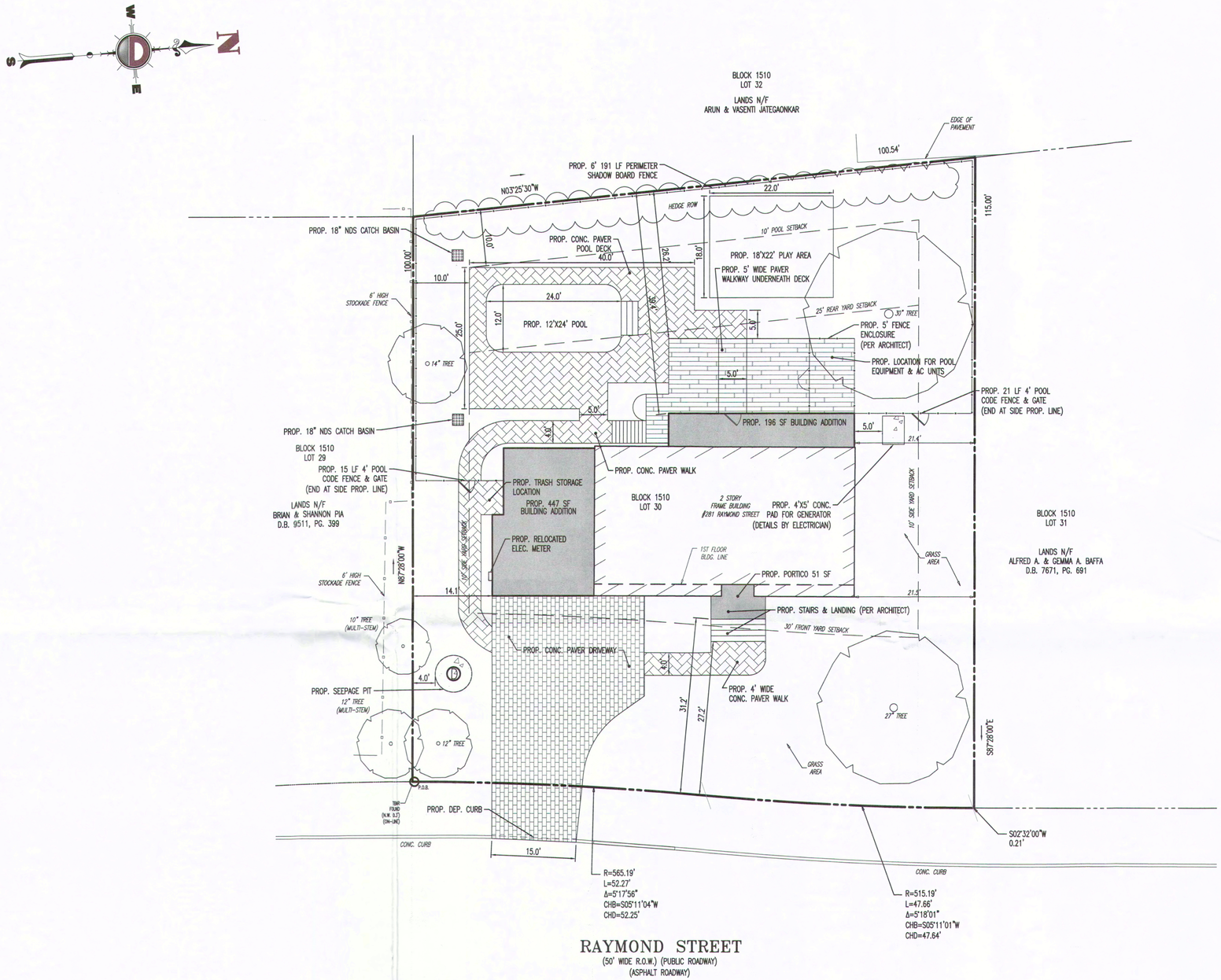

GENERAL NOTES

1. THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:

   BOUNDARY AND LOCATION SURVEY
   BLUE MARSH ASSOCIATES, INC.
   1341 ROUTE 37 EAST, SUITE B
   TOMS RIVER, NJ 08753
   SURVEYOR FILE NO: 13-8273-281

