



US Cellular

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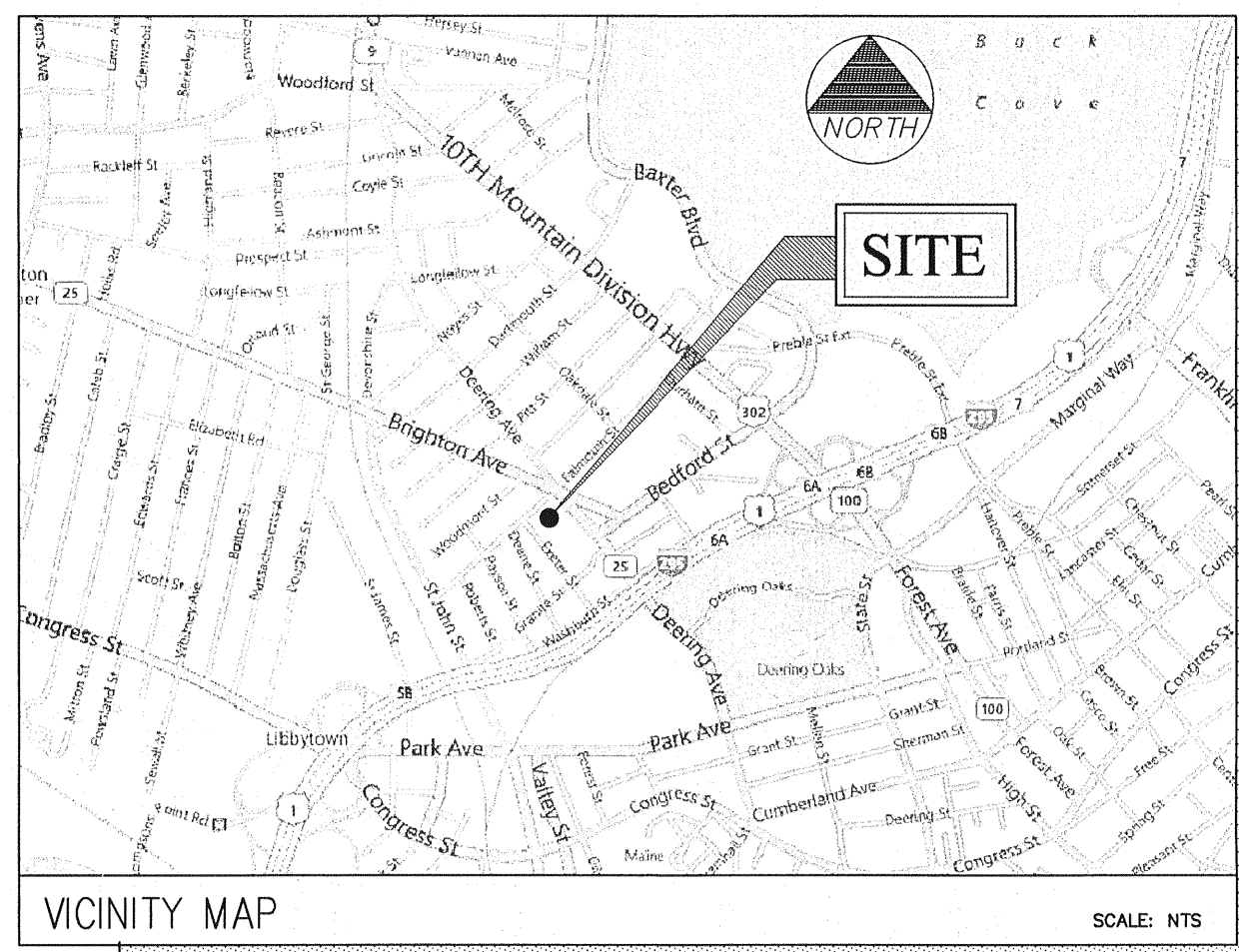
SITE NAME: OAKDALE (PORTLAND, ME)

SITE NO. 853488

LATITUDE: 43° 39' 40.04" (N)

LONGITUDE: 70° 16' 44.07" (W)

SITE NUMBER:	853488
SITE NAME:	OAKDALE
TOWER TYPE:	82' ROOFTOP (EXISTING)
SITE ADDRESS:	246 DEERING AVE PORTLAND, ME 04101
PROPERTY OWNER:	USM-FACILITIES MANAGEMENT 25 BEDFORD STREET PORTLAND, ME 04101 (207) 780-4160
MAP & LOT:	51/E-1
APPLICANT:	U.S. CELLULAR c/o KJK WIRELESS 127 RIDGE ROAD NASHUA, NH 03062 (603) 888-8974
POWER COMPANY:	CENTRAL MAINE POWER COMPANY 1-800-565-3182
TELCO COMPANY:	FAIRPOINT COMMUNICATIONS 1-866-984-2001
CEO OF MUNICIPALITY:	TAMMY MUNSON & BRIAN LAFHAMME 389 CONGRESS STREET PORTLAND, ME 04101
PROJECT SUMMARY	

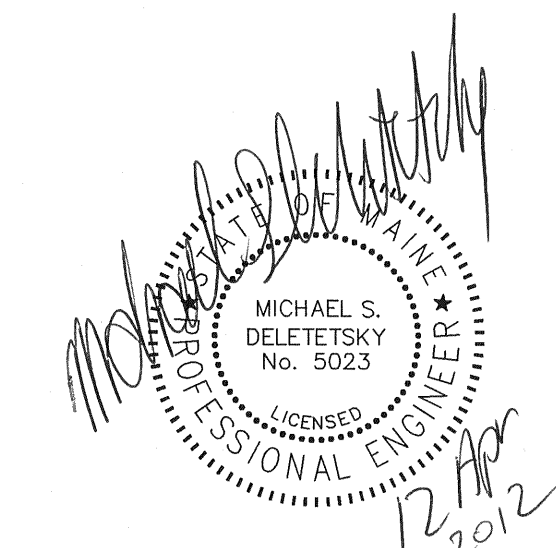


SHEET NO.	DESCRIPTION	DATE	REV. NO.
T-1	TITLE SHEET	4/12/12	0
C-1	PLOT PLAN	4/12/12	0
C-2	SITE PLAN	4/12/12	0
C-3	ANTENNA PLAN & BUILDING ELEVATION	4/12/12	0
S-1	STRUCTURAL DETAILS	4/12/12	0
G-1	GENERAL NOTES	4/12/12	0

SHEET INDEX

BUILDING REQUIREMENTS:
BUILDING IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS NOT REQUIRED.

PLUMBING REQUIREMENTS:
FACILITY HAS NO PLUMBING.



THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.



