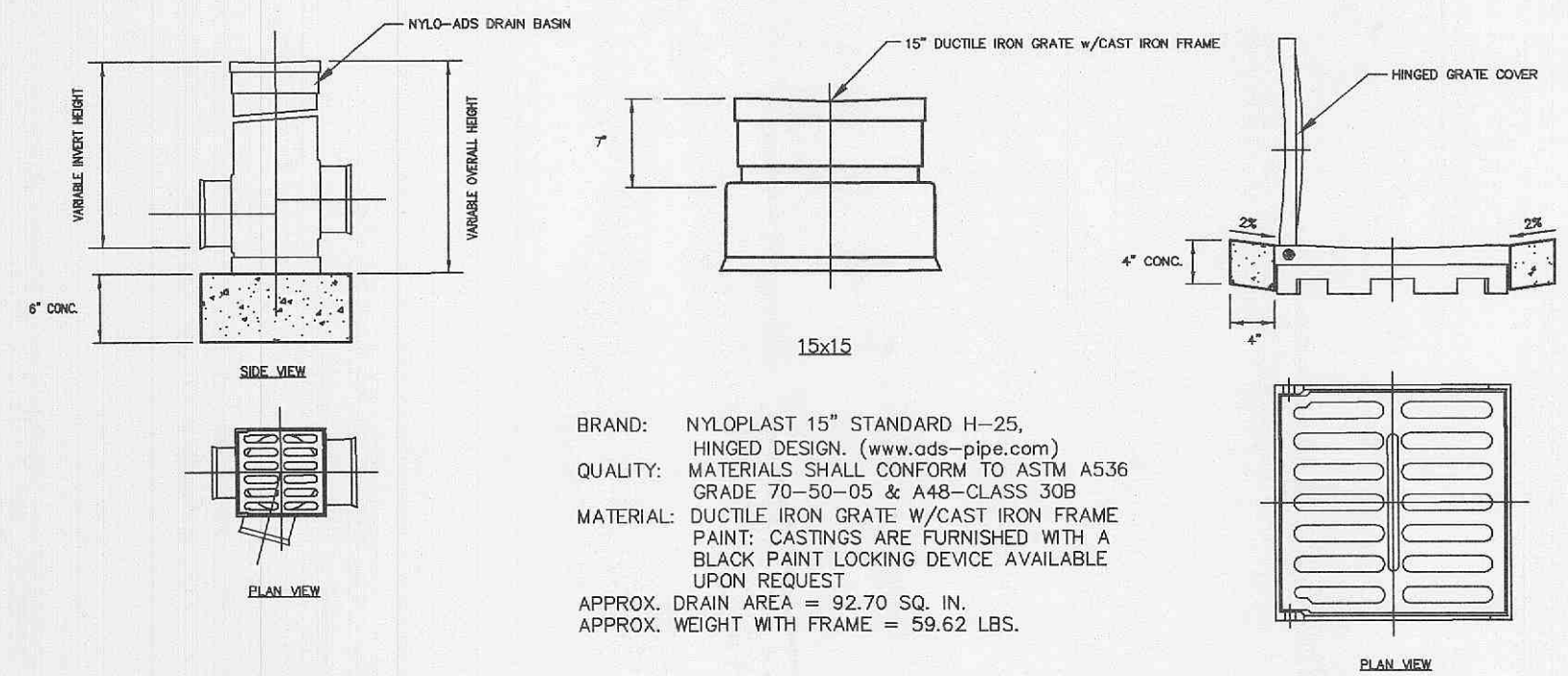


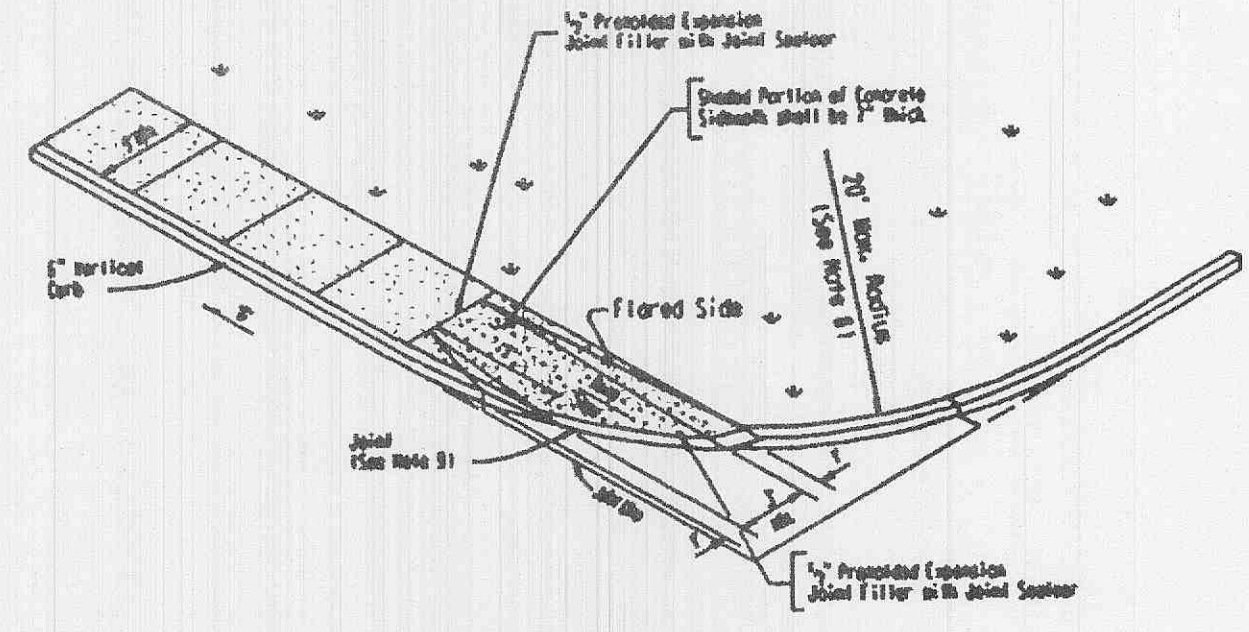
**GENERAL NOTES**

1. Do not scale drawing. Follow dimensions.
2. Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved American with Disabilities Act Accessibility Guidelines (AGC).
3. Provide a landing at the top of each straight ramp when the Grade along Curb (G.C.) is greater than +2% and less than +3%. For other values of G.C., including all negative (-) values, no landing is required.
4. Minimum sidewalk width along 6" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
5. Maximum sidewalk cross slope 0.02'/ft.
6. All sidewalk sections shall be 4" thick, except where indicated as 7" thick by shaded portions shown on details. All sidewalk sections and curb ramps, regardless of thickness, shall be paid for as Concrete Sidewalk.
7. Where curb ramp meets pavement, bullnose will not be permitted.
8. Construct a diagonal ramp when the maximum corner radius allowed for a straight ramp is exceeded.
9. If monolithic concrete curb is constructed, strike a dummy joint across bottom of ramp at curb line. If concrete curb is dowel-tied, block out pavement to provide full depth curb across ramp from outer point of curb taper to outer joint of curb taper.
10. For sidewalk locations on Out-to-Side, refer to "Pavement Construction Details".
11. For pavement longitudinal and transverse joints and tie bar requirements and dimensions, refer to the Pavement Construction Details for "Joints and Curbs, Std. Dep. C502.03".
12. For roadway cross slopes, pavement types, and thicknesses, refer to "Standard Typical Section".

