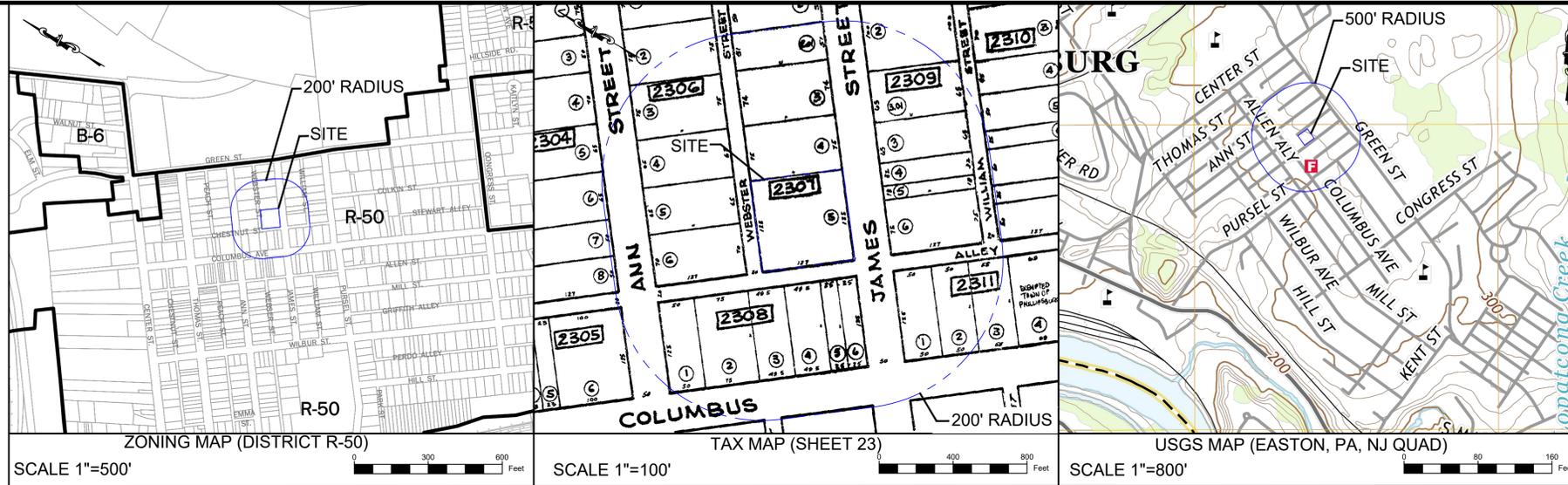


GENERAL NOTES:

- OWNER/APPLICANT:
445 JAMES STREET, LLC
45 TIMBER RIDGE ROAD
NORTH BRUNSWICK, NJ 08902
- BOUNDARY INFORMATION SHOWN HEREON WAS TAKEN FROM A PLAN ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY", PREPARED BY ENGINEERING & LAND PLANNING ASSOCIATES, INC., DATED 05/12/2020 OR LAST REVISED.
- THESE PLANS ARE NOT TO BE USED AS SURVEYS. REFER TO REFERENCE SOURCES FOR BOUNDARY AND TOPOGRAPHIC INFORMATION (NOTE # 2 ABOVE).
- ALL ELEVATIONS GIVEN ARE ON NAVD 1988 DATUM.
- NO DEED RESTRICTIONS OR COVENANTS ARE PROPOSED FOR THE SITE.
- THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED FOR CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED ON THE DRAWINGS AND EACH DRAWING HAS BEEN MARKED "ISSUED FOR CONSTRUCTION."
- THE LOCATION, TYPE, LINE, SIZE, DEPTH, ETC. OF ALL EXISTING UTILITIES, ARE APPROXIMATE. LOCATION OF SERVICE LATERALS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND AT HIS OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION.



CERTIFICATIONS/APPROVALS

MUNICIPALITY
THIS PLAN IS HEREBY APPROVED BY THE PLANNING BOARD OF THE TOWN OF PHILLIPSBURG, WARREN COUNTY

DATE _____ BOARD CHAIRMAN
DATE _____ BOARD SECRETARY
DATE _____ TOWN ENGINEER

I HEREBY CERTIFY THAT I AM THE PRESENT OWNER OF THE REFERENCED PROPERTY AND THAT I CONSENT TO THE FILING OF THIS MINOR SUBDIVISION PLAN WITH THE PLANNING BOARD OF THE TOWN OF PHILLIPSBURG.

DATE _____ 445 JAMES STREET, LLC

| BLOCK | LOT | PROPERTY OWNER NAME | ADDRESS |
|-------|------|--------------------------------------|---|
| 2304 | 5 | BERNARD JR & ROSE BLADIES | 457 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2304 | 6 | CHRISTIAN D. & JAN MANN | 455 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2304 | 7 | PATRICIA A. NATISIN | 449 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2304 | 8 | EST OF JAMES C. TERSIGNI | 525 JOHN MITCHELL AVE PHILLIPSBURG, NJ 08865 |
| 2305 | 6 | ELSA N MOSER | 709 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2306 | 2 | JODI L. & DARLENE VISCOMI | 460 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2306 | 3 | LOUIS, MARYANN & MICHAEL J. GRAZIOSI | 458 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2306 | 4 | HELEN B. WEISS | 452 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2306 | 5 | RICKY & DEBRA M. HORAK | 446 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2306 | 6 | JACQUELI PAULLUS & LEO PURSELL JR | 444 ANN STREET PHILLIPSBURG, NJ 08865 |
| 2307 | 2 | JAMES M. & JANETTE HUNARA | 475 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2307 | 2.01 | MICHAEL & LISA BOYLAN | 471 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2307 | 3 | MICHAEL & MARISSA BRACCO | 465 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2307 | 4 | BRIAN & JENNIFER KEITH | 461 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2308 | 1 | ANTHONY J. HEYWOOD & ALEXIS VITELLO | 717 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2308 | 2 | JORGE DIAZ | 721 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2308 | 3 | HENRY SWICK | 731 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2308 | 4 | BELA LOGISTICS LLC | 735 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2308 | 5 | MICHAEL J. & KAREN A. COD | 739 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2308 | 6 | ANTHONY & KATHLEEN SCALFARO | 741 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2309 | 2 | CHRISTOPHER & ALLISON KNABB | 474 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2309 | 3 | DESIREE D. NEMETH | 456 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2309 | 3.01 | BILL & SONJA ALBERT | 466 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2309 | 4 | DARLENE M. MEYERS | 452 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2309 | 5 | EDITH M. CALECA | 450 JAMES STREET PHILLIPSBURG, NJ 08865 |
| 2309 | 6 | MICHAEL WARMUTH | 6 PRIZE DRIVE WASHINGTON, NJ 07882 |
| 2310 | 5 | DENISE REED & DOLORES SOHN | 457 PURSEL STREET PHILLIPSBURG, NJ 08865 |
| 2310 | 6 | NEW NATIONAL HOLDINGS LLC | 405 THOMAS STREET UNIT B PHILLIPSBURG, NJ 08865 |
| 2310 | 7 | CAROLYN PENROSE | 451 PURSEL STREET PHILLIPSBURG, NJ 08865 |
| 2310 | 8 | JOHN R. & CONNIE LEE GUIDI | 447 PURSEL STREET PHILLIPSBURG, NJ 08865 |
| 2310 | 9 | JEFFREY A. & JOHN ETALS LOVEATZ | 443 PURSEL STREET PHILLIPSBURG, NJ 08865 |
| 2311 | 1 | LISSETTE JUAN & TER DIAZ-CEBALLOS | 749 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2311 | 2 | ELIZABETH PIANELLI | 757 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2311 | 3 | COLUMBUS APARTMENTS LLC | 18 ROLLING HILLS WAY PHILLIPSBURG, NJ 08865 |
| 2311 | 4 | TOWN OF PHILLIPSBURG | 120 FILMORE STREET PHILLIPSBURG, NJ 08865 |
| 2408 | 1 | JEFFREY A. & JENNIFER L. MILLER | 710 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2408 | 2 | DIANA P. & ROBERT J. EDWARDS | 350 THOMAS STREET PHILLIPSBURG, NJ 08865 |
| 2408 | 3 | DIANA P. & ROBERT J. EDWARDS | 350 THOMAS STREET PHILLIPSBURG, NJ 08865 |
| 2411 | 1 | GARY RUSSO | 1620 CORTEZ ROAD LAKE ARIEL, PA 18436 |
| 2411 | 2 | ANTHONY E. RUSSO | 23 LANCASTER ROAD UNION, NJ 07083 |
| 2411 | 3 | GARY RUSSO | 1620 CORTEZ ROAD LAKE ARIEL, PA 18436 |
| 2411 | 4 | JOHN BURGER | 740 COLUMBUS AVE PHILLIPSBURG, NJ 08865 |
| 2414 | 1 | MANUEL D. & JOSEFINA P. VIDAL | 52 FISHER AVE WASHINGTON, NJ 07882 |
| 2414 | 2 | W&R BROTHERS LLC | 21 NILES STREET 2ND FL ELIZABETH, NJ 07201 |

