NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMANT.

NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES".SEE EC-3.

NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO.	SHEET NO.
I-5987A	EC-29/CONST.29
R/W SHEET NO.	

NV5 ENGINEERS & CONSULTANTS, INC.
7500 E. INDEPENDENCE BLVD, STE 100
CHARLOTTE, NC 28227
P: 704.537.7300 www.NV5.com
NC License # F-1333

NAD 83/NA 2011

CLEAN WATER DIVERSION

CWD → CWD → CWD → CWD →

(Not to Scale)

STABILIZE EXCAVATED MATERIAL

SOIL STABILIZATION GEOTEXTILE

OFFSITE CLEAN WATER

2' MIN.

2:1

2' MIN.

MATCHLINE -L- STA 445+00.00 SEE SHEET 28

MATCHLINE -L- STA 458+00.00 SEE SHEET 30

JOSEPH G. RIDDLE AND WIFE GAIL A. RIDDLE DB 1590 PG 865 — 120

K.M. BIGGS, INC. MB 12 PG 100 MB 48 PG 98 — 122

JOSEPH G. RIDDLE AND WIFE GAIL A. RIDDLE DB 1590 PG 865 — 119 NO CLAIM

K.M. BIGGS, INC. MB 12 PG 100 MB 48 PG 98 — 121

CULTIVATED FIELD

WOODS

CONPEN BRANCH

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 29

FALSE SUMP 1.6' HIGH SEE DETAIL HH

SPECIAL LATERAL 6.0' BASE DITCH SEE DETAIL AA

SPECIAL LATERAL 6.0' BASE DITCH SEE DETAIL AA

48"WWISBW

RIP RAP AT EMBANKMENT SEE DETAIL GG

120 x 22 x 3 1.5 inch Skimmer with 1.375 inch Orifice Diameter 10 ft. weir ID 29.1

L 454+90 2@8'x7' RCBC WITH BEVELED HEADWALL BURIED 1' 1' SILL ON NORTH BARREL 2' SILL ON SOUTH BARREL WITH 1' FLOOD BENCH

18 LF OF CHANNEL IMPROVEMENT WITH 1' FLOOD BENCH AT SOUTH BARREL EST. 2 TONS CLASS I RIPRAP EST. 5 SY GEOTEXTILE SEE DETAIL PP

BEG 47" WW FENCE W/1SBW

REMOVE EXISTING 54" TO 72" RCP AND HEADWALL

47" WW FENCE W/1SBW

SPECIAL LATERAL 6.0' BASE DITCH SEE DETAIL AA

RIP RAP AT EMBANKMENT SEE DETAIL GG

REMOVE FENCE

CLASS 'B' RIP RAP EST. 3 TONS EST. 10 SY GEOTEXTILE

N 63°05' 14.3" E

SKEW=130°

INV=154.83

INV=155.61

INV=154.76

FLOWABLE FILL

TRENCHLESS INSTALLATION 16" WELDED STEEL

INV=158.62'

BEG SBG +43.00

END SBG +59.00

TEMPORARY SHORING

SPECIAL LATERAL 6.0' BASE DITCH SEE DETAIL AA

CLASS 'B' RIP RAP EST. 2 TONS EST. 7 SY GEOTEXTILE

120 x 22 x 3 1.5 inch Skimmer with 1.375 inch Orifice Diameter 10 ft. weir ID 29.2

BEG 47" WW FENCE W/1SBW

CLASS 'B' RIP RAP EST. 2 TONS EST. 7 SY GEOTEXTILE

END 47" WW FENCE W/1SBW

CLASS 'B' RIP RAP EST. 1 TONS EST. 5 SY GEOTEXTILE

BEG 47" WW FENCE W/1SBW

32 LF OF CHANNEL IMPROVEMENT WITH 1' FLOOD BENCH AT SOUTH BARREL EST. 2 TONS CLASS I RIPRAP EST. 5 SY GEOTEXTILE SEE DETAIL QQ

FILL CHANNEL WITH CLASS II RIPRAP TO ELEV=154.0' EST. 10 TONS CLASS II RIPRAP

EST. 22 TONS CLASS I RIPRAP EST. 35 SY GEOTEXTILE

RIP RAP AT EMBANKMENT SEE DETAIL GG

END 47" WW FENCE W/1SBW

FOR -L- PROFILE SEE SHEET 68
FOR DITCH DETAILS SEE SHEET 2D-3

REVISIONS

ROW REVISION - 10/22/2021 - PROPERTY LINE BETWEEN PARCELS 120 & 122 HAS BEEN REVISED

8/17/99

4/7/2022
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samielsolnig