

31 - SITE WORK

GENERAL

- EXCAVATION AND SOIL PREPARATION SHALL BE FOR ALL SITE WORK EXISTING OUTSIDE THE FOOTPRINT OF THE PROPOSED BUILDING. SITEWORK INSIDE TO THE BUILDING FOOTPRINT SHALL BE GOVERNED BY OTHERS.
- CONTRACTOR SHALL INSPECT SOIL FOR BEARING CONDITIONS SATISFACTORY TO THE ARCHITECTURAL DESIGN LOAD CRITERIA (SEE ARCHITECTURAL DRAWINGS). CONTRACTOR SHALL REPORT ANY UNSATISFACTORY BEARING CONDITIONS IE UNDERGROUND WATER, DEBRIS, ETC TO THE OWNER. REMOVE ALL LOOSE DIRT AND DEBRIS BEFORE PLACING CONCRETE. CONCRETE SLABS TO BE PLACED ON LEVEL UNDISTURBED SOIL OR APPROVED ENGINEERED COMPACTED FILL.
- SLAB ON GRADE CONCRETE HAS BEEN DESIGNED ASSUMING FAVORABLE SOIL CONDITIONS (AVERAGE DRAINAGE, AVERAGE FROST HEAVAL, AND LOW VOLUME CHANGE POTENTIAL), WITH A MINIMUM OF 1,500 PSF SOIL BEARING CAPACITY.
- UNKNOWN UNDERGROUND CONDITIONS WHICH PRESENT INADEQUATE BEARING AND/OR UNEXPECTED, NECESSARY ROCK EXCAVATION SHALL BE TREATED AS EXTRA WORK. CONTRACTOR SHALL MAKE THE OWNER AWARE OF THESE CONDITIONS AS SOON AS POSSIBLE TO AVOID POSSIBLE DELAYS IN WORK.
- CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR LOCATION OF ALL UNDERGROUND SERVICES AND IS RESPONSIBLE FOR THEIR PROTECTION AND SUPPORT.
- COMPACTION:
 - ALL FILL MATERIALS SHALL BE APPROVED BY A GEO-TECHNICAL CONSULTANT.
 - ENGINEERED FILL BENEATH FOOTINGS SHALL BE: MINIMUM COMPACTION 100% STANDARD PROCTOR DENSITY AT THE OPTIMUM MOISTURE CONTENT.
 - BACKFILL ALONG FND. WALLS TO BE CLAYEY MATERIAL COMPACTED IN 6" LIFTS TO 98% STANDARD PROCTOR DENSITY.
- ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING, INCLUDING UTILITY TRENCHES, MUST BE FREE OF ANY WET AND/OR SOFT AREAS PRIOR TO PLACEMENT OF FILL MATERIAL OR SLAB.
- SLOPE GRADE AWAY FROM PERIMETER OF THE FOUNDATION. KEEP GRADE A MIN. OF 6" FROM TOP OF CONCRETE FOUNDATIONS. SLOPE GRADE AWAY FROM STRUCTURE 6" IN 10'-0" MIN.

33 - STORM SEWER

GENERAL

- THE DEVELOPER / OWNER IS TO CONNECT DOWNSPOUTS (IF APPLICABLE) AND PIPING AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE NEW OUTLET PIPING.
- ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL.

CORRUGATE HDPE PIPE (HDPE)

- CORRUGATED PIPE SHALL BE N-12, DUAL WALL WITH A SMOOTH INTERIOR AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM F-405 AND AASHTO M-252. PIPE AND FITTINGS SHALL BE HOMOGENEOUS THROUGHOUT AND FREE FROM VISIBLE CRACKS, HOLES, FOREIGN INCLUSIONS OR OTHER INJURIOUS DEFECTS.
- ALL JOINTS SHALL BE MADE WITH INTEGRALLY-FORMED BELL AND SPIGOT N-12 COUPLINGS AND GASKETED CONNECTIONS.

POLYVINYL CHLORIDE PIPE (PVC)

- PVC SHALL BE USED UNDERGROUND OR ABOVE GROUND AND AS SPECIFIED HEREIN. WHERE PVC IS USED FOR UNDERGROUND APPLICATION SCHEDULE 40 SHALL BE USED. ABOVE GROUND SHALL USE SCHEDULE 90, BOTH COMPLYING WITH ASTM D-3034 WITH SOLVENT WELDED JOINTS AND FITTINGS.

