SURVEYOR FILE NO: 3709-99-004S DATED: 09/27/2022

IV2 ROCKLAND LOCISTICS, LLC BROOKFIELD PLACE, 250 VESSY STREET, 15TH FLOOR NEW YORK, NY 10281 APPLICANT: NEWCO SUFFERN HOLDINGS. I

500 FRANK W BURR BOULÉVARD, #47 TEANECK, NJ 07666 SECTION 55.22, BLOCK 1, LOT 1 VILLAGE OF SUFFERN PARCEL DATA:

ZONE PLI (PLANNED LIGHT INDUSTRIAL ZONE) — VILLAGE OF SUFFERN ZONE PI—C (PLANNED INDUSTRY—CAMPUS DISTRICT) — VILLAGE OF MONTEBELLO ZONE:

6. EXISTING USE: NOVARTIS PHARMACEUTICAL CORPORATION/SUFFERN INDUSTRIAL PARK (PERMITTED USE) (§ 266-ATTACHMENT 4) - VILLAGE OF SUFFERN

7. PROPOSED USE: WHOLESALE/WAREHOUSING DISTRIBUTION (PERMITTED USE) (§ 266-ATTACHMENT 4)

8. SCHOOL DISTRICT: SUFFERN CENTRAL SCHOOL DISTRICT

9. WATER SUPPLY: VILLAGE OF SUFFERN WATER DEPARTMENT 10. SCHEDULE OF ZONING REQUIREMENTS (§ 266-ATTACHMENT 6)

| VILLAGE OF SUFFERN | | | | | | | |
|--------------------------------------|-------------------------------|--|---|--|--|--|--|
| ZONE REQUIREMENT | ZONE PLI | EXISTING (SECTION 55.22, BLOCK 1, LOT 1) | PROPOSED (SECTION 55.22, BLOCK 1, LOT 1) 5,441,754 SF (124.93 Ac) | | | | |
| MINIMUM LOT AREA | 40,000 SF | 5,441,754 SF (124.93 Ac) | | | | | |
| MINIMUM LOT WIDTH | 100 FT | 2,216 FT | 2,216 FT | | | | |
| MINIMUM FRONT YARD SETBACK | 57.7 FT [1] | N/A | N/A | | | | |
| MINIMUM REAR YARD SETBACK | 40 FT | 735.8 FT | 218.2 FT | | | | |
| MINIMUM SIDE YARD SETBACK (EACH) | 40 FT | 101.5 FT | 192.4 FT | | | | |
| MINIMUM SIDE YARD SETBACK (COMBINED) | 80 FT | 339.3 FT | 274.1 FT | | | | |
| MAXIMUM BUILDING HEIGHT | 3 STORIES/40 FT [1] | > 40 FT (E) | 46.16 FT [1] | | | | |
| MAXIMUM DEVELOPMENT COVERAGE | 80% | 16.7% (910,634 SF) | 54.5% (2,299,677 SF) * | | | | |
| N/S: NO STANDARD N/A: NOT APPLICABLE | (E): EXISTING NON-CONFORMANCE | (V): VARIANCE *: REFER TO DEVELOPME | ENT COVERAGE SUMMARY CHART | | | | |

[1] ON CONTIGUOUS PARCELS OF LAND UNDER SINGLE OWNERSHIP CONSISTING OF AT LEAST 100 ACRES DESIGNATED FOR DEVELOPMENT AS A UNIT AS A PART OF AN APPLICATION FOR DEVELOPMENT APPROVAL, THE MAXIMUM HEIGHT OF ANY BUILDING SHALL BE 110 FEET, EXCLUSIVE OF PERMITTED HEIGHT EXCEPTIONS AS SET FORTH IN \$ 266-15J HEREIN. IN THE EVENT THAT AN APPLICATION SHALL PROPOSE A PLAN OF DEVELOPMENT SEEKING APPROVAL OF A BUILDING IN EXCESS OF 40 FEET, THE REQUIRED BUILDING SETBACKS AS SET FORTH IN \$ 266-23 SHALL BE SUBJECT TO THE FOLLOWING REQUIREMENTS: (\$ 266-21.1.A) IF THE BUILDING HEIGHT OF THE PROPOSED BUILDING SHALL BE GREATER THAN 40 FEET, THE REQUIRED BUILDING SETBACK SHALL BE EQUAL TO 125% OF THE HEIGHT OF THE BUILDING TO A BUILDING HEIGHT OF 65 FEFT •IF THE BUILDING HEIGHT OF THE PROPOSED BUILDING SHALL BE GREATER THAN 65 FEET, THE REQUIRED BUILDING SETBACK SHALL BE EQUAL TO 150% OF THE HEIGHT OF THE BUILDING TO A BUILDING HEIGHT OF 90 FEET. •IF THE BUILDING HEIGHT OF THE PROPOSED BUILDING SHALL BE GREATER THAN 90 FEET, THE REQUIRED BUILDING SETBACK SHALL BE EQUAL TO 200% OF THE HEIGHT OF THE BUILDING TO A BUILDING HEIGHT OF 110 FEET.

