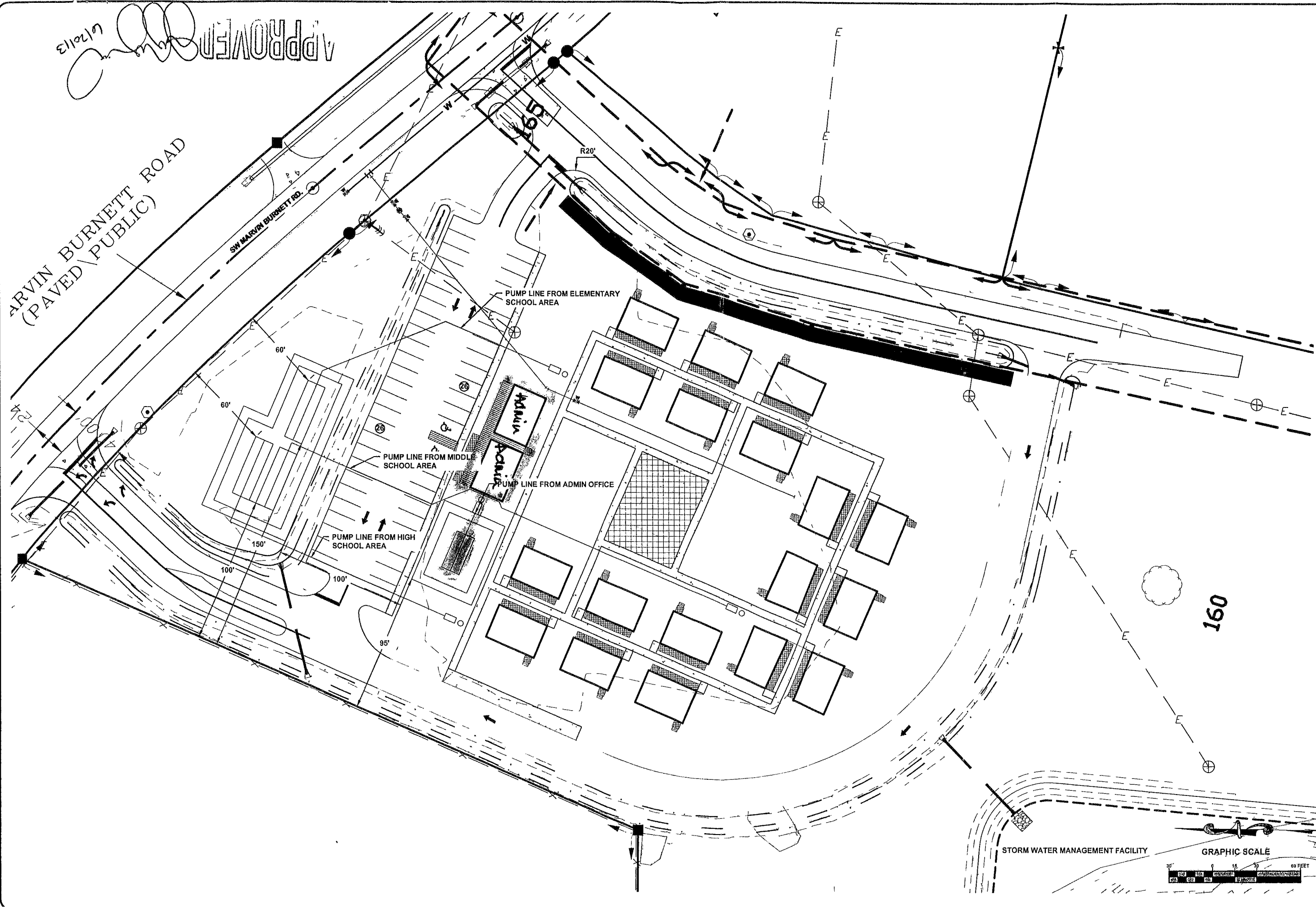




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REVISIONS:

SITE PLAN
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA

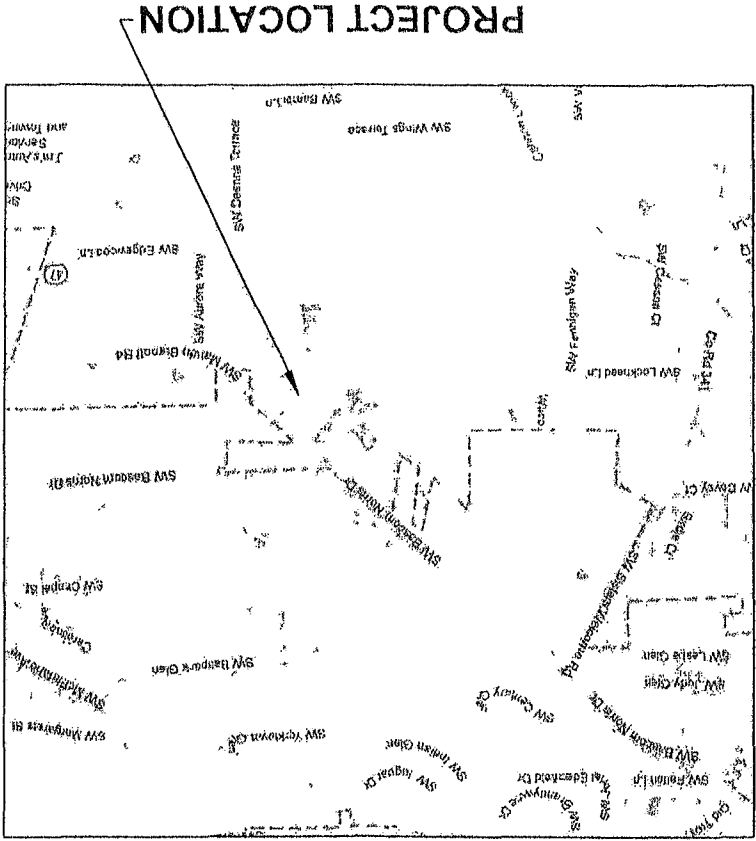


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FINAL CONSTRUCTION PLANS
05-2013 (X)

**NEW GENERATION CHRISTIAN SCHOOL
COLUMBIA COUNTY, FLORIDA
SECTION 7, TOWNSHIP 4 S., & RANGE 17 E.**



PLANS PREPARED FOR:
NEW GENERATION CHRISTIAN SCHOOL
PAULA GORMAN, CEO
159 SW SPENCER CT, SUITE 106
LAKE CITY, FLORIDA 32024
(386)758-4710

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GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW 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 SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUDANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DRINKING WATER FACILITY PERMIT, AND FLORIDA DEPARTMENT OF HEALTH SEPTIC SYSTEM PERMIT.

16. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES BUT IS NOT LIMITED TO MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.

17. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.

18. CONTRACTOR SHALL PROVIDE ACTUAL INVERT ELEVATIONS ON ALL DRAINAGE STRUCTURES, INCLUDING CURBVERTS, PRIOR TO PLACING ANY BASE MATERIAL. DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER BEFORE CONTINUING WORK.

EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

4. TOPOGRAPHIC INFORMATION SHOWN, WAS OBTAINED FROM A TOPOGRAPHIC SURVEY PREPARED BY BRITT SURVEYING AND MAPPING, L.L.C., FLORIDA CERTIFICATE NO. 7593.

20.A-PRE-CONSTRUCTION MEETING WITH THE GREATER

5. THE BENCHMARKS NOTED IN THE PLANS WERE DETERMINED FROM THE USGS QUADRANGLE MAP.

6. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.

7. IF THE CONTRACTOR SHALL ENCOUNTER UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.

8. THE CONTRACTOR SHALL MAINTAIN A NOTION OF

7. THE SITE IS LOCATED IN SECTION 27, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

8. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.

9. THE STORMWATER BASIN IS DESIGNED IN ACCORDANCE WITH CHAPTER 40B-4 F.A.C.

25. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY

10. ALL SLOPES OF THE STORMWATER BASIN SHALL BE GRASSSED. ALL SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.

11. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 10 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH

FOR THE STORMWATER MANAGEMENT SYSTEMS, INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER ON REPRODUCIBLE 20LB. YELLOW. A COPY OF THE AS-BUILT PLANS (IN PAPER AND DIGITAL AUTOCAD FORMAT) MUST BE SUBMITTED TO THE CITY OF LAKE CITY, FLORIDA (DEPARTMENT OF GROWTH MANAGEMENT) AND THE ENGINEER.

LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.

12. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED.

13. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.

26. THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.

CONSTRUCTION, CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.

14 ALL UTILITY CONSTRUCTION SHALL MEET THE CITY OF LAKE CITY WATER AND WASTEWATER UTILITY STANDARDS, AVAILABLE FROM CITY HALL OR PUBLIC WORKS.

15. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.

27. IF DURING CONSTRUCTION OR OPERATION OF THE STORM WATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDIAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE. A REPORT PREPARED BY A REGISTERED PROFESSIONAL TO THE DEPARTMENT FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE BREACH WILL BE PERMANENTLY CORRECTED.

EXISTING		PROPOSED	
E-FM	FM	FM	FORCE MAIN
E-W	W	W	WATER
E-SAN	SAN	SAN	SANITARY
E-GAS	GAS	GAS	GAS
E-BE	BE	BE	BURIED ELECTRIC
E-BT	BT	BT	BURIED TELEPHONE
E-CATV	CATV	CATV	CABLE TV
E-FO	FO	FO	FIBER OPTIC
E-OHU	OHU	OHU	OVERHEAD UTILITIES
E-OHE	OHE	OHE	OVERHEAD ELECTRIC

EXISTING		PROPOSED	
E-CMP	EXISTING CORRUGATED METAL PIPE	E-CMP	EXISTING CORRUGATED METAL PIPE
E-RCP	EXISTING ROUND CONCRETE PIPE	E-RCP	EXISTING ROUND CONCRETE PIPE
E-ECP	EXISTING ELIPTICAL CONCRETE PIPE	E-ECP	EXISTING ELIPTICAL CONCRETE PIPE
E-CPP	EXISTING CORRUGATED PLASTIC PIPE	E-CPP	EXISTING CORRUGATED PLASTIC PIPE
X	FIELD FENCE	X	FIELD FENCE
○	CHAIN LINK FENCE	○	CHAIN LINK FENCE
□	WOOD POST FENCE	□	WOOD POST FENCE
PROPERTY BOUNDARY			
RIGHT OF WAY LINE			
100'	EXISTING CONTOUR	100'	EXISTING CONTOUR
100'	PROPOSED CONTOUR	100'	PROPOSED CONTOUR

BENCHMARK	
BOX CABLE	
BOX ELECTRICAL	
BOX TRAFFIC LIGHT	
CATCH BASIN ROUND	
CATCH BASIN SQUARE	
CLEANOUT EXISTING	
CLEANOUT PROPOSED	
CULVERT MITERED END SECTION	
DITCH BLOCK	
DOT MARKER FOUND	
ELECTRICAL DISTRIBUTION SWITCH	
FLOW ARROW	
GRINDER STATION EXISTING	
GRINDER STATION PROPOSED	
HANDICAP SYMBOL	
HANDHOLE STORM	
HANDHOLE WATER	
HYDRANT, FIRE EXISTING	
HYDRANT, FIRE PROPOSED	
HYDRANT, FLUSHING EXISTING	
HYDRANT, FLUSHING PROPOSED	
IRON ROD SET	
IRON ROD FOUND	
LINE, BASE	
LINE, CENTER	
LINE, PROPERTY	
LIFT STATION EXISTING	
LIFT STATION PROPOSED	
MANHOLE, ELECTRICAL EXISTING	
MANHOLE, ELECTRICAL PROPOSED	
MANHOLE, GAS EXISTING	
MANHOLE, GAS PROPOSED	

SYMBOLS LEGEND

[illegible]

GENERAL NOTES & LEGEND

NEW GENERATION CHRISTIAN SCHOOL

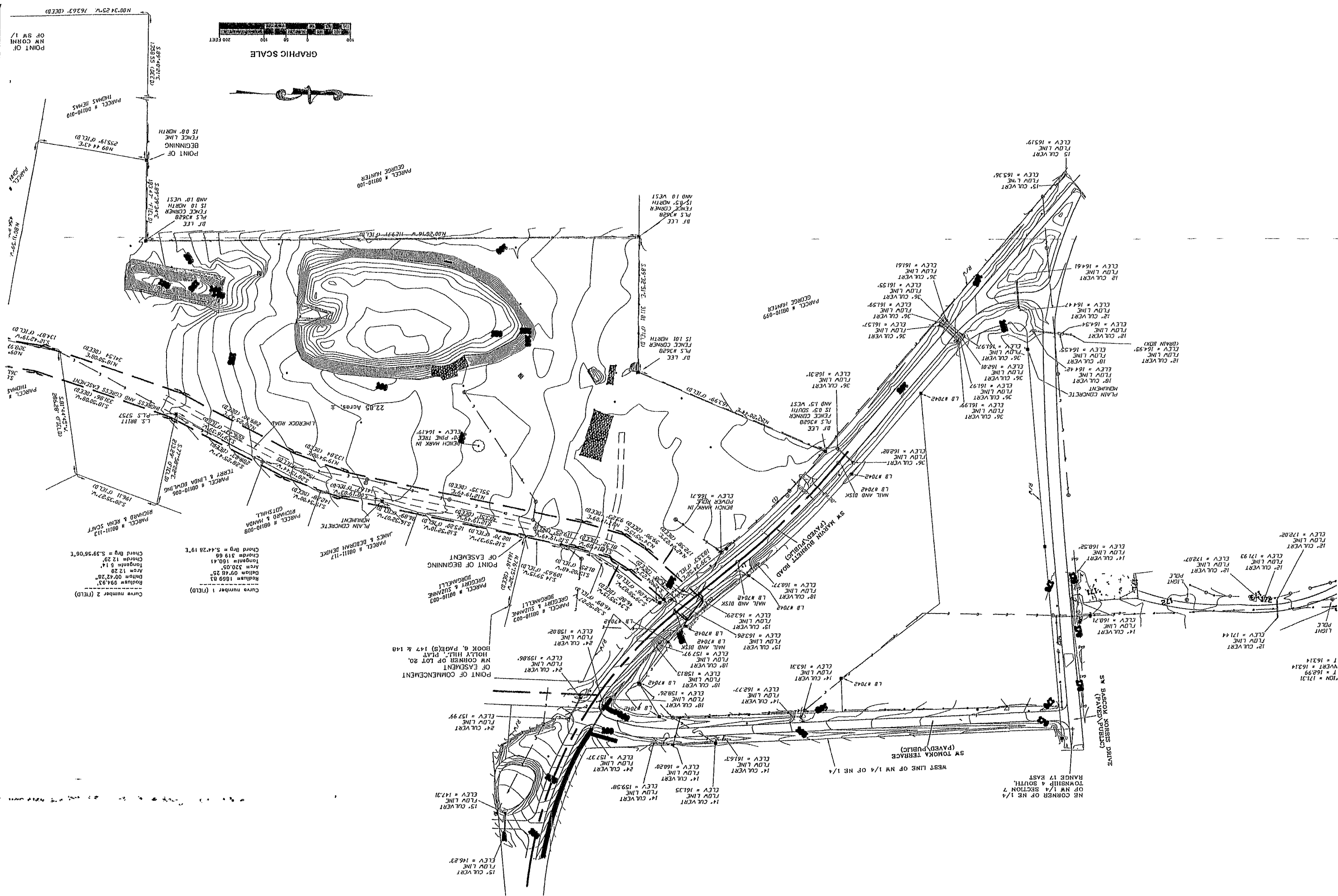
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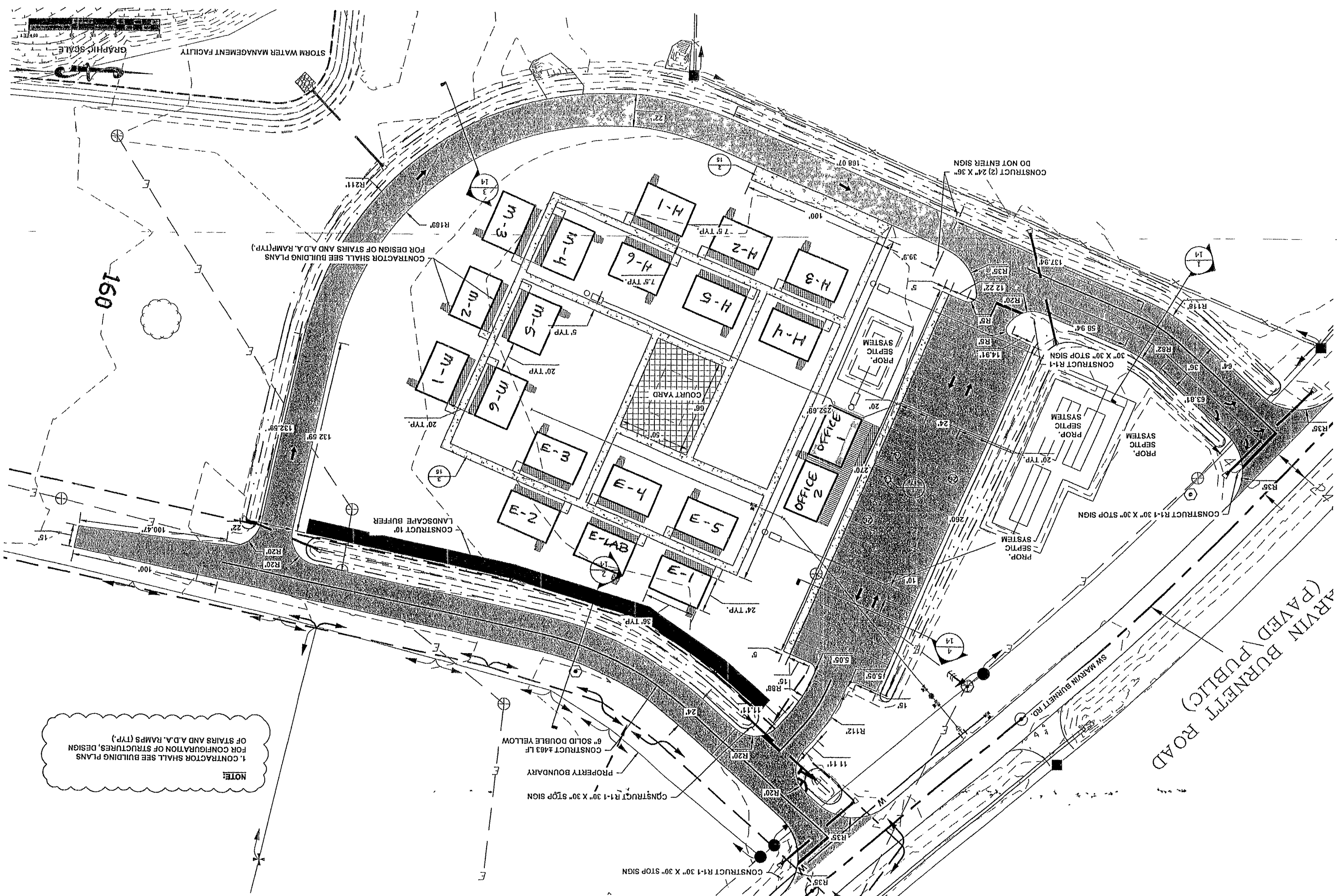
EXISTING CONDITIONS PLAN