| ADDITIONAL PARTIES TO BE NOTIFIED | |
|---|--|
| PROPERTY OWNER | ADDRESS |
| VERIZON TELEPHONE SERVICE | 1252 ROUTE 22 PHILLIPSBURG, NJ 08865 |
| GPU ELECTRIC SERVICE | 300 MADISON STREET MORRISTOWN, NJ 07960 |
| AQUA, NEW JERSEY WATER SERVICE | 1099 RIVER ROAD PHILLIPSBURG, NJ 08865 |
| SERVICE ELECTRIC CABLE TV INC. | 2260 AVENUE A BETHLEHEM, PA 18017 |
| TOWN OF PHILLIPSBURG SANITARY SEWER SERVICE | 120 FILMORE STREET PHILLIPSBURG, NJ 08865 |
| ELIZABETH TOWN GAS | 1 ELIZABETH TOWN PLAZA PO BOX 3175 UNION, NJ 07083 |

MINOR SUBDIVISION PLAN

445 JAMES STREET, LLC

BLOCK: 2307 LOT: 5
TOWN OF PHILLIPSBURG, WARREN COUNTY, NEW JERSEY

PREPARED BY
ENGINEERING & LAND PLANNING ASSOCIATES, INC.
140 WEST MAIN STREET, HIGH BRIDGE, NEW JERSEY 08829

| PLAN INDEX | |
|------------|--------------------------------------|
| SHEET No. | TITLE |
| 1. | COVER SHEET |
| 2. | MINOR SUBDIVISION PLAN |
| 3. | PREVAILING SETBACK EXHIBIT |
| 4. | GRADING, UTILITY, & DRAINAGE PLAN |
| 5. | SOIL EROSION & SEDIMENT CONTROL PLAN |
| 6. | SESC NOTES & DETAILS |
| 7. | CONSTRUCTION DETAILS |

OUTSIDE AGENCY APPROVALS:

- WARREN COUNTY PLANNING BOARD
- WARREN COUNTY SOIL CONSERVATION DISTRICT

| TOWN OF PHILLIPSBURG ZONING REQUIREMENTS | | | | | | |
|---|----------|-------------------------|-------------------|-------------------|-------------------|--------------------|
| ITEM | REQUIRED | EXISTING | PROPOSED LOT 5.01 | PROPOSED LOT 5.02 | PROPOSED LOT 5.03 | VARIANCE REQUESTED |
| ZONING DISTRICT | | R-50 (RESIDENTIAL ZONE) | | | | - |
| MIN. LOT AREA (S.F.) | 5,000 | 15,875 | 5,461 | 5,207 | 5,207 | - |
| MIN. FRONTAGE (FT) | 50 | 125 | 127 | 41 | 41 | V |
| BUILDING SETBACKS FOR PRINCIPAL STRUCTURE | | | | | | |
| FRONT YARD SETBACK (FT) | 25 | N/A | | | | |
| WEBSTER STREET | 25 | N/A | 77 | 77 | 77 | - |
| JAMES STREET | 9.66 | N/A | 10 | 10 | 10 | - |
| MOVIE ALLEY | 2.88 | N/A | 7 | N/A | N/A | - |
| SIDE YARD SETBACK - ONE SIDE (FT) | 5 | N/A | 6 | 5 | 5 | - |
| REAR YARD SETBACK (FT) | 25 | N/A | N/A | N/A | N/A | - |
| MIN. FLOOR AREA (S.F.) | 1,200 | N/A | > 1,200 | > 1,200 | > 1,200 | - |
| MAX. DENSITY (UNIT/AC.) | 1 | N/A | <1 | <1 | <1 | - |
| MAX. COVERAGE(%) | 40 | 7 | 32 | 33 | 33 | - |

(V) INDICATES THAT A VARIANCE IS REQUIRED
(-) INDICATES NO VARIANCE IS REQUIRED

NOTE: PREVAILING FRONT YARD SETBACKS ARE IN ACCORDANCE WITH CHAPTER 625-8.E.(1) OF THE TOWN OF PHILLIPSBURG ZONING ORDINANCE.

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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. 8/31/2020

| NO. | REVISION | BY | DATE |
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06/30/2020
DATE _____
CHRISTOPHER NUSSER
PROFESSIONAL ENGINEER
N.J. P.E. NO. 24GE04902500

PROJECT:
445 JAMES STREET
BLOCK 2307 LOT 5
TOWN OF PHILLIPSBURG
WARREN COUNTY NEW JERSEY

TITLE:
COVER SHEET

JOB NO.: 0120091
SCALE: N.T.S.
DESIGNED: AAP
CHECKED: CRN
FILENAME: 01_COVER.DWG
DATE: 06/30/2020

1
7

| TOWN OF PHILLIPSBURG ZONING REQUIREMENTS | | | | | | |
|---|----------|-------------------------|-------------------|-------------------|-------------------|--------------------|
| ITEM | REQUIRED | EXISTING | PROPOSED LOT 5.01 | PROPOSED LOT 5.02 | PROPOSED LOT 5.03 | VARIANCE REQUESTED |
| ZONING DISTRICT | | R-50 (RESIDENTIAL ZONE) | | | | - |
| MIN. LOT AREA (S.F.) | 5,000 | 15,875 | 5,461 | 5,207 | 5,207 | - |
| MIN. FRONTAGE (FT) | 50 | 125 | 127 | 41 | 41 | V |
| BUILDING SETBACKS FOR PRINCIPAL STRUCTURE | | | | | | |
| FRONT YARD SETBACK (FT) | 25 | N/A | | | | |
| WEBSTER STREET | 25 | N/A | 77 | 77 | 77 | - |
| JAMES STREET | 9.66 | N/A | 10 | 10 | 10 | - |
| MOVLE ALLEY | 2.88 | N/A | 7 | N/A | N/A | - |
| SIDE YARD SETBACK - ONE SIDE (FT) | 5 | N/A | 6 | 5 | 5 | - |
| REAR YARD SETBACK (FT) | 25 | N/A | N/A | N/A | N/A | - |
| MIN. FLOOR AREA (S.F.) | 1,200 | N/A | > 1,200 | > 1,200 | > 1,200 | - |
| MAX. DENSITY (UNIT/AC.) | 1 | N/A | <1 | <1 | <1 | - |
| MAX. COVERAGE(%) | 40 | 7 | 32 | 33 | 33 | - |

NOTE: PREVAILING FRONT YARD SETBACKS ARE IN ACCORDANCE WITH CHAPTER 625-8.E.(1) OF THE TOWN OF PHILLIPSBURG ZONING ORDINANCE.

