

GENERAL NOTES:

- ALL REFERENCES TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED SPRINT OR ITS DESIGNATED REPRESENTATIVE.
- ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF COLORADO.
- STRUCTURE IS DESIGNED IN ACCORDANCE WITH ANSI/TIA/EIA-222-G, 2005, FOR A 90 MPH 3-SECOND GUST WIND LOAD. THIS CONFORMS TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2015 EDITION.
- WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2015 EDITION.
- UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
- ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
- ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
- ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
- ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
- BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR. CONTRACTOR SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
- ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.
- THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFTER MATERIAL SHALL BE REWORKED OR REPLACED.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.
- THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE RESPONSIBLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

STRUCTURAL STEEL NOTES:

- THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS AND MANUAL OF STEEL CONSTRUCTION, 13TH EDITION.
- UNLESS OTHERWISE NOTED, ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - STRUCTURAL STEEL, ASTM DESIGNATION A36 OR A992 GR50.
 - ALL BOLTS, ASTM A325 TYPE I GALVANIZED HIGH STRENGTH BOLTS.
 - ALL NUTS, ASTM A563 CARBON AND ALLOY STEEL NUTS.
 - ALL WASHERS, ASTM F436 HARDENED STEEL WASHERS.
- ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS AND MANUAL OF STEEL CONSTRUCTION, 13TH EDITION.
- HOLES SHALL NOT BE FLAME CUT THRU STEEL UNLESS APPROVED BY THE ENGINEER.
- HOT-DIP GALVANIZE ALL ITEMS UNLESS OTHERWISE NOTED, AFTER FABRICATION WHERE PRACTICABLE. GALVANIZING: ASTM A123, ASTM A153/A153M OR ASTM A653/A653M, G90, AS APPLICABLE.
- REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT CONFORMING TO ASTM A780 OR BY APPLICATION OF STICK OR THICK PASTE MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING. CLEAN AREAS TO BE REPAIRED AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE MATERIAL IS APPLIED, WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS IN STICK OR PASTED; SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.
- A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED BOLTS.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH TO EXCLUDE THE THREADS FROM THE SHEAR PLANE.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- ALL ASSEMBLY BOLTS ARE TO BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED IN SECTION 8.1 OF THE AISC, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", DATED JUNE 30, 2004.
- FLAT WASHERS ARE TO BE INSTALLED WITH BOLTS OVER SLOTTED HOLES.
- DO NOT OVER TORQUE ASSEMBLY BOLTS. GALVANIZING ON BOLTS, NUTS, AND STEEL PARTS ;MAY ACT AS A LUBRICANT, THUS OVER TIGHTENING MAY OCCUR AND MAY CAUSE BOLTS TO CRACK AND SNAP OFF.
- PAL NUTS ARE TO BE INSTALLED AFTER NUTS ARE TIGHT AND WITH EDGE LIP OUT. PAL NUTS ARE NOT REQUIRED WHEN SELF-LOCKING NUTS ARE PROVIDED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-2010 STRUCTURAL WELDING CODE - STEEL.

PLANS PREPARED FOR:



333 INVERNESS DRIVE SOUTH
ENGLEWOOD, CO 80112
OFFICE: (408) 560-1040

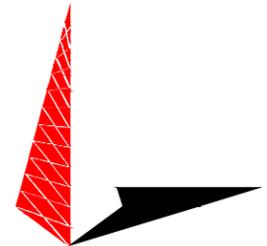
PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

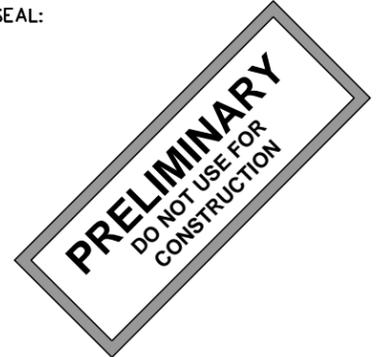
5001 S PARKER RD
AURORA CO, 80015
(ARAPAHOE COUNTY)

PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS
500 E. 84TH AVE SUITE C10
THORNTON, CO 80229
OFFICE: (303) 566-9914
www.tepgroup.net

SEAL:



0	07-24-18	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: AJL | CHECKED BY: ARB

SHEET TITLE:

**GENERAL
NOTES**

SHEET NUMBER: N-1	REVISION: 0 TEP #134006.202215
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LEGEND

- EXIST. PROPERTY LINE
- - - ADJ. PROPERTY LINE
- PROPERTY CORNER
- ⊕ EXIST. UTILITY POLE
- Ⓣ TELCO PEDESTAL
- - -R/W- - - RIGHT-OF-WAY
- - -OHW- - - OVERHEAD WIRE
- - -UGW- - - UNDERGROUND WIRE
- - -UGG- - - UNDERGROUND GAS
- - -UGF- - - UNDERGROUND FIBER
- - -UGT- - - UNDERGROUND TELCO
- - -WP- - - WATER PIPE
- /// EDGE OF PAVEMENT
- X - 6'-TALL WOOD FENCE
- LEASE AREA/EASMENT CORNER
- Ⓣ TRANSFORMER
- ☀ LIGHT POLE
- Ⓣ FIRE HYDRANT
- Ⓣ MAN HOLE (FIBER, SANITARY, STORM, TELCO, WATER)
- Ⓣ GAS VALVE
- Ⓣ GAS METER
- Ⓣ WATER VALVE
- Ⓣ WATER METER

SITE COORDINATES

LATITUDE: N 39° 36' 28.96" (NAD '83)
 LONGITUDE: W 104° 44' 32.87" (NAD '83)
 ROOF ELEVATION: 5964.49' (NAVD '88)

**ZONING:
RESIDENTIAL**

**EAST GRAND AVE
(R/W VARIES)**

PROPOSED 10'-0"x10'-0" CUPOLA. SEE DETAILS ON SHEET Z-4.

