JAMIE WHITEHOUSE, AICP, MRTPI DIRECTOR OF PLANNING & ZONING (302) 855-7878 T (302) 854-5079 F jamie.whitehouse@sussexcountyde.gov



Sussex County

DELAWARE sussexcountyde.gov

Memorandum

To: Sussex County Planning Commission Members

From: Jamie Whitehouse, Director, Department of Planning & Zoning; Jenny Norwood, Planning and Zoning Manager; Lauren DeVore, Planner III; Christin Scott, Planner I; Nicholas Torrance, Planner I; Chase Phillips, Planner I; and Elliott Young, Planner I

CC: Vince Robertson, Assistant County Attorney

Date: June 3rd, 2021

RE: Other Business for the June 10th, 2021 Planning Commission Meeting

This memo is to provide background for the Planning Commission to consider as a part of the Other Business to be reviewed during the June 10, 2021 Planning Commission meeting.

Walden I (2016-14) KH

Preliminary Amenities Plan

This is a Final Amenities Plan for the Walden I cluster subdivision. This plan proposes a 4,870 square foot clubhouse, 2,834 square foot in-ground pool and fencing, multi-purpose court, pickle ball court, tot lot and 60 parking spaces. The site is located at the corner of Elias Lane and Clifford Lane within the Walden I Subdivision. No landscaping is proposed as part of this plan. The Final Amenities Plan complies with the Sussex County Zoning Code. Tax Parcel: 234-17.00-17.00. Zoning District: AR-1 (Agricultural Residential Zoning District). Staff are in receipt of all required agency approvals for this proposal, and therefore, both Preliminary and Final approvals may be granted at the will of the Commission.

26582 John J. Williams Hwy, LLC

BM

Revised Final Site Plan

This is a Revised Final Site Plan for the addition of four (4) proposed storage buildings: two (2) at 2,400 square feet and two (2) at 2,000 square feet. At their meeting of Thursday, December 12, 2019, the Planning and Zoning Commission approved the Revised Final Site Plan to include a proposed 3,360 square foot building and parking. The site was previously known as Atlantic Self Storage. The Revised Final Site Plan complies with the Zoning Code. Tax Parcel: 234-29.00-263.07. Zoning: C-1 (General Commercial Zoning District). Staff are in receipt of all agency approvals.

Leisure Point Recreational Campground Expansion (S-21-11 / C/U 2201)

BM

Preliminary Site Plan

This is a Preliminary Site Plan for the Leisure Point Recreational Campground Expansion for a proposal to add 58 campsites to the existing Leisure Point Campground for mobile campers, tents, camp trailers, touring vans and the like. The properties are located on the south side of Dogwood Lane. There was a related Board of Adjustment Application for the parcels, BOA Case No. 12428. The application was for a variance from the separation distance requirement that campers be at least 400 feet from existing dwellings on properties of other ownership, which was granted by the Board and of which, the Findings of Fact were approved on August 17, 2020. The variance only applies in relation to the Niblett Property (which consists of Tax Parcels 234-24.00-39.08 & 39.07.) Additionally, the Sussex County Council approved the application to allow for an expansion of the campground at their meeting of Tuesday, March 16, 2021 subject to eighteen (18) conditions. The Preliminary Site



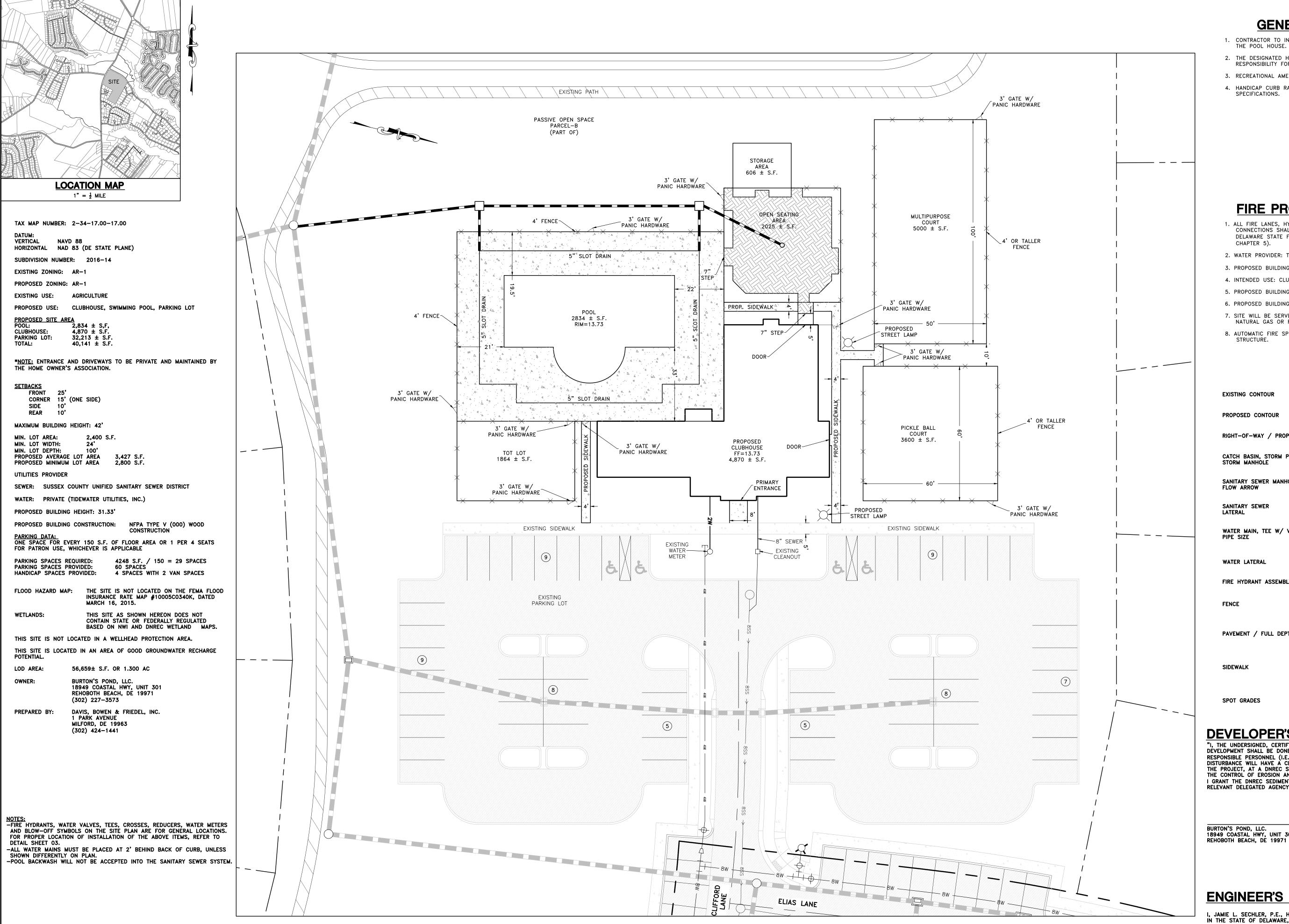
Plan complies with Sussex County Zoning Code and all Conditions of Approval. Tax Parcels: 234-24.00-39.02 & 234-24.00-39.06. Zoning District: AR-1 (Agricultural Residential Zoning District. Staff are awaiting all agency approvals.

Lands of Jonathan and Donna Hamilton

HW

Minor Subdivision off a 50-ft Easement

This is a Minor Subdivision Plan for the subdivision of a 10.80-acre +/- parcel of land for the creation of one (1) lot plus residual lands off of a 50-foot access easement. Lot 1 will consist of 3.77 acres +/- with the residual lands containing 7.03 acres +/-. The parcel is located on the east side of Line Church Road (S.C.R 456). The Minor Subdivision Plan complies with the Sussex County Zoning and Subdivision Codes. Tax Parcel: 333-14.00-16.00. Zoning District: AR-1 (Agricultural Residential District). Staff are in receipt of all agency approvals.



GENERAL NOTES:

- 1. CONTRACTOR TO INSTALL TRACER WIRE ON SERVICE LINE FOR
- 2. THE DESIGNATED HOMEOWNERS ASSOCIATION ASSUMES
- RESPONSIBILITY FOR THE AMENITIES WITHIN WALDEN.
- 3. RECREATIONAL AMENITIES TO SERVE THE RESIDENTS OF WALDEN.
- 4. HANDICAP CURB RAMPS SHALL CONFORM TO ADA STANDARDS AND

FIRE PROTECTION NOTES

- 1. ALL FIRE LANES, HYDRANTS, EXITS, AND FIRE DEPARTMENT CONNECTIONS SHALL BE MARKED IN ACCORDANCE WITH THE DELAWARE STATE FIRE PREVENTION REGULATIONS (DSFPR, 705,
- 2. WATER PROVIDER: TIDEWATER UTILITIES, INC.
- 3. PROPOSED BUILDING CONSTRUCTION: TYPE V (000)
- 4. INTENDED USE: CLUB HOUSE, POOL AND POOL DECK ASSEMBLY
- 5. PROPOSED BUILDING HEIGHT: < 42 FEET
- 6. PROPOSED BUILDING SQUARE FOOTAGE: 4,870 ± S.F.
- 7. SITE WILL BE SERVED BY AN UNDERGROUND CLOSED PIPE NATURAL GAS OR PROPANE SYSTEM.
- 8. AUTOMATIC FIRE SPRINKLERS ARE NOT PROPOSED FOR THIS

LEGEND

_____ PROPOSED CONTOUR _ _ _ _ _ - 11 _ _ _ _ _ _ _ RIGHT-OF-WAY / PROPERTY LINE SANITARY SEWER MANHOLE, PIPE, WATER MAIN, TEE W/ VALVES, _____ 1W ______ FIRE HYDRANT ASSEMBLY PAVEMENT / FULL DEPTH

DEVELOPER'S STATEMENT

"I, THE UNDERSIGNED, CERTIFY THAT ALL LAND CLEARING, CONSTRUCTION AND DEVELOPMENT SHALL BE DONE PURSUANT TO THE APPROVED PLAN AND THAT RESPONSIBLE PERSONNEL (I.E., BLUE CARD HOLDER) INVOLVED IN THE LAND DISTURBANCE WILL HAVE A CERTIFICATION OF TRAINING PRIOR TO INITIATION OF THE PROJECT, AT A DNREC SPONSORED OR APPROVED TRAINING COURSE FOR THE CONTROL OF EROSION AND SEDIMENT DURING CONSTRUCTION. IN ADDITION I GRANT THE DNREC SEDIMENT AND STORMWATER PROGRAM AND/OR THE RELEVANT DELEGATED AGENCY THE RIGHT TO CONDUCT ON-SITE REVIEWS.

712.00

DATE 18949 COASTAL HWY, UNIT 301 REHOBOTH BEACH, DE 19971

ENGINEER'S STATEMENT

I, JAMIE L. SECHLER, P.E., HEREBY STATE THAT I AM A REGISTERED ENGINEER IN THE STATE OF DELAWARE, THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO MY BEST KNOWLEDGE AND BELIEF REPRESENTS GOOD ENGINEERING PRACTICES AS REQUIRED BY THE APPLICABLE LAWS OF THE STATE OF DELAWARE.

DAVIS, BOWEN & FRIEDEL, INC. by JAMIE L. SECHLER, P.E.



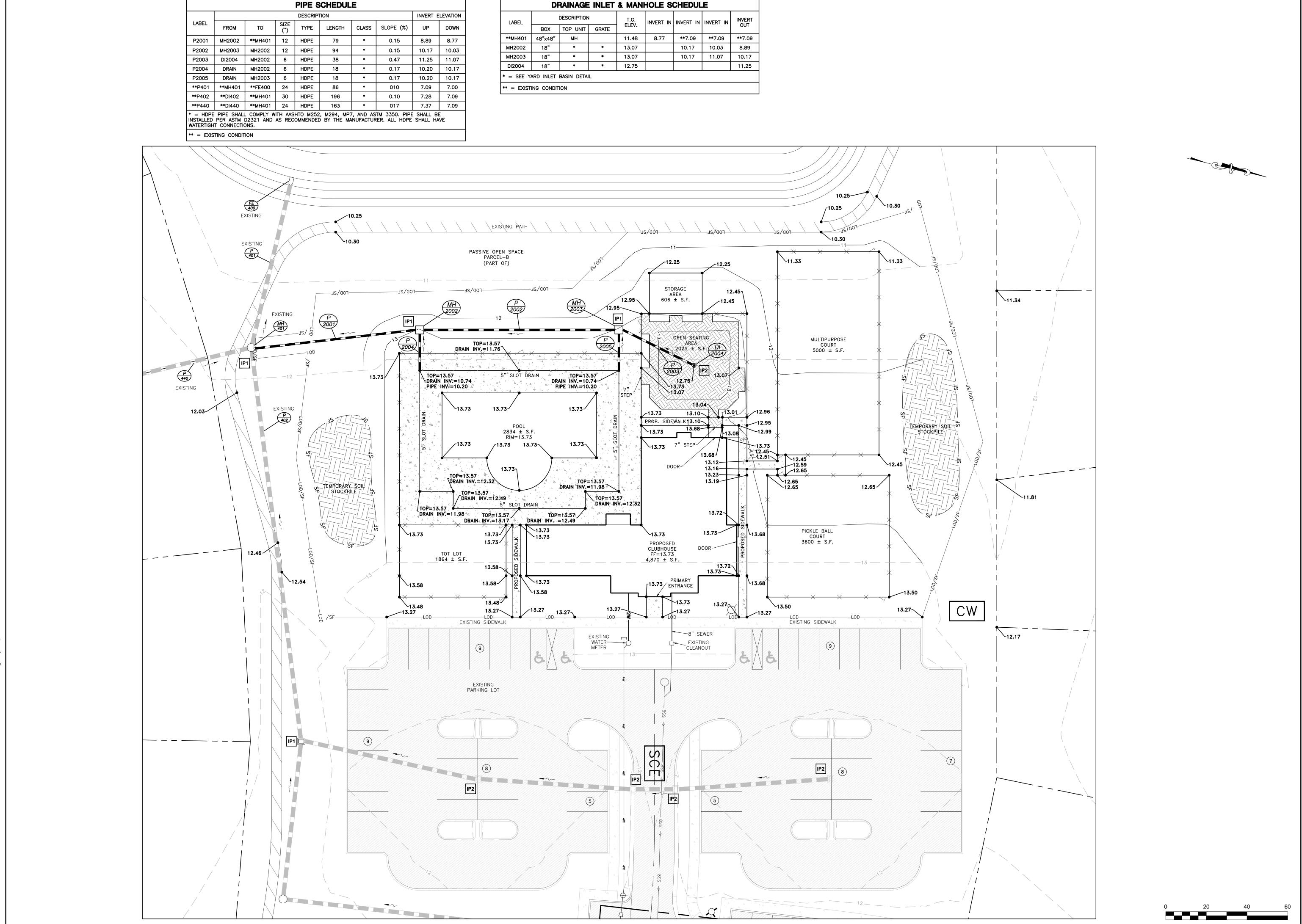
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SIO SUBDIV OUNT SUSSEX SID