NEW GENERATION CHRISTIAN SCHOOL



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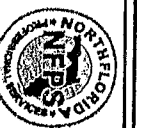
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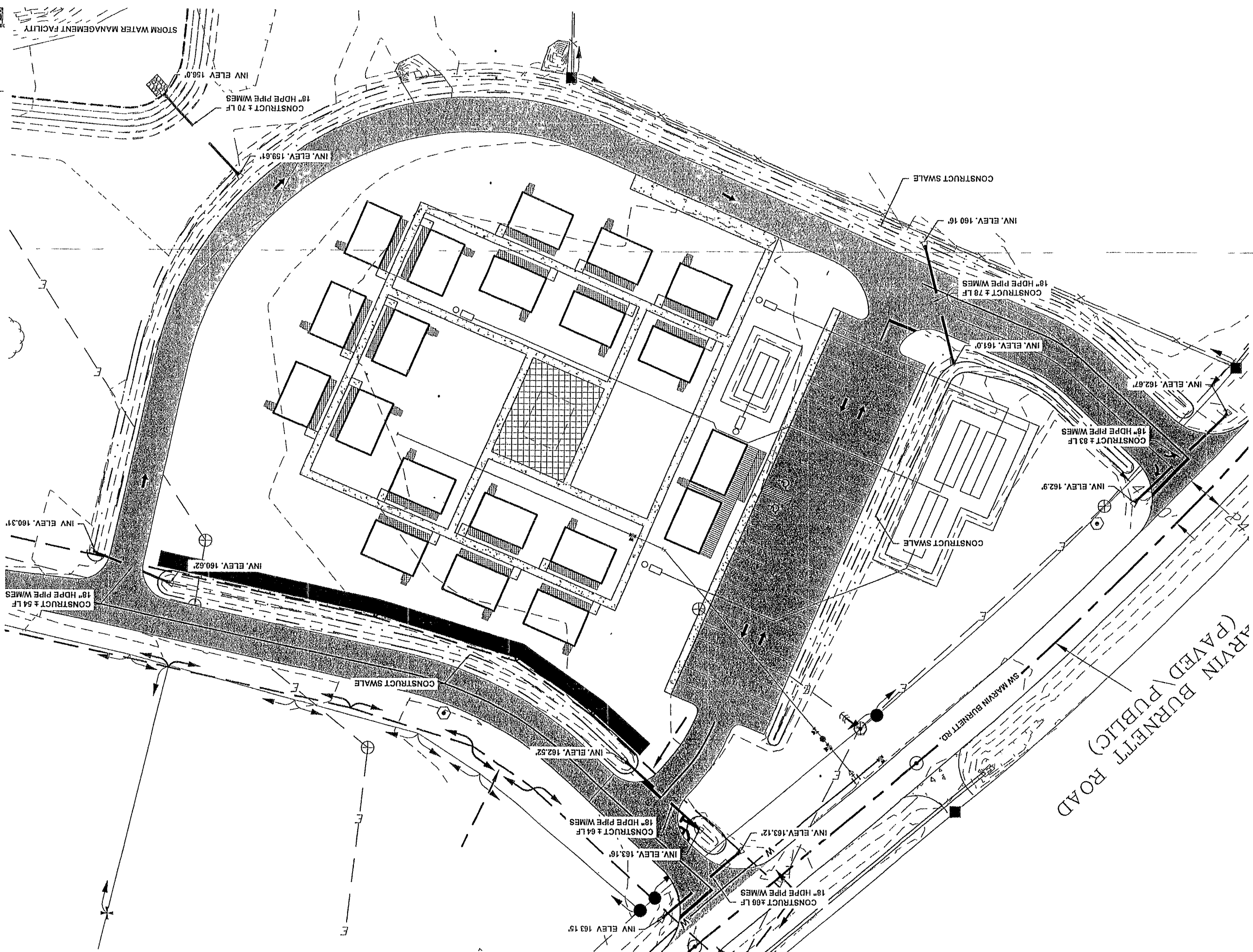
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DATE DESIGNED BY: 10/20/2012
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REVISIONS

SITE PLAN
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA



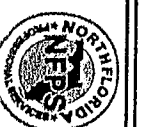
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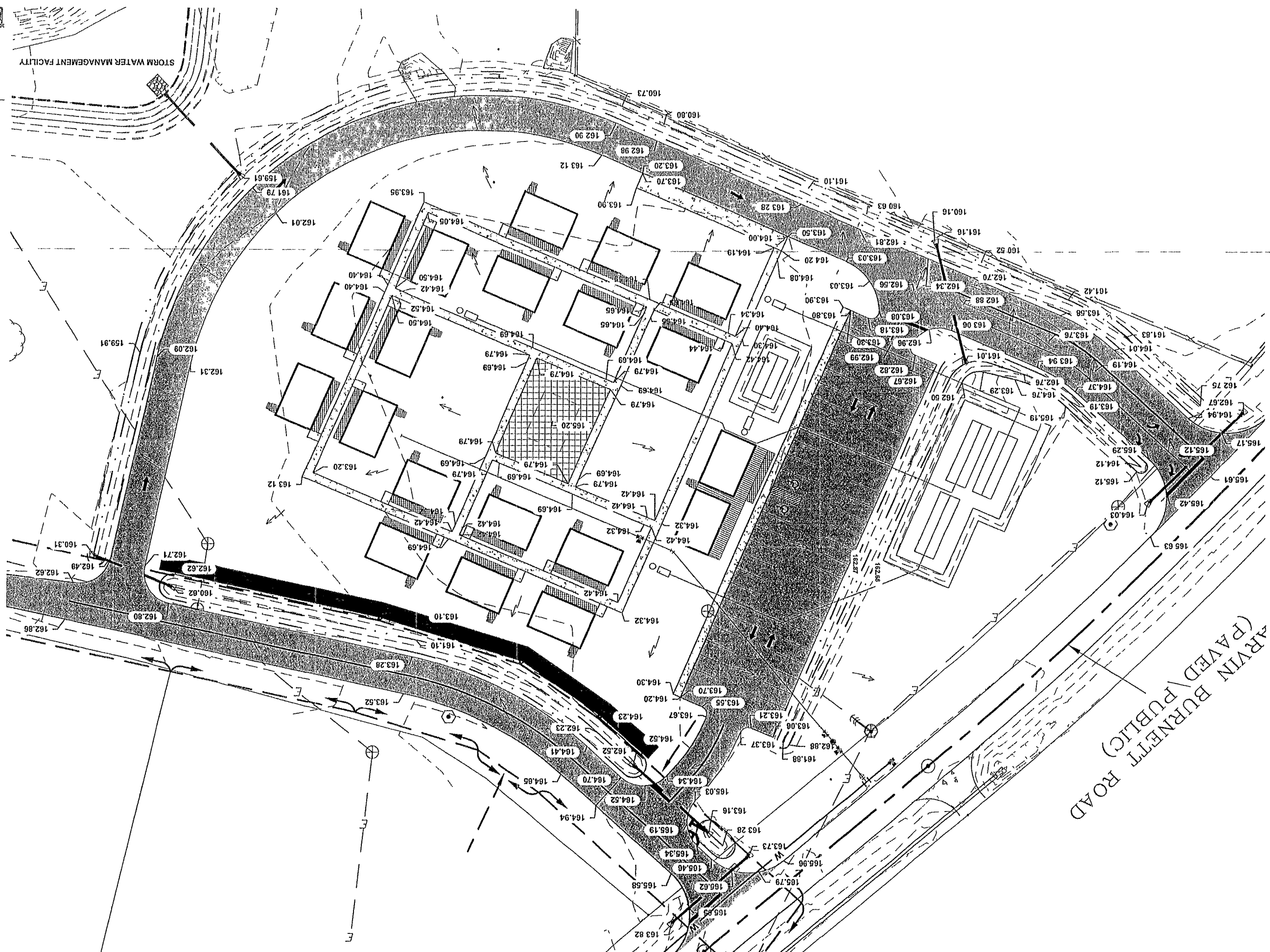
STORM SEWER PLAN
NEW GENERATION CHRISTIAN SCHOOL
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ARVIN BURNETT ROAD
(PAVED / PUBLIC)



Age Group	Percent
18-24	10
25-34	15
35-44	20
45-54	25
55-64	30
65-74	35
75-84	40
85+	45

STORM WATER MANAGEMENT FACILITY

JOB NUMBER: L120524NEW	REVISIONS:
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GRADING PLAN

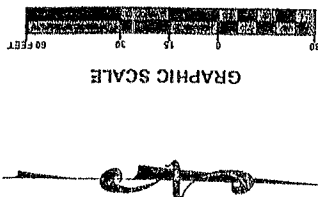
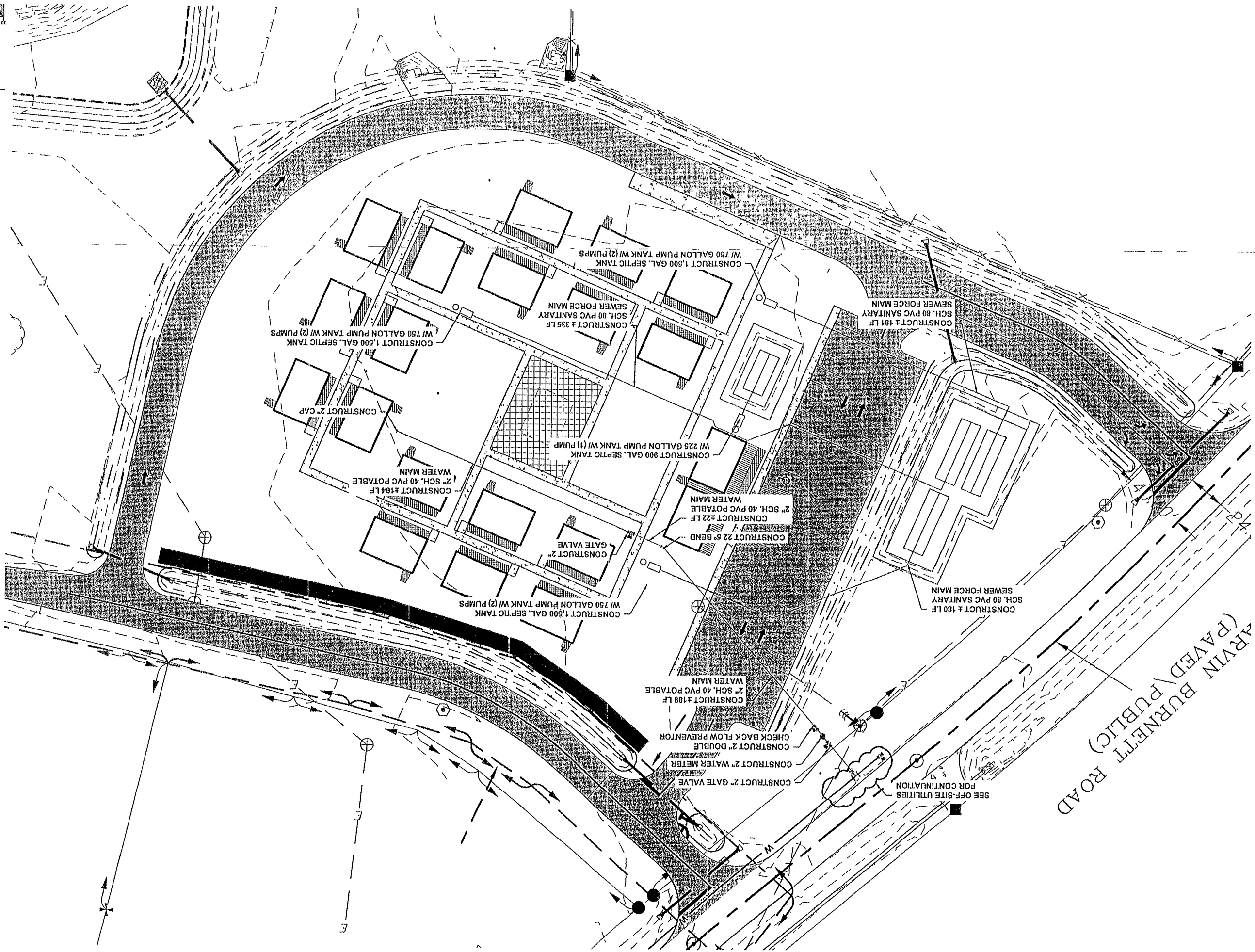
**NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA**



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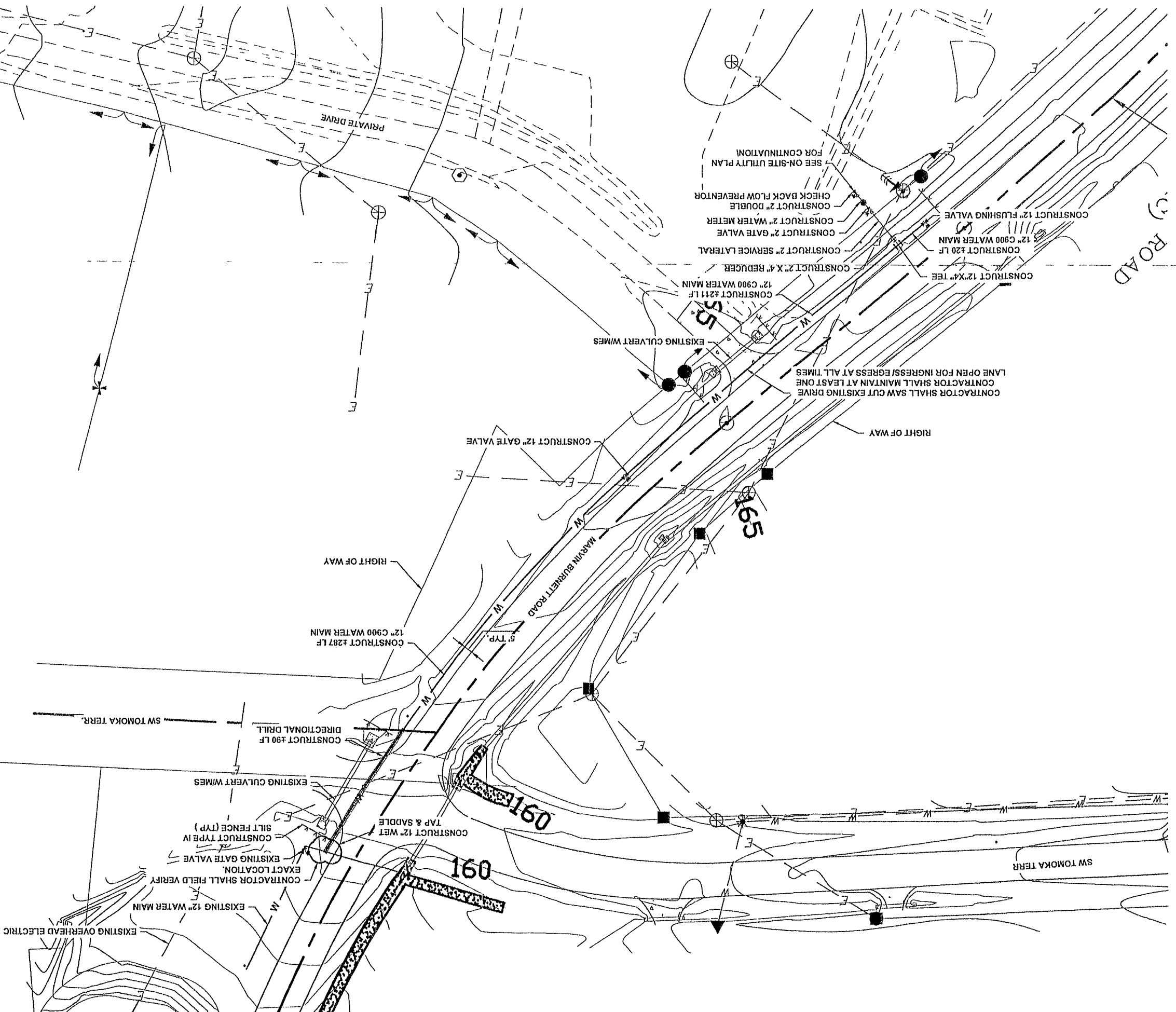
REVISIONS

