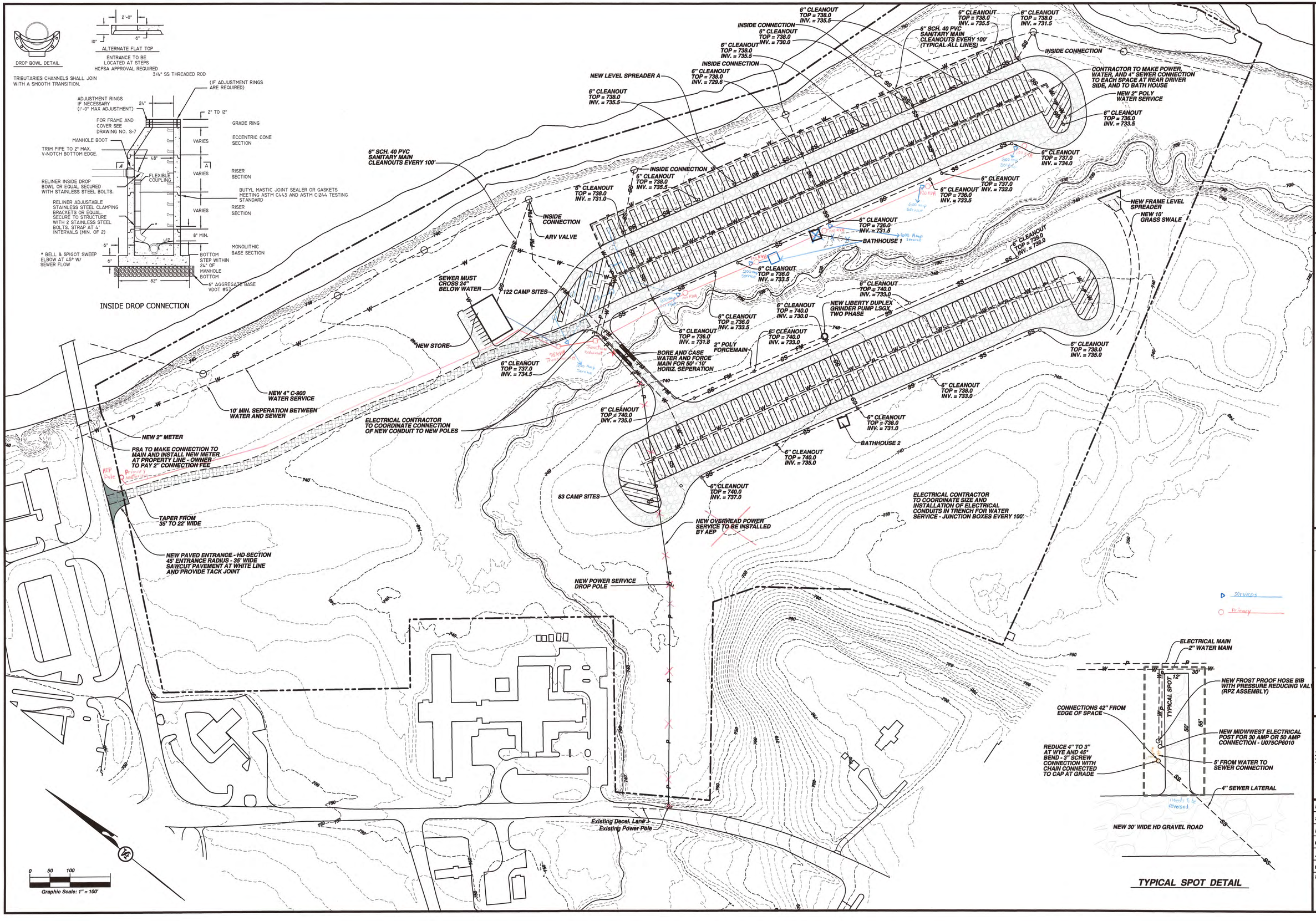
DROP BOWL DETAIL

ALTERNATE FLAT TOP
ENTRANCE TO BE LOCATED AT STEPS
HCPSA APPROVAL REQUIRED

TRIBUTARIES CHANNELS SHALL JOIN WITH A SMOOTH TRANSITION.

INSIDE DROP CONNECTION



TYPICAL SPOT DETAIL

0 50 100
Graphic Scale: 1" = 100'

WALLER ENGINEERING & LAND SURVEYING, INC.
PO BOX 44 Collinsville, Virginia 24078
Phone: 1-276-647-3506

Boundary & Topographic Surveys
Residential & Commercial Site Design
Construction Stakeout
Grading And Erosion Control Plans

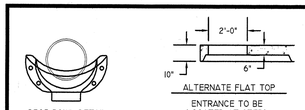
NEW RV PARK FOR JESSE CAHILL HORSEPASTURE DISTRICT, HENRY COUNTY, VIRGINIA

PROPOSED IMPROVEMENTS AND UTILITY MASTER PLAN

DATE	REVISION	BY

COMMONWEALTH OF VIRGINIA
CHRISTOPHER H. WALLER
Lic. No. 45226
9-5-19
PROFESSIONAL ENGINEER

DATE:	October 4, 2018
SCALE:	AS NOTED
DRAWN BY:	CHW
CHECKED BY:	TAW
APPROVED BY:	CHW
COMMISSION NO.:	1738
SHEET NO.:	1 OF 1



