

**SITE PLAN NOTES:**

- 1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS & DIMENSIONS OF SIDEWALKS, PRECISE BUILDING DIMENSIONS, & EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
2. ALL UNSURFACED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH, OR SOO, & WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED AS INDICATED ON THE LANDSCAPING PLAN.
3. PROPERTY & TOPOGRAPHIC SURVEY WAS PREPARED ON 11-8-2013 BY ACADIA LAND SURVEYING.
4. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BENCHMARK.
5. ALL PARKING LOT LIGHTING POLES & FIXTURES WITH LAMPS & REQUIRED PAINT WILL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CLECO A ONE-YEAR WARRANTY CERTIFICATE. ALL INCURRED COSTS FOR RECEIVING, UNWRAPPING, FACTORY PAINTED POLES, STORAGE, LIABILITY, & WARRANTY SHALL BE INCLUDED IN THE INSTALLATION CONTRACT PRICE.
6. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE OWNER OR ENGINEER PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS & SPECIFICATIONS FOR ENTRY LOCATION OF ALL WATER, SEWER SERVICE, ELECTRICAL, TELEPHONE & GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS & ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION & TIE-INS/CONNECTIONS TO THEIR FACILITIES.
8. SEE C-0 FOR LIST OF UTILITY COMPANIES & CONTACT PERSONS.
9. ALL DIMENSIONS SHOWN TO BUILDING ARE TO OUTSIDE FACE OF BUILDING.
10. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS & SLABS SHALL BE IN ACCORDANCE WITH THE FOUNDATION SUBSURFACE PREPARATION NOTES.
11. ALL NECESSARY PERMITS & APPROVALS GOVERNING THE CONSTRUCTION OF THIS WORK SHALL BE SECURED PRIOR TO BEGINNING CONSTRUCTION.
12. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUFFERS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
13. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
14. THE SITE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SYSTEMS, & ANY OTHER MISC. UTILITIES) SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIALS & THE PLACEMENT OF ANY APPROPRIATE SOIL STABILIZATION TECHNIQUE.
15. CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES & APPURTENANCES ADJACENT TO DRIVE AREAS.
16. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE & ALIGNMENT.
17. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO THE SAME.
18. ALL WORK SHOWN SHALL BE DONE IN ACCORDANCE WITH THE PLANS & SITE WORK SPECIFICATIONS.
19. ALL STRIPING SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
20. ANY WORK IN THE RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF SLIDELL DEPARTMENT OF ENGINEERING'S STANDARDS & SPECIFICATIONS.
21. THE PROPERTIES SHOWN HEREIN LIE WITHIN ZONE M4 AND ZONE B. ACCORDING TO FLOOD AREAS OF INSURANCE RATE MAPS PUBLISHED BY F.E.M.A. COMMUNITY PANEL NO. 2222050420E DATED APRIL 21, 1999.

**SITE LAYOUT NOTES:**

- 1. SITE AREA = +/- 20.00 ACRES.
2. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL RADI ARE 4 FEET UNLESS NOTED OTHERWISE.
4. SEE DRAWING D-1 THROUGH D-8 FOR DETAILS.