ON-SITE UTILITIES PLAN
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA

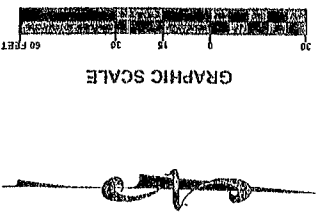


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GRAPHIC SCALE



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REVIEWS

OFF-SITE UTILITIES PLAN
NEW GENERATION CHRISTIAN SCHOOL
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WATER AND SEWER NOTES

1. ALL UTILITY CONSTRUCTION SHALL MEET THE CITY OF LAKE CITY WATER AND WASTEWATER UTILITY STANDARDS.
2. THE CONTRACTOR SHALL MAINTAIN EXISTING WATER MAINS IN SERVICE DURING CONSTRUCTION. IN THE EVENT INTERRUPTIONS TO SERVICE ARE REQUIRED DURING CONSTRUCTION, SUCH INSTANCES SHALL BE MINIMIZED.
3. ALL NEW OR RELOCATED WATER MAINS THAT SERVE FIRE HYDRANTS AND ALL FIRE HYDRANT LEADS SHALL BE NO SMALLER THAN SIX INCHES IN DIAMETER. AUXILIARY VALVES SHALL BE PROVIDED ON ALL HYDRANT LEADS.
4. SUFFICIENT VALVES SHALL BE PROVIDED IN NEW AND RELOCATED WATER MAINS SO THAT INCONVENIENCE AND SANITARY HAZARDS WILL BE MINIMIZED DURING REPAIRS. (VALVES SHALL BE PLACED IN NO MORE THAN 500-FOOT INTERVALS IN COMMERCIAL DISTRICTS AND AT NO MORE THAN ONE-BLOCK OR 800-FOOT INTERVALS IN OTHER DISTRICTS.)
5. PROPER BACKFLOW-PREVENTION ASSEMBLIES/DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH RULE 62-555.360, F.A.C., AND THE AWWA'S MANUAL M4, RECOMMENDED PRACTICE FOR BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL.
6. ALL NEW RELOCATED WATER LATERALS THAT CROSS ANY SANITARY SEWERS, STORM SEWERS, FORCE MAINS, OR RECLAIMED WATER LINES SHALL CROSS SUCH PIPELINES. COPPER TRACER WIRE SHALL BE PLACED ON ALL POTABLE WATER LINES AND WATER LATERALS. TRACER WIRE SHALL BE CONTINUOUS WITH NO INTERRUPTIONS.
8. LOCATOR BALLS SHALL BE PROVIDED AT END OF ALL WATER LATERALS. THE LOCATOR BALLS SHALL BE SECURED TO THE LATERALS WITH A PLASTIC TIE STRAP.
9. WATER LATERALS SHALL BE LEFT UNCOVERED UNTIL INSPECTED BY THE ENGINEER OR THE ENGINEER'S INSPECTOR.
10. CONTRACTOR SHALL PROVIDE TEMPORARY STAKES (2" BY 2" WOODEN STAKES) AT THE END OF EACH LATERAL. EACH STAKE SHALL INDICATE EITHER WATER OR SANITARY SEWER LATERAL. CONTRACTOR SHALL MAINTAIN THE STAKES UNTIL AN AS-BUILT SURVEY OF WATER AND SANITARY SEWER MAINS AND LATERALS ARE COMPLETE AND APPROVED BY THE ENGINEER.
11. MEAGLUG MECHANICAL JOINT RESTRAINTS OR SERIES 1390 UNIFLANGE BLOCK BUSTER RESTRAINT DEVICES SHALL BE USED WITH MANUFACTURER'S RECOMMENDATION. ALL RESTRAINED JOINTING MUST BE LEFT OPEN UNTIL VIEWED BY THE CITY INSPECTOR.
12. CLEAN AND DISINFECT WATER DISTRIBUTION PIPING SYSTEMS AND PARTS OF EXISTING SYSTEMS THAT HAVE BEEN ALTERED, EXTENDED OR REPAIRED BEFORE USE. USE PURGING AND DISINFECTING PROCEDURE DESCRIBED BY AUTHORITIES HAVING JURISDICTION OR USE PROCEDURE DESCRIBED IN AWWA C651.
13. ALL PIPE, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED UNDER THIS PROJECT SHALL CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS.
14. ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NSF INTERNATIONAL STANDARD 61 AS ADOPTED IN RULE 62-555.335, F.A.C., OR OTHER APPLICABLE STANDARDS, REGULATIONS, OR REQUIREMENTS REFERENCED IN PARAGRAPH 62-555.320(3)(B), F.A.C.
15. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL CONTAIN NO MORE THAN 8.0% LEAD, AND ANY SOLDER OR FLUX USED IN THIS PROJECT WILL CONTAIN NO MORE THAN 0.2% LEAD.
16. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(B) 3, F.A.C., USING BLUE AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE SHALL BE SOLID-WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPES DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE SHALL BE PAINTED BLUE OR WILL BE COLOR-CODED OR MARKED LIKE UNDERGROUND PIPE.)

17. SUFFICIENT VALVES SHALL BE PROVIDED ON NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT SO THAT INCONVENIENCE AND SANITARY HAZARDS WILL BE MINIMIZED DURING REPAIRS.
18. ALL FIRE HYDRANTS THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL HAVE UNPLUGGED, UNDERGROUND DRAINS SHALL BE LOCATED AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., OR VACUUM-TYPE SEWERS; CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., OR VACUUM-TYPE SANITARY SEWER, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."
19. NEW OR ALTERED CHAMBERS, PITS, OR MANHOLES THAT CONTAIN VALVES, BLOW-OFFS, METERS, OR OTHER SUCH WATER DISTRIBUTION SYSTEM APPURTENANCES AND THAT ARE INCLUDED IN THIS PROJECT WILL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER, AND BLOW-OFFS OR AIR RELIEF VALVES INSTALLED UNDER THIS PROJECT SHALL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER.
20. NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS OR IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES.
21. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN TRENCHES FOR UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT. BACKFILL MATERIAL WILL BE TAMPED IN LAYERS AROUND UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE; AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE AWWA STANDARDS OR MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES) FOUND IN TRENCHES WILL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT.
22. ALL WATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS INSTALLED UNDER THIS PROJECT SHALL BE PROVIDED WITH RESTRAINED JOINTS TO PREVENT MOVEMENT.
23. NEW OR ALTERED WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL BE CONSTRUCTED OF ASBESTOS-CEMENT OR POLYVINYL CHLORIDE PIPE SHALL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C603 OR C605, RESPECTIVELY, AS INCORPORATED INTO RULE 62-555.330, F.A.C., AND ALL OTHER NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT SHALL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600 AS INCORPORATED INTO RULE 62-555.330.
24. NEW OR ALTERED WATER MAINS, INCLUDING FIRE HYDRANT LEADS AND INCLUDING SERVICE LINES THAT WILL BE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER, SHALL BE DISINFECTED AND BACTERIOLOGICALLY EVALUATED IN ACCORDANCE WITH RULE 62-555.340, F.A.C.
25. NEW OR ALTERED WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL BE INSTALLED IN AREAS WHERE THERE ARE KNOWN AGGRESSIVE SOIL CONDITIONS SHALL BE PROTECTED THROUGH USE OF CORROSION-RESISTANT WATER MAIN MATERIALS, THROUGH ENCASEMENT OF THE WATER MAINS IN POLYETHYLENE, OR THROUGH PROVISION OF CATHODIC PROTECTION.
26. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
27. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT SHALL HAVE A HORIZONTAL DISTANCE OF AT LEAST SIX AND TEN FEET IS PREFERRED BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER, EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
28. THE HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS MAY BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST TWELVE INCHES ABOVE THE TOP OF THE SEWER
29. A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."

30. NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE THE OTHER PIPELINE. NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE THE OTHER PIPELINE.
31. AT THE UTILITY CROSSINGS DESCRIBED ABOVE, SEPARATION DISTANCE SHALL NOT APPLY WHERE A WATER SERVICE PIPE CROSSES A SEWER PIPE, PROVIDED THE WATER SERVICE PIPE IS SLEEVED TO AT LEAST FIVE FEET HORIZONTALLY FROM THE SEWER PIPE CENTERLINE ON BOTH SIDES OF SUCH CROSSINGS PIPE MATERIAL LISTED IN FLORIDA BUILDING CODE SECTION 603.2.
32. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE POTABLE WATER MAIN EXTENSION. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER ON REPRODUCIBLE 20LB. YELLOW AND IN DIGITAL AUTOCAD FORMAT.
33. CONTRACTOR SHALL PROVIDE POTABLE WATER TEST REPORTS IN ACCORDANCE WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS AFTER DISINFECTION OF THE SYSTEM.

WATER & SEWER NOTES
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA

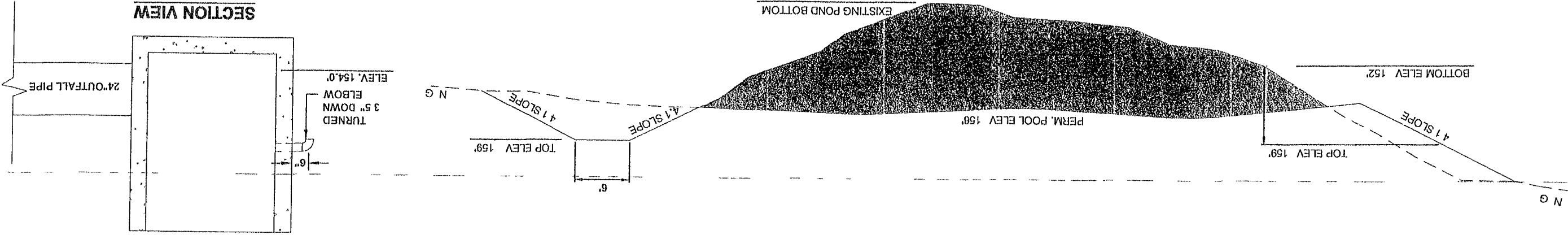


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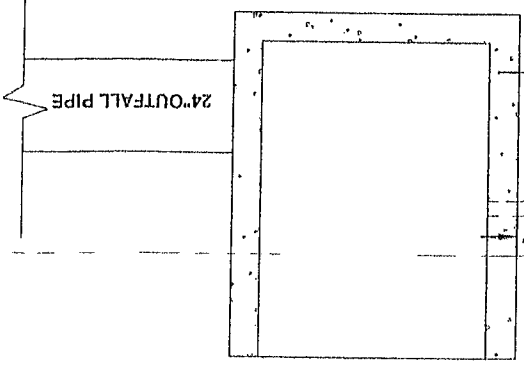
P.O. BOX 180998
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Ph. 877-535-1525
Eng. Lic.29011

JOB NUMBER L120924NEM			
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CHECKED BY	CM	IN CHARGE	PB
DATE	10/20/2012	SIGNATURE & SEAL	

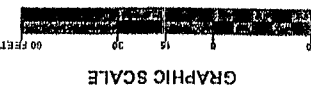
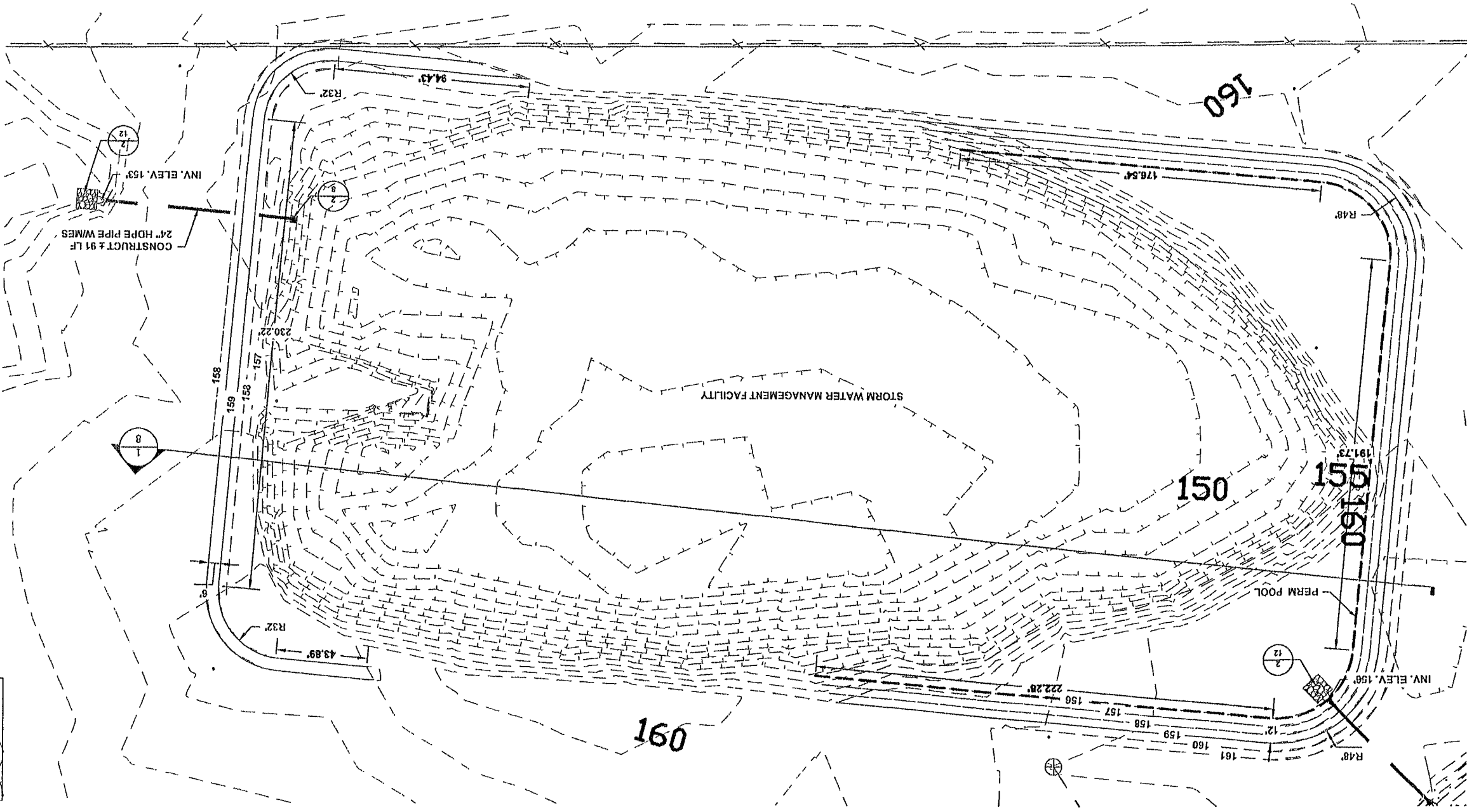
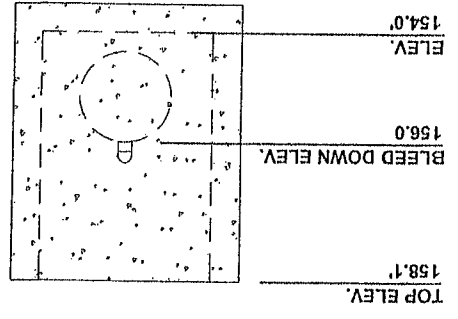
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8
SCALE: N.T.S.
STORMWATER MANAGEMENT FACILITY DETAIL