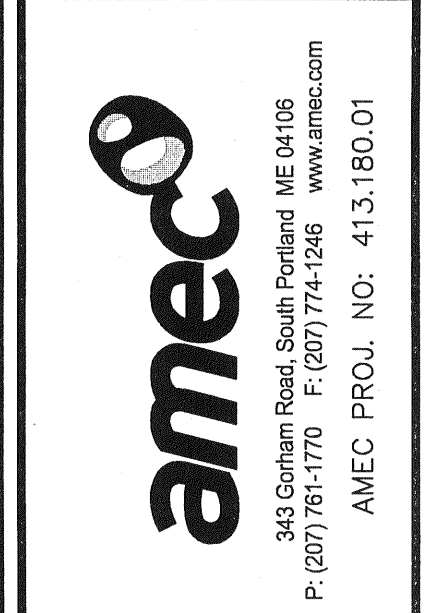
R.F. _____

SA/ZN _____

CONST. _____

N.O.M. _____

P.M. _____



SITE NAME: OAKDALE

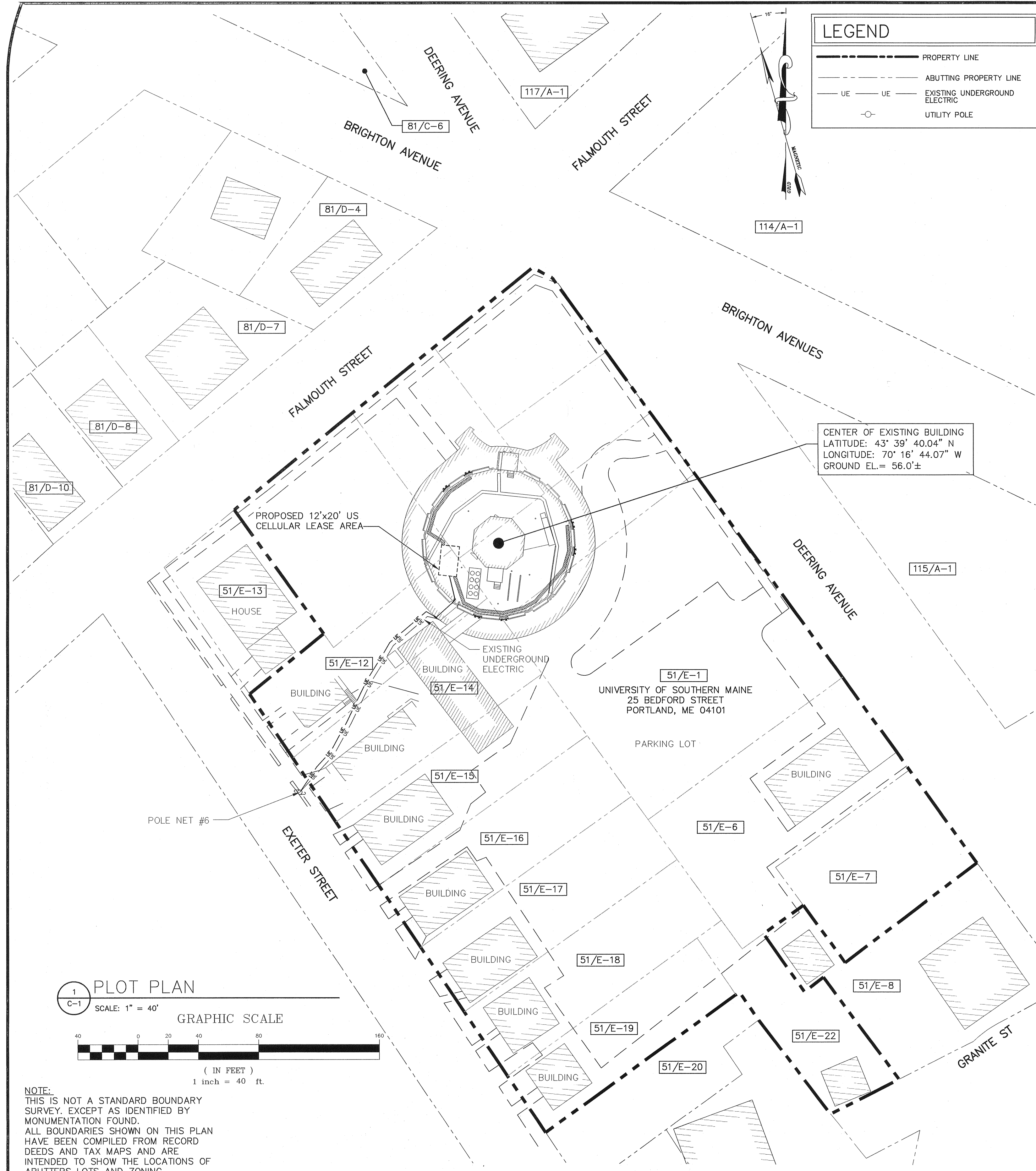
SITE NUMBER: 853488

ADDRESS: 246 DEERING AVE
PORTLAND, ME 04101

DRAWING TITLE: TITLE SHEET

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	4/12/12

DESIGNED BY: MSD	DATE: 4/12/12
DRAWN BY: CBM	SCALE: AS NOTED
CHECKED BY: MSD	PROJECT NO.: 413.180.01
DRAWING NO.:	



LEGEND

---	PROPERTY LINE
- - - -	ABUTTING PROPERTY LINE
UE	EXISTING UNDERGROUND ELECTRIC
○	UTILITY POLE

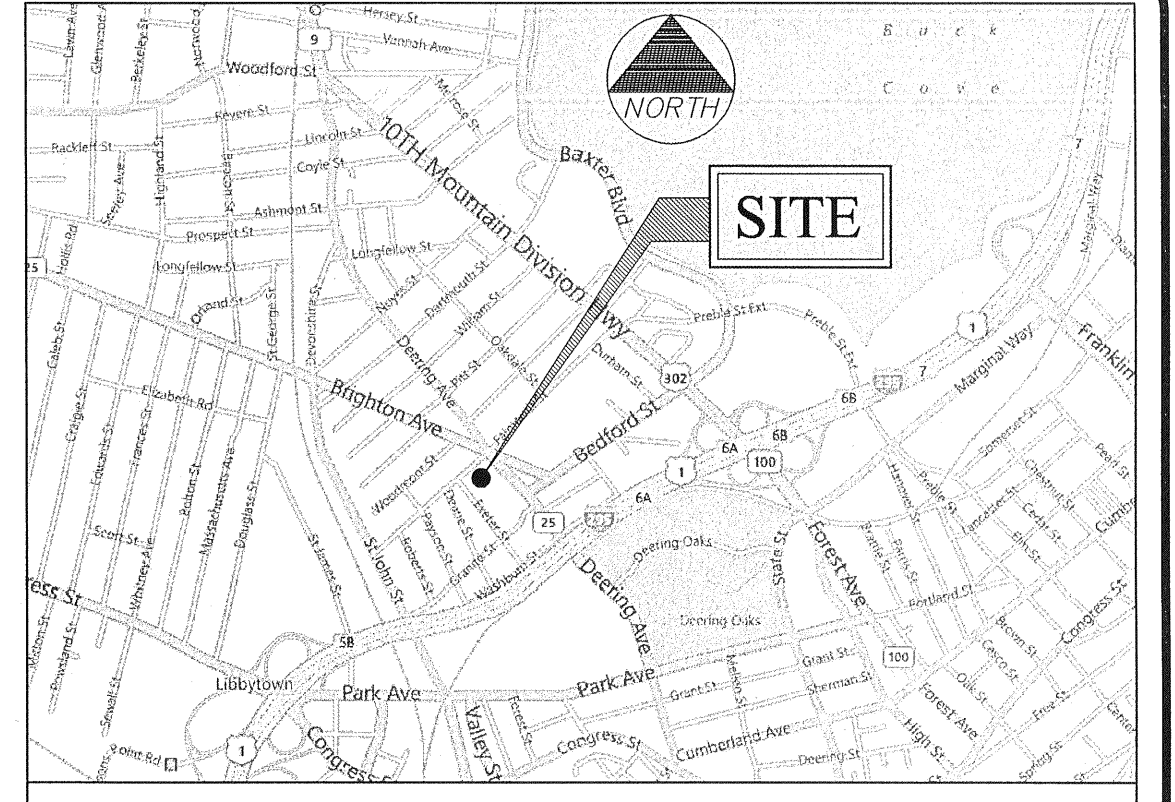
LIST OF ABUTTERS

CITY OF PORTLAND

MAP/LOT	RECORD OWNER	ADDRESS
51/E-6 51/E-7 51/E-12 51/E-14 51/E-15 51/E-16 51/E-17 51/E-18 51/E-19 51/E-22 114/A-1	UNIVERSITY OF MAINE	107 MAINE AVE BANGOR, ME 04401
51/E-8	JOSEPH S. & MARTHA MARQUES	216 DEERING AVENUE PORTLAND, ME 04102
51/E-11	JOSEPH CLINTON RAY	150 FALMOUTH STREET PORTLAND, ME 04102
51/E-20	WILLIAM CARLSON	37 EXETER STREET PORTLAND, ME 04102
81/C-6 115/A-1	CITY OF PORTLAND	389 CONGRESS STREET PORTLAND, ME 04101
81/D-4	DONNABETH DAVIS	133 FALMOUTH STREET PORTLAND, ME 04102
81/D-7	MICHAEL C. & ELLEN MONAGHAN	100 COMMERCIAL STREET PORTLAND, ME 04101
81/D-8	MATTHEW J. & KARENT E. MONAGHAN	149 FALMOUTH STREET PORTLAND, ME 04102
114/A-1	MATTHEW J. & KARENT E. JTS MONAGHAN	149 FALMOUTH STREET PORTLAND, ME 04102
117/A-1	DWIGHT A. FIFIELD III & RUNDLETT T. ELLSWORTH	276 FALMOUTH ROAD PORTLAND, ME 04102

ZONING INFORMATION

ZONING DISTRICT:	UNIVERSITY OF SOUTHERN MAINE (USM)
MINIMUM STREET FRONTAGE:	50 FEET
FRONT YARD SETBACK:	20 FEET
SIDE YARD SETBACK:	12 FEET
REAR YARD SETBACK:	20 FEET
MINIMUM LOT SIZE:	3,000 S.F.



