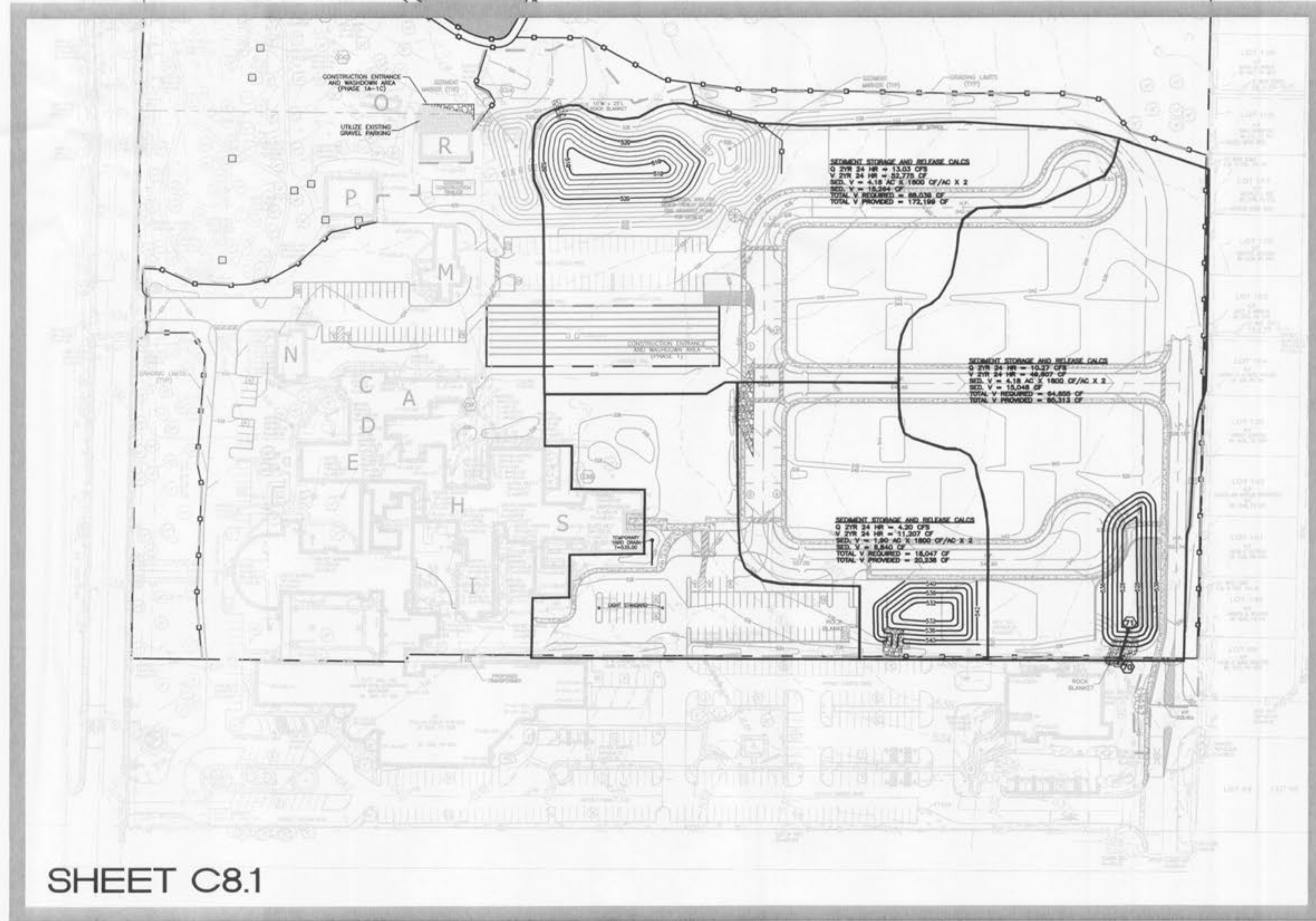


USER: Mike Vonderheide TAB: C8.0
DATE: August 16, 2010 - 12:56:57 PM
DRAWING: S:\0093\0093001\07-0154\CD-DWG\C-04\PLAN LOT\LOT_C8.0_SWPPP.dwg