Revisions:

AUGUST 2020 1"=20' Dwn.By: RPK 0818P001

Dwg.No.:



SUBDIVISION Y, DELAWARE ARE/ COUNT RESIDENTIAL WALDEN SUSSEX

Revisions:

Dwn.By:

Dwg.No.:

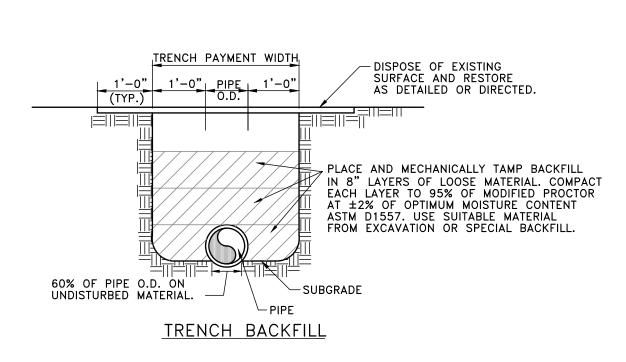
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AUGUST 2020

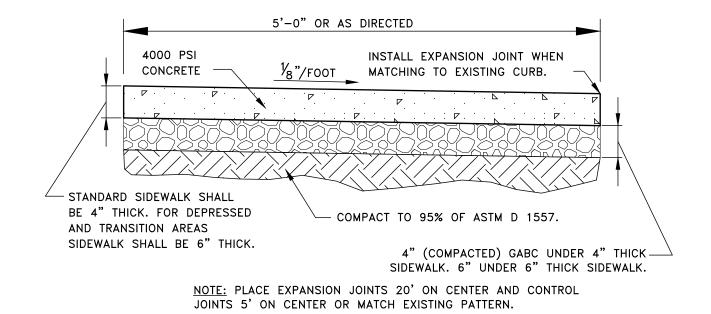
1"=20'

RPK

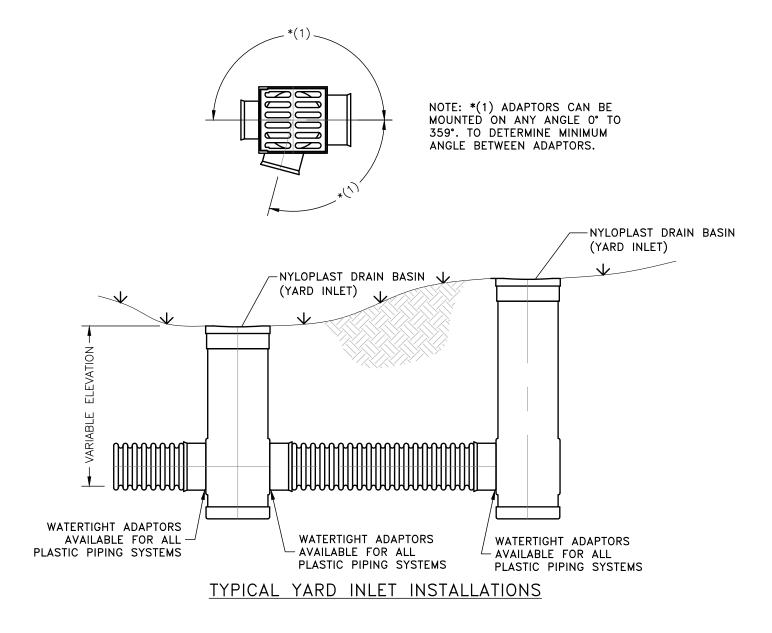
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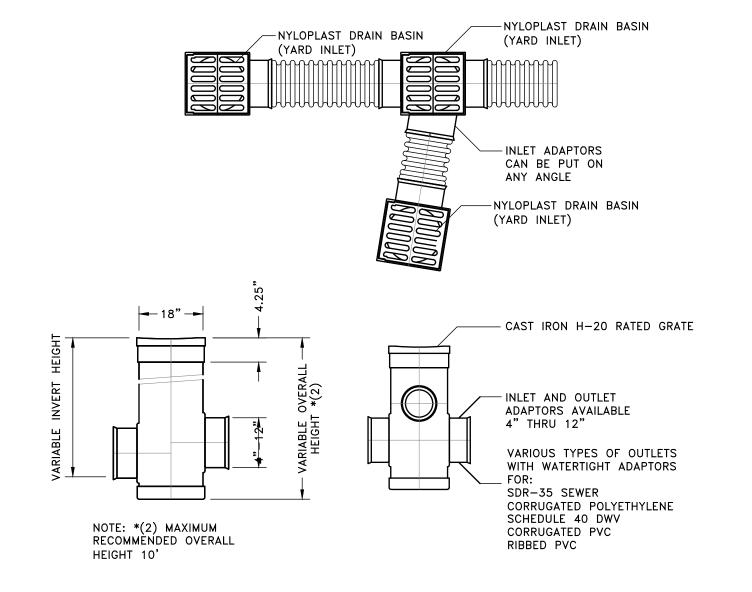


TRENCH BACKFILL AND PIPE BEDDING DETAIL



CONCRETE SIDEWALK DETAIL





TYPICAL YARD INLET DETAILS

GENERAL NOTES

- 1. THE SUSSEX CONSERVATION DISTRICT MUST BE NOTIFIED IN WRITING FIVE (5) DAYS PRIOR TO
- 2. REVIEW AND OR APPROVAL OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR
- 3. IF THE APPROVED PLAN NEEDS TO BE MODIFIED, ADDITIONAL SEDIMENT AND STORMWATER CONTROL
- 4. FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED FOR ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WITHIN 14 CALENDAR DAYS UNLESS MORE RESTRICTIVE FEDERAL
- 5. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL COMPLY WITH THE DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- 6. AT ANY TIME A DEWATERING OPERATION IS USED, IT SHALL BE PREVIOUSLY APPROVED BY THE AGENCY SHALL BE APPROVED BY THE DNREC WELL PERMITTING BRANCH.
- 7. APPROVAL OF A SEDIMENT AND STORMWATER MANAGEMENT PLAN DOES NOT GRANT OR IMPLY A RIGHT ALL AGREEMENTS, EASEMENTS, ETC., NECESSARY TO COMPLY WITH STATE DRAINAGE AND OTHER
- 8. THE CONTRACTOR SHALL AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF OR WIND FROM LEAVING THE SITE. PERIMETER CONTROLS SHALL BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED TO FULLY CONTAIN AND CONTROL SEDIMENT FROM LEAVING THE SITE. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. IN ADDITION, THE CONTRACTOR MAY NEED TO ADJUST OR ALTER MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE AGENCY CONSTRUCTION SITE REVIEWER.
- 9. BEST AVAILABLE TECHNOLOGY (BAT) SHALL BE EMPLOYED TO MANAGE TURBID DISCHARGES IN ACCORDANCE WITH REQUIREMENTS OF 7. DEL C. CH 60, REGULATIONS GOVERNING THE CONTROL OF WATER POLLUTION, SECTION 9.1.02, KNOWN AS SPECIAL CONDITIONS FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES, AND DEPARTMENT POLICIES, PROCEDURES, AND GUIDANCE.

SEQUENCE OF CONSTRUCTION

NOTIFY THE SUSSEX CONSERVATION DISTRICT IN WRITING AT LEAST FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION. FAILURE TO DO SO CONSTITUENTS A VIOLATION OF THE APPROVED SEDIMENT AND

- 1. INSTALL ALL PRE-BULK EROSION & SEDIMENT CONTROLS. CCR SHALL REVIEW INSTALLATION OF THE
- 2. ALL PERIMETER CONTROLS ARE TO BE REVIEWED BY THE AGENCY CONSTRUCTION SITE REVIEWER AND
- 4. MINIMIZE DEMOLITION, CLEARING AND GRADING OPERATIONS TO AREAS NECESSARY FOR IMMEDIATE CONSTRUCTION ACTIVITY.

- 7. EXPORT FILL, GRADE FOR BUILDINGS. BEGIN BUILDING CONSTRUCTION.
- 8. FINE GRADE FOR PROPOSED AMENITY AREAS, PLACE STONE PER PAVEMENT SPECIFICATIONS AND PLANS.
- A. REMOVE SEDIMENT FROM STORMDRAIN SYSTEM.
- B. STABILIZE DISTURBANCE IMMEDIATELY.
- 10. RESTORE ALL DISTURBED AREAS NOT TO BE COVERED BY PAVEMENT WITH PERMANENT STABILIZATION IN
- 11. NOTIFY THE CCR AT LEAST THREE (3) DAYS PRIOR TO START OF THE STORMWATER SYSTEM CONSTRUCTION; STORMWATER FACILITIES MUST BE REVIEWED THROUGHOUT THEIR CONSTRUCTION.

COMMENCING WITH CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLAN.

FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.

- MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY DNREC OR THE DELEGATED AGENCY.
- CONSTRUCTION SITE REVIEWER FOR A NON-EROSIVE POINT OF DISCHARGE, AND A DEWATERING PERMIT
- TO DISCHARGE STORMWATER RUNOFF. THE OWNER/DEVELOPER IS RESPONSIBLE FOR ACQUIRING ANY AND

STORMWATER MANAGEMENT PLAN.

- INSTALLATION OF THE EROSION & SEDIMENT CONTROLS.
- APPROVED PRIOR TO PROCEEDING WITH FURTHER SITE DISTURBANCE OR CONSTRUCTION.
- 3. THE CONTRACTOR SHALL AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF OR WIND FROM LEAVING THE SITE. PERIMETER CONTROLS SHOULD BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED TO FULLY CONTAIN AND CONTROL SEDIMENTATION ON THE SITE. IN ADDITION, THE CONTRACTOR MAY NEED TO ADJUST OR REPAIR MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE AGENCY CONSTRUCTION SITE REVIEWER.
- 5. PERFORM ANY REQUIRED DEMOLITION OF THE EXISTING SITE.
- 6. STRIP TOPSOIL AND PERFORM ROUGH GRADING FOR BUILDING AND AMENITY AREAS.
- 9. UPON COMPLETION OF PAVING AND STABILIZATION OF ALL DISTURBED AREAS,
- ACCORDANCE WITH ITEM 14 OF THE EROSION AND SEDIMENT CONTROL NOTES.
- 12. EROSION AND SEDIMENT CONTROL DEVICES SHOULD BE REMOVED ONLY AFTER WORK IN AN AREA HAS BEEN COMPLETED AND STABILIZED, WITH WRITTEN APPROVAL FROM THE AGENCY CONSTRUCTION SITE REVIEWER.

Revisions:

Dwn.By:

SIO

<u>5</u>

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NOO

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Z

AUGUST 2020 NTS RPK

0818P001



OFFICE OF THE STATE FIRE MARSHAL Technical Services

22705 Park Avenue Georgetown, DE 19947



SFMO PERMIT

Status: Approved as Submitted Date: 09/21/2020

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	ıv	ICCL

Clubhouse

Harbeson DE 19951

Walden (Burton Pond)

Scope of Project

Number of Stories: Square Footage: Construction Class:

Fire District: 80 - Indian River Volunteer Fire Co.,

Occupant Load Inside: Occupancy Code:

Inc.

Applicant

Jamie Sechler 1 Park Avenue Milford. DE 19963

This office has reviewed the plans and specifications of the above described project for compliance with the Delaware State Fire Prevention Regulations, in effect as of the date of this review.

The owner understands that this construction start approval is limited to preliminary site construction and foundation work only. No other construction of any kind shall be permitted until the required building plan review is completed.

A Review Status of "Approved as Submitted" or "Not Approved as Submitted" must comply with the provisions of the attached Plan Review Comments.

Any Conditional Approval does not relieve the Applicant, Owner, Engineer, Contractor, nor their representatives from their responsibility to comply with the plan review comments and the applicable provisions of the Delaware State Fire Prevention Regulations in the construction, installation and/or completion of the project as reviewed by this Agency.

