



**KENNEDY  
DESIGN  
GROUP INC**  
4855 ENCHANTED PINES DRIVE  
RAPID CITY, SD 57701  
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**CLIENT:**  
REEL WYNNING LLC  
4941 ENCHANTED PINES DRIVE  
RAPID CITY, SD 57701  
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**PROJECT:**  
NEW COMMERCIAL MALL  
703 & 705 INDIANA STREET  
RAPID CITY, SD 57701

BUILDING FLOOR PLAN

- BUILDING ASSEMBLIES**
- (R1) ROOF ASSEMBLY-1 HOUR RATED (UL P522)**
    - COMPOSITE OR ASPHALT SHINGLES, 40 YEAR WARRANTY, UL CLASS A, B OR C ROOFING SYSTEM.
    - FELT PAPER, 15 LBS ON THE FIELD AND 30 LBS WATERGUARD AT THE EDGES WITH METAL FLASHING
    - 15/32" NOMINAL C-0 GRADE OSB OR PLYWOOD SHEATHING.
    - MANUFACTURED ROOF TRUSSES AT 24" O.C.
    - R38 MINIMUM INSULATION.
    - RESILIENT CHANNELS, NOM 1/2" DEEP BY 2-3/8" WIDE AT THE BASE AND 1-3/8" WIDE AT THE FACE AT 24" O.C
    - ONE LAYER OF 5/8" X" GYPSUM BOARD
    - SUSPENDED CEILING SYSTEM (CASINO ONLY)
    - OVERHANGS AS FOLLOWS;
      - 2X FASCIA WITH METAL WRAP.
      - METAL VENTED SOFFIT PANELS ON THE NORTH, EAST AND SOUTH OVERHANG, 3" CONTINUOUS METAL VENT ON THE WEST OVERHANG.
      - METAL GUTTERS AND DOWNSPOUTS
  - (W1) EXTERIOR WALL ASSEMBLY-1 HOUR RATED (UL U335)**
    - EIFS SYSTEM WITH 1-1/2" RIGID FOAM INSULATION SHEATHING.
    - BRICK VENEER WAINES COAT AS SHOWN ON THE ELEVATION DRAWINGS WITH WEED HOLES, FLASHINGS, MORTAR AND TIES PER INDUSTRY STANDARDS AND LOCAL BUILDING CODES.
    - BUILDING PAPER RATED FOR EIFS AND BRICK VENEER
    - 5/8" X" DENSDECK FIREGUARD SHEATHING
    - 2X6 STUDS AT 16" O.C.
    - MIN. R19 INSULATION
    - ONE LAYER OF 5/8" X" GYPSUM BOARD SHEATHING.

- (W2) INTERIOR DEMISING WALL ASSEMBLY-1 HOUR RATED (UL U327)**
  - FROM TOP OF FLOOR TO UNDERSIDE OF ROOF SHEATHING
  - ONE LAYER OF 5/8" X" GYPSUM BOARD SHEATHING.
  - RESILIENT CHANNELS AT 24" O.C PERPENDICULAR TO STUDS.
  - 2X6 STUDS AT 16" O.C.
  - MINIMUM OF 3-1/2" BATT INSULATION.
  - ONE LAYER OF 5/8" X" GYPSUM BOARD SHEATHING.
- (W3) INTERIOR TENANT WALL ASSEMBLY-NON RATED**
  - FROM TOP OF FLOOR TO 2" MIN. ABOVE SUSPENDED CEILING
  - ONE LAYER OF 5/8" X" GYPSUM BOARD SHEATHING.
  - 2X4 STUDS AT 16" O.C
  - ONE LAYER OF 5/8" X" GYPSUM BOARD SHEATHING
- (F1) INTERIOR CONCRETE SLAB**
  - REINFORCED 4" THICK CONCRETE SLAB.
  - #4 BARS AT 24" O.C. EACH WAY.
  - 4" COMPACTED GRAVEL
  - UNDISTURBED SOIL OR STRUCTURAL FILL
- (F2) EXTERIOR CONCRETE SLABS AND SIDEWALKS**
  - REINFORCED 4" THICK CONCRETE SLAB;
  - #4 BARS AT 24" O.C. EACH WAY.
  - THICKEN THE OUTSIDE EDGE OF FRONT SIDEWALK
  - 4" COMPACTED GRAVEL
  - UNDISTURBED SOIL OR STRUCTURAL FILL

