

SECTION 17, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA



LOCATION MAP
NOT TO SCALE

PROJECT SITE

NOTES

1. SITE PARCEL: 07-45-17-08 | 00-000
2. FUTURE LAND USE: RESIDENTIAL-LOW
3. ZONING: RSF-2
4. SITE ADDRESS: 608 SW MARVIN BURNETT ROAD, LAKE CITY, FL

OWNER:

NEW GENERATION CHRISTIAN SCHOOL
608 SW MARVIN BURNETT RD.
LAKE CITY, FL 32025
386.758.4710
CONTACT: PAULA MILLER
pmiller@newgenerationschool.org

CIVIL ENGINEER:

CAROL CHADWICK, P.E.
1208 S.W. FAIRFAX GLEN
LAKE CITY, FL 32025
307.680.1772
ccpewyo@gmail.com

SURVEYOR:

DANIEL & GORE, LLC
426 SW COMMERCE BLVD., SUITE 130-N
LAKE CITY, FL 32025
386.752.9019

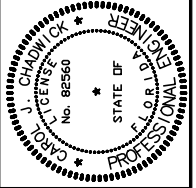
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| 6 | LANDSCAPE PLAN |
| 7 | WATER DETAILS |



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o=This item has been
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and sealed by Carol
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email=ccpewyo@gmail
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ENGINEER OF RECORD: CAROL CHADWICK, P.E.
P.E. NO.: 82560

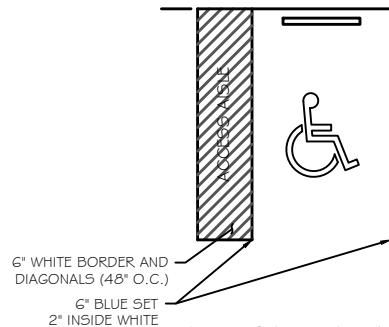
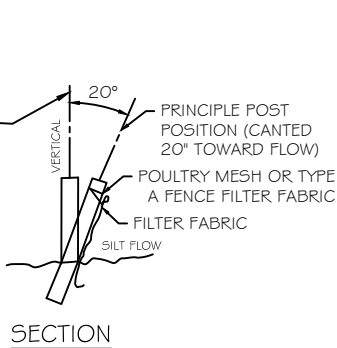
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NEW GEN. CHRISTIAN SCHOOL
608 SW MARVIN BURNETT RD
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CONTACT: PAULA MILLER
pmliller@newgenerationschool

NEW GENERATION CHRISTIAN SCHOOL

COVER SHEET

PROJECT NO.	FL19041
DATE	JUNE 14, 2020
REVISION DATE	
SHEET	1 OF 7 SHEETS

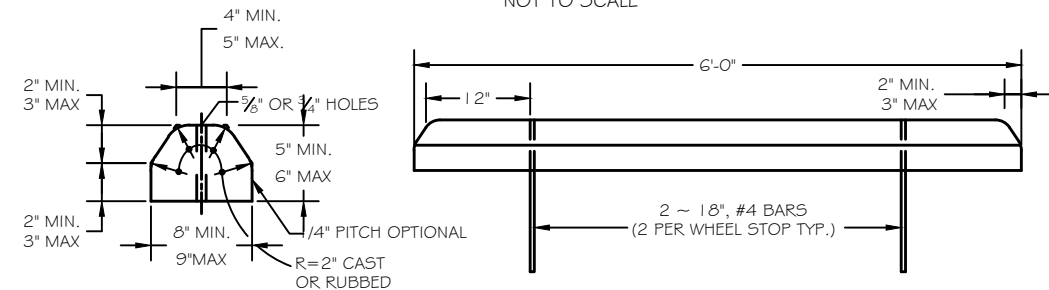


1. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED HANDICAPPED SPACES. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
2. 5' HANDICAPPED AISLE MAY BE PLACED ON THE RIGHT OR LEFT SIDE OF PARKING STALL.
3. HANDICAPPED PARKING SYMBOL SHALL BE 3 OR 5 FT. HIGH.
4. BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A.

