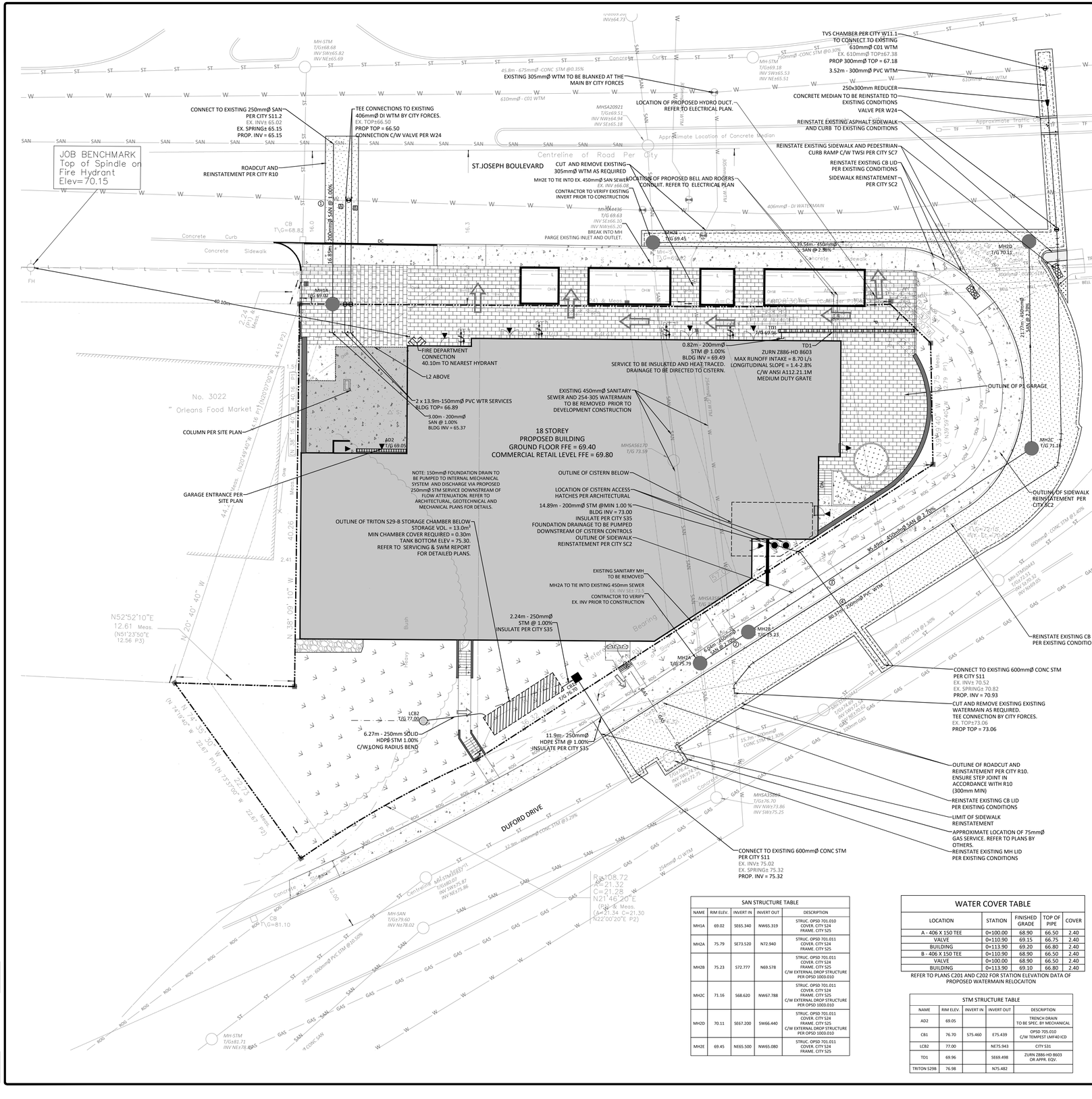
JOB BENCHMARK
Top of Spindle on Fire Hydrant
Elev= 70.15
ST.JOSEPH BOULEVARD
Centreline of Road Per City
Approximate Location of Concrete Median
DUFORD DRIVE
18 STOREY
PROPOSED BUILDING
GROUND FLOOR FFE = 69.40
COMMERCIAL RETAIL LEVEL FFE = 69.80
No. 3022
Orleans Food Market
CONNECT TO EXISTING 250mmØ SAN PER CITY S11.2
EX. INV± 65.02
EX. SPRING± 65.15
PROP. INV = 65.15
TEE CONNECTIONS TO EXISTING 406mmØ DI WTM BY CITY FORCES.
EX. TOP±66.50
PROP TOP = 66.50
CONNECTION C/W VALVE PER W24
ROADCUT AND REINSTATEMENT PER CITY R10
CUT AND REMOVE EXISTING 305mmØ WTM AS REQUIRED
MH2E TO TIE INTO EX. 450mmØ SAN SEWER
EX. INV ±66.08
CONTRACTOR TO VERIFY EXISTING INVERT PRIOR TO CONSTRUCTION
MH2E
T/G 69.45
BREAK INTO MH AND PARGE EXISTING INLET AND OUTLET.
45.8m - 675mmØ -CONC STM @0.35%
EXISTING 305mmØ WTM TO BE BLANKED AT THE MAIN BY CITY FORCES
LOCATION OF PROPOSED HYDRO DUCT. REFER TO ELECTRICAL PLAN.