(V) INDICATES THAT A VARIANCE IS REQUIRED
(-) INDICATES NO VARIANCE IS REQUIRED

- LEGEND:**
- PROPERTY LINE
 - - - PROPOSED SUBDIVISION LINE
 - - - PROPOSED SETBACK LINE
 - ▨ EXISTING PAVEMENT TO BE REMOVED
 - ▩ PROPOSED PAVED PARKING AREA
 - PROPOSED CONCRETE
 - PROPOSED STRUCTURE

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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. 8/31/2020

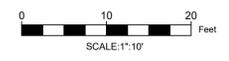
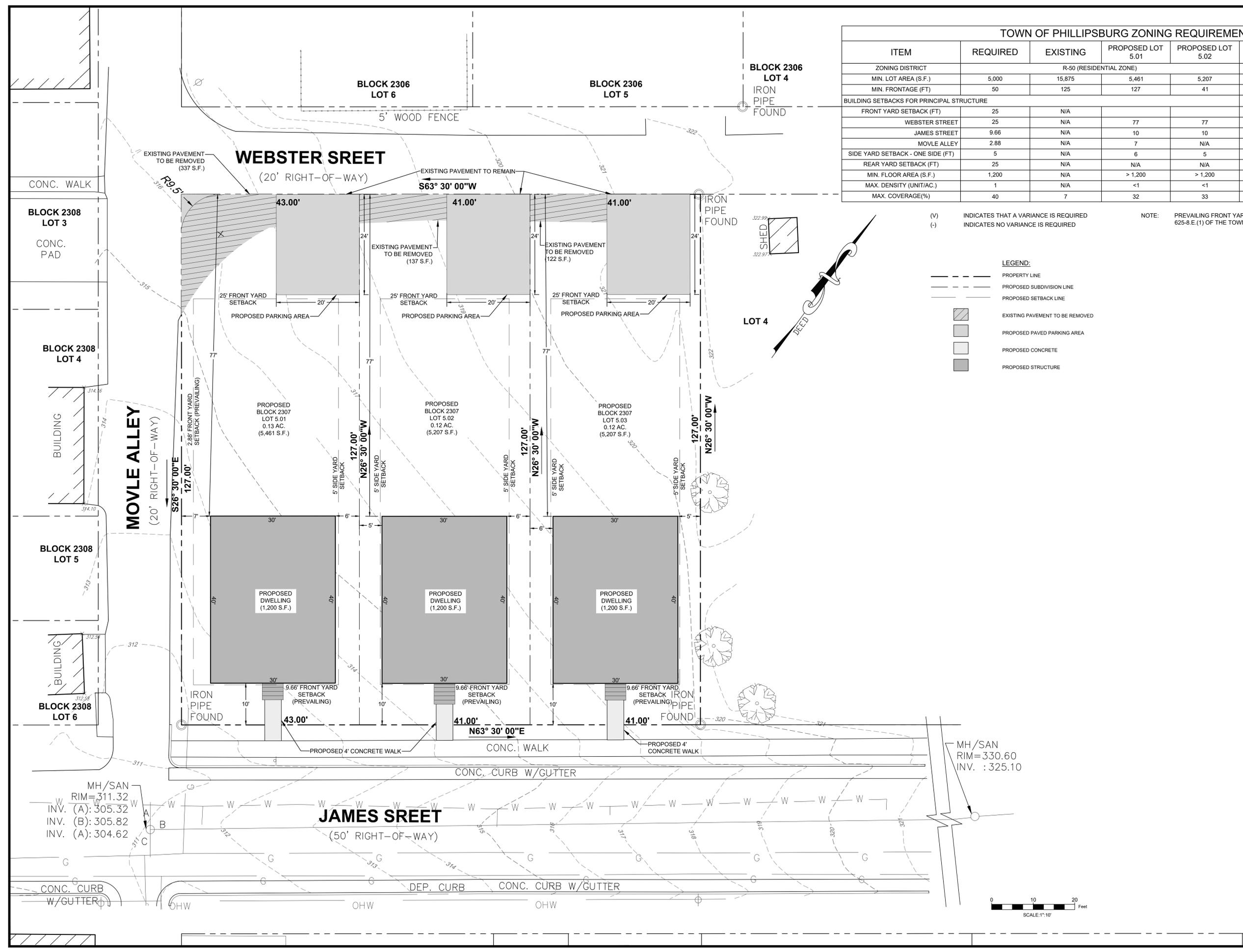
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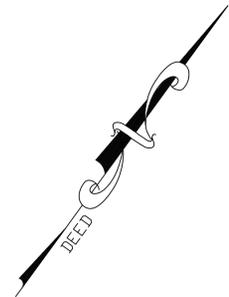
07/01/2020
DATE
CHRISTOPHER NUSSER
PROFESSIONAL ENGINEER
N.J. P.E. NO. 24GE04902500

PROJECT:
445 JAMES STREET
BLOCK 2307 LOT 5
TOWN OF PHILLIPSBURG
WARREN COUNTY NEW JERSEY

TITLE:
MINOR SUBDIVISION PLAN

| | | | |
|-----------|------------|--------------|--------|
| JOB NO.: | 0120091 | DRAWING NO.: | 2 7 |
| SCALE: | 1"=10' | | |
| DESIGNED: | AAP | | |
| CHECKED: | CRN | | |
| FILENAME: | PLAT.DWG | | |
| DATE: | 07/01/2020 | | |

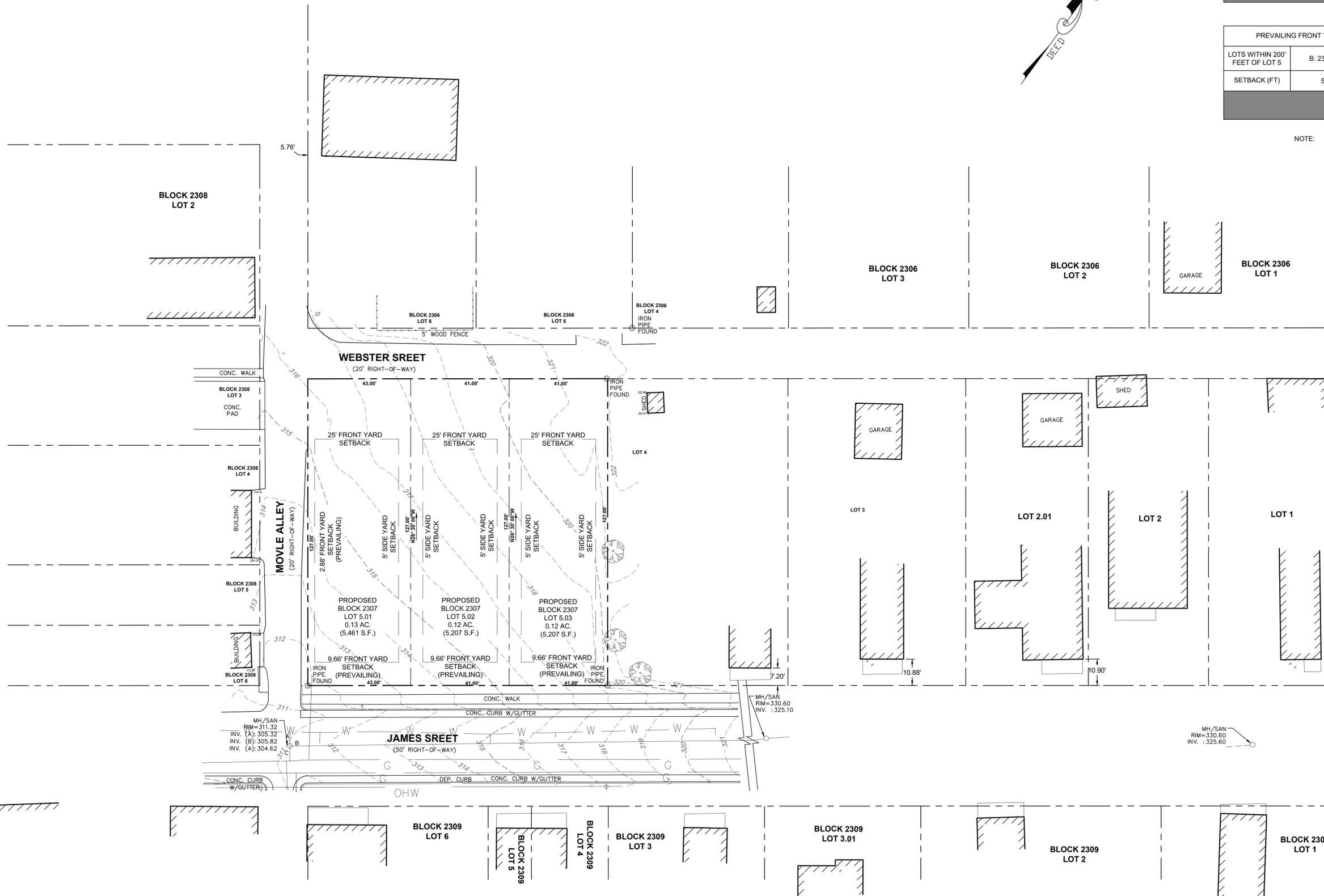




| PREVAILING FRONT YARD SETBACK CALCULATIONS (JAMES STREET) | | | | |
|---|------|-------|----------------------|------|
| LOTS WITHIN 200' FEET OF LOT 5 | 4 | 3 | 2.01 | |
| SETBACK (FT) | 7.20 | 10.88 | 10.90 | |
| | | | AVERAGE SETBACK (FT) | 9.66 |

| PREVAILING FRONT YARD SETBACK CALCULATIONS (MOVLE ALLEY) | | | |
|--|--------------|----------------------|------|
| LOTS WITHIN 200' FEET OF LOT 5 | B: 2306 L: 6 | B: 2309 L: 6 | |
| SETBACK (FT) | 5.76 | 0 | |
| | | AVERAGE SETBACK (FT) | 2.88 |

NOTE: PREVAILING FRONT YARD SETBACKS ARE IN ACCORDANCE WITH CHAPTER 625-8.E.(1) OF THE TOWN OF PHILLIPSBURG ZONING ORDINANCE.



