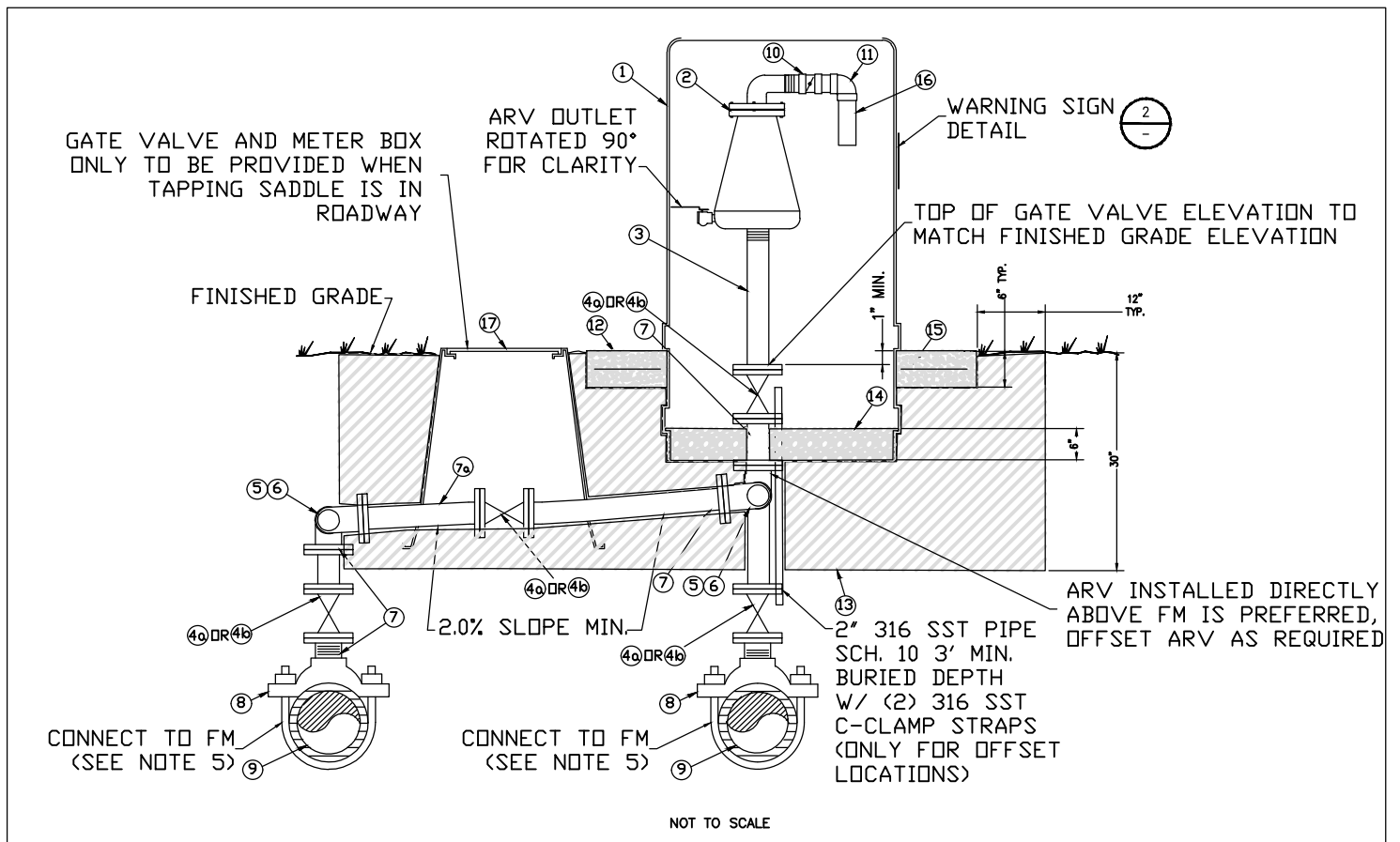
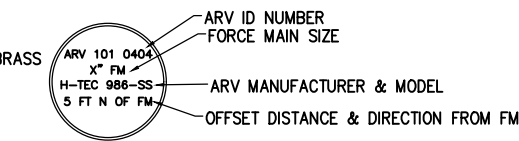




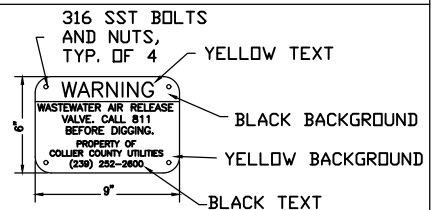
NOTE:  
PROVIDE 3" DIAMETER BRASS DISC ANCHORED IN CONCRETE SLAB.