NOT TO SCALE

1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUES

NOT TO SCALE



NOT TO SCALE

1. EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL"
2. THE CONTRACTOR SHALL ADHERE TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, SUWANNEE RIVER WATER MANAGEMENT DISTRICT, COLUMBIA COUNTY AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS.
3. THE CONTRACTOR SHALL ADJUST AND REVISE CONTROL MEASURES SHOWN ON THESE PLANS TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
6. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
7. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT FROM LEAVING PROJECT LIMITS.
8. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
9. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
10. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
11. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
12. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
14. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
15. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARP.
16. EXCESS DIRT SHALL BE REMOVED DAILY.
17. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS.
18. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
19. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.

1. EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL"
2. THE CONTRACTOR SHALL ADHERE TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, SUWANNEE RIVER WATER MANAGEMENT DISTRICT, COLUMBIA COUNTY AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS.
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 EV TRANSFORMER

FV TRANSFORMER

□

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cn=Carol Chadwick,
PE, o=This item has
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signed and sealed by
Carol Chadwick, PE
using a digital
signature., ou,
email=ccpewyo@gmail
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NOTE: ALL UTILITY PROVIDERS MUST
BE CONTACTED PRIOR TO DIGGING IN
ACCORDANCE TO CHAPTER 556
"SUNSHINE STATE ONE CALL"
CALL 811 48 HOURS PRIOR TO
DIGGING

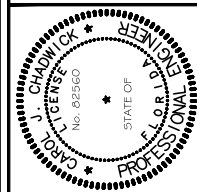
1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO CONSTRUCTION TO ENSURE THAT ALL WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SAID DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
2. ALL DISTURBED AREAS SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND SHORT-TERM VEGETATION. THE LONG-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 70 POUNDS PER ACRE. THE SHORT-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 20 POUNDS PER ACRE AND SHALL CONSIST OF WINTER RYE FROM SEPTEMBER THROUGH MARCH OR MILLET FROM APRIL THROUGH AUGUST.
3. THE PERMITTEE/CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING CONSTRUCTION TO MINIMIZE EROSION, TURBIDITY, NUTRIENT LOADING, AND SEDIMENTATION TO ADJACENT LANDS AND IN THE RECEIVING WATER.
4. ALL GRADES MAY BE ADJUSTED IN THE FIELD A MAXIMUM OF SIX (6) INCHES AS LONG AS THE FLOW OF WATER IS NOT CHANGED.
5. WHERE DITCH MUST BE DEEPER THAN NORMAL TO ACCOMMODATE A PIPE, THE TRANSITION FROM NORMAL DITCH GRADE TO PIPE FLOW LINE SHALL BE A MINIMUM LENGTH OF 100 FEET.
6. THE CONTRACTOR SHALL ADHERE TO THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION UNTIL THE AS-BUILTS ARE COMPLETED.
7. QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR SHALL VERIFY QUALITIES PRIOR TO BID AND CONSTRUCTION.
8. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE GOVERNING AGENCIES.