This Plan Review Project was prepared by:

Desiree McCall

FIRE PROTECTION PLAN REVIEW COMMENTS

Status: Approved as Submitted Date: 09/21/2020

PROJECT COMMENTS

- This project has been reviewed under the provisions of the Delaware State Fire Prevention Regulations (DSFPR) UPDATED March 11, 2016. The current Delaware State Fire Prevention Regulations are available on our website at www.statefiremarshal.delaware.gov. These plans were not reviewed for compliance with the Americans with Disabilities Act (ADA). These plans were not reviewed for compliance with any Local, Municipal, nor County Building Codes.
- 1040 A This site meets Water Flow Table 2, therefore the following water for fire protection requirements apply: Main Sizes: 6" minimum. Minimum Capacity: 1,000 gpm @ 20 psi residual for 1 hour duration. Hydrant Spacing: 800' on center.
- 1180 A This report reflects site review only. It is the responsibility of the applicant and owner to forward copies of this review to any other agency as required by those agencies.
- * this review is for the site and pool area
- 1190 A Separate plan submittal is required for the building(s) proposed for this project.
- 2040 A Any door in a required means of egress from an area having an occupant load of 100 or more persons may be provided with a latch or lock only if it is panic hardware or fire exit hardware complying with NFPA 101, Section 12.2.2.2.3 and section 7.2.1.7.1
- * panic hardware on the exterior gates for the pool/amenity areas will be verified at the final inspection
- 1501 A If there are any questions about the above referenced comments please feel free to contact the Fire Protection Specialist who reviewed this project. Please have the plan review number available when calling about a specific project. When changes orrevisions to the plans occur, plans are required to be submitted, reviewed, and approved.



September 11, 2020

Mr. Ben Gordy c/o Davis, Bowen, & Friedel, Inc. 1 Park Avenue Milford, DE 19963

RE: Walden I - Amenity Area

Dear Mr. Gordy:

A Sediment and Stormwater Management Plan has been reviewed for compliance with the Sediment and Stormwater Regulations and is approved with conditions (see attached). Enclosed herein please find a copy of the approved application form and approved plan sets. Please retain a copy for your use and provide the contractor with a copy to be retained onsite at all times. Failure to keep an approved plan onsite is a violation of the approved plan.

Approval of a Sediment and Stormwater Plan does not grant or imply a right to discharge stormwater runoff. The owner/developer is responsible for acquiring any and all agreements, easements, etc., necessary to comply with State drainage and other applicable laws.

This plan approval pertains to compliance with the *Delaware Sediment and Stormwater Regulations*. Please understand that the approval of this plan does not relieve you from complying with any and all federal, state, county, or municipal laws and regulations.

As of January 1, 2014, the Sussex Conservation District began collecting financial guarantees to ensure the construction of stormwater management practices is accomplished in accordance with the approved sediment and stormwater plan. Please refer to the SCD Policy on Bonds located on our website at *Sussexconservation.org*. If you have any questions concerning the aforementioned, please do not hesitate to call 302 856-7219.

Sincerely,

Jessica Watson

Jessica Watson queue Program Manager

JW/jmg

cc: Janelle Cornwell

CONDITIONS OF APPROVAL

NOTIFICATION

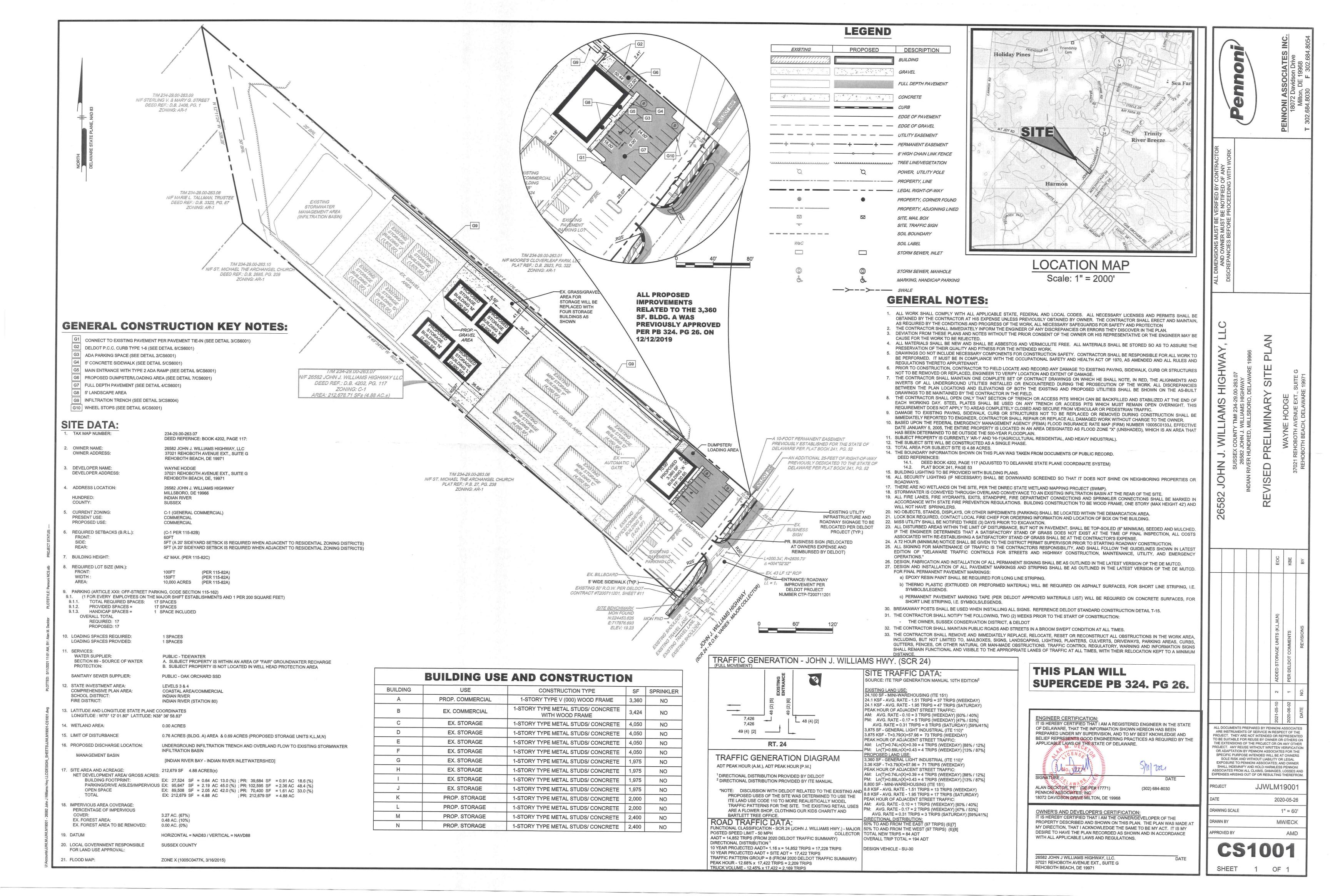
- This approved plan will remain valid for 5 years from the date of this approval. If construction does not
 begin within five years, the approved plan will be considered to have expired, and must be resubmitted to
 the District for a new review. In addition, if work is not completed within the five-year timeframe, the
 District must be contacted and a request for an extension submitted. Depending on regulation changes, a
 new plan may need to be submitted to ensure that all stormwater management facilities are constructed to
 the most recent standards.
- 2. Submittal of the Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activities together with this approval of the detailed Sediment and Stormwater Plan provide this project with Federal permit coverage to be authorized to discharge storm water associated with construction activities. It is the owner's responsibility to ensure that permit coverage remains valid throughout construction by submitting the NOI fee annually as requested. The developer is responsible for weekly self-inspection reporting to be retained onsite.
- Notify the Sussex Conservation District Sediment and Stormwater Management Section of your intent to begin construction in writing five (5) days prior to commencing. Failure to do so constitutes a violation of the approved plan.

CHANGES

- 4. This project is to be undertaken in accordance with the plans submitted and as approved. If changes are necessary at any time during the completion of the project, submit revised plans, prior to further construction, to the Sussex Conservation District Sediment and Stormwater Program for review and approval of the revision.
- 5. Should ownership change during the construction period, a revised plan must be submitted for approval showing the new owner's signature on the owner's certification. In addition, a Transfer of Authorization form must be submitted to DNREC to transfer Federal permit coverage to the new owner.

CONSTRUCTION AND CLOSEOUT

- 6. A pre-construction meeting must take place before any land disturbing activity begins. The meeting may take place on site and be attended by the owner, contractor, design consultant, Certified Construction Reviewer and Sussex Conservation District Sediment and Stormwater Program Construction Reviewer. The owner or the owner's designee shall contact the Sussex Conservation Construction Reviewer to schedule the pre-construction meeting.
- Keep available onsite, during all phases of construction, a copy of the approved Sediment and Stormwater Management Plan.
- 8. Keep available onsite, during all phases of constriction, copies of the Developers weekly self-inspection reports and/or the CCR Reports.
- Any sediment transported off-site to roads or road rights-of-way including ditches shall be removed. Any damage to ditches shall be repaired and stabilized to original condition.
- 10. Grading shall not impair surface drainage, create an erosion hazard, or create a source of sediment to any adjacent watercourse or property owner.
- 11. Failure to implement the permanent stormwater management practices as mentioned herein constitutes a violation of the conditions of this plan approval; it may result in the suspension or revocation of building permits or grading permits issued by the local jurisdiction; and it may result in legal action by the DNREC to bring the site into compliance with the approved Sediment and Stormwater Management Plan and the Delaware Sediment and Stormwater Regulations.
- 12. The permanent stormwater management facility or facilities must be constructed and accepted by the Sussex Conservation District Sediment and Stormwater Program prior to final closeout of the project site. Post construction verification documentation of the stormwater management facility or facilities must be completed as soon as construction of the facility or facilities is complete so that any necessary modifications may be made during the construction period.



LEISURE POINT RECREATION CAMPGROUND EXPANSION

DOGWOOD LANE
MILLSBORO, DE 19966
S-21-11 / CU2201

PRELIMINARY SITE PLAN

INDIAN RIVER HUNDRED, SUSSEX COUNTY, DELAWARE

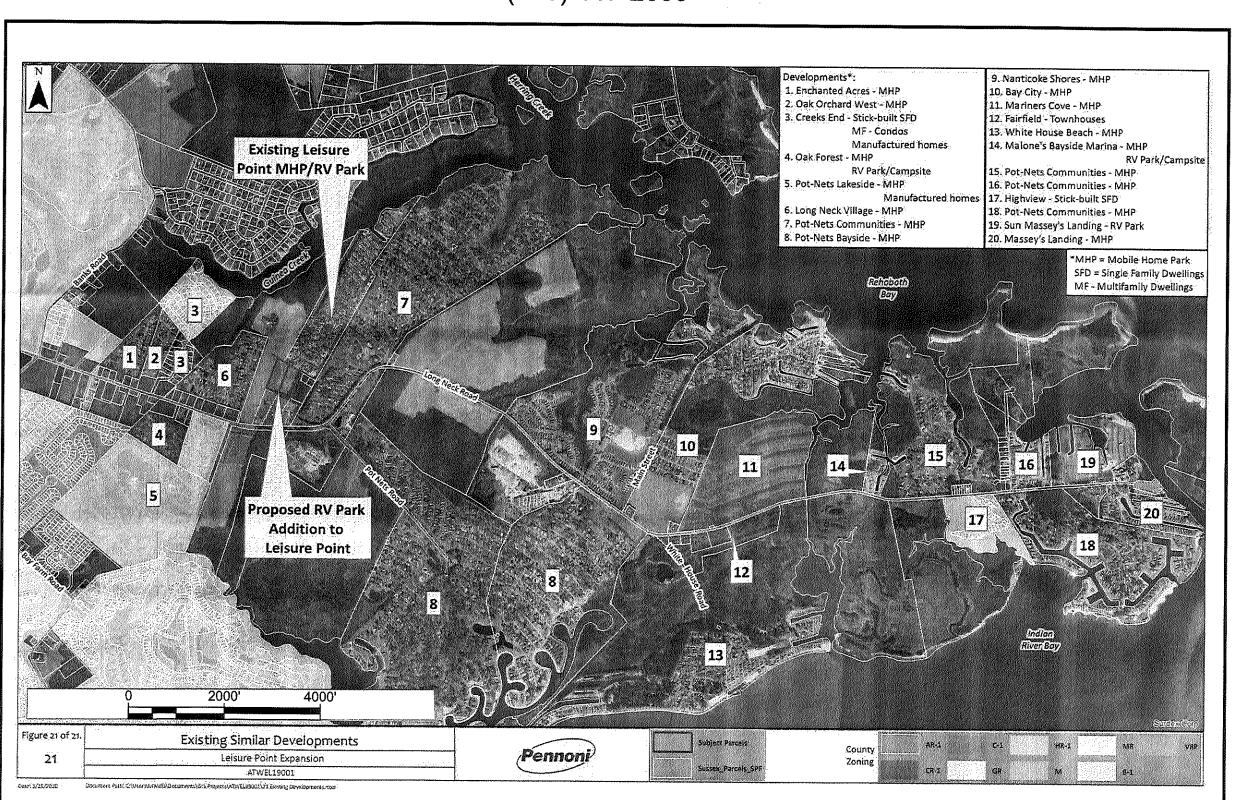
PREPARED FOR:

OWNER

SUN LEISURE POINT RESORT, LLC

27777 FRANKLIN ROAD, SUITE 200 SOUTHFIELD, MI 48034

(248) 447-2099



PREPARED BY:
PENNONI ASSOCIATES INC.



