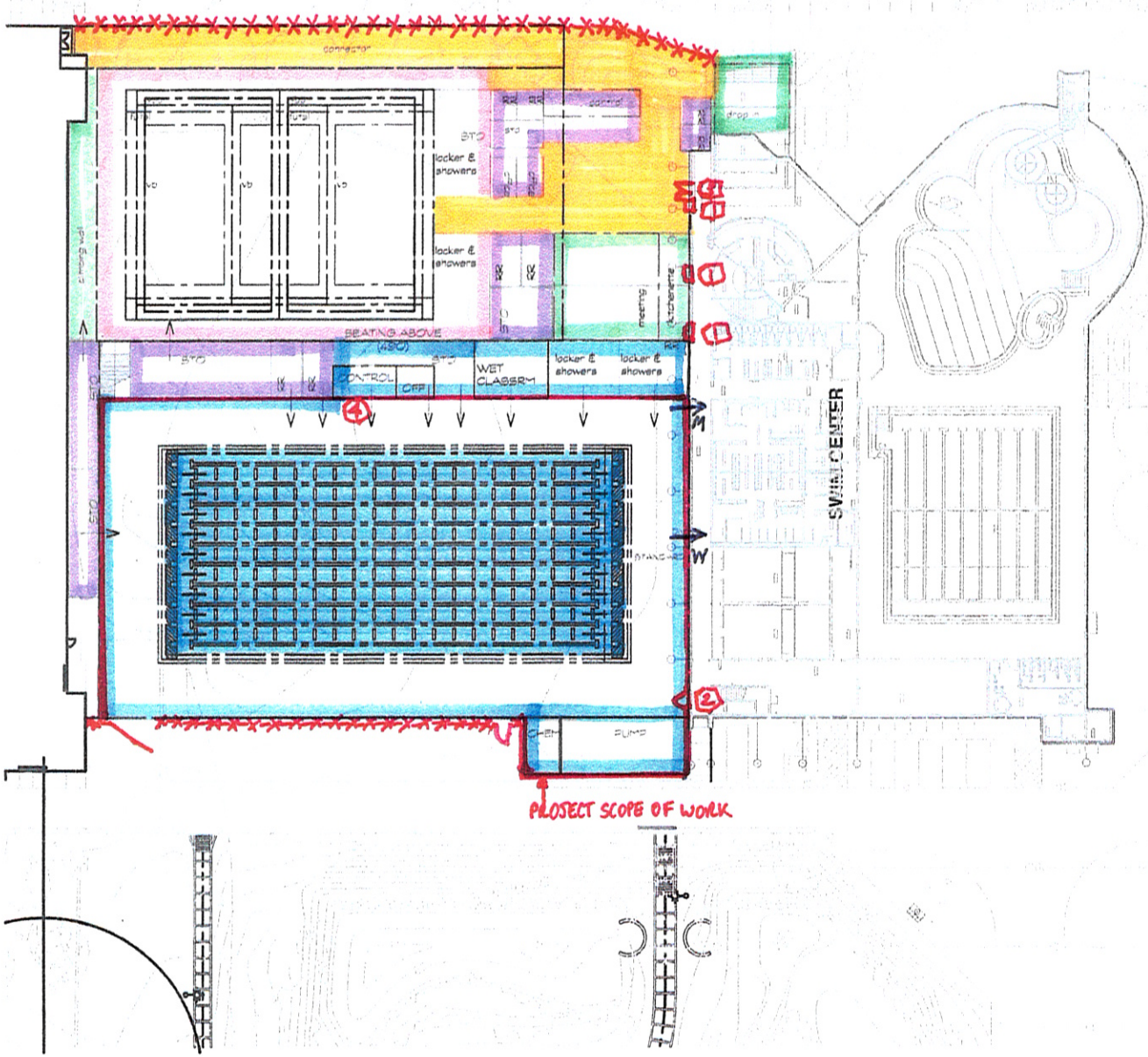


GENERAL NOTES:

A. PERMANENT BUILDING: PUMP ROOM, CHEMICAL TREATMENT ROOM, POSSIBLE STACKED MECHANICAL ROOM ON SECOND FLOOR (DEDUCTIVE ALTERNATE).

B. FOR OUTDOOR POOL, PROVISIONS FOR POSSIBLE FUTURE MOVABLE BULKHEAD INCLUDED AS DEDUCTIVE ALTERNATE. MOVABLE BULKHEAD A REQUIREMENT TO HOST BOTH LONG COURSE AND SHORT COURSE MEETS IN THIS FACILITY.