THE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

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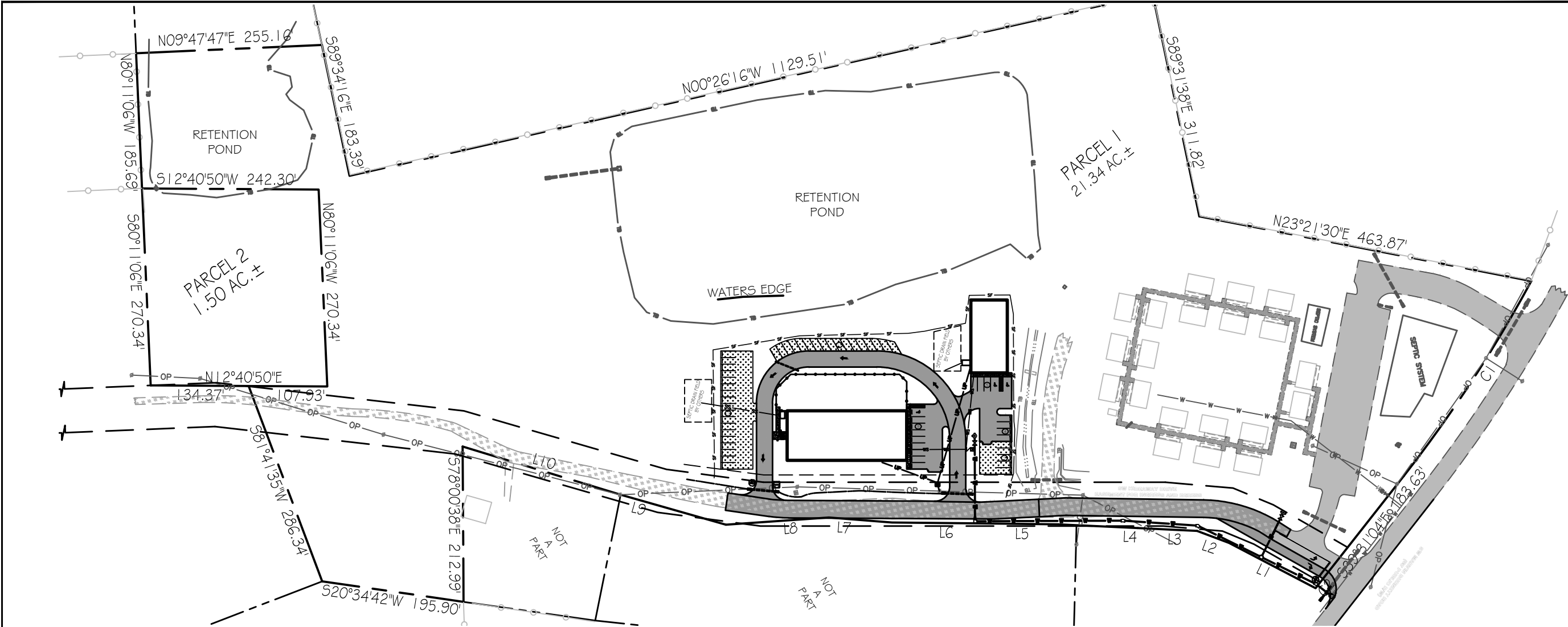
NEW GENERATION CHRISTIAN SCHOOL

NOTES, LEGEND & DETAILS

NOTES, LEGEND & DETAILS

PROJECT NO.	FL19041
DATE	JUNE 14, 2020
REVISION DATE	
SHEET	2 OF 7
	SHEETS

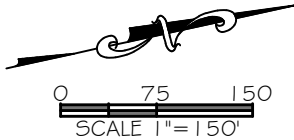
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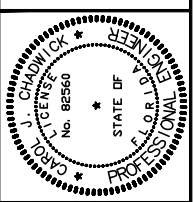
DEVELOPMENT INFORMATION			
A NEW 50,000 SQ. FT. SCHOOL BUILDING, OFFICE BUILDING, GYMNASIUM, AUDITORIUM, AND OTHER RELATED BUILDINGS, AND A 100,000 SQ. FT. PARKING LOT, TO BE CONSTRUCTED ON A 22.84 AC. ± PARCEL, 1.50 AC. ± PARCEL, AND A 21.34 AC. ± PARCEL, ALL OF WHICH ARE LOCATED IN THE CITY OF LAKE CITY, FLORIDA.			
PROJECT NO.	FL 9041		
DATE	JUNE 14, 2020		
PROJECT NAME	NEW GENERATION CHRISTIAN SCHOOL		
OWNER	NEW GENERATION CHRISTIAN SCHOOL		
DESIGNER	CAROL CHADWICK, P.E.		
PROJECT AREA	0.0000	ACRES	0.0000
EXISTING IMPROVEMENT AREA	0.0000	ACRES	0.0000
TOTAL IMPROVEMENT AREA	0.0000	ACRES	0.0000
EXISTING IMPROVEMENT AREA			
EXISTING IMPROVEMENT AREA	0.0000	ACRES	0.0000
PROPOSED IMPROVEMENT AREA			
PROPOSED IMPROVEMENT AREA	0.0000	ACRES	0.0000
PROPOSED IMPROVEMENT AREA	0.0000	ACRES	0.0000
PROPOSED IMPROVEMENT AREA	0.0000	ACRES	0.0000
PROPOSED IMPROVEMENT AREA	0.0000	ACRES	0.0000
LANDSCAPING			
REQUIRE	LANDSCAPING SHALL BE PROVIDED FOR THE ENTIRE PROJECT AREA.		
REQUIRE	LANDSCAPING SHALL BE PROVIDED FOR THE ENTIRE PROJECT AREA.		
BUFFER			
REQUIRE	A 10' BUFFER SHALL BE PROVIDED BETWEEN THE PROJECT AREA AND THE ADJACENT PROPERTY.		
REQUIRE	A 10' BUFFER SHALL BE PROVIDED BETWEEN THE PROJECT AREA AND THE ADJACENT PROPERTY.		
PARKING			
REQUIRE	A 100,000 SQ. FT. PARKING LOT SHALL BE PROVIDED FOR THE PROJECT.		
REQUIRE	A 100,000 SQ. FT. PARKING LOT SHALL BE PROVIDED FOR THE PROJECT.		
CONSTRUCTION			
REQUIRE	CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.		
REQUIRE	CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.		