- PROVIDE 1/4":12" SLOPE TOWARD OUTLET MINIMUM.

TRENCH DRAIN

- TRENCH DRAIN TO BE USED IN THE POOLSIDE PATIO AREA OR WHERE SPECIFIED. SYSTEM TO BE STAKED TO GRADE AND POURED INTEGRAL WITH CONCRETE SLAB.

31 - EROSION AND SEDIMENT CONTROL

DURING CONSTRUCTION

- THE CONTRACTOR SHALL EXCAVATE THE MINIMUM REQUIRED TO PROVIDED THE REQUIRED ROOM AND SAFETY ACCOMMODATIONS FOR THE PROPOSED FACILITY
- EROSION CONTROL MEASURES SHALL BE PROVIDED TO PREVENT:
 - FLOODING, EROSION, OR SEDIMENTATION OF DOWNSTREAM DEVELOPMENTS.
 - DAMAGE TO RECEIVING STREAMS WHICH MAY CAUSE INCREASES IN QUANTITY AND / OR RATED OF WATER DISCHARGES AND IMPAIRMENT OF THEIR CAPACITY
 - OR UNDERMINING THE STABILITY OF EXISTING SENSITIVE SLOPES.
- POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO FUEL, OILS, SEALANTS, CONCRETE WASHOUT, AND GENERAL CONSTRUCTION DEBRIS SUCH AS CARDBOARD, PLASTIC, ROOFING, WOOD, ETC.
- CONTRACTOR SHALL PROTECT ALL TREES OR CLUSTERS TO REMAIN.
- TEMPORARY SURFACE STABILIZATION SHALL BE ESTABLISHED IN 7 DAYS ON ALL BARE AREAS THAT WILL NOT BE DISTURBED FOR 15 DAYS. TEMPORARY STABILIZATION RECOMMENDATIONS ARE SHOWN BELOW:

SEED SPECIES	RATE (PER ACRE)	PLANTING DEPTH	OPTIMUM DATES
WHEAT OR RYE	150 LB	1 TO 1-1/2 IN	9/15 - 10/30
SPRING OATS	100 LB	1 IN	3/1 - 4/15
ANNUAL RYEGRASS	40 LB	1/4 IN	3/1 - 5/1
SUDANGRASS	35 LB	1 TO 2 IN	5/1 - 7/30
WHEAT OR RYE	150 LB	1 TO 2 IN	10/30 - 3/1

- ANCHORED MULCHING OF TEMPORARY SEEDING IS REQUIRED. SPREAD STRAW AT THE RATE OF 90 LB PER 1,000 SQ.FT. OR 2 TONS PER ACRE AND / OR MULCHING BY CRIMPING OR TACKIFYING.
- ANY MUD AND / OR DEBRIS TRACKED ONTO ADJACENT PROPERTY OR ROADS AND PAVEMENTS SHALL BE CLEANED AS SOON AS POSSIBLE.
- IF CONSTRUCTION EQUIPMENT FUEL STORAGE IS ON-SITE IT SHALL BE KEPT IN AN APPROVED FUEL STORAGE TANK AND INSIDE A SEALED METAL TUB TO CONTAIN LEAKAGE OR SPILLS.
- PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES.
- SPILL PREVENTION AND CLEANUP SHALL MEET THE SPILL PREVENTION & SPILL RESPONSE REQUIREMENTS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION AND OTHER LOCAL, STATE OR FEDERAL AGENCY REQUIREMENTS. SPILL CONTAINMENT SUCH AS TEMPORARY DAMMING OR ABSORPTION CAN BE INSTITUTED IF THERE IS NO IMMEDIATE HAZARD OR SAFETY ISSUES TO PERSONNEL ON SITE.