1 ARV BRASS DISC DETAIL  
NOT TO SCALE

NOTE:

WARNING SIGN SHALL BE ATTACHED TO ENCLOSURE AND SHALL BE FIBERGLASS.



2 WARNING SIGN DETAIL  
NOT TO SCALE

| MATERIAL |         |                                                                                                                      |
|----------|---------|----------------------------------------------------------------------------------------------------------------------|
| ITEM     | QUANT.  | DESCRIPTION                                                                                                          |
| 1        | 1       | VENTED ENCLOSURE, WATER PLUS H30 MODEL FOR 2" & 3" ARVS, WATER PLUS H40 MODEL FOR ARVS ≥4"                           |
| 2        | 1       | AIR RELEASE VALVE, (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F) (2" AND 3" THR, ≥4" FLG)                           |
| 3        | 1       | SCH 80 PVC NIPPLE, LENGTH AS REQUIRED, THR X THR (2" & 3" ARV), 316 SST VAN STONE FLANGE (VSF) X 316 VSF (≥4" ARV)   |
| 4a       | UP TO 3 | 2" DR 3" 316 SST BALL VALVE, FULL PORT, 316 SST HANDLE (THR)                                                         |
| 4b       | UP TO 3 | 4" - 8" PLUG VALVE (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F) (FLG)                                              |
| 5        | UP TO 4 | 90° ELBOW, 316 SST (THR FOR 2" AND 3" ARVS, FLG FOR ≥4" ARVS)                                                        |
| 6        | 2       | SHORT NIPPLE, 316 SST, (THR BOTH ENDS FOR 2" AND 3" ARVS, FLG FOR ≥4" ARV)                                           |
| 7        | 2       | 316 SST PIPE, LENGTH AS REQUIRED, THR CONN FOR 2" AND 3", FLG CONN ≥4"                                               |
| 7a       | 2       | 2" PE 3408/3608 FOR 2" ARVS. 3" - 8" HDPE PIPE, PE 3608, DR 17 FOR ARVS 3" - 8".                                     |
| 8        | 1       | DOUBLE STRAP TAPPING SADDLE, 316 SST WITH THREADED OUTLET FOR 2" & 3" ARV'S, DI TEE (MJ X MJ X FLANGE) FOR ARV'S ≥4" |
| 9        | 2       | 4" & LARGER PIPE, D.I. DR PVC (DR-18)                                                                                |
| 10       | 1       | 1-1/2" CHECK VALVE, PVC, BY ARV MANUFACTURER                                                                         |
| 11       | 1       | 1-1/2" X 90° ELBOW, PVC SCH 80, BY ARV MANUFACTURER                                                                  |
| 12       | 1       | CONCRETE SLAB FOR ENCLOSURES, 3000 PSI CONCRETE                                                                      |
| 13       | 1       | COMPACTED FILL PER COLLIER COUNTY TYPICAL DETAIL, G-1                                                                |
| 14       | 1       | 57 STONE                                                                                                             |
| 15       | 1       | (2) #4 BARS CONTINUOUS & (4) #4 BARS DIAGONAL (2" MIN. COVER)                                                        |
| 16       | 1       | 1-1/2" SCH 80 PVC, LENGTH AS REQUIRED                                                                                |
| 17       | 1       | 12" ALLIANCE METER BOX (ARV'S <4"), 18" ALLIANCE METER BOX (ARV'S ≥4"), BLACK                                        |

NOTES:

1. PROVIDE DARK GREEN REFLECTIVE MARKER ON CURB OR EDGE OF ROADWAY CLOSEST TO THE ARV.
2. PROVIDE 3'-0" RADIUS AROUND ARV ENCLOSURE CLEAR OF ALL LANDSCAPING FOR MAINTENANCE ACCESS.
3. PROVIDE 316 SST PIN ALLEN BOLT KEY SYSTEM WITH EACH ENCLOSURE.
4. THE THREADED OR FLANGED OUTLET SIZE OF THE ARV SHALL BE SIZED BY THE DESIGN ENGINEER. A MINIMUM DIAMETER OF 2-INCHES SHALL BE PROVIDED.
5. TAPPING SADDLE IS DEPICTED HOWEVER A TEE (DIA. OF FM X SIZE OF ARV) SHALL BE INSTALLED INSTEAD OF A TAPPING SADDLE FOR ARV'S ≥4".

## FORCE MAIN AIR RELEASE VALVE DETAIL

NTS

REVISION DATE:  
JAN. 2015



Collier County

SHEET NO.  
WW-13