE AND SUBMIT SHOP DRAWINGS, DIAGRAMS AND ILLUSTRATIONS.
 - B. PROCURE ALL NECESSARY PERMITS AND APPROVALS AND PAY ALL REQUIRED FEES AND CHARGES IN CONNECTION WITH THE WORK OF THIS CONTRACT.
 - C. SUBMIT AS-BUILT DRAWINGS, OPERATING AND MAINTENANCE INSTRUCTIONS AND MANUALS.
 - D. EXECUTE ALL CUTTING, DRILLING, ROUGH AND FINISH PATCHING OF EXISTING OR NEWLY INSTALLED CONSTRUCTION REQUIRED FOR THE WORK OF THIS CONTRACT. FOR SLAB PENETRATIONS THROUGH POST TENSION SLABS, X-RAY EXACT AREA OF PENETRATION PRIOR TO PERFORMING WORK. COORDINATE ALL X-RAY WORK WITH BUILDING ENGINEER.
 - E. PROVIDE HANGERS, SUPPORTS, FOUNDATIONS, STRUCTURAL FRAMING SUPPORTS, AND BASES FOR CONDUIT AND EQUIPMENT PROVIDED OR INSTALLED UNDER THE WORK OF HIS CONTRACT. PROVIDE COUNTER FLASHING, SLEEVES AND SEALS FOR FLOOR AND WALL PENETRATIONS.
 - F. MAINTAIN ALL EXISTING ELECTRICAL SERVICES IN THE BUILDING AREAS NOT AFFECTED BY THE ALTERATION DURING THE PROGRESS OF THE WORK INCLUDING PROVIDING ALL TEMPORARY JUMPERS, CONDUITS, CAPS, PROTECTIVE DEVICES, CONNECTIONS AND EQUIPMENT REQUIRED. PROVIDE TEMPORARY LIGHT AND POWER FOR CONSTRUCTION PURPOSES.
2. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO CALL FOR AN INSTALLATION THAT IS COMPLETE IN EVERY RESPECT. IT IS NOT THE INTENT TO GIVE EVERY DETAIL ON THE DRAWINGS AND IN THE SPECIFICATIONS. IF AN ITEM OF WORK IS INDICATED IN THE DRAWINGS, IT IS CONSIDERED SUFFICIENT FOR INCLUSION IN THE CONTRACT. FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT USUALLY FURNISHED OR NEEDED TO MAKE A COMPLETE INSTALLATION WHETHER OR NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS.

GENERAL REQUIREMENTS

1. PROVIDE ALL WORK IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL AND STATE ELECTRICAL CODES.
2. THE ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT DIMENSIONS OF THE BUILDING.
3. LOAD CALCULATIONS ARE BASED ON EXISTING BUILDING INFORMATION/DRAWINGS PROVIDED TO ENGINEERING. CONTRACTOR IS TO VERIFY ALL EXISTING RATINGS AND LOADS PRIOR TO PURCHASING OF SPECIFIED EQUIPMENT FOR COMPLIANCE TO NEC. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES AND REQUEST FURTHER DIRECTION BY ENGINEER.
4. EXISTING BUILDING EQUIPMENT IS NOTED ON THE DRAWINGS. NEW OR RELOCATED EQUIPMENT IS SHOWN WITH SOLID LINES. FUTURE EQUIPMENT (NOT IN THIS CONTRACT) IS DEPICTED WITH SHADED LINES. REQUEST CLARIFICATION OF DRAWINGS OR OF SPECIFICATIONS PRIOR TO PRICING OR INSTALLATION.
5. GENERAL
 - A. AFTER CAREFULLY STUDYING THE DRAWINGS AND SPECIFICATIONS, AND BEFORE SUBMITTING THE PROPOSAL, MAKE A MANDATORY SITE VISIT TO ASCERTAIN CONDITIONS OF THE SITE, AND THE NATURE AND EXACT QUANTITY OF WORK TO BE PERFORMED. NO EXTRA COMPENSATION WILL BE ALLOWED FOR FAILURE TO NOTIFY THE OWNER, IN WRITING, OF ANY DISCREPANCIES THAT MAY HAVE BEEN NOTED BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS AND SPECIFICATIONS.
 - B. VERIFY ALL MEASUREMENTS AT THE SITE AND BE RESPONSIBLE FOR CORRECTNESS OF SAME.
6. QUALITY, WORKMANSHIP, MATERIALS AND SAFETY
 - A. PROVIDE NEW MATERIALS AND EQUIPMENT OF A DOMESTIC MANUFACTURER BY THOSE REGULARLY ENGAGED IN THE PRODUCTION AND MANUFACTURE OF SPECIFIED MATERIALS AND EQUIPMENT. WHERE UL, OR OTHER AGENCY, HAS ESTABLISHED STANDARDS FOR MATERIALS, PROVIDE MATERIALS WHICH ARE LISTED AND LABELED ACCORDINGLY. THE COMMERCIAL STANDARD ITEMS OF EQUIPMENT AND THE SPECIFIC NAMES MENTIONED HEREIN ARE INTENDED FOR THE PROPER FUNCTIONING OF THE WORK.
 - B. WORK SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE REQUIRED FOR THE WORK. INSTALL MATERIALS AND EQUIPMENT TO PRESENT A NEAT APPEARANCE WHEN COMPLETED AND IN ACCORDANCE WITH THE APPROVED RECOMMENDATIONS OF THE MANUFACTURER AND IN ACCORDANCE WITH CONTRACT DOCUMENTS.
 - C. PROVIDE LABOR, MATERIALS, APPARATUS AND APPLIANCES ESSENTIAL TO THE FUNCTIONING OF THE SYSTEMS DESCRIBED OR INDICATED HEREIN, OR WHICH MAY BE REASONABLY IMPLIED AS ESSENTIAL WHENEVER MENTIONED IN THE CONTRACT DOCUMENT OR NOT.
 - D. MAKE WRITTEN REQUESTS FOR SUPPLEMENTARY INSTRUCTIONS TO ARCHITECT/ENGINEER IN CASE OF DOUBT AS TO WORK INTENDED OR IN EVENT OF NEED FOR EXPLANATION THEREOF.
 - E. PERFORMANCE AND MATERIAL REQUIREMENTS SCHEDULED OR SPECIFIED ARE MINIMUM STANDARD ACCEPTABLE. THE RIGHT TO JUDGE THE QUALITY OF EQUIPMENT THAT DEVIATES FROM THE CONTRACT DOCUMENT REMAINS SOLELY WITH ARCHITECT/ENGINEER. CONTRACT DOCUMENT OR NOT.

GUARANTEE

1. GUARANTEE MATERIALS, PARTS AND LABOR FOR WORK FOR ONE YEAR FROM THE DATE OF ISSUANCE OF OCCUPANCY PERMIT. DURING THAT PERIOD, MAKE GOOD FAULTS OR IMPERFECTIONS THAT MAY ARISE DUE TO DEFECTS OR OMISSIONS IN MATERIALS OR WORKMANSHIP WITH NO ADDITIONAL COMPENSATION AND AS DIRECTED BY ARCHITECT.

1. REMOVE ALL CONSTRUCTION DEBRIS RESULTING FROM THE WORK.

2. CLEAN EQUIPMENT AND SYSTEMS FOLLOWING THE COMPLETION OF THE PROJECT TO THE SATISFACTION OF THE ENGINEER.

COORDINATION AND SUPERVISION

1. CAREFULLY LAY OUT ALL WORK IN ADVANCE TO AVOID UNNECESSARY CUTTING, CHANNELING, CHASING OR DRILLING OF FLOORS, WALLS, PARTITIONS, CEILINGS OR OTHER SURFACES. WHERE SUCH WORK IS NECESSARY, HOWEVER, PATCH AND REPAIR THE WORK IN AN APPROVED MANNER BY SKILLED MECHANICS AT NO ADDITIONAL COST TO THE OWNER. RENDER FULL COOPERATION TO OTHER TRADES WHERE WORK WILL BE INSTALLED IN CLOSE PROXIMITY TO WORK OF OTHER TRADES. ASSIST IN WORKING OUT SPACE CONDITIONS. IF WORK IS INSTALLED BEFORE COORDINATION WITH OTHER TRADES, OR CAUSES INTERFERENCE, MAKE CHANGES NECESSARY TO CORRECT CONDITIONS WITHOUT EXTRA CHARGE.

SUBMITTALS

1. AS-BUILT DRAWINGS:

A. UPON COMPLETION OF THE WORK, FURNISH TO THE OWNER "AS-BUILT" DRAWINGS.

2. SERVICE MANUALS:

A. UPON COMPLETION OF THE WORK, FULLY INSTRUCT T-MOBILE AS TO THE OPERATION AND MAINTENANCE OF ALL MATERIAL, EQUIPMENT AND SYSTEMS.

B. PROVIDE 3 COMPLETE BOUND SETS OF INSTRUCTIONS FOR OPERATING AND MAINTAINING ALL SYSTEMS AND EQUIPMENT.

CUTTING AND PATCHING

1. PROVIDE ALL CUTTING, DRILLING, ROUGH AND FINISH PATCHING REQUIRED TO COMPLETE THE WORK.

2. OBTAIN OWNER APPROVAL PRIOR TO CUTTING THROUGH FLOORS OR WALLS FOR PIPING OR CONDUIT.

TESTS, INSPECTION AND APPROVAL

1. BEFORE ENERGIZING ANY ELECTRICAL INSTALLATION, INSPECT EACH UNIT IN DETAIL. TIGHTEN ALL BOLTS AND CONNECTIONS (TORQUE-TIGHTEN WHERE REQUIRED) AND DETERMINE THAT ALL COMPONENTS ARE ALIGNED, AND THE EQUIPMENT IS IN SAFE, OPERATIONAL CONDITION.

2. PROVIDE THE COMPLETE ELECTRICAL SYSTEM FREE OF GROUND FAULTS AND SHORT CIRCUITS SUCH THAT THE SYSTEM WILL OPERATE SATISFACTORILY UNDER FULL LOAD CONDITIONS, WITHOUT EXCESSIVE HEATING AT ANY POINT IN THE SYSTEM.

SPECIAL REQUIREMENTS

1. DO NOT LEAVE ANY WORK INCOMPLETE NOR ANY HAZARDOUS SITUATIONS CREATED WHICH WILL AFFECT THE LIFE OR SAFETY OF THE PUBLIC AND/OR BUILDING OCCUPANTS. DO NOT INTERFERE WITH OR CUTOFF ANY OF THE EXISTING SERVICES WITHOUT THE OWNER'S WRITTEN PERMISSION.

2. WHEN NECESSARY TO TEMPORARILY DISCONNECT ANY EXISTING BUILDING UTILITIES AND SERVICE SYSTEMS, INCLUDING FEEDER OR BRANCH CIRCUITING SUPPLYING EXISTING FACILITIES, CONFER WITH THE OWNER AND ARRANGE THE PERIOD OF INTERRUPTION FOR A TIME MUTUALLY AGREED UPON.