2. APPLICANT: JOHN KELLENBERGER
   281 RAYMOND STREET
   HILLSDALE, NJ 07642

3. OWNER: JOHN KELLENBERGER
   281 RAYMOND STREET
   HILLSDALE, NJ 07642

4. PARCEL DATA: BLOCK 1510, LOT 30
   BOROUGH OF HILLSDALE
   BERGEN COUNTY, NJ

5. ZONE: ZONE R-3 (RESIDENTIAL ZONE)

6. EXISTING USE: ONE FAMILY DWELLING **(PERMITTED USE)**

7. PROPOSED USE: ONE FAMILY DWELLING **(PERMITTED USE)**

8. SCHEDULE OF ZONING REQUIREMENTS (§ SECTION 310)

ZONE REQUIREMENT	ZONE R-3	EXISTING	PROPOSED
MINIMUM LOT AREA	10,000 SF	10,744 SF	10,744 SF
MINIMUM LOT WIDTH	100 FT	100 FT	100 FT
MINIMUM LOT FRONTAGE	100 FT	100 FT	100 FT
MINIMUM LOT DEPTH	100 FT	107.5 FT	107.5 FT
MINIMUM FRONT YARD SETBACK	30 FT	33.9 FT	31.2 FT
MINIMUM REAR YARD SETBACK (DECK)	25 FT	43.8 FT	26.2 FT
MINIMUM REAR YARD SETBACK (TO HOUSE)	25 FT	43.8 FT	39.4 FT
MINIMUM SIDE YARD SETBACK	10 FT	21.4 FT	14.1 FT
MINIMUM COMBINED SIDE YARD SETBACK (PRINCIPAL BUILDING)	30% LOT WIDTH = 30 FT	53.6 FT	35.6 FT
MINIMUM REAR YARD SETBACK (POOL)	10 FT	N/A	10.0 FT
MINIMUM SIDE YARD SETBACK (POOL)	10 FT	N/A	10.0 FT
MAXIMUM BUILDING HEIGHT	35 FT		29 FT
MAXIMUM BUILDING COVERAGE	25%	11.2% (1,205 SF)	17.7% (1,894 SF)
MAXIMUM FLOOR AREA RATIO (SEE NOTE 1)	0.3	0.22	0.33 **(V)**
MAXIMUM IMPERVIOUS COVERAGE (SEE NOTE 2)	30%	18.5% (1,991 SF)	32.1 % **(V)**
MIN. GROUND FLOOR AREA	500 SF	1,122 SF	1,680 SF

N/S: NO STANDARD N/A: NOT APPLICABLE (E): EXISTING NON-CONFORMANCE (V): VARIANCE

NOTES:

1 = FAR CALCULATION INCLUDES: 1,680 SF GROUND FLOOR, 1,843 SF 1ST FLOOR AND 51 SF PORTICO.

2 = SEE TABLE "IMPERVIOUS COVERAGE"

3 = PER SECTION 310-55H (5), THE AREA OF PATIOS, UNROOFED DECKS AND PORCHES NOT TO EXCEED 20% OF THE GROSS PRINCIPAL DWELLING AREA FOOTPRINT. PROPOSED PATIO (719 SF) AND DECK (396 SF) IS 59% OF THE FOOTPRINT (1,894 SF). **(V)**

9. FINAL GRADING + DRAINAGE DESIGN TO BE COORDINATED BY GENERAL CONTRACTOR AND POOL CONTRACTOR.

IMPERVIOUS COVERAGE

TOTAL LOT AREA	10,744 SF
FIRST FLOOR (W/PORTICO)	1,894 SF
GRAVEL AREA UNDER DECK (50%)	324 x 0.50 = 162 SF
POOL AREA	298 SF
POOL CONC. PAVER DECK (50%)	719 x 0.50 = 360 SF
FRONT PAVER WALK (50%)	104 x 0.50 = 52 SF
FRONT STEPS	39 SF
PROPOSED DRIVEWAY (50%)	788 x 0.50 = 394 SF
PROPOSED PAVER WALK TO REAR (50%)	266 x 0.50 = 133 SF
POOL EQUIPMENT	49 SF
AC EQUIPMENT	49 SF
PROPOSED LOCATION FOR GENERATOR	20 SF
TOTAL IMPERVIOUS	3,450 SF

11. REFER TO KELLENBERGER/CAREY RESIDENCE PLANS BY JOSEPH J. BRUNO, DATED 01/14/20 AND LAST REVISED 05/30/20 FOR HOME AND DECK FINAL LAYOUT AND DETAILS.