VICINITY MAP SCALE: NTS

- GENERAL NOTES**
- DATES OF FIELD SURVEY: OCTOBER 2011
 - SITE NAME: OAKDALE
 - SITE NUMBER: 853488
 - TOWER TYPE: 82', ROOFTOP (EXISTING)
 - SITE ADDRESS: 246 DEERING AVE
PORTLAND, ME 04101
CUMBERLAND COUNTY
 - PROPERTY OWNER: USM - FACILITIES MANAGEMENT
25 BEDFORD STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY
(207) 780-4160
 - APPLICANT: US CELLULAR c/o KJK WIRELESS
127 RIDGE ROAD
NASHUA, NH 03062
(603)888-8974
 - POWER COMPANY: CENTRAL MAINE POWER COMPANY
1-800-565-3182
 - TELCO COMPANY: FAIRPOINT COMMUNICATIONS
1-866-984-2001
 - CEO OF MUNICIPALITY: TAMMY MUNSON & BRIAN LAFLAMME
389 CONGRESS STREET
PORTLAND, ME 04101
 - JURISDICTION: PORTLAND, MAINE
 - ZONING DISTRICT: UNIVERSITY OF SOUTHERN MAINE (USM)
 - TAX IDENTIFICATION: 51 E-1
DEED BOOK/PAGE: 12820/130
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988, (NAV88).
 - HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
 - CENTER OF PROPOSED TOWER:
LATITUDE: 43° 39' 40.04" N (NAD 83)
LONGITUDE: 70° 16' 44.07" W (NAD 83)
GROUND EL. = 56.0'±
 - BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM, WEST ZONE, (NAD83).
 - ALL UNDERGROUND UTILITY INFORMATION PRESENTED HEREON WAS DETERMINED FROM SURFACE EVIDENCE AND PLANS OF RECORD. ALL UNDERGROUND UTILITIES SHOULD BE LOCATED IN THE FIELD PRIOR TO COMMENCEMENT OF ALL SITE WORK. CALL DIG SAFE 1(888) 344-7233 A MINIMUM OF 72 HOURS PRIOR TO PLANNED ACTIVITY.
 - PROPERTY IS LOCATED IN FLOOD ZONE "C" AS SHOWN ON FLOOD INSURANCE RATE MAP IN THE CITY OF PORTLAND MAINE, CUMBERLAND COUNTY PANEL 13 OF 17, COMMUNITY PANEL NUMBER 230051-0013-B EFFECTIVE DATE JULY 17, 1986. ZONE "C" IS DEFINED AS AREAS OF MINIMAL FLOODING.

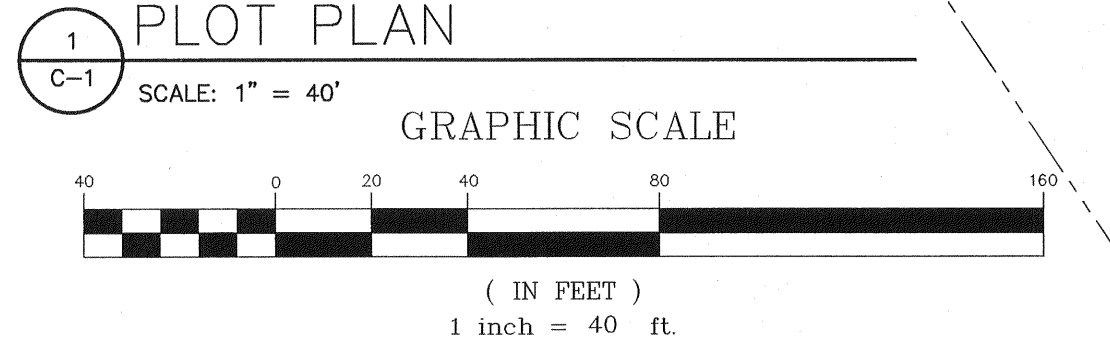
FAA CERTIFICATION - 2C

I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATIONS PRESENTED HEREON MEETS THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:

+/- TWENTY (20) FEET VERTICALLY
+/- FIFTY (50) FEET HORIZONTALLY

JEROME B. WATTS
LICENSED LAND SURVEYOR #1245

DATE: 4/12/12



NOTE:
THIS IS NOT A STANDARD BOUNDARY SURVEY. EXCEPT AS IDENTIFIED BY MONUMENTATION FOUND. ALL BOUNDARIES SHOWN ON THIS PLAN HAVE BEEN COMPILED FROM RECORD DEEDS AND TAX MAPS AND ARE INTENDED TO SHOW THE LOCATIONS OF ABUTTERS LOTS AND ZONING BOUNDARIES ONLY.

THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES. EQUIPMENT INSTALLATION SHALL MEET ALL LOCAL, STATE AND FEDERAL REQUIREMENTS FOR EQUIPMENT EMISSIONS.

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100 Gannett, Suite B, South Portland, ME 04106

ameco
343 Gorham Road, South Portland, ME 04106
P: (207) 761-1770 F: (207) 774-1246 www.amecome.com
AMEC PROJ. NO: 413.180.01

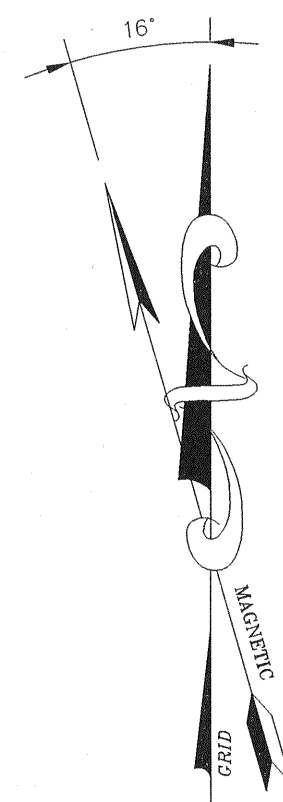
STATE OF MAINE
JEROME B. WATTS
1245
PROFESSIONAL LAND SURVEYOR
4/12/12

SITE NAME: OAKDALE
SITE NUMBER: 853488
ADDRESS: 246 DEERING AVE
PORTLAND, ME 04101
DRAWING TITLE: PLOT PLAN

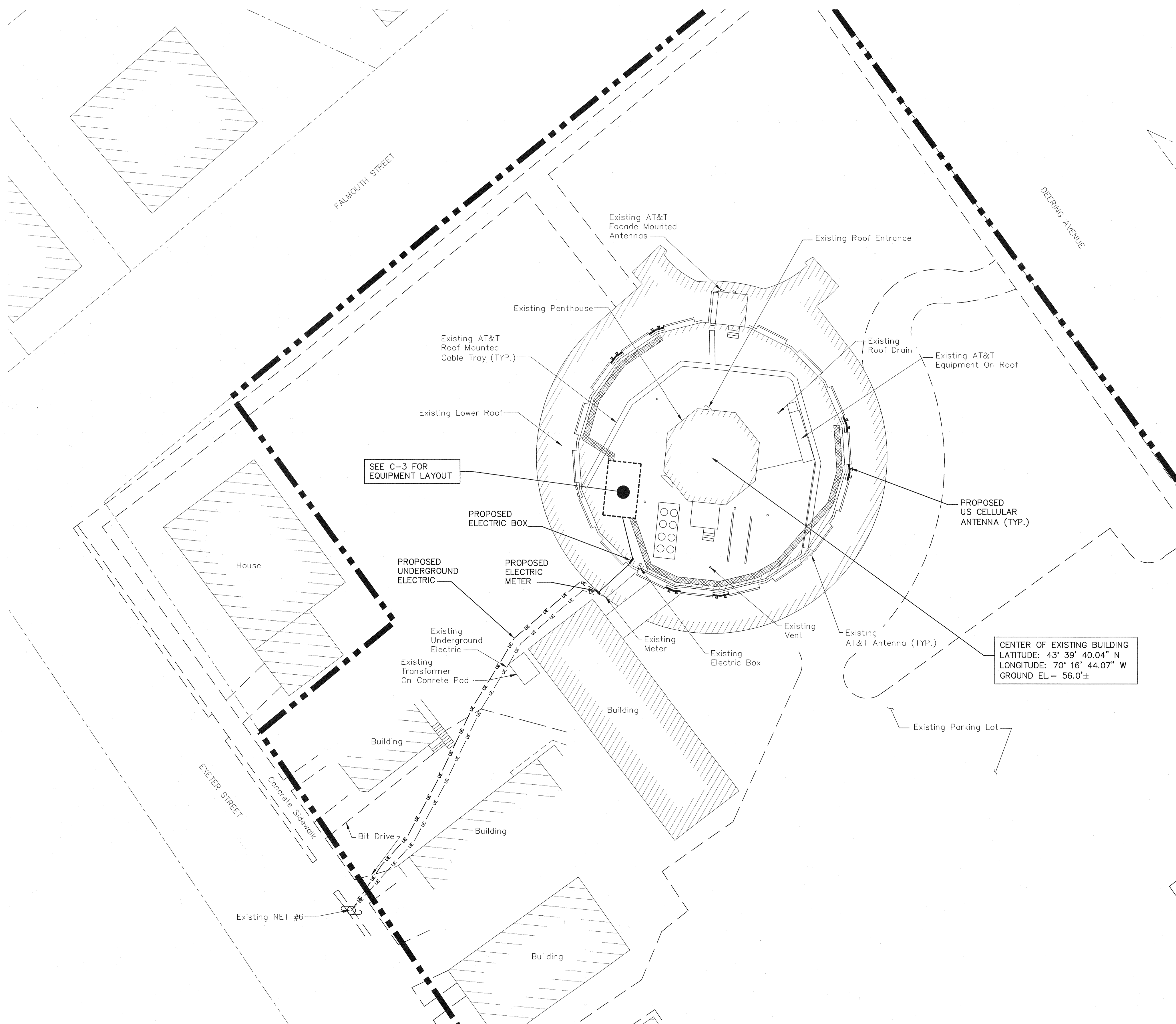
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0	FOR CONSTRUCTION	4/12/12

