

SPECIFICATIONS

1.0 GENERAL

ALL WORK SHALL CONFORM TO THE NEW YORK STATE BUILDING CODE.

THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE AUTHORITY HAVING JURISDICTION, FOR PERIODIC INSPECTION AND ANY LIMITATIONS THAT MAY AFFECT THE PROJECT AREA AND/OR SCHEDULE.

THE CONTRACTOR SHALL CONFORM TO ALL SAFETY PROVISIONS, LOCAL, STATE AND FEDERAL.

AFTER COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND LEAVE THE SITE IN A CLEAN AND ORDERLY CONDITION.

2.0 FOUNDATIONS

FOOTINGS SHALL BE PLACED ON UNDISTURBED GRADE OR ENGINEERED FILL,
DO NOT OVEREXCAVATE UNDER FOUNDATIONS
BACKFILL AROUND FOUNDATIONS UNDER SLAB ON GRADE WITH ENGINEERED FILL. ENGINEERED FILL SHALL BE COMPACTED IN 6" LAYERS HAVING A MODIFIED PROCTOR DENSITY OF 95.

3.0 CONCRETE WORK

CONCRETE WORK SHALL CONFORM TO ACI 318
FORMS SHALL BE TRUE AND STRAIGHT.
USE ONLY SNAP OF TIES, PATCH RECESSED TIE ENDS WITH A HIGH STRENGTH GROUT.

3.1 REINFORCING:

BARS: ASTM A 615, GR 60, DEFORMED
MESCH: ASTM A 185

3.2 CONCRETE MATERIAL:

CEMENT: ASTM C 150, TYPE II
FLYASH: ASTM C 618
NORMAL WEIGHT AGGREGATE: C33
MAX AGGREGATE SIZE: 1"
WATER: CLEAN, POTABLE
AIR ENTRAINMENT: ASTM C 260
WATER REDUCING ADMIX: ASTM C 492, TYPE D

CONCRETE MIX SHALL BE AS FOLLOWS:

- A: FOUNDATION WALLS: 3000 PSI @ 28 DAYS
W/C RATIO .45, AIR ENTRAINMENT 6%.
- B: SLAB ON GRADE: 4000 PSI @ 28 DAYS
W/C RATIO .45, AIR ENTRAINMENT 6%

READY MIX CONCRETE SHALL CONFORM TO C 94

SLAB ON GRADE:

PLACE SLAB IN A CONTINUOUS OPERATION,
FINISH FLOOR: COMPLY WITH ACI 302.1R
FINISH SURFACE: FLOAT FINISH TO F 25.
SLOPE SLAB TO THE DRAINS AT 1/16" / FT
CURE SLAB WITH WATERSPRAY OR CLEAR COMPOUND
CONFORMING TO ASTM C 1315.
SAWCUT RELEASE JOINTS AS SOON AS CONCRETE HAS SET.

4.0 MASONRY:

CMU: ASTM C 90, INTERGATED COLORED.; COLOR TO BE SELECTED BY OWNER
2500-PSI PRISM STRENGTH -ASTM C 1314
M OR S TYPE MORTAR
WATER PROOF ADDITIVE M1000 (HYCRETE) FOR MORTAR
AGGREGATE FOR MORTAR: ASTM C 144
AGGREGATE FOR GROUT: ASTM C 404
WATER REPELLENT ADMIXTURE: RAIN BLOCK
LADDER TYPE JOINT REINFORCING EVERY 3RD COURSE.
REINFORCING FOR BOND BEAM: ASTM A 615
COORDINATE WITH ELECTRIC CONTRACTOR FOR WIRING.
FLASHING: FLEX FLASH BY HOHMANN & BARNARD OR EQUAL

5.0 TIMBER:

ALL TIMBER IN CONTACT WITH CONCRETE, CMU OR EARTH SHALL BE PRESSURE TREATED.
ANCHOR PLATES TO CMU WITH 1/2"Ø HOOKED BOLTS @ 4' c/c
ROOF TRUSSES SHALL BE PRE-ENGINEERED. A REGISTERED ENGINEER IN THE STATE OF NEW YORK SHALL CERTIFY DESIGN.
FASTEN WOOD TRUSSES TO THE WALL PLATE WITH GALV.
HURRICANE TIES WITH 200 LB ANCHOR CAPACITY
PLYWOOD SHALL BE CDX OR EQUAL.
FASTEN WOOD CONNECTION PER CODE TABLE 2304.9.1
STRUCTURAL FRAMING: DOUG FIR OR SOUTHERN PINE
STRUCTURAL SELECT.
TRIM: ARCHITECTURAL GRADE

6.0 ROOFING:

50-YEAR ARCH SHINGLES, OWNER TO SELECT COLOR
ICE AND WATERSHIELD UNDERLAYMENT.

7.0 DOORS:

ENTRANCE DOORS (SINGLE DOOR);
ENCOMPASS TWIN LIGHT FIBERGLASS DOOR BY PELLA
OR EQUAL;

DOORS TO HAVE PANIC BARS AND
POWER SWING SURFACE MOUNTED SWING DOOR OPERATOR

BY BESAM AS INDICATED ON THE DRAWING.
DOUBLE DOOR @ BREEZEWAY:
CHAIN LINK FENCE GATE WITH LOCK AND PANIC BAR. ONE
SIDED ENTRANCE CONTROL

8.0 BATH ROOMS:

TOILET: CIMARRON COMFORT HEIGHT BY KOHLER OR EQ
UNRINALS: K-4904-ET-0 BY KOHLER OR EQUAL
GRABBARS: 1 1/2"Ø STAINLESS STEEL
SINK: PINOIR, CENTER SET BY KOHLER OR EQUAL
SHOWERS: K-7252-CP BY KOHLER OR EQUAL
PARTITIONS: PHENOLIC COLOR THRU FLOOR ANCHORED;
COLOR TO BE SELECTED BY OWNER
EVE SCREENS: STAINLESS STEEL 1/8" MESH

9.0 CEILINGS:

VYNAL LATTICE PANELS FASTEN TO THE BOTTOM CHORD OF
ROOF TRUSSES. OWNER TO SELECT PATTERN.

9.0 ELECTRIC:

COMPLY WITH THE NATIONAL ELECTRIC CODE.
ALL OUTLETS IN THE BATHROOMS TO GF
PROVIDE SEPARATE CIRCUITS FOR
A: BATHROOMS
B: MECHANICAL ROOM
C: UTILITY PUMP FILTER ROOM. PUMP FILTER ROOM TO HAVE
A SEPARATE PANEL.

Paul Gossen, PE
2461 Sally's Alley
Denver NY, 12421
607.326.4678

drafted by:
Fragrant Rivers Design



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WEST BRANCH REC AND AQUATIC CENTER

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