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 39°56'26" W	134.06'
L2	S 32°50'06" W	46.82'
L3	S 15°06'06" W	81.34'
L4	S 15°00'11" W	109.35'
L5	S 13°00'47" W	102.73'
L6	S 12°54'16" W	125.23'
L7	S 16°50'51" W	86.89'
L8	S 08°21'24" W	141.57'
L9	S 28°12'10" W	150.13'
L10	S 29°17'53" W	226.55'

CURVE TABLE					
CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	1869.83'	9°47'42"	319.65'	S 44°29'32" E	319.26'
C2	994.93'	0°42'35"	12.32'	S 39°25'30" E	12.32'



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has been electronically signed and
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email=ccpewyo@gmail.com, c=US
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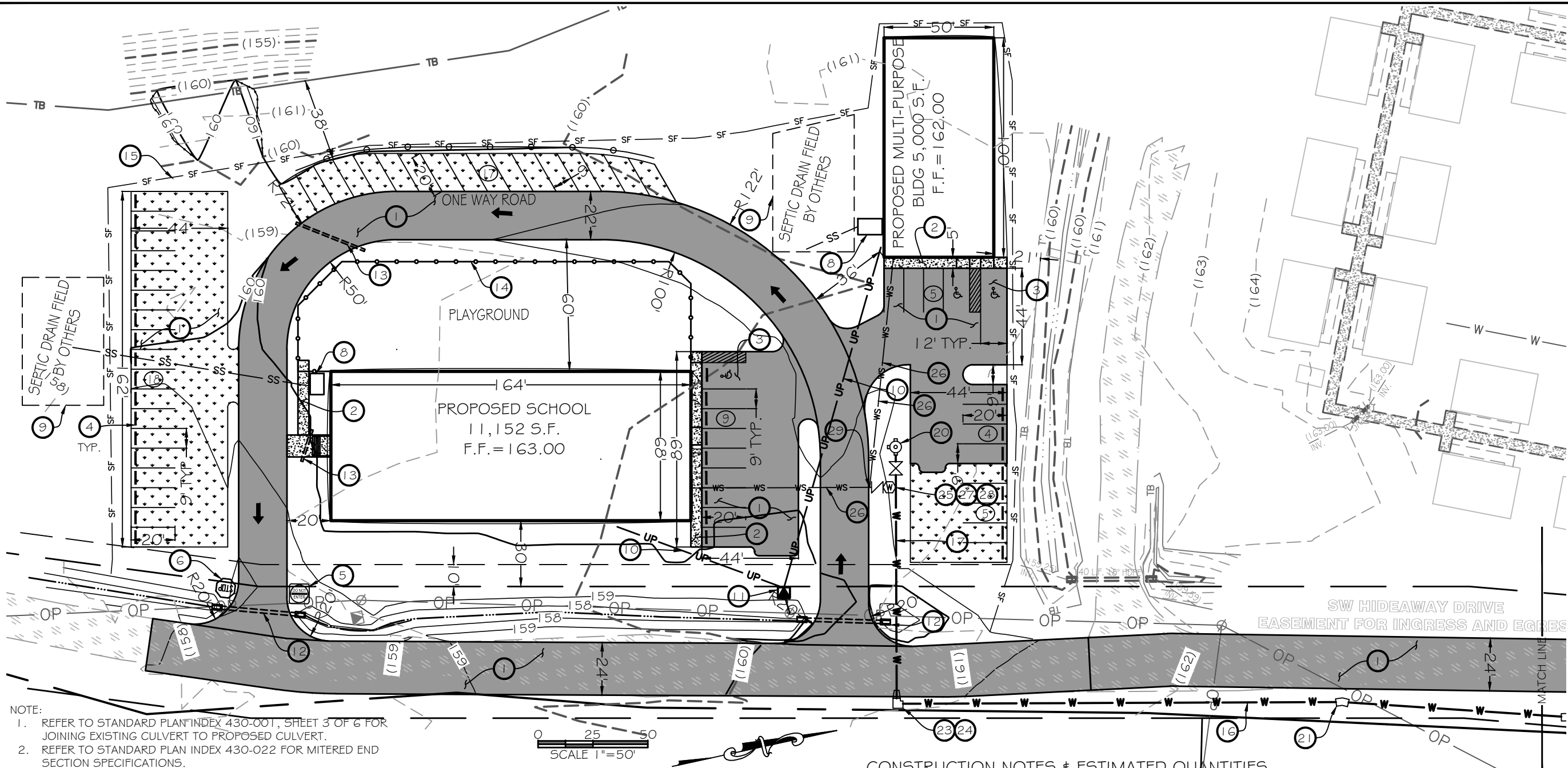