SECTION VIEW



END VIEW



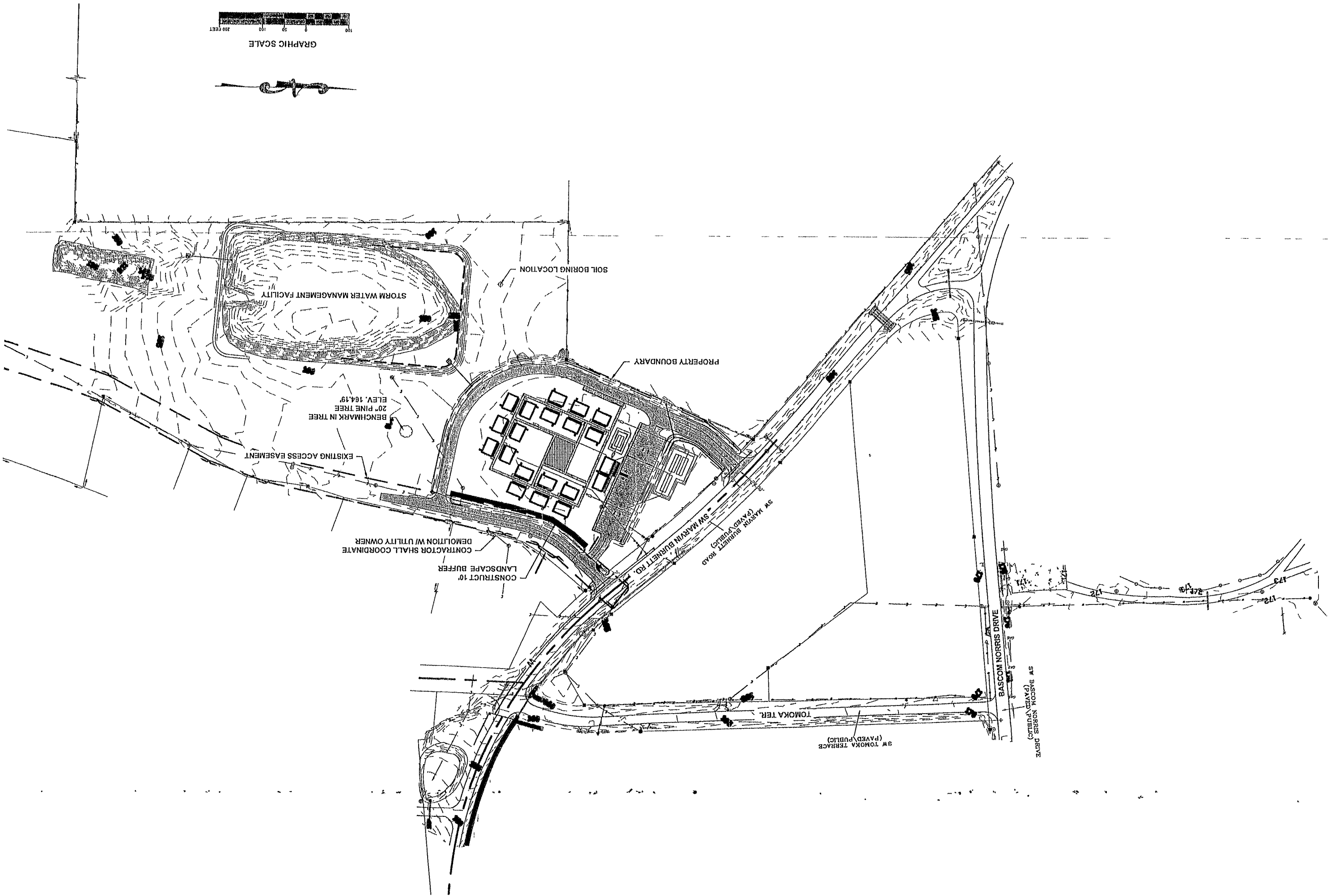
CRITICAL EVENT: 72 HR - 100 YR
CRITICAL EVENT STAGE: 158.1'

DATE	10/20/2012
DESIGNED BY	CM
DRAWN BY	CM
CHECKED BY	CM
IN CHARGE	CM
REVISIONS	

SWMF 01 PLAN
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA



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Erg. Lic. 25011



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OVERALL SITE PLAN
NEW GENERATION CHRISTIAN SCHOOL
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EROSION CONTROL NOTES

1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".

2. THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS, IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP'S FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".

3. THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.

4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPLACED AS NECESSARY.

6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.

7. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.

8. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.

9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.

10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.

11. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.

12. 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.

13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.

14. 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.

15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.

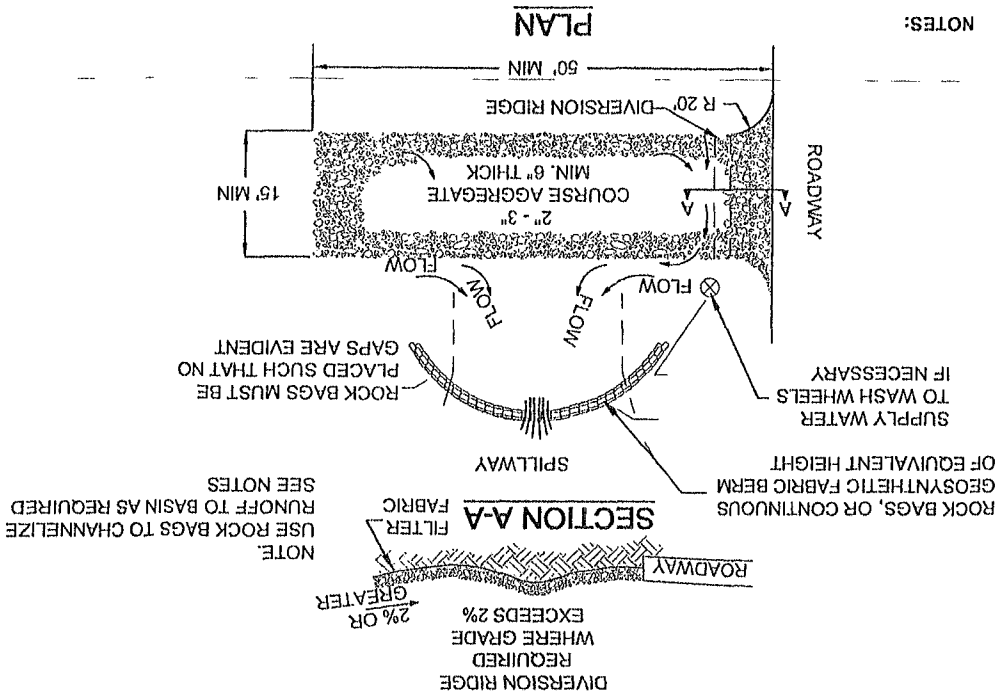
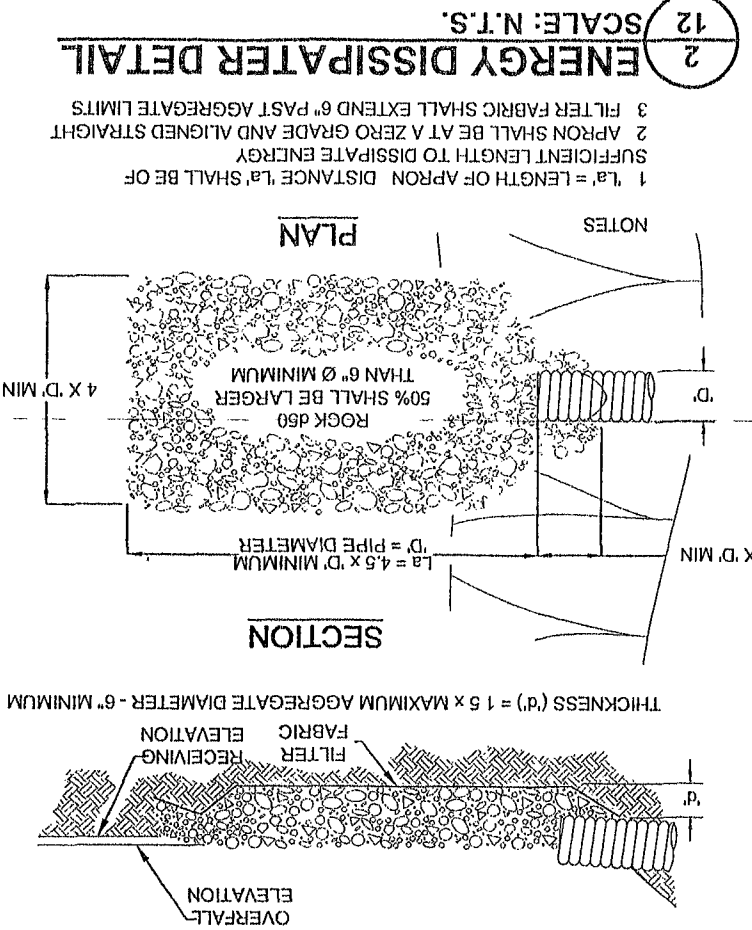
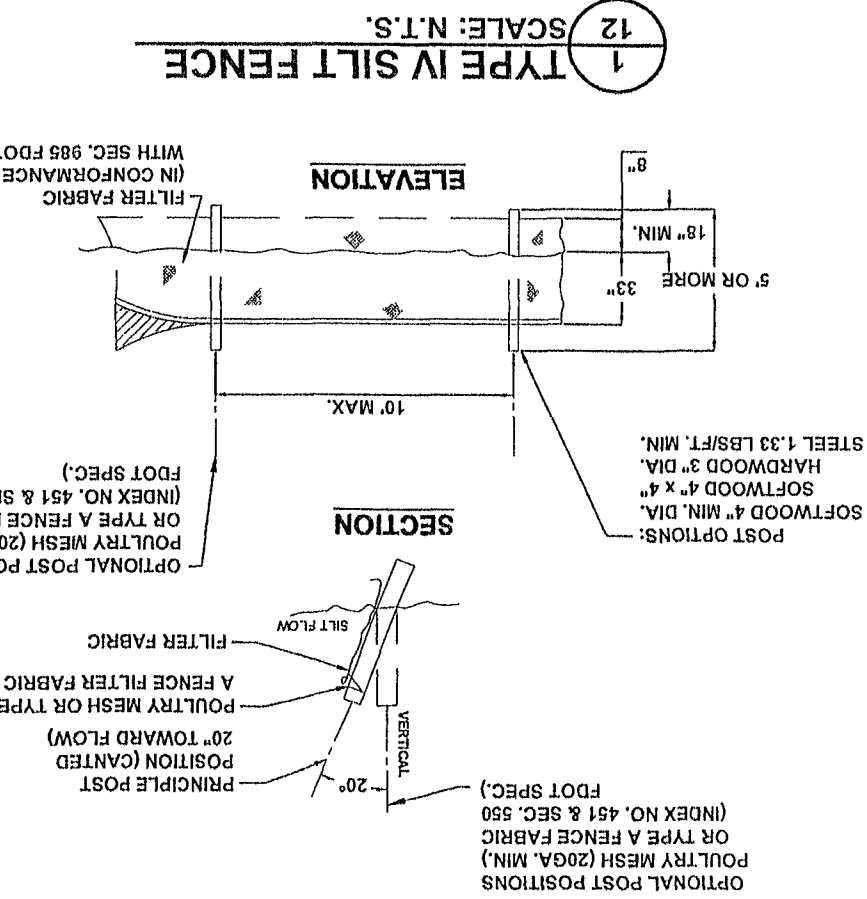
16. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.

17. EXCESS DIRT SHALL BE REMOVED DAILY.

18. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS. PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.

19. 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.

20. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINING INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 4. ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT.



DATE DESIGNED BY: 10/20/12
JOB NUMBER: L120924NEW
DESIGNED BY: CM
CHECKED BY: CM
SIGNATURE & SEAL: PB

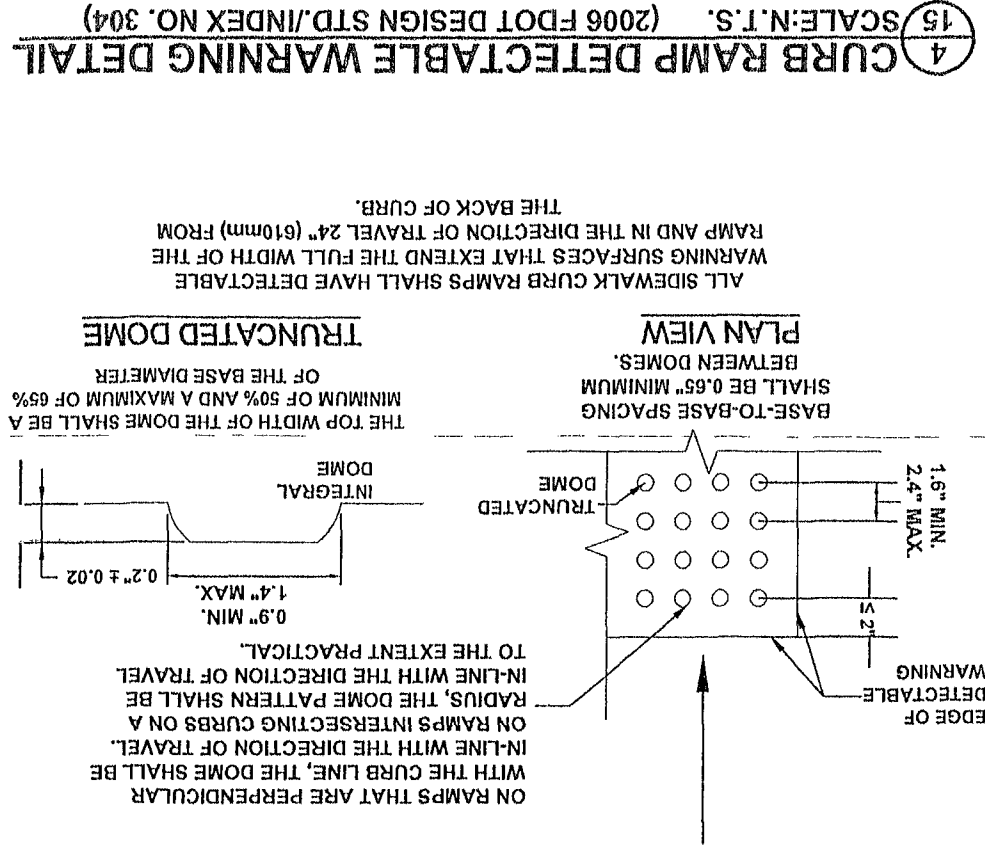
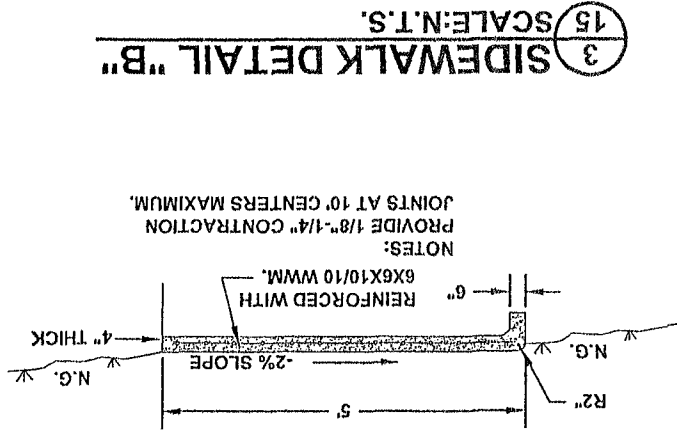
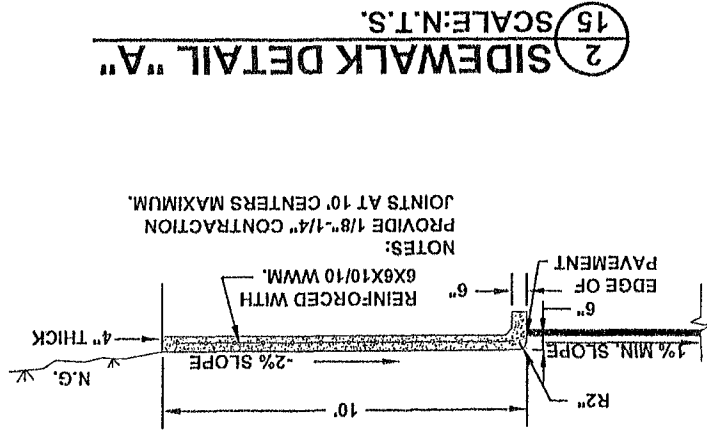
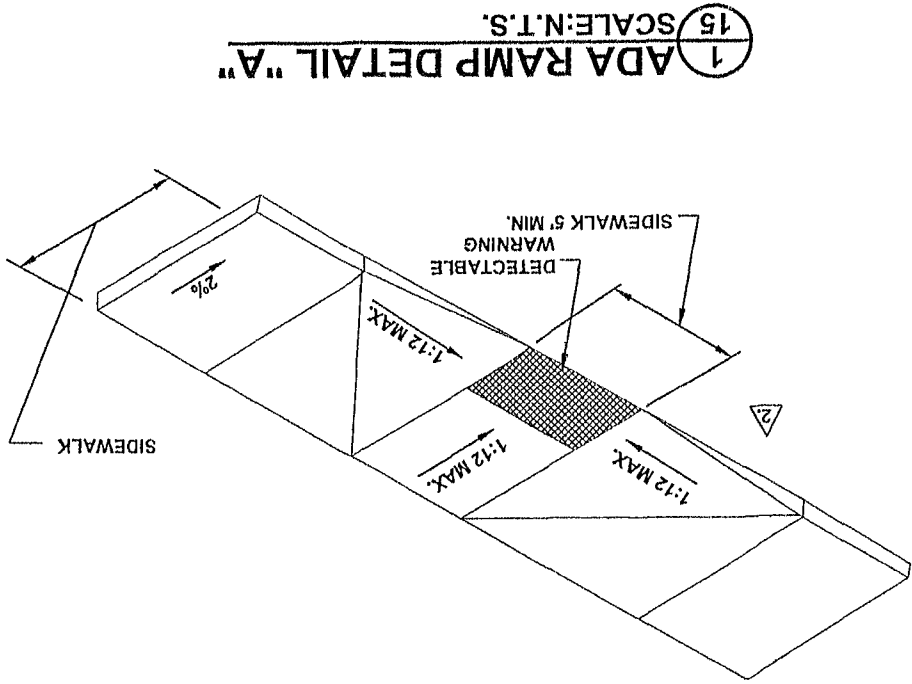
REVISIONS:

EROSION CONTROL PLAN
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA



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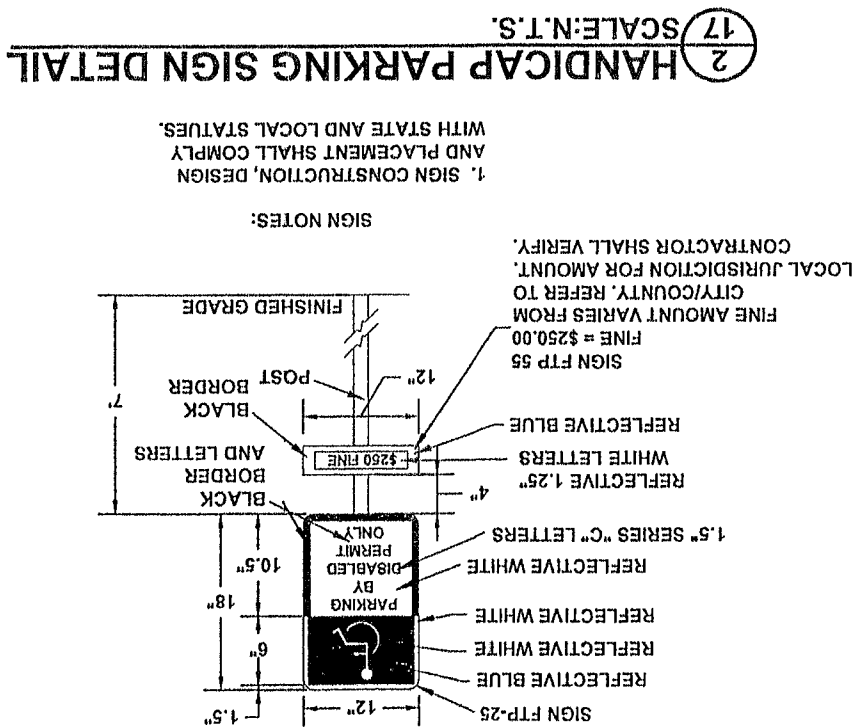
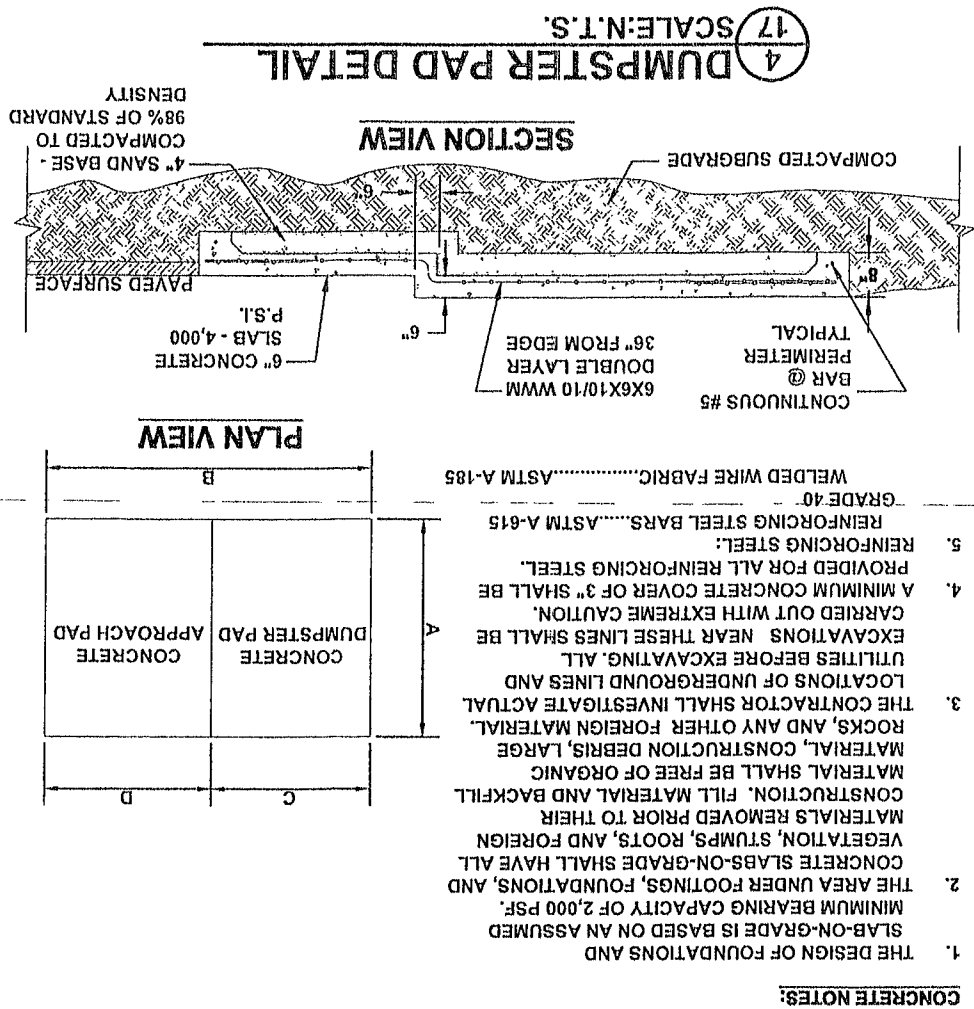
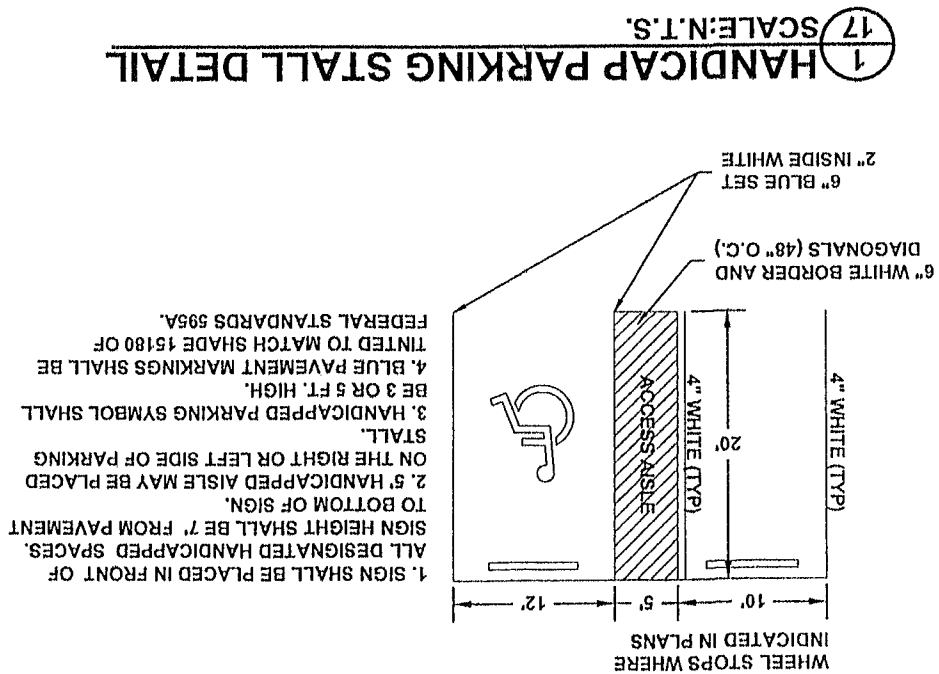
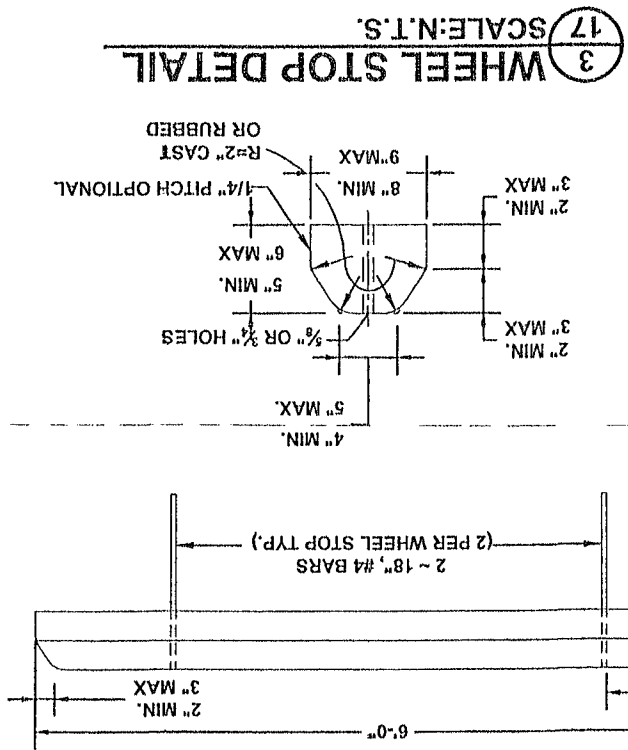
DESIGNED BY: L120924NEW
CHECKED BY: CM
SIGNATURE & SEAL: CM
PB

DETAILS
NEW GENERATION CHRISTIAN SCHOOL
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DETAILS

NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA



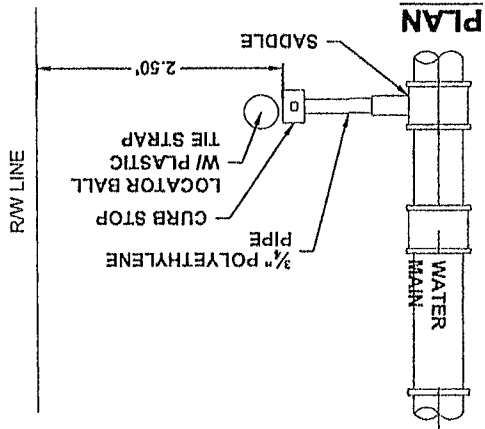
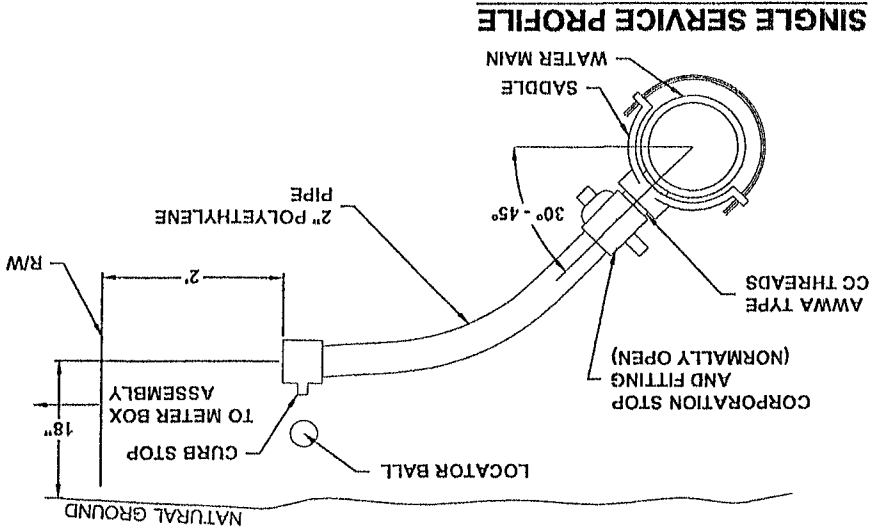
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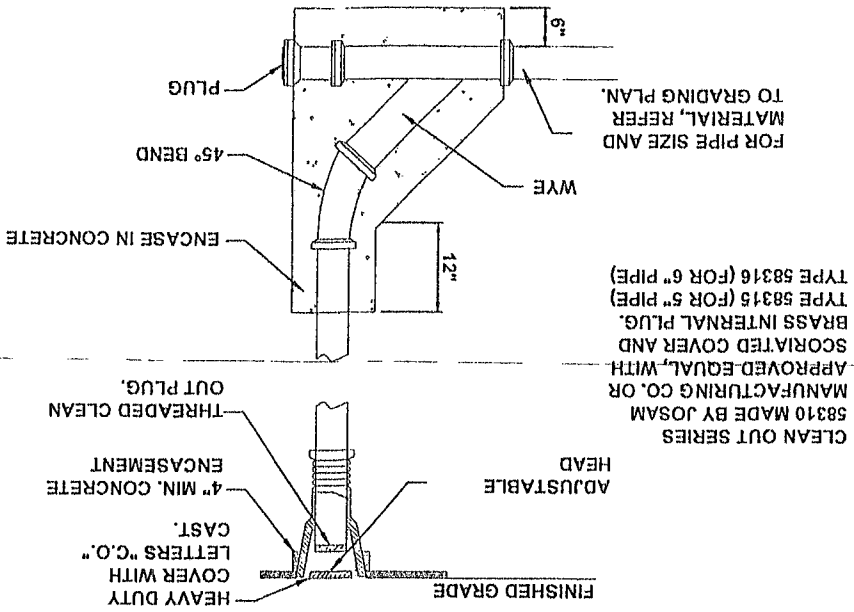
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10/20/2012	L13092ANNEW	
SHEET NO.	DESIGNED BY	
10	DRAFTED BY	
	CHECKED BY	
	CM	CM
		PB
	SIGNATURE & SEAL	

18 SCALE: N.T.S. 1 WATER SERVICE CONNECTION DETAILS

- NOTES:
1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/ PACK JOINT TYPE CONNECTIONS.
 2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
 3. EACH SERVICE SHALL TERMINATE AT A CURB STOP WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH THE TOP PAINTED BLUE AND MARKED WITH THE NUMBER OF THE LOT TO BE SERVED.
 4. CONTRACTOR SHALL PROVIDE LOCATOR BALLS W/ PLASTIC TIE STRAPS. LOCATOR BALLS SHOULD BE SECURED TO LATERAL W/ TIE STRAP.



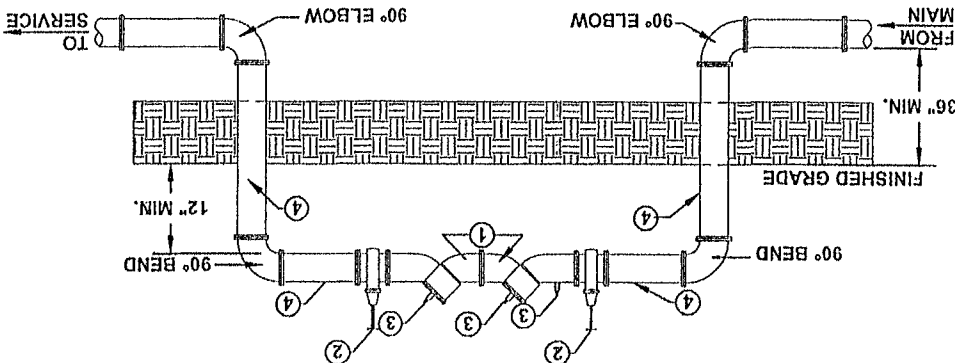
18 SCALE: N.T.S. 4 CLEANOUT DETAIL



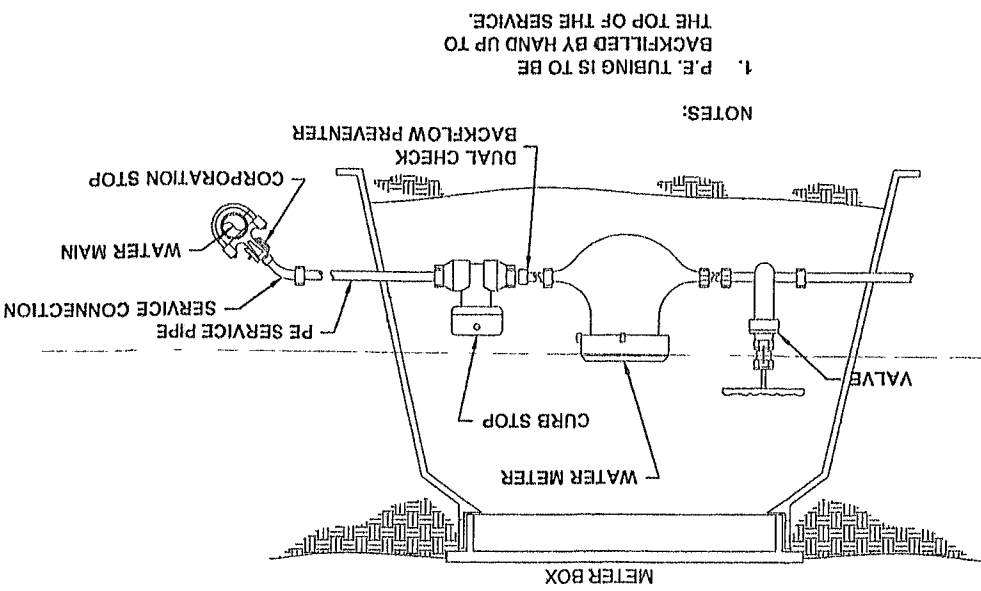
18 SCALE: N.T.S. 2 DOUBLE CHECK BACKFLOW PREVENTER