18072 Davidson Drive Milton, DE 19968 **T** 302.684.8030 **F** 302.684.8054

CALL BEFORE YOU DIG Call Miss Utility of Delmarva 800-282-8555 Ticket Number(s): OWNER-PARCELS 39.02 & 39.06 & 38.00
SUN LEISURE POINT RESORT, LLC
27777 FRANKLIN ROAD, SUITE 200
SOUTHFIELD, MI 48034
(248) 447-2099

ENGINEER/SITE DESIGNER
PENNONI ASSOCIATES INC.
18072 DAVIDSON DRIVE
MILTON, DE 19968
(302) 684-8030

SURVEYOR
PENNONI ASSOCIATES INC.
18072 DAVIDSON DRIVE
MILTON, DE 19968
(302) 684-8030

SCHOOL DISTRICT
INDIAN RIVER

FIRE DISTRICT
INDIAN RIVER FIRE DEPARTMENT

WATER UTILITY
LONG NECK WATER COMPANY

SEWER UTILITY
SUSSEX COUNTY

ELECTRIC
DELMARVA POWER

TELECOMMUNICATION
VERIZON

CATV
MEDIACOM

POSTAL DISTRICT
MILL SBORO

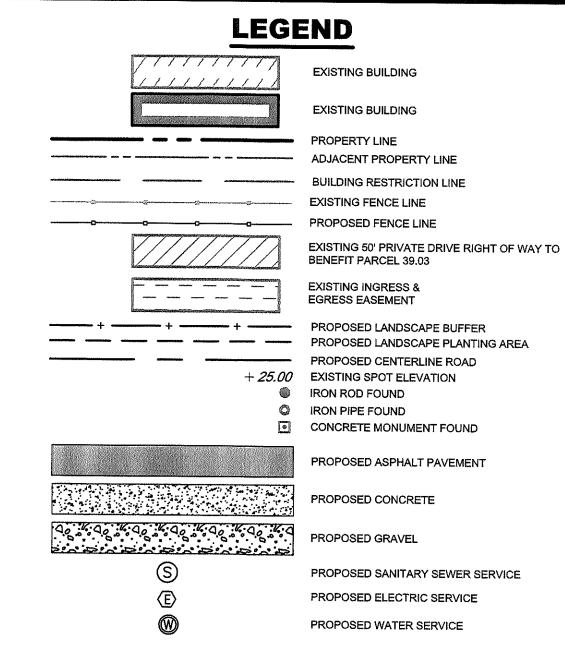
ENGINEER CERTIFICATION:
IT IS HEREBY CERTIFIED THAT I AM A PROFESSIONAL ENGINEER IN THE STATE OF DELAWARE, THAT THE INFORMATION SHOWN HEREDN HAS BEEN PREPARED UNDER MY SUPERVISION, AND TO MY BEST KNOWLEDGE AND SHIFE REPRESENTS GOOD SURVEYING PRACTICES AS REQUIRED BY THE APPLICABLE AND OFFICE STATE OF DELAWARE.

SIGNATURE

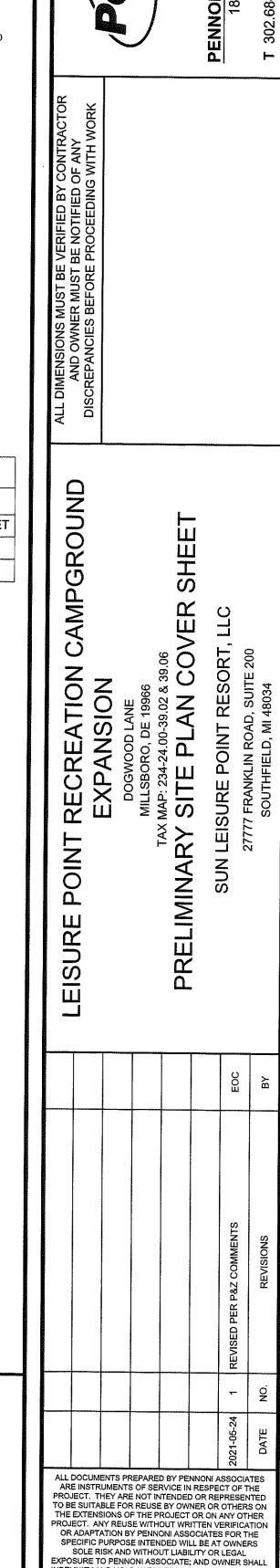
ALAN M. DECKTOR, PE (DEPENDING)

OWNER'S CERTIFICATION:
IT IS HEREBY CERTIFIED THAT I AM THE OWNER/DEVELOPER OF THE PROPERTY DESCRIBED AND SHOWN ON THIS PLAN. THE PLAN WAS MADE AT MY DIRECTION, THAT I ACKNOWLEDGE THE SAME TO BE MY ACT. IT IS MY DESIRE TO HAVE THE PLAN RECORDED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.

SUN LEISURE POINT RESORT, LLC
JOHN MCLAREN, PRESIDENT AND COO
27777 FRANKLIN ROAD, SUITE 200
SOUTHFIELD, MI 48034
248-208-2500
JMCLAREN@SUNCOMMUNITIES.COM



INDEX OF SHEETS					
SHEET # DRAWING # SHEET TITLE					
1	PP0001	PRELIMINARY SITE PLAN COVER SHEET			
2	PP1001	PRELIMINARY SITE PLAN			
3	PP1002	PRELIMINARY SITE PLAN NOTES			



PROVED BY AMD

PROVED BY AMD

SHEET 1 OF 3

IDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES

ATWEL19001

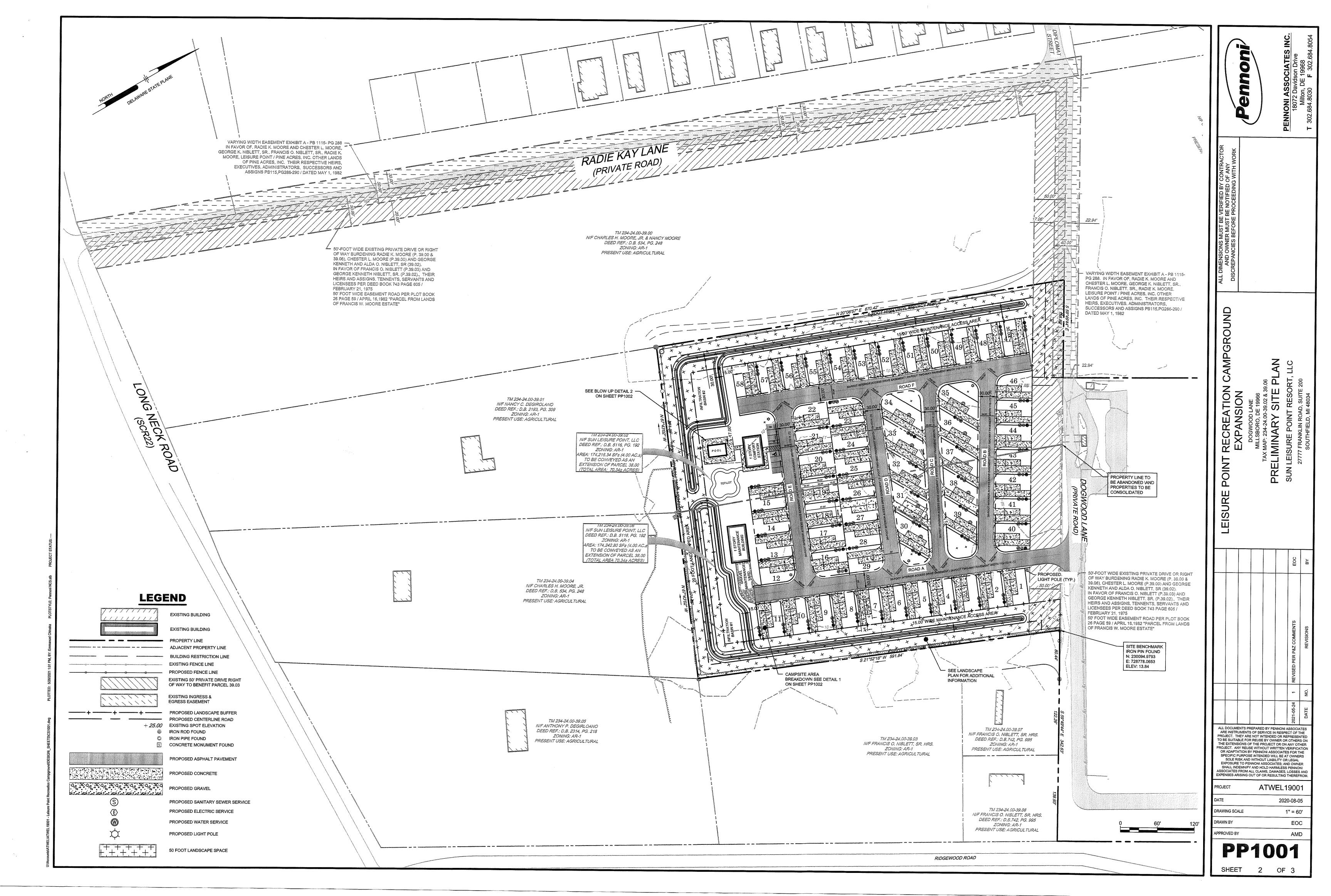
2020-08-05

AS SHOWN

FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT

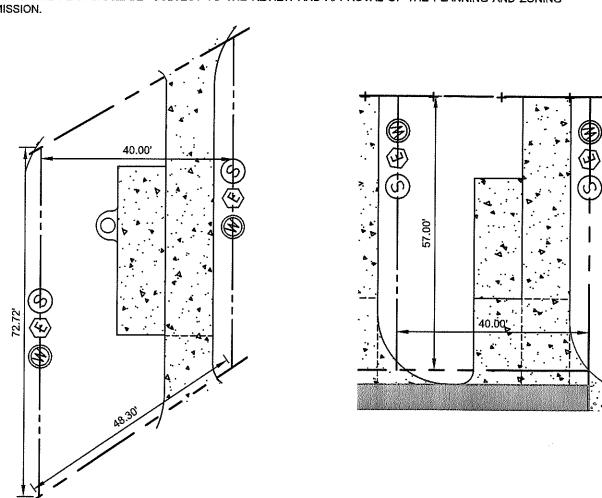
DRAWING SCALE



CONDITIONS OF APPROVAL, 2021-3-16

PRELIMINARY APPROVAL WAS GRANTED BY SUSSEX COUNTY PLANNING COMMISSION AT THEIR MEETING ON MARCH 16, 2021 SUBJECT TO THE FOLLOWING CONDITIONS:

- A. THERE SHALL BE NO MORE THAN 58 CAMPING OR RV SITES WITHIN THIS CONDITIONAL USE AREA. NO MORE THAN 6 GUESTS SHALL BE PERMITTED PER SITE. B. ALL ENTRANCES AND ROADWAY IMPROVEMENTS AND ANY OTHER DELDOT REQUIREMENTS SHALL BE
- COMPLETED AS REQUIRED BY DELDOT. C. THE CAMPGROUND SHALL BE CONNECTED TO SUSSEX COUNTY'S CENTRAL SEWER SYSTEM.
- D. THE CAMPGROUND SHALL BE CONNECTED TO A CENTRAL WATER SYSTEM FOR DOMESTIC USE AND FIRE E. STORMWATER MANAGEMENT AND SEDIMENT AND EROSION CONTROL FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE STATE AND COUNTY REQUIREMENT AND MAINTAINED USING BEST
- MANAGEMENT PRACTICES. THE FINAL SITE PLAN SHALL CONTAIN THE APPROVAL OF THE SUSSEX CONSERVATION DISTRICT THIS EXPANSION AREA SHALL BE SURROUNDED BY A 50-FOOT-WIDE LANDSCAPED BUFFER.
- G. EACH CAMPSITE SHALL BE PERMITTED TO HAVE ONE ACCESSORY BUILDING OF NO MORE THAN 64 SQUARE FEET WITH A MAXIMUM HEIGHT OF 10 FEET. THE ACCESSORY BUILDINGS SHALL BE OF UNIFORM DESIGN AND H. CAMPGROUND RESTRICTIONS SHALL BE SUBMITTED AS PART OF THE SITE PLAN REVIEW. THESE SHALL
- INCLUDE "QUIET HOURS" BETWEEN 11:00 PM AND 7:00 PM EACH DAY. I. ALL UNITS TO BE USED FOR THE PURPOSE OF HUMAN HABITATION ON CAMPSITES SHALL BE TENTS, TRAVEL TRAILERS, RECREATIONAL VEHICLES AND EQUIPMENT MANUFACTURED SPECIFICALLY FOR CAMPING
- PURPOSES. J. ALL LIGHTING SHALL BE DOWNWARD SCREENED SO THAT IT DOES NOT SHINE ON NEIGHBORING
- COMMUNITIES OR ROADWAYS. K. THE APPLICANT SHALL IDENTIFY ALL "DWELLING" IN THE VICINITY OF THE PROPERTY THAT REQUIRE A 400-FOOT BUFFER PURSUANT TO SECTION 115-172.H(3) OF THE SUSSEX COUNTY CODE. EXCEPT FOR THE DWELLINGS THAT ARE THE SUBJECT OF THE APPROVED VARIANCE IN BOARD OF ADJUSTMENT CASE NUMBER 12428, ALL CAMPSITES AND CABINS SHALL BE A MINIMUM OF 400 FEET FROM ANY DWELLING THAT EXISTS AT
- THE TIME OF FINAL SITE PLAN APPROVAL L. ALL CAMPSITES MUST BE 2000 SQUARE FEET IN SIZE AND AT LEAST 40 FEET WIDE.
- M. NO CABIN OR CAMPSITE SHALL HAVE DIRECT ACCESS TO ANY ROAD OUTSIDE OF THE BOUNDARIES OF THE CAMPGROUND. ACCESS TO THE CAMPGROUND SHALL BE GATED AND RESTRICTED SO THAT THE ONLY ACCESS SHALL BE FROM RADIE KAY LANE.
- N. THERE SHALL BE NO SALES OF CAMPSITES OR CAMPING UNITS, INCLUDING PARK MODELS, RVS. TRAVEL TRAILERS OR CABINS. O. THIS EXPANDED CAMPING AREA SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF SECTION 115-172.H,
- WITH THE EXCEPTION OF THE VARIANCE APPROVED IN BOARD OF ADJUSTMENT CASE NUMBER 12428. P. NO ENTERTAINMENT OR SIMILAR ORGANIZED ACTIVITIES SHALL BE PERMITTED IN THIS EXPANSION AREA OF THE CAMPGROUND
- Q. THE FINAL SITE PLAN SHALL INCLUDE THE CONDITIONS ESTABLISHED BY THIS CONDITIONAL USE NO. 2208 AND BY BOARD OF ADJUSTMENT CASE NUMBER 12428 R. THE FINAL SITE PLAN SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE PLANNING AND ZONING

