

Symbol	Comment
▲	CITY AND COUNTY COMMENTS
▲	TOWNSHIP/MDOT COMMENTS
▲	01.20.22 ISSUED FOR BID
▲	WATER LINE
▲	
▲	
▲	
▲	
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CONTRACT DATE: 01/01/19  
BUILDING TYPE: ENDEAVOR 2.0  
PLAN VERSION: MARCH 2022  
BRAND DESIGNER: DAN DICKSON  
SITE NUMBER: 315089  
STORE NUMBER: 40164

**TACO BELL**  
18708 TELEGRAPH RD  
BROWNSTOWN, MI 48183



**ENDEAVOR 2.0**

**UTILITY PLAN**

**C-141**

**PLAN KEYNOTES**

- STORM**
- PROPOSED 77 L.F. OF 12" RCP STORM SEWER @ 3.50%.
  - PROPOSED 150 L.F. OF 12" RCP STORM SEWER @ 1.00%.
  - PROPOSED 77 L.F. OF 12" RCP STORM SEWER @ 3.00%.
  - PROPOSED 66 L.F. OF 12" RCP STORM SEWER @ 1.50%.
  - PROPOSED 38 L.F. OF 12" RCP STORM SEWER @ 1.50%.
  - PROPOSED 64 L.F. OF 12" RCP STORM SEWER @ 1.00%.
  - PROPOSED 3 L.F. OF 18" RCP STORM SEWER @ 0.33%.
  - PROPOSED 6" PVC DOWNSPOUT COLLECTOR LINE @ 2.50% MINIMUM. 118 L.F. TOTAL. INVERT AT BUILDING DOWNSPOUT CONNECTION TO BE 610.48.
  - PROPOSED 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.00% MINIMUM. 2 L.F. TOTAL.
  - PROPOSED STORM CLEANOUT AND WYE CONNECTION PER DETAILS, SHEET C-504. INV=609.77.
  - PROPOSED FINGER DRAIN PER DETAIL, SHEET C-504.
  - CONTRACTOR TO CLEAN EXISTING LINE OF SEDIMENT/DEBRIS PRIOR TO PROPOSED CONNECTION.

- SANITARY**
- PROPOSED SANITARY CONNECTION. INV=608.38.
  - PROPOSED 4 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED 4 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED SANITARY CLEANOUT AND WYE CONNECTION (22.5 DEGREE BEND) PER DETAILS, SHEET C-504. INV=608.00. RIM=613.47.
  - PROPOSED 25 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED SANITARY CONNECTION. INV=608.25.
  - PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED SANITARY CLEANOUT AND WYE CONNECTION PER DETAILS, SHEET C-504. INV=608.18. RIM=613.48.
  - PROPOSED 38 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED SANITARY CLEANOUT AND WYE CONNECTION PER DETAILS, SHEET C-504. INV=607.70. RIM=612.50.
  - PROPOSED SANITARY WYE CONNECTION PER DETAIL, SHEET C-504. INV=607.49.
  - PROPOSED 108 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED SANITARY CLEANOUT AND WYE CONNECTION PER DETAILS, SHEET C-504. INV=606.35. RIM=613.32.
  - PROPOSED 61 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED CONNECTION TO EXISTING SANITARY SEWER MAIN BY DEVELOPER. NEATLY CORE DRILL AND PROVIDE WATER TIGHT CONNECTION. 6" PVC (SW) INVERT=605.59.
  - PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED 45 DEGREE BEND
  - PROPOSED 23 L.F. OF 3" VENT PIPE TO GREASE INTERCEPTOR. COORDINATE EXACT LOCATION WITH PLUMBING PLANS.
  - PROPOSED TWO-WAY SANITARY CLEANOUT. REFER TO PLUMBING PLANS. 6" INV= 608.33. RIM=613.47.
  - PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.
  - PROPOSED TWO-WAY SANITARY CLEANOUT AND WYE CONNECTION. REFER TO PLUMBING PLANS. 6" INV= 608.22. RIM= 613.49.
  - PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 1.25%.

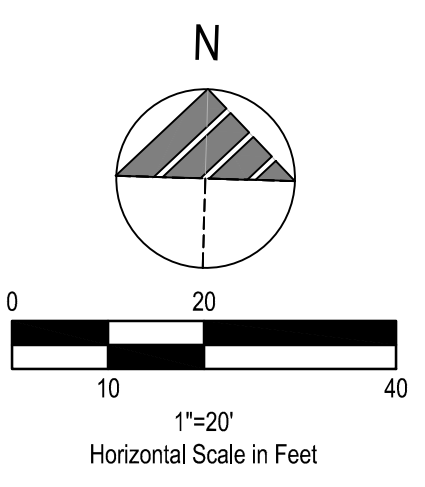
- WATER**
- PROPOSED WATER CONNECTION. PROPOSED WATER METER AND BACKFLOW PREVENTOR INSIDE BUILDING PER TOWNSHIP OF BROWNSTOWN STANDARDS AND SPECIFICATIONS. BACKFLOW PREVENTOR SHALL BE LOCATED AFTER THE METER.
  - PROPOSED 121 L.F. 2" (TYPE K) WATER SERVICE LINE.
  - PROPOSED 2" VALVE AND BOX PER TOWNSHIP OF BROWNSTOWN STANDARDS AND SPECIFICATIONS.
  - PROPOSED 2" WATER SERVICE TAP PER TOWNSHIP OF BROWNSTOWN STANDARDS AND SPECIFICATIONS.
  - PROPOSED 8" x 6" REDUCER.
  - PROPOSED 6" VALVE AND BOX PER TOWNSHIP OF BROWNSTOWN STANDARDS AND SPECIFICATIONS.
  - PROPOSED 12 L.F. FIRE HYDRANT ASSEMBLY PER TOWNSHIP OF BROWNSTOWN FIRE DEPARTMENT STANDARDS AND SPECIFICATIONS.
  - PROPOSED 89 L.F. 8" WATER MAIN PER TOWNSHIP OF BROWNSTOWN STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE THRUST BLOCKING AT ALL BENDS PER TOWNSHIP STANDARDS. WATERMAIN SHALL BE INSTALLED AT 60" MINIMUM DEPTH AND PER TOWNSHIP STANDARDS AND SPECIFICATIONS.
  - PROPOSED CONNECTION TO EXISTING DEVELOPERS WATER MAIN STUB. CONTRACTOR SHALL COORDINATE WITH DEVELOPER OF ADJACENT PROPERTY SUPPLYING WATER MAIN EXTENSION TO MAKE THE FINAL CONNECTION FOR THE PROPOSED WATER MAIN EXTENSION. CONTRACTOR SHALL COORDINATE ANY NECESSARY ADJUSTMENTS OR RELOCATIONS TO DEVELOPER SUPPLIED WATER MAIN STUB.
  - PROPOSED 12" WATER MAIN EASEMENT, CONTRACTOR TO COORDINATE WITH ADJACENT DEVELOPER.
  - PROPOSED 1" IRRIGATION LINE, REFER TO IRRIGATION AND PLUMBING PLANS.

