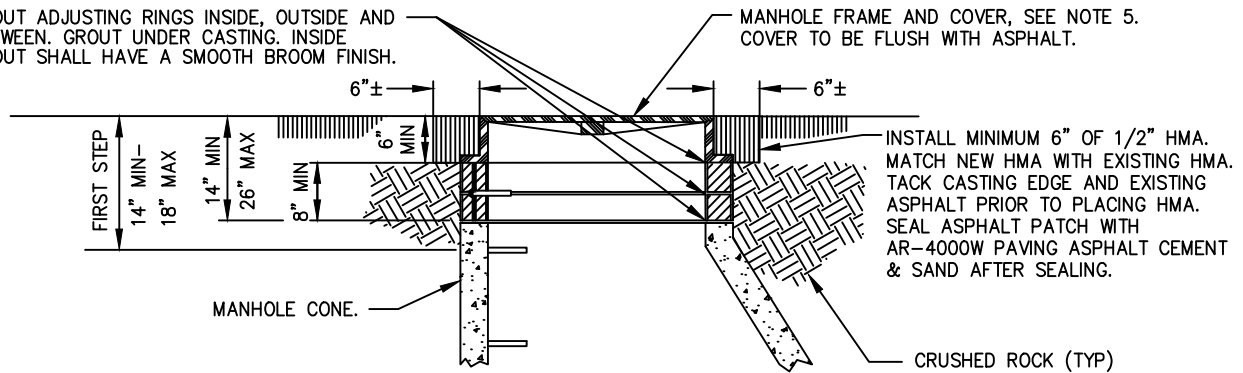
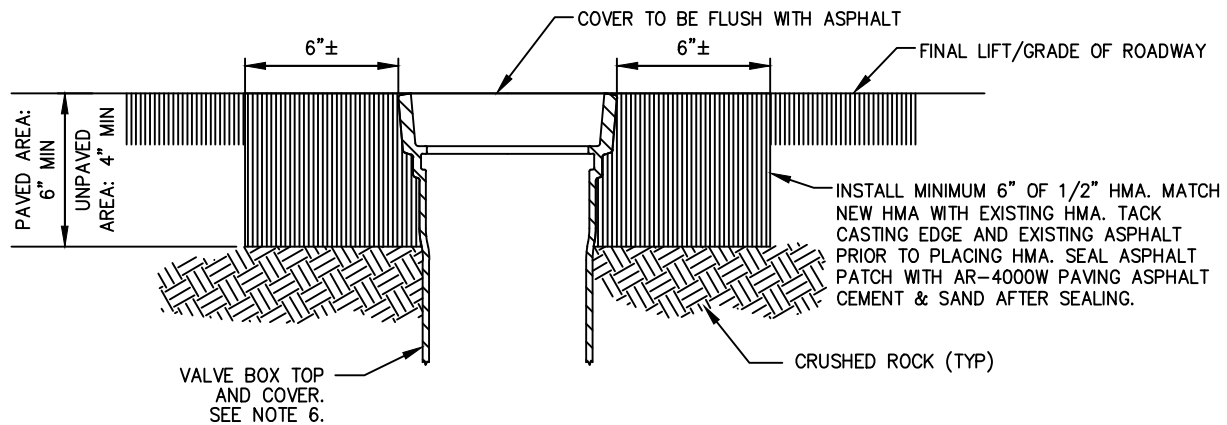


GROUT ADJUSTING RINGS INSIDE, OUTSIDE AND BETWEEN. GROUT UNDER CASTING. INSIDE GROUT SHALL HAVE A SMOOTH BROOM FINISH.



MANHOLE FRAME & COVER



VALVE BOX

NOTES:

1. PRIOR TO CASTING ADJUSTMENT, CONTRACTOR TO PROTECT EXISTING FACILITIES. FOR SEWER MANHOLES, COVER THE BASE AND CHANNEL TO PREVENT DEBRIS FROM ENTERING THE SEWER SYSTEM. FOR WATER VALVE BOXES, PROTECT WATER VALVE TO PREVENT DEBRIS FROM IMPACTING THE OPERATING NUT. WHEN REMOVAL AND REPLACEMENT OF VALVE BOX TOP IS REQUIRED, ALL DIRT AND DEBRIS IS TO BE REMOVED FROM AROUND OPERATING NUT BEFORE PLACING NEW VALVE BOX TOP.
2. SEE STANDARDS FOR INSTALLATION, "ADJUSTMENT OF NEW AND EXISTING UTILITY STRUCTURES TO GRADE", FOR ADDITIONAL INFORMATION REGARDING RAISING CASTINGS TO GRADE.
3. AN ASPHALT COLLAR IS REQUIRED ON ALL INSTALLATIONS IN PAVED AREAS. THICKNESS OF COLLAR TO BE 6" FOR ALL NUD CASTINGS.
4. AN ASPHALT OR CONCRETE COLLAR IS REQUIRED ON ALL INSTALLATIONS IN UNIMPROVED OR UNPAVED AREAS. CONCRETE SHALL HAVE A BROOM OR TROWEL FINISH. THICKNESS OF COLLAR SHALL BE 6" FOR MANHOLE FRAME AND COVERS, AND 4" FOR VALVE BOX TOPS.
5. MANHOLE FRAME AND COVER SHALL BE EAST JORDAN IRONWORKS ERGO ASSEMBLY, PART #001040105L01.
6. CAST IRON VALVE BOX TOP AND COVER SHALL BE EAST JORDAN IRONWORKS: VALVE BOX COVER, PART #06800209, AND VALVE BOX TOP, PART #85557016U.
7. DURING CONSTRUCTION, UTILITIES MUST BE IDENTIFIED AND REMAIN ACCESSIBLE AT ALL TIMES.

CASTING ADJUSTMENT

NOT TO SCALE

DETAIL APPROVALS

EDITOR TMC

ENG. DIR. CF

NORTHSHORE UTILITY DISTRICT

2025 STANDARD WATER DETAIL

22

LAST UPDATED
MAY 2025