12. FINAL GRADING AND DRAINAGE DESIGN TO BE COORDINATED BY GENERAL CONTRACTOR AND POOL CONTRACTOR.

GRAPHIC SCALE

-10 0 5 10 20 40

(IN FEET)
1 INCH = 10 FT.

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Rev.	Date	Comments	By
1	06/27/20	REV. PER CLIENT COMMENTS	JMY

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1904 Main Street
Lake Como, NJ 07719
T: 732.974.0198
F: 732.974.3521
www.dynamicec.com

TITLE: PLOT PLAN

PROJECT: **JOHN KELLENBERGER**
PROPOSED SITE IMPROVEMENTS
BLOCK 1510, LOT 30
281 RAYMOND STREET
BOROUGH OF HILLSDALE, BERGEN COUNTY, NEW JERSEY

JOHN A. PALUS
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 41975

MARK A. WHITAKER
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 41417

JOB No: 3379-99-001	DATE: 05/11/2020
DRAWN BY: CAM	SCALE: (H) 1"=10' (V)
DESIGNED BY: MAW	SHEET No:
CHECKED BY: MAW	1 OF 3
CHECKED BY: –	Rev. # 1

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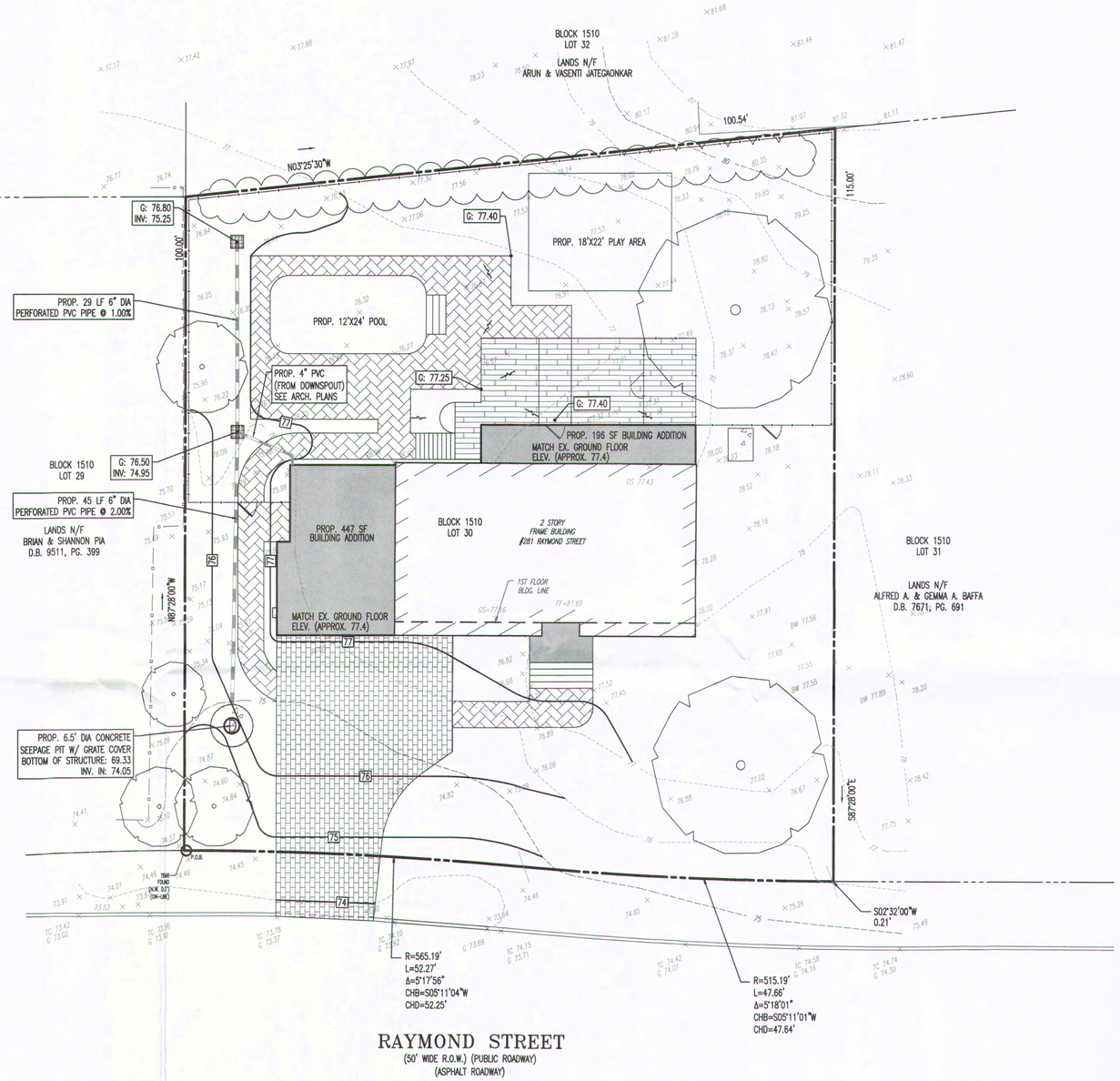