SHUTDOWN NOTE: SCHEDULE AND NOTIFY OWNER 48 HOURS PRIOR TO SHUTDOWN. ALL SHUTDOWN WORK TO BE SCHEDULED AT A TIME CONVENIENT TO OWNER.

GROUNDING

1. ROUTE ALL GROUNDING CONDUCTORS AS SHOWN ON CONDUIT/GROUNDING RISER.

2. ROUTE 500 KCMIL CU. THHN CONDUCTOR FROM THE MGB LOCATION TO BUILDING STEEL. VERIFY BUILDING STEEL IS EFFECTIVELY GROUNDED PER NEC TO THE MAIN SERVICE GROUNDING ELECTRODE CONDUCTOR (GEC).

3. MAKE ALL GROUND CONNECTIONS FROM MGB TO ELECTRICAL EQUIPMENT WITH 2 HOLE, CRIMP TYPE, BURNDY COMPRESSION TERMINATIONS, SIZED AS REQUIRED.

4. USE 1 HOLE, CRIMP TYPE, BURNDY COMPRESSIONS TERMINATIONS, SIZED AS REQUIRED, AT EQUIPMENT GROUND CONNECTIONS.

5. HIRE AN INDEPENDENT LAB TO PERFORM THE SPECIFIED OHMS TESTING. PROVIDE 4 SETS OF THE CERTIFIED DOCUMENTS TO THE OWNER FOR VERIFICATION PRIOR TO THE PROJECT COMPLETION.

RACEWAYS

1. ALL WIRING TO BE INSTALLED IN CONDUIT SYSTEMS IN ACCORDANCE WITH THE FOLLOWING:

A. EXTERIOR FEEDERS AND CONTROL, WHERE UNDERGROUND, TO BE IN SCH 40 PVC.

B. EXTERIOR, ABOVE GROUND POWER CONDUITS TO BE GALVANIZED RIGID STEEL (RGS).

C. ALL TELECOMMUNICATION CONDUITS, INTERIOR/EXTERIOR, TO BE EMT.

ON THIS PROJECT.

E. ALL TELECOM CONDUITS AND PULL BOXES INSTALLED ON THIS PROJECT TO BE LABELED "T-MOBILE". OWNER WILL PROVIDE LABELS FOR CONTRACTOR TO INSTALL.

F. INTERIOR FEEDERS TO BE INSTALLED IN E.M.T. WITH STEEL COMPRESSION FITTINGS.

G. MINIMUM SIZE CONDUIT TO BE ¾" TRADE SIZE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

H. FINAL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT TO BE INSTALLED IN LIQUID-TIGHT FLEXIBLE METAL CONDUIT.

AREAS OR DRYWALL PARTITIONS, UNLESS OTHERWISE NOTED.

J. THE ROUTING OF CONDUITS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC. BEFORE INSTALLING ANY WORK, EXAMINE THE WORKING LAYOUTS AND SHOP DRAWINGS OF THE OTHER TRADES TO DETERMINE THE EXACT LOCATIONS AND CLEARANCES.

K. ALL EXTERIOR MOUNTING HARDWARE TO BE GALVANIZED STEEL. COORDINATE WITH BUILDING ENGINEER PRIOR TO ATTACHING TO BUILDING STRUCTURE.

L. PENETRATIONS OF WALLS, FLOORS AND ROOFS, FOR THE PASSAGE OF ELECTRICAL RACEWAYS, TO BE PROPERLY SEALED AFTER INSTALLATION OF RACEWAYS SO AS TO MAINTAIN THE STRUCTURAL OR WATERPROOF INTEGRITY OF THE WALL, FLOOR OR ROOF SYSTEM TO BE PENETRATED. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE OR SMOKE RATED WALLS, CEILINGS OR SMOKE TIGHT CORRIDOR PARTITIONS TO MAINTAIN PROPER RATING OF WALL OR CEILING.

M. PROVIDE ALL CONDUIT ENDS WITH INSULATED METALLIC GROUNDING BUSHINGS.

N. CONDUIT TO BE SUPPORTED AT MAXIMUM DISTANCE OF 8'-0", OR AS REQUIRED BY NEC, IN HORIZONTAL AND VERTICAL DIRECTIONS.

O. PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR ALL JUNCTION BOXES AND/OR OUTLET BOXES NOT USED IN EXPOSED AREAS. PROVIDE ALL OTHER UNUSED BOXES WITH STANDARD STEEL COVER PLATES.

P. WHERE APPLICABLE, PROVIDE ROOFTOP CONDUIT SUPPORT SYSTEM, CONFORMING TO ROOFTOP WARRANTY REQUIREMENTS, PER BUILDING.

WIRES AND CABLES

1. CONTRACTOR TO COORDINATE WITH EQUIPMENT SUPPLIER AND VENDOR FOR EXACT EQUIPMENT OVER-CURRENT PROTECTION VOLTAGE, WIRE SIZE AND PLUG CONFIGURATION, IF APPLICABLE, PRIOR TO BID.
2. ALL EQUIPMENT/DEVICES TO BE PROVIDED WITH INSULATED GROUND CONDUCTOR.
3. ALL WIRE AND CABLE TO BE 600VOLT, COPPER, WITH THWN/THHN INSULATION, EXCEPT AS NOTED.
4. WIRE FOR POWER AND LIGHTING WILL NOT BE LESS THAN NO. 12AWG. ALL WIRE NO. 8 AND LARGER TO BE STRANDED.
5. CONTROL WIRING IS NOT TO BE LESS THAN NO. 14AWG, FLEXIBLE IN SINGLE CONDUCTORS OR MULTI-CONDUCTOR CABLES. CONTROL WIRING WILL CONSIST OF MULTI-CONDUCTOR CABLES WHEREVER POSSIBLE. CABLES TO BE PROVIDED WITH AN OVERALL FLAME-RETARDANT, EXTRUDED JACKET AND RATED FOR PLENUM USE. ALL CONTROL WIRE TO BE 600VOLT RATED.
6. WIRE PREVIOUSLY PULLED INTO CONDUIT IS CONSIDERED USED AND IS NOT TO BE RE-PULLED.
7. HOME RUNS AND BRANCH CIRCUIT WIRING FOR 20A, 120V CIRCUITS:

LENGTH (FT.)	HOME RUN WIRE SIZE
0 TO 50	NO. 12
51 TO 100	NO. 10
101 TO 150	NO. 8

8. VOLTAGE DROP IS NOT TO EXCEED 3%.
9. MAKE ALL CONNECTIONS WITH UL APPROVED, SOLDERLESS, PRESSURE TYPED INSULATED CONNECTORS: SCOTCHLOK OR AND APPROVED EQUAL.

WIRING DEVICES

1. ALL RECEPTACLES INSTALLED IN THIS PROJECT TO BE GROUNDING TYPE, WITH GROUNDING PIN SLOT CONNECTED TO DEVICE GROUND SCREW FOR GROUND WIRE CONNECTION.

DISCONNECT SWITCHES AND FUSES

1. DISCONNECT SWITCHES TO BE VOLTAGE-RATED TO SUIT THE CHARACTERISTICS OF THE SYSTEM FROM WHICH THEY ARE SUPPLIED.
2. PROVIDE HEAVY-DUTY, METAL-ENCLOSED, EXTERNALLY-OPERATE DISCONNECT SWITCHES, FUSED OR UNFUSED, OF SUCH TYPE AND SIZE AS REQUIRED TO PROPERLY PROTECT OR DISCONNECT THE LOAD FOR WHICH THEY ARE INTENDED.
3. PROVIDE NEMA 1 DISCONNECT SWITCHES FOR INTERIOR INSTALLATION, NEMA 3R FOR EXTERIOR INSTALLATION.
4. DISCONNECT SWITCHES TO BE MANUFACTURED BY:
A. GENERAL ELECTRIC COMPANY
B. SQUARE-D
5. PROVIDE RK-1 TYPE FUSES, UNLESS NOTED OTHERWISE.

INSTALLATION

1. INSTALL DISCONNECT SWITCHES WHERE INDICATED ON DRAWINGS.
2. INSTALL FUSES IN FUSIBLE DISCONNECT SWITCHES. FUSES MUST MATCH IN TYPE AND RATING.
3. FUSES TO BE MOUNTED SO THAT THE LABELS SHOWING THEIR RATINGS CAN BE READ WITHOUT REQUIRING FUSE REMOVAL.
4. FURNISH AND DEPOSIT SPARE FUSES AT THE JOB SITE AS FOLLOWS:
A. THREE SPARES FOR EACH TYPE AND SIZE, IN EXCESS OF 60A, USED FOR INITIAL FUSING.
B. TEN PERCENT SPARES FOR EACH TYPE AND SIZE, UP TO AND INCLUDING 60A, USED FOR INITIAL FUSING. IN NO CASE WILL LESS THAN THREE FUSES OF ONE PARTICULAR TYPE AND SIZE BE FURNISHED.

CONFLICTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATIONS OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSION WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE OWNER FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS.
2. THE BIDDER, IF AWARDED THE CONTRACT, WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING CONCERNING SUCH BIDDER MIGHT HAVE FULLY INFORMED THEMSELVES PRIOR TO THE BIDDING.
3. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES OR CONDITIONS THAT MAY BE ENCOUNTERED, OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED IN THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS GOVERNING THE WORK.

1. CONTRACTOR IS RESPONSIBLE FOR APPLICATION AND PAYMENT OF CONTRACTOR LICENSES AND BONDS.

2. SEE MASTER CONTRACTION SERVICES AGREEMENT FOR ADDITIONAL DETAILS.

STORAGE

1. ALL MATERIALS MUST BE STORED IN A LEVEL AND DRY FASHION AND IN A MANNER THAT DOES NOT NECESSARILY OBSTRUCT THE FLOW OF OTHER WORK. ANY STORAGE METHOD MUST MEET ALL RECOMMENDATIONS OF THE ASSOCIATED MANUFACTURER.

CLEANUP

1. THE CONTRACTORS SHALL, AT ALL TIMES, KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THEIR EMPLOYEES AT WORK AND AT THE COMPLETION OF THE WORK, THEY SHALL REMOVE ALL RUBBISH FROM AND ABOUT THE BUILDING AREA, INCLUDING ALL THEIR TOOLS, SCAFFOLDING AND SURPLUS MATERIALS AND SHALL LEAVE THEIR WORK CLEAN AND READY TO USE.

2. EXTERIOR

A. VISUALLY INSPECT EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIALS, SMUDGES AND OTHER FOREIGN MATTER.

B. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.