REVISION	DESCRIPTION
1	ISSUED FOR PERMIT

PROJECT NO.	FL 9041
DATE	JUNE 14, 2020
REVISION DATE	
SHEET	3 of 7

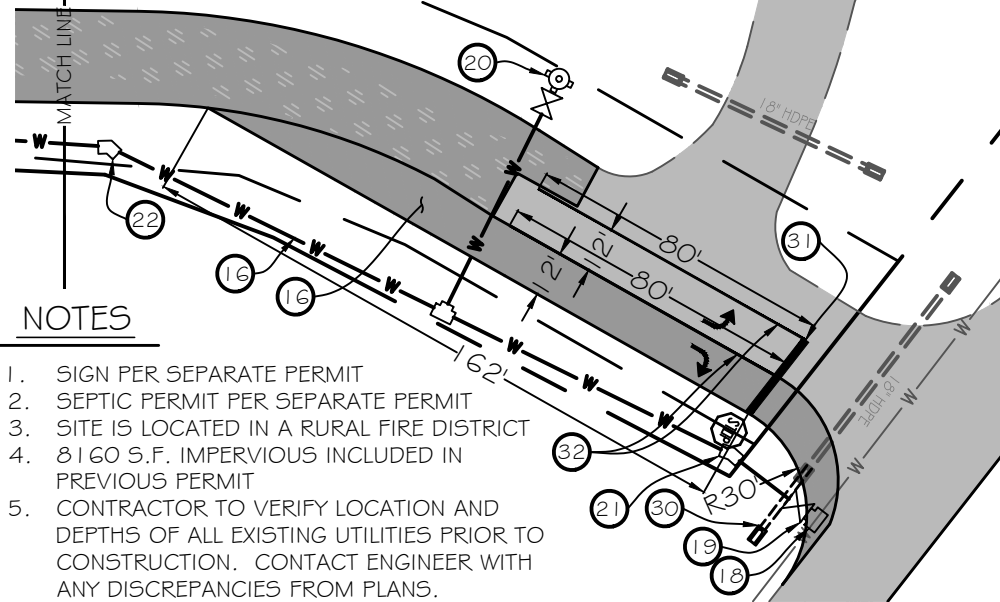
NEW GENERATION CHRISTIAN SCHOOL OVERALL SITE PLAN

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- NOTE:
1. REFER TO STANDARD PLAN INDEX 430-001, SHEET 3 OF 6 FOR JOINING EXISTING CULVERT TO PROPOSED CULVERT.
 2. REFER TO STANDARD PLAN INDEX 430-022 FOR MITERED END SECTION SPECIFICATIONS.
 3. EXISTING MITER END SECTION SHALL NOT BE RE-USED.