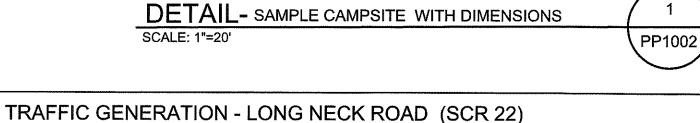


DETAIL- SAMPLE CAMPSITE WITH DIMENSIONS

EXISTING DISTRIBUTION

(FULL MOVEMENT)

DESIGN VEHICLE = SU-40



FUNCTIONAL CLASSIFICATION - SCR22 (LONG NECK RD.) - MAJOR COLLECTOR

ROAD TRAFFIC DATA:

POSTED SPEED LIMIT - 40 MPH

91 TRIPS	AADT = 11,726 TRIPS (FROM 2019 DELDOT TRAFFIC SUMMARY) DIRECTIONAL DISTRIBUTION ¹ 10 YEAR PROJECTED AADT= 1.16 x 11,726 TRIPS = 13,603 TRIPS 10 YEAR PROJECTED AADT + SITE ADT = 17,193 TRIPS TRAFFIC PATTERN GROUP = 8 (FROM 2019 DELDOT TRAFFIC SUMMARY) PEAK HOUR - 11.77% x 17,193 TRIPS = 2,024 TRIPS TRUCK VOLUME - 10.55% X 17,193 TRIPS = 1,814 TRIPS			
LONG NECK ROAD	SITE TRAFFIC DATA: SOURCE: ITE TRIP GENERATION MANUAL 10TH EDITION ²			
	EXISTING LAND USE: 2 VACANT FIELD TOTAL ADT FOR SITE = 0 TRIPS			
XISTING DIRECTIONAL DISTRIBUTION: 0% TO AND FROM THE EAST (335 TRIPS) (5)[21] ENTER & (11)[14] EXIT 0% TO AND FROM THE WEST (3,014 TRIPS) (49)[185] ENTER & (107)[127] EXIT OTAL ADT = 3,349 TRIPS (91 TRIPS AT DIRECT ENT. TO LONG NECK RD.) ITE TRUCK TRAFFIC = 167 TRIPS (5%)	622 LOTS = 622 UNITS (LEISURE POINT & LONG NECK VILLAGE) AVG. RATE: 5.00 X 622 = 3,110 TRIPS PEAK HOUR OF ADJACENT STREET TRAFFIC (DWELLING UNITS):			
PROPOSED DISTRIBUTION	AM: AVG. RATE - 0.26 = 162 TRIPS (WEEKDAY) [31% / 69%] (50 / 112) PM: AVG. RATE - 0.46 = 286 TRIPS (WEEKDAY) [62% / 38%] (177 / 109)			
91 TRIPS	SINGLE FAMILY DETACHED (ITE 210) 2 LOTS = 2 UNITS Ln(T) = .92Ln(X)+2.71= 28 TRIPS PEAK HOUR OF ADJACENT STREET TRAFFIC (DWELLING UNITS): AM: T = 0.71(X)+4.80 = 2 = 6 TRIPS (WEEKDAY) [25% / 75%] (1 / 5) PM: Ln(T) = 0.96Ln(X)+0.20 = 2 TRIPS (WEEKDAY) [63% / 37%] (1 / 1) 8,000 SF - SHOPPING CENTER (ITE 820) AVG. RATE = 37.75 X 8 = 302 TRIPS PEAK HOUR OF ADJACENT STREET TRAFFIC: (DENSE MULTI-USE URBAN)			

AM: AVG. RATE - 0.94 = 8 TRIPS (WEEKDAY) [62% / 38%] (5 / 3) 1,574 (53)[194] PM: Ln(T) = 0.74Ln(X)+2.89 = 84 TRIPS (WEEKDAY) [48% / 52%] (40 / 44) 30% LONG NECK ROAD ENTRANCE (91 TRIPS) LONG NECK ROAD PM: (12 / 13) 70% RADIE KAY LANE ENTRANCE (211 TRIPS) JOHN J. WILLIAMS HWY. AM: (3 / 2) (8,119 +/- LF) PROPOSED LAND USE:
CAMPGROUND / RECREATIONAL VEHICLE PARK (ITE 416) PROPOSED DIRECTIONAL DISTRIBUTION: 56 CAMPSITES = 56 UNITS 10% TO AND FROM THE EAST (350 TRIPS) (5)[22] ENTER & (12)[15] EXIT PM PEAK HR (15) X 10 = 150 TRIPS 90% TO AND FROM THE WEST (3,149 TRIPS) (53)[194] ENTER & (114)[133] EXIT PEAK HOUR OF ADJACENT STREET TRAFFIC (OCCUPIED CAMPSITES): AM: AVG. RATE - 0.21 = 12 TRIPS (WEEKDAY) [36% / 64%] (4 / 8) TOTAL ADT = 3,499 TRIPS (91 TRIPS AT DIRECT ENT. TO LONG NECK RD.) SITE TRUCK TRAFFIC = 175 TRIPS (5%) PM: AVG. RATE - 0.27 = 15 TRIPS (WEEKDAY) [65% / 35%] (10 / 6) TRAFFIC GENERATION DIAGRAM TOTAL OVERALL ADT = 3,590 TRIPS ADT PEAK HOUR (A.M.), ADT PEAK HOUR [P.M.] DIRECTIONAL DISTRIBUTION PROVIDED BY DELDOT DIRECTIONAL DISTRIBUTION PROVIDED BY ITE MANUAL

SECTION 115-172 H.

PARK OR CAMPGROUND FOR MOBILE CAMPERS, TENTS, CAMP TRAILERS, TOURING VANS AND THE LIKE, PROVIDED THAT:

- ACCESS SHALL BE FROM A PUBLIC HIGHWAY HAVING A WIDTH OF AT LEAST 50 FEET, THAT THE NUMBER AND LOCATION OF ACCESS DRIVESSHALL BE CONTROLLED FOR TRAFFIC SAFETY AND PROTECTION OF SURROUNDING PROPERTIES, THAT NO CAMPING OR TRAILER SPACE SHALL BE DESIGNED FOR DIRECT ACCESS TO A STREET OUTSIDE THE BOUNDARIES OF THE PARK AND THAT THE PRINCIPAL INTERIOR ACCESS DRIVES SHALL BE AT LEAST 30 FEET IN WIDTH AND MAINTAINED AT LEAST 20 FEET IN WIDTH.
- 2. THE TOPOGRAPHY OF THE SITE SHALL BE SUCH AS TO FACILITATE RAPID DRAINAGE AND THAT ADEQUATE DRAINING FACILITIES SHALL BE
- 3. EVERY SUCH AREA SHALL BE AT LEAST 400 FEET FROM ANY EXISTING DWELLING ON PROPERTY OF OTHER OWNERSHIP AND SHALL BE AT LEAST 100 FEET FROM ANY PUBLIC ROAD.
- 4. EACH CAMPSITE SHALL HAVE AN AREA OF AT LEAST 2,000 SQUARE FEET AND A WIDTH OF NOT LESS THAN 40 FEET. THE PARK WILL BE SURROUNDED BY A LANDSCAPED SPACE 50 FEET WIDE ALONG ALL BOUNDARIES. THE BUFFER STRIP SHALL REMAIN FREE OF ANY BUILDINGS OR STREETS. NO SITE SHALL BE OFFERED FOR SALE OR BE SOLD.
- 5. PROPER PROVISIONS SHALL BE MADE FOR PUBLIC WATER SUPPLY, TOILETS AND BATHING FACILITIES AND ELECTRIC CONNECTIONS.
- SMALL RETAIL BUSINESSES INTENDED PRIMARILY FOR OCCUPANTS OF THE PARK AREA SHALL BE PERMITTED WITHIN THE PARK AREA. GROCERY STORES, AUTOMATIC LAUNDRIES, BEAUTY SHOPS AND SIMILAR USES ARE APPROPRIATE.
- 7. PROPER PROVISION SHALL BE MADE FOR REFUSE STORAGE AND COLLECTION, SUBJECT AT ALL TIMES TO COUNTY REGULATIONS.
- 8. EACH CAMPGROUND OWNER MAY PROVIDE ONE ACCESSORY BUILDING ON EACH CAMPSITE TO BE USED FOR STORAGE PURPOSES ONLY AND WHICH SHALL NOT BE USED FOR ANY PURPOSE OF HUMAN HABITATION. EACH STRUCTURE SHALL BE NO MORE THAN 64 FEET IN AREA AND SHALL BE NO HIGHER THAN 10 FEET. FOR EACH CAMPGROUND WHERE THESE STRUCTURES ARE APPROVED, THEY SHALL BE OF UNIFORM DESIGN AND SIZE AND SHALL BE UNIFORMLY PLACED ON EACH CAMPSITE. THE PLACEMENT OF THE AFORESAID STRUCTURES AND THEIR DESIGN CHARACTERISTICS MUST BE APPROVED BY THE COMMISSION PRIOR TO ERECTION IN ANY CAMPGROUND. THIS SUBSECTION SHALL BE APPLICABLE TO ALL CONFORMING AND NONCONFORMING CAMPGROUNDS. [AMENDED 5-26-1992 BY ORD. NO. 831]
- WITH THE EXCEPTIONS OF STRUCTURES MENTIONED IN SUBSECTION H(8) ABOVE, THERE SHALL BE NO OTHER STRUCTURE OR MANUFACTURED HOME LOCATED ON ANY CAMPSITE WITHIN A CAMPGROUND. ALL UNITS TO BE USED FOR THE PURPOSE OF HUMAN HABITATION SHALL BE TENTS, TRAVEL TRAILERS, RECREATIONAL VEHICLES AND EQUIPMENT MANUFACTURED SPECIFICALLY FOR CAMPING PURPOSES. FOR THE PURPOSE OF A RESIDENCE AND/OR OFFICE FOR THE PARK MANAGER, THERE MAY BE ONE STRUCTURE OR MANUFACTURED HOME WITHIN THE [AMENDED 10-12-2010 BY ORD. NO. 2152; 10-12-2010 BY ORD. NO. 2152]

DELDOT RECORD NOTES, 3-21-2019:

- 1. ALL ENTRANCES SHALL CONFORM TO THE DELAWARE DEPARTMENT OF TRANSPORTATION'S (DELDOT'S) CURRENT DEVELOPMENT COORDINATION MANUAL (DCM) AND SHALL BE SUBJECT TO ITS APPROVAL.
- . NO LANDSCAPING SHALL BE ALLOWED WITHIN THE RIGHT-OF-WAY UNLESS THE PLANS ARE COMPLIANT WITH SECTION 3.7 OF THE DEVELOPMENT COORDINATION MANUAL. 3. SHRUBBERY, PLANTINGS, SIGNS AND/OR OTHER VISUAL BARRIERS THAT COULD OBSTRUCT THE SIGHT DISTANCE OF A
- DRIVER PREPARING TO ENTER THE ROADWAY ARE PROHIBITED WITHIN THE DEFINED DEPARTURE SIGHT TRIANGLE AREA ESTABLISHED ON THIS PLAN. IF THE ESTABLISHED DEPARTURE SIGHT TRIANGLE AREA IS OUTSIDE THE RIGHT-OF-WAY OR PROJECTS ONTO AN ADJACENT PROPERTY OWNER'S LAND, A SIGHT EASEMENT SHOULD BE ESTABLISHED AND RECORDED WITH ALL AFFECTED PROPERTY OWNERS TO MAINTAIN THE REQUIRED SIGHT DISTANCE. UPON COMPLETION OF THE CONSTRUCTION OF THE SIDEWALK OR SHARED-USE PATH ACROSS THIS PROJECTS FRONTAGE AND PHYSICAL CONNECTION TO ADJACENT EXISTING FACILITIES, THE DEVELOPER, THE PROPERTY OWNERS
- OR BOTH ASSOCIATED WITH THIS PROJECT, SHALL BE RESPONSIBLE TO REMOVE ANY EXISTING ROAD TIE-IN CONNECTIONS LOCATED ALONG ADJACENT PROPERTIES, AND RESTORE THE AREA TO GRASS. SUCH ACTIONS SHALL BE COMPLETED AT DELDOT'S DISCRETION, AND IN CONFORMANCE WITH DELDOT'S DEVELOPMENT COORDINATION MANUAL.
- PRIVATE STREETS CONSTRUCTED WITHIN THIS SUBDIVISION SHALL BE MAINTAINED BY THE DEVELOPER, THE PROPERTY OWNERS WITHIN THIS SUBDIVISION OR BOTH (TITLE 17 §131). DELDOT ASSUMES NO RESPONSIBILITIES FOR THE FUTURE MAINTENANCE OF THESE STREETS.
- THE SHARED USE PATH AND SIDEWALK SHALL BE THE RESPONSIBILITY OF THE DEVELOPER, THE PROPERTY OWNER OR BOTH WITHIN THIS SUBDIVISION OR BOTH (TITLE 17 § 131). DELDOT ASSUMES NO RESPONSIBILITIES FOR THE FUTURE MAINTENANCE OF THE SHARED-USE PATH.
- DRIVEWAYS WILL NOT BE PERMITTED TO BE PLACED AT CATCH BASIN LOCATIONS. TO MINIMIZE RUTTING AND EROSION OF THE ROADSIDE DUE TO ON-STREET PARKING, DRIVEWAY AND BUILDING
- LAYOUTS MUST BE CONFIGURED TO ALLOW FOR VEHICLES TO BE STORED IN THE DRIVEWAY BEYOND THE RIGHT-OF-WAY, WITHOUT INTERFERING WITH SIDEWALK ACCESS AND CLEARANCE. THE DEVELOPER SHALL BE REQUIRED TO FURNISH AND PLACE RIGHT-OF-WAY MONUMENTS IN ACCORDANCE WITH DELDOT'S DEVELOPMENT COORDINATION MANUAL.