- NOTES:
1. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
 2. UNDER NO CIRCUMSTANCES, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION OTHER THAN BACKFLOW DEVICE TESTING.
 3. PROVIDE AND INSTALL COVER OVER BACKFLOW PREVENTER AS REQ'D BY LOCAL AUTHORITIES

ITEM	DESCRIPTION
1	BACKFLOW PREVENTER
2	GATE VALVE
3	TEST COCKS
4	DUCTILE IRON PIPE - FLANGED END x FLANGED END

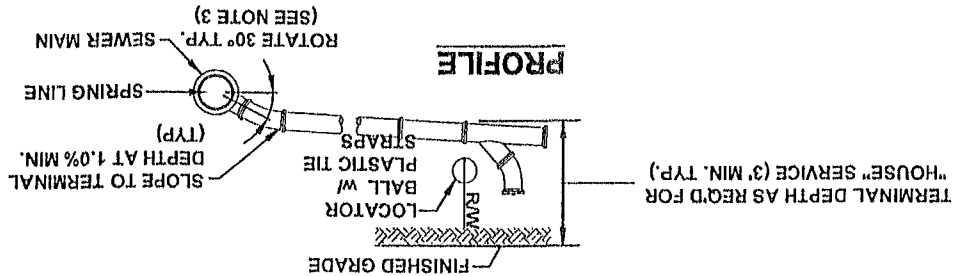
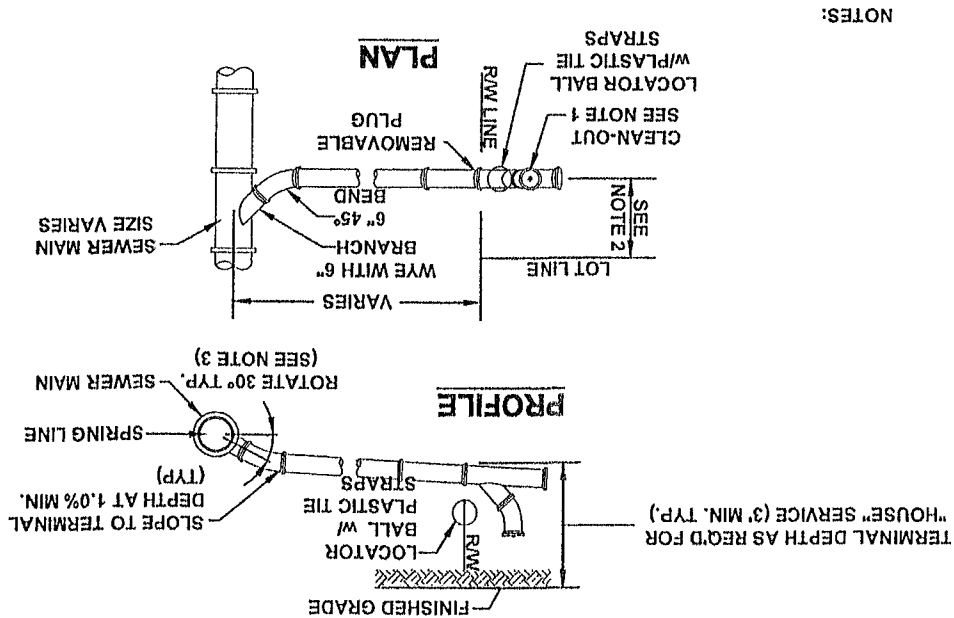


18 SCALE: N.T.S. 5 METER BOX ASSEMBLY



18 SCALE: N.T.S. 3 SANITARY SEWER SERVICE LATERALS

- NOTES:
1. CLEAN-OUT (SHOWN LIGHTER) SHALL BE INSTALLED BY THE BUILDER IN ACCORDANCE WITH STANDARD PLUMBING CODE.
 2. LOCATE SINGLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE, 25" MAXIMUM.
 3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
 4. CONTRACTOR SHALL PROVIDE LOCATOR BALLS W/ PLASTIC TIE STRAPS. LOCATOR BALLS SHALL BE SECURED TO LATERAL W/ PLASTIC TIE STRAPS.

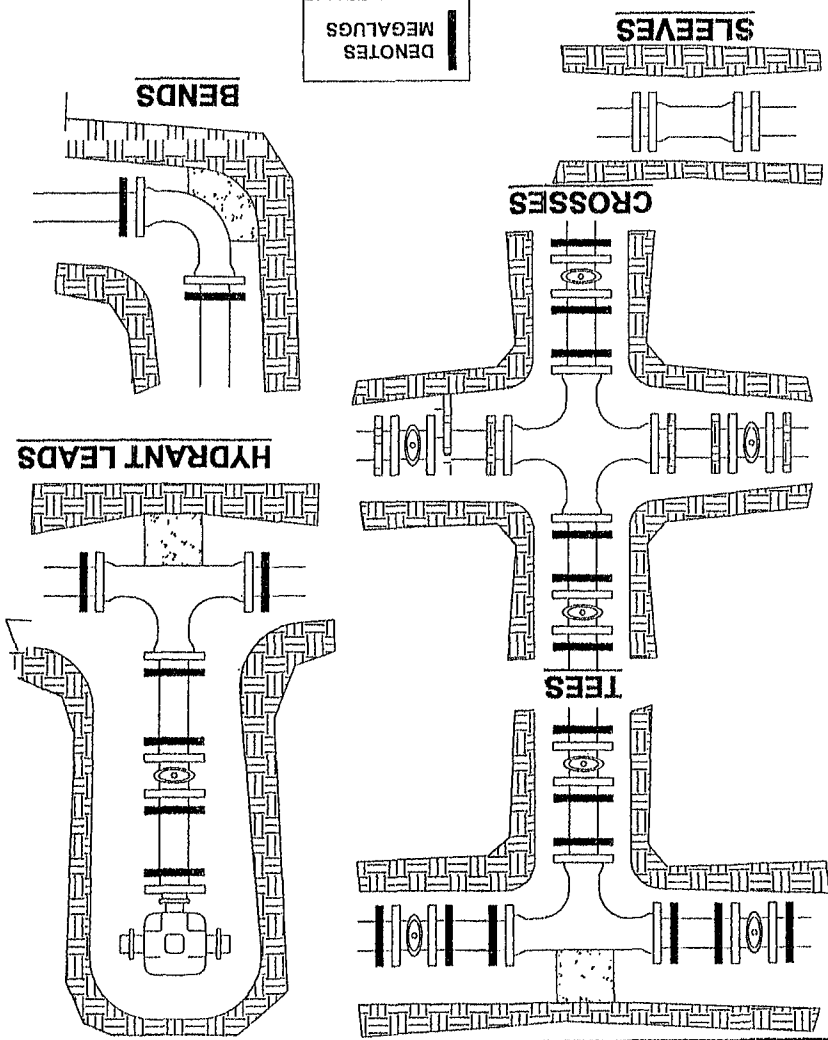


19
1
MEGALUG DETAILS
SCALE: N.T.S.

NOMIN	AL	SIZE	(IN.)	4	6	8	10	12	14	16	18	20	24	30	36	42	48	52	25	12	140	30	340
HORIZONTAL BENDS	90°	BEND	S	20	28	36	40	20	23	26	29	32	36	40	48	115	125	45°	11	125	125	24	300
VERTICAL	45°	BENDS	S	8	10	14	18	9	10	11	12	13	15	18	20	23	25	11.25°	4	52	52	8	120
OFFSETS	11-25°	BENDS	L (FT.)	2	5	6	8	4	5	6	7	8	10	12	15	18	20	11.25°	2	140	140	30	340
DEAD-ENDS	45°	BENDS	LU	3	4	5	6	4	5	6	7	8	10	12	15	18	20	11.25°	2	140	140	30	340
S OR	45°	BENDS	LI	3	4	5	6	4	5	6	7	8	10	12	15	18	20	11.25°	2	140	140	30	340

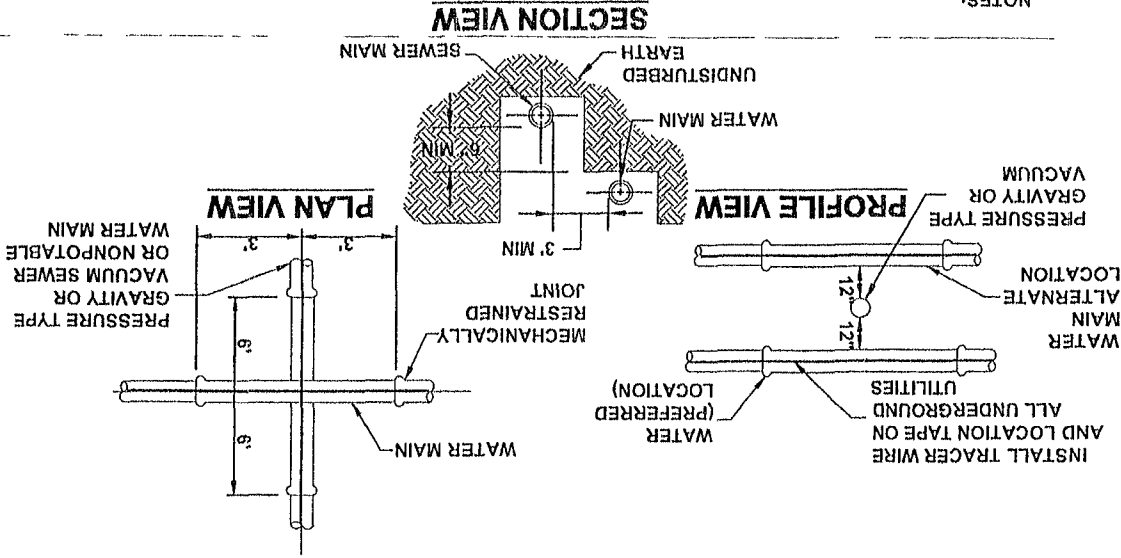
1. DUCTILE IRON FITTINGS TO BE RESTRAINED TO PVC (C900) PIPE WITH SERIES 2000 PVC MECHANICAL RESTRAINT GLANDS AS MANUFACTURED BY EBAA IRON, INC. OR EQUAL.
2. PVC (C900) PIPE TO BE RESTRAINED EACH SIDE OF FITTINGS FOR LENGTHS AS NOTED IN TABLE BELOW. RESTRAINT WILL BE ACCOMPLISHED WITH DUCTILE IRON RESTRAINT HARNESS CONFORMING TO ASTM A-536. RESTRAINT HARNESS TO BE SERIES 1600 AS MANUFACTURED BY EBAA IRON, INC. OR EQUAL.
3. THE TABLE BELOW SHOWS TYPICAL NUMBERS OF 20' LENGTH SECTIONS OF PIPE TO BE MECHANICALLY RESTRAINED FOR THE FOLLOWING ASSUMPTIONS (1) DEPTH OF COVER = 36", (2) TEST PRESSURE = 150 PSI, (3) SAFETY FACTOR = 1.5, (4) LAYING CONDITIONS = PIPE EMBEDDED IN LOOSE CLEAN SAND AND COMPACTED TO TOP OF PIPE (APPROXIMATELY 90% STANDARD PROCTOR)
4. MEGALUGS TO BE USED ARE MECHANICAL JOINTS
5. PLACE CONCRETE BLOCK UNDER ALL GATE VALVES AND HYDRANTS.
6. PLACE RESTRAINTS AT ALL TEES, BENDS, AND AT HYDRANTS.
7. ALL BOLTS INCLUDING T-BOLTS SHALL BE STAINLESS STEEL.

PIPE RESTRAINT NOTES:

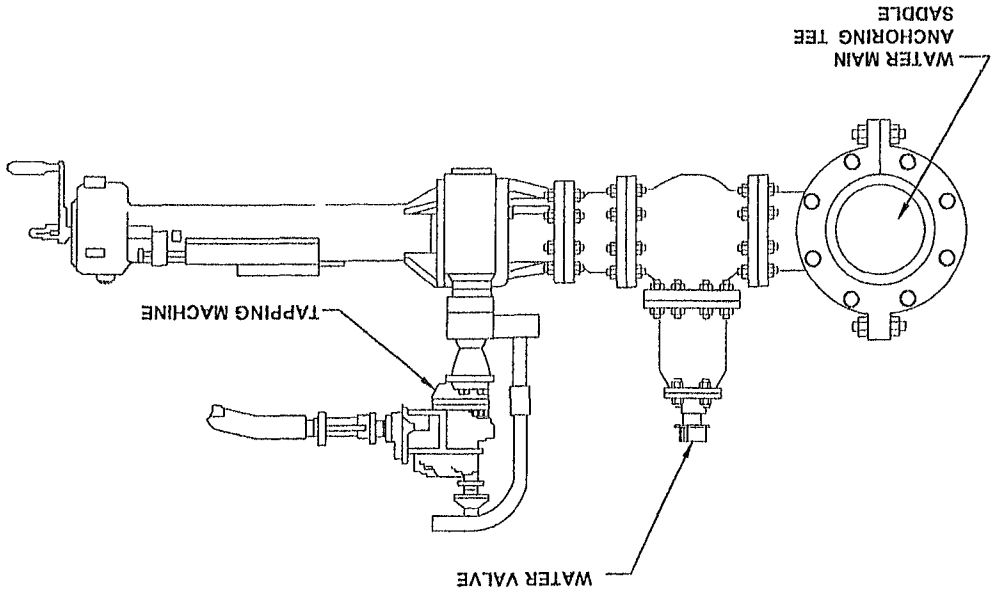


19
3
WATER/SEWER SEPARATION DETAILS
SCALE: N.T.S.

- NOTES:
1. THE MINIMUM HORIZONTAL DISTANCE BETWEEN THE OUTSIDE OF A WATER MAIN AND SEWER MAIN SHALL BE 6' WITH A PREFERRED 10' SEPARATION.
2. WHERE A 10 FOOT PARALLEL SEPARATION CANNOT BE MAINTAINED BETWEEN A WATERMAIN AND A SEWER MAIN OR NON-POTABLE WATER MAIN, THEN THE WATER MAIN SHALL BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER MAIN OR NON-POTABLE WATER MAIN. THE HORIZONTAL SEPARATION SHALL BE NO LESS THAN 3'.
3. WHEN A SEWER MAIN AND A WATER MAIN CROSS, THE WATERMAIN SHOULD BE A MINIMUM OF 18" ABOVE OR BELOW THE SEWER.
4. FOR ALL PIPE CROSSINGS, THE PIPE JOINTS SHALL BE ARRANGED SO THAT ALL PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN SIX FEET BETWEEN ANY TWO JOINTS.
5. IF THE HORIZONTAL OR VERTICAL CLEARANCE LISTED HEREIN CANNOT BE ACHIEVED THE WATERMAIN CAN BE ENCASED IN 4" OF CONCRETE.



19
2
WET TAP AND SADDLE ASSEMBLY
SCALE: N.T.S.



DETAILS

NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA

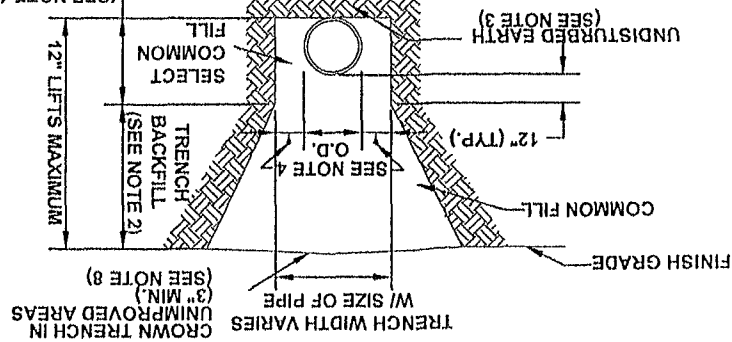


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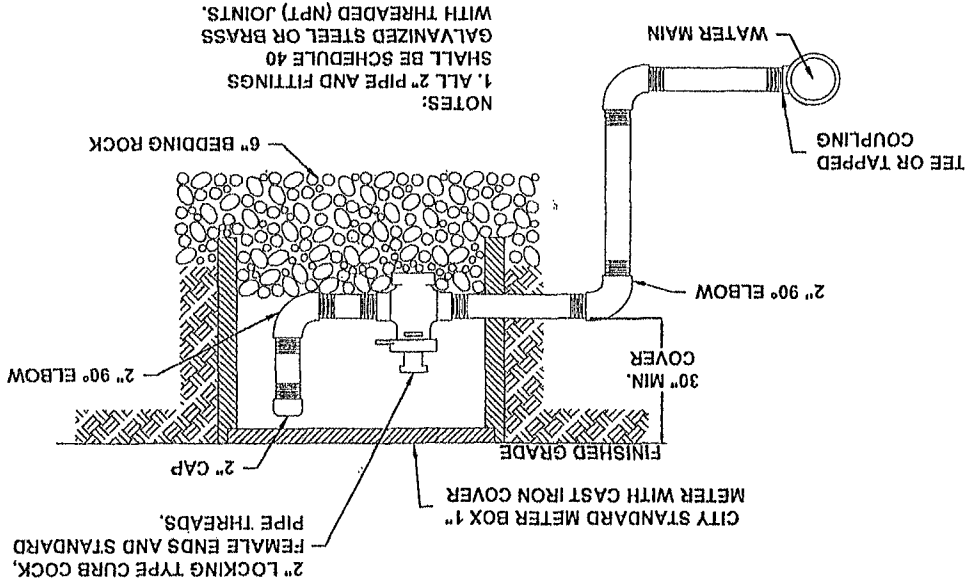
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Eng. Lic. 25901

1 TRENCH AND BACKFILL DETAILS

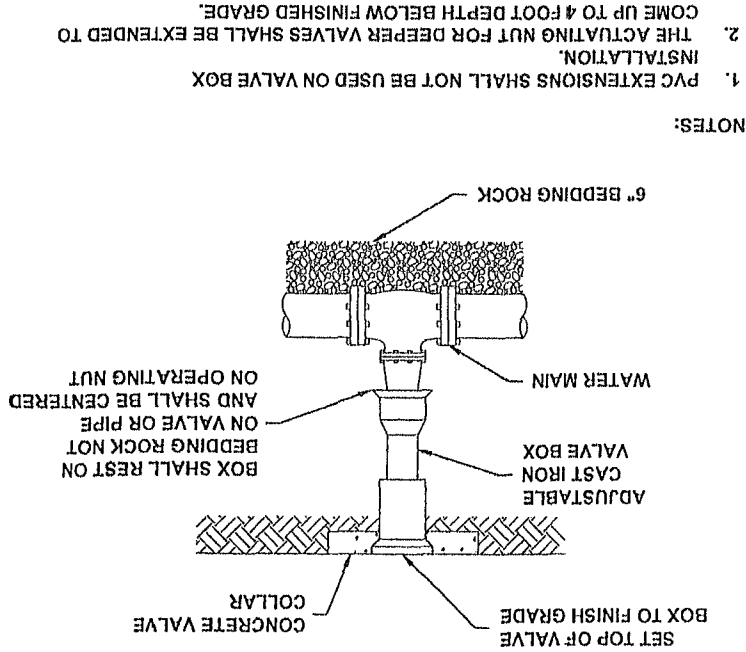
- CONSTRUCTION SPECIFICATIONS.
- AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE ROAD GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF SAFETY.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN DIRECTION OF THE FLOW.
7. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE PIPE DIRECTION.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING PIPE DRAINAGE.
4. (1) 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.