- ELECTRIC AND COMMUNICATIONS**
- PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
  - PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
  - PROPOSED LIGHT POLE AND FOUNDATION REFER TO DETAIL ON STRUCTURAL PLANS.
  - PROPOSED PAD MOUNTED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER. IF EXISTING PAD TRANSFORMER MEETS UTILITY PROVIDER AND CLIENT REQUIREMENTS, CONTRACTOR SHALL ROUTE SERVICE CONNECTION FROM THE EXISTING PAD TRANSFORMER TO THE BUILDING INSTAD.

- GAS**
- PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
  - PROPOSED 274 L.F. GAS SERVICE CONNECTION TO BE COORDINATED WITH THE GAS COMPANY. BORING UNDER TELEGRAPH ROAD SHALL BE PER WAYNE COUNTY, TOWNSHIP OF BROWNSTOWN, AND UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
  - PROPOSED 20'x10' BORING PIT. CONTRACTOR TO RESTORE EXISTING LANDSCAPING TO PRE-CONSTRUCTION CONDITION AFTER BORING IS COMPLETE. CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGH WORK AREA.
  - PROPOSED 10'x10' BORING PIT. CONTRACTOR TO RESTORE EXISTING LANDSCAPING TO PRE-CONSTRUCTION CONDITION AFTER BORING IS COMPLETE. GAS CONNECTION TO BE PERFORMED BY UTILITY PROVIDER.

- UTILITY CROSSINGS**
- GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" VERTICAL SEPARATION AT SANITARY OR STORM SEWER CROSSINGS.
- PROPOSED UTILITY CROSSING: 6" STORM INV=610.35; 6" SANITARY INV=608.34

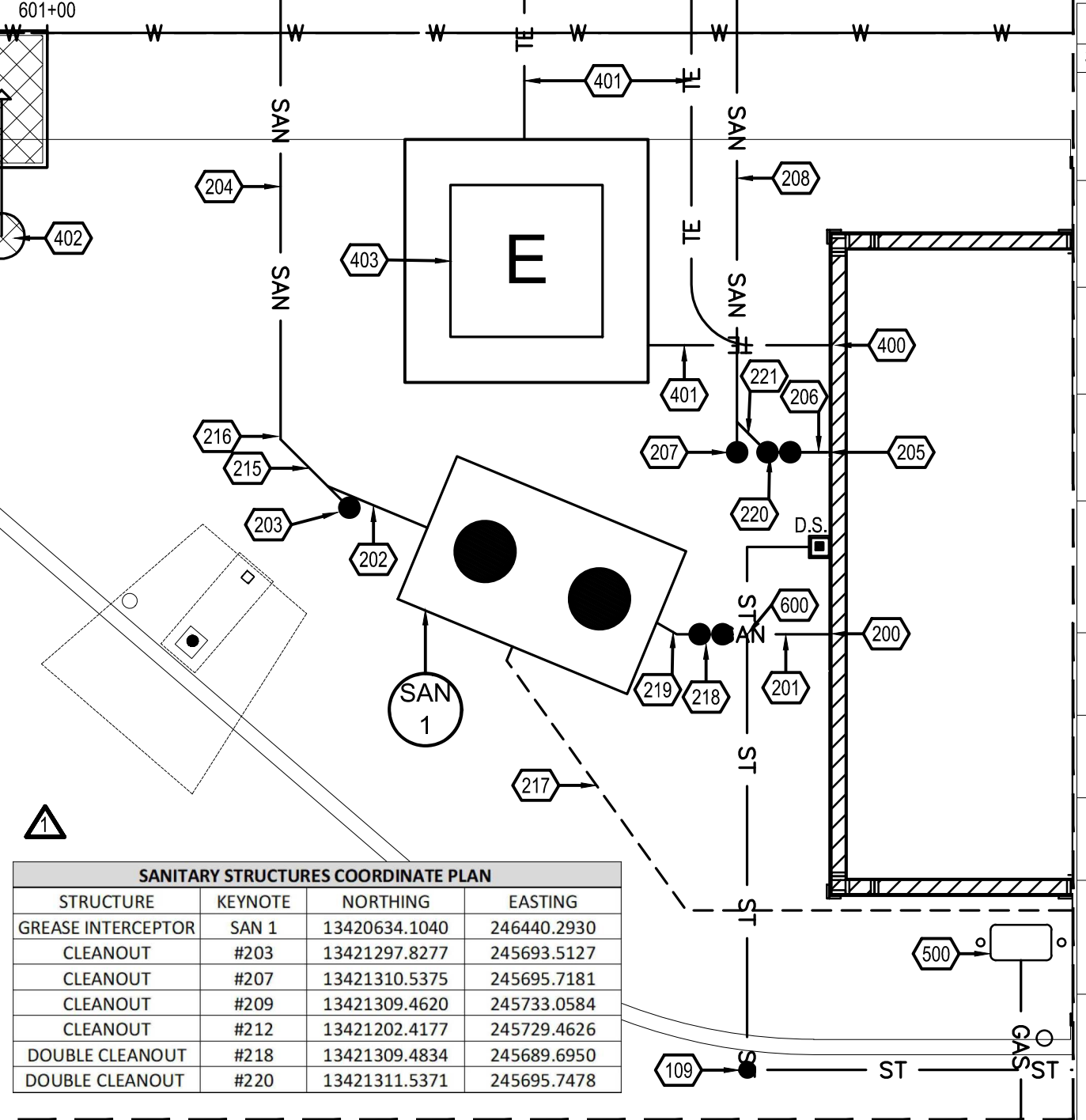
- BENCHMARKS:**
- BENCHMARK #1 - SET MAC NAIL IN WEST FACE OF UTILITY POLE.  
ELEVATION 614.11' (NAVD 88)  
NORTHING: 245697.79' / EASTING: 13421439.82'
- BENCHMARK #2 - SET 1/2" IRON WITH TRAVERSE CAP.  
ELEVATION = 611.49' (NAVD 88)  
NORTHING: 245975.81' / EASTING: 13421443.06'



**STORM SEWERS STRUCTURES COORDINATE PLAN**

STRUCTURE	NORTHING	EASTING
CB 1	13421176.9445	245645.8370
CB 2	13421253.8837	245650.9145
CB 4	13421251.1051	245744.0844
CB 5	13421327.8301	245746.5600
CB 6	13421393.3939	245752.7133
CB 7	13421403.5712	245655.3295
CB 8	13421410.2149	245718.9845
MH 1	13421414.9928	245719.1112