| VILLAGE OF MONTEBELLO | | | | | | | |
|---|------------------------------------|--|--|--|--|--|--|
| ZONE REQUIREMENT | ZONE PI-C VILLAGE OF MONTEBELLO | EXISTING (SECTION 55.06, BLOCK 1, LOT 1) | PROPOSED (SECTION 55.06, BLOCK 1, LOT 1) | | | | |
| MINIMUM LOT AREA | 60,000 SF | 1,591,570.15 SF (36.54 Ac) | 1,591,570.15 SF (36.54 Ac) | | | | |
| MINIMUM LOT WIDTH | 150 FT | 1,631.5 FT | 1,631.5 FT | | | | |
| MINIMUM FRONT SETBACK | 75 FT | N/A | N/A | | | | |
| MINIMUM FRONT YARD | 50 FT | N/A | N/A | | | | |
| MINIMUM REAR SETBACK | 50 FT | N/A | N/A | | | | |
| MINIMUM REAR YARD | 50 FT | N/A | N/A | | | | |
| MINIMUM SIDE SETBACK (EACH) | 50 FT | N/A | N/A | | | | |
| MINIMUM TOTAL SIDE SETBACK | 100 FT | N/A | N/A | | | | |
| MINIMUM SIDE YARD | 20 FT | N/A | N/A | | | | |
| MINIMUM STREET FRONTAGE | 100 FT | 1,670.49 FT (HEMION ROAD) | 1,670.49 FT (HEMION ROAD) | | | | |
| MAXIMUM BUILDING HEIGHT | 45 FT [1] | N/A | N/A | | | | |
| MAXIMUM DEVELOPMENT COVERAGE | 60% | 2.9% (46,612.86 SF) | 2.9% (46,612.86 SF) | | | | |
| MAXIMUM FLOOR AREA RATIO | 0.30 | N/A | N/A | | | | |
| N/S: NO STANDARD N/A: NOT APPLICABLE (E): EXISTING NON-CONFORMANCE (V): VARIANCE | | | | | | | |
| [1] THE PLANNING BOARD, AT ITS DISCRETION, MAY MODIFY THE PERMITTED HEIGHT LIMITATIONS TO ALLOW A MAXIMUM BUILDING HEIGHT OF 60 FEET BASED. | | | | | | | |

ON CONSIDERATION OF THE FOLLOWING: VISIBILITY OF ANY BUILDING ALONG THE ENTIRE LENGTH OF HEMION ROAD; THE RELATIONSHIP OF THE PROPOSED BUILDING HEIGHT TO THE TREE LINE ON TOP OF THE RIDGE CONTAINED WITHIN THIS DISTRICT; USE OF THE SLOPING CHARACTER OF THE SITE TO MINIMIZE THE APPEARANCE OF BUILDINGS AND THEIR MASSING (I.E., TERRAIN ADAPTIVE DESIGN); AND THE EFFECT OF ANY ADDITIONAL FLOOR AREA ON TRAFFIC, PARKING AND INFRASTRUCTURE, THE FOREGOING PROVISION SHALL NOT APPLY TO BUILDINGS INTENDED FOR MANUFACTURING USES. (\$ 195-27)

GENERAL REQUIREMENTS A. NOT MORE THAN 50% OF ANY LAND WITHIN EASEMENTS OR RIGHTS-OF-WAY FOR OVERHEAD UTILITIES OR WITHIN A DESIGNATED STREET LINE SHALL BE COUNTED AS PART OF ANY MINIMUM LOT AREA REQUIREMENT. NO BUILDINGS, STRUCTURE, YARD OR LAND PROPOSED FOR PROLONGED HABITUAL HUMAN OCCUPANCY SHALL BE LOCATED WITHIN THE EASEMENT; HOWEVER, A ROAD MAY TRAVERSE THE EASEMENT. (§ 266-15.N(1)) (COMPLIES) OCCUPANCY SHALL BE LOCATED WITHIN THE EASEMENT; HOWEVER, A ROAD MAY TRAVERSE THE EASEMENT. (§ 256-15.N(1)) (COMPLES)

B. NOT MORE THAN 50% OF THE AREA OF THAT PORTION OF A LOT THAT IS PROPOSED TO BE DISTURBED MAY BE COUNTED AS PART OF ANY LOT AREA IF SUBJECT TO THE FOLLOWING: PONDS; FRESHWATER WETLANDS REGULATED BY THE ARMY CORPS OF ENGINEERS; STREAMS UNDER THE JURISDICTION OF THE ROCKLAND COUNTY DRAINAGE AGENCY; AREAS WITHIN THE FEDERAL EMERGENCY MANAGEMENT AGENCY DESIGNATED ONE—HUNDRED—YEAR FLOODPLAIN; THAT PORTION OF ANY FRESHWATER WETLAND AND ANY ONE—HUNDRED—FOOT CONTROL AREA DESIGNATED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION. NO BUILDINGS OR STRUCTURES MAY BE LOCATED IN SUCH AREAS. (§ 266-15.N(2)) (VARIANCE)

C. NOT MORE THAN 50% OF THE LAND AREA OF THAT PORTION OF EACH LOT THAT IS PROPOSED TO BE DISTURBED MAY BE COUNTED AS PART OF ANY LOT APPEA IF SUBJECT TO THE FOLLOWING: (§ 266-15.N(3)(A)) AREA IF SUBJECT TO THE FOLLOWING: (§ 266-15.N(3)(A)) . FOR NONRESIDENTIALLY ZONED PROPERTIES, SLOPÉS OVER 20%. (§ 266-15.N(3)(A)[2])