KEYED NOTES:

1. EXISTING SWIM CENTER WINDOW OPENING DESIGNED TO BE CONVERTED TO DOORWAY.
2. EXISTING SWIM CENTER SINGLE DOOR.
3. EXISTING SWIM CENTER DOUBLE DOOR.
4. CONDUITS FOR FUTURE SCOREBOARD INSTALLED NOW FROM CONTROL ROOM TO ASSUMED SCOREBOARD LOCATION, CONDUITS FOR FUTURE TIMING SYSTEM INSTALLED NOW FROM CONTROL ROOM TO STARTING BLOCKS.

-X-X-X- CHAIN LINK FENCE WITH RAZOR WIRE TOP

X X CHAIN LINK FENCE GATE

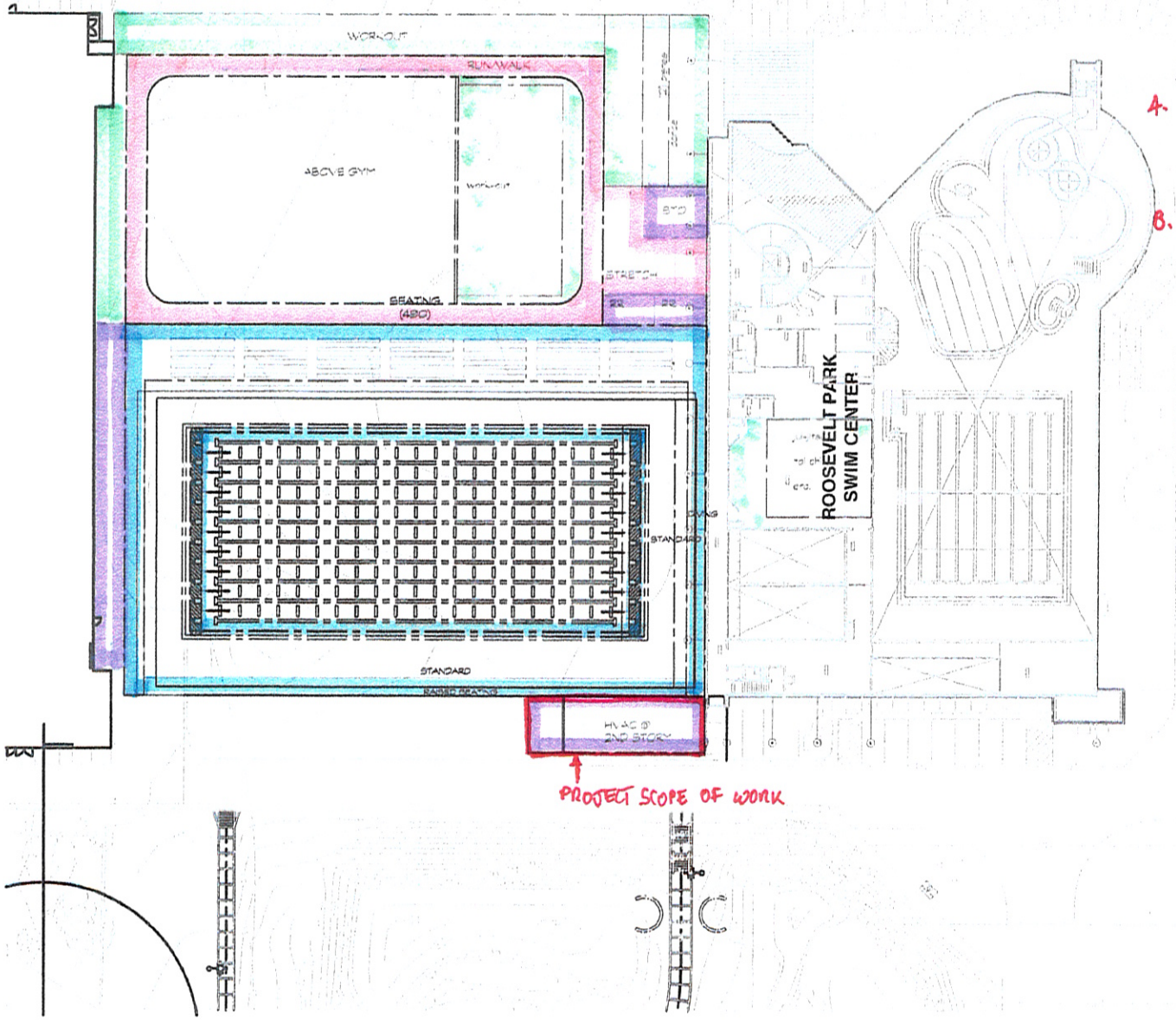
HM & RP POOL FEASIBILITY & PD
RAPID CITY, SD