POST CONSTRUCTION

- POTENTIAL POLLUTANT SOURCES FROM THE PROPOSED LAND USE FOR THE SITE INCLUDE LANDSCAPING MAINTENANCE (FERTILIZERS, WEED KILLERS, ETC), AUTOMOBILE FLUIDS AND GENERAL DEBRIS AND SEDIMENTS.
- FINAL GRADING, SEEDING AND LANDSCAPING WILL BE ESTABLISHED AT THE END OF THE CONSTRUCTION PHASE. PERMANENT SEEDING SPECIFICATIONS ARE SHOWN BELOW:
 - SEED MIXTURES AND SEED APPLICATION RATES SHALL VARY ACCORDING TO AREA TO BE SEEDDED. IN RURAL OR GENERAL PURPOSE OR AS DIRECTED BY THE ENGINEER, THE FOLLOWING SEED MIXTURES SHALL BE APPLIED AT 170 LBS./ACRE, CONSISTING OF THE FOLLOWING:
 - 95 LBS. OF ALTA RESCUE OR 60 LBS. OF KENTUCKY 31 RESCUE
 - 65 LBS. OF PERENNIAL RYE GRASS
 - 10 LBS. OF JAGREX RED RESCUE
 - ALL SEED MIXTURES SHALL HAVE A MINIMUM PURITY OF 85% AND MINIMUM GERMINATION RATE OF 85%.
- ANCHORED MULCHING OF PERMANENT SEEDING IS REQUIRED. STRAW AT THE RATE OF 90 LB PER 1,000 SQ.FT. OR 2 TONS PER ACRE. ANCHOR MULCHING BY CRIMPING OR TACKIFYING.
- STORMWATER QUALITY CONTROL MEASURES (I.E., SILT FENCING, ETC) SHALL BE LEFT IN PLACE UNTIL VEGETATIVE COVER IS COMPLETELY RE-ESTABLISHED.
- PERMANENT SEEDING AND LANDSCAPING SHALL BE IN PLACE AT END OF CONSTRUCTION.

03 - SITE CONCRETE

MIXING, PLACING, & MATERIALS

- CONCRETE WORK, DESIGN AND TESTING SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS," EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS BELOW.
- CAST-IN-PLACE CONCRETE SHALL BE READY MIX ASTM-C94. FC FOR ALL SLAB ON GRADE CONCRETE TO BE 4,000PSI @ 28 DAYS
- CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1, "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING," AND ACI 308R, "COLD WEATHER CONCRETING."
- CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305R, "HOT WEATHER CONCRETING."
- ALL CONCRETE THAT IS EXPOSED TO FREEZE AND THAW CYCLES SHALL HAVE 5% AIR ENTRAINMENT, ± 1%.
- WATER REDUCER IF USED SHALL BE HIGH RANGE WATER REDUCER(HRW) ADMIXTURE, ASTM C494.
- LIMIT TOTAL AMOUNT OF CHLORIDE ION CONTENT IN CONCRETE TO AMOUNT INDICATED IN TABLE 4.2.2.G OF ACI 318. ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN REINFORCING CONCRETE OR CONCRETE CONTAINING METALS.
- CONCRETE SLUMP SHALL BE 4" MAX. AND SHALL BE MEASURED PRIOR TO THE ADDITION OF HRWR.
- ALL CAST-IN-PLACE CONCRETE SHALL BE POURED CONTINUOUSLY WITH NO COLD JOINTS, AND VIBRATED ADEQUATELY TO PREVENT ANY AIR POCKETS AND HONEYCOMB EFFECT.
- ALL CONCRETE EXPOSED TO THE ELEMENTS SHALL BE PROVIDED WITH A WATER REPELLANT.

REINFORCING & ANCHORBOLTS

- ALL CONCRETE FLATWORK SHALL INCLUDE A MINIMUM OF ONE OF THE FOLLOWING:
 - WELDED WIRE FABRIC - 6x6 - W1.4 x W1.4
 - 1/2" / CY FIBERMESH REINFORCING, OR
 - ENGINEER APPROVED REINFORCING

OTHER

- COLOR, TOOLING AND PATTERNED JOINT LAYOUT TO MATCH EXISTING.

03 - CHAIN LINK FENCE

GENERAL

- CONTRACTOR SHALL PROVIDE COMPLETE AND OPERATIONAL FENCE ENCLOSURE TO MATCH EXISTING.
- FENCE HEIGHT SHALL BE 6'-0" TO MATCH EXISTING.