PROPOSED 12'-0" ACCESS EASEMENT

PROPOSED 10'-0"x11'-0" LEASE AREA. SEE DETAILS ON SHEET Z-2.

PROPOSED 3'-0" UTILITY EASEMENT. SEE DETAILS ON SHEET Z-2.

**ZONING:
RESIDENTIAL**

N/F
ABBA REAL ESTATE INC
 1130 LAKE PLAZA DR
 COLORADO SPRINGS, CO 80906
 PID:
 2073-07-3-02-045

EXISTING 16'-0" WIDE UTILITY EASEMENT
 EXISTING 16'-0" WIDE UTILITY EASEMENT

**PARKER ROAD COLORADO
STATE HWY 83
(R/W VARIES)**

PROPOSED 11'-0" LONG SHROUDED ANTENNA MOUNT. SEE DETAILS ON SHEET Z-4.

EXISTING 23'-0" WIDE FIRELANE EASEMENT

EXISTING 12'-0" WIDE UTILITY EASEMENT

N/F
CWC INCOME PROPERTIES 5 LLC
 5001 S PARKER RD,
 AURORA, CO 80015
 PID:
 2073-23-1-13-006

PROPOSED 10'-0"x10'-0" CUPOLA. SEE DETAILS ON SHEET Z-4.

EXISTING 16'-0" WIDE UTILITY EASEMENT

EXISTING 26'-0" WIDE UTILITY EASEMENT

EXISTING 5'-0" WIDE SIDEWALK EASEMENT

**SOUTH CARSON COURT
(R/W VARIES)**

**ZONING:
RESIDENTIAL**

**ZONING:
RESIDENTIAL**

**ZONING:
RESIDENTIAL**

**EAST BELLEWOOD DRIVE
(R/W VARIES)**

PLANS PREPARED FOR:



333 INVERNESS DRIVE SOUTH
 ENGLEWOOD, CO 80112
 OFFICE: (408) 560-1040

PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

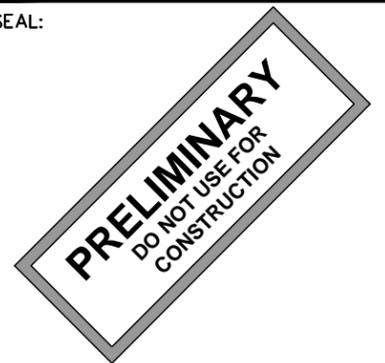
5001 S PARKER RD
 AURORA CO, 80015
 (ARAPAHOE COUNTY)

PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS
 500 E. 84TH AVE SUITE C10
 THORNTON, CO 80229
 OFFICE: (303) 566-9914
 www.tepgroup.net

SEAL:



0	07-24-18	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: BRC CHECKED BY: ARB

SHEET TITLE:

SITE PLAN

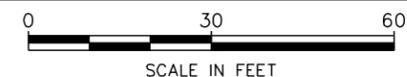
SHEET NUMBER: Z-1	REVISION: 0
TEP #134006.202215	

NOTES:

1. THE BASIS OF THE MERIDIANS AND COORDINATES FOR THIS PLAT IS THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NAD83).
2. VERTICAL INFORMATION SHOWN, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.
4. THE TOWER IS LOCATED IN AN AREA DESIGNATED AS ZONE X, AREAS OUTSIDE OF 0.2% ANNUAL FLOOD CHANCE (FEMA MAP # 08005C2091F).

SITE PLAN

SCALE: 1" = 30'



EXISTING ELECTRICAL BOX

PROPOSED 10'-0"x11'-0" LEASE AREA INSIDE TRASH ENCLOSURE

PROPOSED ECAB, BCAB AND CABLING CABINETS

EXISTING 7'-0" TALL WALL

PROPOSED TELCO AND PPC CABINETS MOUNTED ON H-FRAME

EXISTING 7'-0" TALL WALL

PROPOSED 5'-0" WIDE UTILITY EASEMENT

PROPOSED UTILITY VAULT BY SPRINT

PROPOSED UTILITY VAULT BY ZAYO

PROPOSED 12'-0" ACCESS GATE

PROPOSED 12'-0" WIDE ACCESS EASEMENT

EDGE OF BUILDING OVERHANG

EXISTING BALLARDS

PLANS PREPARED FOR:



333 INVERNESS DRIVE SOUTH
ENGLEWOOD, CO 80112
OFFICE: (408) 560-1040

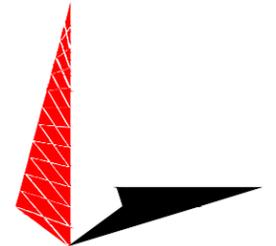
PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

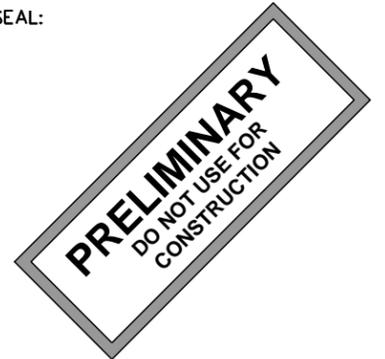
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(ARAPAHOE COUNTY)

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SEAL:



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SHEET TITLE:

COMPOUND DETAIL

SHEET NUMBER:

Z-2

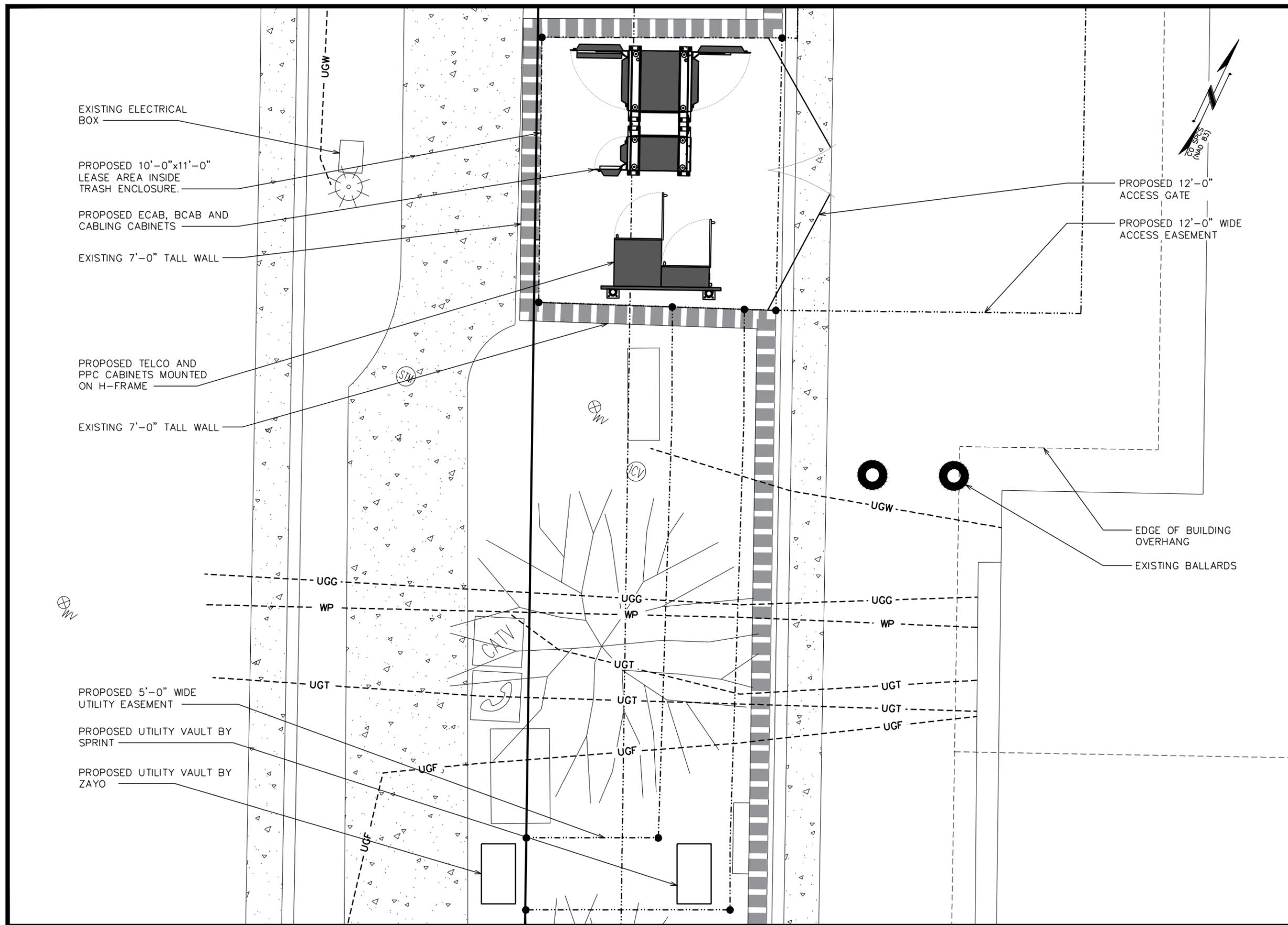
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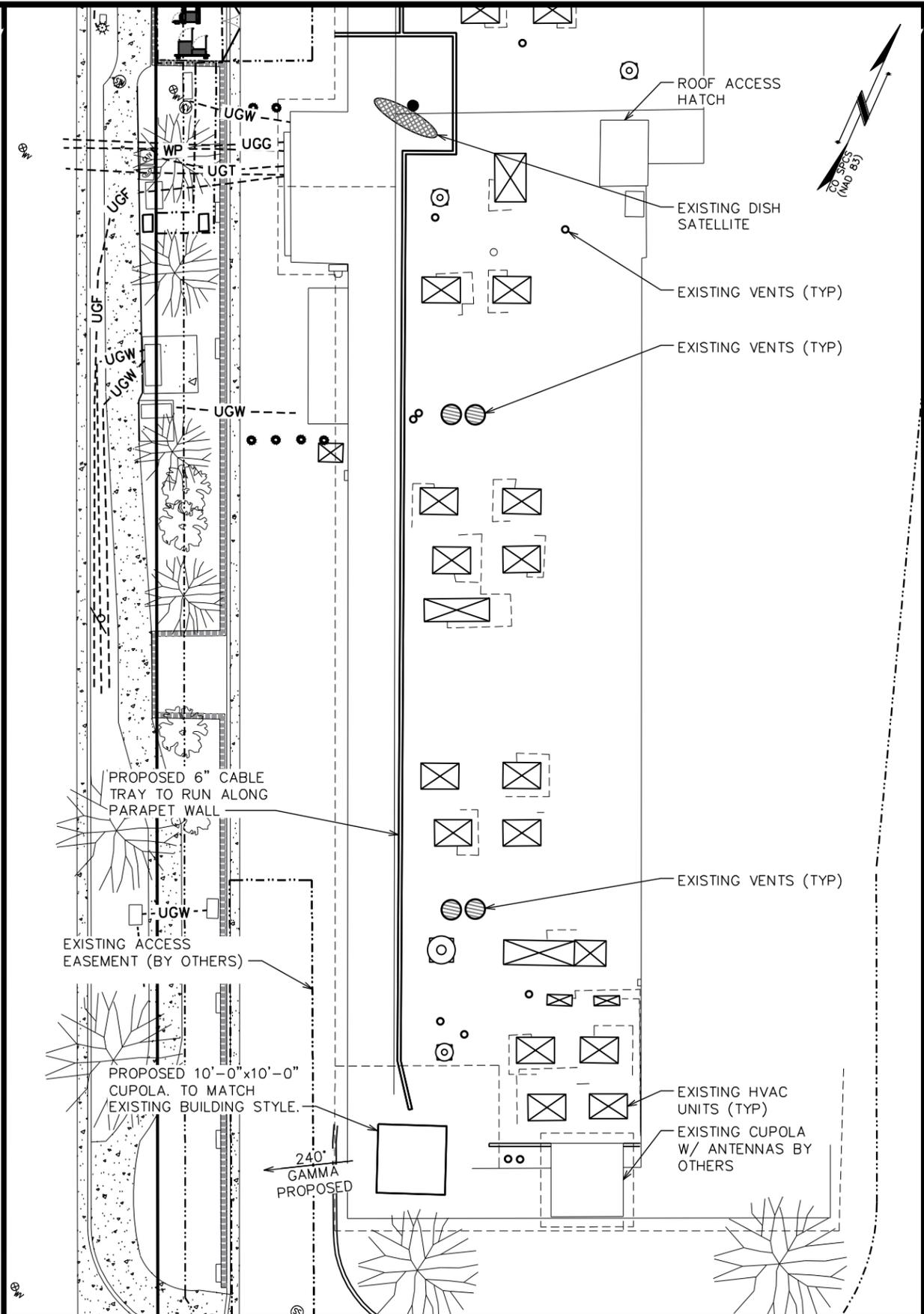