UTILITY NOTES

1. LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UTILITY "ONE-CALL" NUMBER 72 HOURS PRIOR TO ANY EXCAVATION ON THIS SITE. CONTRACTOR SHALL ALSO NOTIFY LOCAL WATER & SEWER DEPARTMENTS TO MARK OUT THEIR UTILITIES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS. WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME. SERVICE SIZES TO BE DETERMINED BY ARCHITECT.
4. WATER SERVICE MATERIALS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTORS PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.
5. ALL WATER MAIN SHALL BE CEMENT-LINED, CLASS 52 DUCTILE IRON PIPE, UNLESS OTHERWISE DESIGNATED.
6. THE MINIMUM DIAMETER FOR DOMESTIC WATER SERVICES SHALL BE 1 INCH.
7. SEWER MAINS SHALL BE SEPARATED FROM WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET HORIZONTALLY. WHERE THIS IS NOT POSSIBLE, THE PIPES SHALL BE IN SEPARATE TRENCHES WITH THE SEWER MAIN AT LEAST 18 INCHES BELOW THE WATER MAIN. ALL SEWER MAINS SHALL BE SDR-35 PVC PIPE UNLESS OTHERWISE DESIGNATED.
8. ALL SEWER PIPE INSTALLED WITH LESS THAN 3 FEET OF COVER, GREATER THAN 20 FEET OF COVER OR WITHIN 18 INCHES OF A WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE. ALL DUCTILE IRON SEWER PIPE SHALL BE CEMENT-LINED, CLASS 52 PIPE, FURNISHED WITH SEWER COAT, OR APPROVED EQUAL.
9. WHERE SANITARY SEWER LATERALS ARE GREATER THAN 10' DEEP AT CONNECTION TO THE SEWER MAIN, CONCRETE DEEP LATERAL CONNECTIONS ARE TO BE UTILIZED.
10. LOCATION & LAYOUT OF GAS, ELECTRIC & TELECOMMUNICATION UTILITY LINES AND SERVICES SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. ACTUAL LOCATION & LAYOUT OF THESE UTILITIES & SERVICES ARE TO BE PER THE APPROPRIATE UTILITY PROVIDER.
11. ROOF LEADER COLLECTION PIPING ARE CONCEPTUAL IN NATURE AND ARE NOT FOR CONSTRUCTION. ACTUAL ROOF LEADER COLLECTION PIPING IS TO BE COORDINATED W/ ARCHITECTURAL PLANS FOR EACH INDIVIDUAL BUILDING. ALL ROOF LEADER COLLECTION PIPING SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE DESIGNATED.
12. ALL SEWER AND WATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATORY AUTHORITY'S RULES AND REGULATIONS.
13. ALL PROPOSED UTILITIES TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
14. MANUFACTURED REINFORCED CONCRETE STORM PIPE TO CONFORM TO ASTM C-76, CLASS III, UNLESS OTHERWISE DESIGNATED. MANUFACTURED REINFORCED CONCRETE ELLIPTICAL STORM PIPE TO CONFORM TO ASTM C-507, CLASS HE-III, UNLESS OTHERWISE DESIGNATED. REINFORCED CONCRETE STORMWATER PIPE TO BE INSTALLED IN ACCORDANCE WITH AMERICAN CONCRETE PIPE ASSOCIATION INSTALLATION GUIDELINES AND MORTAR OR PREFORMED FLEXIBLE JOINT SEALANTS IN ACCORDANCE WITH ASTM C 990 TO BE UTILIZED TO PROVIDE A SILT-TIGHT JOINT. WHERE SPECIFICALLY INDICATED, REINFORCED CONCRETE STORM PIPE JOINTS SHALL BE WATERTIGHT AND CONFORM TO ASTM C-443.
15. HDPE DRAINAGE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F2306. SOLID PIPE SHALL HAVE GASKETED WATER-TIGHT JOINTS MEETING THE REQUIREMENTS OF ASTM F2306 AND ASTM D3212. PERFORATED PIPE SHALL HAVE GASKETED SILT-TIGHT JOINTS MEETING THE REQUIREMENTS OF ASTM F2306 AND ASTM F477. HDPE PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HDPE PIPE AND INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURE RECOMMENDATIONS.
16. HP DRAINAGE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F2736 (12"-30" PIPE) AND ASTM F2881 (36"-60" PIPE). PIPE SHALL HAVE GASKETED WATER-TIGHT JOINTS MEETING THE REQUIREMENTS OF ASTM D3212 AND ASTM F477. FIELD WATERTIGHTNESS PERFORMANCE VERIFICATION MAY BE ACCOMPLISHED IN ACCORDANCE WITH ASTM F2487. HP PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HP STORM PIPE AND INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURER RECOMMENDATIONS.
17. PIPE LENGTHS ON THIS PLAN HAVE BEEN MEASURED AS THE DISTANCE BETWEEN THE CENTER POINT OF THE 2 CONNECTED STRUCTURES. ACTUAL PHYSICAL PIPE LENGTH FOR INSTALLATION IS EXPECTED TO BE LESS AND SHOULD BE ACCOUNTED FOR BY THE CONTRACTOR ACCORDINGLY.