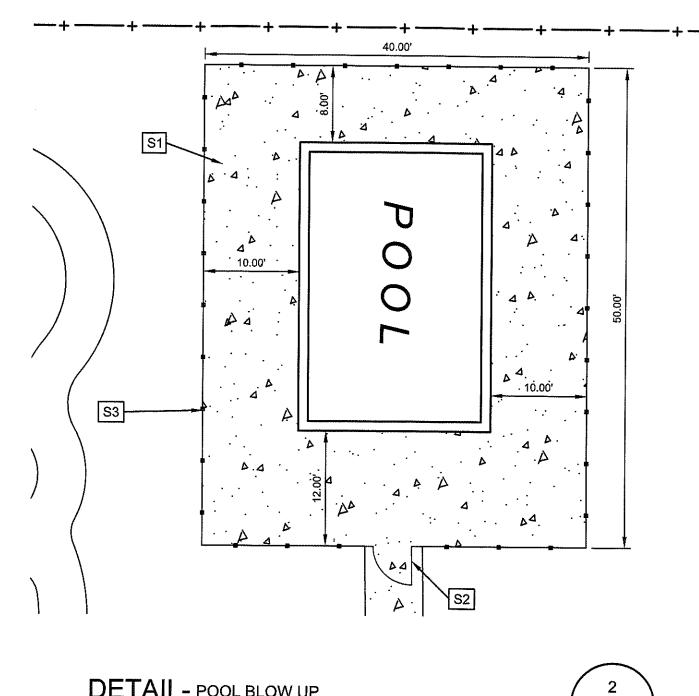
10. THE DEVELOPER SHALL BE REQUIRED TO FURNISH AND PLACE RIGHT-OF-WAY MARKERS TO PROVIDE A PERMANENT REFERENCE FOR RE-ESTABLISHING THE RIGHT-OF-WAY AND PROPERTY CORNERS ON LOCAL AND HIGHER ORDER FRONTAGE ROADS. RIGHT-OF-WAY MARKERS SHALL BE SET AND/OR PLACED ALONG THE FRONTAGE ROAD RIGHT-OF-WAY AT PROPERTY CORNERS AND AT EACH CHANGE IN RIGHT-OF-WAY ALIGNMENT IN ACCORDANCE WITH SECTION 3.2.4.2 OF THE DEVELOPMENT COORDINATION MANUAL.

CAMPSITE#	MIN. WIDTH	MIN. DEPTH	LOT AREA	CAMPSITE#	MIN. WIDTH	MIN, DEPTH	LOT AREA
1	40.0'	57.0'	2280.0 SF	30	40.0'	53.2'	2370.6 SF
2	40.0'	57.0'	2280.0 SF	31	40.0'	64.2'	2566.6 SF
3	40.0'	57.0'	2280.0 SF	32	40.0'	66.4'	2747.3 SF
4	40.0'	57.0'	2280.0 SF	33	40.0'	70.9'	2927.9 SF
5	40.0'	57.0'	2280.0 SF	34	40.0'	75.4'	2926.7 SF
6	40.0'	57.0'	2280.0 SF	35	40.0'	72.7'	2840.0 SF
7	40.0'	57.0'	2280.0 SF	36	40.0'	68.7'	2829.0 SF
8	40.0'	57.0'	2280.0 SF	37	40.0'	64.7'	2669.9 SF
9	40.0'	57.0'	2280.0 SF	38	40.0'	60.8'	2510.7 SF
10	40.0'	57.0'	2280.0 SF	39	40.0'	56.8'	2351.6 SF
11	40.0'	57.0'	2280.0 SF	40	41.0'	57.0°	2488.3 SF
12	40.0'	57.0'	2218.0 SF	41	40.0'	57.0'	2280.0 SF
13	40.0'	57.0'	2280.0 SF	42	40.0'	57.0'	2280.0 SF
14	40.0'	57.0'	2280.0 SF	. 43	40.0'	57.0'	2280.0 SF
15	40.0'	57.0'	2280.0 SF	44	40.0'	57.0'	2280.0 SF
16	40.0'	57.0'	2218.0 SF	45	40.0'	57.0'	2280.0 SF
17	40.0'	57.0'	2280.0 SF	46	41.4'	57.0'	2465.9 SF
18	40.0'	57.0'	2280.0 SF	47	40.0'	57.0'	2280.0 SF
19	40.0'	57.0'	2280.0 SF	48	40.0'	57.0'	2280.0 SF
20	40.0'	57.0'	2280.0 SF	49	40.0'	57.0'	2280.0 SF
21	40.0'	57.0'	2280.0 SF	50	40.0'	57.0'	2280.0 SF
22	40.0'	57.0'	2226.8 SF	51	40.0'	57.0'	2280.0 SF
23	40.0'	57.0'	2258.5 SF	52	40.0'	56.7'	2279.1 SF
24	40.0'	57.0'	2280.0 SF	53	40.0'	54.8'	2230.8 SF
25	40.0'	57.0'	2280.0 SF	54	40.0'	53.6'	2162.3 SF
26	40.0'	57.0'	2280.0 SF	55	40.0'	52.8'	2126.6 SF
27	40.0'	57.0'	2280.0 SF	56	40.0'	52.4'	2099.8 SF
28	40.0'	57.0'	2280.0 SF	57	40.0'	52.4'	2096.6 SF
29	40.0'	57.0'	2218.0 SF	58	40.0'	52.4'	2096.6 SF

CAMPSITE BREAKDOWN

GENERAL NOTES:

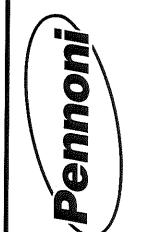
- 1. THIS SITE WILL BE CONSTRUCTED AS A SINGLE PHASE.
- THIS PLAN DOES NOT VERIFY THE EXISTENCE, OR NONEXISTENCE, OF EASEMENT OR RIGHT OF WAYS CROSSING THE SUBJECT
- BASED UPON FLOOD INSURANCE RATE MAP (FIRM) NUMBER 10005C0343K, DATED MARCH 16TH, 2015, THE PROPERTY IS LOCATED IN AN AREA DESIGNATED AS FLOOD ZONE 'X', UNSHADED, WHICH IS AN AREA DETERMINED TO BE OUTSIDE THE 500
- THERE ARE NO WETLANDS ON THE SITE.
- THE BOUNDARY INFORMATION SHOWN ON THIS PLAT WAS TAKEN FROM DEED BOOK 5116, PAGE 192 AND IS THE RESULT OF AN ACTUAL FIELD SURVEY BY PENNONI ASSOCIATES, INC. DATE OF SURVEY: DECEMBER 30, 2019. BEARING SYSTEM HAS BEEN ADJUSTED TO DELAWARE STATE PLANE, NAD83.
- THE ENTRANCE AGREEMENT INFORMATION SHOWN ON THIS PLAT WAS TAKEN FROM DEED BOOK 1115, PAGE 286. BEARING SYSTEM HAS BEEN ADJUSTED TO DELAWARE STATE PLANE, NAD83.
- THE 50' ACCESS AGREEMENT EASEMENT INFORMATION SHOWN ON THIS PLAT WAS TAKEN FROM DEED BOOK 743, PAGE 605. BEARING SYSTEM HAS BEEN ADJUSTED TO DELAWARE STATE PLANE, NAD83
- THIS SURVEY DOES NOT VERIFY TO THE LOCATION AND/OR EXISTENCE OF EASEMENTS OR RIGHTS OF WAY CROSSING SUBJECT PROPERTY AS NO TITLE SEARCH WAS REQUESTED OR PROVIDED.
- 9. TOPOGRAPHICAL SURVEY PERFORMED BY PENNONI ASSOCIATES, INC. MILTON, DE, DATED AUGUST 2020
- 10. DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL WORK MUST BE PERFORMED IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED AND ALL RULES AND REGULATIONS
- 11. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO LOCATE PROPERTY LINES AND RIGHT OF WAY LINES PRIOR TO CONSTRUCTION AND AVOID CONSTRUCTION ACTIVITIES ON PRIVATE PROPERTY AND/OR RIGHTS OF WAYS WHERE SAID CONSTRUCTION IS PROHIBITED. THE CONTRACTOR MAY CONDUCT CONSTRUCTION ACTIVITIES ON PRIVATE PROPERTY PROVIDED IF HE HAS OBTAINED PRIOR WRITTEN PERMISSION FROM THE PROPERTY OWNER AND HAS SUBMITTED A COPY OF SAID WRITTEN PERMISSION TO THE OWNER.
- 12. FINAL SET OF APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES. FAILURE TO COMPLY WITH THIS PROVISION SHALL BE CONSIDERED CAUSE TO STOP THE WORK.
- 13. THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF CONTRACT DRAWINGS ON WHICH HE SHALL NOTE, IN RED, THE ALIGNMENTS AND INVERTS OF ALL UNDERGROUND UTILITIES INSTALLED OR ENCOUNTERED DURING THE PROSECUTION OF THE WORK. ALL DISCREPANCIES BETWEEN THE PLAN LOCATIONS AND ELEVATIONS OF BOTH THE EXISTING AND PROPOSED UTILITIES SHALL BE SHOWN ON THE AS-BUILT DRAWINGS TO BE MAINTAINED BY THE CONTRACTOR IN THE FIELD.
- 14. THE CONTRACTOR SHALL OPEN ONLY THAT SECTION OF TRENCH OR ACCESS PITS WHICH CAN BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY. STEEL PLATES SHALL BE USED ON ANY TRENCH OR ACCESS PITS WHICH MUST REMAIN OPEN OVERNIGHT. THIS REQUIREMENT DOES NOT APPLY TO AREAS COMPLETELY CLOSED AND SECURE FROM VEHICULAR OR PEDESTRIAN TRAFFIC
- 15. THE CONTRACTOR SHALL USE ONLY NEW MATERIALS, PARTS, AND PRODUCTS. ALL MATERIALS SHALL BE STORED SO AS TO ASSURE THE PRESERVATION OF THEIR QUALITY AND FITNESS FOR THE INTENDED WORK.
- 16. ROUTINE PERIODIC INSPECTIONS DURING CONSTRUCTION WILL BE PROVIDED BY THE OWNER. THESE INSPECTIONS DO NOT RELIEVE THE CONTRACTOR FROM HIS OBLIGATION AND RESPONSIBILITY FOR CONSTRUCTING ALL WORK IN STRICT ACCORDANCE WITH ALL STANDARDS AND SPECIFICATIONS AND CONSTRUCTION DOCUMENTS.
- 17. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION. THE CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY AND PROTECTION.
- 18. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING, TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION: - THE OWNER - SUSSEX CONSERVATION DISTRICT
- 19. THE CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL MEASURES TO PROTECT STOCKPILE AREAS AND STORAGE AREAS. ALL AREAS USED BY THE CONTRACTOR FOR STAGING OPERATIONS SHALL BE FULLY RESTORED BY THE CONTRACTOR UPON COMPLETION OF THE PROJECT. IF THE STAGING AREA IS PAVED, IT SHALL BE RESTORED TO ITS ORIGINAL CONDITION. IF THE STAGING AREA IS UNPAVED, IT SHALL BE RE-GRADED, TOPSOILED, SEEDED AND MULCHED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH RESTORATION OF THE STAGING AREA SHALL BE AT THE CONTRACTOR'S EXPENSE. IF THE ENGINEER DETERMINES THAT A SATISFACTORY STAND OF GRASS DOES NOT EXIST AT THE TIME OF FINAL INSPECTION, ALL COSTS ASSOCIATED WITH RE-ESTABLISHING A SATISFACTORY STAND OF GRASS SHALL BE AT THE CONTRACTOR'S
- 20. EQUIPMENT AND/OR STOCKPILE MATERIAL SHALL NOT BE STORED IN THE DRIPLINE AREA OF ANY TREE.
- 21. THE CONTRACTOR SHALL PROVIDE TEMPORARY SEED AND MULCH FOR ALL AREAS WHERE SOIL IS EXPOSED AND SILT FENCE IS NOT SPECIFIED, BY THE CLOSE OF EACH BUSINESS DAY.
- 22. THE CONTRACTOR SHALL MAINTAIN PUBLIC ROADS AND STREETS IN A BROOM SWEPT CONDITION AT ALL TIMES.



