

INLET PROTECTION NOTE:

AS STORM SEWER INLETS ARE CONSTRUCTED, INLET PROTECTION SHALL BE PROVIDED AS FOLLOWS:
AREA INLETS - REFERENCE "INLET PROTECTION - FABRIC DROP" DETAIL ON SHEET DTL-2

CURB INLETS - REFERENCE "CURB INLET PROTECTION" DETAIL ON SHEET DTL-1

SEDIMENT BASIN C

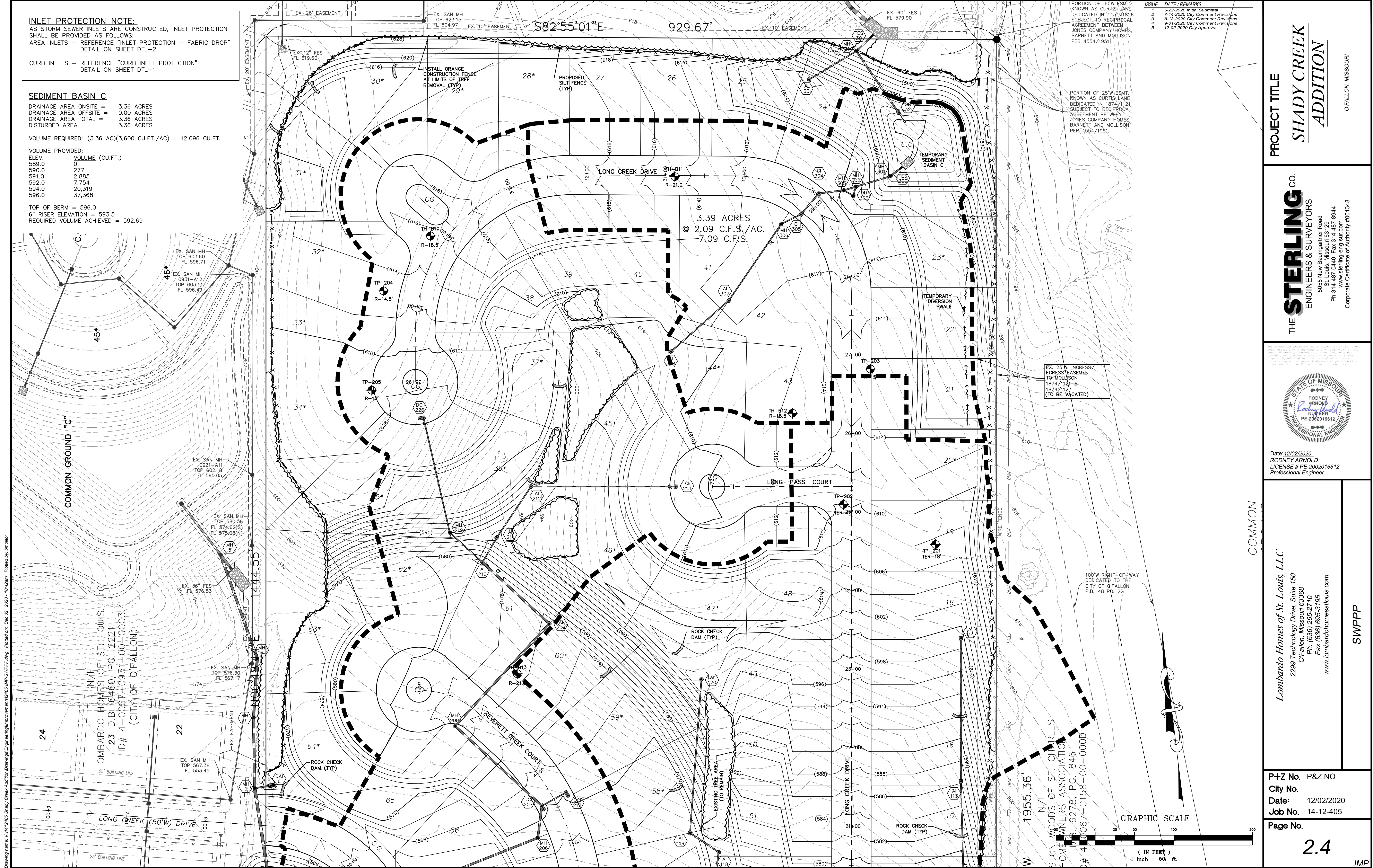
DRAINAGE AREA ONSITE = 3.36 ACRES
DRAINAGE AREA OFFSITE = 0.00 ACRES
DRAINAGE AREA TOTAL = 3.36 ACRES
DISTURBED AREA = 3.36 ACRES

VOLUME REQUIRED: (3.36 AC)(3,600 CU.FT./AC) = 12,096 CU.FT.

VOLUME PROVIDED:

ELEV.	VOLUME (CU.FT.)
589.0	0
590.0	277
591.0	2,885
592.0	7,754
594.0	20,319
596.0	37,368

TOP OF BERM = 596.0
6" RISER ELEVATION = 593.5
REQUIRED VOLUME ACHIEVED = 592.69



PORTION OF 30' W. ESM/ KNOWN AS CURTIS LANE DEDICATED IN 1874/1886 SUBJECT TO RECIPROCAL AGREEMENT BETWEEN JONES COMPANY HOMES, BARNETT AND MOLLISON PER 4554/1951

PORTION OF 25' W. ESM/ KNOWN AS CURTIS LANE DEDICATED IN 1874/1121 SUBJECT TO RECIPROCAL AGREEMENT BETWEEN JONES COMPANY HOMES, BARNETT AND MOLLISON PER 4554/1951

EX. 25' W. INGRESS/ EGRESS EASEMENT TO MOLLISON 1874/1121 & 1874/1123 (TO BE VACATED)

ISSUE	DATE / REMARKS
1	5-22-2020 Initial Submittal
2	7-14-2020 City Comment Revisions
3	6-13-2020 City Comment Revisions
4	9-01-2020 City Comment Revisions
5	12-02-2020 City Approval

PROJECT TITLE
**SHADY CREEK
ADDITION**

THE **STERLING** CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sr.com
Corporate Certificate of Authority #001348



Date: 12/02/2020
RODNEY ARNOLD
LICENSE # PE-2002016612
Professional Engineer

Lombardo Homes of St. Louis, LLC
2299 Technology Drive, Suite 150
O'Fallon, Missouri 63368
Ph. (636) 265-2710
Fax (636) 695-3195
www.lombardohomesstlouis.com

SWPPP

P+Z No. P&Z NO
City No.
Date: 12/02/2020
Job No. 14-12-405

Page No.
2.4