LOCATION OF PROPOSED BELL AND ROGERS CONDUIT. REFER TO ELECTRICAL PLAN
TVS CHAMBER PER CITY W11.1
TO CONNECT TO EXISTING 610mmØ C01 WTM
EX. 610mmØ TOP±67.38
PROP 300mmØ TOP = 67.18
3.52m - 300mmØ PVC WTM
250x300mm REDUCER
CONCRETE MEDIAN TO BE REINSTATED TO EXISTING CONDITIONS
VALVE PER W24
REINSTATE EXISTING ASPHALT SIDEWALK AND CURB TO EXISTING CONDITIONS
REINSTATE EXISTING SIDEWALK AND PEDESTRIAN CURB RAMP C/W TWSI PER CITY SC7
REINSTATE EXISTING CB LID PER EXISTING CONDITIONS
SIDEWALK REINSTATEMENT PER CITY SC2
610mmØ - C01 WTM
406mmØ - DI WATERMAIN
200mmØ SAN @ 1.00%
16.54m - 450mmØ SAN @ 2.36%
MH2D
T/G 70.11
217m -450mmØ SAN @ 2.00%
MH2C
T/G 71.16
FIRE DEPARTMENT CONNECTION
40.10m TO NEAREST HYDRANT
L2 ABOVE
2 x 13.9m-150mmØ PVC WTR SERVICES
BLDG TOP= 66.89
3.00m - 200mmØ SAN @ 1.00%
BLDG INV = 65.37
COLUMN PER SITE PLAN
GARAGE ENTRANCE PER SITE PLAN
AD2
T/G 69.05
EXISTING 450mmØ SANITARY SEWER AND 254-305 WATERMAIN TO BE REMOVED PRIOR TO DEVELOPMENT CONSTRUCTION
NOTE: 150mmØ FOUNDATION DRAIN TO BE PUMPED TO INTERNAL MECHANICAL SYSTEM AND DISCHARGE VIA PROPOSED 250mmØ STM SERVICE DOWNSTREAM OF FLOW ATTENUATION. REFER TO ARCHITECTURAL, GEOTECHNICAL AND MECHANICAL PLANS FOR DETAILS.
OUTLINE OF TRITON S29-B STORAGE CHAMBER BELOW
STORAGE VOL. = 13.0m³
MIN CHAMBER COVER REQUIRED = 0.30m
TANK BOTTOM ELEV = 75.30.
REFER TO SERVICING & SWM REPORT FOR DETAILED PLANS.
OUTLINE OF CISTERN BELOW
LOCATION OF CISTERN ACCESS HATCHES PER ARCHITECTURAL
14.89m - 200mmØ STM @MIN 1.00 %
BLDG INV = 73.00
INSULATE PER CITY S35
FOUNDATION DRAINAGE TO BE PUMPED DOWNSTREAM OF CISTERN CONTROLS
OUTLINE OF SIDEWALK REINSTATEMENT PER CITY SC2
EXISTING SANITARY MH TO BE REMOVED
MH2A TO TIE INTO EXISTING 450mm SEWER
CONTRACTOR TO VERIFY EX. INV PRIOR TO CONSTRUCTION
2.24m - 250mmØ STM @ 1.00% INSULATE PER CITY S35
6.27m - 250mm SOLID HDPE STM 1.00% C/W LONG RADIUS BEND
11.9m - 250mmØ HDPE STM @ 1.00% INSULATE PER CITY S35
0.82m - 200mmØ STM @ 1.00%
BLDG INV = 69.49
SERVICE TO BE INSULATED AND HEAT TRACED. DRAINAGE TO BE DIRECTED TO CISTERN.
TD1
T/G 69.95
ZURN Z886-HD 8603
MAX RUNOFF INTAKE = 8.70 L/s
LONGITUDINAL SLOPE = 1.4-2.8%
C/W ANSI A112.21.1M
MEDIUM DUTY GRATE
OUTLINE OF P1 GARAGE
OUTLINE OF SIDEWALK REINSTATEMENT PER CITY SC2
35.49m - 450mmØ SAN @ 2.76%
MH2B
T/G 75.23
MH2A
T/G 75.79
LCB2
T/G 77.00
MH2E
T/G 69.45
MH2B
T/G 76.70
MH2C
T/G 71.16
MH2D
T/G 70.11
MHSAS617D
T/G 73.59
MHSAS617C
T/G 76.70
INV NW±73.86
INV SW±75.25
MHSAS617B
T/G 76.87
INV NW±73.87
INV NE±75.86
MHSAS617A
T/G 77.29
INV NW±74.03
INV SW±75.72
INV NE±75.72
MH-STM
T/G±68.68
INV SW±65.82
INV NE±65.69
MH-STM
T/G±69.18
INV SW±65.53
INV NE±65.51
MHSA20921
T/G±69.51
INV NW±64.94
INV SE±65.18
MH-STM
T/G±68.73
INV±64.73
MH-STM
T/G±68.02
INV NE±65.51
MH-SAN
T/G±79.60
INV N±78.02
MH-STM
T/G±81.71
INV NE±78.42
MH-STM
T/G±80.87
INV NW±75.89
INV NE±75.86
MH-STM
T/G±80.87
INV NW±75.87