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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. 8/31/2020

| NO. | REVISION | BY | DATE |
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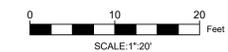
07/01/2020
 DATE

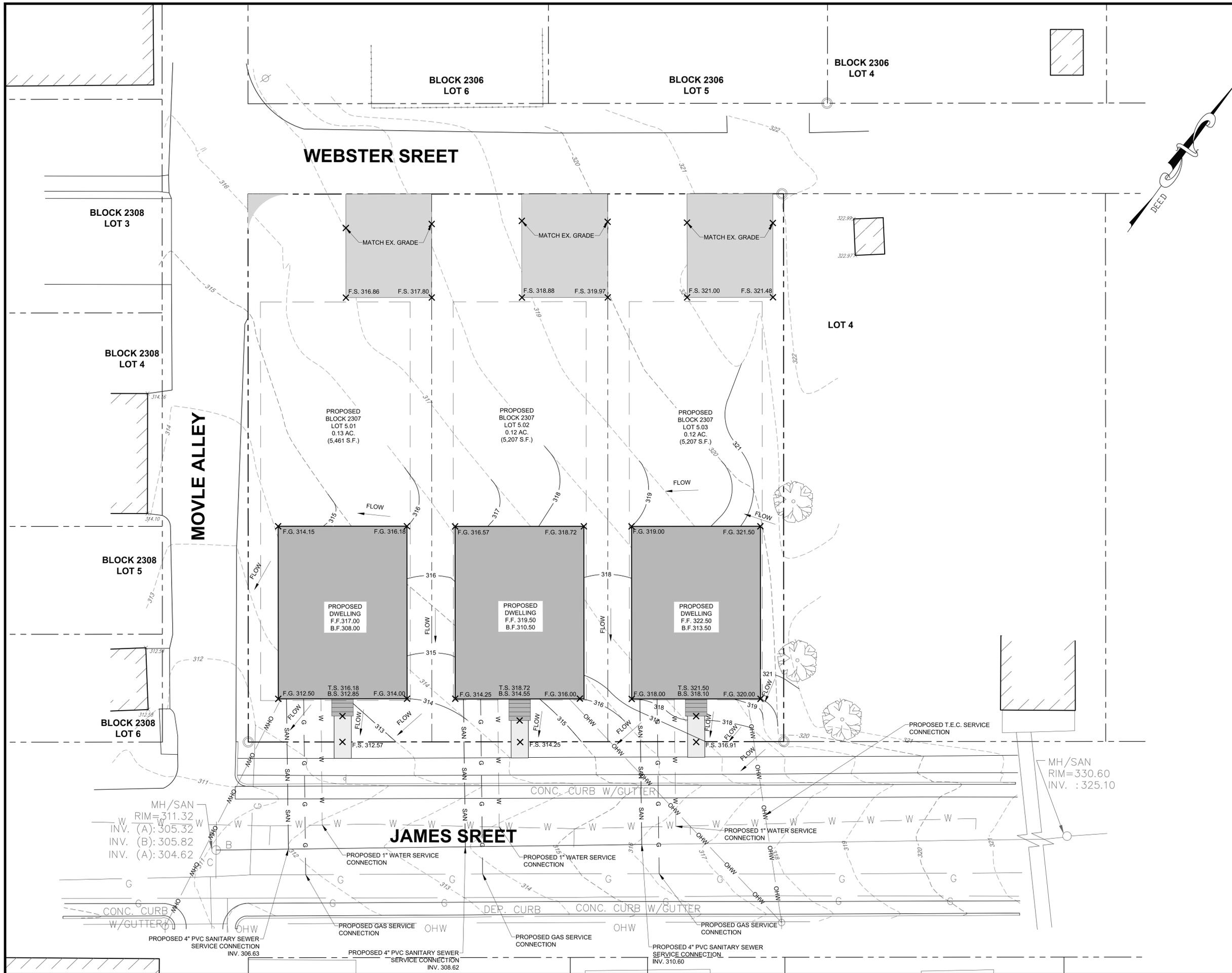
 CHRISTOPHER NUSSER
 PROFESSIONAL ENGINEER
 N.J. P.E. NO. 24GE04902500

PROJECT:
 445 JAMES STREET
 BLOCK 2307 LOT 5
 TOWN OF PHILLIPSBURG
 WARREN COUNTY NEW JERSEY

TITLE:
 PREVAILING
 SETBACK EXHIBIT

| | | |
|-----------|------------|---|
| JOB NO.: | 0120091 | <div style="border: 1px solid black; padding: 5px; font-size: 2em; font-weight: bold;">3</div> <div style="border: 1px solid black; padding: 5px; font-size: 2em; font-weight: bold;">7</div> |
| SCALE: | 1" = 20' | |
| DESIGNED: | AAP | |
| CHECKED: | CRN | |
| FILENAME: | PLAT.DWG | |
| DATE: | 07/01/2020 | |





- LEGEND:**
- PROPERTY LINE
 - - - PROPOSED SUBDIVISION LINE
 - - - PROPOSED SETBACK LINE
 - ▒ PROPOSED PAVED PARKING AREA
 - ▒ PROPOSED CONCRETE
 - ▒ PROPOSED STRUCTURE
 - - - EXISTING CONTOUR
 - - - PROPOSED CONTOUR
 - G GAS SERVICE LINE
 - W WATER SERVICE LINE
 - OHW ELECTRIC SERVICE LINE
 - SAN SANITARY SEWER SERVICE LINE



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140 WEST MAIN STREET HIGH BRIDGE, NJ 08829
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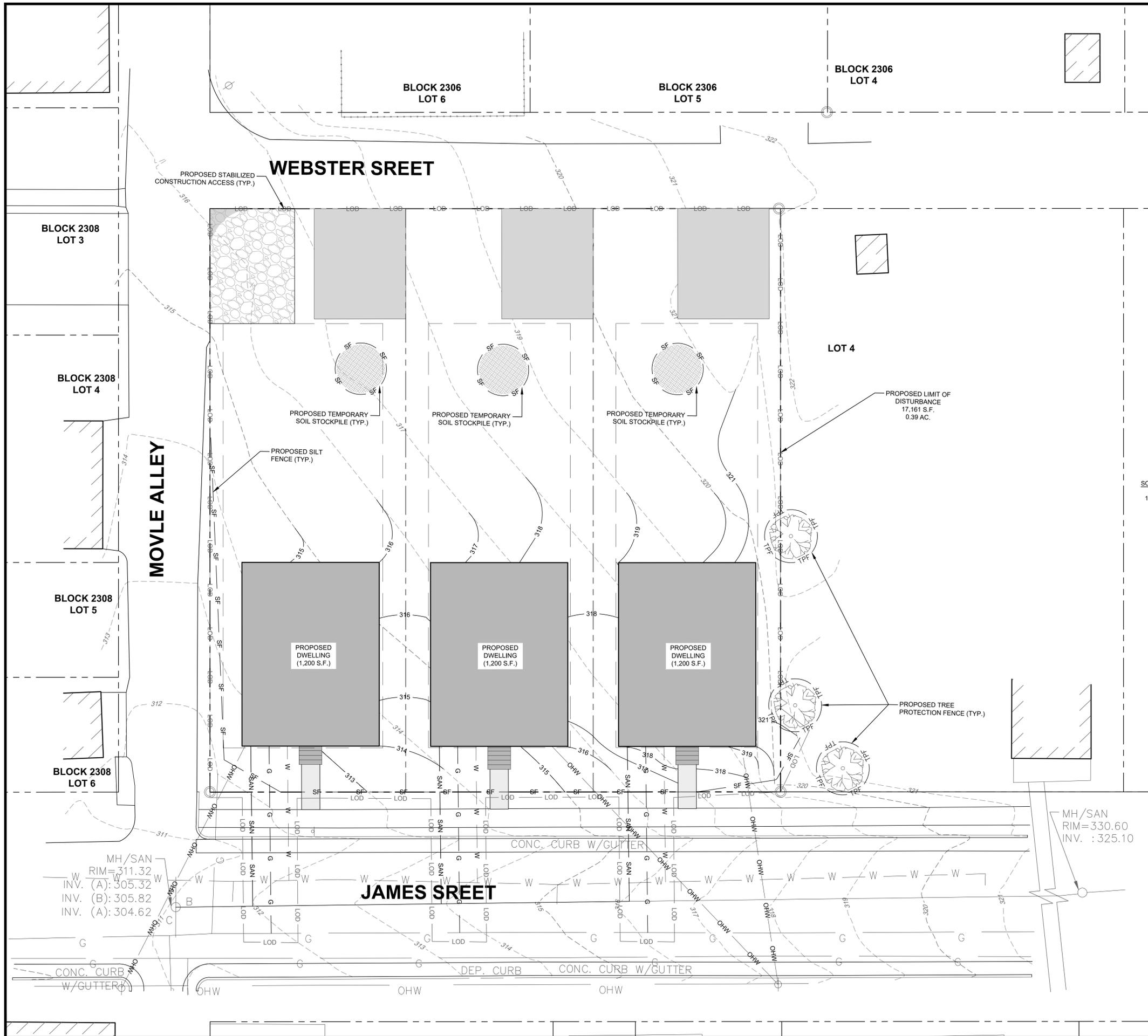
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07/01/2020
 DATE
 CHRISTOPHER NUSSER
 PROFESSIONAL ENGINEER
 N.J. P.E. NO. 24GE04902500