D. NO CONSTRUCTION SHALL BE PERMITTED ON THAT PORTION OF A LOT WITH A SLOPE IN EXCESS OF THE FOREGOING. (§ 266-15.N(3)(B)) (VARIANCE)
E. NO PORTION OF THE LAND AREA OF THAT PORTION OF A LOT WITH A SLOPE IN EXCESS OF 50% MAY BE COUNTED AS PART OF THE MINIMUM LOT AREA OF A PARCEL. (§ 266-15.N(3)(C)) (COMPLIES) PARKING REQUIREMENTS

A. OFF-STREFT PARKING STALLS SHALL HAVE THE MINIMUM DIMENSIONS OF NINE (9) BY FIGHTERN (18) FEFT. (§ 228-23.B) (COMPLIES) B. POURED—IN-PLACE CONCRETE CURBING SHALL BE PROVIDED TO OUTLINE ALL PARKING AREAS AND TO PREVENT ANY VEHICLE PARKING WITHIN THE FACILITY FROM OVERHANGING A PROPERTY LINE OR PROJECTING OVER ANY SIDEWALK, OTHER WALKWAY OR PUBLIC ROAD. (§ 228-23.C(1)) (COMPLIES)

C. NO VEHICLE SHALL BE FORCED OR ENCOURAGED BY THE NATURE OF THE DESIGN OF THE PARKING AREA TO BACK OUT OF THE PARKING FACILITY ONTO A PUBLIC ROAD. (§ 228-23.C(2)) (COMPLIES) D. IN PARKING ARÈAS DESIGNATED FOR EMPLOYEES, THE PLANNING BOARD MAY PERMIT A REDUCTION IN THE WIDTH OF SUCH SPACES TO 8.5 FEET. (§ E. PARKING END ISLANDS SHALL HAVE A MINIMUM WIDTH OF TEN (10) FEET. (\$ 228-23.G(2)) (REQUIREMENT WAVER SUBJECT TO SITE PLAN REVIEW) F. RFOUIRFD OFF-STREET PARKING SPACES SHALL BE PROVIDED ON THE SAME LOT WITH THE STRUCTURE OR USE THEY SERVE. (§ 266-35.A) (COMPLIES)

G. OFF-STREET PARKING SPACES MAY BE LOCATED WITHIN A BUILDING OR IN A SIDE OR REAR YARD. (§ 266-35.A) (COMPLIES H. DOUBLE-LOADED SPACES OR STACK PARKING SHALL NOT BE PERMITTED AS A MEANS OF SATISFYING THE PARKING REQUIREMENTS. (§ 266-35.A) (N/A) I. NO OFF-STREET PARKING SPACES SHALL BE LOCATED IN A REQUIRED FRONT YARD. (§ 266-35.A) (COMPLIES)

J. WAREHOUSE USES SHALL HAVE 3.3 PARKING SPACES PER 1,000 SF OF SALES AND OFFICE AREA, PLUS 1 SPACE FOR EVERY 3 EMPLOYEES ON THE LARGEST SHIFT, PLUS 1 SPACE FOR EVERY COMMERCIAL VEHICLE KEPT ON THE LOT (§ 266-ATTACHMENT 4) K. PARKING CALCULATION:

BUILDING #1: 963,100 SF (TOTAL) (21,000 SF)*(3.3 SPACES/1,000 SF) (OFFICE) (324 EMPLOYEES)*(1 SPACE/3 EMPLOYEES

BUILDING #3: 88,200 SF (TOTAL)

((942,100)-(1,500 SF / FIRST LOADING SPACE)) * (1 LOADING SPACE / 10,000 SF)) = 178 PARKING SPACES REQUIRED 95 LOADING SPACES REQUIRED BUILDING #2: 170,500 SF (TOTAL)

(3,200 SF)*(3.3 SPACES/1,000 SF) (OFFICE) (56 EMPLOYÈES)*(1 SPACE/3 EMPLOYEES) ((167,300)-(1,500 SF / FIRST LOADING SPACE)) * (1 LOADING SPACE / 10,000 SF) = 30 PARKING SPACES REQUIRE

(3,200 SF)*(3.3 SPACES/1,000 SF) (OFFICE) (34 FMPLOYFFS)*(1 SPACE/FMPLOYFF) ((85,000)-(1,500 SF / FIRST LOADING SPACE)) * (1 LOADING SPACE / 10,000 SF) = 22 PARKING SPACES REQUIRED = 9 LOADING SPACES REQUIRED

> = 121 TOTAL LOADING SPACES REQUIRED = 196 TOTAL LOADING SPACES PROVIDED (COMPLIES) = 660 TOTAL PARKING SPACES PROVIDED (COMPLIES)