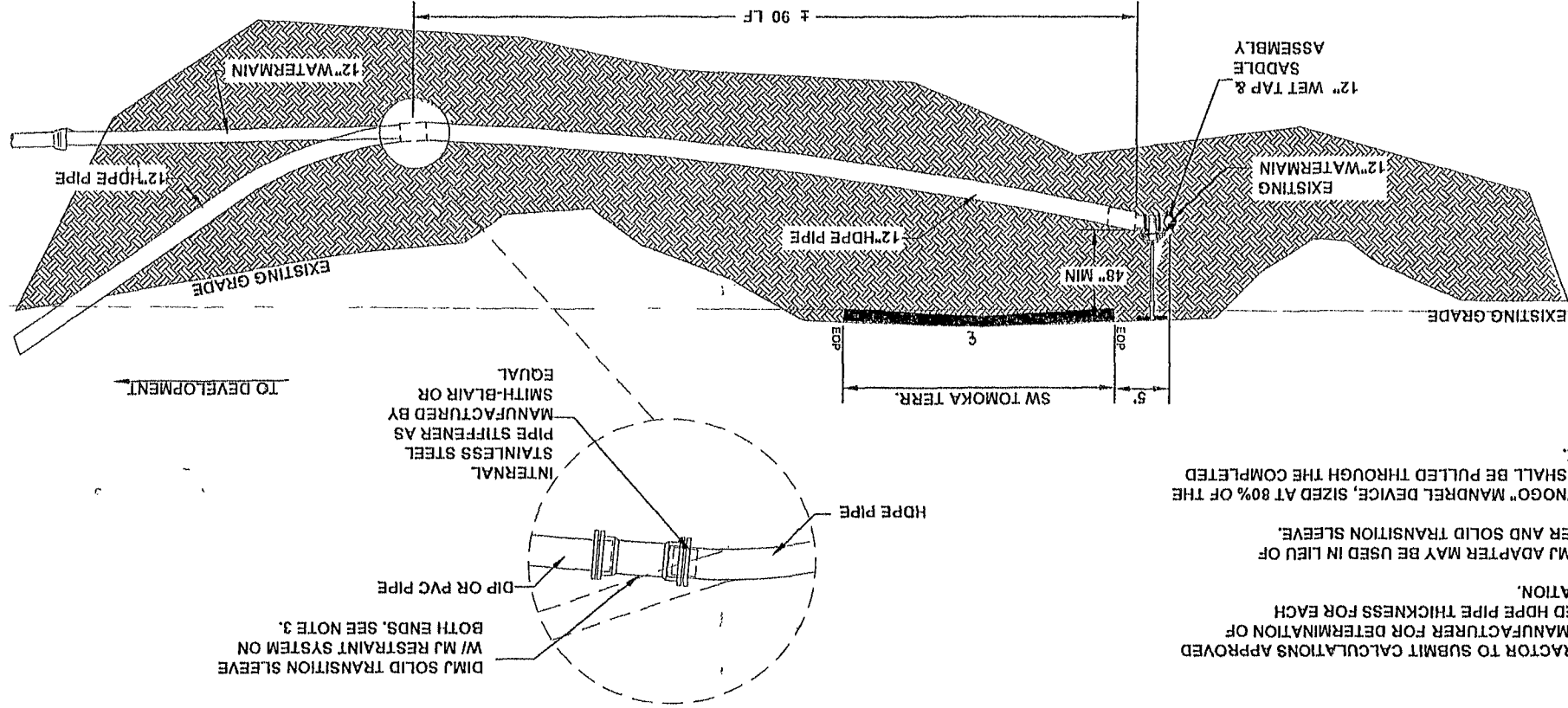
2 FLUSHING VALVE DETAIL



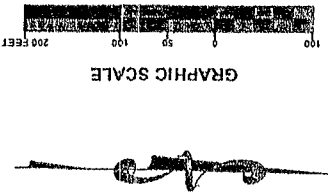
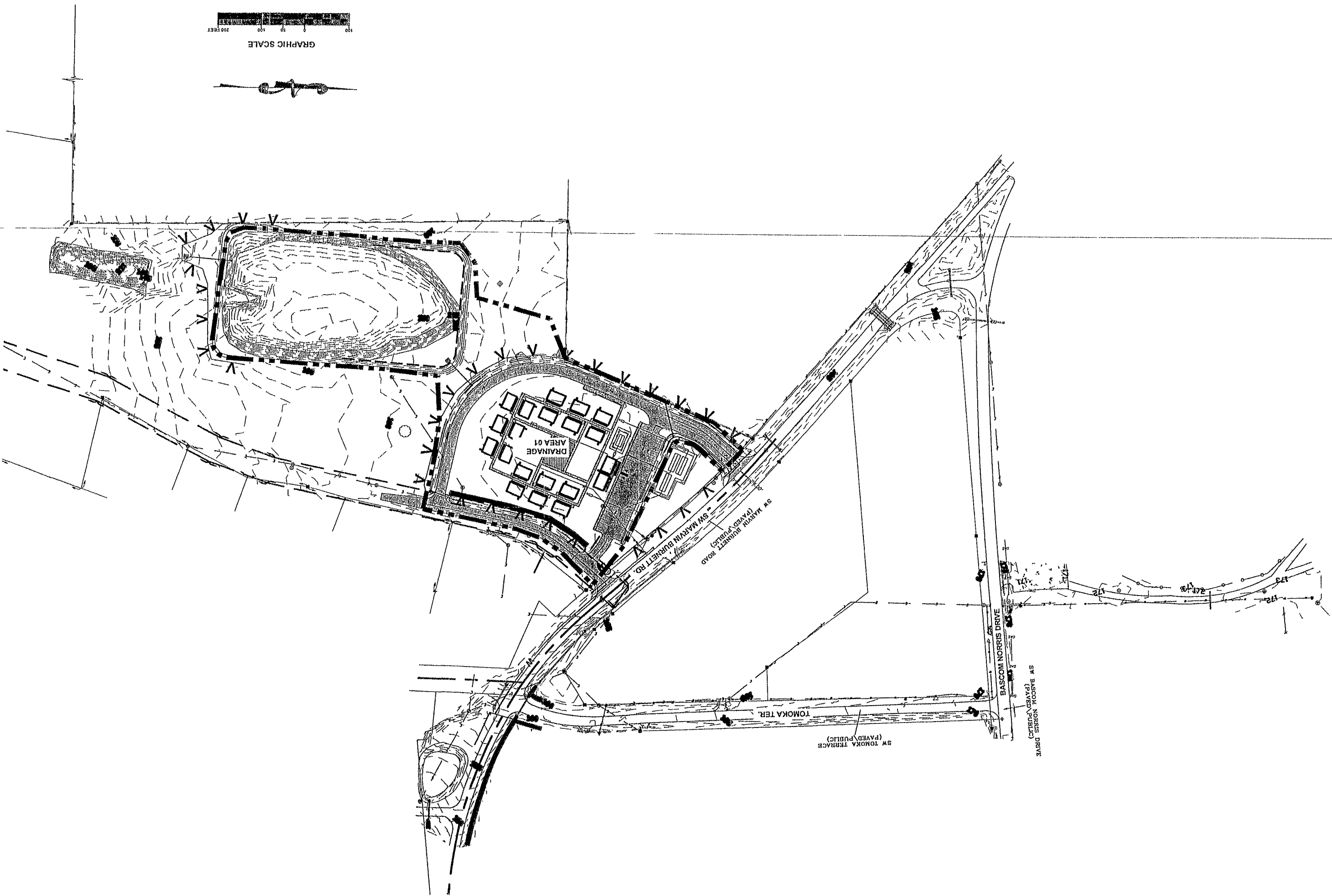
3 VALVE AND BOX DETAIL



4 DIRECTIONAL BORE DETAIL



1. CONTRACTOR TO SUBMIT CALCULATIONS APPROVED BY PIPE MANUFACTURER FOR DETERMINATION OF REQUIRED HDPE PIPE THICKNESS FOR EACH INSTALLATION.
2. HDPE/MJ ADAPTER MAY BE USED IN LIEU OF STIFFENER AND SOLID TRANSITION SLEEVE.
4. A "GO/NOGO" MANDREL DEVICE, SIZED AT 80% OF THE PIPE I.D. SHALL BE PULLED THROUGH THE COMPLETED PIPELINE.



DATE: 10/20/12	JOB NUMBER: L 120924NEW
DESIGNED BY: CM	DRAFTED BY: CM
CHECKED BY: PB	SIGNATURE & SEAL:

REVISIONS:

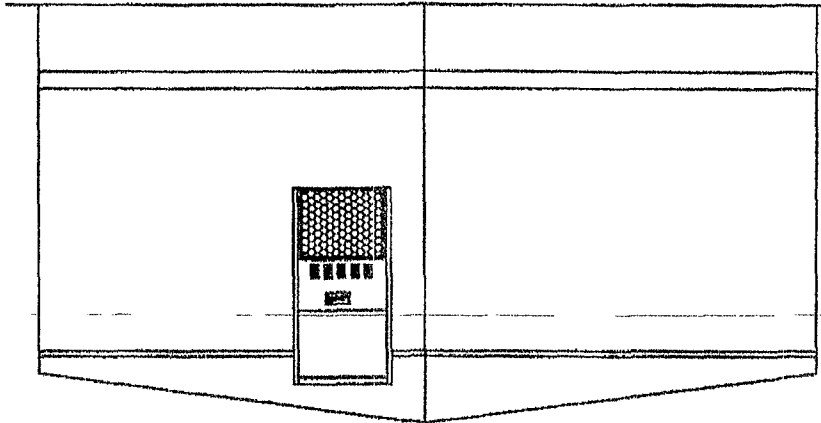
POST DEVELOPED DRAINAGE AREA MAP
NEW GENERATION CHRISTIAN SCHOOL
LAKE CITY, FLORIDA



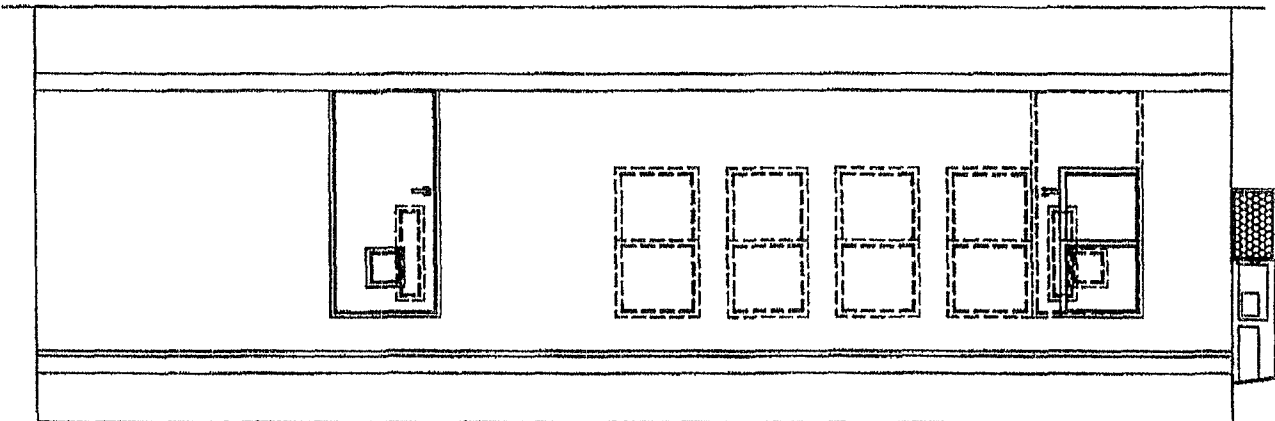
North Florida Professional Services, Inc.
P.O. BOX 3823
Lake City, FL 32025
Ph: 386-752-4675
Fax 386-752-4674

P.O. BOX 160958
Tallahassee, FL 32316
Ph: 877-338-1526
ECS Lic. 25011

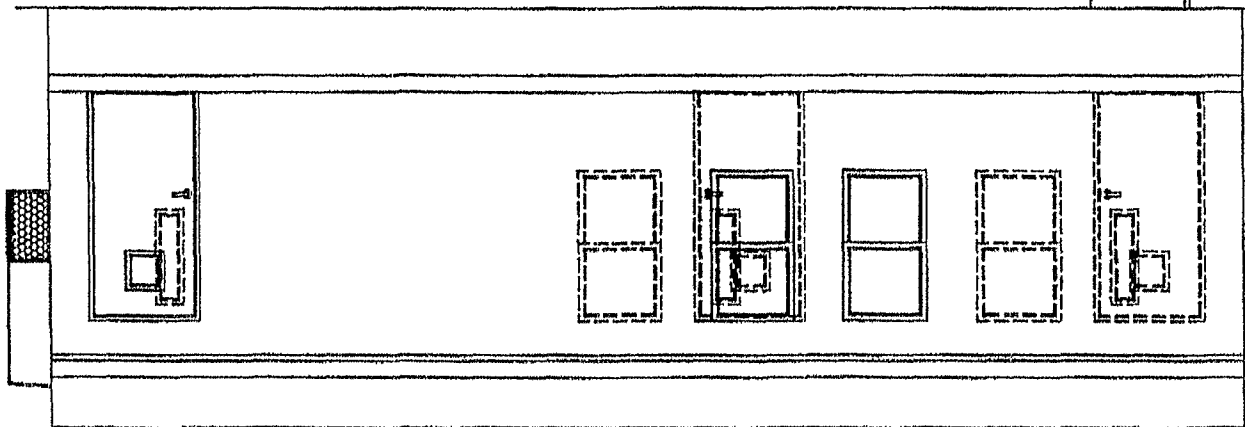
RIGHT SIDE ELEVATION
SCALE: 3/16"=1'-0"



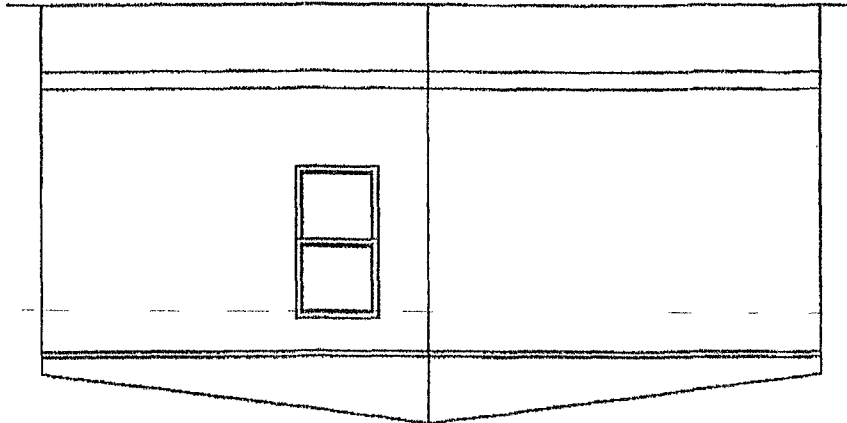
REAR ELEVATION
SCALE: 3/16"=1'-0"



FRONT ELEVATION
SCALE: 3/16"=1'-0"



LEFT SIDE ELEVATION
SCALE: 3/16"=1'-0"



PROCC

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE
FLORIDA BUILDING CODE AND ADHERE
TO THE FOLLOWING CRITERIA:

CONSTR. TYPE: 1/2(V-9)
OCCUPANCY: E/(SHEET)/(SA-2)
ALLOWABLE NO. OF FLOORS: 1
WIND VELOCITY: 110/(120, 3 SEC.)
FIRE RATING OF EXT. WALLS: 0
PLAN NO.: 0
ALLOW FLOOR LOAD: 40
APPROVAL DATE: 11/15/06
MANUFACTURER: RESUN
HURRICANE ZONE: NO

THIRD PARTY
RACCOON, INC.
3455 - A CRENSHAW STREET
TAMPA, FL 33634

ELEVATION NOTES (TYP)

- 1) SEE CROSS SECTION FOR METHOD OF ROOF VENTILATION
- 2) HANDICAP RAMP(S), STAIR(S), AND HANDRAILS ARE TO BE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL
- 3) FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA, AND AN 18" x 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL
- 4) DOOR AND WINDOW LOCATIONS MAY VARY. A. AT LEAST ONE EXT. DOOR IS TO BE LOCATED ON EACH SIDEWALL. B. A MAXIMUM OF ONE WINDOW ON EACH ENDWALL. C. A MAXIMUM OF FIVE WINDOWS PER BUILDING.

