GENERAL CODE PLAN NOTES
1. When rated construction is required by the codes, such construction shall be fire rated to match the fire rating of the construction being penetrated. Provide U.L. rated penetrations where ratings are required by the code.

1-HOUR FIRE BARRIER (1 HR FB)

2. Separating spaces shall be fire-blocked.

3. Protect all openings in rated construction as required by the codes.

3-HOUR FIRE BARRIER (3 HR FB)

4. The number of occupants going through an egress door or thru an egress stair shall be calculated at 0.2" per occupant. Stairs calculated at 0.3" per occupant.

5. The worst case dead end, worst case common path of travel, and worst case travel distance shall be determined.

BUILDING CODE SYNOPSIS

1. Main Occupancy Classification:
   - Institutional - I-3 (Sprinklered)

   Allowable Building Height:
   - Table 503: Allowable = 2 Stories or 65'-0" Allowable Building Height with Sprinkler
   - Table 504.2 = 1 Story or 20'-0" Total Allowable = 3 Stories or 85'-0"
   - Actual Building Height = 85'-0" +/-

2. Allowable Building Area:
   - Table 503: 470 SF
   - Group I: Allowable Area Per Floor = 15,000 SF
   - Allowable Building Area with Allowable Increases (Sprinkler & Frontage) = 71,250 SF

   Floor Areas:
   - First Floor Area = 27,504 GSF
   - Second Floor Area = 26,614 GSF
   - Third Floor Area = 18,809 GSF
   - Roof Level Floor Area

   Other Building Areas:
   - Connector Bridge = 1,012 GSF
   - Central Renovation at Connector = 519 GSF
   - South Renovation at Elevator First = 341 GSF
   - South Renovation at Elevator Second = 274 GSF

3. Structural Requirements:
   - Primary Structural Frame:
     - 1 Bearing Walls
   - Exterior 1 Interior 2 Non-Bearing Walls & Partitions
   - 3 Exterior 0 Interior 1 Non-Bearing Walls & Partitions
   - 1 Exterior 0 Interior 0 Non-Bearing Walls & Partitions

4. Connected Building:
   - 4 Stories
   - 124 GSF

5. Fire Protection Systems:
   - Automatic Sprinkler System

6. Fire Alarm & Detection Systems:
   - None Required

7. Fire Staging Area:
   - Workers Staging
   - Janitorial Staging

8. Occupant Load:
   - 895 Total Occupants

9. Common Path of Travel (Section 1014.3):
   - Allowable = 150'-0" ACTUAL WORST CASE = 100'-0"

10. Fire Protection Systems:
    - Automatic Sprinkler System in Accordance with Uniform Fire Code

11. Exterior Fire Escape Stairs:
    - None Required

12. Exterior Vertical Stair Elevation:
    - None Required

13. Exterior Vertical Stair Elevation:
    - None Required

14. Exterior Vertical Stair Elevation:
    - None Required

15. Exterior Vertical Stair Elevation:
    - None Required

16. Exterior Vertical Stair Elevation:
    - None Required
1. WHERE RATED CONSTRUCTION IS REQUIRED BY THE CODES, PROVIDE U.L. RATED ASSEMBLIES.

2. SEAL ALL EXISTING PENETRATIONS IN EXISTING CONSTRUCTION EXPOSED & OBSERVED DURING THE COURSE OF THE WORK.

3. SEAL ALL NEW PENETRATIONS IN EXISTING AND NEW CONSTRUCTION.

4. ALL PENETRATION SEALS IN WALLS AND HORIZONTAL ASSEMBLIES SHALL BE FIRE RATED TO MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED. PROVIDE U.L. RATED PENETRATIONS WHERE RATINGS ARE REQUIRED BY THE CODE.

5. ALL PENETRATIONS THRU NON-RATED HORIZONTAL ASSEMBLIES SEPARATING SPACES SHALL BE FIRE-BLOCKED.

6. PROTECT ALL OPENINGS IN RATED CONSTRUCTION AS REQUIRED BY THE CODES.

7. OCCUPANCY SEPARATION (508.4): NONE REQUIRED.

8. OCCUPANT LOAD: 895 TOTAL OCCUPANTS REFER TO DRAWINGS

9. CAPACITY OF EXITS (ACTUAL/ALLOWABLE): REFER TO DRAWINGS

10. LENGTH OF EXIT ACCESS TRAVEL (SECTION 1015 AND TABLE 1015.1): ALLOWABLE = 200' W/ SPRINKLERS ACTUAL WORST CASE = 180'-4".