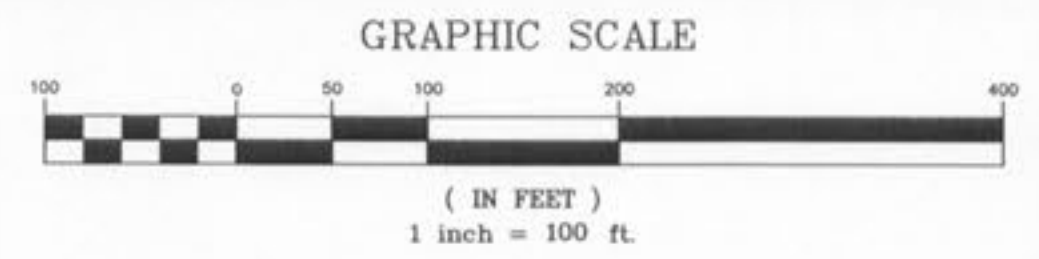
SHEET C8.1



STORMWATER STORAGE AND RELEASE CALC
Q 2/28 24 HR = 11,533 CFS
V 2/28 24 HR = 25,775 CF
SED. V = 1,418 AC @ 1,000 OF/AC X 2
TOTAL V REQUIRED = 52,603 CF
TOTAL V PROVIDED = 172,194 CF

STORMWATER STORAGE AND RELEASE CALC
Q 2/28 24 HR = 11,533 CFS
V 2/28 24 HR = 25,775 CF
SED. V = 1,418 AC @ 1,000 OF/AC X 2
TOTAL V REQUIRED = 52,603 CF
TOTAL V PROVIDED = 80,312 CF

STORMWATER STORAGE AND RELEASE CALC
Q 2/28 24 HR = 11,533 CFS
V 2/28 24 HR = 25,775 CF
SED. V = 1,418 AC @ 1,000 OF/AC X 2
TOTAL V REQUIRED = 52,603 CF
TOTAL V PROVIDED = 25,334 CF



PLANNING AND DEVELOPMENT DEPARTMENT FILE # 0708.04

planning • engineering • surveying • landscape architecture
Cole and ASSOCIATES
INCORPORATED
10777 sunset drive
saint louis, missouri 63127
p. 314 984 9687 f. 314 984 0587
1245 tom ginsener avenue
ofallon, mo. 63366
p. 636 978 7508 f. 636 978 7509

DESIGN/CALC BY JKW
DRAWN BY JKW
CHECKED BY MEV
DRAWING SCALE
DATE 6/1/10
Job Number 07-0154
Sheet Number C8.0

THE VILLAGE OF ST. MARY'S
IMPROVEMENT PLANS - PHASE 1
204 NORTH MAIN STREET
OFFALON, MO. 63366
SWPPP OVERALL

CIVIL ENGINEERS
CORPORATE
ENGINEERING
CERTIFICATE
MIKE E.
VONDERHEIDE
E-23077
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSOURI

DEVELOPER/OWNER
MCEAGLE PROPERTIES, LLC
1001 BOARDWALK SPRINGS PLACE OFFALON MO. 63366
CONTACT: ROB LOCHNER - PHONE (636) 561-9000
THE PROFESSIONAL ENGINEER'S SIGNATURE AND PERSONAL SEAL ARE REQUIRED
(PURSUANT TO SECTION 327.411 RSMO.) ANY RESPONSIBILITY FOR ALL OTHER PLANS
OR PORTIONS OF THIS PLAN SHALL BE ASSUMED BY THE UNDERSIGNED PROFESSIONAL
ENGINEER. THIS PLAN IS NOT TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS
DATE: 7/29/10 NO

REVISION	DESCRIPTION
1	NO