DESIGNED BY: MSD DATE: 4/12/12
DRAWN BY: CBM SCALE: AS NOTED
CHECKED BY: MSD PROJECT NO.: 413.180.01
DRAWING NO.:

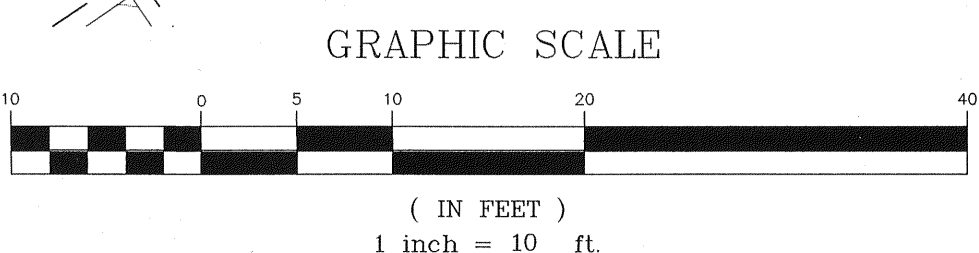
C-I



LEGEND	
	PROPERTY LINE
	ABUTTING PROPERTY LINE
	UTILITY POLE
	EXISTING OVERHEAD ELECTRIC
	PROPOSED OVERHEAD ELECTRIC



1 SITE PLAN
C-2 SCALE: 1"=10'



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100 Gamett Drive, Suite B, South Portland, ME 04106

MICHAEL S. DELETETSKY
No. 5023
LICENSED PROFESSIONAL ENGINEER
12/18/12

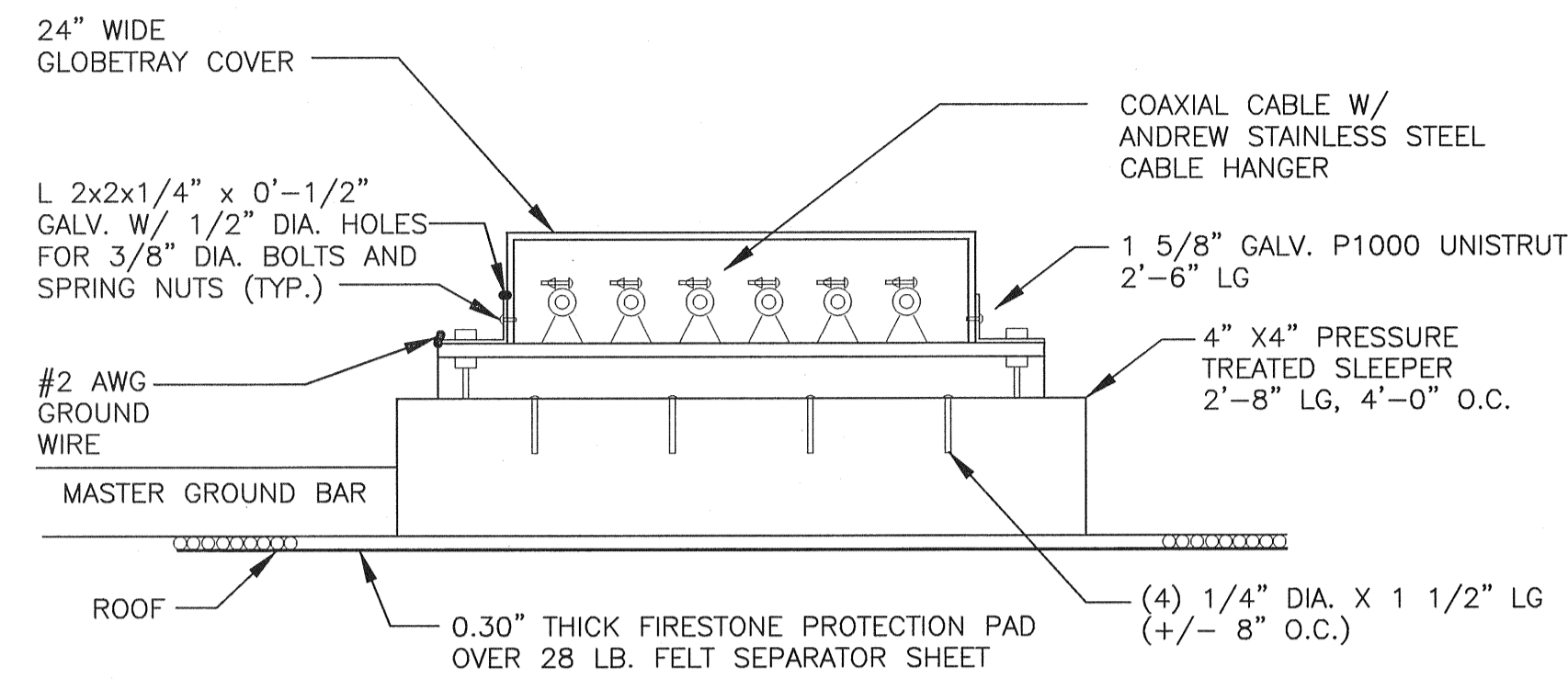
ameco
343 Gorham Road, South Portland, ME 04106
P: (207) 761-1770 F: (207) 774-1246 www.ameco.com
AMEC PROJ. NO: 413.180.01

SITE NAME: OAKDALE	SITE NUMBER: 853488	ADDRESS: 246 DEERING AVE PORTLAND, ME 04101	DRAWING TITLE: SITE PLAN
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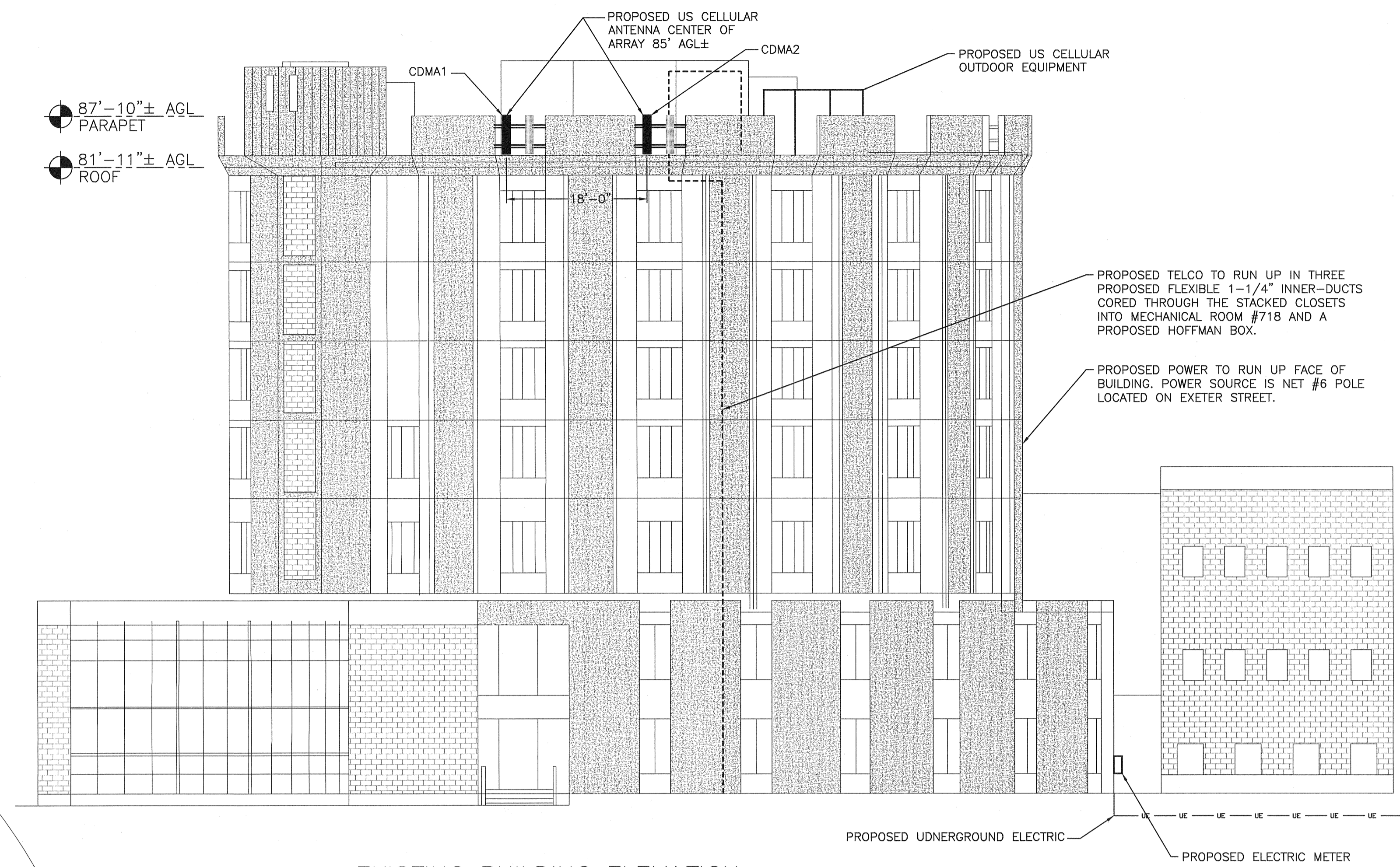
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No.	DESCRIPTION	DATE
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DESIGNED BY: MSD	DATE: 4/12/12
DRAWN BY: CBM	SCALE: AS NOTED
CHECKED BY: MSD	PROJECT NO.: 413.180.01
DRAWING NO.:	