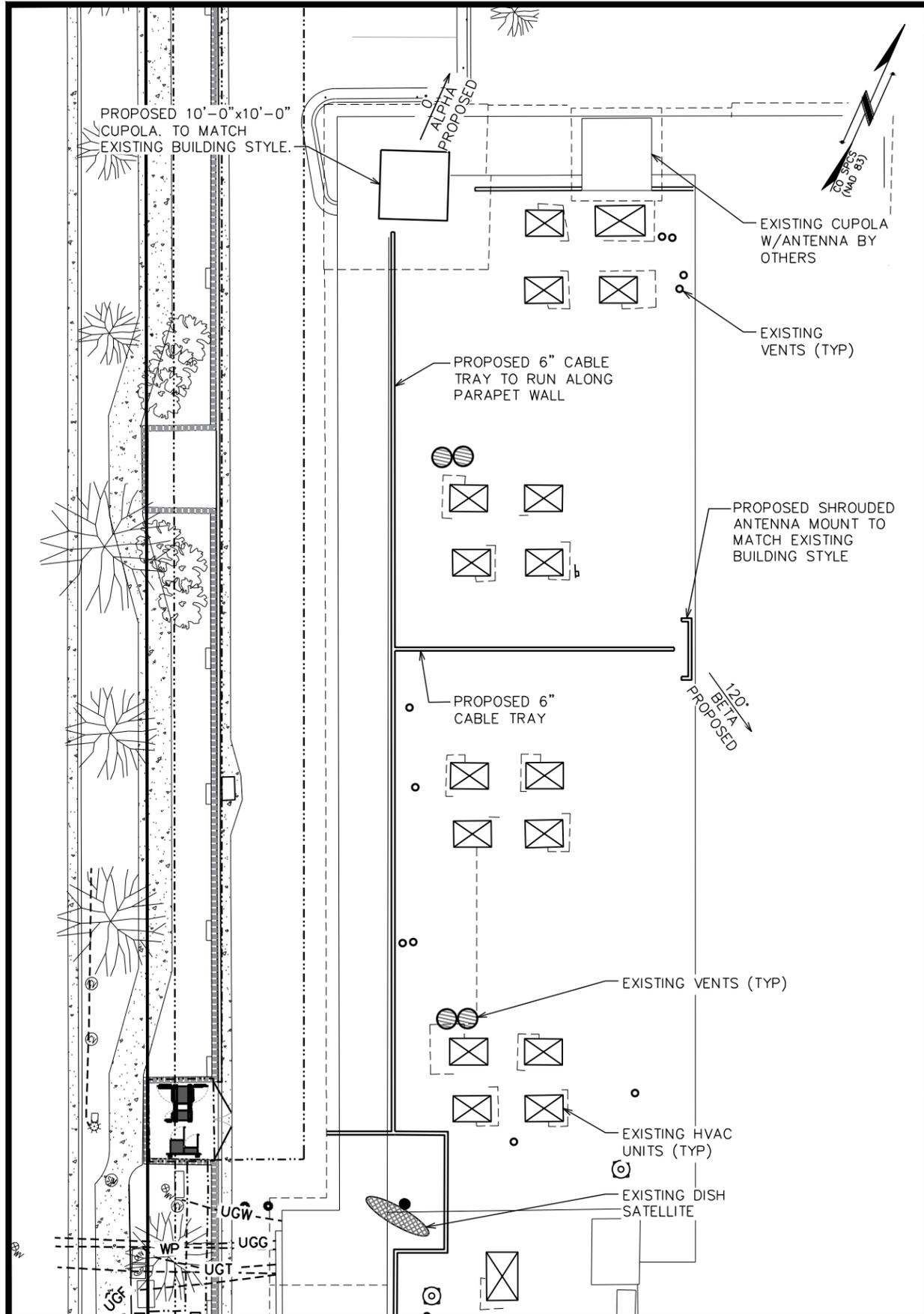
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TEP #134006.202215