RESUN LEASING
830 EAST LAMAR STREET
ORLANDO, FL 32834
(407) 240-6767

EXTERIOR ELEVATIONS

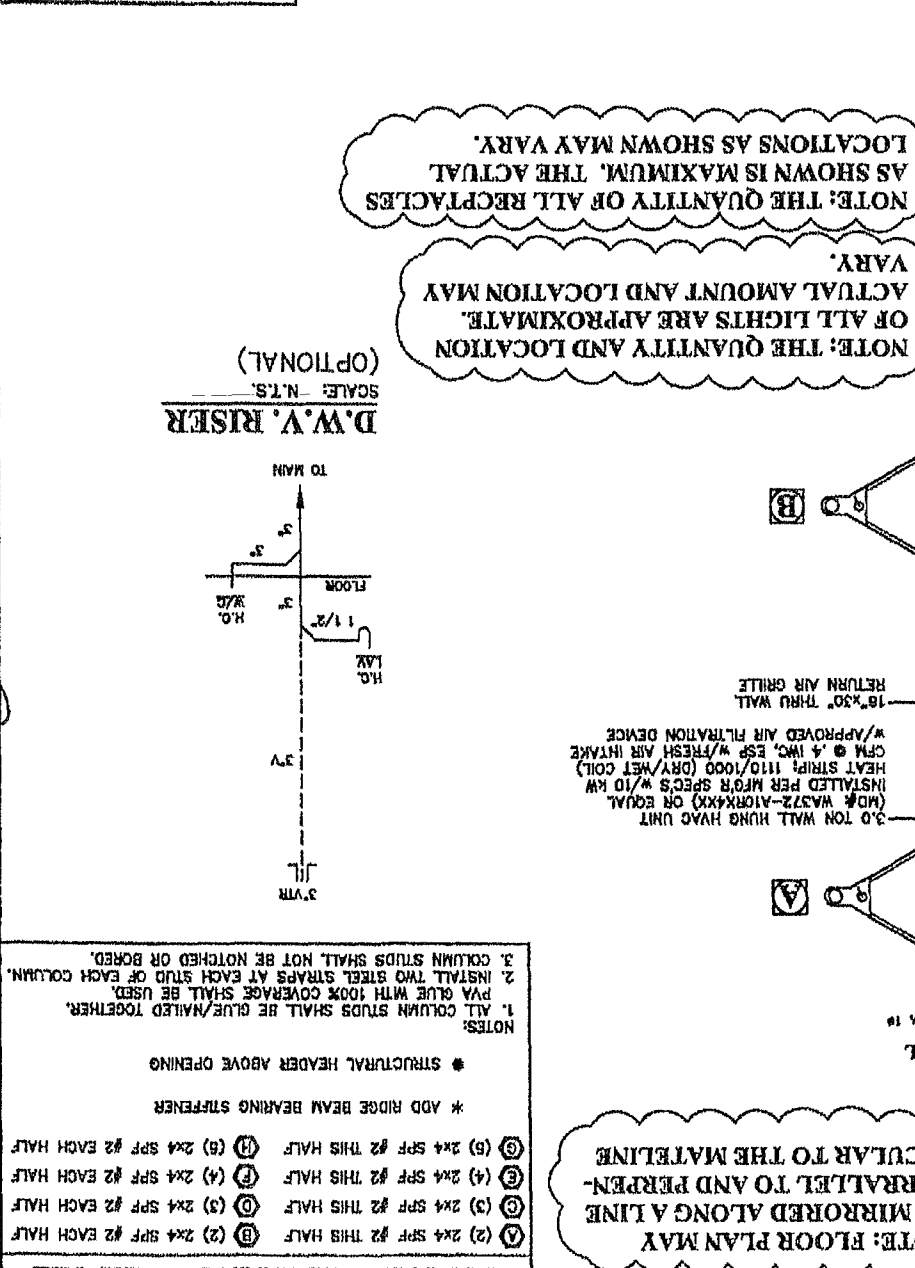
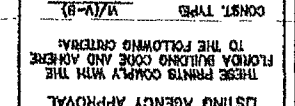
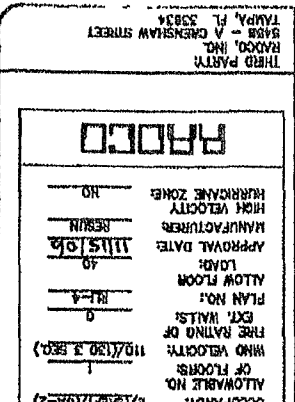
DATE: 11-19-06
SCALE: 3/16"=1'-0"
DRAWN BY: J.L.B.
CHECKED BY: W.J.M.
DRAWING NO.: A.B.-2006-0342
MANUFACTURER: RESUN
SERIAL NO.: STOCK
BUILDING SIZE: 24'x36'
SEE NOTES
LABELS:
JOB NO. #
RL-4

WEST
WILLIAM J. LUCIAN, P.E.
REGISTERED PROFESSIONAL ENGINEER
FLORIDA, LICENSE NO. 10000
P.E. (227) 461-2000

W. J. Lucian
11/15/06

①	PROGRAMMABLE A/C THERMOSTAT @ 53° F.F.
②	J-BOX @ 18" A/C WALL SWITCH - 10 TO BE WIRED BACK TO HORN/STRONG (2nd, SHIELD DANG.)
③	J-BOXES @ 48" A.C.F. WALL SWITCH AND HORN/STRONG @ 48" A.C.F. SHIELD DANG.)
④	J-BOX @ 80" A.C.F. FOR STRONG ONLY (80" 80" 48" DOUBLE DANG.)
⑤	J-BOX @ 80" A.C.F. FOR STRONG ONLY (80" 80" 48" DOUBLE DANG.)
	ILLUMINATED EXIT SIGN AND EMERGENCY LIGHTING COMBO w/ BATTERY BACK-UP
	EXHAUST FAN-100 CFM (UNLESS NOTED)
	EXHAUST FAN & LIGHT COMBO-100 CFM (UNLESS NOTED)
	HVAC PRESSURIZER RELIEF VENT
	RECESSED INCANDESCENT LIGHT FIXTURE (40W MAX)
	WALL MOUNTED RECESSED LIGHT FIXTURE (40W MAX)
	WALL MOUNTED RECESSED LIGHT FIXTURE (40W MAX)
	HVAC DISCONNECT

4.7	LIGHT & FAN	16A *	14-2 NM *
6	RECEPTS	16A *	14-2 NM *
SEE ELECTRICAL NOTE #1.			
ELECTRICAL PANEL SIZING			
DESCRIPTION			
0.05	SW/ SF *	0.40	SF * 1.25
1.0	RECEPTS	160 VA / 1000	
1.0	WATER HEATER	3.5 KW	
1.0	FANS *	3 KW * 1.25	
1.0	HVAC *	10.00 KW (CA.)	
18.23	TOTAL KW		
		240 V. 16 PHASE	
	125 AMP PANEL		
	71.54		AMPS



RESUN LEASING 820 EAST LAMAR STREET DALLAS, TX 75204 (214) 246-8877	SERIAL NO. # STOCK 24736 SEE NOTES LABEL RU-4	MANUFACTURER WATKINS DATED 11-15-76 BY <i>[Signature]</i>	DATE 11/15/76	RECEIVED BY DATE BY	DOCUMENT
--	--	--	--	--	---------------------------------

- NOTES:
1. MICRO-LAM F = 2,800 PSI.
 2. MICRO-LAM MUST BE CONTINUOUS OVER CLEARSPAN(S).
 3. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS TO THE RIDGE.
 4. FASTEN ROOF SHEATHING INTO TOP EDGE OF MICRO-LAM TO PROVIDE CONTINUOUS BEAM.
 5. INSTALL (2) 4" x 20" SPF #2 RIDGE BEAM BEARING STIFFNESS OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN. FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND (8) 16 GA. STAPLES WITH 3/4" MINIMUM PENETRATION INTO MICRO-LAM BEAM.
 6. WHEN MORE THAN ONE LAYER OF MICRO-LAM IS INSTALLED ON EITHER SIDE OF THE BUILDING MATE LINE, STAPLES ON THAT SIDE OF THE MATE LINE MUST BE FASTENED TOGETHER WITH 7/16" GA. STAPLES x 7/16" MINIMUM CROWN (INSTALLED PARALLEL TO BEAM SPACING) x 3/4" MINIMUM PENETRATION INTO CONNECTING LAYER. STAPLES SHALL BE PLACED @ 8" O.C. MAXIMUM VERTICALLY AND HORIZONTALLY WITH FIRST AND LAST ROW OF STAPLES LOCATED 1" FROM TOP AND BOTTOM EDGE OF BEAM RESPECTIVELY.

RIDGE BEAM CONSTRUCTION:

INTERIOR FINISH MATERIAL:

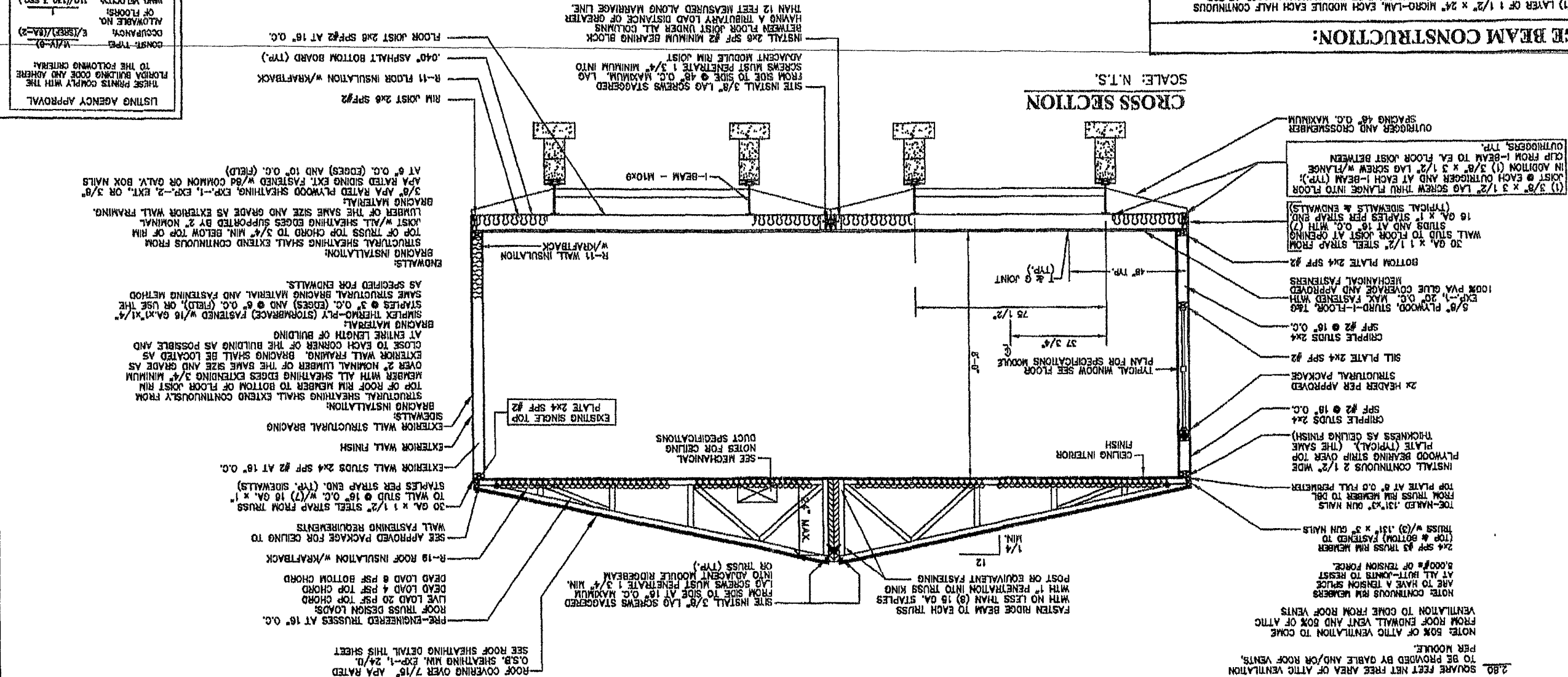
- CEILING - 1/2 INCH GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS. (PRE-FINISHED)
- WALL: 3/8" VINYL COVERED GYPSUM BOARD - THRU OUT
- FLOOR: VINYL ROLL GOODS - R/RM ONLY
- CARPET - REMAINDER
- INSTALLED PER MANUFACTURER'S SPECIFICATIONS

EXTERIOR FINISH MATERIAL:

- ROOF: 30 GA. GALVANIZED METAL ROOF COVERING INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- WALL: .018 INCH ALUMINUM SIDING OVER APPROVED MOISTURE BARRIER AND/OR BRACING MATERIAL.

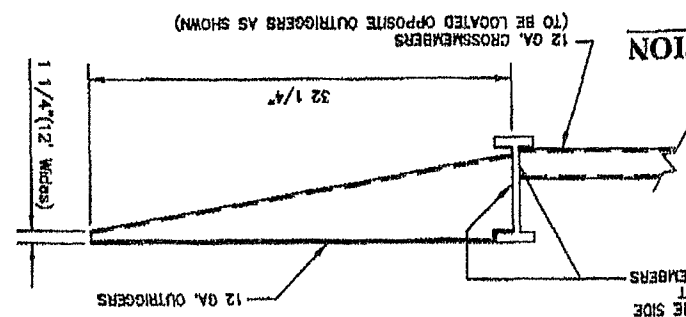
CROSS SECTION

SCALE: N.T.S.



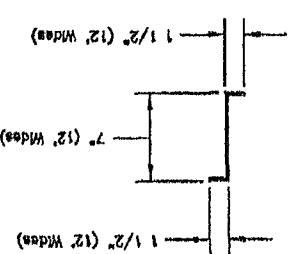
CROSSMEMBER SECTION

SCALE: N.T.S.



OUTRIGGER SECTION

SCALE: N.T.S.

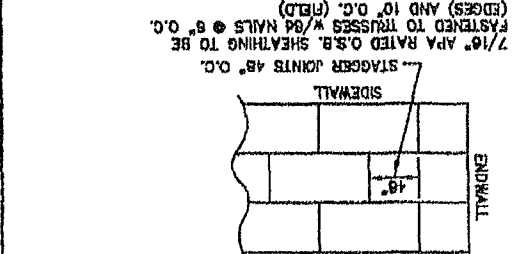


GENERAL CROSS-SECTION NOTES:

1. UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY W/ ASTM A36.
 2. ALL LAG SCREWS MUST COMPLY WITH ANSI/ASME B18.2.1. F_y = 60 KSI, MIN.
- NOTE: TRUSSES WHICH DO NOT FALL DIRECTLY OVER WALL STUDS SHALL BE STRAPPED TO TOP PLATE AND TOP PLATE SHALL BE STRAPPED TO NEAREST ADJACENT STUD WITH EQUIVALENT FASTENING.

ROOF SHEATHING DETAIL

SCALE: N.T.S.



PROCCO

APPROVAL DATE: 11/15/06

MANUFACTURER: PROCCO

PLAN NO.: 10

ALLOW FLOOR: 10

EXT. WALLS: 0

FIRE RATING OF: 110/130 J. SEC.

WIND VELOCITY: 110/130 J. SEC.

ALLOWABLE NO. OF FLOORS: 1

OCCUPANCY: E/(SSEF)/(GA-2)

CONSTR. TYPE: W/V-9

LISTING AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE FLORIDA BUILDING CODE AND REFER TO THE FOLLOWING CHARTER:

THIRD PARTY: RANDO, INC. 3488 - A CRENshaw STREET TAMPA, FL 33634

RESUR LEASING
400 EAST LANSING STREET
SUITE 200
TAMPA, FL 33602
(813) 240-8307

BUILDING CROSS SECTION

DATE: 11-15-06

SCALE: NONE

DRAWN BY: J.L.B.

CHECKED BY: W.J.M.

DRAWING NO.: 11B-2006-0342

MANUFACTURER: PROCCO

SERIAL NO.: 24736

BUILDING SIZE: 24736

COOR: SEE NOTES

LABOR: 11-15-06

FL: 11-15-06

CON NO: 11-15-06