GRADING/UTILITY GRAPHIC LEGEND

PROPERTY LINE (PARCEL IN QUESTION)
OFF-SITE PROPERTY LINES

EXIST. CABLE LINE
PROP. CABLE LINE
EXIST. ELECTRIC LINE
PROP. ELECTRIC LINE
EXIST. FIBER OPTIC LINE
PROP. FIBER OPTIC LINE
EXIST. GAS LINE
PROP. GAS LINE
EXIST. OVERHEAD WIRES
PROP. OVERHEAD WIRES
EXIST. TELEPHONE LINE
PROP. TELEPHONE LINE
EXIST. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
PROP. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
EXIST. WATER LINE
PROP. WATER LINE
EXIST. SANITARY SEWER LINE
PROP. SANITARY SEWER LINE
EXIST. STORM DRAIN LINE
PROP. STORM DRAIN LINE
EXIST. MINOR CONTOUR & ELEVATION
EXIST. MAJOR CONTOUR & ELEVATION
PROP. FINISH GRADE CONTOUR & ELEVATION
EXIST. MONITORING WELL
APPROX. TEST PIT LOCATION

EXIST. SPOT ELEVATIONS
EXIST. GUTTER ELEV.
EXIST. TOP OF CURB ELEV.
EXIST. FINISH FLOOR ELEV.
EXIST. GARAGE FLOOR ELEV.
EXIST. FIRE HYDRANT
EXIST. WATER VALVE
EXIST. GAS VALVE
EXIST. GAS METER
EXIST. ELECTRIC METER
EXIST. ELECTRIC BOX
EXIST. CLEAN OUT
EXIST. WELL
EXIST. WATER SHUT OFF VALVE
EXIST. TELEPHONE BOX
EXIST. CABLE TV BOX
EXIST. UTILITY POLE
EXIST. GUY WIRE
EXIST. LIGHT POLE
EXIST. BUILDING LIGHT
EXIST. SHOE BOX LIGHT
EXIST. COBRA LIGHT POLE
EXIST. TRAFFIC SIGNAL POLE
EXIST. MANHOLE
EXIST. "A" INLET
EXIST. "B" INLET
EXIST. "E" INLET
EXIST. YARD INLET
EXIST. FLARED END SECTION
EXIST. HEADWALL

PROP. GRADE SPOT ELEV.
PROP. TOP OF CURB & FINISHED GRADE ELEV.
PROP. FINISHED FLOOR ELEV.
PROP. TOP OF WALL & FINISHED GRADE @ LOW SIDE OF WALL (ACTUAL BOTTOM OF WALL FOOTING TO BE ESTABLISHED BY WALL DESIGNER)
PROP. TOP OF EXTENDED CURB, (CH) FINISHED GRADE @ HIGH SIDE OF EXTENDED CURB & (CL) FINISHED GRADE @ LOW SIDE OF EXTENDED CURB
PROP. DIRECTION OF DRAINAGE FLOW ARROW
PROP. WATER VALVE
PROP. GAS VALVE
PROP. STORM CLEANOUT
PROP. SANITARY CLEANOUT
PROP. AREA LIGHT
PROP. OUTLET CONTROL STRUCTURE
PROP. DRAINAGE MANHOLE
PROP. SANITARY SEWER MANHOLE
PROP. "A" INLET
PROP. "B" INLET
PROP. "E" INLET
PROP. YARD INLET
PROP. FLARED END SECTION
PROP. HEADWALL

GRAPHIC SCALE
−50 0 25 50 100 200
(IN FEET)
1 INCH = 50 FT.

SEE SHEET 4 OF 82 FOR GRADING PLAN NOTES

SECOND STREET
U.S. ROUTE 22
MARGIN BOUNDARY
PROPOSED LOT 1 EASEMENT
PROPOSED BLOCK 3401
PROPOSED LOT 8
PROP. ACCESS EASEMENT
MATCHLINE 'A'
BUILDING #3 LOGISTICS/ASSEMBLY/OFFICE 607,260 S.F. FF: 349.00
LOT 1 N/F JAROSE REALTY CORP.
EXIST. N.J. POWER AND LIGHT COMPANY RIGHT OF WAY (DBK. 380 PG. 582) PER MR1
PROP. BASIN NORTH 'A'
TEMPORARY GRADING DURING PROJECT'S PHASE 1. RETAINING WALL BE BE INSTALLED AT TIME OF BUILDING NO. 1 SITE SPECIFIC SITE PLAN APPLICATION.