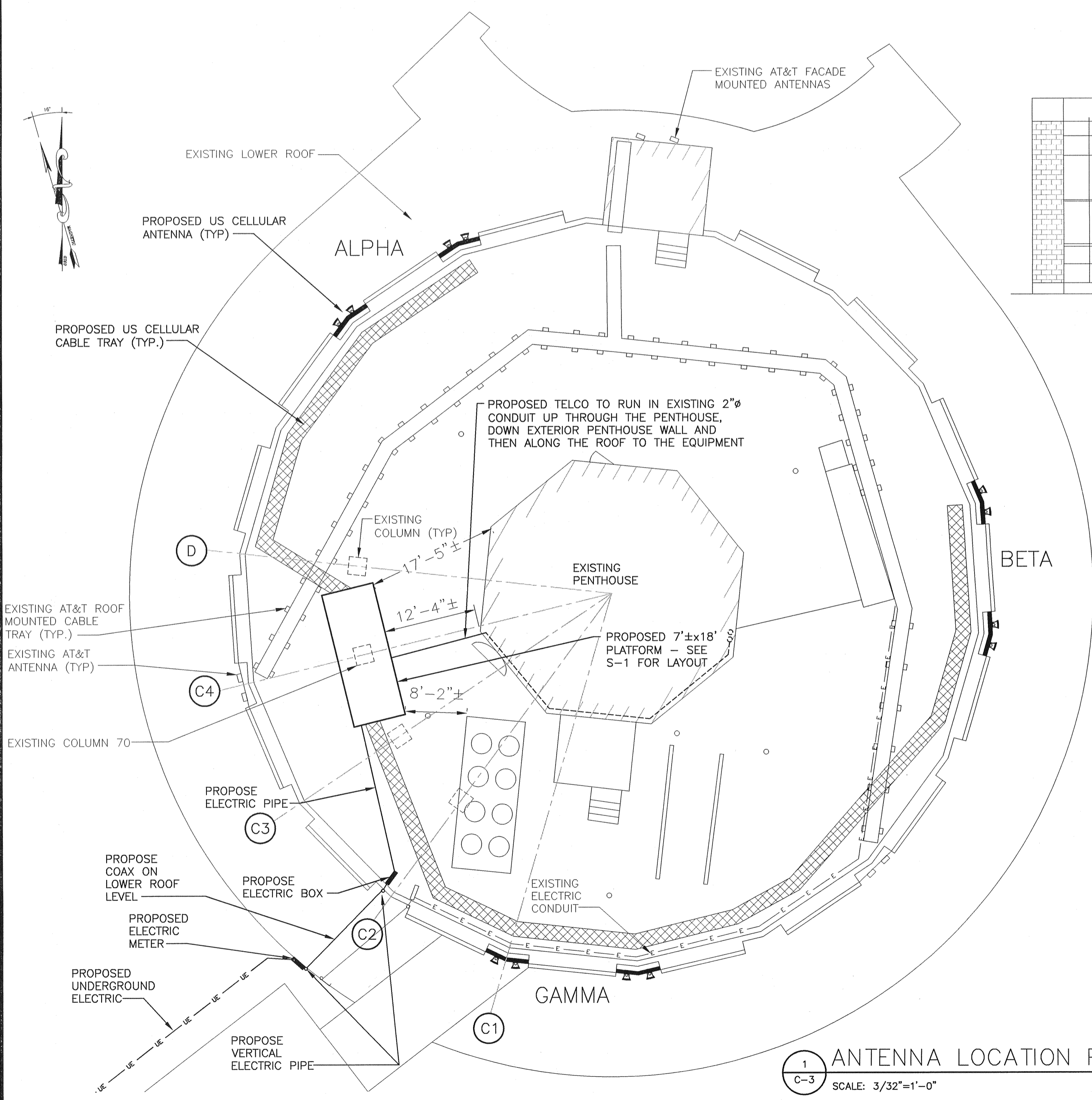
C-2



3 COAX CABLE TRAY ROOFTOP SLEEPER
SCALE: N.T.S.



2 EXISTING BUILDING ELEVATION
SCALE: 3/32"=1'-0"



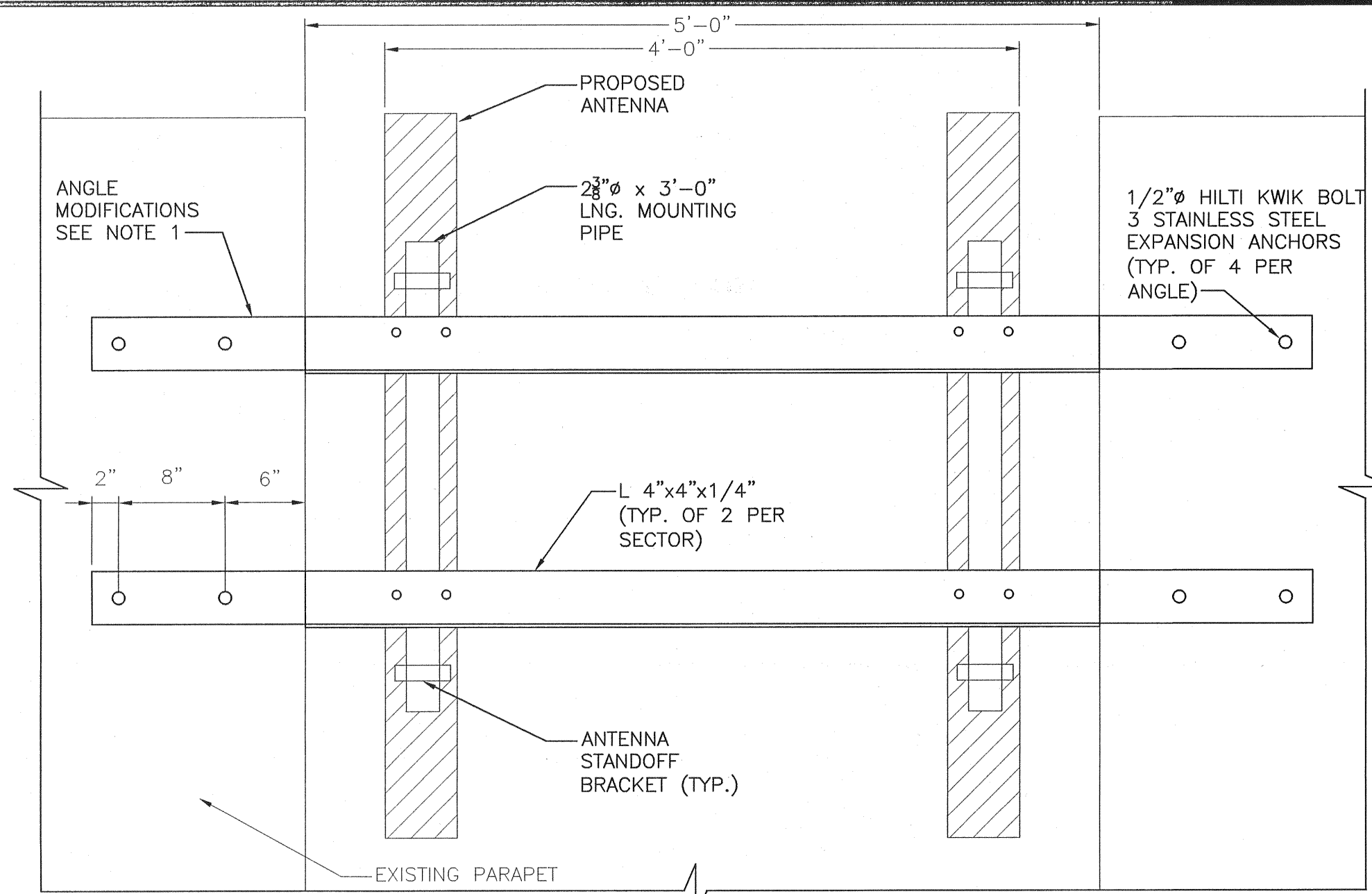
1 ANTENNA LOCATION PLAN
SCALE: 3/32"=1'-0"

NOTE REGARDING TELCO: IF T1'S ARE ORDERED FROM FP TELCO WILL COME FROM THE FP DEMARC AT PAYSON SMITH. COORDINATION WILL BE REQUIRED WITH USM TO THE LAW BUILDING. IF CES IS ORDERED FROM FP USC WILL PICK UP TELCO FROM THE FP DEMARC IN THE BASEMENT OF THE LAW BUILDING. IN EITHER CASE USC MAY BE ABLE TO PURCHASE ONE OF THE SPARE INNERDUCT FROM THE BASEMENT TO THE 7TH FLOOR. CONDUITS WILL NEED TO BE RUN FROM THE 7TH FLOOR TO OUR EQUIPMENT.