DETAIL- POOL BLOW UP PP1002

KEYED NOTES

S1 POOL AND CONCRETE DECK 4' HIGH POOL GATE TO HAVE PANIC GATE DEVICE. 4' HIGH PERIMETER BLACK ALUMINUM FENCE.



ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES

ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTE TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AN

ATWEL19001 2020-08-05 RAWING SCALE DRAWN BY

EXPENSES ARISING OUT OF OR RESULTING THEREFROM

PLANT SCHEDULE SPACING CONT. HT **BOTANICAL NAME** COMMON NAME **KEY** TREES AS SHOWN 1.5" CAL. WHITE OAK QUERCUS BICOLOR 24 AS SHOWN B&B 1.5" CAL WILLOW OAK QUERCUS PHELLOS 38 QP B&B AS SHOWN 1.5" CAL RED MAPLE ACER RUBRUM AR 35 AS SHOWN B&B EASTERN REDBUD 1.5" CAL. CERCIS CANADENSIS 31 CC AS SHOWN B&B FLOWERING DOGWOOD 1.5" CAL' CORNUS FLORIDA 32 CF AS SHOWN 5' HGT B&B NORWAY SPRUCE PICEA ABIES 29 РΑ AS SHOWN B&B 5' HGT PINUS STROBUS WHITE PINE 46 PS *NOTE - USE PLANT SYMBOLS RESPECTIVELY TO IDENTIFY LOCATION OF PLANTS ON PLAN - EXISTING VEGETATION TO BE UTILIZED AS MUCH AS POSSIBLE PROPOSED 6 FOOT HIGH-LANDSCAPE LEGEND VINYL PRIVACY FENCE PROPOSED DESCRIPTION LARGE DECIDUOUS SHADE TREE (QP) LARGE DECIDUOUS SHADE TREE (AR) PROPOSED 6 FOOT HIGH VINYL PRIVACY FENCE SAN MANHOLE — RJM = 9.98 JNV IN = 4.78 JNV IN = 4.69 0 LARGE DECIDUOUS SHADE TREE (QB) MEDIUM DECIDUOUS TREE (CF) MEDIUM DECIDUOUS TREE (CC) – EX. SAN MANHOLE FIM = 10.82 / INV IN = 3,87 (8") INV IN = 3.92 (8") MEDIUM/LARGE CONIFEROUS TREE (PA) INVAGUT=3.88 (2")-MEDIUM/LARGE CONIFEROUS TREE (PS) LEGEND 20' LANDSCAPE BÜFFER EXISTING BUILDING EXISTING BUILDING — EX. SAN MANHOLE RIM = 11.05INV IN = 4.69 (8")INV IN = 4.68 (6")ADJACENT PROPERTY LINE INV OUT = 4.63 (8") BUILDING RESTRICTION LINE EXISTING FENCE LINE EXISTING WOODS EXISTING 50' PRIVATE DRIVE RIGHT OF WAY TO BENEFIT PARCEL 39.03 EXISTING INGRESS & EGRESS EASEMENT ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROPOSED LANDSCAPE BUFFER ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM PROPOSED CENTERLINE ROAD + 25.00 EXISTING SPOT ELEVATION IRON ROD FOUND IRON PIPE FOUND SITE BENCHMARK CONCRETE MONUMENT FOUND 20' LANDSCAPE BUFFER IRON PIN FOUND N: 230094.9793 E: 728778.0653 ELEV: 13.84 PROPOSED ASPHALT PAVEMENT EXPENSES ARISING OUT OF OR RESULTING THEREFROM PROPOSED CONCRETE LANDSCAPE CERTIFICATION: I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED UNDER MY - PROPOSED 6 FOOT HIGH PROPOSED GRAVEL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLIES WITH DRAWING SCALE VINYL PRIVACY FENCE THE APPLICABLE REGULATIONS AND LAWS OF THE STATE OF **EXISTING WOODS** PROPOSED SANITARY SEWER SERVICE DELAWARE. DRAWN BY PROPOSED ELECTRIC SERVICE PROPOSED WATER SERVICE DATE ERIC W. WAHL, RLA (DE# \$1-0000409) EXISTING WOODS PENNONI ASSOCIATES INC. 18072 DAVIDSON DRIVE MILTON, DE 19968

ATWEL19001

2020-08-05

EWW

LANDSCAPE NOTES

- 1. ALL PLANTS TO BE TRUE TO SPECIES, IN A RIGOROUS STATE OF GROWTH, MEET WITH THE LATEST STANDARDS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, AND BE FREE OF INSECTS, PESTS AND DISEASES. NO MATERIAL SUBSTITUTIONS ARE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT
- 2. CONTRACTOR SHALL OBTAIN A DIGITAL FILE FROM LANDSCAPE ARCHITECT AS NEEDED TO PROPERLY STAKE OUT
- 3. REFER TO PROJECT SPECIFICATIONS FOR ALL REQUIREMENTS AND SUBMITTALS NOT COVERED IN THESE NOTES,
- 4. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE PLANS, NOTES, AND SPECIFICATIONS.
- 5.1. NATIVE SHREDDED HARDWOOD MIXED WITH NATIVE LEAF LITTER. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR
- APPROVAL. 5.2. APPLY 1-2" DEPTH OF FINELY SHREDDED MULCH OVER GROUNDCOVER AND PERENNIAL BEDS.
 5.3. APPLY 2-3" DEPTH MULCH OVER SHRUB BEDS AND INSIDE SHRUB SAUCER RINGS.
- 5.4. APPLY 4-5" DEPTH MULCH INSIDE TREE SAUCER RINGS.

FINE GRADING:

FINE GRADE ALL GROUNDCOVER AND SHRUB BED PRIOR TO PLANTING. HAND GRADE ALL PROPOSED LAWN AREAS PRIOR TO HYDRO SEEDING OR LAYING SOD. REMOVE ALL ROCKS, CLUMPS, AND FOREIGN DEBRIS GREATER THAN 2.11 DIAMETER.

CONTRACTOR SHALL OBTAIN SOILS TESTS FROM THE DELAWARE DEPARTMENT OF AGRICULTURE EXTENSION OFFICE (OR EQUAL) AND FURNISH A COPY OF SAID REPORT TO LANDSCAPE ARCHITECT. PRE COUNTY REQUIREMENTS. 6" MINIMUM TOPSOIL SHALL BE PROVIDED THROUGHOUT THE SITE. PROVIDE 12" DEPTH TOP SOIL FOR ALL GROUNDCOVER PERENNIAL AND SEASONAL PLANTING BEDS. PROVIDE 18" DEPTH TOP SOIL FOR ALL TREE AND SHRUB

8. PLANT PITS AND BACKFILL:

- 8.1. ALL TREE PITS TO BE A MINIMUM OF 2.5 TIMES THE WIDTH OF THE ROOT BALL AND SHRUB PITS TO BE A MINIMUM OF 2 TIMES THE WIDTH OF THE CONTAINER OR ROOT BALL
- 8.2. CONTRACTOR SHALL PERFORM A 24 HOUR PERK TEST ON TREE PITS. WATER SHOULD DRAIN FREELY FROM THE HOLE WITHIN A 24 HOUR PERIOD.
- 8.3. SET TREE AND PIT DEPTH SUCH THAT THE TRUNK COLLAR OR WET LINE MATCHES THAT OF THE PROPOSED FINISH GRADE. IN POOR DRAINING SOILS CONDITIONS, SET TOPS OF ROOT BALLS APPROXIMATELY 2" ABOVE PROPOSED
- 8.4. FOR BALLED AND BURLAPPED TREES, REMOVE THE TOP \$ OF THE ROOT BALL CAGE PRIOR TO BACKFILL. REMOVE ALL TWINE AND TIES FROM THE TRUNK OF THE TREE.
- 8.5. STANDARD PIT BACKFILL SHALL CONSIST OF \$\frac{1}{2}\$ NATIVE SOIL, \$\frac{1}{4}\$ COMPOST, AND \$\frac{1}{4}\$ SPHAGNUM PEAT MOSS MIXED LIBERALLY TOGETHER. FOR POORLY DRAINING NATIVE SOIL CONDITIONS, PIT BACKFILL SHALL CONSIST OF \$\frac{1}{2}\$ NATIVE SOIL, 1 COMPOST, AND 1 SAND MIXED LIBERALLY. ADJUST STANDARD FILL MATERIAL MIX WHERE STRUCTURAL SOILS
- 8.6. AROUND EACH TREE SHAPE A 5-6" TALL SOIL SAUCER RING WITH THE INSIDE RING DIAMETER 12" WIDER THAN THE ROOT BALL. AROUND EACH SHRUB, SHAPE A 3-4" TALL SOIL SAUCER RING WITH AN INSIDE DIAMETER OF 8" WIDER
- 8.7. SETTLE TREE AND SHRUB PIT BACKFILL BY WATERING THE INTERIOR OF SAUCER RING TWICE BEFORE MULCHING.

- ALL TREES GREATER THAN 1.75" IN CALIPER OR 6' IN HEIGHT SHALL BE STAKED OR GUYED AS SHOWN IN DETAILS. LASSO TIES SHALL BE OF 1-1/4" WIDE NYLON STRAPS OR OF FLEXIBLE PLASTIC THAT WILL NOT CHAFE. SCAR OR DAMAGE TREE LIMBS. STAKE AND GUY CHORDS SHALL BE FLAGGED OR COVERED WITH APPROPRIATE MATERIALS SO THAT THEY ARE READILY VISIBLE. PROVIDE THREE (3) STAKES OR GUYS MINIMUM PER TREE, SPACED EQUALLY ABOUT THE TRUNK BASE. TWO (2) STAKES MINIMUM MAY BE USED IN NARROW, WIND-SHELTERED AREAS WHERE STANDARD STAKING OR GUYING WILL CANNOT FIT. CONTRACTOR SHALL REMOVE ALL STAKING AND GUYING MATERIALS AFTER ONE COMPLETE GROWING SEASON. ALTERNATIVE STAKING METHODS PROPOSED MUST BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL.
- FERTILIZERS FOR LAWNS, BEDS, AND TREE & SHRUB PITS SHALL BE DETERMINED THOUGH THIRD PARTY SOILS TESTING FURNISHED BY THE CONTRACTOR. CONTRACTOR SHALL SUBMIT SOILS TEST RESULTS AND PROPOSED FERTILIZER PRODUCT(S) SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR APPROVAL.

THE LANDSCAPE PLAN HAS BEEN PREPARED WITH EXISTING AND PROPOSED GRADIENT DATA PER THE CIVIL ENGINEER. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN EXISTING CONDITIONS OR PROPOSED GRADING THAT WOULD COMPROMISE THE PROPER INSTALLATION AND POSITIVE DRAINAGE OF PROPOSED LANDSCAPE PLANTINGS AND/OR SITE ELEMENTS.

THE LIMIT OF SEEDING SHALL EXTEND TO ALL NON SODDED AREAS DISTURBED BY CONSTRUCTION. CONTRACTOR SHALL SUBMIT APPROPRIATE NATIVE GRASS SEED MIX(ES) SPECIFICATIONS TO LANDSCAPE ARCHITECT FOR APPROVAL. AREA SEEDING SHALL BE AT A RATE OF APPROXIMATELY 1 LBS PER 2000 SF OR PER SEED MIX RECOMMENDATIONS TO ACHIEVE THE DESIRABLE PLS APPLICATION RATE. ALL SEED AREA SHALL APPLIED WITH HYDROMULCH OR WITH OTHER TACKIFYING METHODS TO ENSURE SOIL STABILITY THROUGH TO GERMINATION AND ESTABLISHMENT OF THE SEEDED AREA.