MATERIALS

- PIPING SHALL BE ASTM F1043 GROUP IA (SCHEDULE 40).
 - CORNER POSTS AND GATE POSTS SHALL BE 2-7/8"
 - INTERMEDIATE POSTS (THOSE IN BETWEEN CORNERS) SHALL BE 2-3/8" DIA.
- TOP RAILS SHALL BE 1-5/8" DIA. MIN. AND SHALL BE RUN CONTINUOUSLY ACROSS TOP OF INTERMEDIATE POSTS.
- CHAINLINK FENCE FABRIC SHALL BE ASTM A491 ALUMINIZED 2" DIAMOND, 9 GA WITH TOP AND BOTTOM KNUCKLED SERVAE EDGE.
 - ZINC COATING SHALL BE GALVANIZED AFTER WEAVING WITH A MINIMUM OF 1.2 OUNCES OF ZINC PER SQUARE FOOT OF SURFACE AREA AND CONFORM TO ASTM A392, CLASS 1.
- CONCRETE SHALL CONFORM WITH ASTM C94, HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000# AT 28 DAYS.
- GATES SHALL BE ASSEMBLED OF 1-7/8" DIA. GROUP IA OR IC WITH WELDED JOINTS. WELD AREAS REPAIRED WITH ZINC-RICH COATING APPLIED PER MANUFACTURERS RECOMMENDATIONS.
 - FABRIC TO MATCH FENCE.
 - GATE ACCESSORIES, HINGES, LATCHES, CENTER STOPS, KEEPERS AND NECESSARY HARDWARE OF QUALITY REQUIRED FOR COMMERCIAL APPLICATIONS. LATCHES SHALL PERMIT PADLOCKING.
- POST CAPS SHALL BE PRESSED STEEL, CAST IRON OR CAST ALUMINUM ALLOY DESIGNED TO FIT SNUGLY OVER POSTS. PROVIDED DOME TYPE FOR TERMINAL POSTS AND LOOP TYPE FOR INTERMEDIATE POSTS.
- RAIL AND BRACE ENDS SHALL BE PRESSED STEEL, CAST IRON, OR CAST ALUMINUM ALLOY, CUP SHAPED TO RECEIVE RAIL AND BRACE ENDS.
- PROVIDE TENSION BARS, TENSION BANDS, BRACE BANDS, TRUSS RODS, TENSION WIRE, AND THE WIRES AS REQUIRED.

CONSTRUCTION

- POSTS SHALL BE SPACED AT 10'-0" MAX.
- ALL CORNER POSTS AND GATE POSTS SHALL BE EMBEDDED 40" IN A 14" DIA. CONCRETE FOOTING.
 - BRACE CORNER AND GATE POSTS TO NEXT ADJACENT POST WITH HORIZONTAL RAIL AND DIAGONAL TENSION WIRE.
- LINE POSTS (THOSE IN BETWEEN CORNERS) MAY BE DRIVEN INTO VIRGIN GROUND OR EMBEDDED IN CONCRETE FOOTINGS.
- PROVIDE ALL TENSION BARS AND BANDS, POST TOPPERS, RAIL ENDS, ETC AS REQUIRED FOR A COMPLETE CHAIN LINK FENCE INSTALLATION.
- INTERLACE FENCING FABRIC TO AVOID SEAMS.

00 - GENERAL NOTES

GENERAL

- CONTRACTOR SHALL PROVIDE ALL WORK IN ACCORDANCE WITH REQUIRED CODES AND AUTHORITIES.
- CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT REQUIRED TO PROVIDE OWNER WITH A COMPLETE AND OPERATIONAL SYSTEM.
- CONTRACTOR SHALL FURNISH ALL PERMITS, TAXES, AND LICENSES REQUIRED TO COMPLETE PROJECT WHERE NOT PROVIDED BY OWNER.
- WORK SHALL BE DEFINED AS THE SCOPE OF SERVICE REQUIRED TO PROVIDE THE OWNER WITH THAT WHICH HAS BEEN REPRESENTED ON THE PROJECT PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETERMINATION OF EXACT SIZE, TYPE, AND LOCATION OF ALL EXISTING UTILITIES. APPROXIMATE LOCATIONS MAY BE IDENTIFIED ON PLANS. ENGINEER SHALL NOT BE HELD LIABLE FOR THEIR ACCURACY.
- WHERE EXISTING BUILDINGS AND SITE FEATURES ARE INVOLVED IN WORK, EVERY ATTEMPT HAS BEEN MADE TO ACCURATELY DEPICT THE EXISTING CONDITIONS OF THE BUILDING AND ITS SITE ELEMENTS. CONTRACTOR SHALL BRING IT TO THE ENGINEERS ATTENTION, PRIOR TO PROCEEDING, IF DISCREPANCIES ARE ENCOUNTERED. CONTRACTOR MAY PROVIDE VIABLE SOLUTION TO EXPEDITE REMEDIATION. WHERE INTERPRETATION OF THE WORK OR ADDITIONAL SERVICES IS REQUIRED, ENGINEER SHALL DETERMINE COURSE CONSISTENT WITH THE INTENT OF THE CONTRACT.
 - CONTRACTOR SHALL CONTINUALLY MONITOR PORTIONS OF THE EXISTING BUILDING DURING SITEWORK ACTIVITIES. REPORT ANY POTENTIAL PROBLEMS TO THE ENGINEER.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF (1) YEAR WARRANTY FOR ALL WORK PERFORMED, FROM THE DAY OF CERTIFICATE OF OCCUPANCY (BUILDINGS) AND FOR SUBSTANTIAL COMPLETION (ALL OTHER PROJECTS). CONTRACTOR SHALL REPAIR OR REPLACE DEFECTIVE OR INTERIOR MATERIALS WITH NEW MATERIALS WITHIN A REASONABLE TIMEFRAME.
- CONTRACTOR SHALL USE FIGURATIVE DIMENSIONS, DO NOT SCALE DRAWINGS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PORTIONS OF WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND SPOT ELEVATIONS REQUIRED TO SITUATE SITE IMPROVEMENTS AS REPRESENTED ON PLANS.