PROP. TYPE 'B' INLET BASIN NORTH 'A' #132 TC: 362.22 GRT: 361.72 INV IN (15"): 357.70 INV OUT (15"):357.70
PROP. TYPE 'B' INLET BASIN NORTH 'A' #131 TC: 350.03 GRT: 349.53 INV IN (15"): 344.72 INV OUT (15"):344.72
PROP. TYPE 'B' INLET BASIN NORTH 'A' #130 TC: 347.98 GRT: 347.48 INV IN (15"): 342.25 INV OUT (15"):342.25
PROP. TYPE 'B' INLET BASIN NORTH 'A' #105 TC: 345.51 GRT: 345.01 INV IN (36"): 329.28 INV IN (15"): 339.62 INV OUT (36"):329.28
PROP. TYPE 'B' INLET (72"x72") BASIN NORTH 'A' #104 TC: 342.30 GRT: 341.80 INV IN (36"): 328.45 INV IN (30"): 330.05 INV OUT (42"):322.00
PROP. 5'ø STORM MH BASIN NORTH 'A' #103 RIM: 330.66 INV IN (42"): 321.40 INV OUT (42"):315.40
PROP. 4'ø STORM MH BASIN NORTH 'A' #120 RIM: 342.64 INV IN (30"): 330.65 INV IN (18"): 338.65 INV OUT (30"):330.85
PROP. 5'ø STORM MH BASIN NORTH 'A' #102 RIM: 326.81 INV IN (42"): 313.69 INV OUT (42"):307.69
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #121 TC: 340.85 GRT: 340.35 INV IN (24"): 331.85 INV OUT (30"):331.35
PROP. 5'ø STORM MH BASIN NORTH 'A' #101 RIM: 315.57 INV IN (42"): 306.69 INV OUT (42"):304.75
PROP. 4' WINGED HEADWALL BASIN NORTH 'A' #100 INV OUT (42"):304.50
PROP. TYPE 'B' INLET BASIN NORTH 'A' #132 TC: 362.22 GRT: 361.72 INV IN (15"): 357.70 INV OUT (15"):357.70
PROP. TYPE 'B' INLET BASIN NORTH 'A' #131 TC: 350.03 GRT: 349.53 INV IN (15"): 344.72 INV OUT (15"):344.72
PROP. TYPE 'B' INLET BASIN NORTH 'A' #130 TC: 347.98 GRT: 347.48 INV IN (15"): 342.25 INV OUT (15"):342.25
PROP. TYPE 'B' INLET BASIN NORTH 'A' #100 TC: 350.29 GRT: 349.79 INV IN (30"): 334.00 INV IN (8"): 344.39 INV OUT (30"):334.00
PROP. TYPE 'B' INLET BASIN NORTH 'A' #137 TC: 362.51 GRT: 362.01 INV OUT (15"):358.00
PROP. 4'ø SAN. MH SAN. STR. #22 RIM: 347.59 INV IN (8"): 342.90 INV OUT (8"): 341.00
PROP. 4'ø STORM MH BASIN NORTH 'A' #110 RIM: 346.21 INV IN (30"): 334.59 INV IN (15"): 343.62 INV OUT (30"):334.59
PROP. 4'ø STORM MH BASIN NORTH 'A' #107 RIM: 348.00 INV IN (30"): 331.66 INV IN (15"): 343.83 INV OUT (30"):331.66
PROP. 4'ø STORM MH BASIN NORTH 'A' #106 RIM: 347.72 INV IN (30"): 330.35 INV IN (15"): 343.72 INV OUT (36"):329.85
PROP. 4'ø STORM MH BASIN NORTH 'A' #104 RIM: 344.62 INV IN (12"): 340.65 INV IN (12"): 340.65 INV IN (12"): 340.65 INV IN (18"):340.65
PROP. TYPE 'E' INLET W/ RAIN GARDEN BASIN NORTH 'A' #134 GRT: 347.10 INV IN (4"): 343.85 INV OUT (15"):343.85
PROP. TYPE 'E' INLET W/ RAIN GARDEN BASIN NORTH 'A' #136 GRT: 347.20 INV IN (4"): 343.95 INV OUT (15"):343.95
PROP. TYPE 'E' INLET W/ RAIN GARDEN BASIN NORTH 'A' #135 GRT: 347.20 INV IN (4"): 343.95 INV OUT (15"):343.95
PROP. 4'ø STORM MH BASIN NORTH 'A' #108 RIM: 347.95 INV IN (30"): 333.67 INV IN (15"): 343.83 INV OUT (30"):333.67
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #122 TC: 340.85 GRT: 340.35 INV IN (18"): 334.60 INV OUT (24"):333.85
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #123 TC: 340.85 GRT: 340.35 INV OUT (18"):336.00
PROP. 4'ø STORM MH BASIN NORTH 'A' #112 RIM: 343.50 INV IN (12"): 341.20 INV IN (12"): 341.20 INV OUT (24"):340.17
PROP. 4'ø STORM MH BASIN NORTH 'A' #111 RIM: 343.50 INV IN (12"): 341.20 INV IN (12"): 341.20 INV OUT (24"):340.17
PROP. 4'ø STORM MH BASIN NORTH 'A' #110 RIM: 343.50 INV IN (12"): 341.20 INV IN (24"): 339.51 INV OUT (30"):339.51
PROP. 4'ø STORM MH BASIN NORTH 'A' #109 RIM: 343.50 INV IN (12"): 341.20 INV IN (24"): 339.51 INV OUT (30"):339.51