COMPOUND PLAN

SCALE: 3/8" = 1'-0"





PLANS PREPARED FOR:

Sprint

333 INVERNESS DRIVE SOUTH
 ENGLEWOOD, CO 80112
 OFFICE: (408) 560-1040

PROJECT INFORMATION:

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SITE #: DN90XCD31

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SEAL:

PRELIMINARY
 DO NOT USE FOR
 CONSTRUCTION

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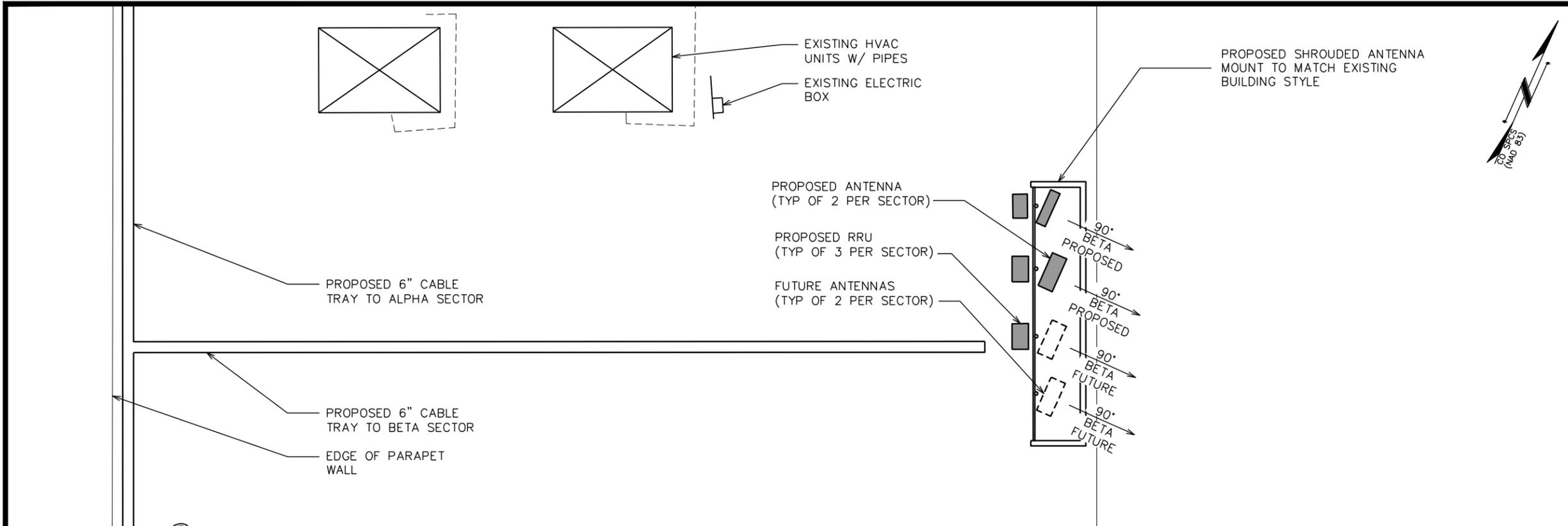
SHEET TITLE:

ROOF PLAN

SHEET NUMBER:	REVISION:
Z-3	0
TEP #134006.202215	

ROOF PLAN (NORTH END)
 SCALE: 1" = 20'-0"

ROOF PLAN (SOUTH END)
 SCALE: 1" = 20'-0"



PLANS PREPARED FOR:

Sprint

333 INVERNESS DRIVE SOUTH
ENGLEWOOD, CO 80112
OFFICE: (408) 560-1040

PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

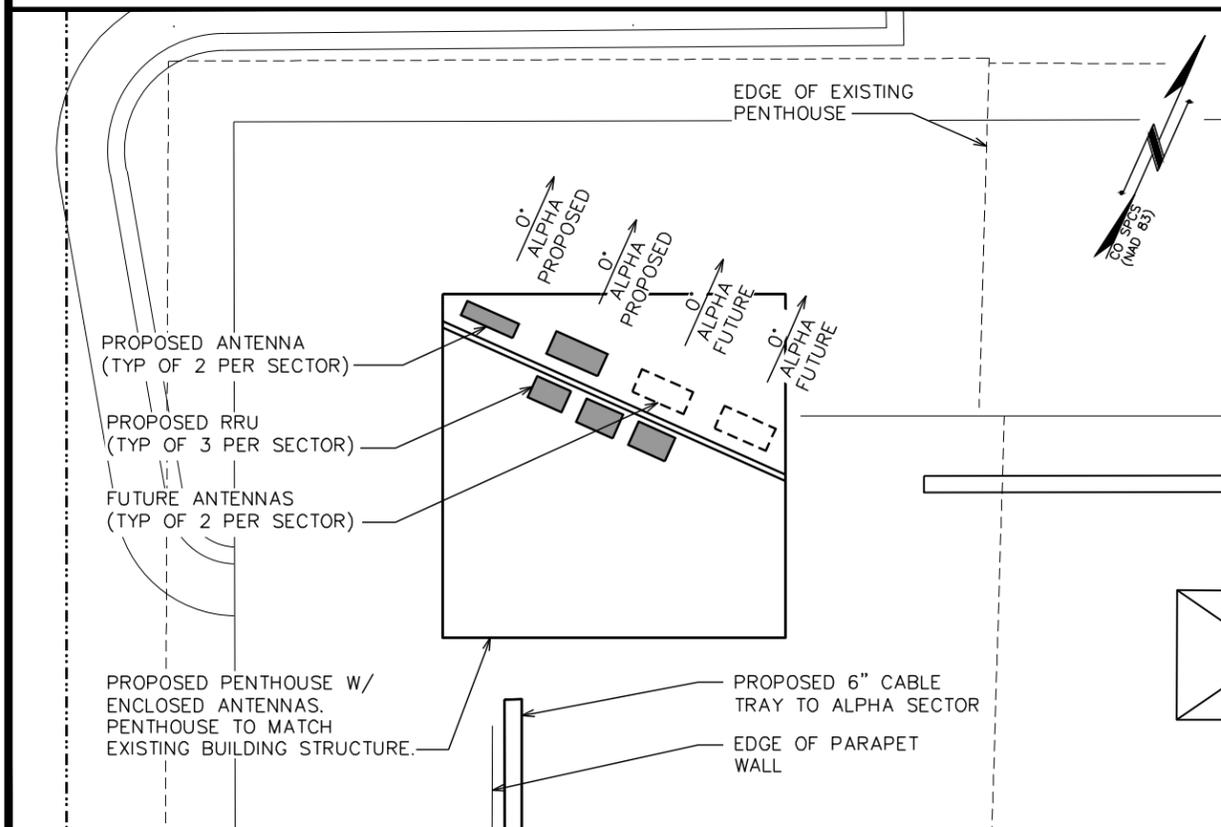
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(ARAPAHOE COUNTY)