GRADING NOTES

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER A.S.T.M. D1557, D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER, REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MIN. SLOPE AGAINST ALL ISLAND GUTTERS, CURBS AND 1.0% ON ALL CONCRETE SURFACES, AND 1-1/2% MIN. ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY EFFECT THE PUBLIC SAFETY OR PROJECT COST, MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITH DESIGN DISCREPANCIES IS DONE SO AT THE CONTRACTOR'S OWN RISK.
3. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MIN. OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION.
4. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).
5. REFER TO SITE PLAN FOR ADDITIONAL NOTES.
6. IN CASE OF DISCREPANCIES BETWEEN PLANS, THE SITE PLAN WILL SUPERCEDE IN ALL CASES. CONTRACTOR MUST NOTIFY ENGINEER OF RECORD OF ANY CONFLICT IMMEDIATELY.
7. MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.
8. CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS IN ADA PARKING SPACES AND ADA ACCESS AISLES. CONTRACTOR TO ENSURE A MAXIMUM OF 5% RUNNING SLOPE AND 2% CROSS SLOPE ALONG ALL OTHER PORTIONS OF ACCESSIBLE ROUTE, WITH THE EXCEPTION OF RAMPS AND CURB RAMPS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING CONSTRUCTION IN ADA AREAS WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
9. THE OWNER SHALL RETAIN DYNAMIC EARTH, LLC (908-879-7095) OR ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PERMEABILITY AND PROVIDE CONSTRUCTION PHASE INSPECTIONS OF THE BASIN BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE RESULTS TO DESIGN CRITERIA.
10. CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPACT SOIL OR ROCK AS NEEDED TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE AN IN PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN CRITERIA.
11. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONTRACTOR'S PROPOSED MEANS AND MATERIALS AND TO SCHEDULE INSPECTIONS FOR BOTTOM OF BASIN, REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FINAL BASIN PERMEABILITY TESTING.
12. THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DEFINED OTHERWISE ELSEWHERE IN THE CONTRACT DOCUMENTS.

GRAPHIC SCALE

-10 0 5 10 20 40

(IN FEET)
1 INCH = 10 FT.