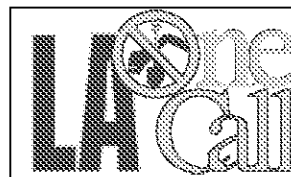
**EROSION CONTROL NOTES:**

- 1. SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EROSION CONTROL FACILITIES DURING THE ENTIRE CONSTRUCTION PERIOD. FACILITIES ARE NOT TO BE REMOVED UNTIL COMPLETION OF THE PROJECT.
3. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY GOVERNING AUTHORITIES.
4. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO 1' FROM THE BOTTOM OF THE FENCE.
5. EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY & AFTER EACH RAINFALL & REPAIRED AS NECESSARY.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER &/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT, AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOO. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOO AT THE PROPER TIME OF YEAR.
7. FILL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY & PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR & THE GRADING CONTRACTOR SHALL REVIEW THEIR GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITHOUT PERMANENT STABILIZATION.
9. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES PRIOR TO ANY EARTHWORK OPERATIONS.
10. CONTRACTOR SHALL MAINTAIN SILT FENCES FOR THE DURATION OF THE PROJECT UNTIL ACCEPTED BY THE OWNER AT NO EXPENSE TO OWNER.
11. CONTRACTOR SHALL INSPECT ON A DAILY BASIS FOR NEEDED REMOVAL OF ANY ACCUMULATED SILTS, DEBRIS, OR REPAIR OF DAMAGED SILT FENCE AT NO ADDITIONAL EXPENSE TO OWNER.
12. PRIOR TO CONSTRUCTION, THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HEREIN SHALL BE IN PLACE. CLEARING & GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION & SEDIMENT CONTROL MEASURES AS SHOWN HEREIN UNTIL ALL SUCH MEASURES ARE IN PLACE.
13. LAND DISTURBING ACTIVITIES WILL BE KEPT TO A MINIMUM & WILL NOT EXTEND BEYOND THE LIMITS SHOWN.
14. SEDIMENT & EROSION CONTROL MEASURES WILL BE INSPECTED ON A DAILY BASIS & WILL BE REPAIRED, ADJUSTED & MAINTAINED AS NEEDED OR REQUIRED BY GOVERNING AGENCIES AT NO ADDITIONAL EXPENSE TO THE OWNER TO PROVIDE EROSION & SEDIMENT CONTROL FOR THE DURATION OF CONSTRUCTION & UNTIL ALL DISTURBED AREAS ARE STABILIZED.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE "PREMISE CONTRACTOR CERTIFICATION" & "THE MONTHLY INSPECTION REPORT & CERTIFICATION FORM FOR EROSION & SEDIMENT CONTROLS" LOCATED IN THE SITEMARK SPECIFICATIONS & SUBMITTING THE FORMS TO THE OFFICE OF POLLUTION CONTROL.
16. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SILT FENCING AS SHOWN AT THE PERIMETER OF THE SITE PLAN PRIOR TO LAND CLEARING ACTIVITIES.
17. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRASSED AREAS IS COMPLETE.

**BMP MAINTENANCE EROSION NOTES:**

ALL MEASURES STATED ON THIS SITE MAP, & IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, & REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES & BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, & RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING & STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING & STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS, ANY DEBRIS &/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.



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LOUISIANA STATE LAW, SECTION R.S.40:1749.15, REQUIRES EXCAVATORS & DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNER/OPERATOR OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

**GRADING NOTES:**

- 1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPOGRAPHIC SURVEY BY ACADIA LAND SURVEYING DATED 11-8-2013. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR & SUBMIT IT TO THE OWNER FOR REVIEW.
2. EXISTING GRADE CONTOURS INTERVAL SHOWN AT ONE FOOT (1').
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. THE CONTRACTOR IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE REQUIRED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
6. CLEARING & GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
7. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS & SLABS SHALL BE IN ACCORDANCE WITH THE FOUNDATION SUBSURFACE PREPARATION NOTE.
8. FINISHED GRADE CONTOUR INTERVALS SHOWN AT ONE FOOT (1').
9. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER & TELEPHONE SERVICE TO THE BUILDING.
10. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO THE SAME.
11. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
12. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE SOO OR 4 INCHES OF TOPSOIL, SEED, MULCH, WATER, ETC. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH LANDSCAPING PLAN UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
13. GEOTECHNICAL REPORT NO. 614-108 BY STRATUM ENGINEERING, L.L.C. IS CONSIDERED A PART OF THIS DOCUMENT. THE CONTRACTOR MUST REVIEW IT FOR CONSTRUCTION REQUIREMENTS. IF DIFFERENCES ARE NOTED BETWEEN THESE PLANS AND THE GEOTECHNICAL REPORT, REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT WILL GOVERN. THE CONTRACTOR MUST CONTACT THE OWNER, CIVIL ENGINEER, AND GEOTECHNICAL ENGINEER FIRM AND INFORM THEM OF ALL DISCREPANCIES AND PLAN MODIFICATIONS.

**STORM DRAINAGE NOTES:**

- 1. ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE SEALED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
2. ALL PIPES & STRUCTURES ON STREET RIGHT-OF-WAY SHALL BE PER CITY OF SLIDELL ENGINEERING DEPARTMENT STANDARDS & SPECIFICATIONS.
3. REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.

