NOTE:
1. ALL TREE REMOVAL SHALL BE APPROVED BY CITY PRIOR TO REMOVAL.
2. RELOCATE ALL MAILBOXES, IRRIGATION BOXES, WATER METERS, AS NECESSARY.
3. PROPOSED IRRIGATION BOXES WILL BE 2'X2'X2' WITH GRATED LID AND HAND LIFT GATE. TIE INTO EXISTING PRIVATE FLOOD IRRIGATION SYSTEM.
NOTE:
1. ALL TREE REMOVAL SHALL BE APPROVED BY CITY PRIOR TO PROGRESS.
2. RELOCATE ALL MAILBOXES, IRRIGATION BOXES, WATER METERS, AS NECESSARY.
3. PROPOSED IRRIGATION BOXES WILL BE 30"X30" WITH GRATED LID AND HAND LIFT GATE. TIE INTO EXISTING FLOOD IRRIGATION SYSTEM.

RELOCATE MAILBOX

EXISTING GRADE

PROPOSED GRADE @ LIP OF GUTTER

RELOCATE EXISTING SD MANHOLE - 4

EXISTING SD MANHOLE 6, MATCH RIM TO 110 E. 300 S.

DRAIN PIPE INTO PROPOSED 8" ADS STORM

PROPOSED 8" ADS SD MANHOLE - 6

APWA STD 315

IRR BOXES

EXISTING ELEC BOX

EXISTING EOP

EXISTING PP

EXISTING TELE PED

EXISTING FLOOD IRRIGATION SYSTEM

RELOCATE ALL MAILBOXES, IRRIGATION BOXES, WATER METERS, AS NECESSARY.

PROPOSED IRRIGATION BOXES WILL BE 30"X30" WITH GRATED LID AND HAND LIFT GATE. TIE INTO EXISTING FLOOD IRRIGATION SYSTEM.

EXISTING GRADE

SD MANHOLE 6, MATCH RIM TO 110 E. 300 S.

DRAIN PIPE INTO PROPOSED 8" ADS STORM

PROPOSED 8" ADS SD MANHOLE - 6

APWA STD 315

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DRAIN PIPE INTO PROPOSED 8" ADS STORM

PROPOSED 8" ADS SD MANHOLE - 6

APWA STD 315

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EXISTING GRADE

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DRAIN PIPE INTO PROPOSED 8" ADS STORM

PROPOSED 8" ADS SD MANHOLE - 6

APWA STD 315

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EXISTING FLOOD IRRIGATION SYSTEM

RELOCATE ALL MAILBOXES, IRRIGATION BOXES, WATER METERS, AS NECESSARY.

PROPOSED IRRIGATION BOXES WILL BE 30"X30" WITH GRATED LID AND HAND LIFT GATE. TIE INTO EXISTING FLOOD IRRIGATION SYSTEM.
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NOTES:
1. USE SHINGLE CONSTRUCTION IF THICKNESS AT DRIVEWAYS WHERE THICKNESS OF 6 IS REQUIRED.
2. PLACE SCORE LINES AT INTERVALS EQUAL TO 1 TIMES THE WIDTH OF THE SIDEWALK UNIFORMLY PLACED ALONG LENGTH OF SIDEWALK.
3. USE EXPANSION JOINTS AT INTERSECTION OF SIDEWALKS OR ON SUBGRADE.
4. PLACE EXPANSION JOINTS AT EDGES OF DRIVEWAYS TO A RADIUS OF 12.
5. USE EXPANSION JOINTS AT BEGINNING AND ENDING OF SIDEWALK TO A WIDTH OF 1/2.
6. USE EXPANSION JOINTS AT INTERSECTION WITH PERPENDICULAR SIDEWALKS OR DRIVEWAYS.
7. USE 1/2 EXPANSION JOINT FILLER MADE OF PREMOLDED BITUMINOUS OR SIMILAR MATERIAL AT INTERSECTIONS WITH PERPENDICULAR SIDEWALKS OR DRIVEWAYS.
8. EDGE SIDEWALK WITH 1/2 RADIUS EDGING TOOL. ROUND EDGES AT EXPANSION JOINTS TO A RADIUS OF 1/2.
9. USE HAIR-BROOM BRUSH TO FINISH SIDEWALKS.
10. UNLESS OTHERWISE SPECIFIED CONSTRUCT SIDEWALK TO A WIDTH OF 4 FT.
11. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SALEM CITY ENGINEERING STANDARDS FOR PUBLIC WORKS CONSTRUCTION.