PROJECT:
 445 JAMES STREET
 BLOCK 2307 LOT 5
 TOWN OF PHILLIPSBURG
 WARREN COUNTY NEW JERSEY

TITLE:
**GRADING, DRAINAGE
 & UTILITY PLAN**

| | | | |
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| JOB NO.: | 0120091 | DRAWING NO.: | 4 7 |
| SCALE: | 1"=10' | | |
| DESIGNED: | AAP | | |
| CHECKED: | CRN | | |
| FILENAME: | GRADINGDRAINAGE.DWG | | |
| DATE: | 07/01/2020 | | |



- LEGEND:**
- PROPERTY LINE
 - PROPOSED SUBDIVISION LINE
 - PROPOSED SETBACK LINE
 - ▨ PROPOSED PAVED PARKING AREA
 - ▩ PROPOSED CONCRETE
 - ▧ PROPOSED STRUCTURE
 - - - - EXISTING CONTOUR
 - - - - PROPOSED CONTOUR
 - G --- GAS SERVICE LINE
 - W --- WATER SERVICE LINE
 - OHW --- ELECTRIC SERVICE LINE
 - SAN --- SANITARY SEWER SERVICE LINE
 - PROPOSED LIMIT OF DISTURBANCE
 - SF --- PROPOSED SILT FENCE
 - TPF --- PROPOSED TREE PROTECTION FENCE
 - ▨ PROPOSED CONSTRUCTION ACCESS
 - ▩ PROPOSED SOIL STOCKPILE



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- SOIL RESTORATION NOTE:**
1. THIS PROJECT IS EXEMPT FROM THE COMPACTION TESTING DEFINED IN SECTION 19-2 OF THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY UPDATED DECEMBER OF 2017. THE PROJECT SITE IS LOCATED WITHIN METROPOLITAN PLANNING AREA (PA1).



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. 8/31/2020

| NO. | REVISION | BY | DATE |
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07/01/2020
 DATE

 CHRISTOPHER NUSSER
 PROFESSIONAL ENGINEER
 N.J. P.E. NO. 24GE04902500

PROJECT:
 445 JAMES STREET
 BLOCK 2307 LOT 5
 TOWN OF PHILLIPSBURG
 WARREN COUNTY NEW JERSEY

TITLE:
SOIL EROSION & SEDIMENT CONTROL PLAN

| | | | |
|-----------|-------------|--------------|----------------------|
| JOB NO.: | 0120091 | DRAWING NO.: | 5 7 |
| SCALE: | 1"=10' | | |
| DESIGNED: | AAP | | |
| CHECKED: | CRN | | |
| FILENAME: | EROSION.DWG | | |
| DATE: | 07/01/2020 | | |

WARREN COUNTY SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL NOTES:

1. THE DISTRICT SHALL BE REPRESENTED AT THE PROJECT PRECONSTRUCTION MEETING WITH THE TOWNSHIP ENGINEER, CONTRACTORS AND UTILITY REPRESENTATIVES. IF THE TOWNSHIP ENGINEER DOES NOT SCHEDULE A PRECONSTRUCTION MEETING, IT IS THE RESPONSIBILITY OF THE OWNER/APPLICANT TO SCHEDULE ONE BEFORE ANY LAND DISTURBANCE. TWO WEEKS NOTICE MUST BE GIVEN FOR SCHEDULING PRECONSTRUCTION MEETINGS.
2. FAILURE OF THE AFOREMENTIONED PLAN SHALL NOT RELIEVE THE APPLICANT OF ANY OF ITS RESPONSIBILITIES RELEVANT TO THE APPROPRIATE STATUTES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY THE DISTRICT IN THE EVENT OF ANY UNFORESEEN PROBLEMS INCURRED DURING CONSTRUCTION.
3. ANY CHANGES OF APPROVED PLANS SHALL REQUIRE AN ADDITIONAL SUBMITTAL TO THE DISTRICT INCLUDING APPROPRIATE RE-REVIEW FEES.
4. A 48 HOUR START OF LAND DISTURBANCE NOTIFICATION SHALL BE GIVEN.
5. IN THE *N.J.S.A. 4-24-39 ET SEQ.* REQUIRES THAT NO CERTIFICATES OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES. ALL SITE WORK RELATIVE TO APPROVED PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS WILL BE COMPLETED BEFORE THE DISTRICT ISSUES A CERTIFICATE OF COMPLIANCE. TWO WEEKS NOTICE MUST BE GIVEN TO THE DISTRICT TO SCHEDULE INSPECTION FOR CERTIFICATE OF COMPLIANCE RELEASE.
6. FINAL STABILIZATION OF ALL LAND DISTURBANCES ASSOCIATED WITH UNDERGROUND UTILITIES, IRRESPECTIVE OF PHASING, IS THE ULTIMATE RESPONSIBILITY OF THE OWNER.
7. A CASH BOND OF LESS THAN \$2,500. (PER DISTURBED ACRE OR PART THEREOF, OR A LOT) WILL BE POSTED WITH THE WARREN COUNTY SOIL CONSERVATION DISTRICT DURING THE NON GROWING SEASON (NOVEMBER 15 - APRIL 15) IF A CERTIFICATE OF COMPLIANCE IS NEEDED AND SOIL EROSION AND SEDIMENT CONTROL MEASURES FOR PERMANENT STABILIZATION ARE NOT COMPLETED.
8. SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
9. NO BUILDING PERMITS WILL BE RELEASED UNTIL ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON APPROVED PLANS ARE INSTALLED.
10. DUST TO BE CONTROLLED WITH WATER CALCIUM CHLORIDE OR OTHER METHOD APPROVED BY THE SOIL CONSERVATION DISTRICT.
11. TRACKING PAD TO BE KEPT CLEAN AND REPAIRED AS NECESSARY.
12. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH *STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, FEBRUARY 2014.*

TEMPORARY STABILIZATION WITH MULCH ONLY

STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE SPREAD UNIFORMLY AT THE RATE OF 2 TO 2 1/2 TONS PER ACRE (TOTAL GROUND SURFACE COVERAGE). THIS PRACTICE IS LIMITED TO PERIODS WHEN VEGETATIVE COVER CANNOT BE ESTABLISHED DUE TO THE SEASON OR OTHER CONDITIONS. MULCH MUST BE ANCHORED IN ACCORDANCE WITH NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. MULCH ALONE CAN ONLY BE USED FOR SHORT PERIOD AND WILL REQUIRE MAINTENANCE AND RENEWAL. OTHER MULCH MATERIALS MAY BE UTILIZED IF APPROVED BY THE DISTRICT.