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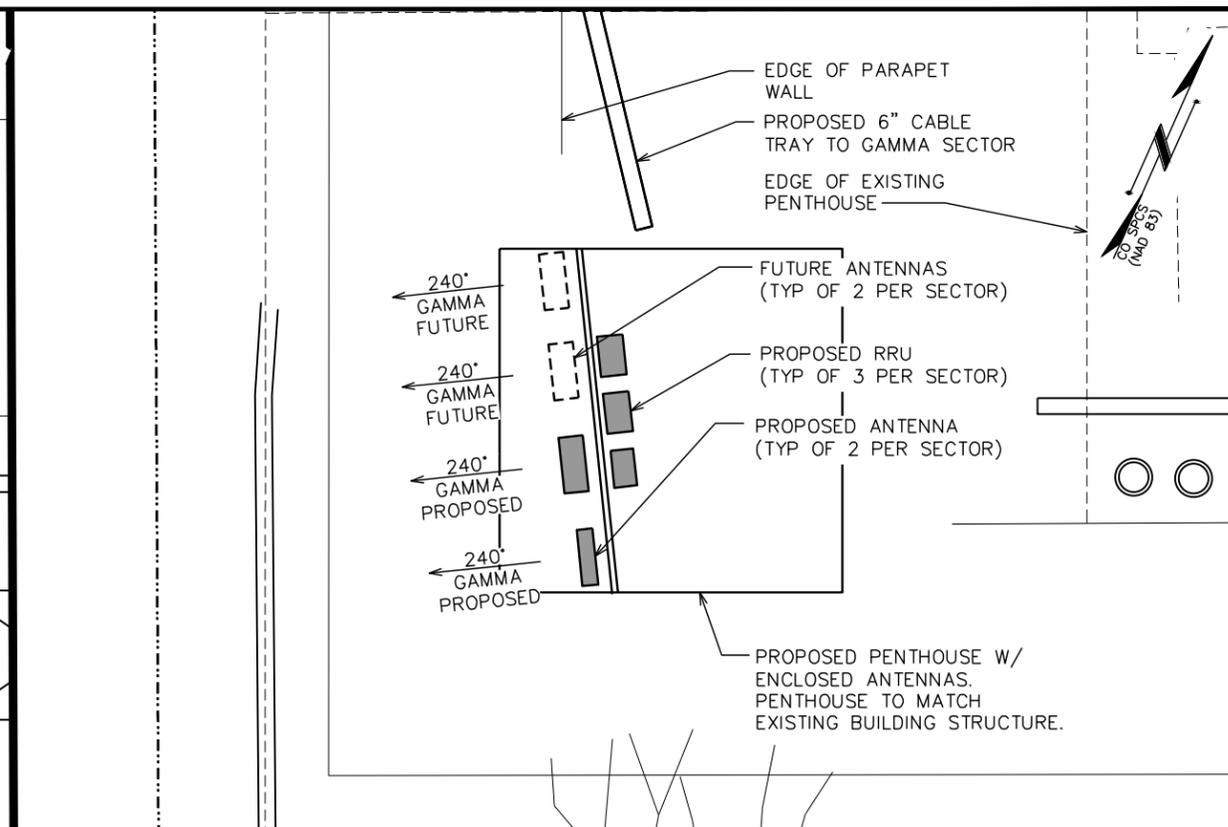
ANTENNA MOUNTING DETAILS (BETA SECTOR)

SCALE: 3/16" = 1'-0"



ANTENNA MOUNTING DETAILS (ALPHA SECTOR)

SCALE: 3/16" = 1'-0"



ANTENNA MOUNTING DETAILS (GAMMA SECTOR)

SCALE: 3/16" = 1'-0"

SEAL:

PRELIMINARY
DO NOT USE FOR CONSTRUCTION

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SHEET TITLE:

ANTENNA MOUNTING DETAILS

SHEET NUMBER:	REVISION:
Z-4	0
TEP #134006.202215	

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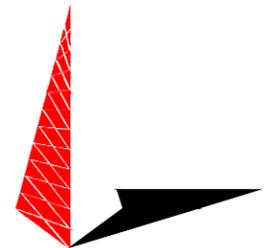
PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

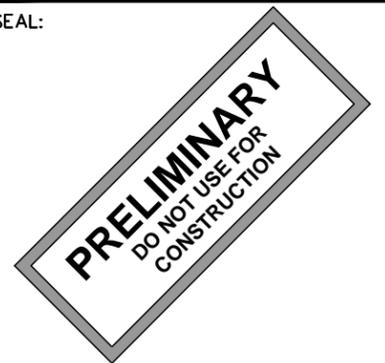
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SEAL:



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SHEET TITLE:

BUILDING ELEVATION I

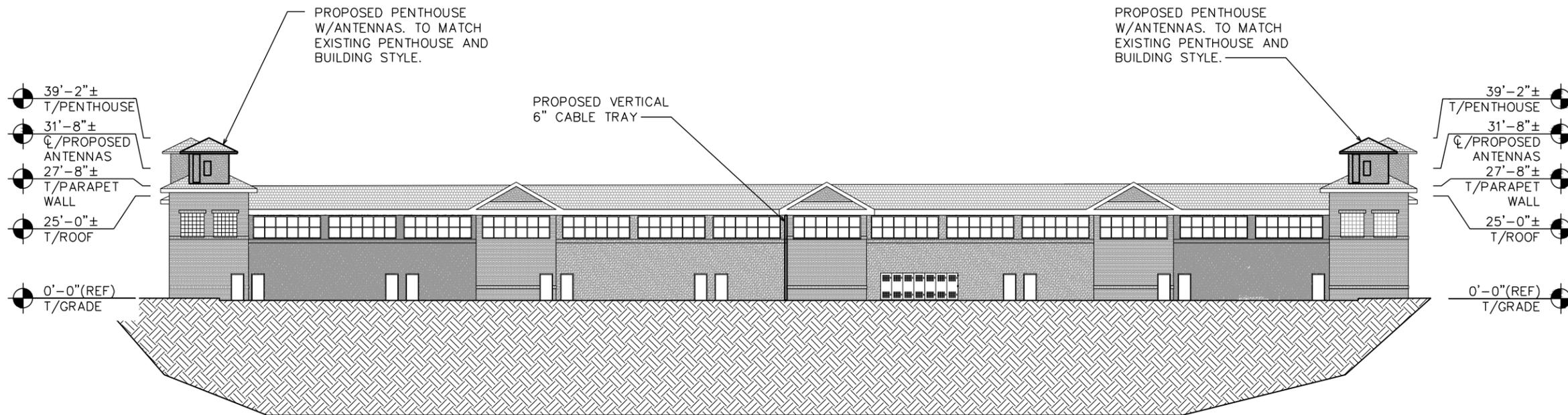
SHEET NUMBER:

Z-5

REVISION:

0

TEP #134006.202215

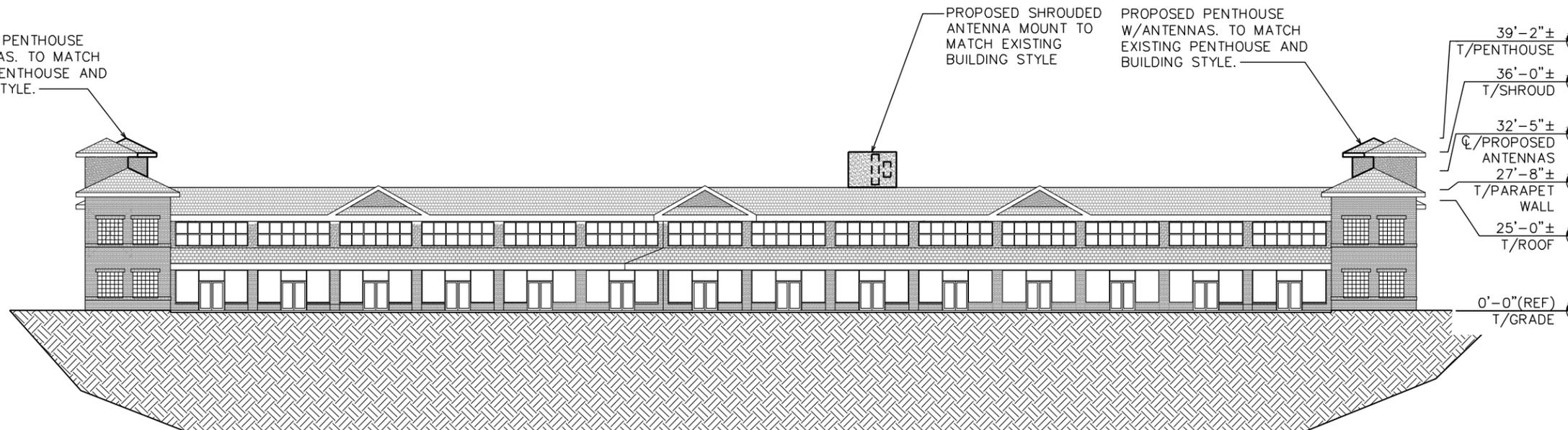


WEST ELEVATION (LOOKING EAST)

SCALE: 1" = 30'-0"

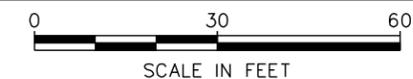


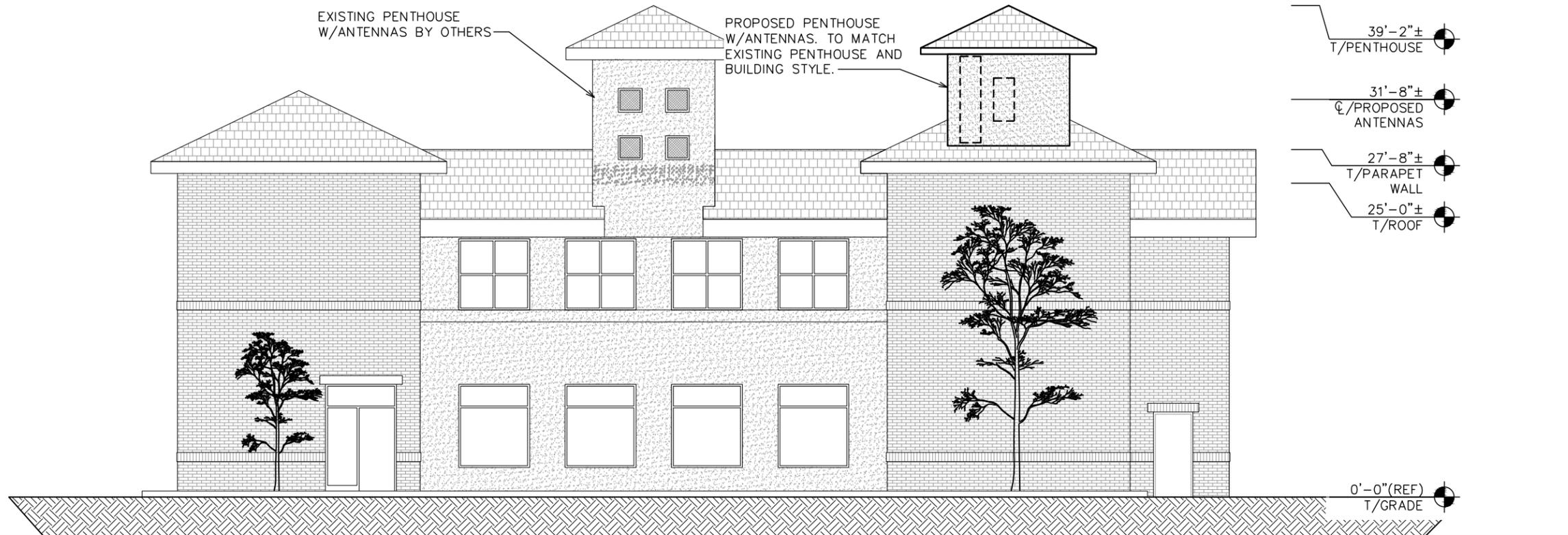
PROPOSED PENTHOUSE
W/ANTENNAS. TO MATCH
EXISTING PENTHOUSE AND
BUILDING STYLE.



