

**THRUST BLOCKING** 

NOT TO SCALE



WITH TIE RODS AND BLOCKING. 2. MECHANICAL JOINTS WITH MEGALUGS OR APPROVED EQUAL.

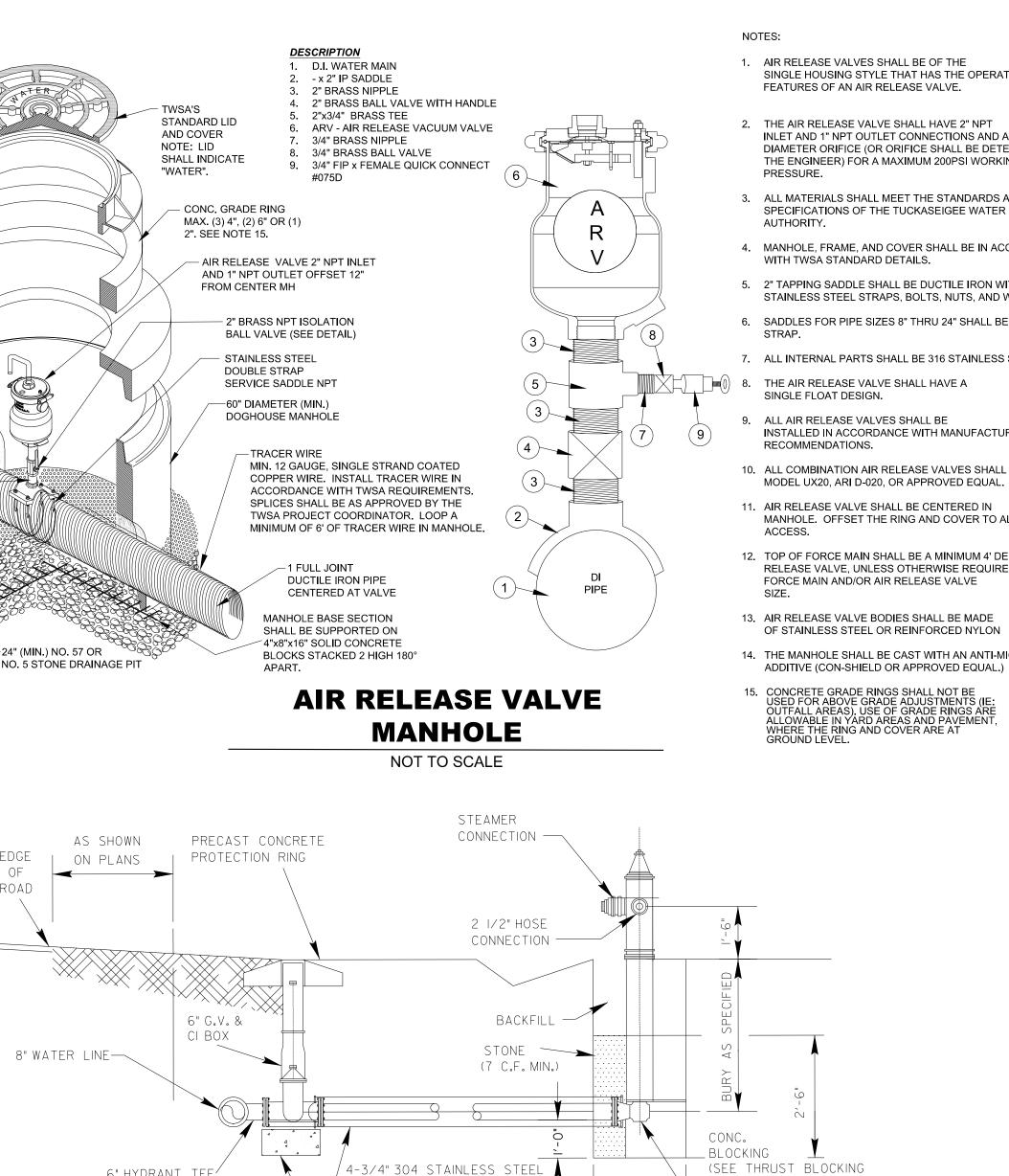
- MASONRY BLOCK

6" HYDRANT TEE

I. TIE HYDRANT TO MAIN LINE

## **TYPICAL FIRE HYDRANT INSTALLATION DETAIL**

TIE RODS WITH BRACKETS



R/W

OF WAY | PROPERTY

-

-3/4" x 5/8" Meter Yoke

WITH LOCK WING METER STOP

-5/8" x 3/4" meter to

— TEMPORARY PLUG FOR

SERVICES NOT TO BE

-6" OF #57 WASHED STONE BASE

IMMEDIATELY CONNECTED.

