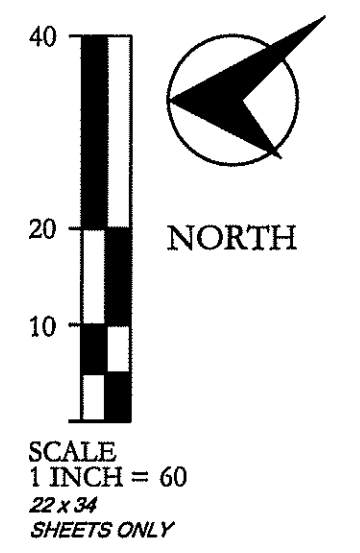


LEGEND

	EX. 1' CONTOUR		OP	ROCK OUTLET PROTECTION
	EX. 5' CONTOUR		CD	ROCK CHECK DAMS
	PROP. 1' CONTOUR		TD	EX. TEMPORARY DIVERSION
	PROP. 5' CONTOUR		SB	SEDIMENT BASIN
	TREE CLEARING LIMITS		ST	SEDIMENT TRAP
	ORANGE CONSTRUCTION FENCE		TM	TEMPORARY MODIFICATION TO PERMANENT POND
	TEMPORARY SEEDING		SF	SILT FENCE
	PERMANENT SEEDING		IP	STORM DRAIN INLET PROTECTION
	ADDITIONAL CONSTRUCTION SITE POLLUTION CONTROLS		CE	CONSTRUCTION ENTRANCE
	PHASE 4 DISTURBANCE (13.4 AC.)		TP	TOPSOILING
	LEVEL SPREADER			

NOTES:

- PERMANENT SEED IS TO BE PLACED FROM THE EDGE OF PAVEMENT TO THE BACK OF THE 12' UTILITY EASEMENT, ON ALL DETENTION BASINS, ON ALL LANDSCAPE MOUNDS, ON ALL DRAINAGE SWALES, AND ON ALL EMBANKMENT AREAS NOT BEING DISTURBED BY HOMEBUILDING, BUILDING, PAVING, ETC. ACTIVITIES. TEMPORARY SEED IS TO BE PLACED ON ALL OTHER DISTURBED AREAS. BASIN AREAS SHALL BE SEEDDED IMMEDIATELY UPON INSTALLATION. DENUDE AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND AREAS SHALL BE SEEDDED WITHIN 48 HOURS OF REACHING FINAL GRADE.
- TEMPORARY SEDIMENT PONDS SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION OF THE PERMANENT DETENTION POND.
- THE CONTRACTOR SHALL MAINTAIN ALL SILT FENCE AND TEMPORARY DIVERSIONS AS NECESSARY AND OR REQUIRED DURING THE DURATION OF CONSTRUCTION.
- REFER TO THE APPROVED TREE CLEARING SWPPP FOR ALL SEDIMENT BASIN DETAILS.
- REFER TO TREE CLEARING SWPPP FOR DETAILS ON EXISTING TEMPORARY DIVERSIONS AND TEMPORARY HEADWALL AND STORM PIPE. THESE ITEMS TO BE REMOVED DURING IMPLEMENTATION OF THIS SWPPP.



Install rock check dams to reduce flow velocities in the southern rear yard swale. See detail on sheet C2.6. Spacing of check dams shall be in a manner such that the toe of the upstream dam is at the same elevation as the top of the downstream dam. Approximate spacing is shown in the following table:

Check Dam Symbol	Average Slope	Dam Height	Average Spacing
CD#1 TO CD#2	3.0%	1.0 ft.	33 ft.
CD#2 TO CD#3	5.1%	1.0 ft.	20 ft.
CD#3 TO CD#4	1.9%	1.0 ft.	52 ft.

EXISTING SEDIMENT BASIN "E"
 DRAINAGE AREA=35.6 AC
 DEWATERING VOLUME REQUIRED=64,080 CF
 DEWATERING VOLUME AVAILABLE=68,136 CF
 SEDIMENT VOLUME REQUIRED=13,400 CF
 SEDIMENT VOLUME AVAILABLE=17,510 CF
 SPILLWAY ELEV=1055.50
 (SEE RISER DETAIL ON SHEET C2.9)

CONTRACTOR TO UNDERCUT THE EXISTING DETENTION BASIN 4.0 FT (TO ELEV=1043.00) FOR SEDIMENT CONTROL. DUE TO THE LARGE WATERSHED AREA, MORE INTENSIVE MAINTENANCE OF THE BASIN WILL BE REQUIRED BY THE CONTRACTOR.

JOB NO	12269F	SCALE	1"-60'
DRAWN BY	MJD	CHK'D BY	CJO
DWG NAME	12269F-de3p	DATE	SEPTEMBER, 2014

HILLSIDE ESTATES - PHASE 4

STORMWATER POLLUTION PREVENTION SITE PLAN

TOWNSHIP OF COPLEY, COUNTY OF SUMMIT, STATE OF OHIO

NEFF & ASSOCIATES
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REV NO	DATE	DESCRIPTION	BY
3	02/27/15	REV. PER COSE & SUMMIT SWCD	CJO
2	11/17/14	REV. PER COSE,DOES,AKRON WTR.	CJO
1	09/15/14	ORIGINAL SUBMITTAL	CJO

SHEET NO.
C2.3