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TITLE:

GRADING & UTILITY PLAN

PROJECT: **JOHN KELLENBERGER**
PROPOSED SITE IMPROVEMENTS
BLOCK 1510, LOT 30
281 RAYMOND STREET
BOROUGH OF HILLSDALE, BERGEN COUNTY, NEW JERSEY

JOB No:	3379-99-001
DATE:	05/11/2020
DRAWN BY:	CAM
SCALE:	(H) 1"=10' (V)
DESIGNED BY:	MAW
CHECKED BY:	MAW
CHECKED BY:	–
SHEET No:	2 OF 3
Rev. #	1

JOHN A. PALUS
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 41975

MARK A. WHITAKER
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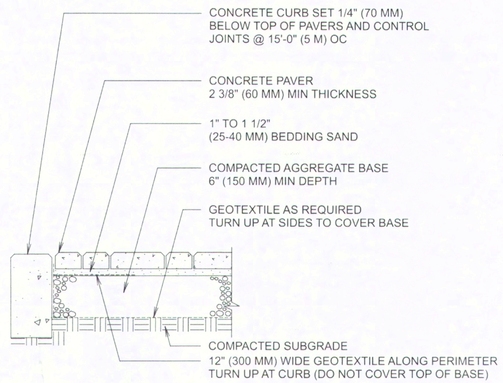
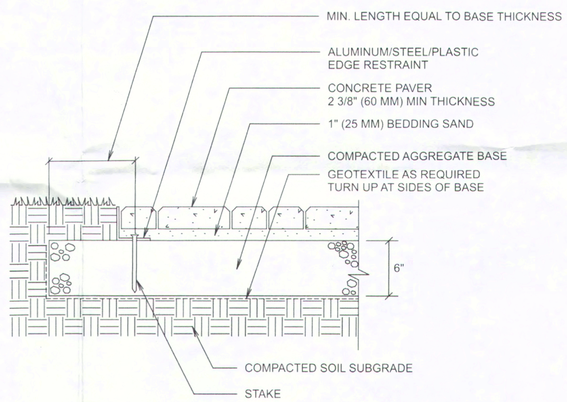


NOTES:
1. THICKNESS OF AGGREGATE BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.
2. CONCRETE PAVERS SHOULD BE PLACED ON A CEMENT TREATED BASE IF SOIL IS EXTREMELY WEAK OR CONSTANTLY SATURATED. PAVERS CAN BE OVERLAID OR INLAID ON EXISTING ASPHALT OR CONCRETE DRIVEWAYS.
3. CONSULT ICPI TECH SPEC 2 FOR GUIDELINES ON SPECIFICATIONS FOR BASE MATERIALS, SUBGRADE SOIL AND BASE COMPACTION.
4. PLASTIC, STEEL, ALUMINUM OR PRECAST CONCRETE, EDGING MAY BE USED.

BELGARD DRIVEWAY WITH CONCRETE EDGES

DRAWING NO: ICPI-09
SCALE: F.S.



NOTE:
THICKNESS OF AGGREGATE BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.

BELGARD PATIO/WALK W/ ALUMINUM / STEEL / PLASTIC EDGE

DRAWING NO: ICPI-53
SCALE: F.S.

Volume of Stormwater

Existing Impervious =	1991 SF
Proposed Impervious =	3450 SF
Increase =	1459 SF
Rainfall =	2 IN
	0.17 FT
Volume =	243 CF

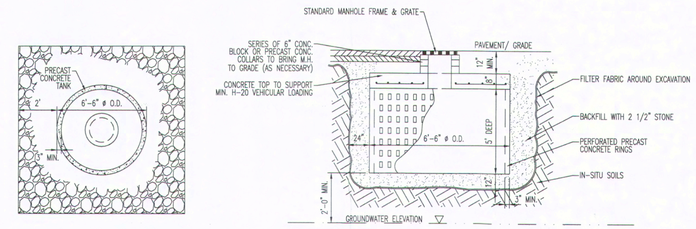
Proposed Seepage Pit

Seepage Pit Structure

Internal Diameter =	6 FT
Depth =	5.00 FT
Volume =	141 CF

Surrounding Stone

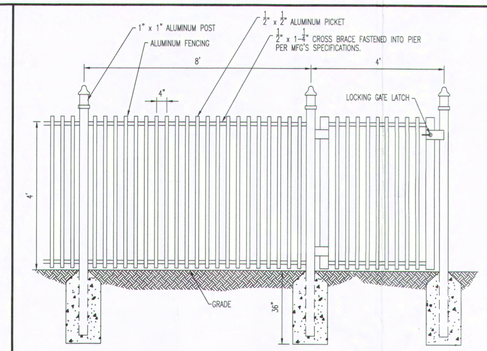
Area (10.5 FT x 10.5 FT) =	110.25 SF
Depth =	5.00 FT
Porosity =	0.4
Volume =	164 CF
Total Volume =	305 CF