C. IF NECESSARY, TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE.

3. INTERIOR

A. VISUALLY INSPECT INTERIOR SURFACE AND REMOVE ALL TRACES OF SOIL, WASTE MATERIALS, SMUDGES AND OTHER FOREIGN MATTER FROM WALLS, FLOOR, AND CEILING.

B. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.

C. REMOVE PAINT DROPPINGS, SPOTS, STAINS, AND DIRT FROM FINISHED SURFACES.

CHANGE ORDER PROCEDURE:

1. REFER TO SECTION 17 OF SIGNED MCSA: SEE PROFESSIONAL SERVICE AGREEMENT FOR MCSA.

RELATED DOCUMENTS AND COORDINATION

1. GENERAL CARPENTRY, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED. IN PERFORMANCE OF THE WORK, THE CONTRACTOR MUST REFER TO ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

SHOP DRAWINGS

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS TO THE OWNER FOR APPROVAL.

2. ALL SHOP DRAWINGS SHALL BE REVIEWED, CHECKED AND CORRECTED BY CONTRACTOR PRIOR TO SUBMITTAL TO THE OWNER.

PRODUCTS AND SUBSTITUTIONS

1. SUBMIT 3 COPIES OF EACH REQUEST FOR SUBSTITUTION. IN EACH REQUEST, IDENTIFY THE PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION. INCLUDE RELATED SPECIFICATION SECTION AND DRAWING NUMBERS AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.

2. SUBMIT ALL NECESSARY PRODUCT DATA AND CUT SHEETS WHICH PROPERLY INDICATE AND DESCRIBE THE ITEMS, PRODUCTS AND MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL, IF DEEMED NECESSARY BY THE OWNER, SUBMIT ACTUAL SAMPLES TO THE OWNER FOR APPROVAL IN LIEU OF CUT SHEETS.

QUALITY ASSURANCE

1. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THESE SHALL INCLUDE, BUT NOT BE LIMITED TO THE APPLICABLE CODES SET FORTH BY THE LOCAL GOVERNING BODY. SEE "CODE COMPLIANCE" T-1.

ADMINISTRATION

1. BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR WILL ASSIGN A PROJECT MANAGER WHO WILL ACT AS A SINGLE POINT OF CONTACT FOR ALL PERSONNEL INVOLVED IN THIS PROJECT. THIS PROJECT MANAGER WILL DEVELOP A MASTER SCHEDULE FOR THE PROJECT WHICH WILL BE SUBMITTED TO THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.

2. SUBMIT A BAR TYPE PROGRESS CHART, NOT MORE THAN 3 DAYS AFTER THE DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK ON THE SCHEDULE, INDICATING A TIME BAR FOR EACH MAJOR CATEGORY OR UNIT OF WORK TO BE PERFORMED AT THE SITE, PROPERLY SEQUENCED AND COORDINATED WITH OTHER ELEMENTS OF WORK AND SHOWING COMPLETION OF THE WORK SUFFICIENTLY IN ADVANCE OF THE DATE ESTABLISHED FOR SUBSTANTIAL COMPLETION OF THE WORK.

3. PRIOR TO COMMENCING CONSTRUCTION, THE OWNER SHALL SCHEDULE AN ON-SITE MEETING WITH ALL MAJOR PARTIES. THIS WOULD INCLUDE, BUT NOT LIMITED TO, THE OWNER, PROJECT MANAGER, CONTRACTOR, LAND OWNER REPRESENTATIVE, LOCAL TELEPHONE COMPANY, TOWER ERECTION FOREMAN (IF SUBCONTRACTED).

4. CONTRACTOR SHALL BE EQUIPPED WITH SOME MEANS OF CONSTANT COMMUNICATIONS, SUCH AS A MOBILE PHONE OR A BEEPER. THIS EQUIPMENT WILL NOT BE SUPPLIED BY THE OWNER, NOR WILL WIRELESS SERVICE BE ARRANGED.

5. DURING CONSTRUCTION, CONTRACTOR MUST ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES. CONTRACTOR WILL COMPLY WITH ALL WPCS SAFETY REQUIREMENTS IN THEIR AGREEMENT.

6. PROVIDE WRITTEN DAILY UPDATES ON SITE PROGRESS TO THE OWNER.

7. COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.

8. NOTIFY THE OWNER/PROJECT MANAGER IN WRITING NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, TOWER ERECTIONS, AND EQUIPMENT CABINET PLACEMENTS.

CONTRACTOR, AT THEIR OWN EXPENSE, SHALL CARRY AND MAINTAIN, FOR THE DURATION OF THE PROJECT, ALL INSURANCE, AS REQUIRED AND LISTED, AND SHALL NOT COMMENCE WITH THEIR WORK UNTIL THEY HAVE PRESENTED AN ORIGINAL CERTIFICATE OF INSURANCE STATING ALL COVERAGES TO THE OWNER. REFER TO THE MASTER AGREEMENT FOR REQUIRED INSURANCE LIMITS.	
2. THE OWNER SHALL BE NAMED AS AN ADDITIONAL INSURED ON ALL POLICIES.	
3. CONTRACTOR MUST PROVIDE PROOF OF INSURANCE.	
GENERAL NOTES:	
INTENT	
1. THESE SPECIFICATIONS AND CONSTRUCTION DRAWINGS ACCOMPANYING THEM DESCRIBE THE WORK TO BE DONE AND THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION.	
2. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED, OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH.	
3. THE INTENTION OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.	
4. THE PURPOSE OF THE SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK. CONTRACTOR SHALL VERIFY ALL MEANS, METHODS, AND MATERIALS NEEDED PRIOR TO ANY CONSTRUCTION.	
5. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED AS PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE MADE OR PERMITTED BY THE OWNER WITHOUT ISSUING A CHANGE ORDER.	
ABBREVIATIONS	
ADJ	ADJUSTABLE
AGL	ABOVE GROUND LINE
&	AND
APPROX	APPROXIMATE
Ø	AT
BTS	BASE TRANSMISSION STATION
CAB	CABINET
CLG	CEILING
CONC	CONCRETE
CONT	CONTINUOUS
DIA OR Ø	DIAMETER
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EGB	EQUIPMENT GROUND BAR
(E)	EXISTING
EXT	EXTERIOR
FF	FINISHED FLOOR
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GRND	GROUND
LG	LONG
MAX	MAXIMUM
MECH	MECHANICAL
MW	MICROWAVE DISH
MFR	MANUFACTURER
MGB	MASTER GROUND BAR
MIN	MINIMUM
MTL	METAL
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
(P)	PROPOSED
PCS	PERSONAL COMMUNICATION SYSTEM
PPC	POWER PROTECTION CABINET
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SS	STAINLESS STEEL
STL	STEEL
TOC	TOP OF CONCRETE
TOM	TOP OF MASONRY
TYP	TYPICAL
VF	VERIFY IN FIELD
UON	UNLESS OTHERWISE NOTED
WWF	WELDED WIRE FABRIC
W/W	W/

INTENT

1. THESE SPECIFICATIONS AND CONSTRUCTION DRAWINGS ACCOMPANYING THEM DESCRIBE THE WORK TO BE DONE AND THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION.

2. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED, OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH.

3. THE INTENTION OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.

4. THE PURPOSE OF THE SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK. CONTRACTOR SHALL VERIFY ALL MEANS, METHODS, AND MATERIALS NEEDED PRIOR TO ANY CONSTRUCTION.

5. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED AS PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE MADE OR PERMITTED BY THE OWNER WITHOUT ISSUING A CHANGE ORDER.

1. REFER TO SECTION 17 OF SIGNED MCSA: SEE PROFESSIONAL SERVICE AGREEMENT FOR MCSA.

RELATED DOCUMENTS AND COORDINATION

1. GENERAL CARPENTRY, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED. IN PERFORMANCE OF THE WORK, THE CONTRACTOR MUST REFER TO ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

SHOP DRAWINGS

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS TO THE OWNER FOR APPROVAL.

2. ALL SHOP DRAWINGS SHALL BE REVIEWED, CHECKED AND CORRECTED BY CONTRACTOR PRIOR TO SUBMITTAL TO THE OWNER.

PRODUCTS AND SUBSTITUTIONS

1. SUBMIT 3 COPIES OF EACH REQUEST FOR SUBSTITUTION. IN EACH REQUEST, IDENTIFY THE PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION. INCLUDE RELATED SPECIFICATION SECTION AND DRAWING NUMBERS AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.
2. SUBMIT ALL NECESSARY PRODUCT DATA AND CUT SHEETS WHICH PROPERLY INDICATE AND DESCRIBE THE ITEMS, PRODUCTS AND MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL, IF DEEMED NECESSARY BY THE OWNER, SUBMIT ACTUAL SAMPLES TO THE OWNER FOR APPROVAL IN LIEU OF CUT SHEETS.

1. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THESE SHALL INCLUDE, BUT NOT BE LIMITED TO THE APPLICABLE CODES SET FORTH BY THE LOCAL GOVERNING BODY. SEE "CODE COMPLIANCE" T-1.

1. BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR WILL ASSIGN A PROJECT MANAGER WHO WILL ACT AS A SINGLE POINT OF CONTACT FOR ALL PERSONNEL INVOLVED IN THIS PROJECT. THIS PROJECT MANAGER WILL DEVELOP A MASTER SCHEDULE FOR THE PROJECT WHICH WILL BE SUBMITTED TO THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. SUBMIT A BAR TYPE PROGRESS CHART, NOT MORE THAN 3 DAYS AFTER THE DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK ON THE SCHEDULE, INDICATING A TIME BAR FOR EACH MAJOR CATEGORY OR UNIT OF WORK TO BE PERFORMED AT THE SITE, PROPERLY SEQUENCED AND COORDINATED WITH OTHER ELEMENTS OF WORK AND SHOWING COMPLETION OF THE WORK SUFFICIENTLY IN ADVANCE OF THE DATE ESTABLISHED FOR SUBSTANTIAL COMPLETION OF THE WORK.
3. PRIOR TO COMMENCING CONSTRUCTION, THE OWNER SHALL SCHEDULE AN ON-SITE MEETING WITH ALL MAJOR PARTIES. THIS WOULD INCLUDE, BUT NOT LIMITED TO, THE OWNER, PROJECT MANAGER, CONTRACTOR, LAND OWNER REPRESENTATIVE, LOCAL TELEPHONE COMPANY, TOWER ERECTION FOREMAN (IF SUBCONTRACTED).
4. CONTRACTOR SHALL BE EQUIPPED WITH SOME MEANS OF CONSTANT COMMUNICATIONS, SUCH AS A MOBILE PHONE OR A BEEPER. THIS EQUIPMENT WILL NOT BE SUPPLIED BY THE OWNER, NOR WILL WIRELESS SERVICE BE ARRANGED.
5. DURING CONSTRUCTION, CONTRACTOR MUST ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES. CONTRACTOR WILL COMPLY WITH ALL WPCS SAFETY REQUIREMENTS IN THEIR AGREEMENT.
6. PROVIDE WRITTEN DAILY UPDATES ON SITE PROGRESS TO THE OWNER.
7. COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.
8. NOTIFY THE OWNER/PROJECT MANAGER IN WRITING NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, TOWER ERECTIONS, AND EQUIPMENT CABINET PLACEMENTS.