EXISTING STRUCTURES		PROPOSED STRUCTURES	
STRCT. ID	STRUCTURE DETAILS	STRCT. ID	STRUCTURE DETAILS
ST 100	EXISTING CATCH BASIN RIM=612.46 NO VISIBLE PIPES T/SEDIMENT=600.01	CB 1	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.28 INV. 4" (NE,SE)=610.78 INV. 12" (E)=608.49
ST 101	EXISTING STORM MANHOLE RIM=613.07 NO VISIBLE PIPES T/SEDIMENT=600.17	CB 2	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=611.65 INV. 4" (NW,NE)=610.15 INV. 12" (N,W)=605.79
SAN 102	EXISTING SANITARY MANHOLE RIM=612.96 INV. 12", N=594.85 INV. 12", S=594.81	CB 3	NOT USED
ST 103	EXISTING CATCH BASIN RIM=612.55 NO VISIBLE PIPES T/SEDIMENT=606.26	CB 4	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (N,S,E,W)=610.70 INV. 12" (W)=607.52
ST 104	EXISTING STORM MANHOLE RIM=613.73 INV. 12", S=610.73 INV. 12", N= (COULDN'T MEASURE) INV. 12", E, W=610.73	CB 5	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (N,S,E,W)=610.59 INV. 12" (E,W)=605.21
ST 105	EXISTING CATCH BASIN RIM=612.12 B/STRUCTURE=608.11	CB 6	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (NE,NW,SE,SW)=610.59 INV. 12" (W,SE)=604.22
ST 106	EXISTING STORM MANHOLE RIM=612.64 B/STRUCTURE=609.01	CB 7	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (NE,NW)=610.70 INV. 6" (SE)=607.53 INV. 12" (N)=604.29
ST 107	EXISTING CATCH BASIN RIM=612.59 INV=UNKNOWN	CB 8	PROPOSED 5' DIAMETER DOGHOUSE MANHOLE (SEE DETAIL SHEET C-504) RIM=612.62 INV. 18" (E)=602.00 EXISTING INV. 48" RCP (N, S)=599.95
SAN 108	EXISTING SANITARY MANHOLE RIM=612.35' INV. 12", S=595.50 INV. 12", N=595.60	MH 1	PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR (SEE DETAIL SHEET C-504) RIM=613.45 INV. 6" PVC (NW)=608.05 INV. 6" PVC (SE)=608.30
ST 109	EXISTING STORM LIFT STATION RIM=613.71' (EXISTING INVERTS SHOWN ARE PER TELESCOPY PLAZA RECORD INFORMATION) INV. 15" RCP, E=610.65 INV. 6" EFFLUENT, E=609.15 INV. 48" RCP, S=599.85 SUMP=598.20	SAN 1	
SAN 109	EXISTING SANITARY MANHOLE "T" PER DEVELOPER PLANS RIM=612.35' INV. 10", W=605.28		

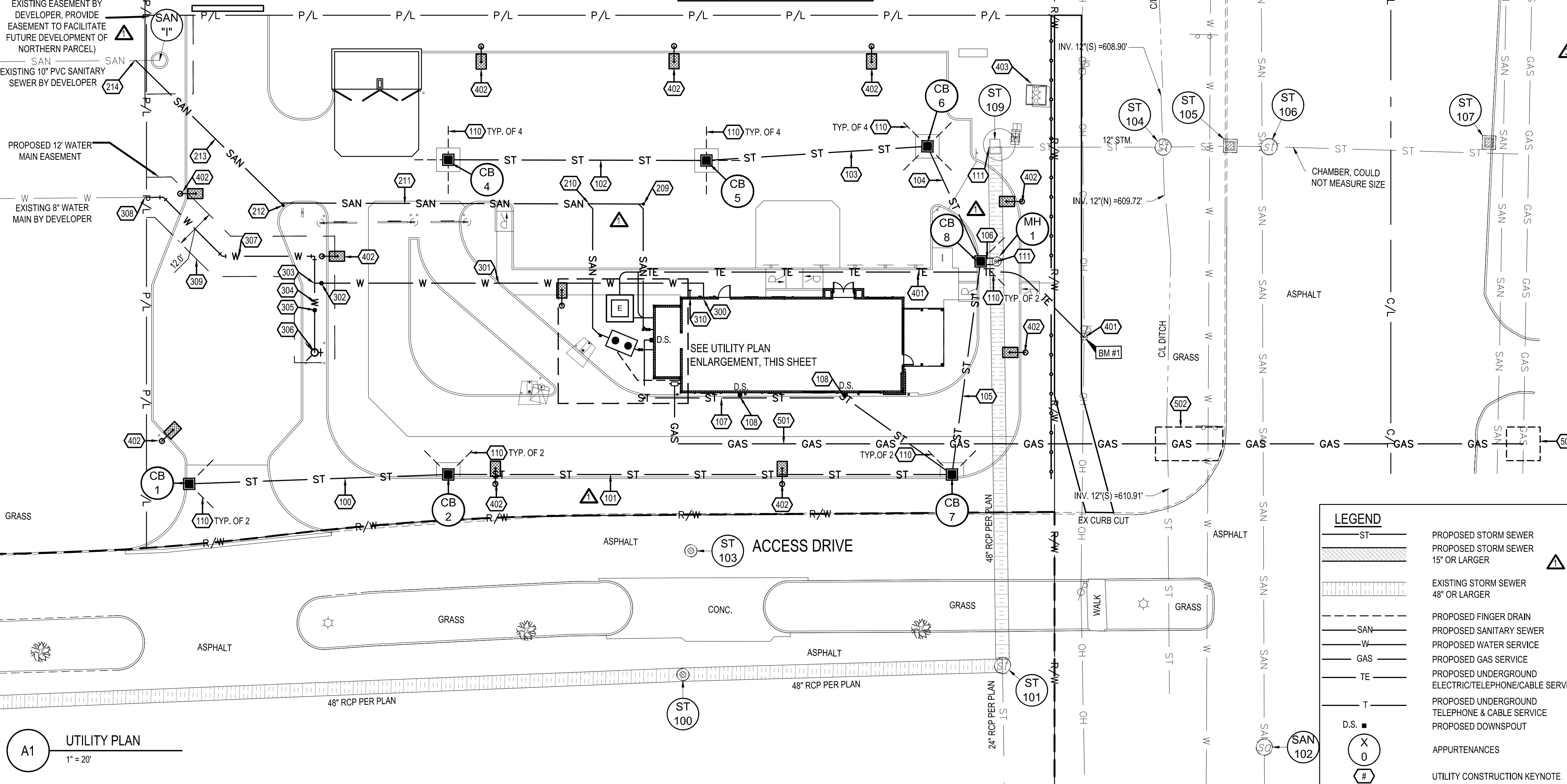


**SANITARY STRUCTURES COORDINATE PLAN**

STRUCTURE	KEYNOTE	NORTHING	EASTING
GREASE INTERCEPTOR	SAN 1	13420634.1040	246440.2930
CLEANOUT	#203	13421297.8277	245693.5127
CLEANOUT	#207	13421310.5375	245695.7181
CLEANOUT	#209	13421309.4620	245733.0584
CLEANOUT	#212	13421202.4177	245729.4626
DOUBLE CLEANOUT	#218	13421309.4834	245689.6950
DOUBLE CLEANOUT	#220	13421311.5371	245695.7478