- (FN1) EXTERIOR CONCRETE FOUNDATION BELOW INTERIOR SLAB (NORTH AND SOUTH FOUNDATION WALLS)**
  - REINFORCED 8" THICK CONCRETE WALL (AT EIFS SYSTEM)
  - #5 HORIZONTAL BARS TOP, BOTTOM AND MIDDLE OF WALL.
  - #5 VERTICAL DOWELS (42" VERT BY 9" HOOK) @ 48" O.C. ENBEDDED IN FOOTING.
  - 42" MINIMUM DEPTH BELOW GRADE.
  - 2" THICK RIGID INSULATION ON OUTSIDE FACE OF WALL.
  - CONTINUOUS CONCRETE FOOT (24" WIDE BY 12" HIGH)
  - (3) THREE #5 HORIZONTAL BARS CONTINUOUS.
  - UNDISTURBED SOIL OR STRUCTURAL FILL
- (FN2) EXTERIOR CONCRETE FOUNDATION BELOW INTERIOR SLAB (EAST FOUNDATION WALL)**
  - REINFORCED 12" THICK CONCRETE WALL (AT BRICK VENEER)
  - #5 HORIZONTAL BARS TOP, BOTTOM AND MIDDLE OF WALL.
  - #5 VERTICAL DOWELS (42" VERT BY 9" HOOK) @ 48" O.C ENBEDDED IN FOOTING.
  - 42" MINIMUM DEPTH BELOW GRADE.
  - 2" THICK RIGID INSULATION ON OUTSIDE FACE OF WALL.
  - CONTINUOUS CONCRETE FOOT (24" WIDE BY 12" HIGH)
  - (3) THREE #5 HORIZONTAL BARS CONTINUOUS
  - UNDISTURBED SOIL OR STRUCTURAL FILL

- (FN3) EXTERIOR CONCRETE FOUNDATION ABOVE INTERIOR SLAB WITH LESS THAN 4 FEET OF RETAINING AND RISING 5 FEET ABOVE INTERIOR SLAB ON GRADE (WEST FOUNDATION WALL)**
  - REINFORCED 8" THICK CONCRETE WALL.
  - #5 HORIZONTAL BARS TOP, BOTTOM AND 48" O.C BETWEEN.
  - #5 VERTICAL BARS AT 48" O.C.
  - 42" MINIMUM DEPTH BELOW GRADE.
  - 2X4 FURRING ON INSIDE FACE OF WALL.
  - R13 MINIMUM INSULATION.
  - ONE LAYER OF 5/8" X" GYPSUM BOARD
  - CONTINUOUS CONCRETE FOOT (30" WIDE BY 12" HIGH)
  - (3) THREE #5 HORIZONTAL BARS CONTINUOUS.
  - #5 VERTICAL DOWELS (36" VERT BY 9" HOOK) @ 48" O.C. ENBEDDED IN FOOTING ALIGNING WITH WALL VERTICAL BARS.
  - UNDISTURBED SOIL OR STRUCTURAL FILL.

**BUILDING FLOOR PLAN** NORTH  
SCALE: 3/32" = 1'-0"

EXTERIOR FINISH COLORS		
	FIELD COLORS	ACCENT COLORS
BRICK	EARTH TONE GRAYS	
EIFS	LIGHT GRAYS	DARK GRAYS
ROOF SHINGLES	MEDIUM GRAYS	
DOOR/WINDOW FRAMES	LIGHT TO MEDIUM GRAYS	
SIGNS	SEE SIGN DRAWINGS	SEE SIGN DRAWINGS

PROJECT NO: 527  
FILE NO: 527-2  
DRAWN BY: RKK  
CHECK BY: RKK  
DATE: 12.09.05  
REVISION #1: 0.0.0  
REVISION #2: 0.0.0

**A1**

Drawing Number