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Office # (303) 219-1178
Fax # (303) 242-8636

JOB NUMBER 397-000

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REVISIONS:			
DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DDB	B
ISSUED FOR ZONING	09/19/17	CKE	A

<p>COLORADO MARKETING CENTER</p>	
■ T-MOBILE SITE #:	
<p>DN01529B</p>	

14707 E. 2ND AVENUE
AURORA, CO 80011

T-MOBILE SPECIFICATIONS

SP-1

SURVEYOR'S CERTIFICATE

I hereby certify to: Infinigy, LLC and US Title Solutions, that on September 19, 2017, a topographic survey was conducted under my supervision using the normal standard of care of Professional Land Surveyors and the map hereon accurately represents said survey, to the best of my knowledge.

This drawing does not represent a Land Survey, Land Survey Plat, Improvement Land Survey Plat or Improvement Location Certificate and any monuments or boundary lines shown are for information only and are not to be relied on.

This survey relied upon a US Title Solutions Report of Title File No. 58013-C01708-5034 for legal descriptions and easements, at the clients request.

This survey does not constitute a title search by this surveyor or Daley Land Surveying, Inc. of the property shown and described hereon to determine:

1. Ownership of this tract of land.
2. Rights-of-way, easements and encumbrances recorded or unrecorded affecting this tract of land.
3. Compatibility of this description with those of adjacent tracts of land.

Job No. 1606-021
For and on behalf of
Daley Land Surveying, Inc.
17011 Lincoln Ave., #361
Parker CO. 80134
303 953 9841
Robert Daley, PLS 35597

SURVEYOR'S NOTES:

BASIS OF BEARINGS:

The bearings shown on this survey are referenced to the south line of Lots 6 and 7, Block 2, Sable Office Park Subdivision Filing No. 2, as corrected by Affidavit of Correction Recorded May 4, 1982 in Book 3619, County of Arapahoe, State of Colorado, assumed to bear South 89°38'57" West, 515.45 feet (South 89°41'06" West, 515.46 feet per plat), monumented as shown hereon.

COORDINATE SYSTEM AND DATUM:

Horizontal coordinates are referenced to NAD83. Vertical datum is NAVD88 and originates from the local C.O.R.S. network, utilizing the Geoid12A model.

UTILITIES:

The utilities which are readily visible upon the ground, such as manholes, power and light poles, inlets, etc. were located by field surveys and shown hereon. Sub-surface utilities, if shown, are the result of field surveys of utility location marks provided by others.

FLOOD ZONE:

Zone X, Areas determined to be outside the 0.2% annual chance floodplain per FEMA Flood Insurance Rate Map 08005C0177K, Panel 177 of 725, Map Revision date of December 17, 2010.

LEGAL DESCRIPTION PARENT TRACT (Reception No. 2017000043871:

Report of Title US Title Solutions File No. 58013-C01708-5034.

Per Reception No. D6125600 and D6133279 of the records in the clerk and Recorder's Office of Arapahoe County, Colorado.

The land referred to in this report is described as follows:

Lots 6, 7 and 8, Block 2, Sable Office Park Subdivision Filing No. 2, as corrected by Affidavit of Correction Recorded May 4, 1982 in Book 3619, County of Arapahoe, State of Colorado.

ITEMS LISTED IN REPORT OF TITLE:

1. Taxes, tax liens, tax sales, water rates, sewer and assessments set forth in schedule herein. **Not survey related**
2. Mortgages returned herein. (-0-). See Separate Mortgage Schedule. **Not survey related**
3. Any state of facts which an accurate survey might show or survey exceptions set forth herein. **Shown hereon, if any**
4. Rights of tenants or person in possession. **Not survey related**

(Judgments, Liens and UCC)

5. Statement of Lien Haynes Mechanical Systems Inc., from, v Avi & Orna Lavian, to, dated as of 1/28/2010 recorded 1/28/2010 in Instrument No. 00009035. **Not survey related**
6. Statement of Lien Raul Aguilar and Associates, LLC, from, v Avi & Orna Lavian, to, recorded 4/21/ 2010 in Instrument No: 00037878. **Not survey related**
7. Notice Extending Time to File Lien Statement Western States Fire Protection Company, from, v Avi Lavian et al, to, recorded 11/5/2015 in Instrument No. 05127667. **Not survey related**
8. Statement of Lien Western States Fire Protection Company, from, v Avi Lavian et al, to, recorded 11/17/2015 in Instrument No. 05131830. **Not survey related**

(Covenants/Restrictions)

9. Declaration of Planned Building Group by Shelter America Corporation, a Colorado corporation dated as of 3/10/1982 recorded 6/1/1982 in Instrument No. 2173212. **Blanket in nature**
10. Declaration of Planned Building Group by Shelter America Corporation, a Colorado corporation dated as of 4/25/1983 recorded 8/ 18/1983 in Instrument No. 2314206. **Blanket in nature**
11. Covenant by Shelter America Corporation dated as of 3/10/1982 in Instrument No. 2173201. **Blanket in nature**
12. Declaration of Covenants, Conditions and Restrictions of Sable Office Park by Field Corporation recorded 6/30/1986 in Instrument No. 2687816. **Not survey related**

(Easements and Right of Way)

13. Easement by Shelter America Corporation to The City of Aurora, dated 5/20/1982 recorded 6/1/1982 in Instrument No: 2173207. **Shown hereon**
14. Easement by Shelter America Corporation to The City of Aurora, dated 5/20/1982 recorded 6/1/1982 in Instrument No. 2173210. Notes: Fire Lane Easement **Shown hereon**
15. Easement by Shelter America Corporation and Field Corporation to The City of Aurora, dated 7/1/1982 recorded 7/12/1982 in Instrument No. 2185210. **Shown hereon**
16. Easement by Shelter America Corporation to The City of Aurora, dated 7/26/1982 recorded 8/26/1982 in Instrument No. 2198426. Notes: Fire Lane Easement **Shown hereon**
17. Easement by Shelter America Corporation to Public Service Company of Colorado and The Mountain States Telephone and Telegraph Company, dated 12/14/1982 recorded 12/17/1982 in Instrument No. 2230357. Notes: Utility Easement **Shown hereon**
18. Easement by Shelter America Corporation to Public Service Company of Colorado and The Mountain States Telephone and Telegraph Company, dated 12/30/1982 recorded 1/28/1983 in Instrument No. 2242581. Notes: Utility Easement **Shown hereon**
19. Easement by Field Corporation to Public Service Company of Colorado recorded 4/12/1989 in Instrument No. 3077310. Note: Public Service Company of Colorado Utility Easement; Lot 9 - provided for reference only **Temporary Construction Easement expired in 1997 Affects Lot 9 and not the subject parcel**
20. Easement by Sattler-Mancini Partnership, a Colorado general partnership to The City of Aurora, Colorado recorded 7/19/1995 in Instrument No. 00070530. Notes: Temporary Construction Easement Lot 9 - provided for reference only **Affects Lot 9 and not the subject parcel**

(Other Filed Documents)

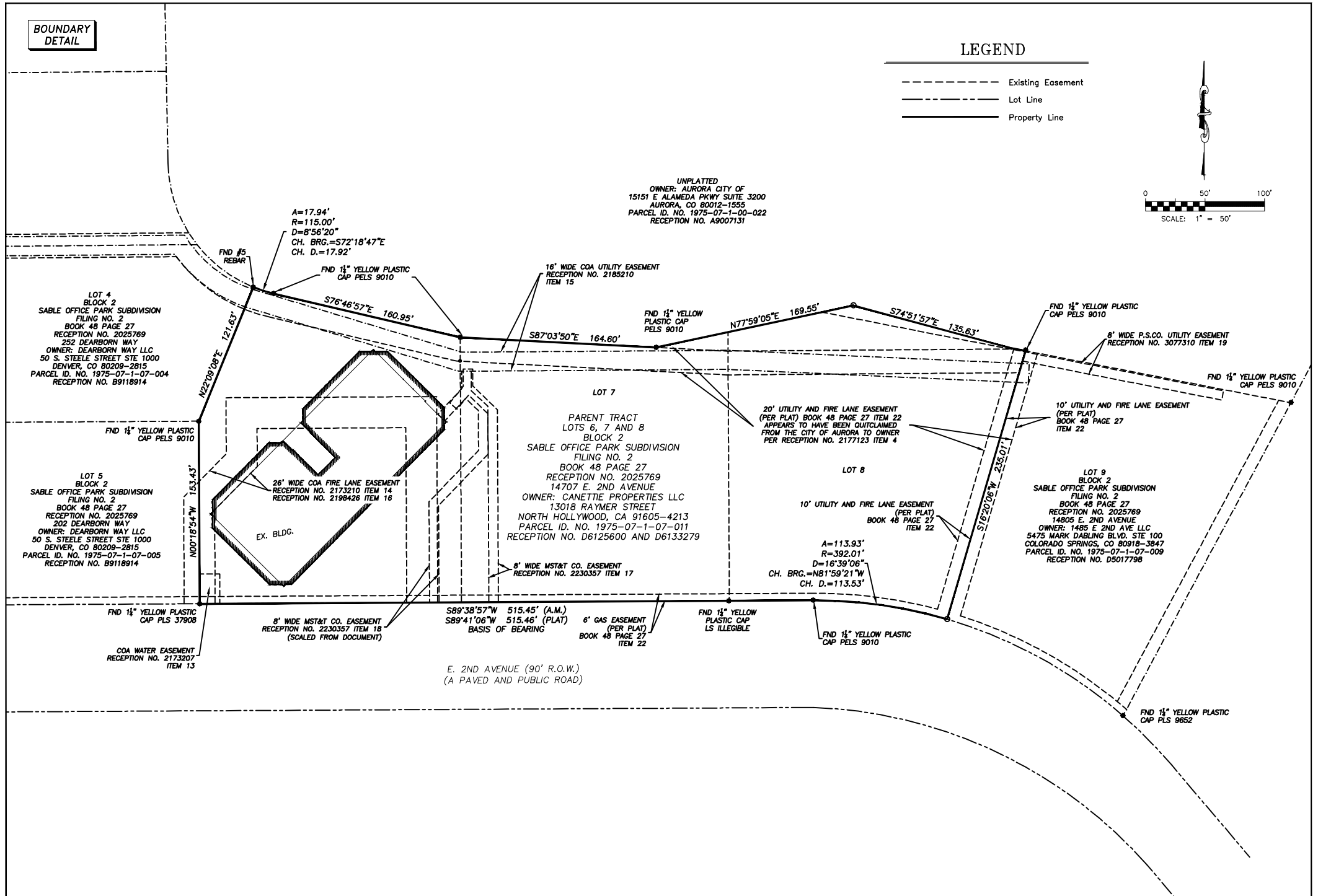
21. Annexation Agreement between City of Aurora and Midas Land and Cattle Company, Inc., a Colorado corporation and Chambersix Associates, a Limited Partnership, by Charles E. Dimit, General Partner dated 11/ 26/1973 recorded 12/12/1973 in Instrument No. 1898137 Notes: Please see Addendum in Instrument No. 1601235 and 1687981. **Blanket in nature**
22. Sable Office Park Subdivision Filing No. 2 recorded 12/8/1980 in Book 48 Page 27 Notes: A better copy of this plat has been requested, we will forward upon receipt. **Shown hereon**
23. Affidavit of Correction recorded 5/4/1982 in Instrument No. 2166422. **Shown hereon**
24. Site Plan recorded 6/1/1982 in Instrument No. 2173188. Pease see Amendment in Instrument No. 2310312. **Blanket in nature**
25. Affidavit of Correction recorded 12/2/1998 in Instrument No. A8194834. **Blanket in nature**
26. Memorandum of Lease between C.M.D. Associates, a Colorado Limited Liability Company and Columbia College dated 10/14/1999 recorded 11/15/1999 in Instrument No. A9182465. **Not survey related**

