



JOINT DETAIL
BUTYL RUBBER JOINT
PER ASTM C-990

72" DIAMETER BASE WITH TOP SLAB

GENERAL NOTES:

1. 5000 PSI CONCRETE AT 28 DAYS.
2. CONSTRUCTION PER NJDOT SPECIFICATION.
HS-25 DESIGN BY A LICENSED NJ PROFESSIONAL ENGINEER.
3. UNIT HEIGHTS AS REQUIRED - IN 12" INCREMENTS
4. ANY ALTERATION TO THIS DRAWING MUST BE MADE TO GARDEN STATE PRECAST IN WRITING PRIOR TO PRODUCTION.
5. GRADE-INVERT ELEVATION < 4.0 FEET- NO STEPS ARE REQUIRED.
6. DRAWING NOT TO SCALE
7. INVERT LOCATION TO BE WITHIN A TOLERANCE OF +/- 1".
8. STEEL REINFORCED COPOLYMER STEPS @ 12" O.C.

REINFORCEMENT

WELDED WIRE FABRIC PER ASTM A-185, GRADE 70
REINFORCEMENT BARS PER ASTM A-615 GRADE 60

SEPTEMBER 2019

SHEET
1
OF
1

WEIGHT
8" BASE = 4,600 LBS
PER VERTICAL FOOT = 1,800 LBS
10" TOP SLAB = 4,860 LBS

PRECAST
72" DIAMETER SAN. MANHOLE
ASSEMBLY WITH TOP SLAB

GARDEN STATE PRECAST
FARMINGDALE, N.J.
PHONE #: 732-938-4436 FAX #: 732-938-7096

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