**WATER MAIN STRUCTURES COORDINATE PLAN**

STRUCTURE	KEYNOTE	NORTHING	EASTING
FIRE HYDRANT	#306	13421213.0746	245685.9863
VALVE BOX	#305	13421212.5811	245702.6049
VALVE BOX	#302	13421214.4610	245706.6784



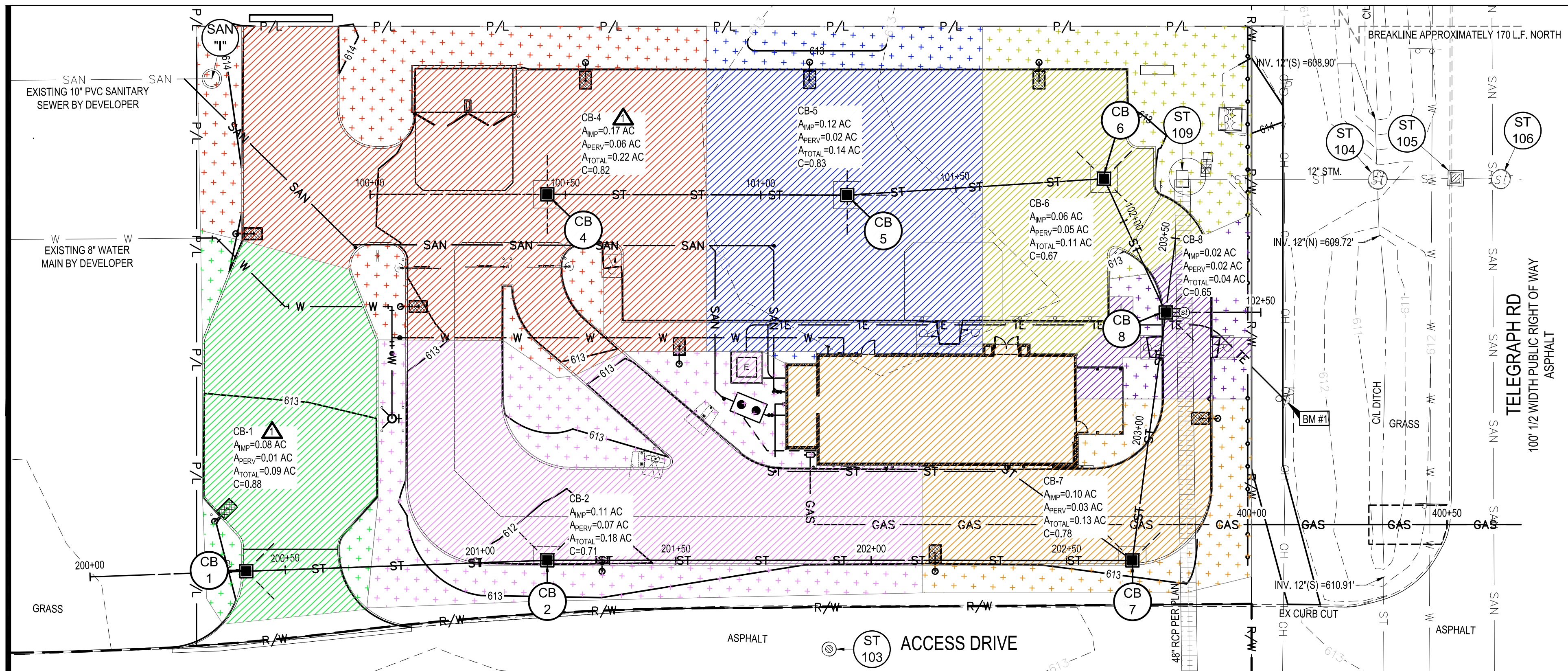
**LEGEND**

ST	PROPOSED STORM SEWER
ST	PROPOSED STORM SEWER 15" OR LARGER
ST	EXISTING STORM SEWER 48" OR LARGER
SAN	PROPOSED FINGER DRAIN
W	PROPOSED SANITARY SEWER
GAS	PROPOSED WATER SERVICE
TE	PROPOSED GAS SERVICE
T	PROPOSED UNDERGROUND ELECTRIC/TELEPHONE/CABLE SERVICE
D.S.	PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE
X	PROPOSED DOWNSPOUT
O	APPURTENANCES
#	UTILITY CONSTRUCTION KEYNOTE

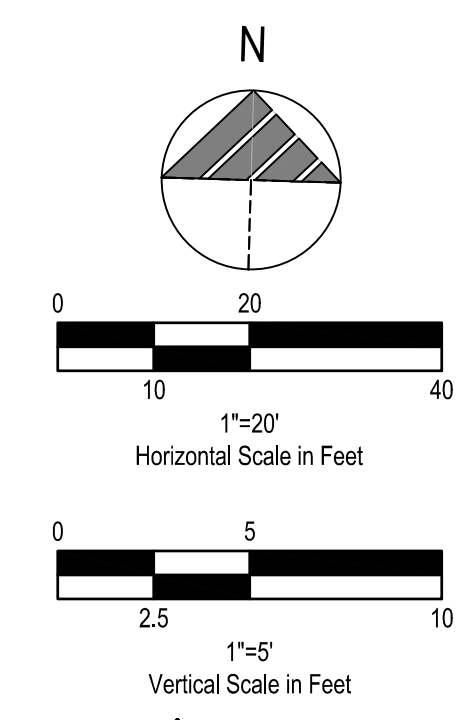
**A1** UTILITY PLAN  
1" = 20'

**D1** UTILITY PLAN ENLARGEMENT  
1" = 5'





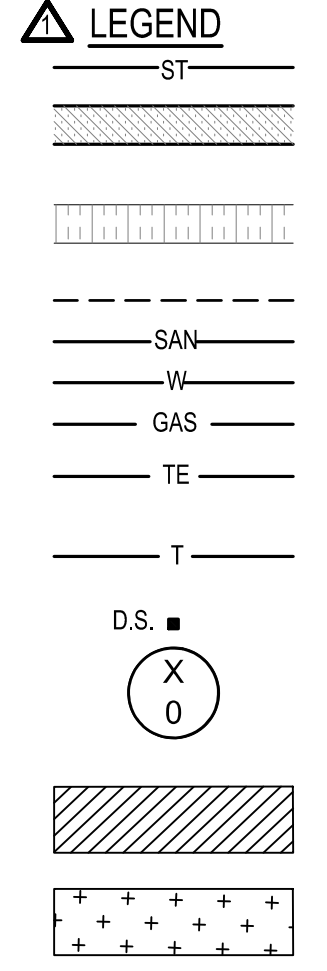
PROPOSED STRUCTURES	
STRUCT. ID	STRUCTURE DETAILS
CB 1	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.28 INV. 4" (NE,SE)=610.78 INV. 12" (E)=608.49
CB 2	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=611.65 INV. 4" (NW,NE)=610.15 INV. 12" (NW)=605.79
CB 3	NOT USED
CB 4	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (N,S,E,W)=610.70 INV. 12" (W)=607.52
CB 5	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (N,S,E,W)=610.59 INV. 12" (E,W)=605.21
CB 6	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (NE,NW,SE,SW)=610.59 INV. 12" (W,SE)=604.22
CB 7	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (NE,NW)=610.70 INV. 6" (SE)=607.53 INV. 12" (N)=604.29
CB 8	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.55 INV. 4" (NE, SE)=611.05 INV. 12" (NW, S)=603.65 INV. 18" (W)=602.01
MH 1	PROPOSED 5' DIAMETER DOGHOUSE MANHOLE (SEE DETAIL SHEET C-504) RIM=612.62 INV. 18" (E)=602.00 EXISTING INV. 48" RCP (N, S)=599.95±