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TOPOGRAPHIC SURVEY
T-MOBILE SITE DN01529B – COLORADO MARKETING CENTER
SITUATED IN THE NORTHEAST QUARTER OF SECTION 7,
TOWNSHIP 4 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
COUNTY OF ARAPAHOE, STATE OF COLORADO

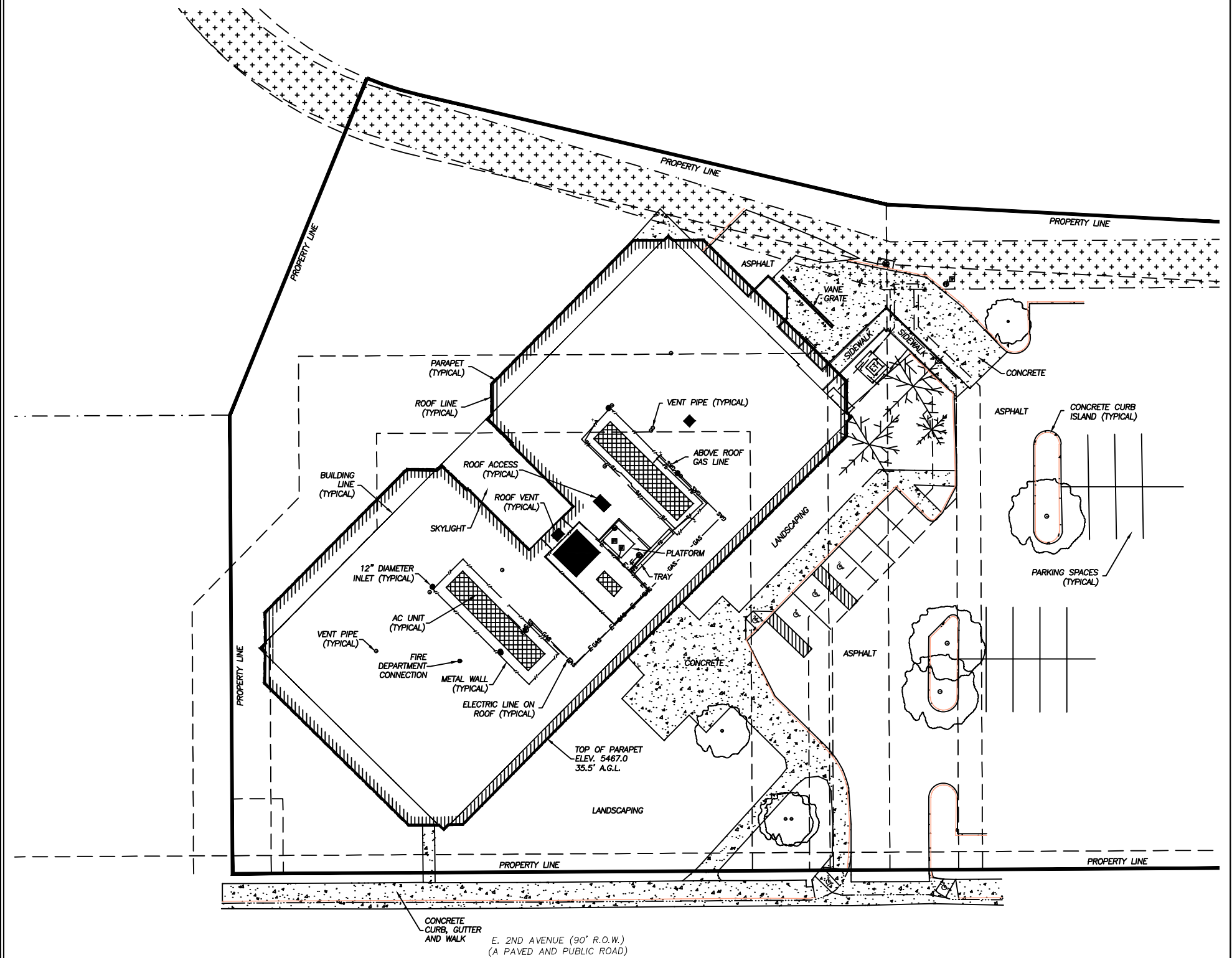


Rev:	Date:	Descri ^{ti} on:	B ^o
1	9/21/17	Survey	AV

PROJECT INFORMATION:		
SITE NAME:	COLORADO MARKETING CENTER	
SITE ADDRESS:	14707 E. 2ND AVENUE AURORA, COLORADO 80011	
T-MOBILE SITE :	DN01529B	
DRAWN BY:	CH ^o BY:	APV BY:
AV	RD	RD

LAND SURVEY
Sheet Number:
LS1

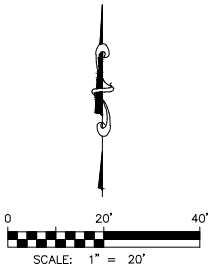
SITE
DETAIL



TOPOGRAPHIC SURVEY
T-MOBILE SITE DN01529B
COLORADO MARKETING CENTER
SITUATED IN THE NORTHEAST QUARTER OF SECTION 7,
TOWNSHIP 4 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
COUNTY OF ARAPAHOE, STATE OF COLORADO

LEGEND

- | | |
|--------------------------|------------------------------------|
| ○ Bush | ⛔ Water Valve |
| ⦿ Fire Hydrant | ☀ Coniferous Tree |
| ♿ Handicap | ⊙ Deciduous Tree |
| ⊠ Irrigation Control Box | --- Right of Way Line |
| ♂ Sign | --- Lot Line |
| ☀ Light Pole | --- Building |
| ⚡ Power Pole | --- Edge of Asphalt |
| ⛞ Water Meter | --- Edge of Concrete |
| ⊙ Sanitary Manhole | --- Flowline |
| ⊙ Storm Manhole | --- FD --- Underground Fiber Optic |
| ⊠ Cable Box | --- OE --- Overhead Electric |
| ⊠ Electric Box | --- UE --- Underground Electric |
| ⊠ Telephone Pedestal | --- UT --- Underground Telephone |
| | --- UG --- Underground Gas |



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surveying, inc.*
17011 1/2 Lincoln Ave #381
parker, co 80134

Rev:	Date:	Description:	By:
1	9/21/17	Survey	AV

PROJECT INFORMATION:

SITE NAME: COLORADO MARKETING CENTER
SITE ADDRESS: 14707 E. 2ND AVENUE
AURORA, COLORADO 80011
T-MOBILE SITE : DN01529B

DRAWN BY:	CH BY:	APV BY:
AV	RD	RD

LAND SURVEY
Sheet Number:

LS2

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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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REVISIONS:			
DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

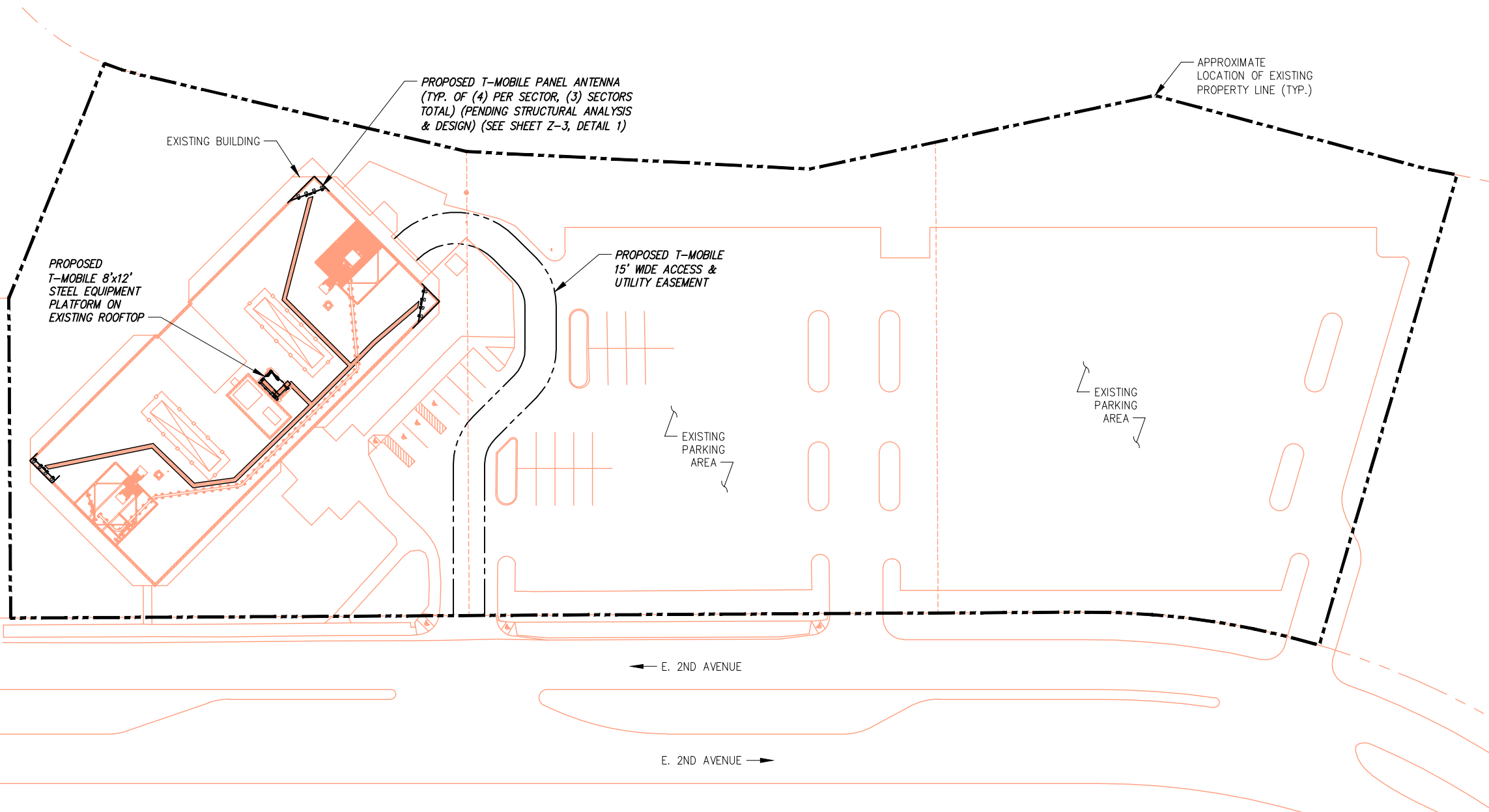
14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