TEMPORARY SEEDING

TEMPORARY SEEDING IS TO BE USED ON ALL DISTURBED AREAS WHERE PERMANENT STABILIZATION WILL NOT BE ACCOMPLISHED FOR A PERIOD OF UP TO 6 MONTHS.

| PRODUCT | RATE | RECOMMENDED OPTIMUM SEEDING DATES |
|----------------------------|---------------|-----------------------------------|
| PERENNIAL RYEGRASS | 100 LBS./ACRE | 3/15-5/15 & 8/15-10/1 |
| SPRING OATS | 86 LBS./ACRE | 3/15-6/1 & 8/1-10/1 |
| WINTER CEREAL RYE | 112 LBS./ACRE | 8/1-11/15 |
| WINTER BARLEY | 96 LBS./ACRE | 8/15-10/1 |
| PEARL MILLET | 20 LBS./ACRE | 5/15-8/15 |
| GERMAN OR HUNGARIAN MILLET | 30 LBS./ACRE | 5/15-8/15 |

STABILIZATION WITH SOD

STABILIZATION WITH SOD IS PERMITTED IN AREAS WHERE MAINTENANCE AND IRRIGATION ARE ADEQUATE TO INSURE PROPER ESTABLISHMENT AND LONGEVITY. SEEDBED PREPARATION IS TO BE CONSISTENT WITH ANY OTHER STABILIZATION REQUIREMENTS. (LIME AND FERTILIZER BAGS ARE TO BE RETAINED FOR DISTRICT INSPECTION.) ON SLOPES GREATER THAN 3 TO 1, SOD MUST BE PROPERLY ANCHORED TO THE SLOPE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.

PERMANENT SEEDING

- SEED IS TO BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4" - 1/2".
- LAWN SEEDINGS ARE TO BE A MIXTURE OF BLUEGRASS, TURF-TYPE FESCUES, AND TURF-TYPE PERENNIAL RYEGRASSES TO INSURE LONGEVITY, TOLERANCE, AND DURABILITY. NO SEED SHALL BE ACCEPTED WITH A GERMINATION TEST DATE OF MORE THAN 12 MONTHS OLD UNLESS RETESTED.
- PROFESSIONAL SEED MIXTURES ARE RECOMMENDED RATHER THAN MIXING SEEDS YOURSELF.
- SEED MIXTURE (AS SPECIFIED BELOW) IS TO BE APPLIED AT A MINIMUM RATE OF 200 LBS. PER ACRE OF PERENNIAL SEED.
- OPTIMUM SEEDING PERIOD FOR HUNTERDON COUNTY IS FROM MARCH 1 TO MAY 15 AND AUGUST 15 TO OCTOBER 1. OUTSIDE OF THOSE PERIODS, THE SEEDING RATES ARE TO BE INCREASED BY 50 (i.e.: 300 LBS. PER ACRE OF PERENNIAL SEED INSTEAD OF THE REQUIRED 200 LBS. PER ACRE DURING OPTIMUM PERIODS).
- SEEDINGS SHOULD RECEIVE AN APPLICATION OF FERTILIZER SUCH AS 10-10-10 OR EQUIVALENT AT 400 LBS. PER ACRE APPROXIMATELY 6 MONTHS AFTER FIRST APPLICATION.

SEEDING MIXTURE FOR GENERAL SEEDING

| | |
|----------------------------------|----------------------------------|
| 40% TURF-TYPE TALL FESCUE | 60% KENTUCKY BLUEGRASS |
| 10% CREEPING RED FESCUE OR | 20% TURF-TYPE PERENNIAL RYEGRASS |
| 10% CHEWINGS FESCUE | 20% CHEWINGS FESCUE |
| 10% KENTUCKY BLUEGRASS | |
| 30% TURF-TYPE PERENNIAL RYEGRASS | |

SEEDING MIXTURE FOR HIGH TRAFFIC & CRITICAL AREAS

| |
|----------------------------------|
| 80% TURF-TYPE TALL FESCUE |
| 10% KENTUCKY BLUEGRASS |
| 10% TURF-TYPE PERENNIAL RYEGRASS |

OTHER SEED MIXTURES, SUCH AS BLENDED VARIETIES OF PERENNIAL TURF-TYPE RYEGRASS, TURF-TYPE TALL FESCUES, OR BLUEGRASSES MAY ALSO BE ACCEPTABLE IF APPROVED BY THE DISTRICT.

AGRONOMIC SPECIFICATIONS FOR LAWNS AND CONSTRUCTION SITES

GENERAL

1. ALL DISTURBED AREAS THAT ARE NOT BEING GRADED, NOT UNDER ACTIVE CONSTRUCTION, OR NOT SCHEDULED TO BE PERMANENTLY SEEDED WITHIN 30 DAYS MUST BE TEMPORARILY STABILIZED AS PER SPECIFICATIONS BELOW.
2. ALL EXPOSED AREAS WHICH ARE TO BE PERMANENTLY VEGETATED, ARE TO BE SEEDED AND MULCHED WITHIN 10 DAYS OF FINAL GRADING.
3. STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE APPLIED TO ALL SEEDINGS AT A RATE OF 1-1/2 TO 2 TONS PER ACRE (APPROX. 100 TO 130 BALES PER ACRE).
4. MULCH ANCHORING IS REQUIRED AFTER MULCHING TO MINIMIZE LOSS BY WIND OR WATER. THIS IS TO BE DONE USING ONE OF THE METHODS (CRIMPING, LIQUID MULCH BINDERS, NETTINGS, ETC.) IN THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY".
5. EXISTING WEEDY AND POORLY-VEGETATED AREAS WITH LESS THAN 80 PERCENT PERENNIAL GRASS COVER MUST RECEIVE PERMANENT STABILIZATION (AS SPECIFIED ON BACK).
6. ALL BAGS NEED TO BE SAVED FOR LIME, FERTILIZER, SEED, AND LIQUID MULCH BINDER (IF MULCH ANCHORING METHOD). SUCH PROOFS NEED TO BE SUBMITTED TO THE DISTRICT INSPECTOR FOR VERIFICATION OF MATERIALS AND QUANTITIES USED FOR ALL SEEDINGS.
7. AN ADDITIONAL FEE OF \$120.00 PER INSPECTION WILL BE ASSESSED TO THOSE SITES WHERE ADDITIONAL INSPECTIONS ARE NECESSITATED AS A RESULT OF NON-COMPLIANCE WITH THE APPROVED PLAN. THIS INCLUDES ADDITIONAL INSPECTIONS PERFORMED AFTER THE FAILURE OF AN INITIAL REPORT OF COMPLIANCE INSPECTION. THE ENTIRE SITE IS INSPECTED AT THE TIME OF A REQUEST FOR REPORT OF COMPLIANCE.

SEED-BED PREPARATION FOR ALL SEEDINGS

SUB-SOIL PREPARATION: IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION, THE SURFACE SHOULD BE SCARIFIED TO A DEPTH OF 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION (e.g. AREAS OF HEAVY CONSTRUCTION TRAFFIC). THIS PRACTICE IS TO BE APPLIED TO ALL COMPACTED AREAS WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

TOPSOILING: AREAS TO BE SEEDED SHOULD HAVE A MINIMUM OF 5" OF FRIABLE, LOAMY, TOPSOIL FREE OF OBJECTIONABLE WEEDS, STONES, DEBRIS, AND CONTAIN NO TOXIC SUBSTANCES.

FINAL GRADING: GRADING IS TO BE SMOOTH OF RUTS AND FREE OF OBJECTIONABLE STONES, DEPRESSIONS, VEHICLE TRACKS, AND ROUGH EDGES. THERE IS TO BE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND DWELLINGS. REFUSE FROM SEEDBED PREPARATION (ROOTS, STICKS, STONES, CONSTRUCTION DEBRIS) MUST BE DISPOSED OF PROPERLY.