EAST ELEVATION (LOOKING WEST)

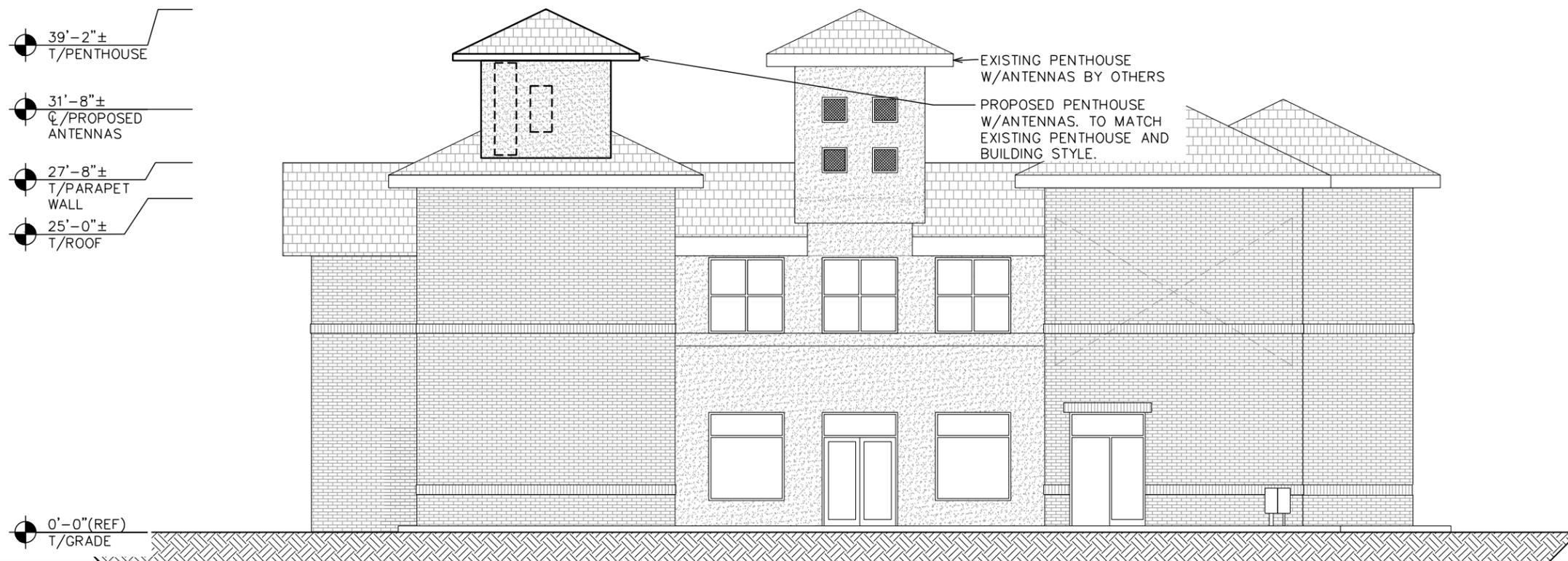
SCALE: 1" = 30'-0"





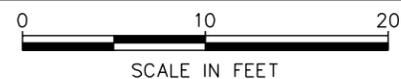
NORTH ELEVATION (LOOKING SOUTH)

SCALE: 1" = 10'-0"



SOUTH ELEVATION (LOOKING NORTH)

SCALE: 1" = 10'-0"



PLANS PREPARED FOR:



333 INVERNESS DRIVE SOUTH
ENGLEWOOD, CO 80112
OFFICE: (408) 560-1040

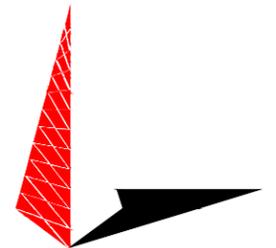
PROJECT INFORMATION:

CARSON

SITE #: DN90XCD31

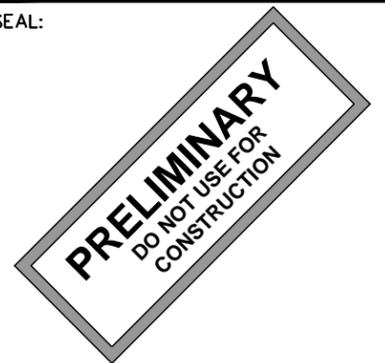
5001 S PARKER RD
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SEAL:



0	07-24-18	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: BRC | CHECKED BY: ARB

SHEET TITLE:

BUILDING ELEVATIONS II

SHEET NUMBER:	REVISION:
Z-6	0
	TEP #134006.202215