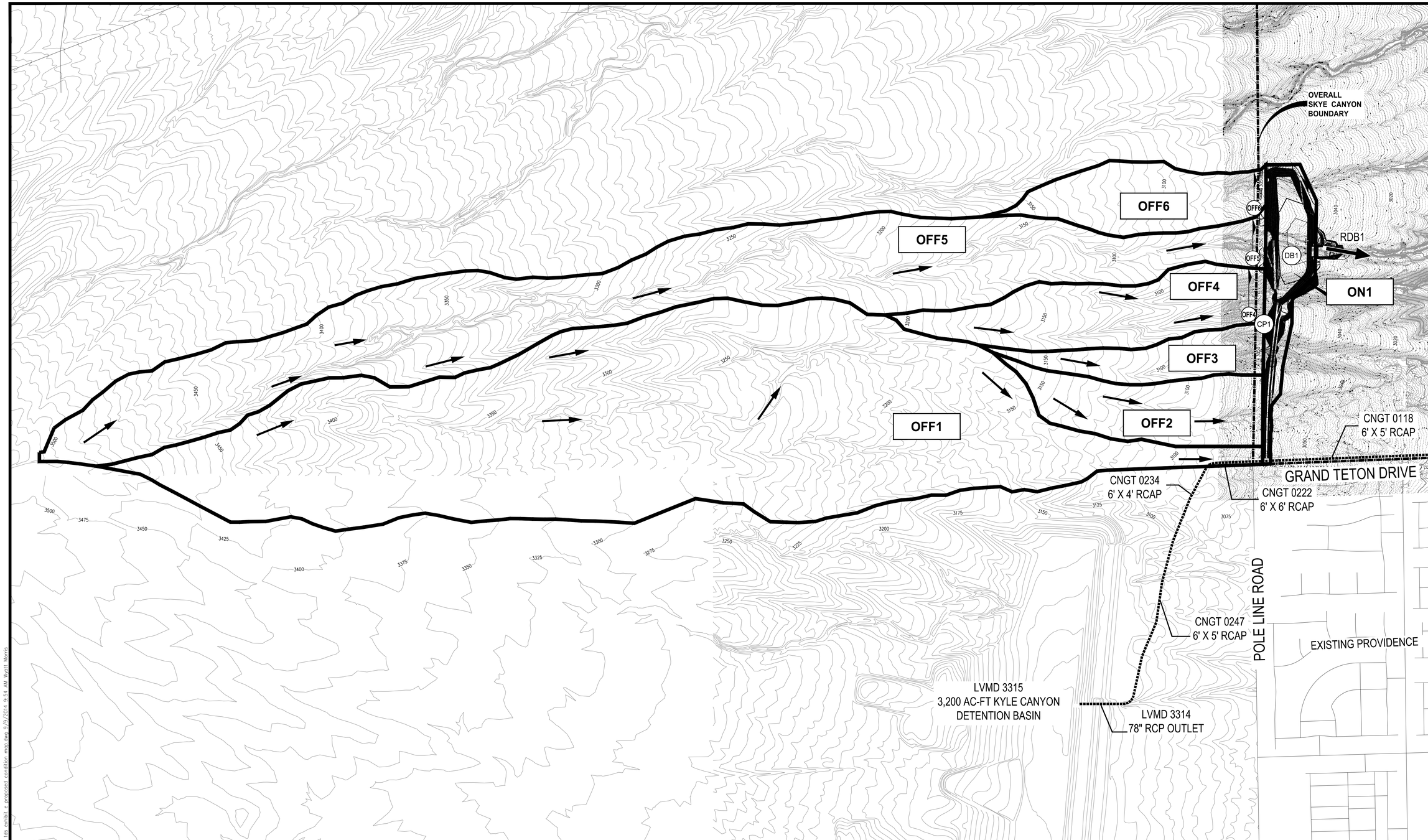

Lateral Inflow Channel Summary
(Proposed Condition)

Cross Section ID	Q_{100} (cfs)	*Existing Condition* Flow Depth (ft)	*Existing Condition* Bottom Width (ft)	*Proposed Condition* Flow Depth (ft)	*Proposed Condition* Bottom Width (ft)
OFF4	84	1.18	23.7	0.33	24.0
OFF5	236	1.37	37.4	0.47	38.0
OFF6	59	0.82	28.2	0.25	28.0

100-Year Basin Flow Rate Summary
(Proposed Condition)

Basin ID	Area (ac)	Q_{100} (cfs)
OFF1	274.6	387
OFF2	26.8	54
OFF3	16.6	38
OFF4	37.2	84
OFF5	164.4	236
OFF6	25.6	59
ON1	16.7	47

Concentration Points Summary
(Proposed Condition)

Basin/Concentration Point ID	Area (sq-mi)	Q_{100} (cfs)
CP1 *(OFF1 + OFF2 + OFF3)*	0.50	417
DB1 *(CP1 + OFF4 + OFF5 + OFF6 + ON1)*	0.88	731
RDB1 *(Detention Basin Outflow)*	0.88	70

LEGEND

- BASIN BOUNDARY
- OFF1 — BASIN ID
- FLOW DIRECTION
- ID — CONCENTRATION POINT
- EXISTING FACILITY
- OVERALL SKYE CANYON BOUNDARY
- XT — CROSS SECTION

N

0 400 800
SCALE – 1"=400' FEET

SLATER HANIFAN GROUP
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NO.	DESCRIPTION	DATE	BY	APP DATE	APP

NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON - DETENTION BASIN 1
PROPOSED CONDITION DRAINAGE MAP

DATE: SEPT 2014
DRAFTER: WTM
DESIGNER: WTM
CHECKED: SMJ

PROJECT NO.
OLY1401.004

EXHIBIT E
SHEET 1 OF 1

J:\OLY1401-004 dcl\Drainage\technical study\figures\OLY1401.004 dcl title exhibit e proposed condition map.dwg 9/9/2014 9:54 AM Wyatt Morris