LIMING/FERTILIZING: APPLY LIMESTONE AND FERTILIZER TO SOIL TEST RECOMMENDATIONS OR AS FOLLOWS:

- LIME RATE SHALL BE ESTABLISHED VIA SOIL TESTING. LIME MAY BE ANY PRODUCT AS TONS AS THE CCE CALCIUM CARBONATE EQUIVALENCY= 2 TONS PER ACRE. PELLETIZED AND LIQUID PRODUCTS MAY BE PREFERRED BECAUSE OF THEIR LACK OF DUST AND EASE OF HANDLING BUT MUST MEET THE FORE-MENTIONED CRITERIA.
- STARTER FERTILIZER, SPECIFIED AS 10-20-10, IS TO BE APPLIED AT 500 LBS. PER ACRE.
- LIME AND FERTILIZER ARE TO BE WORKED INTO THE SOIL TO A DEPTH OF 4 INCHES.

DUST CONTROL NOTES

THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:

- MULCHES
- VEGETATIVE COVER
- SPRAY-ON ADHESIVES - ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

DUST CONTROL MATERIALS

| MATERIAL | WATER DILUTION | TYPE OF NOZZLE | APPLY GAL/AC |
|---|----------------|---|--------------|
| LATEX EMULSION | 12.5:1 | FINE SPRAY | 235 |
| RESIN IN WATER | 4:1 | FINE SPRAY | 300 |
| POLYACRYLAMIDE (PAM) - SPRAY ON POLYACRYLAMIDE (PAM) - DRY SPRAY | | APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS MAY ALSO BE USED AS AN ADDITIVE TO SEDIMENT BASINS TP FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. | |
| ACIDULATED SOY BEAN SOAP STICK | NONE | COARSE SPRAY | 1200 |

TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 18 INCHES APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULATES OF FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS, OR ACCUMULATION AROUND PLANTS.

STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

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A PROFESSIONAL ASSOCIATION
CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2020

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07/01/2020
DATE
CHRISTOPHER NUSSER
PROFESSIONAL ENGINEER
N.J. P.E. NO. 24GE04902500

PROJECT:
445 JAMES STREET
BLOCK 2307 LOT 5
TOWN OF PHILLIPSBURG
WARREN COUNTY NEW JERSEY

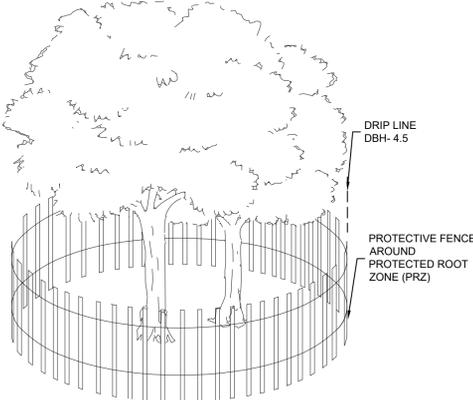
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SESC DETAILS

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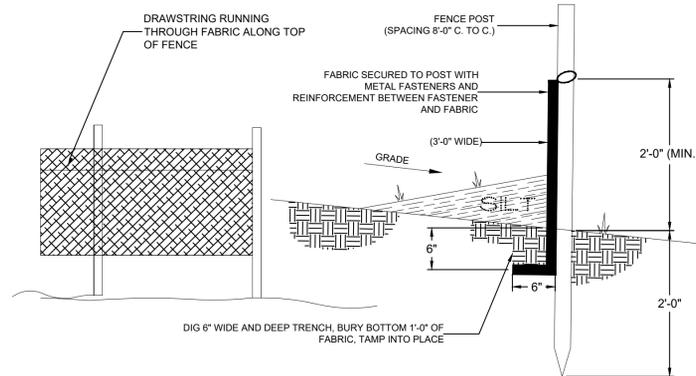
ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR)

1. MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5 FEET ABOVE GROUND ON THE UPHILL SIDE OF TREE IN INCHES)
2. MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.

-DBH X 1.5: CRITICAL ROOT RADIUS FOR OLDER, UNHEALTHY OR SENSITIVE SPECIES.
-DBH X 1.0: CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY OR TOLERANT SPECIES.



1 TREE PROTECTION DETAIL NTS

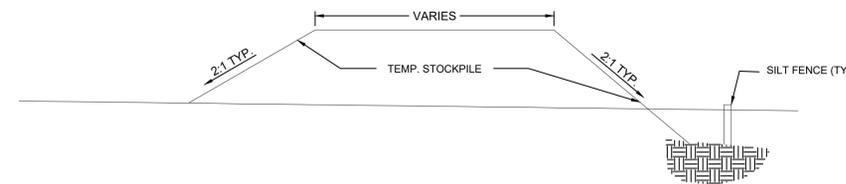


2 SILT FENCE DETAIL NTS

DESIGN CRITERIA

STONE SIZE - USE ASTM C-33, SIZE No. 2 (2 1/2 TO 1 1/2") OR 3 (2 to 1"). USE CLEAN CRUSHED ANGULAR STONE. CRUSHED CONCRETE OF SIMILAR SIZE MAY BE SUBSTITUTED BUT WILL REQUIRE MORE FREQUENT UPGRADING AND MAINTENANCE. THICKNESS NOT LESS THAN SIX (6) INCHES. WIDTH NOT LESS THAN FULL WIDTH OF POINTS OF INGRESS OR EGRESS.

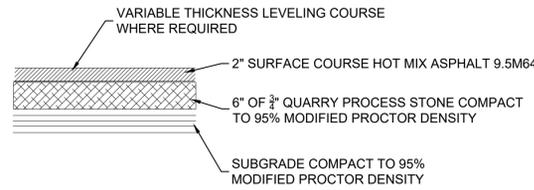
NOTE:
PROVIDE TEMPORARY GRASS COVER AS SPECIFIED IN SCS NOTES.



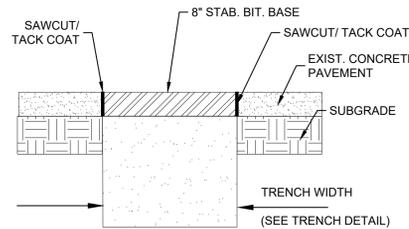
3 TEMPORARY STOCKPILE NTS

GENERAL CONSTRUCTION NOTES

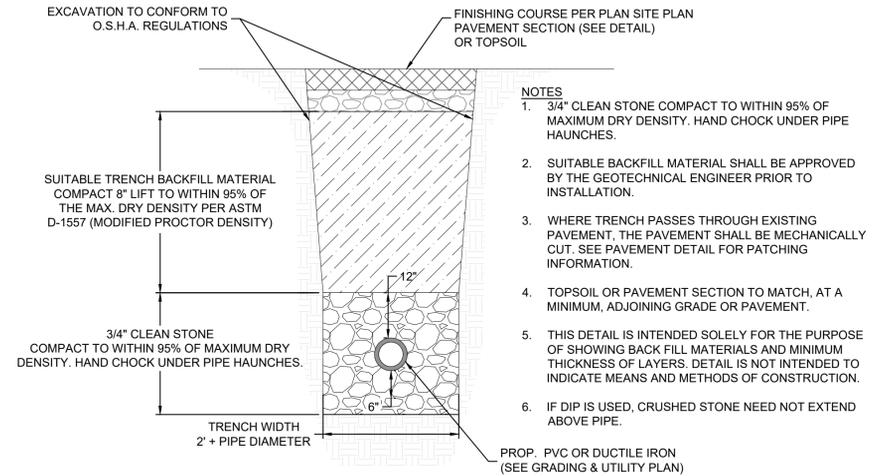
- SEE SHEET 1 FOR GENERAL NOTES.
- THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE "ON THE JOB" SAFETY FOR HIS EMPLOYEES, EMPLOYEES OF THE OWNER AND ALL OTHER PERSONS HAVING AUTHORIZED OR UNAUTHORIZED ACCESS TO THE WORK AND THE PUBLIC. CONTRACTOR SHALL PERFORM HIS WORK IN A SAFE MANNER AND IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- THE LOCATION, TYPE, SIZE, DEPTH, ETC. OF ALL EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND AT HIS OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OPERATING WITHIN THE CONSTRUCTION SITE 3 DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION FOR ACCURATE FIELD LOCATIONS. FOR UTILITY MARKOUT, CALL 1-800-272-1000. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ALL DEVIATIONS OF SITE CONDITIONS AND/OR IF DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE SUCH DEVIATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS, EXERCISING PRECAUTION TO VERIFY ALL DIMENSIONS SHOWN ON DRAWING.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER SHOULD DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE TO CIRCUMSTANCES WHICH ARISE DURING CONSTRUCTION.
- THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED ON THE DRAWINGS AND EACH DRAWING HAS BEEN REVISED TO INDICATE "ISSUED FOR CONSTRUCTION".
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND SHALL PAY ALL FEES INCLUDING INSPECTION FEES, AND IN GENERAL SHALL PROCURE ALL REQUIRED PERMITS, LICENSES AND INSPECTIONS, PAY ALL CHARGES AND FEES AND GIVE NOTICES FOR AND INCIDENTAL TO THE DUES.
- ITEMS NOT SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR THE SAME AS IF SPECIFIED.
- THE CONTRACTOR SHALL MAINTAIN ON SITE SANITARY UNITS FOR PUBLIC HEALTH PURPOSES.
- THE CONTRACTOR SHALL MAINTAIN TRIMMED GRASSED AREAS (WEEKLY BASIS) AND CLEAR SITE OF LITTER (DAILY BASIS)
- THE CONTRACTOR SHALL SWEEP ALL SOIL AND SILT OR DEBRIS FROM ROADWAY PERIODICALLY THROUGHOUT THE DAY, AND IF WARRANTED OR DIRECTED SWEEP ROAD WITH MECHANICAL STREET SWEEPER.