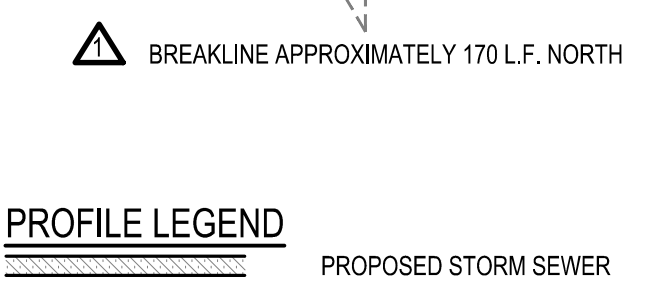
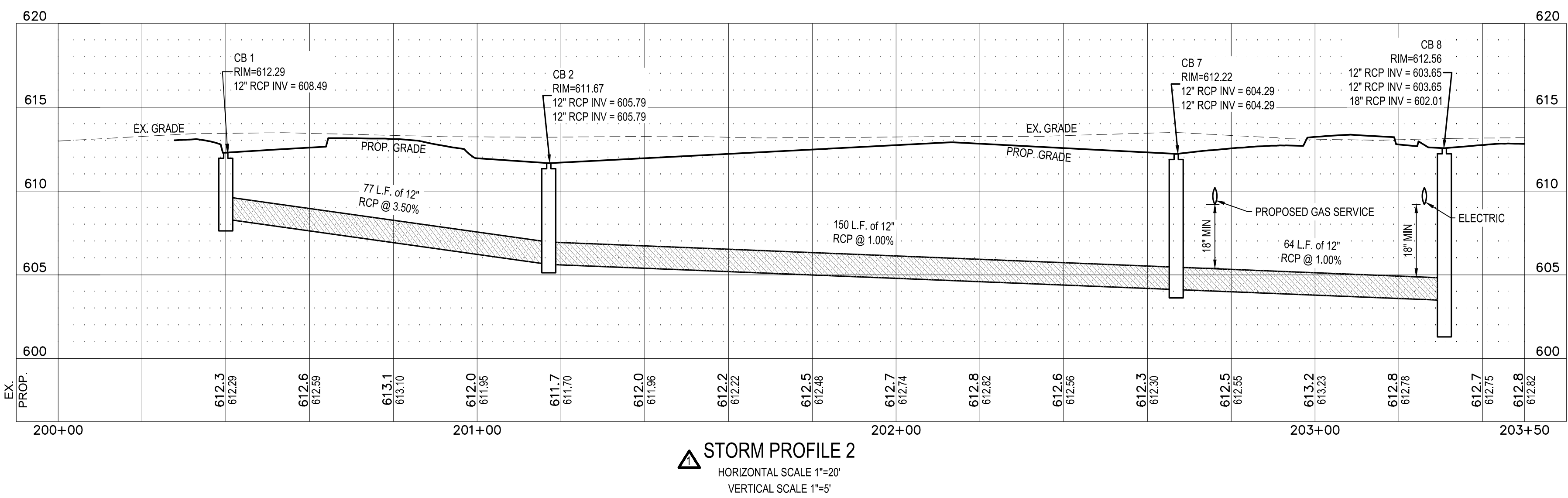
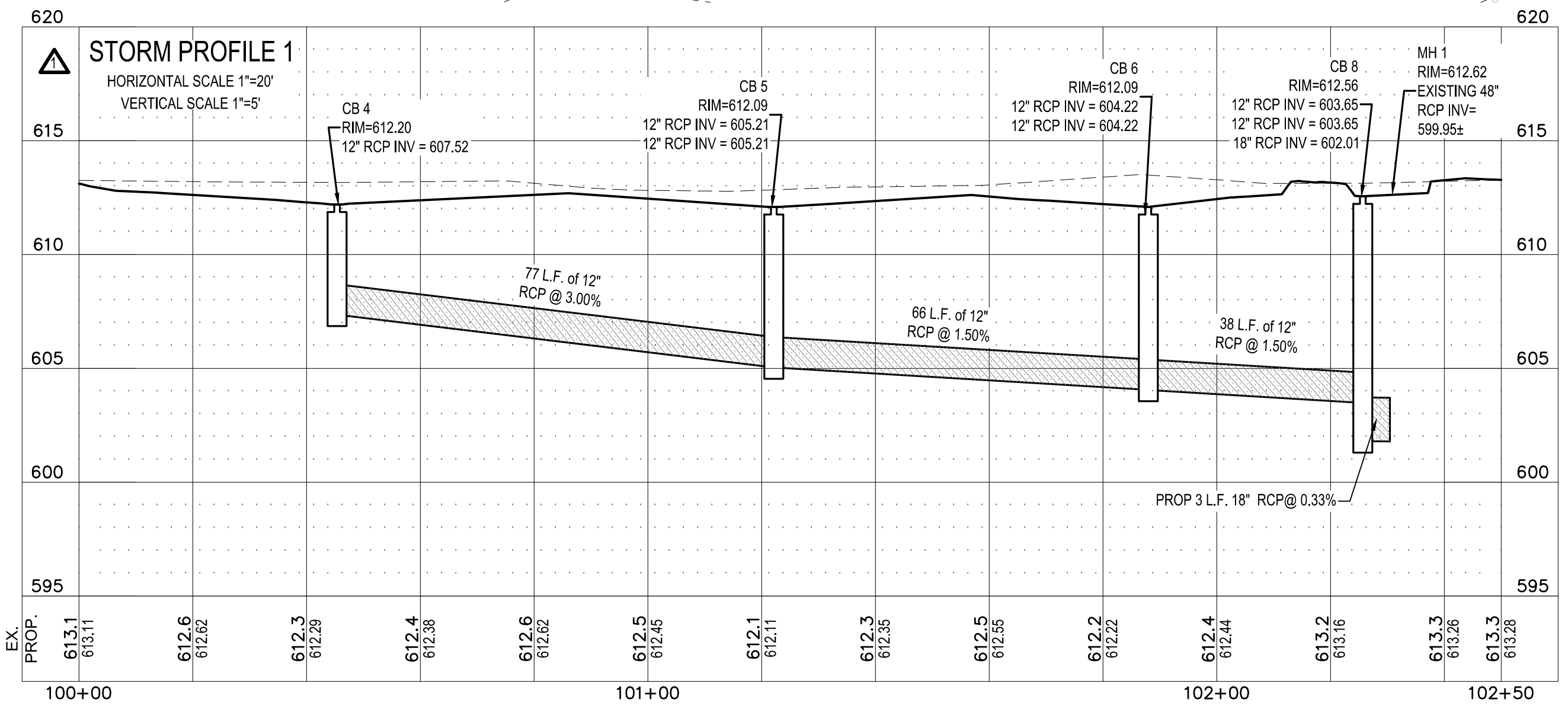
**GENERAL SHEET NOTES**

- CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES WITHIN WORK AREA PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES.
- WATER QUALITY AND DETENTION IS PROVIDED OFF-SITE BY DEVELOPER.

**MISS DIG 811**



PROPOSED STORM SEWER  
PROPOSED STORM SEWER 15" OR LARGER  
EXISTING STORM SEWER 48" OR LARGER  
PROPOSED FINGER DRAIN  
PROPOSED SANITARY SEWER  
PROPOSED WATER SERVICE  
PROPOSED GAS SERVICE  
PROPOSED UNDERGROUND ELECTRIC/TELEPHONE/CABLE SERVICE  
PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE  
PROPOSED DOWNSPOUT  
APPURTENANCES  
PROPOSED IMPERVIOUS DRAINAGE AREA C=0.90  
PROPOSED PERVIOUS DRAINAGE AREA C=0.40

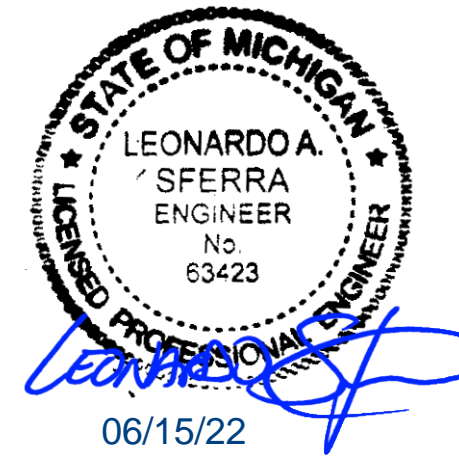
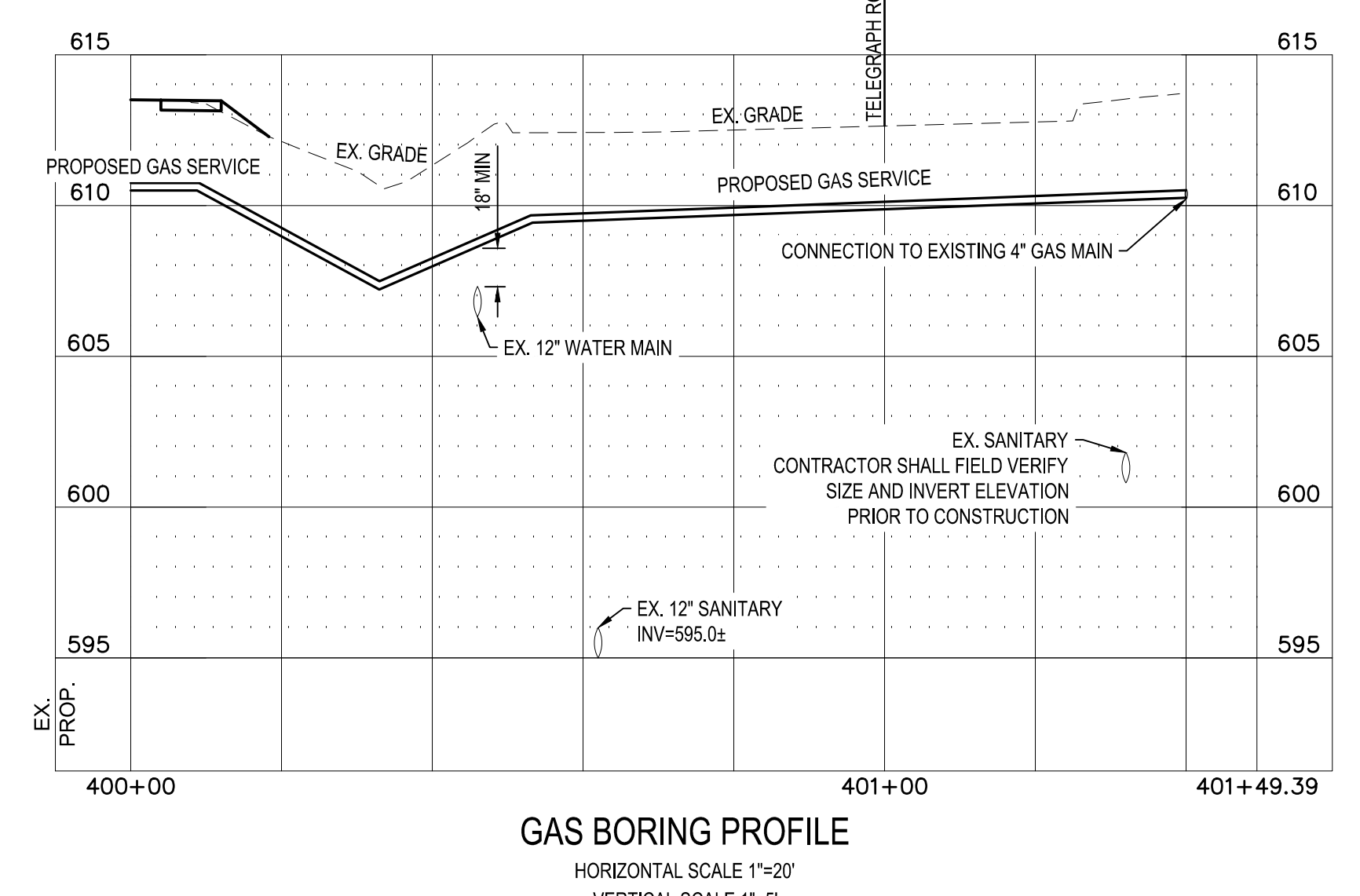