MATERIALS

- WHERE MANUFACTURERS AND / OR MODEL NUMBERS HAVE BEEN IDENTIFIED ON PLANS, CONTRACTORS SHALL PROVIDE THOSE SPECIFIED. CONTRACTOR MAY HOWEVER, PROVIDE EQUALS FOR ALL MATERIALS WHERE SPECIFIED AS BASIS OF DESIGN.
- ALL MATERIALS SHALL BE NEW, UNLESS SPECIFIED OTHERWISE.
- ALL MATERIALS SHALL BE MANUFACTURERS STANDARD COMMERCIAL GRADE UNLESS SPECIFIED HEREIN.
- SUBSTITUTIONS SHALL MEET OR EXCEED THOSE SPECIFIED HEREIN. SUBSTITUTIONS MAY BE ALLOWED WHERE:
 - ENGINEER AND OWNER HAVE AUTHORIZED SUBSTITUTION,
 - ENGINEER HAS STIPULATED "OR EQUAL", OR
 - PRODUCT PERFORMANCE HAS BEEN SPECIFIED ON PLANS, (BRAND SUBSTITUTIONS ALLOWED).

02 - DEMOLITION NOTES

GENERAL

- THE CONTRACTOR IS RESPONSIBLE FOR BECOMING ACQUAINTED WITH THE EXISTING CONDITIONS OF THE BUILDING, TO MINIMIZE ANY POTENTIAL CONFLICTS.
- ITEMS MARKED "TO BE REMOVED" SHALL BE REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR SHALL NOT STORE SUCH ITEMS ONSITE UNLESS PRIOR AUTHORIZATION IS GRANTED FROM OWNER.
- CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT OF ALL LOAD BEARING MEMBERS PRIOR TO REMOVAL OF EXISTING LOAD BEARING SUPPORTS. TEMPORARY SUPPORTS SHALL BE SECURELY FASTENED TO EXISTING FRAMING AND FOUNDATIONS UNTIL NEW PERMANENT SUPPORTS ARE INSTALLED. ENGINEERED TEMPORARY SUPPORTS MAY BE APPLICABLE BASED ON MEANS AND METHODS.
- TEMPORARY SUPPORTS SHALL ONLY BE REMOVED WHERE PERMANENT SUPPORTS HAVE BEEN INSPECTED FOR SUPPORT OF LOAD BEARING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY WITH OWNER ALL MATERIALS THAT ARE TO BE REMOVED AND DISCARDED FROM PROPERTY. ANY ITEMS UNIQUE TO THE PROPERTY OR BUILDING, OR FOUND DURING DEMOLITION OR CONSTRUCTION SHALL BE THE PROPERTY OF THE OWNER UNLESS DEEMED OTHERWISE.
- CONTRACTOR SHALL TAKE SPECIAL CARE TO DEMOLISH ONLY THAT WORK WHICH IS REQUIRED TO BE DEMOLISHED AND NOT TO DISTURB WORK WHICH IS TO REMAIN. IF, IN THE COURSE OF DEMOLITION, THE CONTRACTOR DESTROYS OR DISTURBS ANY WORK WHICH IS TO REMAIN, HE OR SHE SHALL, AT THEIR OWN EXPENSE, REPAIR OR REPLACE SUCH WORK AS NECESSARY.
- NOTHING IN THESE DOCUMENTS SHALL IMPOSE LIABILITY ON THE ENGINEER, ARCHITECT, OR OWNER FOR CLAIMS, LAWSUITS, EXPENSES, OR DAMAGES ARISING FROM, OR IN ANY MANNER RELATED TO THE EXPOSURE TO, OR THE HANDLING, MANUFACTURE OR DISPOSAL OF ASBESTOS, ASBESTOS PRODUCTS, OR HAZARDOUS MATERIALS IN ANY OF ITS VARIOUS FORMS, AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY.
 - CONTRACTOR SHALL IDENTIFY AND NOTIFY THE ENGINEER, ARCHITECT, AND OWNER OF THE PRESENCE OF ASBESTOS OR OTHER SUSPECTED HAZARDOUS MATERIALS BEFORE INITIATING THE DEMOLITION OF SAME, AT WHICH TIME APPROPRIATE IDENTIFICATION AND REMOVAL OF SUCH SUSPECTED MATERIALS BY A LICENSED AND APPROVED CONTRACTOR SHALL COMMENCE. METHOD AND COSTS OF REMOVAL SHALL BE APPROVED AND PAID FOR DIRECTLY BY THE OWNER.
- CONTRACTOR SHALL PROVIDE FOR THE FURNISHING AND RESPONSIBILITY OF TEMPORARY DEBRIS CHUTES, DUMPSTERS, AND PROTECTIVE BARRIERS. CHUTES, DUMPSTERS, AND BARRIERS SHALL AT NO TIME OBSTRUCT EGRESS DOORS OR PATHS FOR ANY SPACE IN USE.