EGRESS



NOTES

1. SIGN PER SEPARATE PERMIT
2. SEPTIC PERMIT PER SEPARATE PERMIT
3. SITE IS LOCATED IN A RURAL FIRE DISTRICT
4. 8160 S.F. IMPERVIOUS INCLUDED IN PREVIOUS PERMIT
5. CONTRACTOR TO VERIFY LOCATION AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTACT ENGINEER WITH ANY DISCREPANCIES FROM PLANS.

1	INSTALL 1-1/2" AC PAVEMENT OVER 6" LIMEROCK BASE	42,635 S.F.	16	8" C900 P.V.C. WATER MAIN	330 L.F.	30	EXTEND H.D.P.E. CULVERT PER FDOT INDEX 430-001	1 EA.
2	5' SIDEWALK	1095 S.F.	17	6" C900 P.V.C. WATER MAIN	107 L.F.	31	24" WHITE STOP BAR PER FDOT INDEX 711-001	24 L.F.
3	HANDICAP PARKING SIGN, RAMP AND STALL PER DETAIL ON SHEET 2	3 EA.	18	12"x8" TEE	1 EA.	32	6" SOLID WHITE STRIPING PER FDOT INDEX 711-001	160 L.F.
4	WHEEL STOP PER DETAIL ON SHEET 2	16 EA.	19	8" GATE VALVE	1 EA.	33	DIRECTIONAL AREA STRIPING PER FDOT INDEX 711-001	2 EA.
5	"DO NOT ENTER" SIGN PER MUTCD, R5-1	1 EA.	20	FIRE HYDRANT ASSEMBLY	2 EA.			
6	STOP SIGN PER MUTCD, R1-1	2 EA.	21	8" 22.5° BEND	2 EA.			
8	SEPTIC TANK PER SEPARATE PERMIT	2 EA.	22	8" 45° BEND	1 EA.			
9	SEPTIC DRAIN FIELD PER SEPARATE PERMIT	2 EA.	23	8" 90° BEND	1 EA.			
10	ELECTRIC SERVICE	2 EA.	24	8"x6" REDUCER	1 EA.			
11	TRANSFORMER	1 EA.	25	6"x2" TEE	1 EA.			
12	18" H.D.P.E. CULVERT WITH MITERED END SECTIONS	2 EA.	26	2" WATER SERVICE	190 L.F.			
13	12" P.V.C. DRAIN	2 EA.	27	2" WATER METER	1 EA.			
14	FENCE	276 L.F.	28	BACK FLOW PREVENTOR	1 EA.			
15	INSTALL SILT FENCE PER DETAIL ON SHEET 2	960 EA.	29	2"x2" TEE	1 EA.			



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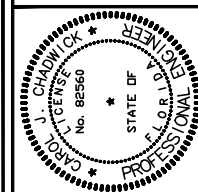