PROP. 4'ø STORM MH BASIN NORTH 'A' #201 RIM: 343.50 INV IN (12"): 341.20 INV IN (30"): 339.18 INV OUT (30"):339.18
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #222 TC: 340.85 GRT: 340.35 INV OUT (15"):336.95
PROP. 4'ø SAN. MH SAN. STR. #11 RIM: 343.95 INV IN (8"): 339.10 INV OUT (8"): 339.00
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #112 TC: 342.50 GRT: 342.00 INV IN (15"): 338.00 INV OUT (18"):337.25
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #113 TC: 342.50 GRT: 342.00 INV OUT (15"):339.00
PROP. 4'ø SAN. MH SAN. STR. #469 RIM: 343.95 INV IN (8"): 337.07 INV IN (8"): 338.51 INV OUT (8"): 336.97
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #214 TC: 342.50 GRT: 342.00 INV OUT (15"):338.28
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #213 TC: 342.50 GRT: 342.00 INV IN (15"): 337.28 INV OUT (24"):337.08
PROP. 4'ø SAN. MH SAN. STR. #115 RIM: 343.95 INV IN (8"): 335.15 INV OUT (8"): 335.05
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #212 TC: 342.50 GRT: 342.00 INV IN (24"): 336.08 INV OUT (24"):336.08
PROP. 4'ø STORM MH BASIN NORTH 'B' #406 RIM: 344.62 INV IN (12"): 341.75 INV IN (30"): 339.85 INV OUT (30"):339.85
PROP. 4'ø STORM MH BASIN NORTH 'B' #405 RIM: 344.62 INV IN (30"): 339.52 INV IN (12"): 341.75 INV OUT (30"):339.52
PROP. 4'ø STORM MH BASIN NORTH 'B' #407 RIM: 344.62 INV IN (12"): 341.75 INV IN (30"): 340.18 INV OUT (30"):340.18
PROP. 4'ø STORM MH BASIN NORTH 'B' #408 RIM: 344.62 INV IN (12"): 341.75 INV IN (24"): 340.51 INV OUT (30"):340.51
PROP. 4'ø STORM MH BASIN NORTH 'B' #409 RIM: 344.62 INV IN (24"): 340.84 INV IN (12"): 341.75 INV OUT (24"):340.84
PROP. 4'ø STORM MH BASIN NORTH 'B' #410 RIM: 344.62 INV IN (12"): 341.75 INV IN (15"): 341.17 INV IN (24"):341.17
PROP. 4'ø STORM MH BASIN NORTH 'B' #411 RIM: 344.62 INV IN (12"): 341.75 INV IN (12"): 341.75 INV OUT (24"):341.50
PROP. 4'ø STORM MH BASIN NORTH 'B' #304 RIM: 343.50 INV IN (36"): 337.86 INV IN (12"): 341.20 INV OUT (30"):337.86
PROP. 4'ø STORM MH BASIN NORTH 'B' #305 RIM: 343.55 INV IN (30"): 338.19 INV IN (12"): 341.20 INV OUT (30"):338.19
PROP. 4'ø STORM MH BASIN NORTH 'B' #306 RIM: 343.50 INV IN (30"): 338.52 INV IN (12"): 341.20 INV OUT (30"):338.52
PROP. 4'ø STORM MH BASIN NORTH 'B' #307 RIM: 343.59 INV IN (30"): 338.85 INV IN (12"): 341.20 INV OUT (30"):338.85
PROP. 4'ø STORM MH BASIN NORTH 'B' #404 RIM: 344.62 INV IN (30"): 339.19 INV IN (12"): 341.75 INV OUT (36"):339.19
PROP. 4'ø STORM MH BASIN NORTH 'B' #403 RIM: 344.62 INV IN (36"): 338.86 INV IN (12"): 341.75 INV OUT (36"):338.86
PROP. 4'ø STORM MH BASIN NORTH 'B' #402 RIM: 344.62 INV IN (36"): 338.53 INV IN (15"): 341.75 INV OUT (36"):338.53
PROP. 4'ø SAN. MH SAN. STR. #413 RIM: 347.09 INV IN (8"): 337.79 INV OUT (8"): 337.68
PROP. TYPE 'E' INLET W/ RAIN GARDEN BASIN NORTH 'A' #207 GRT: 344.75 INV IN (4"): 341.50 INV OUT (15"):341.50
PROP. 5'ø STORM MH BASIN NORTH 'A' #105 RIM: 345.51 INV IN (36"): 329.28 INV IN (15"): 339.62 INV OUT (36"):329.28
PROP. 5'ø STORM MH BASIN NORTH 'A' #104 RIM: 342.30 INV IN (36"): 328.45 INV IN (30"): 330.05 INV OUT (42"):322.00
PROP. 5'ø STORM MH BASIN NORTH 'A' #103 RIM: 330.66 INV IN (42"): 321.40 INV OUT (42"):315.40
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PROP. 4' WINGED HEADWALL BASIN NORTH 'A' #100 INV OUT (42"):304.50
PROP. TYPE 'B' INLET W/ INLET FILTER BASIN NORTH 'A' #222 TC: 340.85 GRT: 340.35 INV OUT (15"):336.95