CIVIL DETAILS

ROAD SECTION

SCALE: N.T.S.

1. PROVIDE TOOLED JOINTS NOT TO EXCEED 15' ON CENTER AND NOT LESS THAN 10' ON CENTER. MATCH SIDEWALK.
2. PLACE FULL DEPTH THRU JOINTS W/ 1/2x6'' PREMOLDED JOINT FILLER AT POINTS OF TANGENCY AND AT 25' INTERVALS, MINIMUM.
3. MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SALEM CITY ENGINEERING STANDARD SPECIFICATIONS.

CURB AND GUTTER

SCALE: N.T.S.

CONCRETE SIDEWALK

SCALE: N.T.S.

SCALE: N.T.S.

DRIVEWAY APPROACH

SCALE: N.T.S.

APSEHALT TIE-IN

SCALE: N.T.S.

DETECTABLE WARNING

SCALE: N.T.S.

PUBLIC UTILITY EASEMENT

SCALE: N.T.S.

CONCRETE SIDEWALK

SCALE: N.T.S.

SECTION A

SCALE: N.T.S.

NOTES:
1. USE SHEAR PIN JOINTS AT DRIVEWAYS WHERE THICKNESS OF 6 IS REQUIRED.
2. PLACE SCORE LINES AT INTERVALS EQUAL TO 1 TIMES THE WIDTH OF THE SIDEWALK UNIFORMLY PLACED ALONG LENGTH OF SIDEWALK.
3. USE EXPANSION JOINTS AT INTERSECTION OF SIDEWALKS OR ON SUBGRADE.
4. PLACE EXPANSION JOINTS AT EDGES OF DRIVEWAYS TO A RADIUS OF 12.
5. USE EXPANSION JOINTS AT BEGINNING AND ENDING OF SIDEWALK TO A WIDTH OF 1/2.
6. USE EXPANSION JOINTS AT INTERSECTION WITH PERPENDICULAR SIDEWALKS OR DRIVEWAYS.
7. USE 1/2 EXPANSION JOINT FILLER MADE OF PREMOLDED BITUMINOUS OR SIMILAR MATERIAL AT INTERSECTIONS WITH PERPENDICULAR SIDEWALKS OR DRIVEWAYS.
8. EDGE SIDEWALK WITH 1/2 RADIUS EDGING TOOL. ROUND EDGES AT EXPANSION JOINTS TO A RADIUS OF 1/2.
9. USE HAIR-BROOM BRUSH TO FINISH SIDEWALKS.
10. UNLESS OTHERWISE SPECIFIED CONSTRUCT SIDEWALK TO A WIDTH OF 4 FT.
11. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SALEM CITY ENGINEERING STANDARDS FOR PUBLIC WORKS CONSTRUCTION.

100 EAST IMPROVEMENTS

CIVIL DETAILS

SCALE: N.T.S.
NOTES:
1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
BEST MANAGEMENT PRODUCTS, INC.
53 MT. ARCHER RD.
LYME, CT 06371
(800) 504-8008 OR (888) 354-7585 TOLL FREE:
WEB SITE:  www.bmpinc.com
OR PRE-APPROVED EQUAL
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH
ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A MOUNTING FLANGE, A REMOVABLE WATERTIGHT ACCESS PORT, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
4. THE SIZE AND POSITION OF THE HOODS SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY A MINIMUM OF 3" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
8. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
9. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS

NOTE:
SUMP DEPTH OF 36" MIN. FOR < OR = 12" DIAM. OUTLET. FOR OUTLETS > OR = 15", DEPTH = 2.5-3X DIAMETER.