BE INSTALLED BY OWNER

CONNECTION TO

UNIT BY LAND

OWNER

—17" MIN —

-3/4" BRASS

CORP. STOP

NOTE: METER BOX TO BE SUPPORTED ON BRICK OR BLOCK

3/4" TO 1" SERVICE

**CONNECTION AND METER** 

NOT TO SCALE

-

PUBLIC RIGHT | PRIVATE

METER BOX PER

TRACER WIRE

PER OWNER

FROM MAIN TO

WATER METER -

TAPPING SADDLE

REQUIREMENTS —

WATER MAIN -

Allen (

EDGE

OF

ROAD

<u>Note</u>:

OWNERS REQUIREMENTS

PROVIDE 24" NEATLY

<u>\* \* \* \* \*</u>

VARIABLE-

PLASTIC SDR97

3/4" P.E.

COILED WIRE IN BOX

- 1. AIR RELEASE VALVES SHALL BE OF THE SINGLE HOUSING STYLE THAT HAS THE OPERATING FEATURES OF AN AIR RELEASE VALVE.
- 2. THE AIR RELEASE VALVE SHALL HAVE 2" NPT INLET AND 1" NPT OUTLET CONNECTIONS AND A 3/16 INCH DIAMETER ORIFICE (OR ORIFICE SHALL BE DETERMINED BY THE ENGINEER) FOR A MAXIMUM 200PSI WORKING
- 3. ALL MATERIALS SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE TUCKASEIGEE WATER & SEWER
- 4. MANHOLE, FRAME, AND COVER SHALL BE IN ACCORDANCE
- 5. 2" TAPPING SADDLE SHALL BE DUCTILE IRON WITH STAINLESS STEEL STRAPS, BOLTS, NUTS, AND WASHERS.
- 6. SADDLES FOR PIPE SIZES 8" THRU 24" SHALL BE DOUBLE
- 7. ALL INTERNAL PARTS SHALL BE 316 STAINLESS STEEL.
- 8. THE AIR RELEASE VALVE SHALL HAVE A
- 9. ALL AIR RELEASE VALVES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER
- 10. ALL COMBINATION AIR RELEASE VALVES SHALL BE CRISPIN MODEL UX20, ARI D-020, OR APPROVED EQUAL.
- 11. AIR RELEASE VALVE SHALL BE CENTERED IN MANHOLE. OFFSET THE RING AND COVER TO ALLOW
- 12. TOP OF FORCE MAIN SHALL BE A MINIMUM 4' DEEP AT AIR RELEASE VALVE, UNLESS OTHERWISE REQUIRED DUE TO FORCE MAIN AND/OR AIR RELEASE VALVE
- 13. AIR RELEASE VALVE BODIES SHALL BE MADE
- 14. THE MANHOLE SHALL BE CAST WITH AN ANTI-MICROBIAL

TABLE THIS SHEET)