11. DEAD END CORRIDORS (SECTION 1017.3): ALLOWABLE = 50'-0" W/ SPRINKLERS ACTUAL WORST CASE = 28'-0".

12. COMMON PATH OF TRAVEL (SECTION 1014.3): ALLOWABLE = 100'-0" ACTUAL WORST CASE = 78'-8".

13. FIRE ALARMS & DETECTION SYSTEM: ALARMS AND FIRE PROTECTION SIGNALING SYSTEM PROVIDED PER IBC 907.0 AND NFPA 72

14. FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM WITH SUPERVISION IN ACCORDANCE WITH IBC 903.0

15. INCIDENTAL ACCESSORY OCCUPANCIES: NONE

16. BUILDING CODE SYNOPSIS BASED ON: FLORIDA BUILDING CODE 2010 EDITION

- MAIN OCCUPANCY CLASSIFICATION: INSTITUTIONAL - I-3 (SPRINKLERED)
- CONSTRUCTION TYPE: II-A
- BUILDING HEIGHT: ALLOWABLE BUILDING HEIGHT - TABLE 503: ALLOWABLE = 2 STORIES OR 65'-0" ALLOWABLE BUILDING HEIGHT W/SPRINKLER INCREASE - TABLE 504.2 = 1 STORIES OR 20'-0" TOTAL ALLOWABLE = 3 STORIES OR 85'-0" ACTUAL BUILDING HEIGHT = 85'-0" +/-
- ALLOWABLE BUILDING AREA - TABLE 503: GROUP I: ALLOWABLE AREA PER FLOOR = 15,000 SF ALLOWABLE BLDG AREA W/ ALLOW. INCREASES (SPRINKLER & FRONTAGE) - TABLE 506.2 & TABLE 506.3 = 71,250 SF
- ACTUAL BUILDING AREA:
  - FIRST FLOOR AREA = 27,504 GSF
  - SECOND FLOOR AREA = 26,614 GSF
  - THIRD FLOOR AREA = 18,809 GSF
  - ROOF LEVEL FLOOR AREA
- PRIMARY STRUCTURAL FRAME: 1 BEARING WALLS 1 INTERIOR 1 EXTERIOR 1 non-bearing walls & partitions 1 exterior (table 602)
- FLOOR CONSTRUCTION: 1 1 AND SECONDARY MEMBERS 1 EXTERIOR ROOF EXTERIOR ROOF 1 EXTERIOR 1 INTERIOR 1
- OCCUPANCY SEPARATION: NONE REQUIRED.
- OCCUPANT LOAD: 895 TOTAL OCCUPANTS REFER TO DRAWINGS
- CAPACITY OF EXITS (ACTUAL/ALLOWABLE): REFER TO DRAWINGS
- LENGTH OF EXIT ACCESS TRAVEL: ALLOWABLE = 200' W/ SPRINKLERS ACTUAL WORST CASE = 180'-4"
- DEAD END CORRIDORS: ALLOWABLE = 50'-0" W/ SPRINKLERS ACTUAL WORST CASE = 28'-0"
- COMMON PATH OF TRAVEL: ALLOWABLE = 100'-0" ACTUAL WORST CASE = 78'-8"
- FIRE ALARMS & DETECTION SYSTEM: ALARMS AND FIRE PROTECTION SIGNALING SYSTEM PROVIDED PER IBC 907.0 AND NFPA 72
- FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM WITH SUPERVISION IN ACCORDANCE WITH IBC 903.0
- INCIDENTAL ACCESSORY OCCUPANCIES: NONE
1. WHERE RATED CONSTRUCTION IS REQUIRED BY THE CODES, PROVIDE U.L. RATED ASSEMBLIES.
2. SEAL ALL EXISTING PENETRATIONS IN EXISTING CONSTRUCTION EXPOSED & OBSERVED DURING THE COURSE OF THE WORK.
3. SEAL ALL NEW PENETRATIONS IN EXISTING AND NEW CONSTRUCTION.
4. ALL PENETRATION SEALS IN WALLS AND HORIZONTAL ASSEMBLIES SHALL BE FIRE RATED TO MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED. PROVIDE U.L. RATED PENETRATIONS WHERE RATINGS ARE REQUIRED BY THE CODE.

