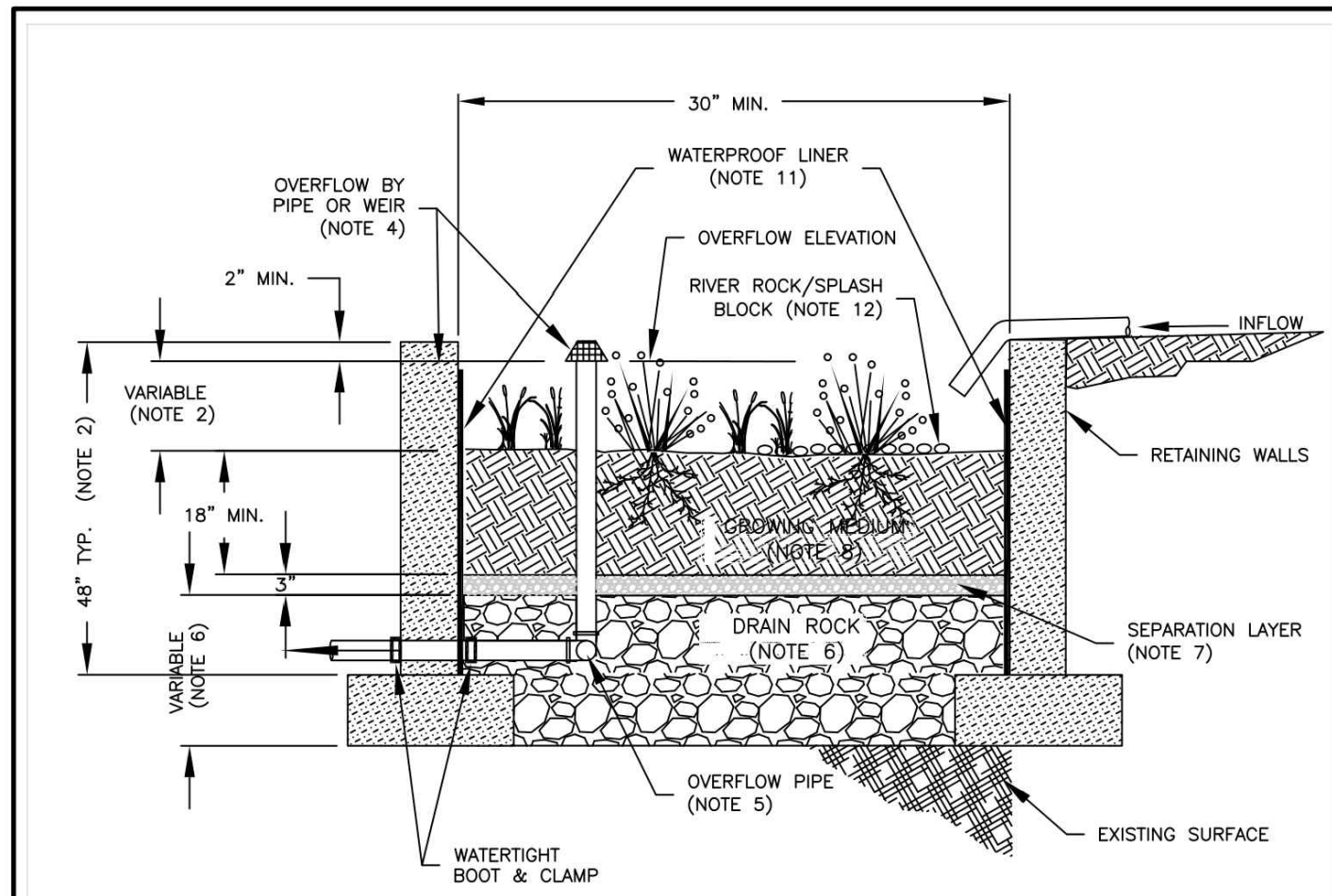
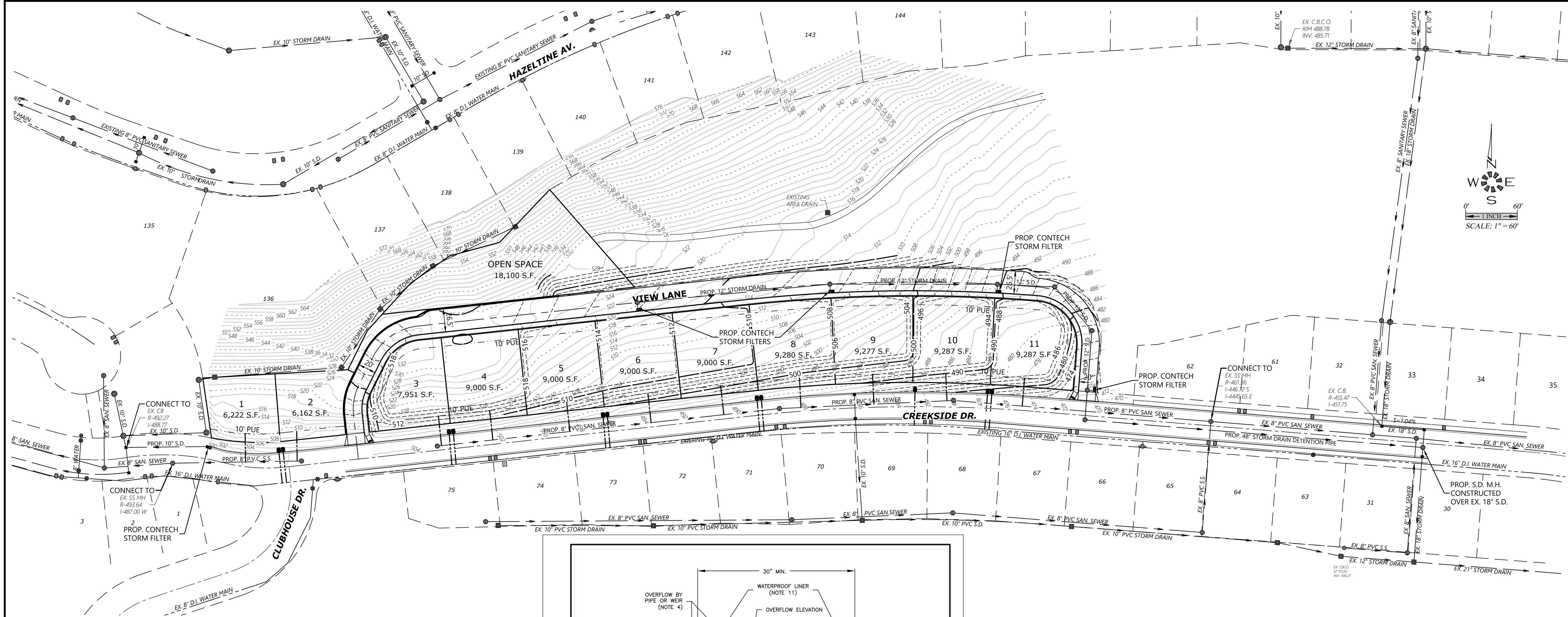


