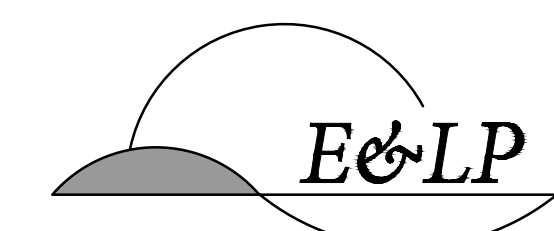


COPYRIGHT 2021 ENGINEERING & LAND PLANNING ASSOC., INC. ALL RIGHTS RESERVED. THE COPY OR REUSE OF THIS DOCUMENT OR ANY PORTION THEREOF IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF ENGINEERING & LAND PLANNING ASSOC., INC. THIS DRAWING IS THE SOLE PROPERTY OF ENGINEERING & LAND PLANNING ASSOC., INC. AND HAS BEEN PREPARED SPECIFICALLY FOR USE BY THE OWNER OF THIS PROJECT AT THIS SITE. IT IS NOT TO BE USED BY ANY OTHER PERSON OR FOR ANY OTHER PURPOSE OR LOCATION WITHOUT THE WRITTEN CONSENT OF ENGINEERING & LAND PLANNING ASSOC., INC.



140 WEST MAIN STREET HIGH BRIDGE, NJ 08829
PH. 908-238-0544 FAX. 908-238-9572
A PROFESSIONAL ASSOCIATION
CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2022

| NO. | REVISION | BY | DATE |
|-----|---------------------------|-----|-----------|
| 4. | PER TWP ENGINEER COMMENTS | OM | 9/29/2021 |
| 3. | PER TWP ENGINEER COMMENTS | EAJ | 1/26/2021 |
| 2. | PER TWP ENGINEER COMMENTS | EAJ | 11/1/2020 |
| 1. | PER TWP ENGINEER COMMENTS | EAJ | 2/6/2020 |

