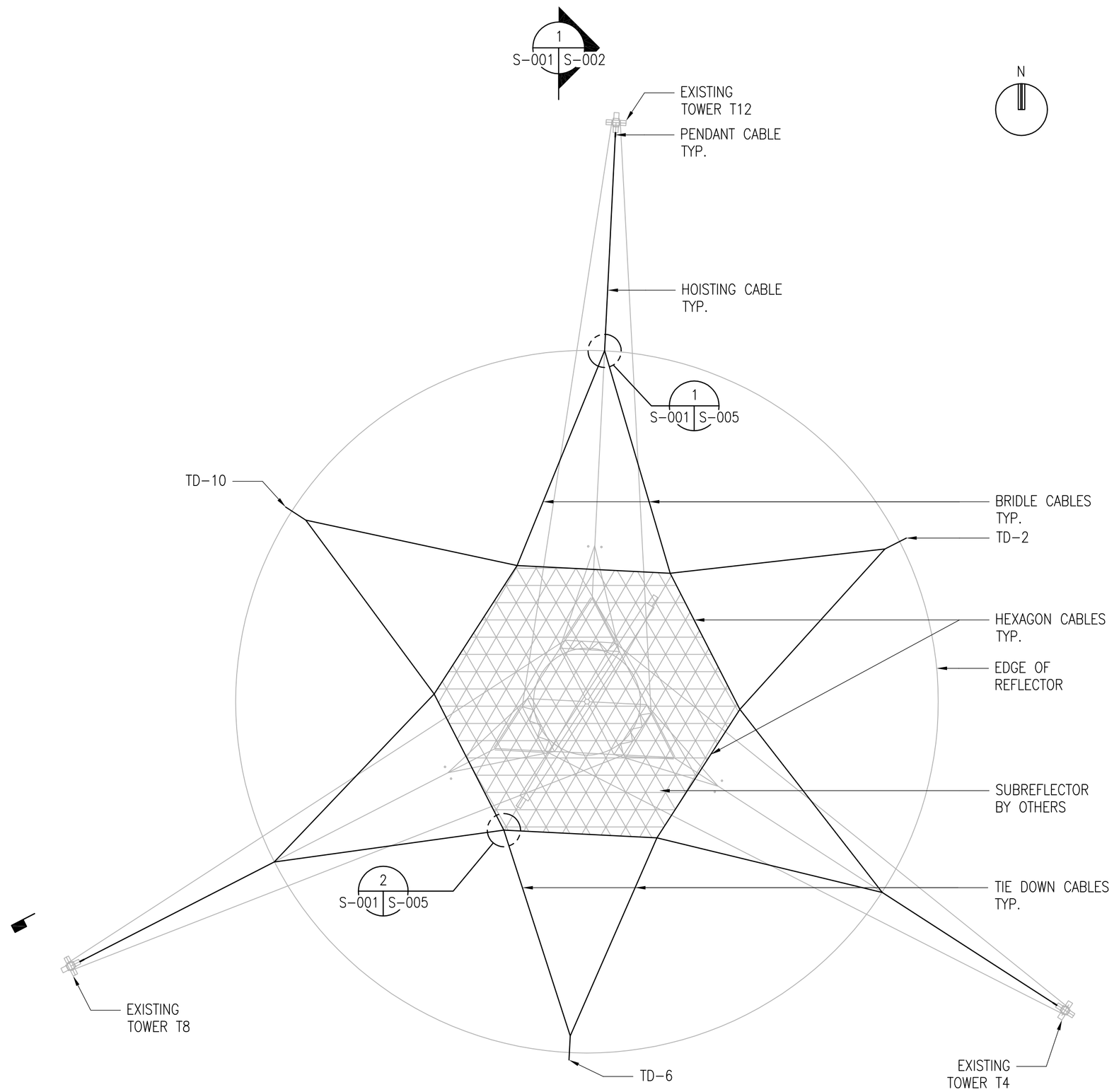
SUBREFLECTOR CABLE SCHEDULE						
MARK	DIAMETER	TYPE	MIN. BREAKING STRENGTH (KIPS)	MAX. TENSION (KIPS)	PRETENSION (LBS)	CABLE LENGTH (FT.)
PENDANT CABLES	3/8"	6x37	15.1	7.80	0	7
HOISTING CABLES	7/16"	6x37	18.2	4.50	10	1100
BRIDLE CABLES	3/8"	6x37	15.1	2.32	0	315
HEXAGON CABLES	3/8"	6x37	15.1	2.25	0	185
TIE DOWN CABLES	3/8"	6x37	15.1	1.36	0	325



SUBREFLECTOR PLAN VIEW

SCALE: 1" = 100'

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET AND BASED ON THE USGS DATUM FOR PUERTO RICO, FOR WHICH MEAN SEA LEVEL IS 0.00 FT.
2. STRUCTURAL WIRE ROPE SHALL CONFORM TO ASTM A___ WITH CLASS _ GALVANIZED COATING.
3. ALL WIRE ROPE END FITTINGS AND ACCESSORIES SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123 OR A153, AS APPLICABLE.
4. WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARD D1.1. (BRIDGE SPECIFICATION SHALL GOVERN.)
5. STRUCTURAL STEEL SHAPES AND PLATES SHALL CONFORM TO ASTM STANDARD A572 GRADE 50.
6. DEAD LOADS:
   2000 LBS. – REFLECTOR
   500 LBS. – WIRE CLIPS, THIMBLES, SNATCH BLOCKS, AND OTHER WIRE ROPE ACCESORIES
7. DESIGN WIND SPEEDS:
   20 MPH OPERATIONAL
   70 MPH LOCKED

FOR COORDINATION PURPOSES ONLY

NATIONAL ASTRONOMY AND IONOSPHERE CENTER
CORNELL UNIVERSITY
ARECIBO RADIO OBSERVATORY

PLAN & GENERAL NOTES

AMMANN & WHITNEY
CONSULTING ENGINEERS, NEW YORK, NY

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DESIGNED BY: JPG		SCALE: 1" = 100'
CHECKED BY: JLS		DWG. NO. S-001