NOTES:
1. SEEPAGE PIT EXCAVATION TO BE LINED WITH FILTER FABRIC TYPAR MANUFACTURED BY DuPONT OR APPROVED EQUAL
2. PRECAST CONCRETE SEEPAGE TANK TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
3. CONTRACTOR TO NOTIFY THE TOWN DEPARTMENT OF ENGINEERING FOR INSPECTION PRIOR TO STONE PLACEMENT ON FABRIC AND BACKFILLING PIPE CONNECTIONS
4. ANTI-SEEP COLLARS TO BE INSTALLED ON ALL INCOMING AND DISCHARGE PIPING AS REQUIRED TO ENSURE PROPER AND ISOLATED OPERATION OF SEEPAGE PIT.
5. BASE OF SEEPAGE PIT TO BE SET A MINIMUM OF TWO (2) FEET ABOVE ESTABLISHED S.H.W.T. AT PROPOSED LOCATION.

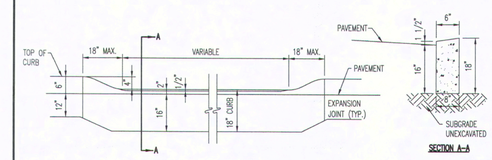
SEEPAGE PIT DETAIL

NOT TO SCALE



ALUMINUM PICKET FENCE DETAIL

NOT TO SCALE

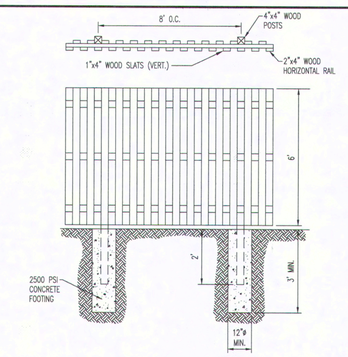


SECTION A-A

NOTES:
1. ANY EXCAVATION BELOW DESIRED GRADE DUE TO OVER EXCAVATION OR WET SOIL CONDITIONS SHALL BE BACKFILLED WITH 3/4" CLEAN CRUSHED STONE. ALL SUBGRADES SHALL BE APPROVED BY THE TOWNSHIP ENGINEER PRIOR TO POURING.
2. EXPANSION JOINTS SHALL BE PROVIDED AT EQUAL DISTANCES OF NOT MORE THAN 20' AND AT ALL STORM SEWER INLETS. JOINTS SHALL BE FILLED WITH PREFORMED EXPANSION JOINT FILLER, 1/2" THICK, CONFORMING TO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE JOINT SHALL BE RECESSED 1/4" FROM THE TOP AND FRONT OF THE CONCRETE CURB.
3. TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED, BITUMINOUS-IMPREGNATED FIBER JOINT FILLER, COMPLYING WITH THE REQUIREMENTS OF AASHTO M-213, RECESSED 1/4" FROM THE FRONT FACE AND TOP OF THE CURB.
4. DUMMY JOINTS (FORMED) SHALL BE INSTALLED MIDWAY BETWEEN EXPANSION JOINTS.
5. WIDTH OF JOINT FILLER STRIP EQUAL TO THE THICKNESS OF THE PAVEMENT LESS 1/2".
6. 1/2" PREFORMED EXPANSION JOINT FILLER, BITUMINOUS TYPE, CONFORMING TO AASHTO SPEC'S M-33. TO BE INSTALLED BETWEEN CURB AND NON-BITUMINOUS PAVEMENT OR BASE COURSE.

DEPRESSED CURB AT DRIVEWAY DETAIL

NOT TO SCALE



NOTE: POSTS AND SLATS TO BE PRESSURE TREATED LUMBER

BOARD-ON-BOARD FENCE DETAIL

NOT TO SCALE

NOTE: CONCRETE PAVERS FOR DECK PER POOL CONTRACTOR

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TITLE: CONSTRUCTION DETAILS

PROJECT: JOHN KELLENBERGER
PROPOSED SITE IMPROVEMENTS
BLOCK 1510, LOT 30
281 RAYMOND STREET
BOROUGH OF HILLSDALE, BERGEN COUNTY, NEW JERSEY

JOB No: 3379-99-001	DATE: 05/11/2020
DRAWN BY: CAM	SCALE: (H) NOT TO (V) SCALE
DESIGNED BY: MAW	SHEET No: 3 OF 3
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