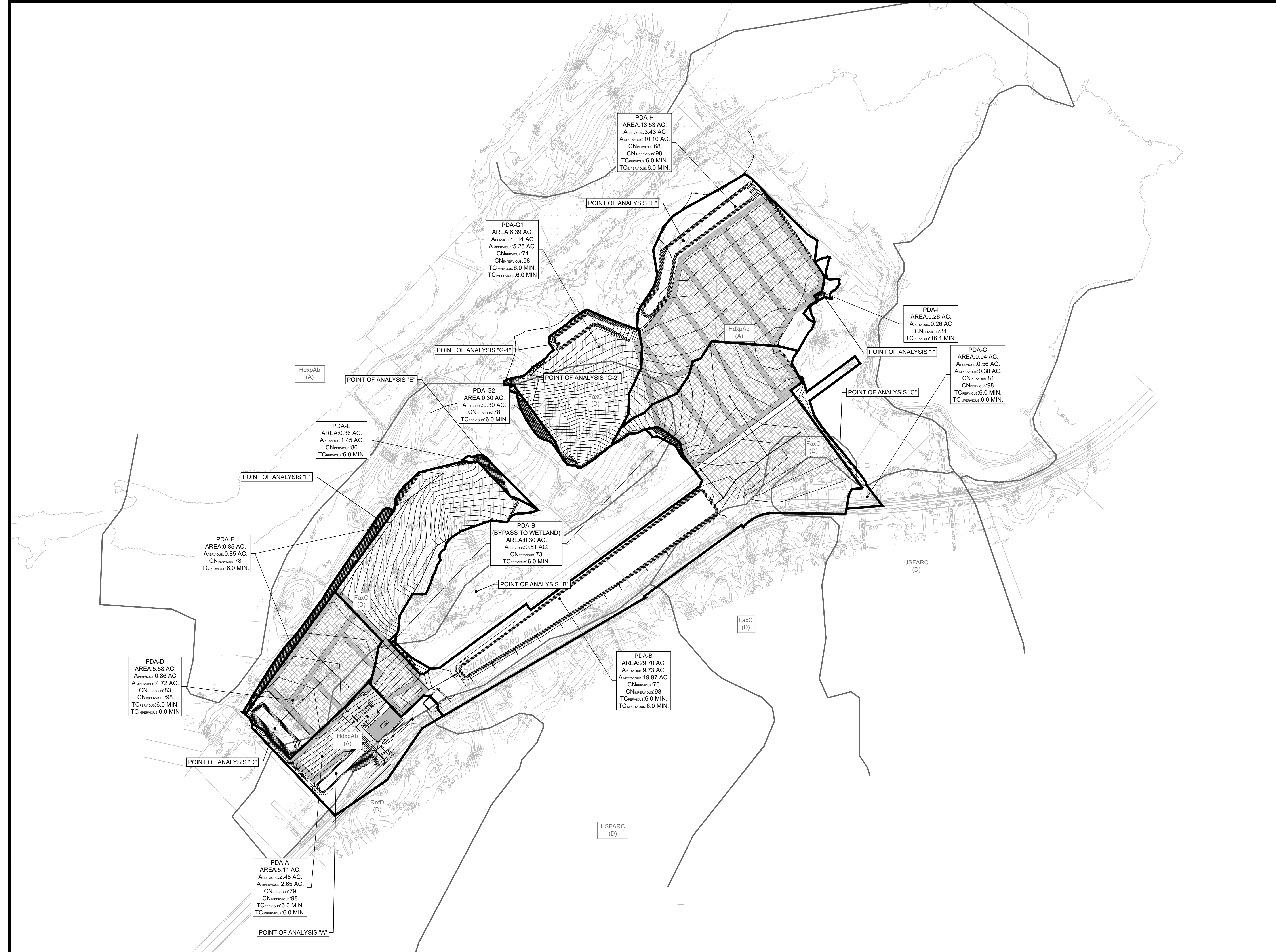
09/29/2021
DATE

WJ
WAYNE J. INGRAM
PROFESSIONAL ENGINEER
N.J. P.E. NO. 24GB04258200

PROJECT:
248 STICKLES POND ROAD
BLOCK 151, LOT 21
ANDOVER TOWNSHIP
SUSSEX COUNTY NEW JERSEY

TITLE:
POST-DEVELOPMENT
DRAINAGE AREA

| | | | |
|-----------|----------------|--------------|----------------------|
| JOB NO.: | 19134 | DRAWING NO.: | 2 2 |
| SCALE: | 1" = 200' | | |
| DESIGNED: | CBR | | |
| CHECKED: | JAH | | |
| FILENAME: | 00_PR-WSHD.DWG | | |
| DATE: | 09/30/2019 | | |



PDA-H
AREA: 13.53 AC.
A_{PERVIOUS}: 3.43 AC.
A_{IMPERVIOUS}: 10.10 AC.
CN_{PERVIOUS}: 88
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-G1
AREA: 6.39 AC.
A_{PERVIOUS}: 1.14 AC.
A_{IMPERVIOUS}: 5.25 AC.
CN_{PERVIOUS}: 71
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-I
AREA: 0.26 AC.
A_{PERVIOUS}: 0.26 AC.
A_{IMPERVIOUS}: 0.00 AC.
CN_{PERVIOUS}: 34
CN_{IMPERVIOUS}: 81
TC_{PERVIOUS}: 16.1 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-C
AREA: 0.94 AC.
A_{PERVIOUS}: 0.56 AC.
A_{IMPERVIOUS}: 0.38 AC.
CN_{PERVIOUS}: 81
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-G2
AREA: 0.30 AC.
A_{PERVIOUS}: 0.30 AC.
A_{IMPERVIOUS}: 0.00 AC.
CN_{PERVIOUS}: 78
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-E
AREA: 0.36 AC.
A_{PERVIOUS}: 1.45 AC.
A_{IMPERVIOUS}: 0.00 AC.
CN_{PERVIOUS}: 86
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-B
(BYPASS TO WETLAND)
AREA: 0.30 AC.
A_{PERVIOUS}: 0.51 AC.
A_{IMPERVIOUS}: 0.00 AC.
CN_{PERVIOUS}: 73
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-F
AREA: 0.85 AC.
A_{PERVIOUS}: 0.85 AC.
A_{IMPERVIOUS}: 0.00 AC.
CN_{PERVIOUS}: 78
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-B
AREA: 29.70 AC.
A_{PERVIOUS}: 9.73 AC.
A_{IMPERVIOUS}: 19.97 AC.
CN_{PERVIOUS}: 76
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-D
AREA: 5.58 AC.
A_{PERVIOUS}: 0.86 AC.
A_{IMPERVIOUS}: 4.72 AC.
CN_{PERVIOUS}: 83
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.

PDA-A
AREA: 5.11 AC.
A_{PERVIOUS}: 2.48 AC.
A_{IMPERVIOUS}: 2.65 AC.
CN_{PERVIOUS}: 79
CN_{IMPERVIOUS}: 98
TC_{PERVIOUS}: 6.0 MIN.
TC_{IMPERVIOUS}: 6.0 MIN.