A. SEPARATE ACCESS SHOULD BE PROVIDED FOR DELIVERY VEHICLES. CIRCULATION SYSTEMS FOR DELIVERIES SHOULD BE DESIGNED TO AVOID INTERFEI WITH AUTOMOBILE AND PEDESTRIAN MOVEMENTS OR WITH HIGH TURNOVER PARKING. LOADING AREAS SHOULD BE LOCATED PREFERABLY TO THE REAL BUILDINGS, AWAY FROM AREAS OF PEDESTRIAN MOVEMENT AND SCREENED FROM VIEW OF PARKING AREAS, ADJACENT PROPERTIES OR ADJACENT STREETS. (§ LOADING SPACES MAY BE LOCATED WITHIN ANY BUILDING, WITHIN A SIDE OR REAR YARD OR WITHIN A REQUIRED OFF—STREET PARKING AREA, PROVIDED THAT SUCH SPACES DO NOT BLOCK ACCESS TO SUCH PARKING AREA OR ANY PARKING SPACE. (§ 266-35.D) (COMPLIES) C. UNOBSTRUCTED ACCESS, AT LEAST TWELVE (12) FEET WIDE, TO AND FROM A STREET SHALL BE PROVIDED TO OFF-STREET LOADING BERTHS. SUCH ACCESS MAY BE COMBINED WITH ACCESS TO PARKING AREAS. (§ 266-35.D) (COMPLIES) D. NO OFF-STREET LOADING BERTH SHALL BE LOCATED BÊTWEEN THE STREET LINE AND PRINCIPAL BUILDING. (§ 266-35.D) (COMPLIES) E. A LOADING BERTH SHALL NOT BE LOCATED IN ANY REQUIRED YARD AND SHALL BE SCREENED WHERE VISIBLE FROM ANY RESIDENTIAL BOUNDARY. (COMPLIES)

A. FOR PARKING CONFIGURATIONS WITH TWO-WAY FLOW, THE WIDTH OF THE DRIVE AISLES SHALL BE A MINIMUM OF 24 FEET. (§ 228-23.B) (COMPLIES) B. UNOBSTRUCTED ACCESS TO AND FROM A STREET SHALL BE PROVIDED FOR ALL PARKING SPACES. SUCH ACCESS SHALL CONSIST OF AT LEAST ONE TWELVE (12) FOOT-WIDE LANE FOR PARKING AREAS WITH FEWER THAN THIRTY (30) PARKING SPACES AND AT LEAST TWO TEN (10) FOOT-WIDE LANES FOR PARKING AREAS WITH THIRTY (30) PARKING SPACES OR MORE. (§ 228-23.E(1)) (COMPLIES)

C. UNOBSTRUCTED ACCESS TO AND FROM A STREET SHALL BE PROVIDED FOR NONRESIDENTIAL USES. SUCH ACCESS SHALL CONSIST OF AT LEAST ONE TWELVE-FOOT LANE FOR PARKING AREAS WITH 20 OR FEWER SPACES AND AT LEAST TWO TWELVE-FOOT LANES FOR PARKING AREAS WITH OVER 20 SPACES. (§ 268-35 B) (COMPLIES) (\$ 266-35.B) (COMPLIES)

D. NO ENTRANCE OR EXIT FOR ANY ACCESSORY OFF-STREET PARKING AREA WITH MORE THAN FOUR PARKING SPACES OR FOR ANY LOADING BERTH SHALL BE COCATED CLOSER THAN SEVENTY FIVE (75) FEET FROM THE INTERSECTION OF ANY TWO DESIGNATED STREET LINES AS DETERMINED BY THE OFFICIAL MAP. THIS DISTANCE SHALL BE ONE HUNDRED (100) FEET FOR ANY SIGNALIZED INTERSECTION OR AN INTERSECTION PROVIDING FOR A DESIGNATED LEFT-TURN STORAGE LANE ON THE SAME INTERSECTION LEG AS THE PROPOSED ACCESS DRIVE (§ 266-35.C) (COMPLIES)

A. THE APPROVAL OF ANY USE IN A BUSINESS OR INDUSTRIAL DISTRICT OR ANY NONRESIDENTIAL USE IN ANY RESIDENCE DISTRICT SHALL INCLUDE PROVISIONS FOR A BUFFER SCREENING AREA AT LEAST TEN (10) FEET IN WIDTH ALONG ANY LOT LINE ABUTTING OR, IF DETERMINED NECESSARY BY THE PLANNING BOARD, DIRECTLY ACROSS THE STREET FROM ANY LOT IN A RESIDENCE DISTRICT. (\$ 228–24.F) (N/A)

16. FLOOD DAMAGE PREVENTION REQUIREMENTS A. WITHIN ZONES A1-A30 AND AE, ON STREAMS WITHOUT A REGULATORY FLOODWAY, NO NEW CONSTRUCTION, SUBSTANTIAL IMPROVEMENTS OR OTHER DEVELOPMENT (INCLUDING FILL) SHALL BE PERMITTED UNLESS: (§ 141-16.B(1)) (N/A - EXISTING REGULATED FLOODWAY ASSOCIATED WITH ANTRIM CREEK)

i. THE APPLICANT DEMONSTRATES THAT THE CUMULATIVE EFFECT OF THE PROPOSED DEVELOPMENT, WHEN COMBINED WITH ALL OTHER EXISTING AND ANTICIPATED DEVELOPMENT, WILL NOT INCREASE THE WATER SURFACE ELEVATION OF THE BASE FLOOD MORE THAN ONE FOOT AT ANY LOCATION; OR