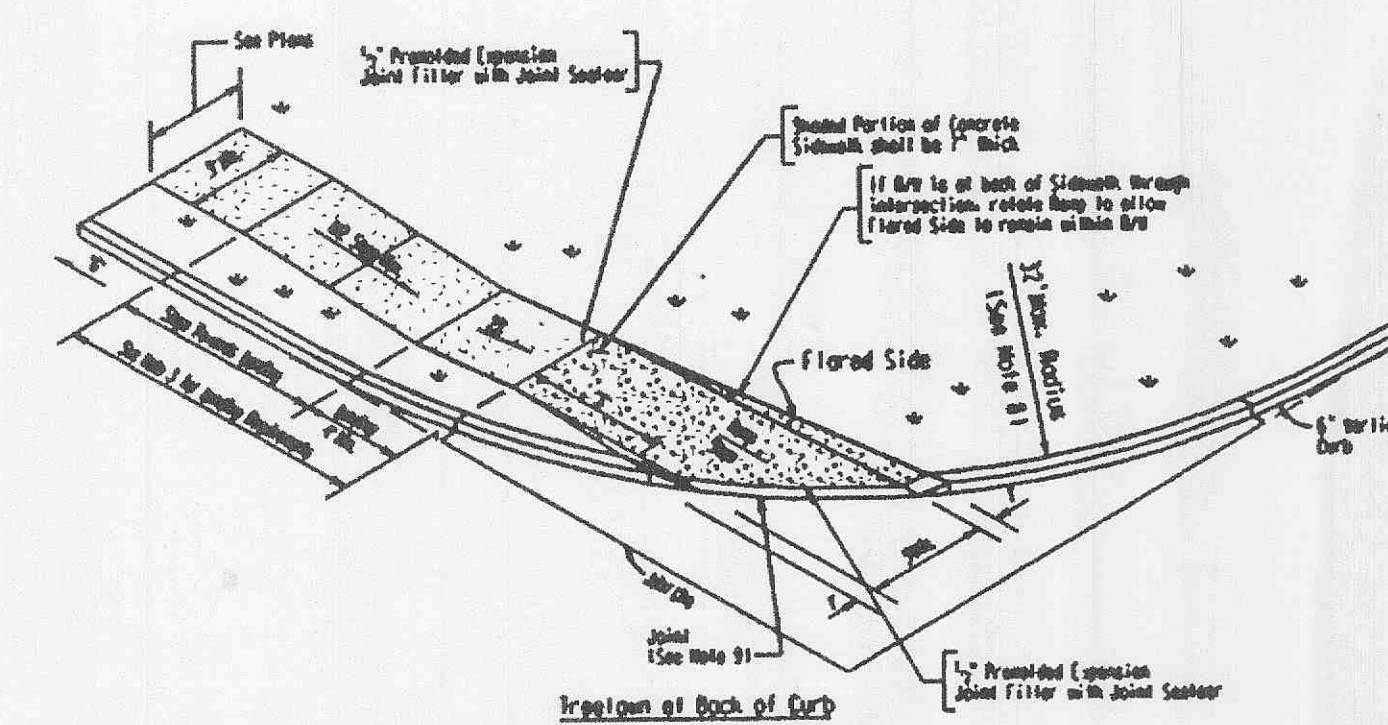


BRAND: NYLOPLAST 15" STANDARD H-25, HINGED DESIGN, (www.ods-pipe.com)  
 QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05 & A48-CLASS 30B  
 MATERIAL: DUCTILE IRON GRATE W/CAST IRON FRAME  
 PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT LOCKING DEVICE AVAILABLE UPON REQUEST  
 APPROX. DRAIN AREA = 92.70 SQ. IN.  
 APPROX. WEIGHT WITH FRAME = 59.62 LBS.

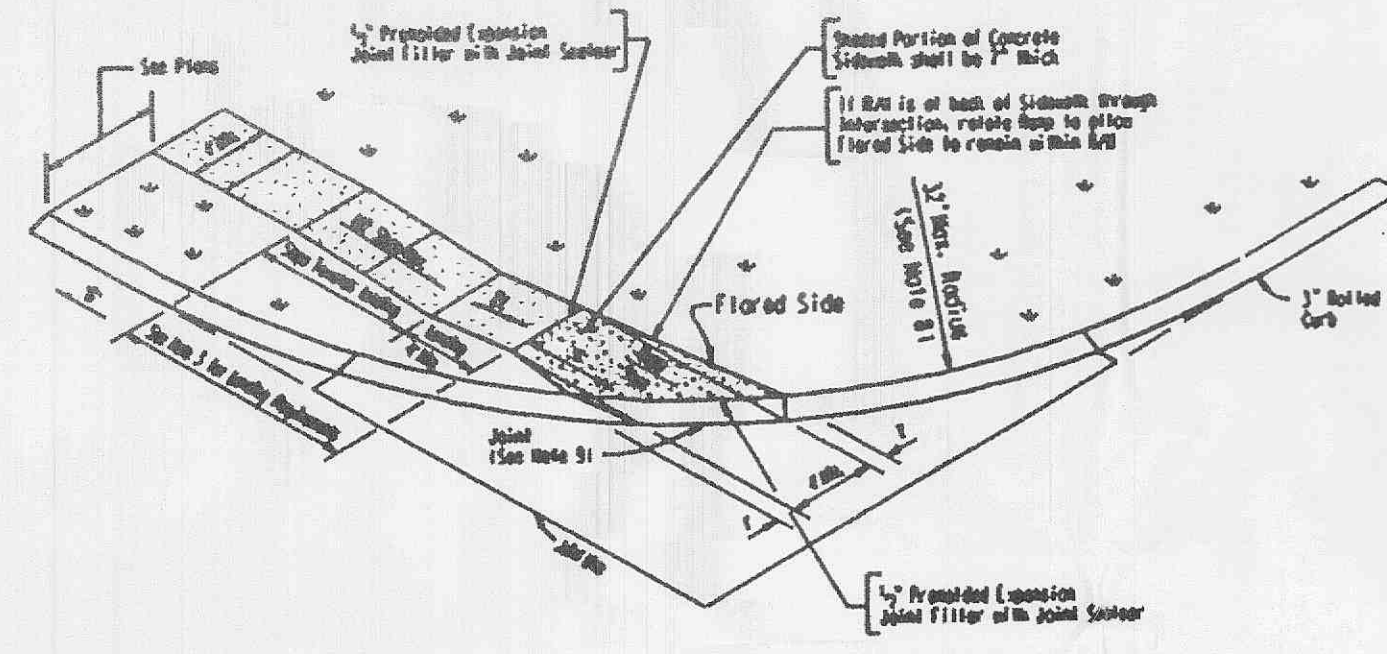
**15" YARD DRAIN STRUCTURE AND LID DETAILS**  
(N.T.S.)