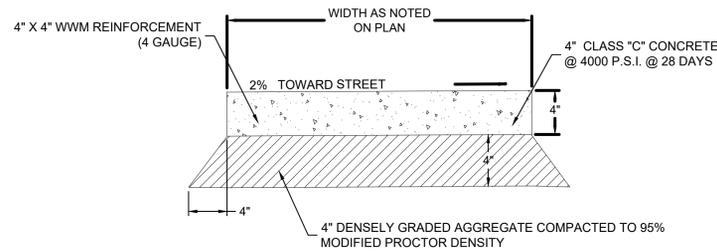
1 DRIVEWAY PAVING NTS



2 PAVEMENT REPAIR NTS

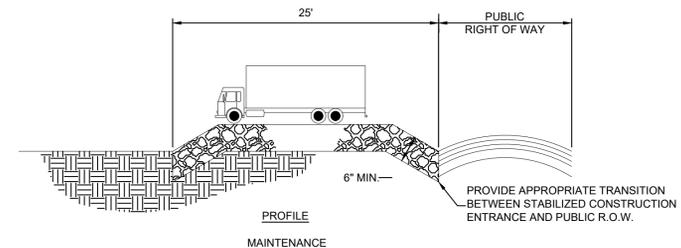
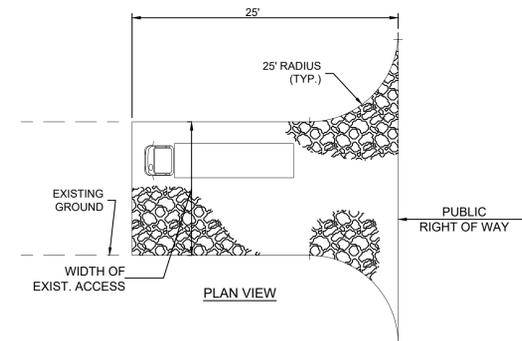


3 UTILITY TRENCH NTS



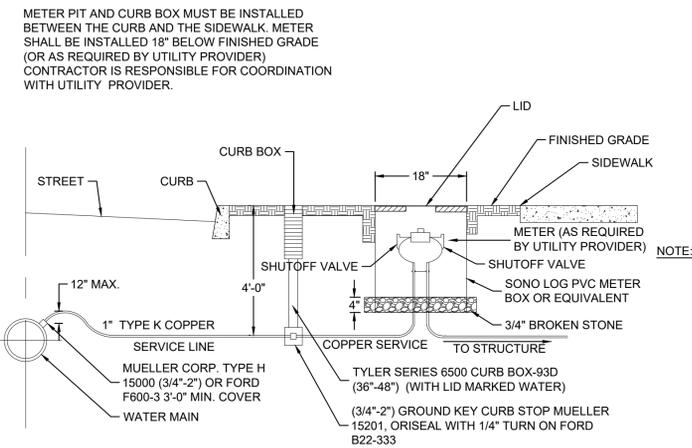
4 CONCRETE WALK NTS

NOTES:
 JOINTS AT FIVE-FOOT INTERVALS SHOULD BE FORMED BY CUTTING A SLOT ONE INCH DEEP BY 1/2 INCH WIDE. A DOUBLE EDGER HELD AGAINST A STRAIGHT EDGE SHOULD BE USED TO MAKE A STRAIGHT JOINT. EXPANSION JOINTS OF ONE-HALF-INCH THICK PREMOLDED MATERIAL AND AS WIDE AS THE DEPTH OF THE WALK SHOULD BE PLACED WHEREVER THE WALK MEETS ANOTHER WALK, DRIVEWAY, BUILDING, CURB, LIGHTING STANDARD, FIRE HYDRANT OR OTHER RIGID OBJECT.
 **ALL SIDEWALK CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH TOWN STANDARD.

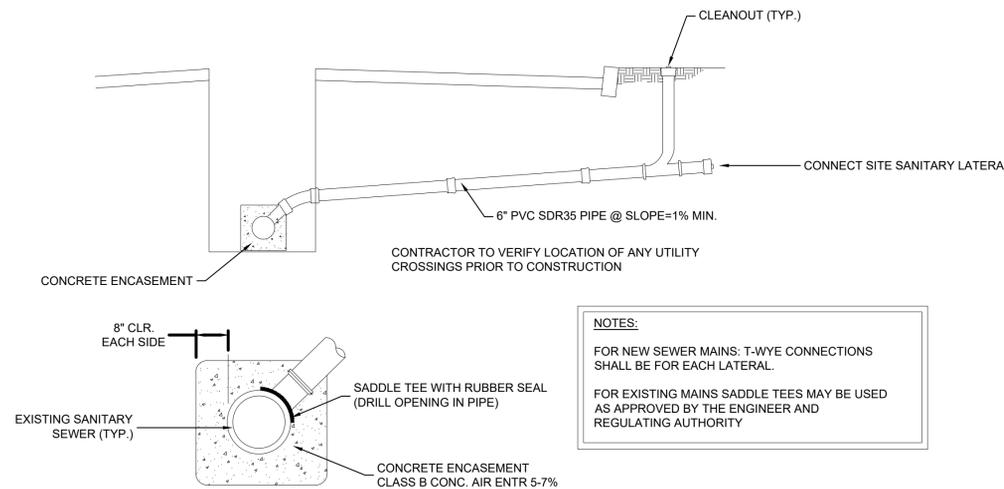


NOTES:
 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO ROADWAYS (PUBLIC OR PRIVATE) OR OTHER IMPERVIOUS SURFACES MUST BE REMOVED IMMEDIATELY.
 WHERE ACCUMULATION OF DUST/SEDIMENT IS INADEQUATELY CLEANED OR REMOVED BY CONVENTIONAL METHODS, A POWER BROOM OR STREET SWEEPER WILL BE REQUIRED TO CLEAN PAVED OR IMPERVIOUS SURFACES. ALL OTHER ACCESS POINTS WHICH ARE NOT STABILIZED SHALL BE BLOCKED OFF.

7 STABILIZED CONSTRUCTION ACCESS NTS



5 WATER SERVICE CONNECTION NTS



6 SANITARY SEWER SERVICE CONNECTION NTS

NOTES:
 FOR NEW SEWER MAINS, T-WYE CONNECTIONS SHALL BE FOR EACH LATERAL.
 FOR EXISTING MAINS SADDLE TEES MAY BE USED AS APPROVED BY THE ENGINEER AND REGULATING AUTHORITY

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07/01/2020
 DATE
 CHRISTOPHER NUSSER
 PROFESSIONAL ENGINEER
 N.J. P.E. NO. 24GE04902500

PROJECT:
 445 JAMES STREET
 BLOCK 2307 LOT 5
 TOWN OF PHILLIPSBURG

WARREN COUNTY NEW JERSEY

TITLE:
CONSTRUCTION DETAILS

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| SCALE: | AS SHOWN | | |
| DESIGNED: | AAP | | |
| CHECKED: | CRN | | |
| FILENAME: | DETAILS.DWG | | |
| DATE: | 07/01/2020 | | |