(§ 141–16.B(1)(A)) ii. THE VILLAGE OF SUFFERN AGREES TO APPLY TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR A CONDITIONAL FIRM REVISION, FEMA APPROVAL IS RECEIVED AND THE APPLICANT PROVIDES ALL NECESSARY DATA, ANALYSES AND MAPPING AND REIMBURSES THE VILLAGE OF SUFFERN FOR ALL FEES AND OTHER COSTS IN RELATION TO THE APPLICATION. THE APPLICANT MUST ALSO PROVIDE ALL DATA, ANALYSES AND MAPPING AND REIMBURSE THE VILLAGE OF SUFFERN FOR ALL COSTS RELATED TO THE FINAL MAP REVISION. (§ 141-16.B(1)(B))

B. ON STREAMS WITH A REGULATORY FLOODWAY, AS SHOWN ON THE FLOOD BOUNDARY AND FLOODWAY MAP OR THE FLOOD INSURANCE RATE MAP ADOPTED IN § 141-6, NO NEW CONSTRUCTION, SUBSTANTIAL IMPROVEMENTS OR OTHER DEVELOPMENT IN THE FLOODWAY (INCLUDING FILL) SHALL BE PERMITTED UNLESS: (§ 141-16.B(2)) (SPECIAL PERMIT REQUIRED FROM THE PLANNING BOARD) I. A TECHNICAL EVALUATION BY A LICENSED PROFESSIONAL ENGINEER SHOWS THAT SUCH AN ENCROACHMENT SHALL NOT RESULT IN ANY INCREASE IN

FLOOD LEVELS DURING OCCURRENCE OF THE BASE FLOOD; OR (§ 141-16.B(2)(A)) ii. THE VILLAGE OF SUFFERN AGREES TO APPLY TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR A CONDITIONAL FIRM AND FLOODWAY REVISION, FEMA APPROVAL IS RECEIVED AND THE APPLICANT PROVIDES ALL NECESSARY DATA, ANALYSES AND MAPPING AND REIMBURSES THE VILLAGE OF SUFFERN FOR ALL FEES AND OTHER COSTS IN RELATION TO THE APPLICATION. THE APPLICANT MUST ALSO PROVIDE ALL DATA, ANALYSES AND MAPPING AND REIMBURSE THE VILLAGE OF SUFFERN FOR ALL COSTS RELATED TO THE FINAL MAP REVISIONS. (§ 141–16.B(2)(B))

C. NEW STRUCTURES AND SUBSTANTIAL IMPROVEMENT TO STRUCTURES IN AREAS OF SPECIAL FLOOD HAZARD SHALL BE ANCHORED TO PREVENT FLOTATION, COLLAPSE, OR LATERAL MOVEMENT DURING THE BASE FLOOD. THIS REQUIREMENT IS IN ADDITION TO APPLICABLE STATE AND LOCAL ANCHORING REQUIREMENTS FOR RESISTING WIND FORCES. (§ 141–17.A) (N/A — PROPOSED STRUCTURES ABOVE BFE 303)

D. NEW CONSTRUCTION AND SUBSTANTIAL IMPROVEMENTS TO STRUCTURES SHALL BE CONSTRUCTED WITH MATERIALS AND UTILITY EQUIPMENT RESISTANT TO FLOOD DAMAGE (§ 141–17.R(1))

E. NEW CONSTRUCTION AND SUBSTANTIAL IMPROVEMENTS TO STRUCTURES SHALL BE CONSTRUCTED USING METHODS AND PRACTICES THAT MINIMIZE FLOOD

DAMAGE. (§ 141-17.8(2))

F. FOR ENCLOSED AREAS BELOW THE LOWEST FLOOR OF A STRUCTURE WITHIN ZONES A1-A30, AE OR AH, AND ALSO ZONE A IF BASE FLOOD ELEVATION DATA ARE AVAILABLE, NEW AND SUBSTANTIALLY IMPROVED STRUCTURES SHALL HAVE FULLY ENCLOSED AREAS BELOW THE LOWEST FLOOR THAT ARE USABLE SOLELY FOR PARKING OF VEHICLES, BUILDING ACCESS OR STORAGE IN AN AREA OTHER THAN A BASEMENT AND WHICH ARE SUBJECT TO FLOODING, DESIGNED TO AUTOMATICALLY EQUALIZE HYDROSTATIC FLOOD FORCES ON EXTERIOR WALLS BY ALLOWING FOR THE ENTRY AND EXIT OF FLOODWATERS. DESIGNS FOR MEETING THIS REQUIREMENT MUST EITHER BE CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT OR MEET OR EXCEED THE FOLLOWING MINIMUM CRITERIA: (§ 141-17.B(3)) (N/A - PROPOSED STRUCTURES ABOVE BFE 303)

I. A MINIMUM OF TWO OPENINGS HAVING A TOTAL NET AREA OF NOT LESS THAN ONE SQUARE INCH FOR EVERY SQUARE FOOT OF ENCLOSED AREA SUBJECT TO FLOODING: AND (8 141-17.B(3)(A))