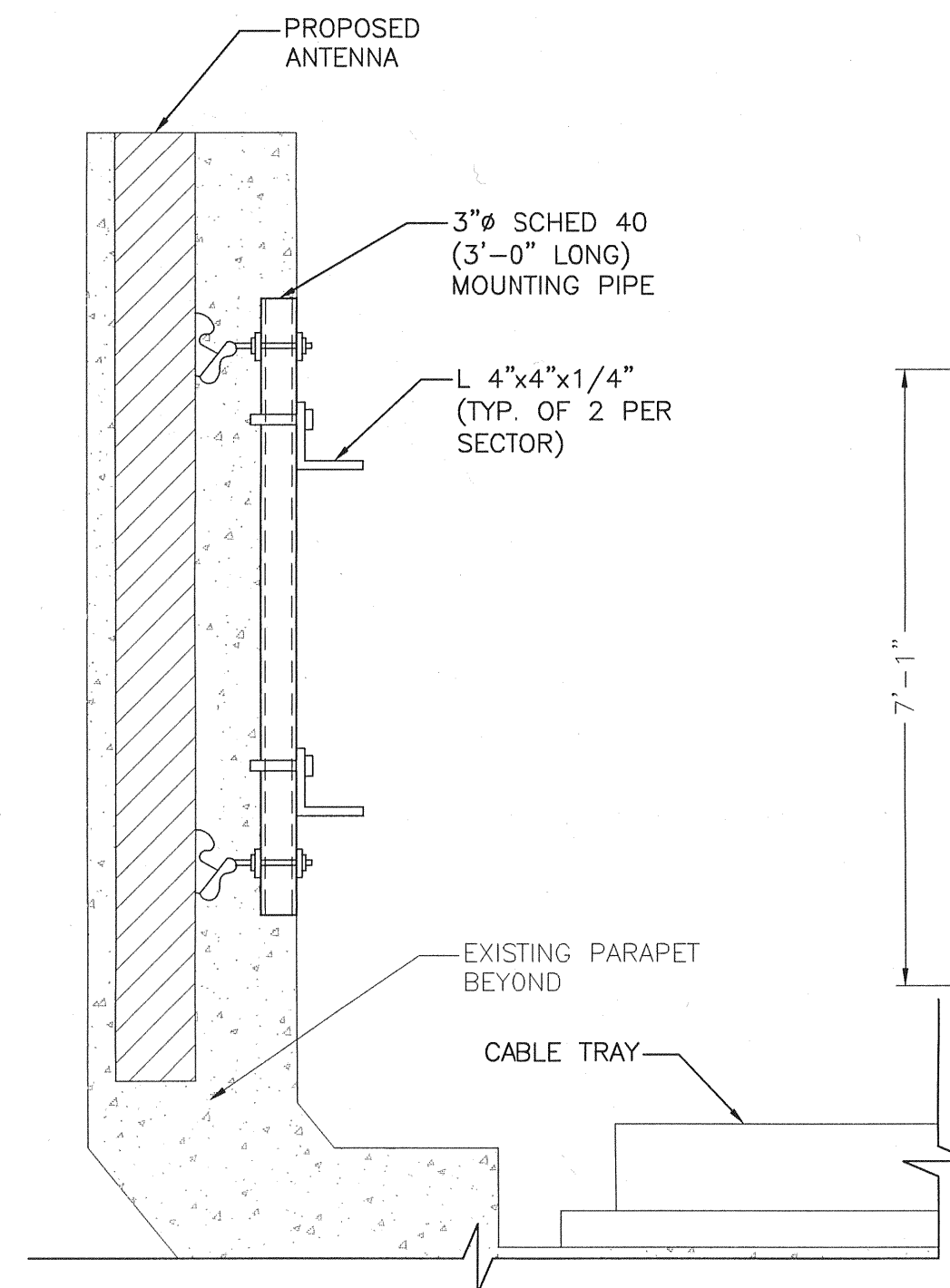
ANTENNA AND COAXIAL CABLE SCHEDULE										
ANTENNA MARK	SECTOR	ANTENNA	COAX CABLE FEED LOC	AZIMUTH (TRUE NORTH)	AZIMUTH (MAGNETIC NORTH)	RAD CENTER	COAXIAL CABLE LENGTH	COAXIAL CABLE	COLOR CODE	MECHANICAL DOWNTILT
A1	ALPHA	800 10618	BOTTOM	340°	356°	85'	90'	AVA7-50 1 5/8" ANDREW	R	0°
A2	1	800 10618	BOTTOM	340°	356°	85'	90'	AVA7-50 1 5/8" ANDREW	R(2X)	0°
B1	BETA	800 10618	BOTTOM	100°	116°	85'	150'	AVA7-50 1 5/8" ANDREW	W	0°
B2	2	800 10618	BOTTOM	100°	116°	85'	150'	AVA7-50 1 5/8" ANDREW	W(2X)	0°
G1	GAMMA	800 10618	BOTTOM	220°	236°	85'	90'	AVA7-50 1 5/8" ANDREW	B	0°
G2	3	800 10618	BOTTOM	220°	236°	85'	90'	AVA7-50 1 5/8" ANDREW	B(2X)	0°

REVISIONS	
NO.	DESCRIPTION
0	FOR CONSTRUCTION

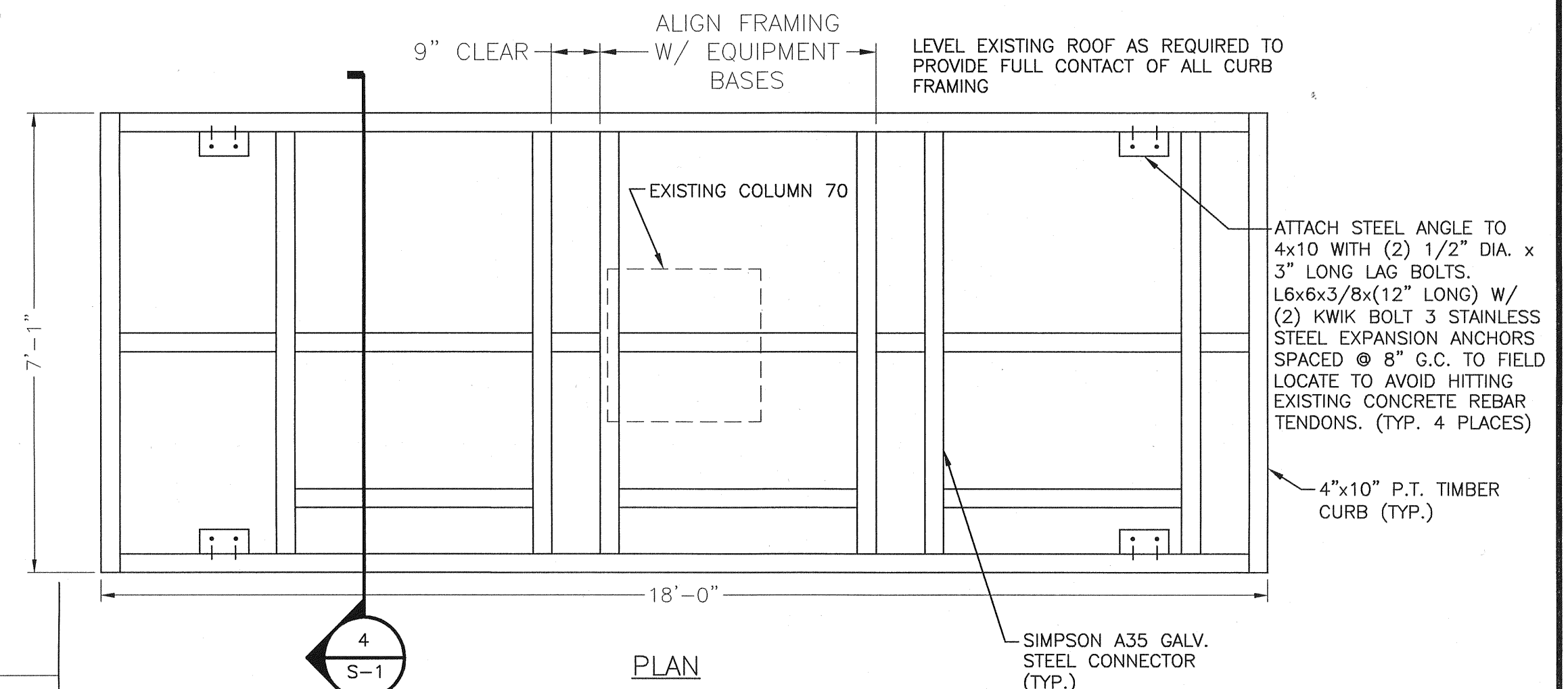
DESIGNED BY: MSD	DATE: 4/12/12
DRAWN BY: CBM	SCALE: AS NOTED
CHECKED BY: MSD	PROJECT No.: 413.180.01
DRAWING No.:	



NOTE:
 1. CUT AND BEND ANGLE FLUSH WITH PARAPET WING. (TYP. OF 2 PER ANGLE)
 2. PRIME AND PAINT ALL MOUNTING BRACKETS AND ANTENNA TO MATCH EXISTING BUILDING FACADE WITH GROUT LINE.