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- NOTES:
1. PROVIDE PROTECTION FROM ALL VEHICLE TRAFFIC, EQUIPMENT STAGING, AND FOOT TRAFFIC IN PROPOSED INFILTRATION AREAS PRIOR TO, DURING, AND AFTER CONSTRUCTION.
 2. DIMENSIONS:
A. WIDTH: 30" MINIMUM
B. DEPTH OF PLANTER (FROM TOP OF GROWING MEDIUM TO OVERFLOW ELEVATION): SIMPLIFIED 12" ENGINEERED 6"-18"
C. SLOPE OF PLANTER: 0.5% OR LESS
 3. SETBACKS:
A. 10' FROM BUILDING FOUNDATIONS
B. SETBACKS FROM PROPERTY LINES VARY DEPENDING ON SITE CONDITIONS (SEE DESIGN STANDARDS)
 4. OVERFLOW:
A. INLET ELEVATION MUST ALLOW FOR 2" OF FREEBOARD, MINIMUM
B. PROTECT FROM DEBRIS AND SEDIMENT WITH STRAINER OR GRATE
 5. PIPING:
SEE STANDARD PLAN 221
 6. DRAIN ROCK:
A. 1/2"-3/4" WASHED AGGREGATE
B. DEPTH:
SIMPLIFIED - 18" (IF ≤ 1.75 "/hr INFILTRATION RATE)
ENGINEERED - 12" (IF > 1.75 "/hr INFILTRATION RATE)
ENGINEERED - 0"-48"
 7. SEPARATION BETWEEN DRAIN ROCK AND GROWING MEDIUM SHALL BE A 3" LAYER OF 3/4"-1/4" OPEN GRADED AGGREGATE.
 8. GROWING MEDIUM:
A. DEPTH: 18" MINIMUM
B. SEE DESIGN STANDARDS FOR REQUIREMENTS
 9. VEGETATION: FOLLOW LANDSCAPE PLANS OR REFER TO PLANTING REQUIREMENTS IN DESIGN STANDARDS.
 10. PLANTER FOUNDATION AND WALLS:
A. MATERIAL SHALL BE 4" REINFORCED CONCRETE, STONE, BRICK, OR OTHER DURABLE MATERIAL
 11. WATERPROOF LINER:
A. WATERPROOF LINER SHALL BE 30 MIL PVC, HDPE OR EQUIVALENT
B. A WATERPROOF LINER IS NOT REQUIRED IF THE FOUNDATION OR WALL MATERIAL IS WATERPROOF REINFORCED CONCRETE OR APPROVED EQUAL
 12. INSTALL RIVER ROCK SPLASH PAD TO TRANSITION FROM INLET TO GROWING MEDIUM.

CITY OF SALEM
DEPARTMENT OF PUBLIC WORKS
STANDARD PLAN
INFILTRATION STORMWATER PLANTER

APPROVED: *[Signature]* 1/01/14 DATE: DRAWN BY: KAK 12/2013 CHECKED BY: KLR 12/2013

NO. 215

NOTE:
A PLANTER BOX IS TO BE INSTALLED WITH EACH BUILDING PERMIT.
PLANTER BOX SHALL BE MINIMUM XXXX S.F.
BASED ON BUILDING HARD SURFACE FOR EACH LOT.

UTILITY PLAN

VILLAS AT CREEKSIDE

NO CHANGES, MODIFICATIONS OR REVISIONS SHALL BE MADE TO THESE DRAWINGS WITHOUT WRITTEN AUTHORIZATION FROM THE DESIGN ENGINEER.
DIMENSIONS & NOTES TAKE PRECEDENCE OVER GRAPHICAL REPRESENTATION.

Design: M.D.G.
Drawn: D.G.G.
Checked: B.M.G.
Date: ---
Scale: AS SHOWN
As-Built: ---

REGISTERED PROFESSIONAL ENGINEER
MARK D. GREGG
JULY 14, 1978
EXPIRES: 06-30-2025

JOB # 6246
301