NEW SITE NATURAL GAS MAIN - REFER TO SITE UTILITIES PLAN (BY CIVIL) FOR EXACT LOCATION OF NEW SITE GAS MAIN CONNECTION TO EXISTING GAS SOURCE.

EXISTING GAS MAIN - REFER TO SITE UTILITIES PLAN (BY CIVIL) FOR EXACT SIZE AND LOCATION.

10" BUILDING STORM DRAIN (TYP OF 2)
BUILDING TOTAL DEVELOPED ROOF SQUARE FEET = 32,585

GAS METER AND REGULATOR PROVIDE FOR 51,081 CFH

LINT TRAP

6" SANITARY BUILDING DRAIN

GREASE TRAPS (5)

4" DOMESTIC WATER SERVICE 362 GPM

NEW GAS MAIN

145TH AVE N

142ND AVE N

49TH ST N

JUVENILE DETENTION CENTER

CENTRAL DIVISION

SOUTH DIVISION

PINELLS COUNTY CRIMINAL COURT COMPLEX

HEALTH CARE FACILITY

SAFEBOR

SHERIFF ADMIN.

1" = 100'-0"

PLUMBING SITE PLAN
10" BUILDING STORM DRAIN
W/ 2-WAY CLEANOUT
(TOTAL BLDG DEVELOPED SQUARE FEET = 32,585)
INVERT AND CIVIL CONNECTION TBD

4" DOMESTIC WATER SERVICE
APPROX 382 GPM

6" BUILDING SANITARY DRAIN
INVERT: TBD

GREASE INTERCEPTORS
(TYP OF 5)

LINT INTERCEPTOR
SCHIER PS-125-B

4" SANITARY LINT LAIDEN FROM LAUNDRY

6" SANITARY

4" GREASE WASTE FROM KITCHEN

DOMESTIC WATER BOOSTER PUMP

EMERGENCY DOMESTIC WATER STORAGE TANK,
10'x10'x10', FOR A MIN. CAPACITY OF 7,500 GALLONS

COMPRESED AIR, STEAM AND TEPID WATER TO TUNNEL CLOTHES WASHERS

(TYP OF 2)

GAS REGULATOR AND SUPPLY HEADER TO DRYERS

AIR COMPRESSOR FOR TUNNEL CLOTHES WASHERS

BRANCH DOMESTIC CW & HW TO FIXTURES

MAIN GAS PIPING FROM EXTERIOR REGULATOR SET AT 5 PSI

MAIN DOMESTIC CW PIPING

NATURAL GAS

STEAM

105 DEG HOT WATER RETURN

105 DEG HOT WATER

COLD WATER

NATURAL GAS METER

AND REGULATOR SET AT 5 PSI
GENERATOR GAS SUPPLY @ 5 PSI TO PROVIDED GAS TRAIN

GAS REGULATOR AND SUPPLY TO STEAM BOILER

3" MAKE-UP WATER WITH RPZ/BFP FOR MECHANICAL NATURAL GAS STEAM BOILER

HEAT EXCHANGER SUPPLY FROM GENERATOR JACKET HOT WATER LOOP FOR PRIMARY DOMESTIC WATER HEATING AND PREHEATING OF STEAM BOILER FEED WATER

140 DEG F HW MASTER MIXING STATION TO KITCHEN
105 DEG F HW MASTER MIXING STATION TO KITCHEN, LAUNDRY AND REQUIRED HW FIXTURES.

DUAL FUEL WATER HEATER, CONSISTING OF PRIMARY WATER-TO-WATER HEAT EXCHANGE AND SECONDARY STEAM HEATING DURING POTENTIAL GENERATOR OUTAGE

SUPPLY AND RETURN PIPING TO GENERATOR HOT WATER JACKET LOOP

PRIMARY AND SECONDARY ROOF DRAINS SHALL BE PROVIDED IN THIS AREA

MAIN PIPING DN TO FLOORS BELOW:
NATURAL GAS
STEAM
105 DEG HOT WATER RETURN
140 DEG HOT WATER RETURN
105 DEG HOT WATER
140 DEG HOT WATER
COLD WATER

NOT FOR CONSTRUCTION
PRELIMINARY DOCUMENTS

APPROVED BY
CHECKED BY
DRAWN BY
DATE
SEAL
REVISIONS

P-130

THIRD FLOOR PLUMBING PLAN

THIRD FLOOR PARTIAL RISER DIAGRAM
PRIMARY AND SECONDARY ROOF DRAINS SHALL BE PROVIDED IN THIS AREA ON THIRD FLOOR.

Provide CW roof hydrants in locations where servicing HVAC equipment may occur.

Scale: 1/8" = 1'-0"