**Storm Sewer Tabulation 100-YEAR EVENT**

Line	To Line	Len (ft)	Dmg Area		Rnoff coeff (C)	Area x C		To Inlet (min)	Rain (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID	
			Incr (ac)	Total (ac)		Incr	Total						Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)		
1	End	3,000	0.04	0.91	0.65	0.03	0.70	10.0	13.6	6.3	4.44	6.07	2.51	18	0.33	602.00	602.01	603.95	603.96	613.15	612.55	CB 8 TO MH 1
2	1	38,000	0.11	0.47	0.67	0.07	0.37	10.0	11.2	6.7	2.49	4.36	5.07	12	1.50	603.65	604.22	604.19	604.90	612.55	612.09	CB 6 TO CB 8
3	2	66,000	0.14	0.36	0.83	0.12	0.30	10.0	10.8	8.8	2.02	4.36	3.82	12	1.50	604.22	605.21	604.90	606.82	612.09	612.09	CB 5 TO CB 6
4	3	77,000	0.22	0.22	0.82	0.18	0.18	10.0	10.0	7.0	1.26	6.17	2.98	12	3.00	605.21	607.52	605.82	607.99	612.09	612.20	CB 4 TO CB 5
5	1	64,000	0.13	0.40	0.78	0.10	0.31	10.0	13.2	6.4	1.96	3.56	4.33	12	1.00	603.65	604.29	604.18	604.89	612.55	612.20	CB 7 TO CB 8
6	5	150,000	0.18	0.27	0.71	0.13	0.21	10.0	11.8	6.6	1.37	3.56	3.17	12	1.00	604.29	605.79	604.89	606.28	612.20	611.65	CB 2 TO CB 7
7	6	77,000	0.09	0.09	0.88	0.08	0.08	10.0	10.0	7.0	0.55	6.67	2.05	12	3.51	605.79	608.49	606.28	608.80	611.65	612.28	CB 1 TO CB 2

Project File: 2019088.31 Storm Sewers.stm  
Number of lines: 7  
Run Date: 8/31/2021

NOTES: Intensity = 233.70 / (Inlet time + 23.50) ^ 1.00; Return period = Yrs. 100 ; c = cir e = ellip b = box



- ▲ CITY AND COUNTY COMMENTS
- ▲ TOWNSHIP/MDOT COMMENTS
- ▲ 01.20.22 ISSUED FOR BID
- ▲ 03.11.22 ISSUED FOR CONSTRUCTION
- ▲
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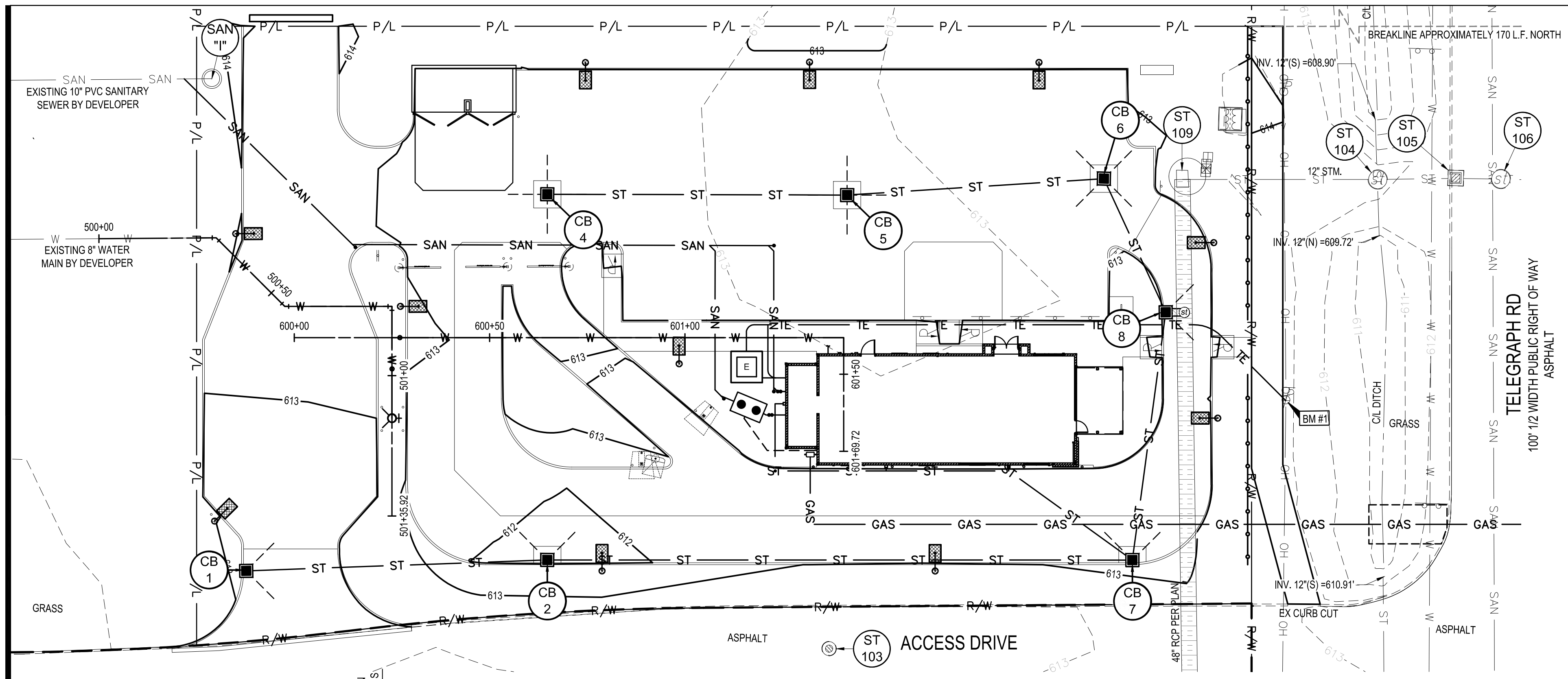
CONTRACT DATE: 01/01/19  
BUILDING TYPE: ENDEAVOR 2.0  
PLAN VERSION: MARCH 2022  
BRAND DESIGNER: DAN DICKSON  
SITE NUMBER: 315089  
STORE NUMBER: 40164