NEW GENERATION CHRISTIAN SCHOOL SITE & DIMENSION PLAN

PROJECT NO.	FL19041
DATE	JUNE 28, 2020
REVISION DATE	
SHEET	4 of 7

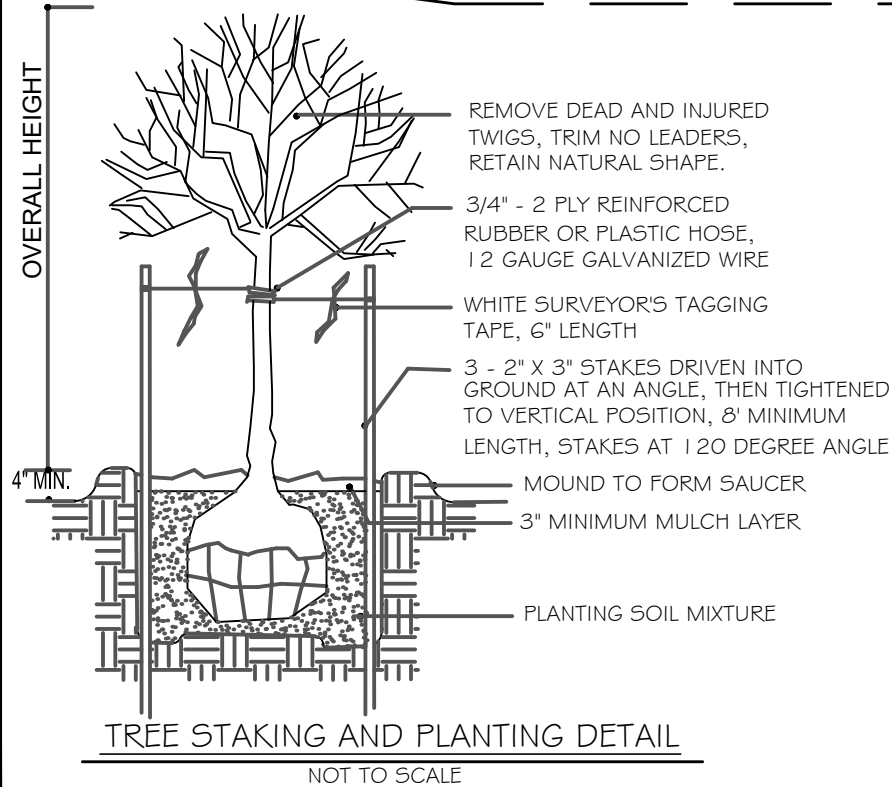
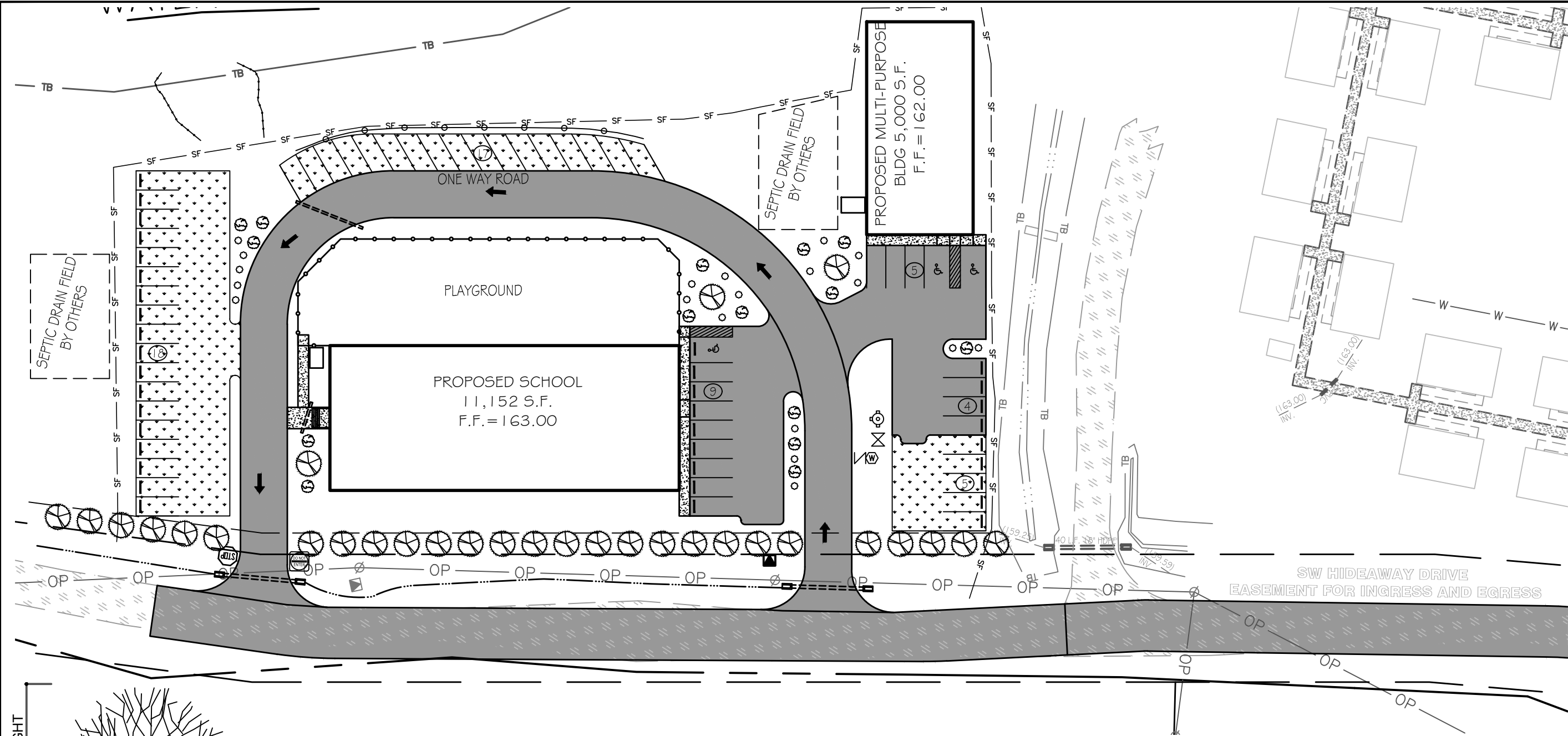
PREPARED FOR:
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LAKE CITY, FL 32025
CONTACT: PAULA MILLER
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DATE	
ORG	
REVISION DESCRIPTION	