SUBJECT TO FLOODING; AND (§ 141-17.B(3)(A))

ii. THE BOTTOM OF ALL SUCH OPENINGS NO HIGHER THAN ONE FOOT ABOVE THE LOWEST ADJACENT FINISHED GRADE. (§ 141–17.B(3)(B))
iii. OPENINGS MAY BE EQUIPPED WITH LOUVERS, VALVES, SCREENS OR OTHER COVERINGS OR DEVICES, PROVIDED THEY PERMIT THE AUTOMATIC ENTRY
AND EXIT OF FLOODWATERS. ENCLOSED AREAS SUBGRADE ON ALL SIDES ARE CONSIDERED BASEMENTS AND ARE NOT PERMITTED. (§ 141–17.B(3)(C))
G. WITHIN ZONES A1–A30, AE AND AH, AND ALSO ZONE A IF BASE FLOOD ELEVATION DATA ARE AVAILABLE, NEW CONSTRUCTION AND SUBSTANTIAL
IMPROVEMENTS OF ANY NONESIDENTIAL STRUCTURE SHALL EITHER: (§ 141–17.E(1)) i. HAVE THE LOWEST FLOOR, INCLUDING BASEMENT OR CELLAR, ELEVATED TO OR ABOVE TWO FEET ABOVE THE BASE FLOOD ELEVATION; OR (§ 141-17.E(1)(A)) (COMPLIES)

ii. BE FLOODPROOFED SO THAT THE STRUCTURE IS WATERTIGHT BELOW TWO FEET ABOVE THE BASE FLOOD ELEVATION, INCLUDING ATTENDANT UTILITY AND SANITARY FACILITIES, WITH WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER. ALL STRUCTURAL COMPONENTS LOCATED BELOW THE BASE FLOOD LEVEL MUST BE CAPABLE OF RESISTING HYDROSTATIC AND HYDRODYNAMIC LOADS AND THE EFFECTS OF BUOYANCY. (§ 141–17.E(1)(B)) H. IF THE STRUCTURE IS TO BE FLOODPROOFED. A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT SHALL DEVELOP AND/OR REVIEW STRUCTURAL DESIGN, SPECIFICATIONS, AND PLANS FOR CONSTRUCTION. A FLOODPROOFING CERTIFICATE OR OTHER CERTIFICATION SHALL BE PROVIDED TO THE LOCAL ADMINISTRATOR THAT CERTIFIES THE DESIGN AND METHODS OF CONSTRUCTION ARE IN ACCORDANCE WITH ACCEPTED STANDARDS OF PRACTICE FOR MEETING THE PROVISIONS OF \$ 141-17E(1)(B), INCLUDING THE SPECIFIC ELEVATION (IN RELATION TO MEAN SEA LEVEL) TO WHICH THE STRUCTURE IS TO BE FLOODPROOFED. (\$ 141-17E(3)) (N/A)

17. FENCE AND WALL REQUIREMENTS A. SUCH FENCES OR WALLS DO NOT EXCEED FOUR FEET IN HEIGHT IF LOCATED IN A REQUIRED FRONT YARD AND SIX FEET IN HEIGHT IN ANY OTHER REQUIRED YARD, EXCEPT THAT A FENCE OF NOT LESS THAN 3/4 OPEN CONSTRUCTION MAY HAVE A MAXIMUM HEIGHT OF EIGHT FEET WHERE LOCATED IN A NONRESIDENTIAL DISTRICT. (§ 266-15.K(1)) (N/A - NO WALLS LOCATED WITHIN REQUIRED YARD) NONNESIDENTIAL DISTRICT. (§ 220-13.K(1)) (N/A - NO WALLS LOCATED WITHIN A REQUIRED YARD HAS ONLY ONE FINISHED OR MORE ATTRACTIVE SIDE, SUCH SIDE SHALL FACE THE NEIGHBORING PROPERTY OR STREET. (§ 228-24.F) (§ 266-15.K(3)) (N/A - NO WALLS LOCATED WITHIN REQUIRED YARD)

C. BARBED WIRE OR CUT STEEL IS PERMITTED AS A PART OF A FENCE IN A NONRESIDENTIAL AREA, PROVIDED THAT SUCH BARBED WIRE OR CUT STEEL IS LOCATED AT LEAST EIGHT FEET ABOVE THE GROUND. (§ 228-24.F) (§ 266-15.K(4)) (N/A)

| | DI | EVELOPME | NT COVER | AGE SUM | MARY | |
|-----------------|---------------------------------------|---|--|--|--|--|
| DEDUC | TION TYPE | TOTAL AREA (AC) | EXCLUSION FACTOR (%) | | TOTAL AREA EXCLUDED (AC) | |
| WE | TLANDS | 15.678 | 50% | | 7.839 | |
| WATE | R BODIES | 1.841 | 50% | | 0.921 | |
| WATER | RCOURSES | 1.769 | 50% | | 0.885 | |
| 100 – YEAR F | FLOOD PLAIN AREA | 10.662 | 50% | | 5.331 | |
| STEEP SLOPE | ES (20% - 50%) | 20.508 | 50% | | 10.254 | |
| STEEP SLO | PES (> 50%) | 2.673 | 100% | | 2.673 | |
| ROCK | OUTCROPS | 0 | 50% | | 0 | |
| UTILITY ROW AND | DESIGNATED STREET | 0 | 50% | | (|) |
| TOTAL I | DEDUCTIONS | | · | | 28.003 | |
| GROSS LOT AREA | MAX DEVELOPMENT COVERAGE PERMITTED | GROSS DEVELOPMENT COVERAGE PERMITTED | NET LOT AREA WITH EXCLUSIONS ACCOUNTED FOR | net development Coverage Permitted | PROPOSED DEVELOPMENT COVERAGE – GROSS | PROPOSED DEVELOPMENT COVERAGE – NET |
| | | | | | l | 1 |

80% 99.9 AC 96.9 AC 77.5 AC 52.79 AC (42.3%) 52.79 AC (54.5%)

DEMOLITION NOTES

124.926 AC

ENGINEER IN WRITING

1. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN STRICT ADHERENCE TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.

2. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER. FROM THE TOP OF THE STRUCTURE(S) TO THE GROUND.

3. COMPLETE DEMOLITION WORK ABOVE EACH FLOOR OR TIER BEFORE DISTURBING ANY OF THE SUPPORTING MEMBERS OF THE LOWER LEVELS.

4. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.

5. REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER THEM TO THE GROUND BY MEANS OF HOISTS, DERRICKS OR OTHER SUITABLE METHODS.

6. BREAK UP CONCRETE SLABS-ON-GRADE, UNLESS OTHERWISE DIRECTED BY OWNER.

7. LOCATE DEMOLITION EQUIPMENT THROUGHOUT THE STRUCTURE AND REMOVE MATERIALS SO AS TO NOT IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR

8. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING AND SUPPORTS TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED (AND ADJACENT FACILITIES, IF APPLICABLE).

9. DEMOLISH AND REMOVE ALL FOUNDATION WALLS, FOOTINGS AND OTHER MATERIALS WITHIN THE AREA OF THE DESIGNATED FUTURE BUILDING. ALL OTHER FOUNDATION SYSTEMS, INCLUDING BASEMENTS, SHALL BE DEMOLISHED TO A DEPTH OF NOT LESS THAN ONE FOOT BELOW PROPOSED PAVEMENT OR, BREAK BASEMENT FLOOR SLABS. SEAL ALL OPEN UTILITY LINES WITH CONCRETE. CONTRACTOR TO REVIEW STRUCTURE PRIOR TO DEMOLITION TO DETERMINE IF BASEMENT, CRAWL SPACE OR ANY SUB-STRUCTURE EXISTS. ANY SUB-STRUCTURE, INCLUDING BASEMENTS SHALL BE REMOVED IN ITS ENTIRETY OR AS DIRECTED BY OWNER.

10. ERECT AND MAINTAIN COVERED PASSAGEWAYS IN ORDER TO PROVIDE SAFE PASSAGE FOR PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT ALL DEMOLITION OPERATIONS IN A MANNER THAT WILL PREVENT DAMAGE AND PERSONAL INJURY TO STRUCTURES, ADJACENT BUILDINGS AND ALL PERSONS.

11. REFRAIN FROM USING ANY EXPLOSIVES WITHOUT PRIOR WRITTEN CONSENT OF OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES.

12. CONDUCT DEMOLITION SERVICES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS. WALKS. OR OTHER OCCUPIED FACILITIES WITHOUT PRIOR WRITTEN PERMISSION OF OWNER AND ANY APPLICABLE GOVERNMENTAL AUTHORITIES. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY APPLICABLE GOVERNMENTAL REGULATIONS

13. USE WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. RETURN ALL ADJACENT AREAS TO THE

CONDITIONS EXISTING PRIOR TO THE START OF WORK 14. ACCOMPLISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME.

15. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS WITH SOIL MATERIALS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER, STONES USED WILL NOT BE LARGER THAN 6 INCHES IN DIMENSION. MATERIAL FROM DEMOLITION MAY NOT BE USED AS FILL. PRIOR TO PLACEMENT OF FILL MATERIALS, UNDERTAKE ALL NECESSARY ACTION IN ORDER TO ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, DEBRIS PLACE FILL MATERIALS IN HORIZONTAL LAYERS NOT EXCEEDING 6 INCHES IN LOOSE DEPTH AND COMPACT EACH LAYER AT PLACEMENT TO 95% OPTIMUM DENSITY. GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE SURFACE DRAINAGE.

16. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES. REMOVED MATERIALS MAY NOT BE STORED, SOLD OR BURNED ON THE SITE. REMOVAL OF HAZARDOUS AND COMBUSTIBLE MATERIALS SHALL BE ACCOMPLISHED IN ACCORDANCE

WITH THE PROCEDURES AS AUTHORIZED BY THE FIRE DEPARTMENT OR OTHER APPROPRIATE REGULATORY AGENCIES AND AUTHORITIES. 17. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED BEFORE THE COMMENCEMENT OF THE DESIGNATED DEMOLITION. MARK FOR POSITION ALL UTILITY DRAINAGE AND SANITARY LINES AND PROTECT ALL ACTIVE LINES. CLEARLY IDENTIFY BEFORE THE COMMENCEMENT OF DEMOLITION. SERVICES THE REQUIRED INTERRUPTION OF ACTIVE SYSTEMS THAT MAY AFFECT OTHER PARTIES, AND NOTIFY ALL APPLICABLE UTILITY COMPANIES TO ENSURE THE CONTINUATION OF SERVICE

18. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL PROCEDURES ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS NECESSARY.