**SITE PREPARATION NOTES:**

- 1. ALL TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS SHALL BE STRIPPED. ALL UNSUITABLE STOCKPILED MATERIALS SHALL BE REMOVED.
2. CONTRACTOR SHALL STRIP A MINIMUM OF 10 INCHES OF THE SURFICIAL TOP SOIL WITH ORGANIC MATERIAL FROM THE BUILDING & PARKING AREAS. ACTUAL STRIPPING DEPTH MAY BE UP TO 18 INCHES AT ISOLATED LOCATIONS AND SHOULD BE DETERMINED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION.
3. THE NEAR SURFACE SOILS ENCOUNTERED AT THE SITE CONSISTS OF MOISTURE SENSITIVE SILTY MATERIALS. THESE NEAR SURFACE SOILS WERE STABLE AT THE TIME OF THE FIELD EXPLORATION SINCE THE INVESTIGATION WAS CONDUCTED IN A PERIOD OF DRY WEATHER. SHOULD THE NEAR SURFACE SOILS BECOME WET, THEY COULD LOSE THEIR SUPPORT CAPABILITIES AND WILL HAVE TO BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
4. ANY LOOSELY BACKFILLED TREE STUMP EXCAVATIONS IN THE BUILDING AREAS SHALL BE UNDERCUT & REPLACED WITH COMPACTED STRUCTURAL FILL.
5. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHOULD BE PROOFROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS. SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD, SHOULD BE UNDERCUT & REPLACED WITH COMPACTED STRUCTURAL FILL. THE PROOF-ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE WITNESSED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.
6. AFTER SUBGRADE PREPARATION AND OBSERVATION HAVE BEEN COMPLETED, THE INITIAL LAYER OF FILL SHOULD BE PLACED IN A RELATIVELY UNIFORM HORIZONTAL LIFT AND BE ADEQUATELY KEPT INTO THE STRIPPED AND SCARIFIED SUBGRADE SOILS. THE STRUCTURAL FILL SHOULD CONSIST OF SANDY CLAYS OR CLAYEY SANDS HAVING A MAXIMUM LIQUID OF 40 AND A MAXIMUM PLASTICITY INDEX OF 18 PERCENT.
7. THE FILL SHOULD BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIALS AND SHOULD BE COMPACTED WITHIN ONE (1) PERCENTAGE POINT BELOW AND THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT. IF WATER MUST BE ADDED, IT SHOULD BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. THE FILL PLACED IN THE BUILDING AREAS AND PARKING LOT SHOULD BE COMPACTED BY ASTM 0989.
8. EXHAUST DRAINAGE SHOULD BE PROVIDED PRIOR TO AND DURING SITE WORK. THE SITE SHOULD BE GRADED TO PROMOTE RAPID RUNOFF THROUGHOUT THE CONSTRUCTION PHASE.
9. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.
10. THE EDGE OF COMPACTED FILL SHALL EXTEND AT LEAST TEN (10) FEET BEYOND THE EDGE OF THE BUILDINGS PRIOR TO SLOPING.
11. THE SOIL SUPPORTED FLOOR SLABS FOR THE PROPOSED APARTMENT BUILDINGS SHOULD BEAR ON A MINIMUM OF TWO (2) FEET OF COMPACTED STRUCTURAL FILL. PLACEMENT OF THE NEW FILL AND PREPARATION OF THE SUBGRADE SHOULD BE PERFORMED IN ACCORDANCE WITH THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT TO IDENTIFY ANY SOFT OR UNSTABLE SOILS WHICH SHOULD BE REMOVED FROM THE FLOOR SLAB PRIOR TO ADDITIONAL FILL PLACEMENT AND/OR FLOOR SLAB CONSTRUCTION.
12. POLYETHYLENE SHEETING SHOULD BE PLACED BETWEEN THE FILL AND THE FLOOR SLABS TO ACT AS A VAPOR BARRIER.
13. WATER SHALL NOT BE ALLOWED TO COLLECT IN THE FOUNDATION EXCAVATION, FLOOR SLAB AREAS, OR ON PREPARED SUBGRADES IN THE CONSTRUCTION AREA EITHER DURING OR AFTER CONSTRUCTION. UNDERCUT OR EXCAVATED AREAS SHALL BE SLOPED TOWARD ONE CORNER TO FACILITATE REMOVAL OF ANY COLLECTED RAINWATER, GROUNDWATER, OR SURFACE RUNOFF. POSITIVE SITE SURFACE DRAINAGE SHALL BE PROVIDED TO REDUCE INFILTRATION OF SURFACE WATER AROUND THE PERIMETER OF THE BUILDINGS & BENEATH THE FLOOR SLABS.
14. IT IS POSSIBLE THAT SEASONAL VARIATIONS WILL CAUSE FLUCTUATIONS OF THE WATER TABLE. ADDITIONALLY, PERCHED WATER MAY BE ENCOUNTERED IN DISCONTINUOUS ZONES WITHIN THE OVERBURDEN SILTY SANDY CLAY. ANY WATER ACCUMULATION SHALL BE REMOVED FROM EXCAVATION BY PUMPING. SHOULD EXCESSIVE & UNCONTROLLED AMOUNTS OF SEEPAGE OCCUR, THE GEOTECHNICAL ENGINEER SHALL BE CONSULTED.