13. MAINTENANCE PERIOD AND GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS THROUGH ONE COMPLETE GROWING SEASON AFTER INITIAL PLANTING. NURSERY PLANT SELECTION MAY BE COORDINATED WITH LANDSCAPE ARCHITECT, BUT SHALL NOT EXEMPT CONTRACTOR FROM MAINTENANCE PERIOD RESPONSIBILITIES AND GUARANTEES. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT 2 WEEKS IN ADVANCE TO SCHEDULE AN APPOINTMENT FOR FIELD SELECTION OF

14. QUALIFICATIONS, INSPECTIONS, AND APPROVALS:

A STATEMENT OF QUALIFICATION SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT AND OWNER AT BID SUBMISSION. BONDING: AT OWNER'S DISCRETION, BONDING MAY BE REQUIRED BY THE CONTRACTOR, OR PROOF OF BONDABLE STATUS. REFER TO SPECIFICATIONS FOR LANDSCAPE INSPECTIONS SCHEDULE AND MATERIALS TESTING NOT COVERED IN THESE NOTES. RESULTS FROM ALL REQUIRED MATERIALS TESTING TO BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. A NOTICE OF FINAL ACCEPTANCE SHALL BE ISSUED TO CONTRACTOR BY THE LANDSCAPE ARCHITECT UPON LANDSCAPE ARCHITECT AND OWNER APPROVAL OF ALL REQUIRED TESTING, MOCK-UPS AND SAMPLES, AND THE SATISFACTORY COMPLETION OF ALL LANDSCAPE CONSTRUCTION PUNCH-LIST ITEMS AND SUBMISSION OF WRITTEN GUARANTEES. A NOTICE OF CONDITIONAL ACCEPTANCE MAY BE ISSUED IN LIEU OF A FINAL ACCEPTANCE NOTICE BY LANDSCAPE ARCHITECT AT THE OWNER'S DISCRETION AND UNDER THE OWNER'S

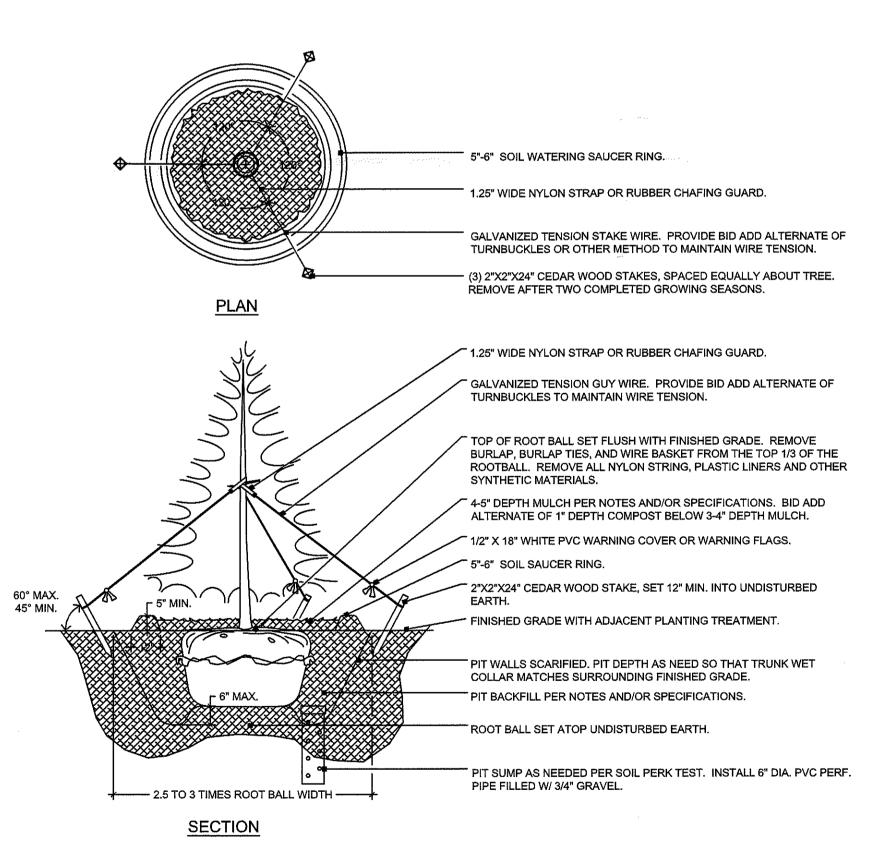
15. PER SUSSEX COUNTY ZONING ORDINANCE NO. 1984 SECTION 99-5 - FORESTED AND/OR LANDSCAPE BUFFER STRIP A. A MINIMUM TOTAL OF 15 TREES PER EVERY 100' OF STRIP 70% DECIDUOUS SPECIES 30% EVERGREEN SPECIES

16. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN "AMERICAN STANDARDS FOR NURSERY STOCK".

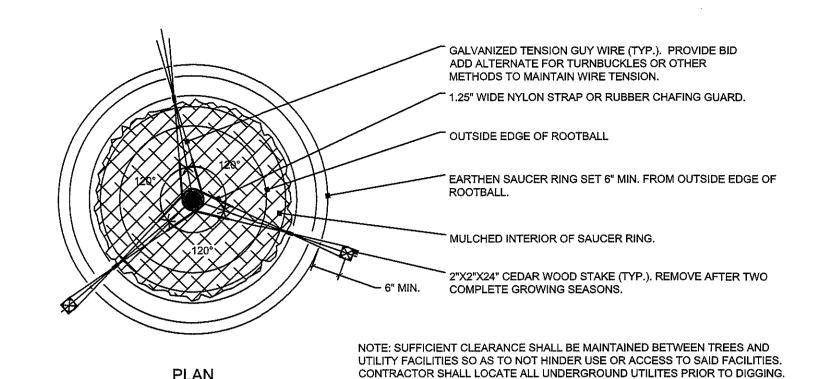
- 17. CONTRACTOR SHALL BE REQUIRED TO GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR AFTER INSTALLATION IS COMPLETE AND FINAL ACCEPTANCE OF PHASE I SITE WORK HAS BEEN GIVEN. AT THE END OF ONE YEAR ALL PLANT MATERIAL WHICH IS DEAD OR DYING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AS
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS. CONTRACTOR TO VERIFY "AS BUILT" LOCATION OF
- 19. NO SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL OF THE OWNER.
- 20. ALL AREAS NOT STABILIZED IN PAVING OR PLANT MATERIALS SHOULD BE SEEDED AND MULCHED. (SEE EROSION &
- 21. EVERGREEN TREES SHALL HAVE A FULL, WELL-BRANCHED, CONICAL FORM TYPICAL OF THE SPECIES.
- 22. ALL DECIDUOUS SHADE TREES SHALL BRANCH A MINIMUM OF 12'-0" ABOVE GROUND LEVEL. TREES SHALL BE PLANTED AND STAKED IN ACCORDANCE WITH THE STAKING DETAIL SHOWN.
- 23. THE FULL EXTENT OF ALL PLANTING BEDS SHALL RECEIVE 4" OF TOPSOIL AND 3" OF BARK MULCH PER SPECIFICATIONS.
- 24. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTINGS SHOWN ON THIS DRAWING AND AS SPECIFIED.

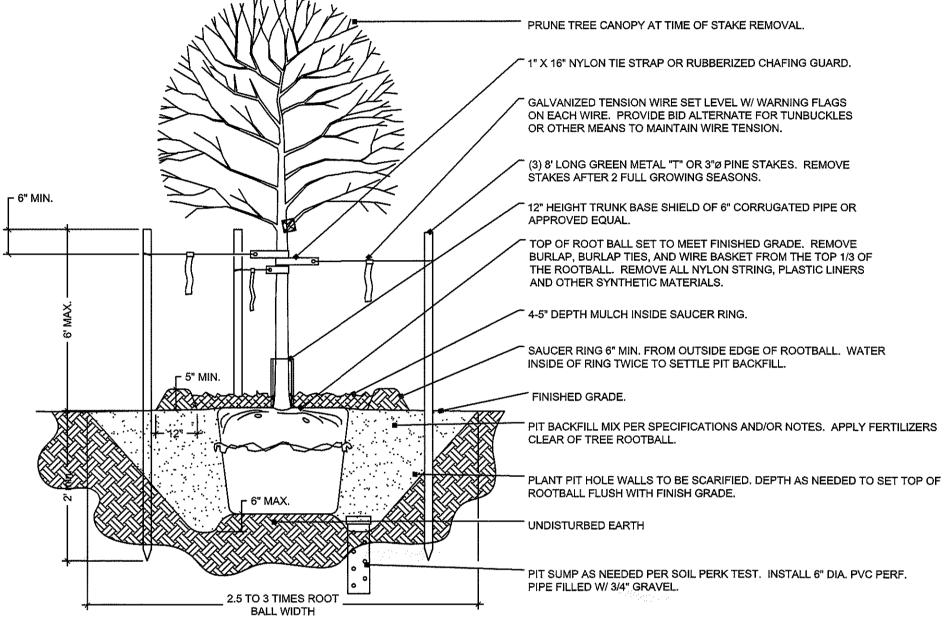
MAINTENANCE. REPLACEMENT, OR EXTENSION.

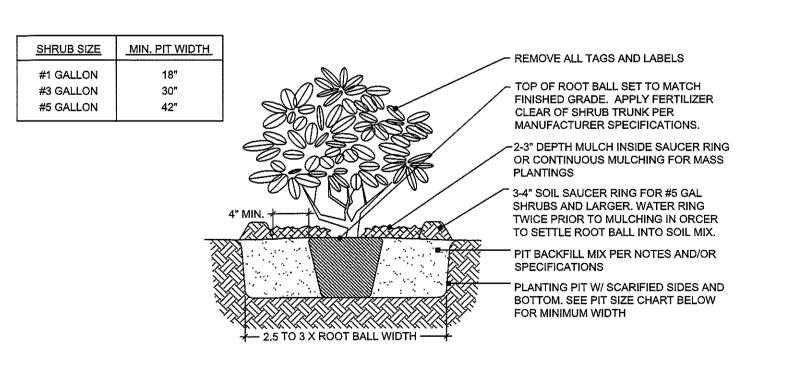
- 25. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE
- 26. THE CONTRACTOR IS EXPECTED TO MAINTAIN PLANTINGS, INCLUDING WATERING ALL PLANTS ANY TIME FROM APRIL TO
- DECEMBER WHEN NATURAL RAINFALL IS LESS THAN ONE INCH PER WEEK. 27. THE DEVELOPER OR HOME OWNERS ASSOCIATION SHALL BEAR THE RESPONSIBILITY OF REPLACING ANY LANDSCAPING WITHIN SUSSEX COUNTY SEWER EASEMENTS THAT IS DESTROYED OR DAMAGED DUE TO SEWER SYSTEM
- 28. IF APPLICABLE, THE ACTUAL STREET TREE LOCATION SHALL BE COORDINATED DURING LOT CONSTRUCTION. STREET TREES SHALL BE LOCATED WITHIN A 20 FEET OF THE LOCATION SHOWN ON THE PLANS. A 10-FOOT HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM ALL WATER AND SEWER LATERALS.
- 29. ALL DECIDUOUS TREES THAT ARE PLANTED TO ESTABLISH THE BUFFER PLANTINGS SHALL HAVE A MINIMUM CALIPER OF 1.5 INCHES AND A MINIMUM HEIGHT OF SIX FEET ABOVE GROUND WHEN PLANTED IN ORDER TO INSURE THAT THE TREES WILL BE CAPABLE OF OBTAINING A MINIMUM HEIGHT OF 10 FEET ABOVE GROUND WITHIN FIVE YEARS OF BEING PLANTED.
- 30. ALL EVERGREEN TREES THAT ARE PLANTED TO ESTABLISH THE BUFFER PLANTINGS SHALL HAVE A MINIMUM HEIGHT OF FIVE FEET ABOVE GROUND WHEN PLANTED IN ORDER TO INSURE THAT THEY ARE REASONABLY CAPABLE OF ATTAINING A MINIMUM HEIGHT OF 10 FEET ABOVE GROUND WITHIN FIVE YEARS OF BEING PLANTED.
- 31. THE BUFFER AREA SHALL HAVE A FINAL GRADE THAT CONTAINS A MINIMUM OF FOUR INCHES OF TOPSOIL AND A SUITABLE GRASS MIX PLANTED AS SACRIFICIAL COVER BETWEEN THE BUFFER TREES FOR SOIL STABILIZATION UNTIL THE NEWLY PLANTED TREES BECOME LARGER. THE PLAN MAY SUBSTITUTE WOOD CHIPS FOR PLANTED GRASS BETWEEN THE BUFFER TREES IN RESPECT TO BOTH NEWLY PLANTED AND EXISTING TREES, AS DETERMINED BY THE LANDSCAPE ARCHITECT.
- 32. THE FORESTED AND/OR LANDSCAPE BUFFER SHALL BE INSTALLED WITHIN 18 MONTHS FROM THE DATE SITE WORK IS AUTHORIZED TO COMMENCE, AS DOCUMENTED BY A NOTICE TO PROCEED LETTER FROM THE COMMISSION.
- 33. THE LAND DEVELOPER SHALL BE HELD RESPONSIBLE FOR THE HEALTH AND SURVIVAL OF THE TREES, INCLUDING REGULAR NECESSARY WATERING FOR A MINIMUM OF TWO YEARS OR UNTIL SUCH LATER DATE AS THE MAINTENANCE RESPONSIBILITIES ARE TRANSFERRED TO A HOMEOWNERS' ASSOCIATION; PROVIDED, HOWEVER, THAT THE DEVELOPER SHALL REPLACE ANY TREES THAT DIE DURING THE MINIMUM TWO-YEAR DEVELOPER MAINTENANCE PRIOR TO TRANSFERRING MAINTENANCE RESPONSIBILITIES TO A HOMEOWNERS' ASSOCIATION.
- 34. THE PERPETUAL MAINTENANCE OF THE BUFFER PLANTINGS BY A HOMEOWNERS' ASSOCIATION SHALL BE ASSURED THROUGH THE RESTRICTIVE COVENANTS AND/OR HOMEOWNERS' ASSOCIATION DOCUMENTS WHICH ARE OBLIGATORY UPON THE PURCHASERS THROUGH ASSESSMENTS BY THE HOMEOWNERS' ASSOCIATION.











CANOPY TREE PLANTING AND GUYING

LANDSCAPE CERTIFICATION: I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLIES WITH THE APPLICABLE REGULATIONS AND LAWS OF THE STATE OF DELAWARE.

ERIC W. WAHL, RLA (DE# S1-0000409) PENNONI ASSOCIATES INC. 18072 DAVIDSON DRIVE MILTON, DE 19968

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ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE ROJECT. THEY ARE NOT INTENDED OR REPRESENTE TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS O THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNON EXPENSES ARISING OUT OF OR RESULTING THEREFRO

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RAWN BY EWW APPROVED BY

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