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REGISTERED PROFESSIONAL ENGINEER
LAKE CITY, FL 32025
OCEAN COUNTY, NEW JERSEY
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PLANT SCHEDULE

SYMBOL	PLANT TYPE	QTY	HEIGHT	SIZE, GALLON
	HOLLY TREE VIBURNUM TREE LIGUSTRUM TREE	30	8' - 10'	45
	AZALEAS SHRUB PODOCARPUS SHRUB LAURA PENDULUM SHRUB	15	18" - 20"	3
	ASIAN JASMINE WEDELIA BOX WOOD IVY	18	12"	1

LANDSCAPE NOTES

- ALL PLANT MATERIAL TO BE FLORIDA No. 1 QUALITY
- A MINIMUM OF 3" OF MULCH IN ALL PLANT BEDS
- 100% IRRIGATION COVERAGE REQUIRED
- STAKING REQUIRED FOR ALL SINGLE-TRUNK TREES
- A 3' "RING" OF MULCH TO BE MAINTAINED AROUND ALL TREES NOT INCORPORATED IN PLANT BEDS.
- LANDSCAPING REQUIRED AROUND ALL BACKFLOW DEVICES
- UNOBSTRUCTED VISIBILITY REQUIRED WITHIN SITE VISIBILITY TRIANGLE (INDICATE WITH DIAGRAM, FIGURE 33.01)
- PROTECTION REQUIRED FOR EXISTING TREES TO BE SAVED DURING CONSTRUCTION. DIAGRAM OF TREE PROTECTION PLAN REQUIRED
- ALL PLANT BEDS TO BE FREE OF LIME ROCK, CONSTRUCTION DEBRIS, AND ANY IMPERVIOUS MATERIAL. EXCAVATION AND BACKFILLING MAY BE REQUIRED
- THE OWNER/DEVELOPER IS RESPONSIBLE FOR THE ESTABLISHMENT AND MAINTENANCE OF ALL PLANT MATERIAL. LANDSCAPE AREAS MUST BE MAINTAINED TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE AT ALL TIMES AND SHALL BE KEPT FREE OF TRASH AND DEBRIS



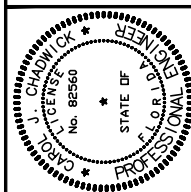
Carol Chadwick, PE
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a digital signature., ou,
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NEW GENERATION CHRISTIAN SCHOOL LANDSCAPE PLAN

PROJECT NO.	FL19041
DATE	JUNE 14, 2020
REVISION DATE	
SHEET	6 of 7

PREPARED FOR:
NEW GEN. CHRISTIAN SCHOOL
608 SW MARVIN BURNETT RD.
LAKE CITY, FL 32025
CONTACT: PAULA MILLER
pmiller@newgenerationsschool.com

DATE	
REVISION DESCRIPTION	



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STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
EXPIRATION DATE 06/15/2025