5. ALL PENETRATIONS THRU NON-RATED HORIZONTAL ASSEMBLIES SEPARATING SPACES SHALL BE FIRE-BLOCKED.
6. PROTECT ALL OPENINGS IN RATED CONSTRUCTION AS REQUIRED BY THE CODES.
PHASING GENERAL NOTES:
1. All area secured perimeter fence shall be maintained.
2. All existing utilities shall be maintained to ensure operations.
3. Areas and utilities to remain operational to ensure services.
4. Delineated by site fencing, refer to civil criteria drawings.
5. Operations to remain operational.
6. Refer to civil drawings for site development criteria.

PHASE 1 CONSTRUCTION NOTES:
1) A temporary secure perimeter shall be maintained at all times.
2) Access to existing facilities shall remain with operations.
3) Interruption to operations shall be limited.
4) Coordinate selective demolition and renovation of ancillary structures.

PHASING LEGEND:
- Existing building
- Existing secure perimeter fence
- Existing site perimeter fence

Refer to civil drawings for site development criteria.
CONSTRUCTION OF FREIGHT ELEVATOR ADDITION

CONSTRUCTION STAGING AREA APPROX. 2 ACRES

"A" BARRACKS
"B" BARRACKS
"C" BARRACKS
LAUNDRY
KITCHEN
CONTROL
HEALTHCARE FACILITY

MAINT. "F"
"E" "D" "C"

CENTRAL DIVISION
SOUTH DIVISION

A TEMPORARY SECURE PERIMETER SHALL BE MAINTAINED AT ALL TIMES IN ORDER TO SEPARATE THE DEMOLITION AND CONSTRUCTION ACTIVITIES FROM THE INMATE POPULATION. ACCESS AND SERVICES TO EXISTING FACILITIES TO REMAIN SHALL BE MAINTAINED TO ENSURE CONTINUED OPERATIONS. INTERRUPTIONS TO EXISTING ACCESS OR OPERATIONS SHALL BE LIMITED AND COORDINATED WITH THE FACILITY IN ADVANCE OF THE INTERRUPTION.

COORDINATE SELECTIVE DEMOLITION AND/or RENOVATION OF ANCILLARY STRUCTURES REQUIRED TO PHASE CONSTRUCTION. REFER TO CIVIL DRAWINGS FOR SITE DEVELOPMENT CRITERIA AND INFORMATION RELATED TO ADDITIONAL SUB PHASING.

G-201

CONCEPTUAL CONSTRUCTION PHASING PLAN - PHASE 2

Upgrade Jail Campus Infrastructure
Pinellas County
Phase 1 Design-Ontwerp
114400 North 49th Street
Clearwater, FL.

Scale: 1" = 100'-0"
Scale: 1" = 50'-0"

George F. Young, Inc.
Since 1919

As indicated

PRELIMINARY DOCUMENTS

KEY PLAN

APPROVED BY
CHECKED BY
DRAWN BY
DATE
PROJECT NO.
SCALE
SEAL
REVISIONS

CONSTRUCTION PHASING PLAN - PHASE 2

PHASE 1 DESIGN CRITERIA

PHASING LEGEND

EXISTING BUILDING
EXISTING SECURE PERIMETER FENCE
EXISTING SITE PERIMETER FENCE

No. Description Date
DEMOLITION OF EXISTING LAUNDRY BUILDING.
DEMOLITION OF EXISTING KITCHEN BUILDING.
DEMOLITION OF EXISTING CONTROL BUILDING.

6) CONSTRUCT SIDEWALKS TO PROVIDE LAUNDRY AND KITCHEN CART ACCESS BETWEEN THE INFRASTRUCTURE BUILDING AND HEALTHCARE FACILITY DURING THE DEMOLITION OF ITEMS 1, 2, 3 & 4 INDICATED ON THIS PLAN.