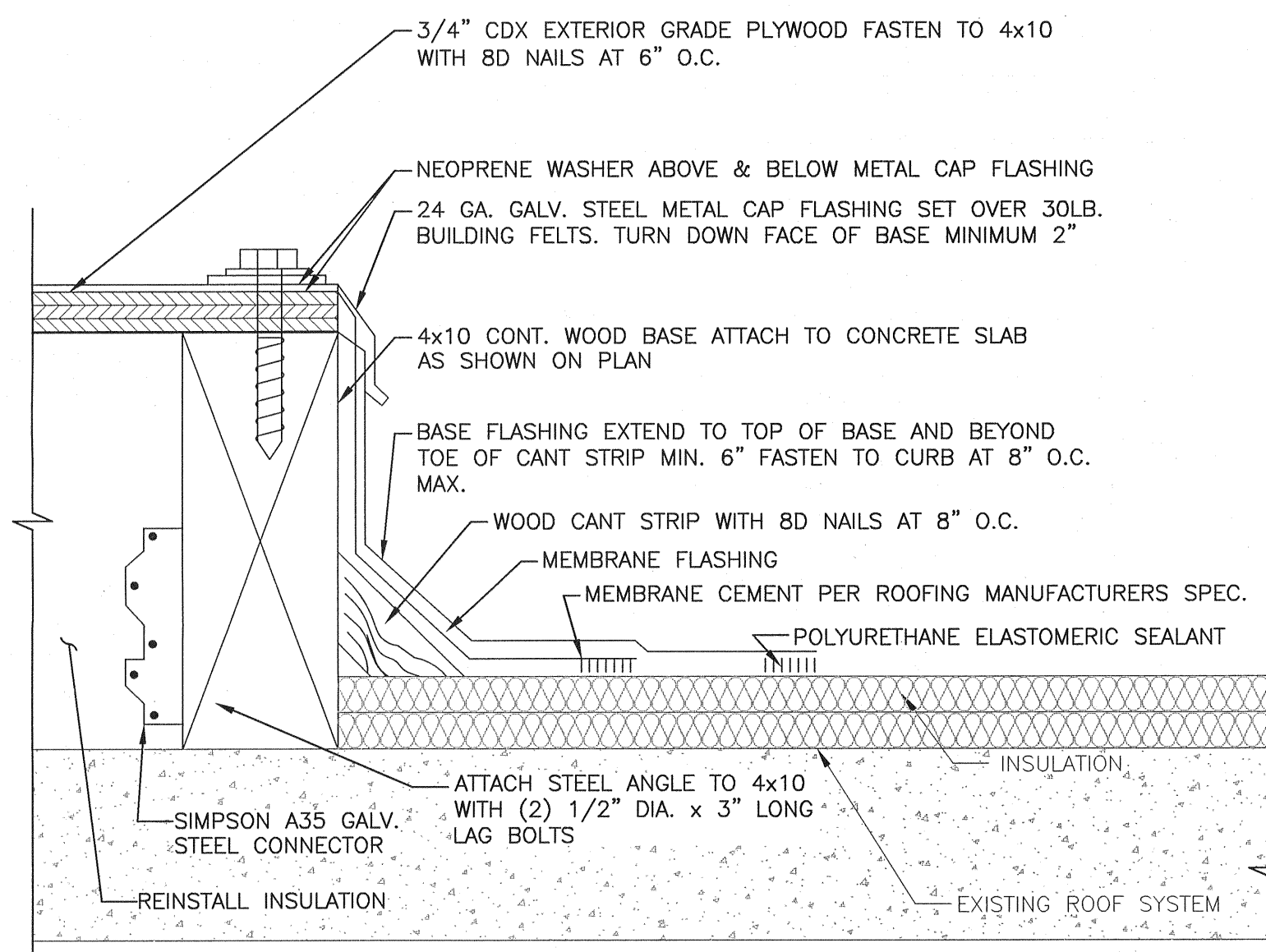


1 ANTENNA MOUNTING DETAILS
 SCALE: N.T.S.

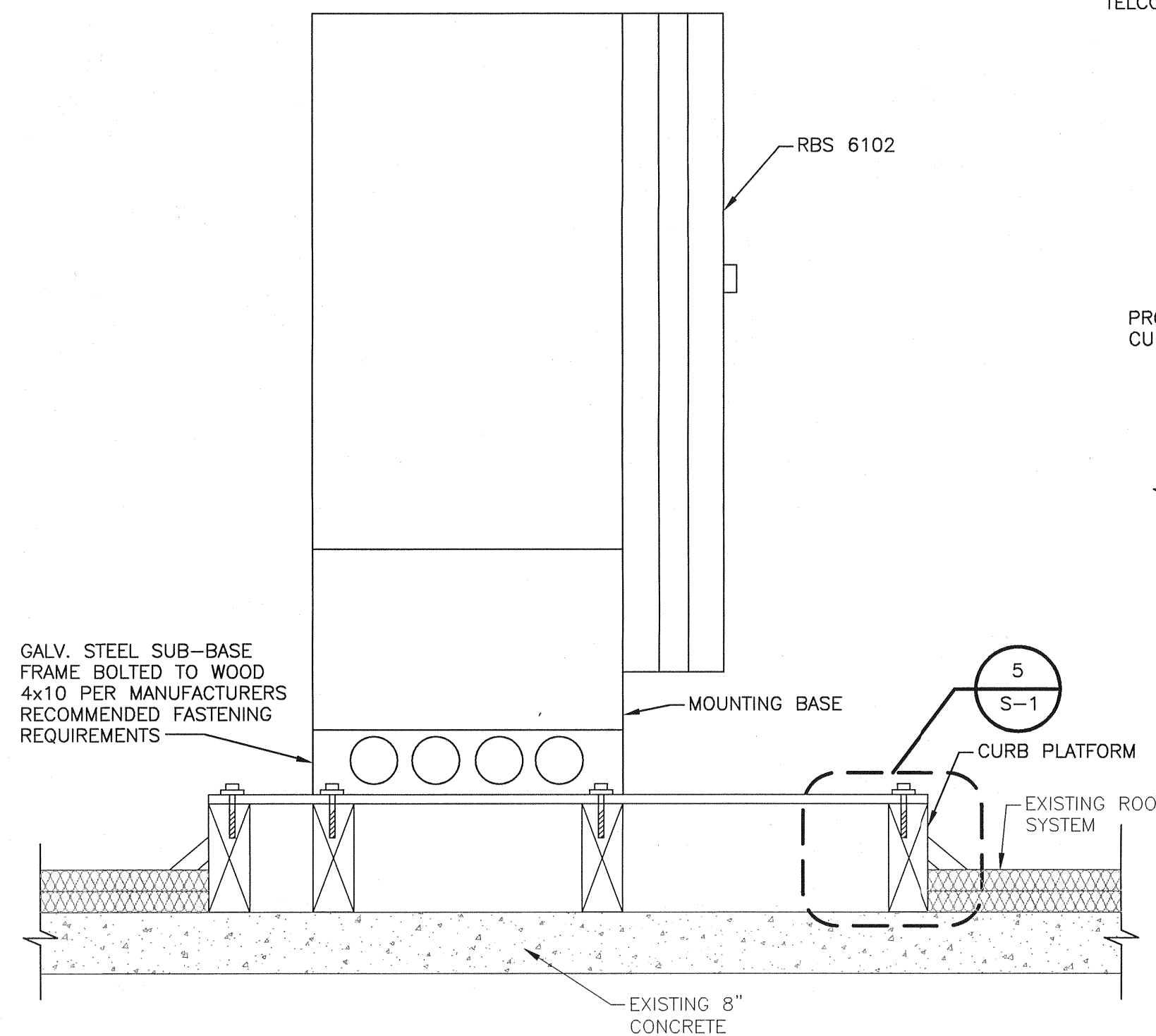


2 PROPOSED CURB PLATFORM
 SCALE: 1/2"=1'

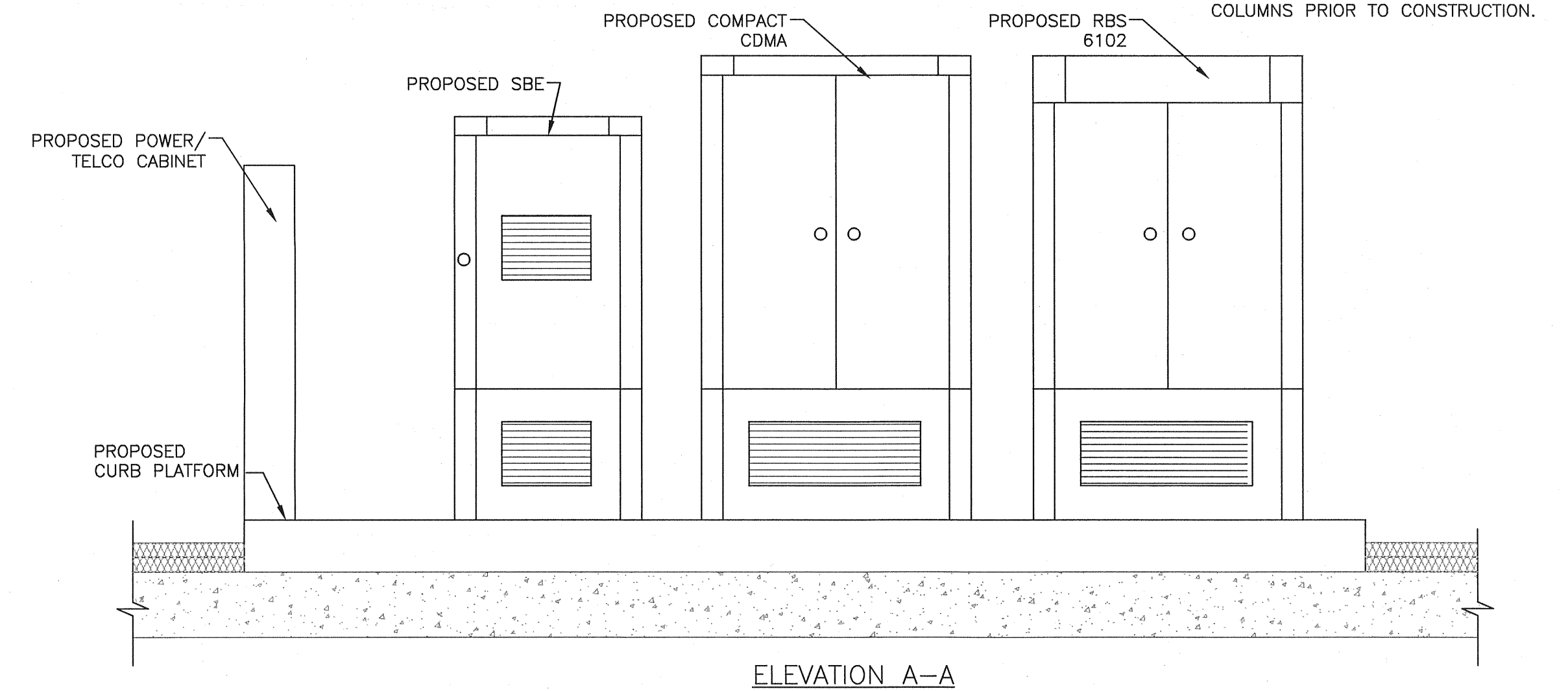
NOTE:
 LOCATION OF PROPOSED CURB PLATFORM DESIGNED FROM EXISTING BUILDING PLANS OBTAINED FROM USM PORTLAND MAINTENANCE DEPARTMENT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING SUPPORT COLUMNS PRIOR TO CONSTRUCTION.



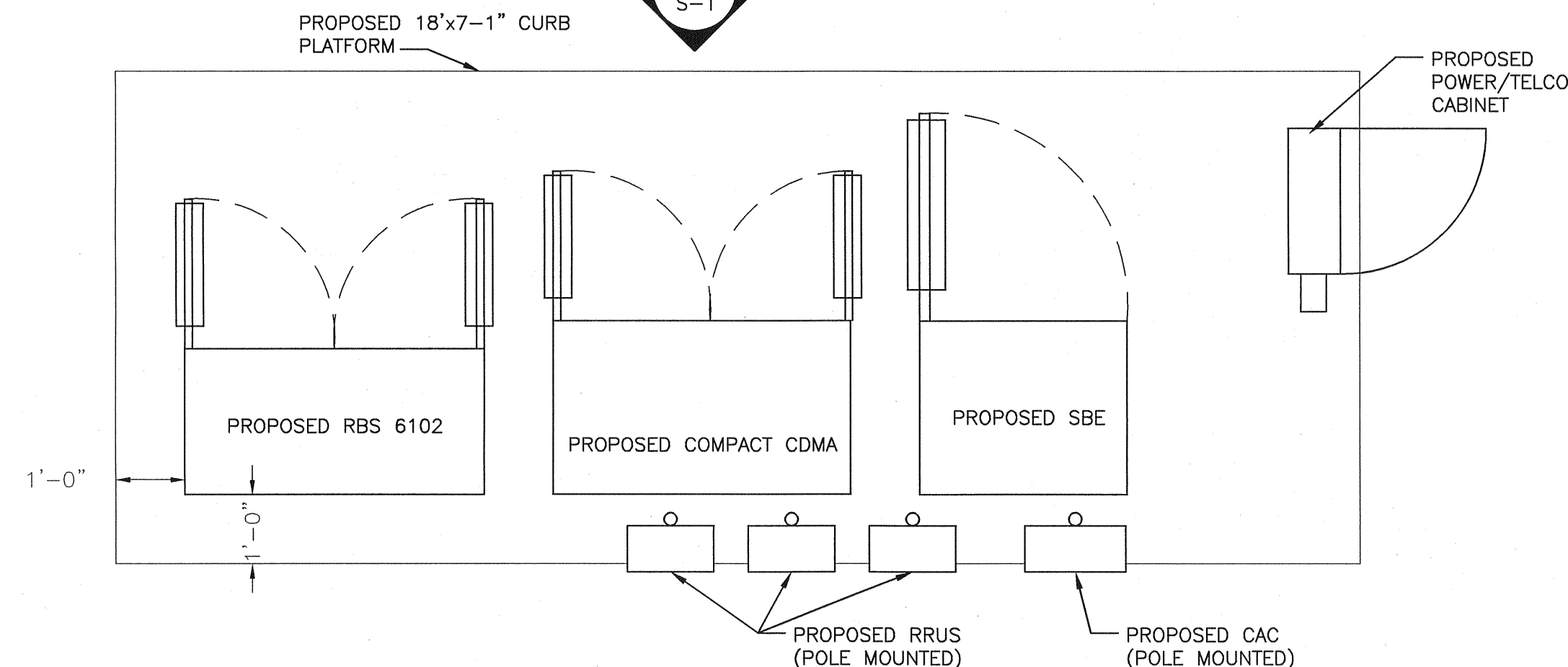
5 DETAIL AT PLATFORM CURB
 SCALE: N.T.S.



4 SECTION AT RBS UNIT
 SCALE: N.T.S.

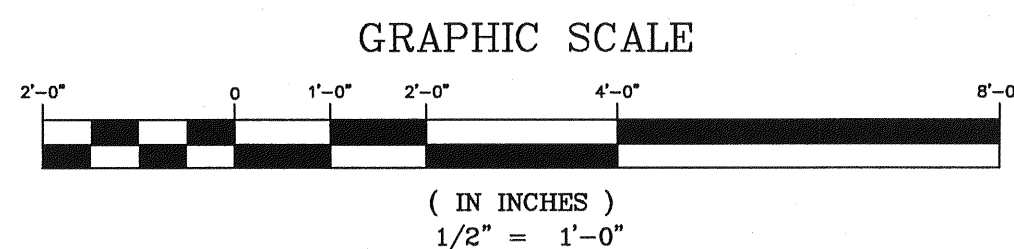


ELEVATION A-A



NOTE:
 THE CONTRACTOR SHALL COORDINATE ALL WORK WITH BUILDING OWNER'S ROOFING CONTRACTOR WHO WILL COMPLETE ALL WORK ASSOCIATED WITH THE ROOF. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE BUILDING OWNER'S ROOFING CONTRACTOR BEFORE INSTALLATION OF EQUIPMENT CURB PLATFORM.

6 EQUIPMENT PLATFORM PLAN
 SCALE: N.T.S.



US Cellular
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 100 Gannett Drive, Suite B, South Portland, ME 04106

MICHAEL S. DELETETSKY
 No. 5023
 LICENSED PROFESSIONAL ENGINEER
 12 APR 2012

ameco
 343 Gannett Road, South Portland, ME 04106
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SITE NAME: OAKDALE
 SITE NUMBER: 853488
 ADDRESS: 246 DEERING AVENUE
 PORTLAND, ME 04101
 DRAWING TITLE: SECTIONS AND DETAILS

REVISIONS		
NO.	DESCRIPTION	DATE
0	ISSUED FOR PERMIT	4/12/12

DESIGNED BY: MSD DATE: 4/12/12
 DRAWN BY: CBM SCALE: AS NOTED
 CHECKED BY: MSD PROJECT NO.: 413.180.01
 DRAWING NO.:

S-1