**UTILITY NOTES:**

- 1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES & WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, EASEMENTS, & CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPE, POWER POLES & GUY WIRES, WATER METERS & WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, & ASPHALT, SHOWN & NOT SHOWN, WITHIN CONSTRUCTION LIMITS & WHERE NEEDED TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
6. CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS & SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC & FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, CABLE TV, & GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS & ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATIONS & SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
7. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER & TELEPHONE SERVICE TO BUILDING.
8. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO SAME.
9. SEE SPECIFICATIONS & DETAIL SHEETS FOR BACKFILLING & COMPACTOR REQUIREMENTS ON UTILITY PLANS.
10. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION & TRENCHING OPERATIONS. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, & OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO, ACCESS & EGRESS FROM ALL EXCAVATION & TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
11. CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ASSURE PROPER DEPTH & PREVENT ANY CONFLICT OF UTILITIES.
12. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER & SEWER LINE IS TEN (10) FEET, OR MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER & SEWER LINE IS EIGHTEEN (18) INCHES.
13. CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATER TIGHT.
14. CONTRACTOR SHALL ON ALL UTILITIES, COORDINATE WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
15. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & REQUIREMENTS. THE CONTRACTOR SHALL CONDUCT ALL NECESSARY TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES & OWNERS INSPECTING AUTHORITIES.
16. SITE CONTRACTOR TO COORDINATE PROPOSED RECONNECTION OF ALL UTILITIES WITH ARCHITECTURAL PLANS AS WELL AS UTILITY COMPANIES & BUILDING CONTRACTOR.
17. ALL NECESSARY INSPECTIONS &/OR CERTIFICATIONS REQUIRED BY CODES &/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION & THE FINAL CONNECTION OF SERVICES.

**WATER NOTES:**

- 1. ALL WORK SHALL BE DONE TO THE CITY OF SLIDELL STANDARD SPECIFICATIONS.
2. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING FIRE SERVICE & DOMESTIC SERVICE CONNECTION LOCATIONS.
3. CONTRACTOR SHALL CONSTRUCT WATER SERVICES AS SHOWN, & CONSTRUCT METERS, PITS, & INSTALL CHECK VALVE.
4. ALL SPRINKLER & DOMESTIC LEADS TO BUILDING SHALL END AT THE FACE OF BUILDING WALL, UNLESS NOTED & SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END (FOR OTHERS TO REMOVE & EXTEND AS NECESSARY).
5. ALL VERTICAL BENDS ON WATER MAIN SHALL BE RESTRAINED WITH A MECHANICAL JOINT FITTING SUPPLIED WITH THE RETAINER GLANDS. ANY JOINTS 26 FEET OR LESS FROM EITHER SIDE OF VERTICAL BEND SHALL BE RESTRAINED WITH A MECHANICAL JOINT FITTING.
6. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
7. ALL VALVES SHALL BE INSTALLED IN A CAST IRON VALVE BOX WITH COVER.
8. THROUST BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL BENDS, TEES, & FIRE HYDRANTS. SEE DETAIL.
9. THE MINIMUM COVER ON WATER MAINS SHALL BE 3 FEET.
10. PIPE SIZES 3" & SMALLER SHALL BE PVC. FITTINGS SHALL BE BRASS. SEE SPECIFICATIONS.
11. PIPE SIZES 4" & LARGER SHALL BE PVC C-900 WATER PIPE. ALL FITTINGS 4" & LARGER SHALL BE CAST IRON CONFORMING TO ANSI & AWWA STANDARD SPECIFICATIONS.
12. GATE VALVES 3/4" THROUGH 3" SHALL BE BRONZE WEDGE TYPE GATE VALVE. VALVES SHALL HAVE NON-RISING STEM WITH SOLID TEE HEAD OPERATING NUT UNLESS NOTED OTHERWISE.
13. GATE VALVES 4" & LARGER SHALL BE CAST IRON GATE VALVE WITH PARALLEL DOUBLE DISC. VALVES SHALL HAVE MECHANICAL JOINT ENDS & NON-RISING STEM WITH SQUARE OPERATING NUT.