SECURITY

- CONTRACTOR SHALL PROVIDE FOR A SAFE AND SECURE CONSTRUCTION SITE AT ALL TIMES. TEMPORARY SECURITY FENCING SHALL BE PROVIDED FOR AS REQUIRED TO ALLOW CONSTRUCTION OF PROPOSED FACILITY AND DETER ENTRANCE OF GENERAL PUBLIC.

DRAWING INDEX

CIVIL	C-0.1	GENERAL SITE SPECIFICATIONS	80% REVIEW	PERMITS
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	C-1.1	PROPOSED SITE PLAN		
	C-5.1	DETAILS		

NOTES: * - ORIGINAL, "X" - NO CHANGE, "R" - REVISED

SYMBOL LEGEND

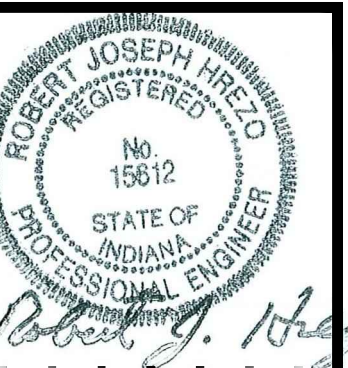
	EXISTING WATER VALVE
	EXISTING POWER POLE
	EXISTING SIGN
	DIRECTION OF GRADE DRAINAGE
	DIRECTION OF PIPE DRAINAGE
	SURVEY CONTROL POINT
	EXISTING TREE
	PROPOSED BUILDING OR ADDITION
	PROPOSED CONCRETE
	PROPOSED SPOT ELEVATION

LINETYPE LEGEND

	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATERMAIN
	EXISTING UNDERGROUND GAS
	EXISTING WATERMAIN
	EXISTING UNDERGROUND ELECTRIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING FENCE
	EXISTING FOLIAGE
	EXISTING TOPOGRAPHIC CONTOUR
	DEMOLISHED TOPOGRAPHIC CONTOUR
	PROPOSED TOPOGRAPHIC CONTOUR
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED WATER SERVICE
	PROPOSED UNDERGROUND ELECTRIC

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RELEASE	DATE
01	09.02.11
02	09.15.11

80% REVIEW	
PERMITS	

HIDDEN VALLEY LAKE
POOL HOUSE
MILLER TOWNSHIP, IN 47025
OWNER : HIDDEN VALLEY LAKE P.O.A.

DATE : 09.15.11
DRAWN BY : CMH
CHECKED BY : KAB
APPROVED BY :
PROJECT # : AA1010

C-0.1
GENERAL
SITE
SPECIFICATIONS