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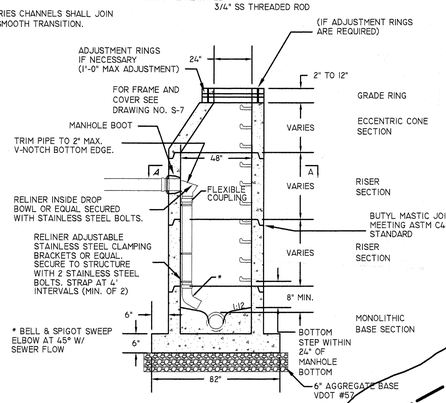
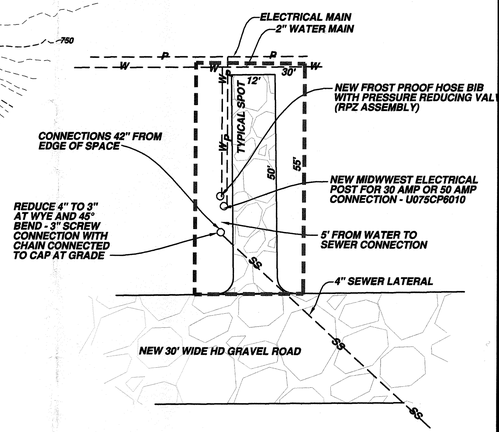


INSIDE DROP CONNECTION

6" CLEANOUT TOP = 738.0 INV. = 735.5
INSIDE CONNECTION
6" CLEANOUT TOP = 738.0 INV. = 730.0
6" CLEANOUT TOP = 738.0 INV. = 735.5
INSIDE CONNECTION
6" CLEANOUT TOP = 738.0 INV. = 729.6
6" SCH. 40 PVC SANITARY MAIN CLEANOUTS EVERY 100' (TYPICAL ALL LINES)
6" CLEANOUT TOP = 738.0 INV. = 735.5
6" CLEANOUT TOP = 738.0 INV. = 731.5
INSIDE CONNECTION
NEW LEVEL SPREADER A
6" CLEANOUT TOP = 738.0 INV. = 735.5
CONTRACTOR TO MAKE POWER, WATER, AND 4" SEWER CONNECTION TO EACH SPACE AT REAR DRIVER SIDE, AND TO BATH HOUSE
NEW 2" POLY WATER SERVICE
6" CLEANOUT TOP = 736.0 INV. = 733.5
6" CLEANOUT TOP = 737.0 INV. = 734.0
6" SCH. 40 PVC SANITARY MAIN CLEANOUTS EVERY 100'
INSIDE CONNECTION
6" CLEANOUT TOP = 738.0 INV. = 735.5
6" CLEANOUT TOP = 738.0 INV. = 731.0
6" CLEANOUT TOP = 737.0 INV. = 732.0
6" CLEANOUT TOP = 736.0 INV. = 733.5
NEW FRAME LEVEL SPREADER
NEW 10' GRASS SWALE
INSIDE CONNECTION
ARV VALVE
6" CLEANOUT TOP = 736.0 INV. = 731.5
BATHHOUSE 1
6" CLEANOUT TOP = 739.0 INV. = 736.0
SEWER MUST CROSS 24" BELOW WATER
122 CAMP SITES
6" CLEANOUT TOP = 736.0 INV. = 733.5
6" CLEANOUT TOP = 740.0 INV. = 733.0
NEW LIBERTY DUPLEX GRINDER PUMP LSGX TWO PHASE
6" CLEANOUT TOP = 740.0 INV. = 730.0
6" CLEANOUT TOP = 736.0 INV. = 733.5
6" CLEANOUT TOP = 736.0 INV. = 731.8
2" POLY FORCEMAIN
6" CLEANOUT TOP = 740.0 INV. = 733.0
NEW STORE
BORE AND CASE WATER AND FORCE MAIN FOR 50' - 10' HORIZ. SEPERATION
6" CLEANOUT TOP = 737.0 INV. = 734.5
6" CLEANOUT TOP = 738.0 INV. = 735.0
NEW 4" C-900 WATER SERVICE
10' MIN. SEPERATION BETWEEN WATER AND SEWER
6" CLEANOUT TOP = 736.0 INV. = 733.0
ELECTRICAL CONTRACTOR TO COORDINATE CONNECTION OF NEW CONDUIT TO NEW POLES
6" CLEANOUT TOP = 740.0 INV. = 735.0
6" CLEANOUT TOP = 738.0 INV. = 731.0
BATHHOUSE 2
NEW 2" METER
PSA TO MAKE CONNECTION TO MAIN AND INSTALL NEW METER AT PROPERTY LINE - OWNER TO PAY 2" CONNECTION FEE
6" CLEANOUT TOP = 740.0 INV. = 735.0
6" CLEANOUT TOP = 740.0 INV. = 737.0
83 CAMP SITES
ELECTRICAL CONTRACTOR TO COORDINATE SIZE AND INSTALLATION OF ELECTRICAL CONDUITS IN TRENCH FOR WATER SERVICE - JUNCTION BOXES EVERY 100'
NEW OVERHEAD POWER SERVICE TO BE INSTALLED BY AEP
TAPER FROM 35' TO 22' WIDE
NEW PAVED ENTRANCE - HD SECTION 45' ENTRANCE RADIUS - 35' WIDE SAWCUT PAVEMENT AT WHITE LINE AND PROVIDE TACK JOINT
NEW POWER SERVICE DROP POLE
Existing Decel. Lane
Existing Power Pole



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For Cecil Stone