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REV.	DATE	COMMENTS	
7	02/24/20	REVISED PER RAND BOULEVARD OVERHEAD UTILITIES & GENERAL COORDINATION	JDO
6	09/27/19	REVISED PER TOWN ENGINEER AND WATER COMPANY COMMENTS	JDO
5	09/16/19	REVISED PER RAND BOULEVARD RELOCATION	JDO
4	07/17/19	REVISED PER NORTH A TWA COMMENTS	JDO
3	07/02/19	REVISED PER NORTH A, TWA, TOWN ENGINEER COMMENTS	JDO
2	06/11/19	REVISED PER RESOLUTION OF APPROVAL AND PLANNING BOARD COMMENTS	JDO
1	08/31/18	REVISED PER RESOLUTION OF APPROVAL AND PLANNING BOARD COMMENTS	BW

COMMENT: **FINAL FOR SANITARY SEWER DESIGN**

CONSTRUCTION CHECK _____ DATE _____
CONSTRUCTION CHECK _____ DATE _____

PROJECT: **I-78 LOGISTICS PARK PHILLIPSBURG, URBAN RENEWAL, LLC**
PROPOSED BRIDGE POINT 78 – BUILDINGS 1, 3, 4 & 6
PHILLIPSBURG & TOWNSHIP OF LOPATCONG
WARREN COUNTY, NEW JERSEY

BRIDGE

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JOSEPH G. JAWORSKI
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 36618

TITLE:
GRADING PLAN 'A'

SCALE:	DATE:	DRAWN BY:	DESIGNED BY:
AS SHOWN	06/05/2018	MWK/KTK	WB
PROJECT No: 1313-99-012			CHECKED BY: WB

SHEET No: 9 OF 82 Rev. #: 7

Plotted: 03/10/20 – 4:01 PM By: jjordes
File: P:\JOBS\PC PROJECTS\1313 Bridge Development Partners, LLC\99-012 Phillipsburg\Dwg\Site Plans Bldg 3\01313X3001SX50.dwg, ----> 09 GRADING PLAN 'A'

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