19. DEMOLITION TO BE CONDUCTED IN PHASES WITH NO PHASE DISTURBING MORE THAN FIVE (5) ACRES AT A TIME.

. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL BE REQUIRED TO CALL THE BOARD OF PUBLIC UTILITIES ONE CALL DAMAGE PROTECTION SYSTEM OR UTILITY MARK OUT IN ADVANCE OF ANY EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING SITE IMPROVEMENTS AND UTILITIES. ALL DISCREPANCIES SHALL BE IDENTIFIED TO THE

ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE DISCONNECTED AND CAPPED AT THE MAIN FOR WATER, AT THE CLEAN-OUT FOR SEWER AND THE SHUT-OFF VALVE OR MAIN FOR GAS IN ACCORDANCE WITH MUNICIPAL AND LOCAL UTILITY REQUIREMENTS. 4. ALL EXISTING DEBRIS SHALL BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH MUNICIPAL AND LOCAL UTILITY COMPANY REQUIREMENTS.

GRADING NOTES

7. MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.

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. TEST 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 SUILDING PROPORT

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.

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

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

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.

3. 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 OWNERS 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.

ALL SLOPES INDICATED ARE ACTUAL. CONTRACTOR TO REFER TO LATEST ADA GUIDELINES FOR SLOPE LIMITS. AT THE TIME OF PLAN DESIGN,

- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION)

- CROSS SLOPE: 1:48 (2.08%) MAX., 1.0% MIN. (1.5% MAX. FOR NEW CONSTRUCTION)

CONSTRUCTION) AND 1:20 (5%) RUNNING SLOPE (4.5% MAX FOR NEW CONSTRUCTION)

- INTERSECTION SLOPE: 1:48 (2.08%) MAX. IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION) - CHANGE IN LEVELS: 1/2" MAX. HEIGHT OR 1/2" MAX. HEIGHT WITH BEVELED EDGE BEVELED EDGE SLOPE OF 1:2 (50%) MAX. GAPS: 1/2" MAX. WIDTH ELONGATED OPENINGS SHALL BE PLACED SO LONG DIMENSION IS PERPENDICULAR TO PATH OF

- SLOPE 1:12 (8.3%) MAX. (7.4% MAX. FOR NEW CONSTRUCTION)

· SIDE FLARE SLOPE: 1:10 (10%) MAX. (WHERE PEDS CROSS RAMP) · BOTTOM LANDING: 48" MIN. LENGTH; WIDTH TO MATCH CURB RAMP; 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.5% MAX. FOR

NEW CONSTRUCTION) - TOP LANDING: 36" MIN. LENGTH; WIDTH TO MATCH CURB RAMP; 1:48 MAX. (2.08%) CROSS SLOPE (1.5% MAX. FOR NEW

- SPACE AND ACCESS AISLE SLOPE: 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION)

- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION) CROSS SLOPE: 1:48 (2.08%) MAX. (1.5% MAX. FOR NEW CONSTRUCTION)

· CHANGE IN LEVELS: ¼" MAX. HEIGHT OR ½" MAX. HEIGHT WITH BEVELED EDGE. BEVELED EDGE SLOPE OF 1:2 (50%) MAX. GAPS: 1/2" MAX. WIDTH ELONGATED OPENINGS SHALL BE PLACED SO LONG DIMENSION IS PERPENDICULAR TO PATH OF

- SLOPE: 1:12 (8.3%) MAX. (7.4% MAX. FOR NEW CONSTRUCTION)

EXISTING RAMPS; SLOPE: 1:10 (10%) MAX. FOR RISE OF 6"; 1:8 (12.5%) MAX. FOR MAX. RISE OF 3" MAX. RISE: 30"

MIN. CLEAR WIDTH: 36"

- MAX. CROSS SLOPE: 1:48 (2.08%) (1.5% MAX. FOR NEW CONSTRUCTION)

DRAINAGE NOTES

1. 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.

2. 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.

3. 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 I 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.

4. 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.

5. 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.

6. 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.

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 FNGINFER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. INTERFACE POINTS

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.

(CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.

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

5. ALL WATER MAIN SHALL BE CEMENT-LINED, CLASS 52 DUCTILE IRON PIPE, UNLESS OTHERWISE DESIGNATED.

APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.

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

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

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. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILIZATION OF THE EXISTING SEWER MAIN, STRUCTURES AND APPURTENANCES DURING CONNECTION.

11. 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.

12. 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.

13. ALL SEWER AND WATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATORY AUTHORITY'S RULES AND REGULATIONS. 14. ALL PROPOSED UTILITIES TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.

15. MANUFACTURED REINFORCED CONCRETE STORM PIPE TO CONFORM TO ASTM C-76, CLASS III, UNLESS OTHERWISE DESIGNATED. MANUFACTURED 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

16. 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.

17. 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.

18. 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

19. WATER SUPPLY BY: VILLAGE OF SUFFERN WATER DEPARTMENT

20. ALL UTILITIES SHALL BE UNDERGROUND. ELECTRIC SERVICE SHALL BE IN A CONDUIT OF NOT LESS TWO INCHES IN DIAMETER.