OVERALL SITE PLAN

SHEET NUMBER:

Z-1



INFORMATION CONTAINED WITHIN DRAWINGS IS BASED ON PROVIDED INFORMATION, A FIELD SURVEY PREPARED BY DALEY LAND SURVEYING, INC., DATED 09/21/17 AND BUILDING PLANS BY PAHL-PAHL-PAHL ARCHITECTS/PLANNERS, DATED 07/30/82

GRAPHIC SCALE



OVERALL SITE PLAN

SCALE: AS NOTED

1

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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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REVISIONS:

DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

14707 E. 2ND AVENUE
AURORA, CO 80011

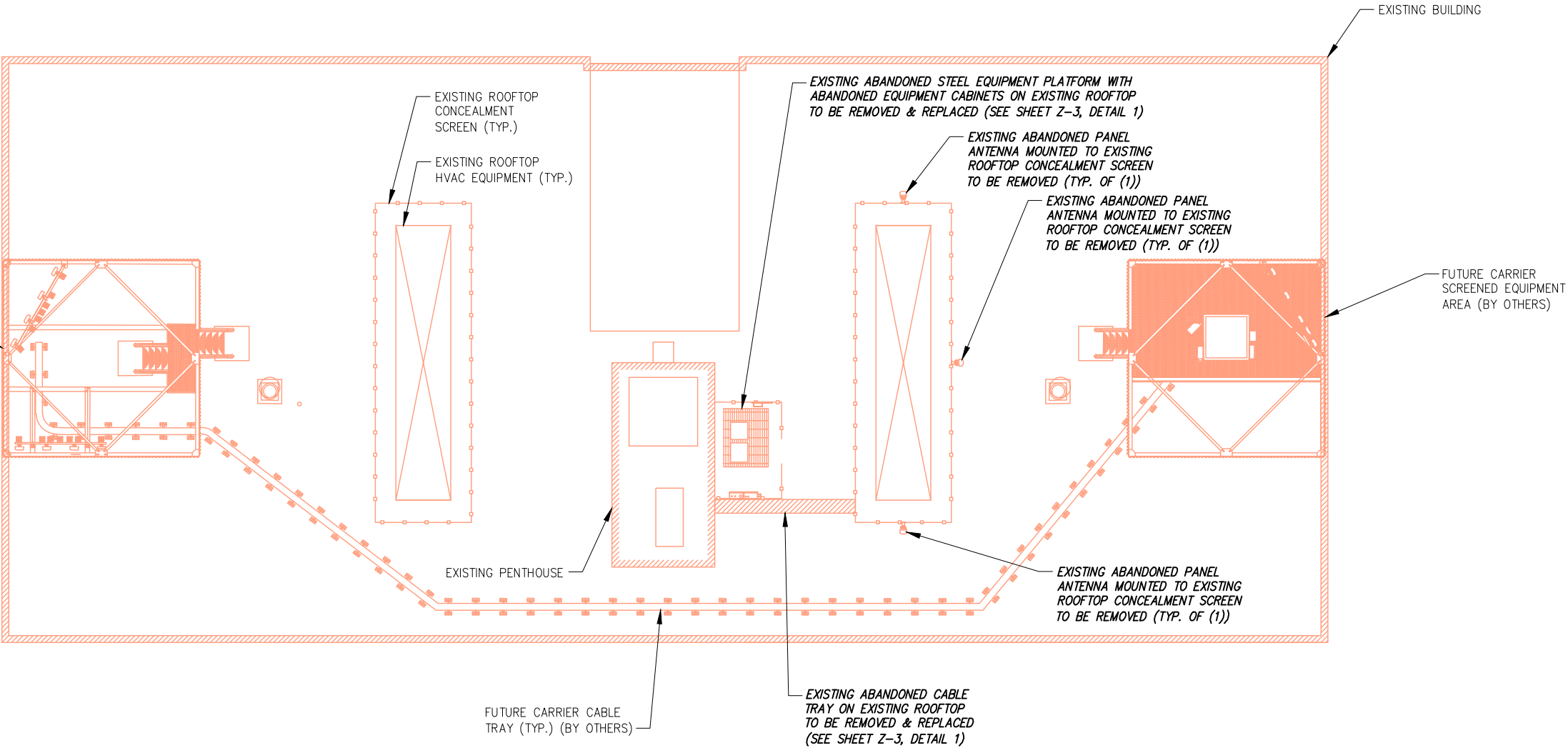
SHEET DESCRIPTION:

ROOFTOP PLAN
(EXISTING)

SHEET NUMBER:

Z-2

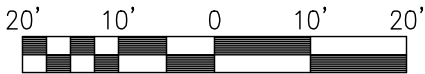
FUTURE CARRIER
SCREENED EQUIPMENT
AREA (BY OTHERS)



INFORMATION CONTAINED WITHIN DRAWINGS IS BASED ON PROVIDED INFORMATION, A FIELD SURVEY PREPARED BY DALEY LAND SURVEYING, INC., DATED 09/21/17 AND BUILDING PLANS BY PAHL-PAHL-PAHL ARCHITECTS/PLANNERS, DATED 07/30/82



GRAPHIC SCALE



SCALE: 22"x34" SHEET 1"= 10'

SCALE: 11"x17" SHEET 1"= 20'

ROOFTOP PLAN (EXISTING)

SCALE: AS NOTED

1

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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

ROOFTOP PLAN
(PROPOSED)

SHEET NUMBER:

Z-3

PROPOSED T-MOBILE
ANTENNA ON PIPE MOUNT
BEHIND SCREEN WALL (TYP.
OF 4), GAMMA SECTOR)
(PENDING STRUCTURAL
ANALYSIS & DESIGN) (SEE
SHEET Z-4, DETAIL 4)

PROPOSED T-MOBILE ANTENNA ON PIPE MOUNT
BEHIND SCREEN WALL (TYP. OF 4), ALPHA
SECTOR) (PENDING STRUCTURAL ANALYSIS &
DESIGN) (SEE SHEET Z-4, DETAIL 2)

(1) NEW T-MOBILE HI-CAP HYBRID
CABLE ROUTED WITHIN NEW CABLE
TRAY TO PROPOSED T-MOBILE
ALPHA SECTOR EQUIPMENT

PROPOSED T-MOBILE 8'x12' STEEL
EQUIPMENT PLATFORM WITHIN EXISTING
CONCEALMENT SCREEN ON EXISTING
ROOFTOP (SEE SHEET Z-9, DETAIL 4)

PROPOSED
T-MOBILE ROOFTOP
CABLE TRAY (TYP.)

(1) NEW T-MOBILE HI-CAP HYBRID CABLE
ROUTED WITHIN NEW CABLE TRAY TO PROPOSED
T-MOBILE GAMMA SECTOR EQUIPMENT

(1) NEW T-MOBILE HI-CAP
HYBRID CABLE ROUTED
WITHIN NEW CABLE TRAY
TO PROPOSED T-MOBILE
BETA SECTOR EQUIPMENT

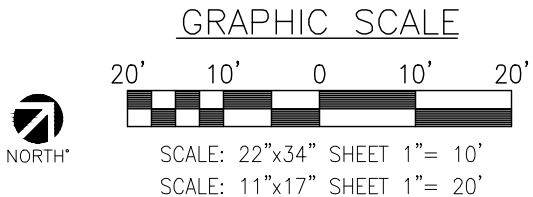
PROPOSED T-MOBILE ANTENNA ON
PROPOSED PIPE MOUNT BEHIND SCREEN
WALL (TYP. OF 4), BETA SECTOR)
(PENDING STRUCTURAL ANALYSIS &
DESIGN) (SEE SHEET Z-4, DETAIL 1)

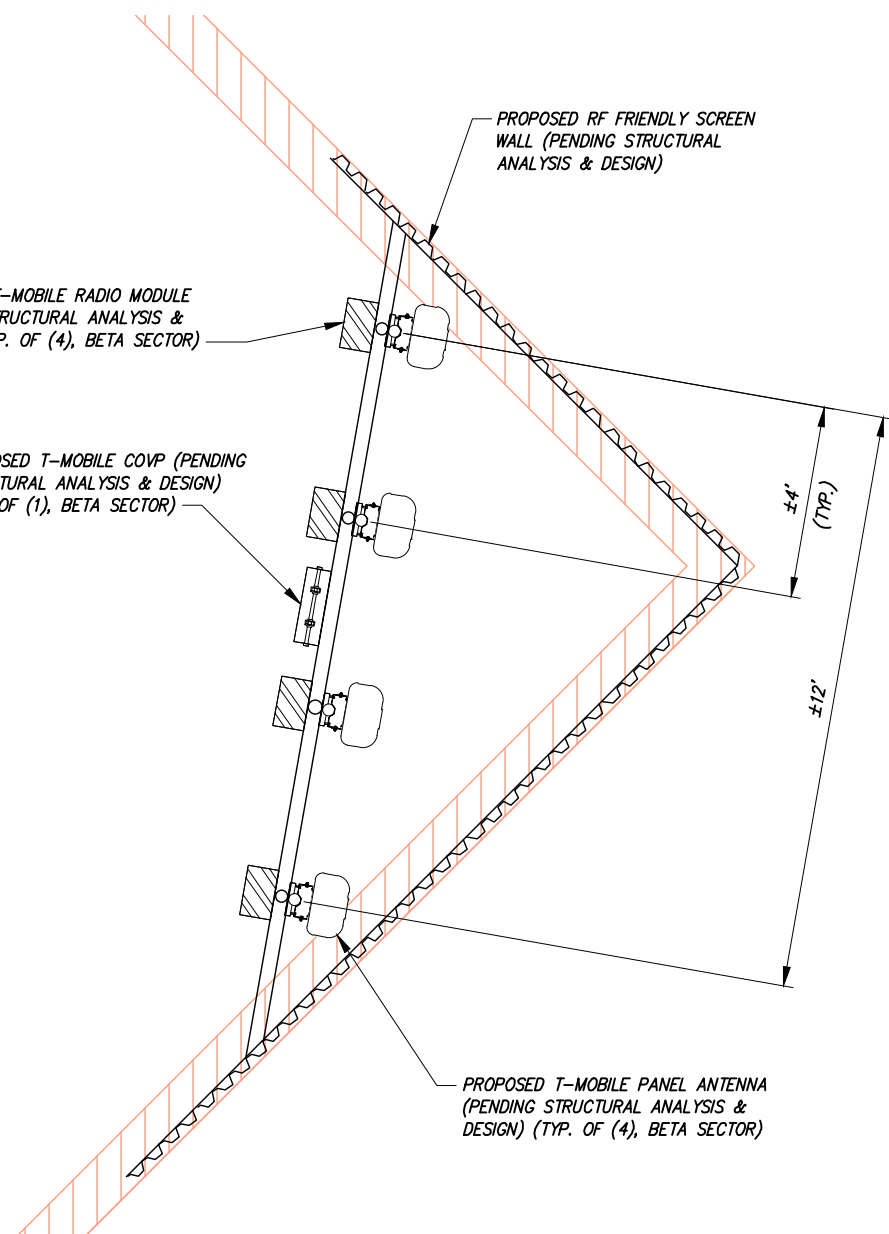
INFORMATION CONTAINED WITHIN DRAWINGS
IS BASED ON PROVIDED INFORMATION, A
FIELD SURVEY PREPARED BY DALEY LAND
SURVEYING, INC., DATED 09/21/17 AND
BUILDING PLANS BY PAHL-PAHL-PAHL
ARCHITECTS/PLANNERS, DATED 07/30/82