Sidewalk at Back of Curb  
 STRAIGHT CURB RAMP - 6" VERTICAL CURB  
 (TYPE 1)



Transition at Back of Curb  
 STRAIGHT CURB RAMP - 6" VERTICAL CURB  
 (TYPE 2)



Transition at Back of Curb  
 STRAIGHT CURB RAMP - 3" ROLLED CURB  
 (TYPE 3)

TYPE 1 AND TYPE 2 CURB RAMP	
G.C. GRADE ALONG CURB (%)	MIN. LENGTH OF RAMP SLOPE (L.F.)
NEGATIVE (-) VALUES	6
0 TO +1	7
+1.01 TO +2	8
+2.01 TO +3	10
+3.01 TO +4	12
GREATER THAN +4	15

NOTE: Positive (+)G.C. - Proceeding away from intersection and up a grade.  
 Positive (-)G.C. - Proceeding away from intersection and down a grade.

TYPE 3 CURB RAMP	
G.C. GRADE ALONG CURB (%)	MIN. LENGTH OF RAMP SLOPE (L.F.)
NEGATIVE (-) VALUES	3
0 TO +2	4
+2.01 TO +3	5
+3.01 TO +4	6
+4.01 TO +5	8
+5.01 TO +6	11
GREATER THAN +6	15

NOTE: Positive (+)G.C. - Proceeding away from intersection and up a grade.  
 Positive (-)G.C. - Proceeding away from intersection and down a grade.

SAINT LOUIS COUNTY  
 DEPARTMENT OF HIGHWAYS AND TRAFFIC  
 CLAYTON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS

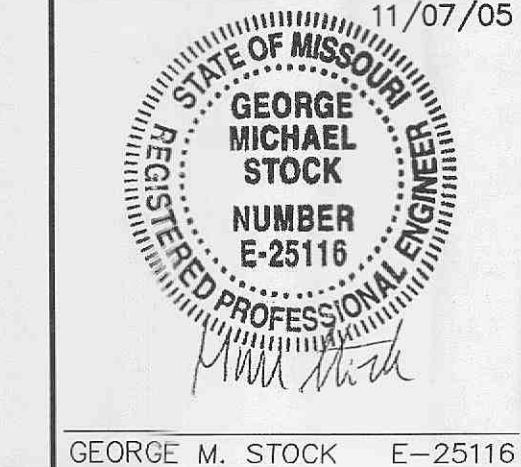
**CONCRETE SIDEWALK  
 AND CURB RAMPS**

REVISION DATE: March 2, 1998  
 DRAWING  
 C608.10

REVISION  
 DATE  
 BY

- ▲ 11/07/05 LOT C DRIVE, AMEREN
- ▲ 10/07/05 REVISED SIDEWALK
- ▲ 9/26/05 WATER DISTRICT COMMENTS
- ▲ 9/12/05 ARCHITECT COMMENTS
- ▲ 8/03/05 COORDINATION
- ▲ 7/19/05 REVISED PER DUCKETT CREEK'S COMMENTS DATED 7/19/05
- ▲ 7/13/05 REVISED PER DUCKETT CREEK'S COMMENTS DATED 7/8/05
- ▲ 6/27/05 REVISED PER CITY OF O'FALLONS COMMENTS 5/22/05 & DUCKETT CREEK'S COMMENTS DATED 6/15/05
- ▲ 5/31/05 REVISED PER DUCKETT CREEK'S MARK-UP PLAN (ADD MH, REV. ALIGNMENT)
- ▲ 2/11/05 REVISED BANK'S DRIVEWAY FOR STACKING REQUIREMENT
- ▲ 5/5/05 REVISED PER CITY COMMENT LETTER DATED 4-6-05, DUCKETT CREEK COMMENTS (ALIGNMENT), MODO(4-8-05)
- ▲ 3/17/05 REVISED PER CITY COMMENT LETTER DATED 2-24-05, PWSD NO. 2 (2-14-05), DUCKETT CREEK (2-15-05)

P&Z NOS: 9831.52.01



SITE IMPROVEMENT DETAILS  
 THE POINTE AT WINGHAVEN

**STOCK & ASSOCIATES**  
 Consulting Engineers, Inc.

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 FAX (636) 530-9130  
 e-mail: general@stockassoc.com  
 Web: www.stockassoc.com

DATE: 11/07/05  
 DRAWN BY: GEORGE M. STOCK E-25116  
 CHECKED BY: J.P.P. 2/04/05  
 DATE: 2/04/05  
 JOB NUMBER: 204-3385  
 SHEET: C9.1 of 13