RP FIELDHOUSE & INDOOR POOL LEVEL 1

11007
PD
4/23/12
FNL

Fennell Design
Architecture & Project Management

A1.0



GENERAL NOTES:

A. OPTIMUM HVAC DISTRIBUTION FROM SECOND FLOOR MECHANICAL ROOM. POSSIBLE DEDUCTIVE ALTERNATE.

B. BUILDING HEIGHT OVER POOL MUST MATCH FIELD HOUSE BUILDING HEIGHT.

HM & RP POOL FEASIBILITY & PD
RAPID CITY, SD

RP FIELDHOUSE & INDOOR POOL LEVEL 2

DRAWING NO 1007
SHEET FILE PD
DATE 4/23/12
DRAWN BY FNL

NO.	REVISION DATE	BY

Fennell Design
Architecture & Project Management

A1.1

BUDGETS:

VISION 2012 CURRENTLY ALLOCATED FUNDS REMAINING:

Leisure Pool at Horace Mann Park	$2,225,000 remaining
50m Pool	$2,075,800 remaining
Roosevelt Park Field House	$3,400,000 remaining
	$7,700,800 TOTAL remaining

VISION 2012 CURRENTLY COST CALCULATIONS:

Horace Mann Park Leisure Pool (OPTION A)	$3,909,100
Outdoor 50m Pool at Roosevelt Park (OPTION A)	$3,791,700 **
Roosevelt Park Field House	$ 0 (Deferred until next round Vision 2012)
	$7,700,800 Spent

**COST REDUCTION METHODS TO BRING 50M POOL TO MEET THE $3,791,700 BUDGET

- Removal of Landscaping, walls, minimize fencing.
- Reduction in total concrete deck area
- Removal of two large Restrooms/Locker Rooms (utilize existing in Swim Center)
- Consideration of use of acceptable alternative pool technology
- Removal of diving provisions

An alternative way of looking at cost is Horace Mann Park Option C of $4,365,200 minus the Leisure Pool, Diving Boards, Slide, and Bathhouse, demolition, and parking lot site work.

LONG-TERM CONSTRUCTION PHASING – 50M POOL AT ROOSEVELT PARK FIELD HOUSE

(1) **PHASE 1 – Construct 50m x 25 yd outdoor pool at the Roosevelt Field House location (OPTION A).**
- Existing 50m lane ropes from Horace Mann pool reused in this pool.
- Existing starting blocks from Swim Center temporarily relocated to this pool during Swim Meets.

(2) **(FUTURE) PHASE 2 – During the next round of Vision 2012, the dryland portion of the Field House is constructed.**
- Possibly install wet side restrooms/locker rooms at this time. Reverify underground plumbing and electrical routes.

(3) **(FUTURE) PHASE 3 – Enclose the 50m pool.**

(4) **(FUTURE) PHASE 4 – FF&E Buildout.**
- Seating, Scoreboard, new starting blocks, new lane ropes, etc.

** ***We envision PHASE 2 to 4 as a possible, future public-private partnership. It would be the responsibility of future Rapid City councils and Rapid City Aquatic leaders community to realize the vision of Phase 4 to fruition.***

AQUATICS PROGRAMMING – PHASE 3 POSSIBILITIES

Phase 3 (New 22 lane, 25yd Community Pool in Short Course configuration = 50m x 25yd)
Competitive Swim Teams
Swim Meets
Masters Swim Team
Lap Swimmers
Scuba Divers
Kayak
Triathalon
Water Polo league
Synchronized Swimming
Lifeguard/EMT Training
Lane Rental to local High Schools
Other Special Events

SWIM CENTER - Existing 8-lane, 25yd Community Pool (Reprogrammed)
Swim Meets Warmup/Warmdown (only very high level meets where a mandated requirement)
Learn-to-Swim – Child
Learn-to-Swim – Adult
Adaptive Aquatics
Aquatics Therapy – Multiple Sclerosis patients only
Aquatic Exercise Classes (many different types)
Diving Classes
Public Diving
Aqua Jogging
Aqua Walking (Non-Channel)
Community Swimming (not serious lap swimmers)
Black Hills Guard Games
Water Basketball league
Lane Rental to local Middle Schools
Note: The existing Swim Center pool is significantly reprogrammed to meet the needs of the programs above. The temperature is raised several degrees and maintained at the 84-86°F range. Further, the existing 25yd pool is NOT used for swim meets with the exception of very high level meets which mandate a separate warmup/warmdown pool. This allows more continuous operation and flow of the assigned aquatics programming.