ROOFTOP PLAN (PROPOSED)

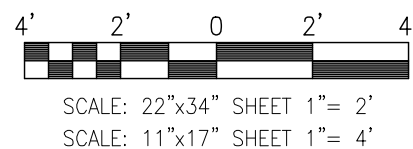
SCALE: AS NOTED

1





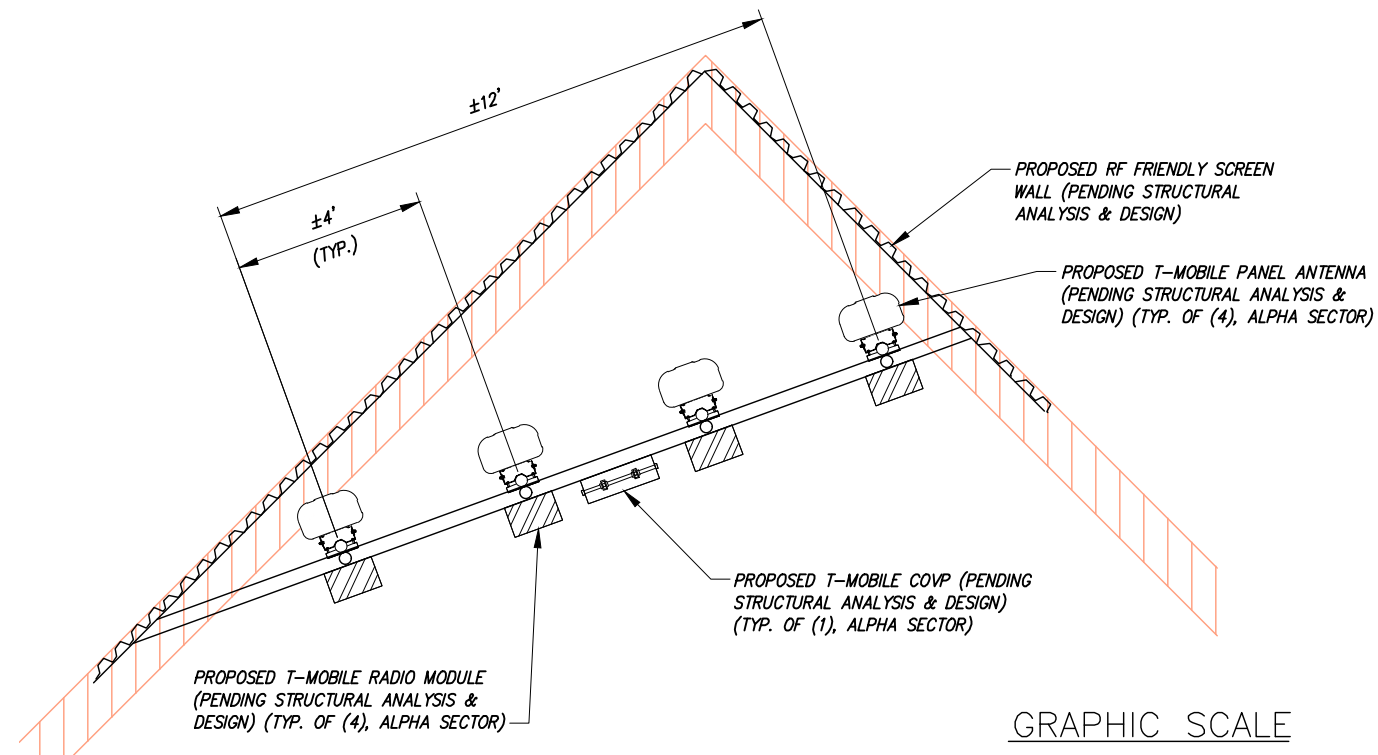
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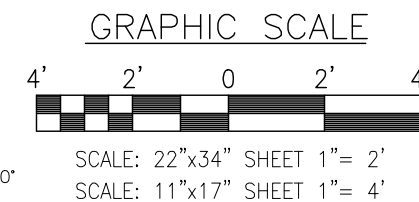
PROPOSED ANTENNA LAYOUT (BETA)

SCALE: AS NOTED

1



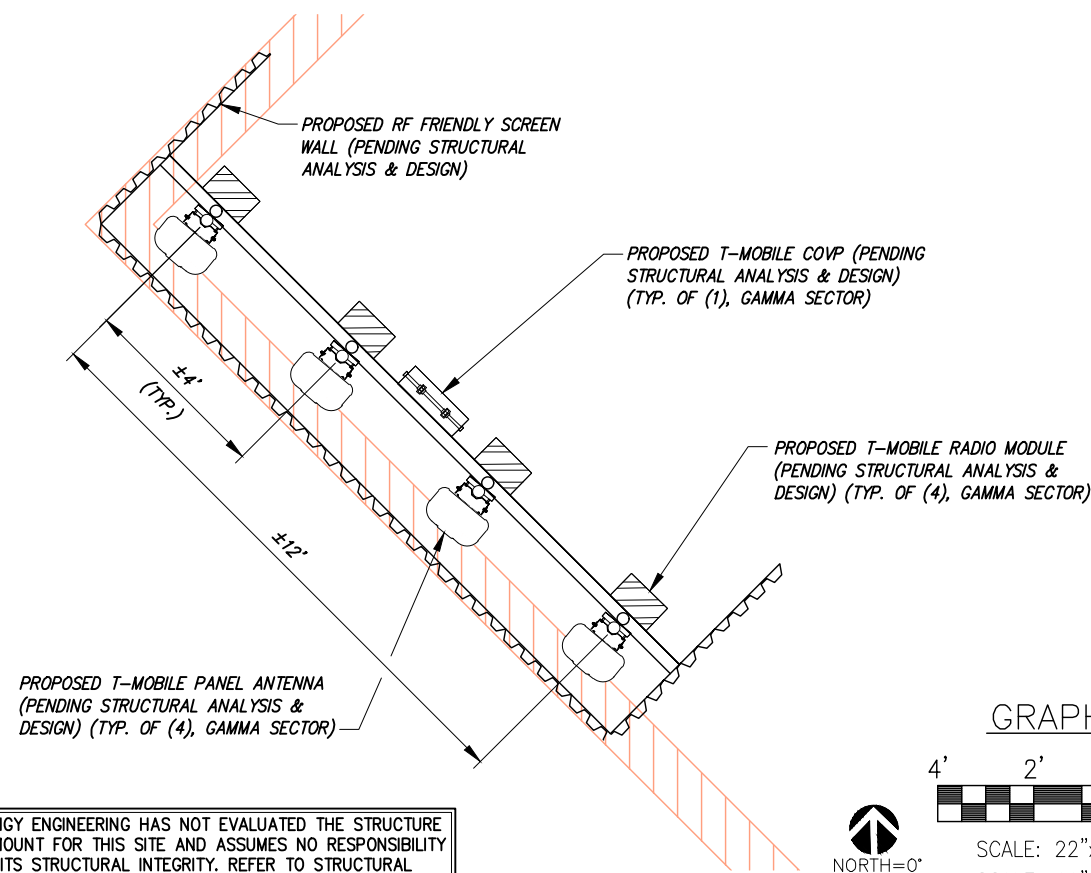
INFINIGY ENGINEERING HAS NOT EVALUATED THE STRUCTURE OR MOUNT FOR THIS SITE AND ASSUMES NO RESPONSIBILITY FOR ITS STRUCTURAL INTEGRITY. REFER TO STRUCTURAL ANALYSIS BY OTHERS PRIOR TO ANY CONSTRUCTION.



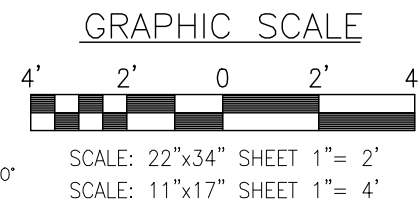
PROPOSED ANTENNA LAYOUT (ALPHA)

SCALE: AS NOTED

2



INFINIGY ENGINEERING HAS NOT EVALUATED THE STRUCTURE OR MOUNT FOR THIS SITE AND ASSUMES NO RESPONSIBILITY FOR ITS STRUCTURAL INTEGRITY. REFER TO STRUCTURAL ANALYSIS BY OTHERS PRIOR TO ANY CONSTRUCTION.



