

LID & FRAME SUPPLIED BY ADS FOR LOADS NOT TO EXCEED HL-93;
SEE STD-414 FOR FURTHER DETAILS OF FRAME & COVER.
ALTERNATE LID & FRAME BY OTHERS AS ALLOWED PER DESIGN
ENGINEER. FRAME TO BE SUPPORTED BY CONCRETE COLLAR.

FRAME AND GRATE
(BY OTHERS). RISER OD
SHALL BE 32.0" (813mm)

CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY.
ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO
CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER
APPLICABLE DESIGN FACTORS.

ASPHALT OR TURF

MIN. AS SPECIFIED BY OTHERS,
BUT NOT LESS THAN 8" (200mm)

MIN. AS SPECIFIED
BY OTHERS, BUT
NOT LESS THAN
18" (450mm)

12" MIN. TO
TOP OF PIPE

BUTYL SEALANT
RECOMMENDED

WIDTH OF BACKFILL
18" MINIMUM

NOTES:

- 1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - FRAMES & REDUCING PLATE SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - 48" POLYPROPYLENE BASINS ARE TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- 4 - ADAPTERS CAN BE MOUNTED ON ANGLES 0° TO 359°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7009-110-026
- 5 - AVOID CONSTRUCTION LOADING ON REDUCING PLATE AND STRUCTURE PRIOR TO CONCRETE COLLAR INSTALLATION.

(1) 10'
MAXIMUM

CLASS I BACKFILL & BEDDING, PER ASTM D2321,
MATERIAL SHALL BE WELL PLACED UNIFORMLY
AROUND STRUCTURE AND INLET CONNECTIONS
AND COMPACTED IN 8" MAX LIFTS

12" - 36" HP PIPE STUB
4" - 10" INSERTA-TEE (NOT SHOWN)
SPECIFY DIAMETER, LOCATION
& CONNECTION TYPE

48" ADS TRIPLE WALL
POLYPROPYLENE RISER

VARIES,
6" (150MM) MINIMUM

BEDDING THICKNESS MUST BE SPECIFIED BY
DESIGN ENGINEER TO BE ADEQUATE SUPPORT
FOR LOADING AND SOIL CONDITIONS, BUT NOT
LESS THAN 6" (150MM)

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STANDARD DETAIL
48" POLYPROPYLENE BASIN W/ FLAT
FRAME TOP INSTALLATION (48")

DRAWING NUMBER STD-403



4640 TRUEMAN BLVD
HILLIARD, OH 43026

DRAWN BY:	NMH
DATE:	01/30/23
OK'S BY:	
SCALE:	NTS
SHEET:	1 OF 1