PHASE 3 CONSTRUCTION NOTES:

1) DEMOLITION OF EXISTING ANCILLARY OUTBUILDINGS.
2) CONSTRUCTION OF FACILITY MAINTENANCE BUILDING.
3) CONSTRUCTION OF WAREHOUSE BUILDING.
4) CONSTRUCTION OF FALCITY MAINTENANCE BUILDINGS.
5) CONSTRUCTION OF WAREHOUSE BUILDINGS.
6) DEMOATION OF SITE FENCING, REFER TO CIVIL CRITERIA DRAWINGS.
7) COORDINATE SELECTIVE DEMOLITION AND/OR RENOVATION OF ANCILLARY STRUCTURES REQUIRED TO PHASE CONSTRUCTION. REFER TO CIVIL DRAWINGS FOR SITE DEVELOPMENT CRITERIA AND INFORMATION RELATED TO ADDITIONAL SUB PHASING.

PHASING LEGEND:

EXISTING BUILDING
EXISTING SECURITY PERIMETER FENCE
EXISTING SITE PERIMETER FENCE
EXISTING SECURITY PERIMETER FENCE
EXISTING SITE PERIMETER FENCE

RENOVATION OF EXISTING SOUTH KITCHEN (FIRST FLOOR) DEMOLITION OF SITE FENCING, REFER TO CIVIL CRITERIA DRAWINGS

COORDINATE SELECTIVE DEMOLITION AND/OR RENOVATION OF ANCILLARY STRUCTURES REQUIRED TO PHASE CONSTRUCTION. REFER TO CIVIL DRAWINGS FOR SITE DEVELOPMENT CRITERIA AND INFORMATION RELATED TO ADDITIONAL SUB PHASING.
CONSTRUCTION OF COVERED SIDEWALK TO PROVIDE PERMANENT FOOD AND LAUNDRY CART ACCESS BETWEEN INFRASTRUCTURE BUILDING AND HEALTHCARE FACILITY SHOULD BE DONE AS SOON AS POSSIBLE BUT COORDINATED WITH CONSTRUCTION AND DEMOLITION; FOOD CART ACCESS TO HEALTHCARE FACILITY SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION. REFER TO CIVIL FOR ADDITIONAL CRITERIA INFORMATION.

PHASING GENERAL NOTES

1. CONSTRUCTION IMPLEMENTS PERIODIC PHASING BY THE USE OF PHASED SECURITY PERIMETER AND PHASED WORK ZONES;
   2. CONTRACTOR WORK ZONES SHALL BE SEPARATE FROM THE INMATE POPULATION.
   3. ACCESS TO EXISTING FACILITIES TO REMAIN SHARED TO ENSURE CONTINUED OPERATIONS. INTERRUPTIONS TO EXISTING ACCESS OR OPERATIONS SHALL BE LIMITED AND COORDINATED WITH THE FACILITY IN ADVANCE OF THE INTERRUPTION.
   4. REFER TO CIVIL DRAWINGS FOR SITE DEVELOPMENT CRITERIA AND INFORMATION RELATED TO ADDITIONAL SUB PHASING.

PHASE 4 CONSTRUCTION NOTES

1. PHASED SECURITY PERIMETER SHALL BE MAINTAINED AT ALL TIMES IN ORDER TO SEPARATE THE DEMOLITION AND CONSTRUCTION ACTIVITIES FROM THE INMATE POPULATION.
   2. A TEMPORARY SECURE PERIMETER SHALL BE MAINTAINED AT ALL TIMES IN ORDER TO SEPARATE THE DEMOLITION AND CONSTRUCTION ACTIVITIES FROM THE INMATE POPULATION. ACCESS AND SERVICES TO EXISTING FACILITIES TO REMAIN SHARED TO ENSURE CONTINUED OPERATIONS. INTERRUPTIONS TO EXISTING ACCESS OR OPERATIONS SHALL BE LIMITED AND COORDINATED WITH THE FACILITY IN ADVANCE OF THE INTERRUPTION.
   3. REFER TO CIVIL DRAWINGS FOR SITE DEVELOPMENT CRITERIA AND INFORMATION RELATED TO ADDITIONAL SUB PHASING.