PROPOSED ANTENNA LAYOUT (GAMMA)

SCALE: AS NOTED

3

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T-Mobile

T-MOBILE WEST
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AURORA, CO 80011

PLANS PREPARED BY:

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Office # (303) 219-1178
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JOB NUMBER 397-000

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REVISIONS:

DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

EQUIPMENT &
ANTENNA PLANS

SHEET NUMBER:

Z-4

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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



FROM ZERO TO INFINIGY
the solutions are endless

1490 W. 121st Ave., Suite 101
Westminster, CO 80234
Office # (303) 219-1178
Fax # (303) 242-8636

JOB NUMBER 397-000

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REVISIONS:			
DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DDB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

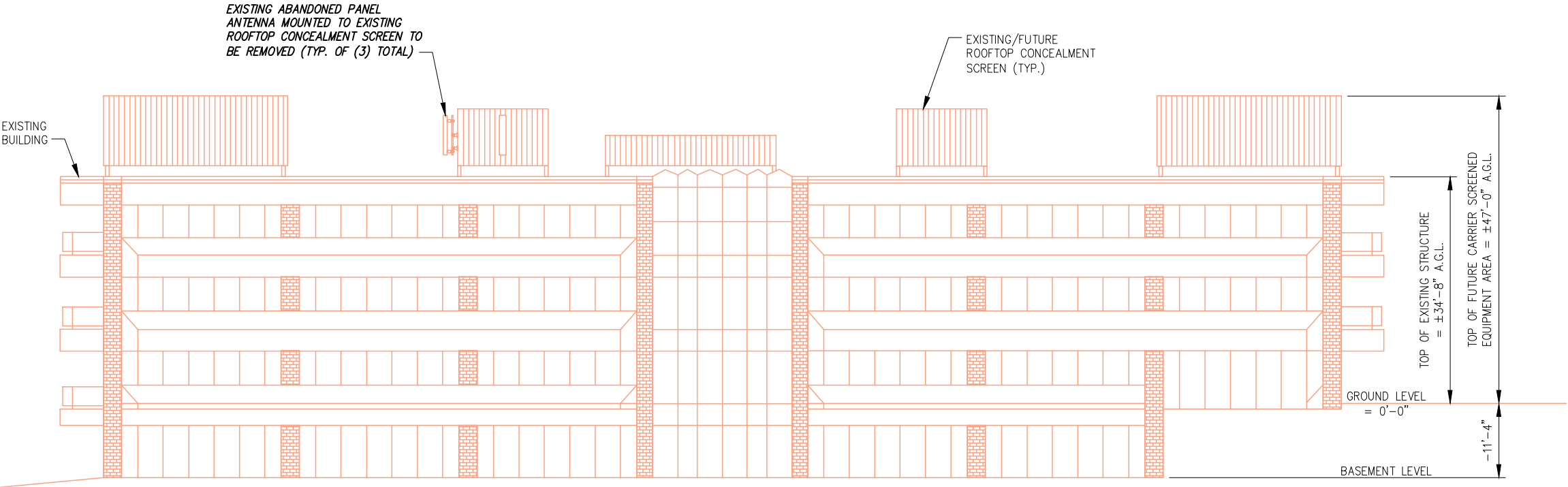
14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

NORTHWEST BUILDING
ELEVATION (EXISTING)

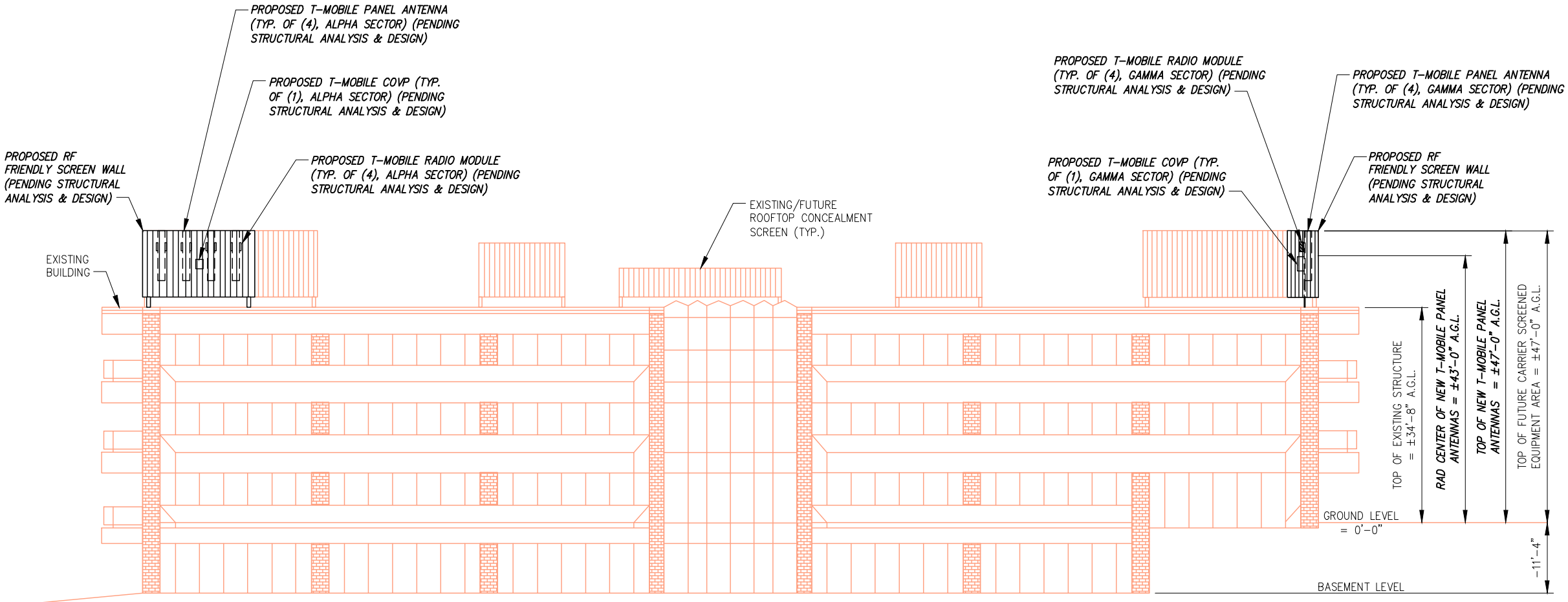
SHEET NUMBER:

Z-5



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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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Westminster, CO 80234
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REVISIONS:			
DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

NORTHWEST BUILDING
ELEVATION (PROPOSED)

SHEET NUMBER:

Z-6

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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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REVISIONS:

DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

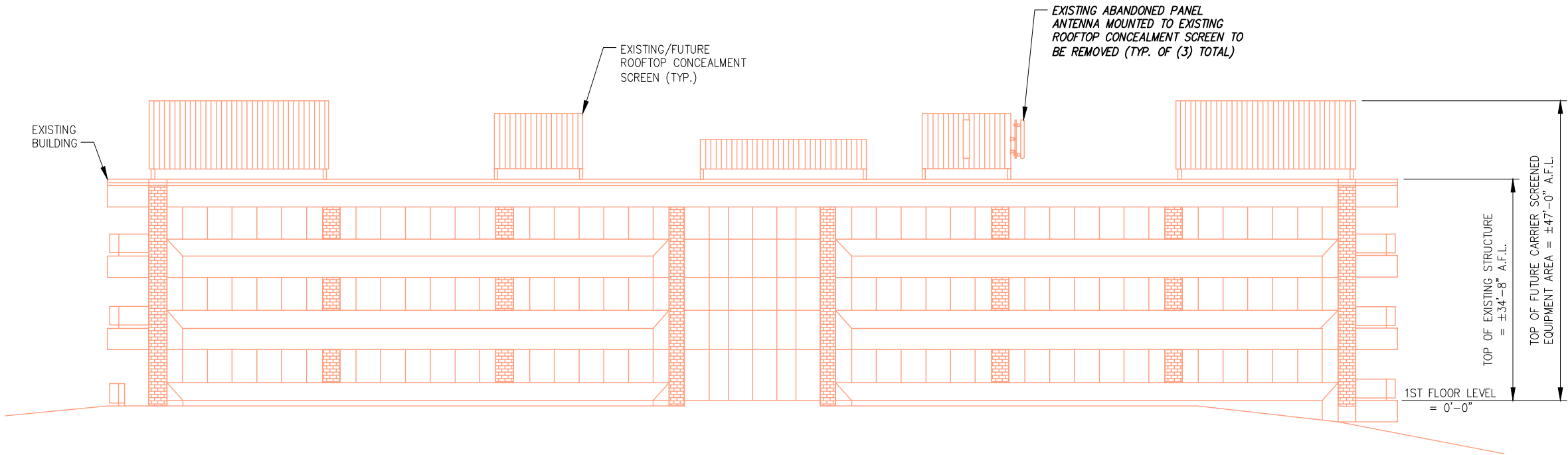
14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

SOUTHEAST BUILDING
ELEVATION (EXISTING)

SHEET NUMBER:

Z-7



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PLANS PREPARED FOR:



T-MOBILE WEST
18400 EAST 22ND AVENUE
AURORA, CO 80011

PLANS PREPARED BY:



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REVISIONS:			
DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR ZONING	10/05/17	DOB	B
ISSUED FOR ZONING	09/19/17	CKE	A

T-MOBILE SITE NAME:

COLORADO
MARKETING CENTER

T-MOBILE SITE #:

DN01529B

SITE ADDRESS:

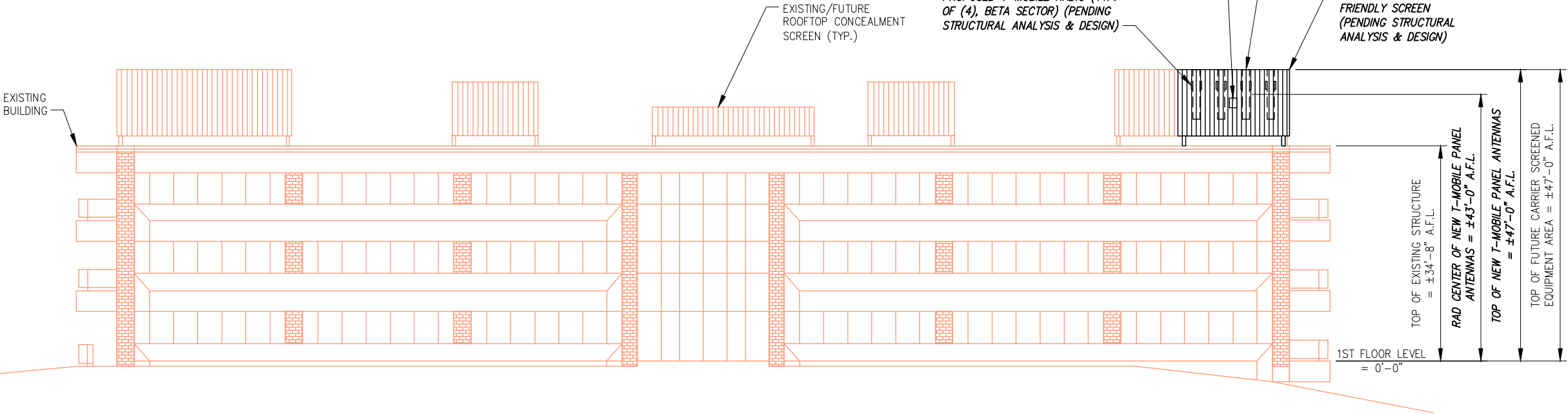
14707 E. 2ND AVENUE
AURORA, CO 80011

SHEET DESCRIPTION:

SOUTHEAST BUILDING
ELEVATION (PROPOSED)

SHEET NUMBER:

Z-8



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