**TELEPHONE NOTES:**

- 1. ALL PHONE LINE LOCATIONS ARE APPROXIMATE & SHOWN FOR COORDINATION PURPOSES ONLY. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.

**SANITARY SEWER NOTES:**

- 1. ALL WORK SHALL BE DONE TO THE CITY OF SLIDELL STANDARD SPECIFICATIONS.
2. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
3. CONTRACTOR SHALL PAY ALL FEES & CHARGES PERTINENT TO SANITARY SEWER CONSTRUCTION & SHALL COORDINATE WITH CITY OF SLIDELL PRIOR TO COMMENCING WITH CONSTRUCTION.
4. ALL STUB-OUTS & WYE LATERALS SHALL BE PLUGGED WITH A STANDARD TYPE PLUG.
5. SANITARY SEWER PIPE OF DIFFERENT MATERIAL SHALL BE JOINED BY A RUBBER SLEEVE WITH STAINLESS STEEL COUPLING, MADE FOR TRANSITIONS FROM ONE MATERIAL TO ANOTHER.
6. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR TO CENTERLINE OF MANHOLE.
7. THE SANITARY SEWER PIPE MATERIAL SHALL BE PVC, SDR 35, SEWER PIPE UNLESS OTHERWISE NOTED ON PLAN.

**POWER NOTES:**

- 1. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
2. ALL PRIMARY & SECONDARY SERVICE LOCATIONS ARE APPROXIMATE & ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE POWER COMPANY, TO DETERMINE EXACT LOCATION & RESPONSIBILITIES INCLUDING COST.

**NOTE:**

10' SERVITUDE REQUIRED ON ALL SEWER OR WATER LINES WHERE SHOWN ADJACENT TO R.O.W. OR IN THE PARKING LOT. 15' SERVITUDE REQUIRED ON ALL SEWER OR WATER WITHIN MAIN STREET (BETWEEN BUILDINGS). WHERE SEWER AND WATER ARE ADJACENT TO ONE ANOTHER, A 20' EASMENT IS REQUIRED. EASEMENTS REQUIRED BUT NOT SHOWN FOR CLARITY.

**UTILITY LEGEND**

- (A) 8" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
(B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
(C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
(D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
(E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
(F) UNDERGROUND TELEPHONE WRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
(G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
(H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**NOTES:**

FOR ANY NEW FIRE HYDRANTS AND WATER LINES INSTALLED, A REPRESENTATIVE FROM THE SLIDELL ENGINEERING DEPARTMENT MUST WITNESS THE PRESSURE TESTS. CONTACT THE ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO PRESSURE TEST. ALSO, A BACTERIOLOGICAL TEST IS REQUIRED FROM THE DIH FOR EACH LINE INSTALLED.

**GENERAL NOTES**

REVISION	BY

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PROGRESS SET - FOR REVIEW ONLY
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SPRINGS AT FREMAUX TOWN CENTER
SLIDELL, LOUISIANA
ST. TAMMANY PARISH
FOR CONTINENTAL 294 FUND LLC
MEMONONIE FALLS, WI

DRAWN DGS
CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-1 GEN NOTES
SHEET C-1