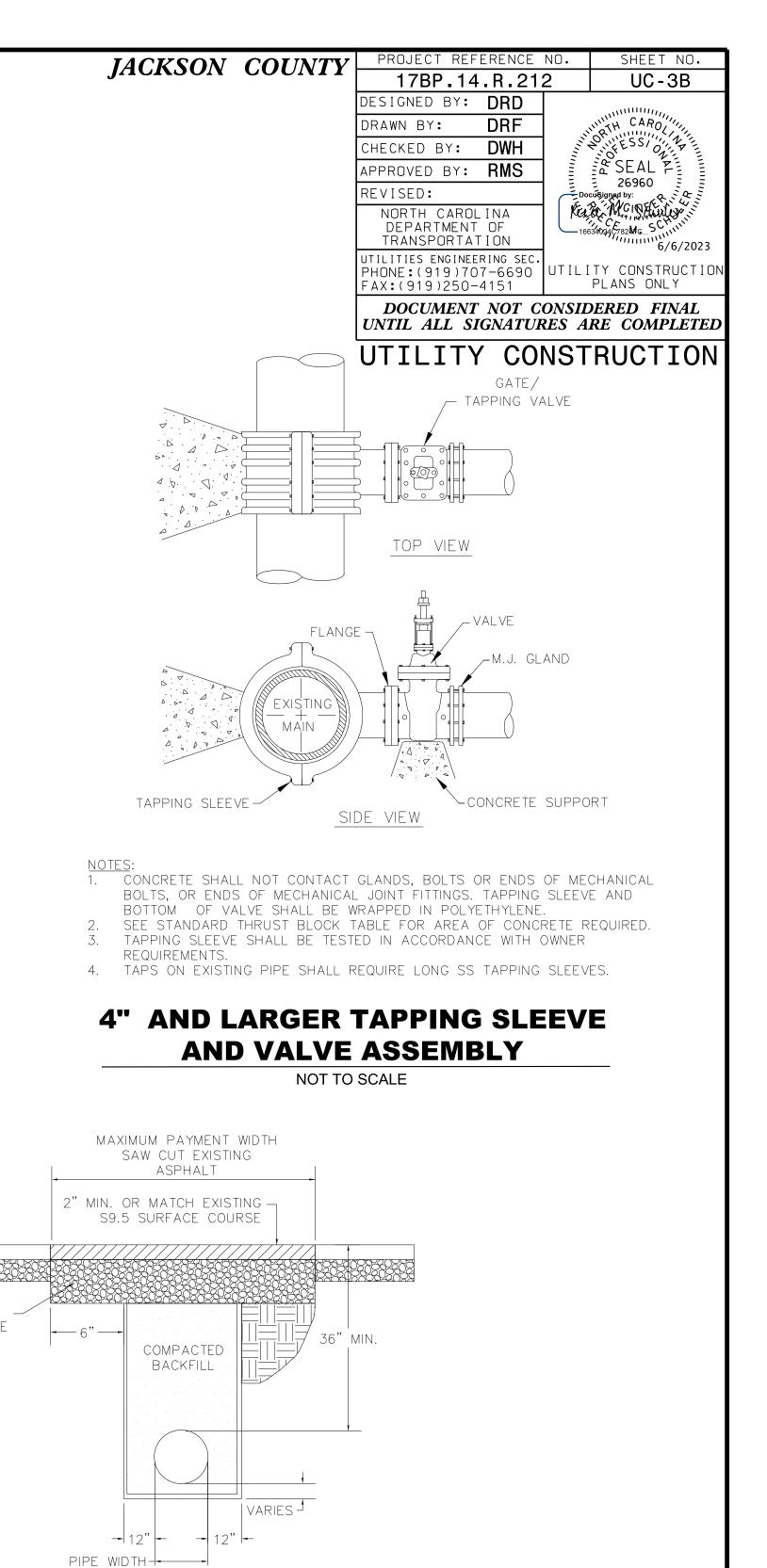
-WEEP HOLE TO

REMAIN OPEN

2'-0"

MIN. 8" COMPACTED ABC AGGREGATE BASE

- NOTES:
- SPECIFICATIONS.



1. THE PAVEMENT SHALL BE DEFINED BY A STRAIGHT EDGE, PREFERABLY A MACHINED SAW CUT. 2. THE TRENCH SUBGRADE MATERIAL SHALL BE BACKFILLED WITH DRY SOIL OR ABC STONE TO THE BOTTOM OF THE PROPOSED SUBGRADE. THE BACKFILL

SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT 3. WITHIN ROADS MAINTAINED BY NCDOT, THE TRENCH SHALL BE BACKFILLED AND

COMPACTED IN ACCORDANCE WITH NCDOT STANDARDS. 4. THE ENTIRE THICKNESS/VERTICAL EDGE OF THE CUT SHALL BE TACKED. THE SAME DEPTH OF PAVEMENT MATERIAL WHICH EXISTS SHALL BE

REINSTALLED, BUT IN NO CASE SHALL THE ASPHALT BE LESS THAN 2" THICK 6. THE ASPHALT PAVEMENT MATERIAL SHALL BE INSTALLED AND COMPACTED THOROUGHLY TO ACHIEVE A SMOOTH LEVEL PATCH.





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