**TACO BELL**  
18708 TELEGRAPH RD  
BROWNSTOWN, MI 48183

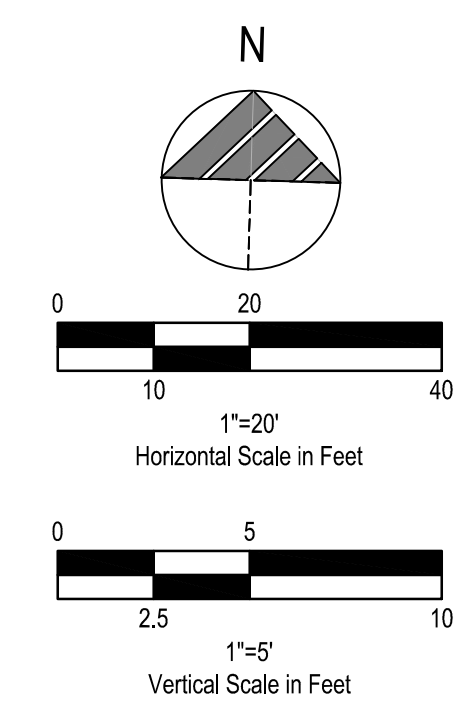


**STORM CALCS AND UTILITY PROFILES**

**C-142**



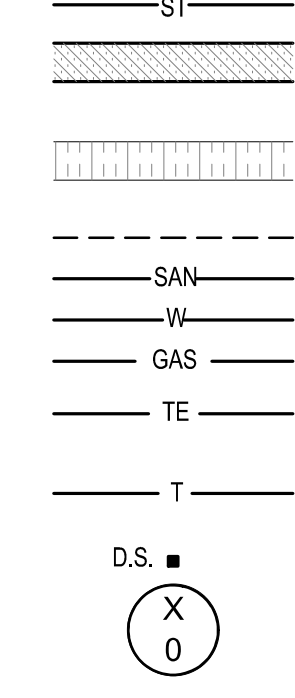
PROPOSED STRUCTURES	
STRCT. ID	STRUCTURE DETAILS
CB 1	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.28 INV. 4" (N.E.)=610.78 INV. 12" (E.)=608.49
CB 2	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=611.65 INV. 4" (N.W.)=610.15 INV. 12" (N.W.)=605.79
CB 3	NOT USED
CB 4	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (N.S.E.W.)=610.70 INV. 12" (W.)=607.52
CB 5	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (N.S.E.W.)=610.59 INV. 12" (E.W.)=605.21
CB 6	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.09 INV. 4" (N.E.N.W.S.E.S.W.)=610.59 INV. 12" (W.S.E.)=604.22
CB 7	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.20 INV. 4" (N.E.N.W.)=610.70 INV. 6" (S.E.)=607.53 INV. 12" (N.)=604.29
CB 8	PROPOSED CATCH BASIN (48" MIN DIAMETER, SEE DETAIL SHEET C-504) RIM=612.55 INV. 4" (N.E., S.E.)=611.05 INV. 12" (N.W., S.)=603.65 INV. 18" (W.)=602.01
MH 1	PROPOSED 5' DIAMETER DOGHOUSE MANHOLE (SEE DETAIL SHEET C-504) RIM=612.62 INV. 18" (E.)=602.00 EXISTING INV. 48" RCP (N. S.)=599.95±



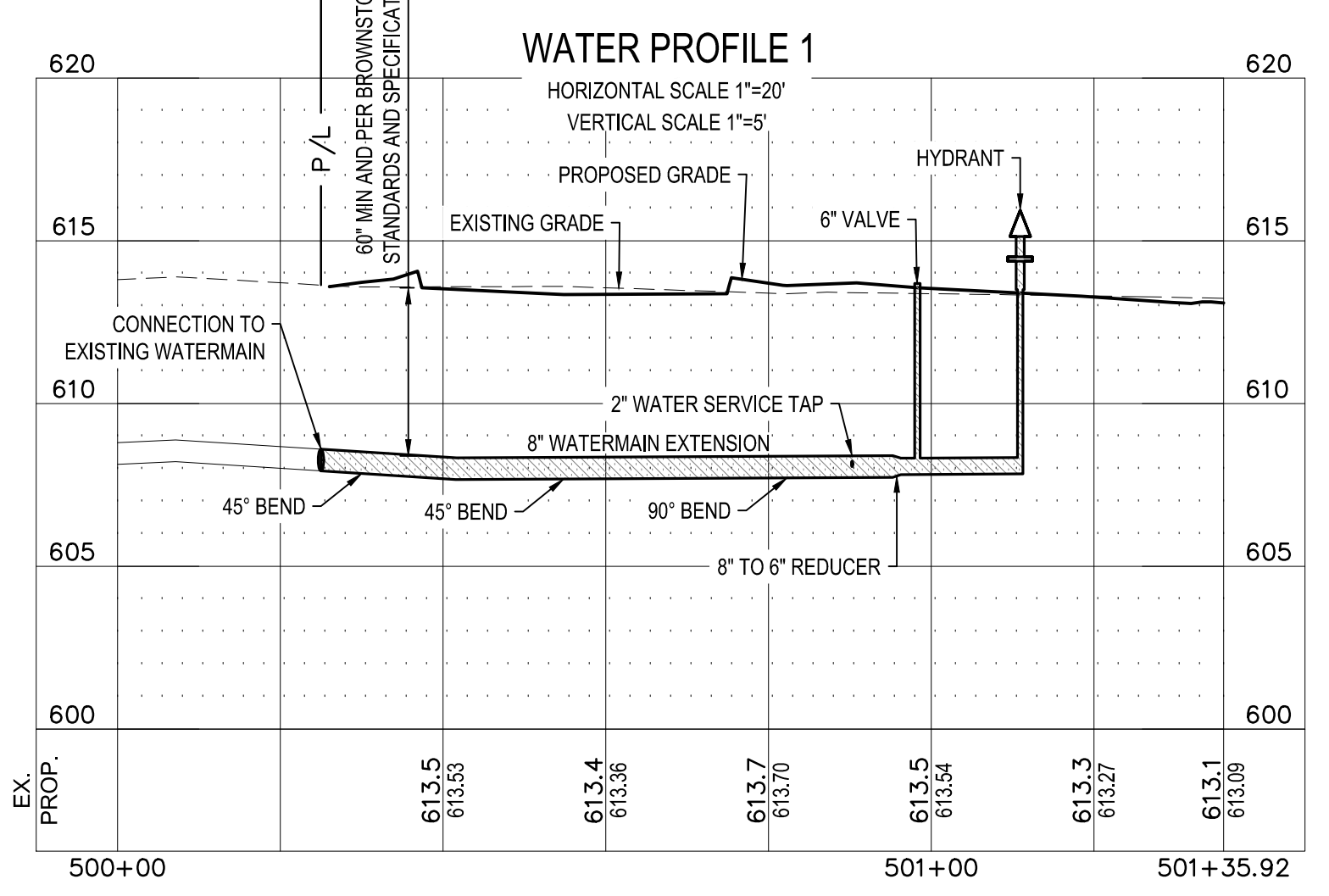
- GENERAL SHEET NOTES**
- CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES WITHIN WORK AREA PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES.
  - WATER QUALITY AND DETENTION IS PROVIDED OFF-SITE BY DEVELOPER.



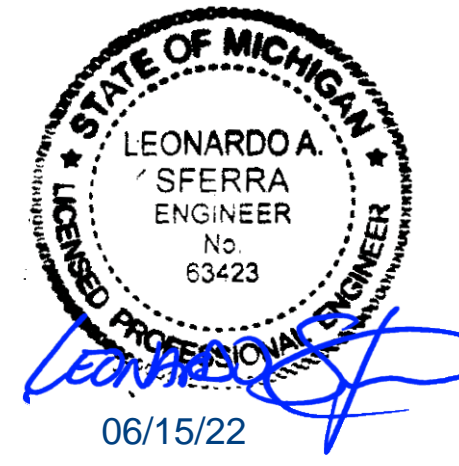
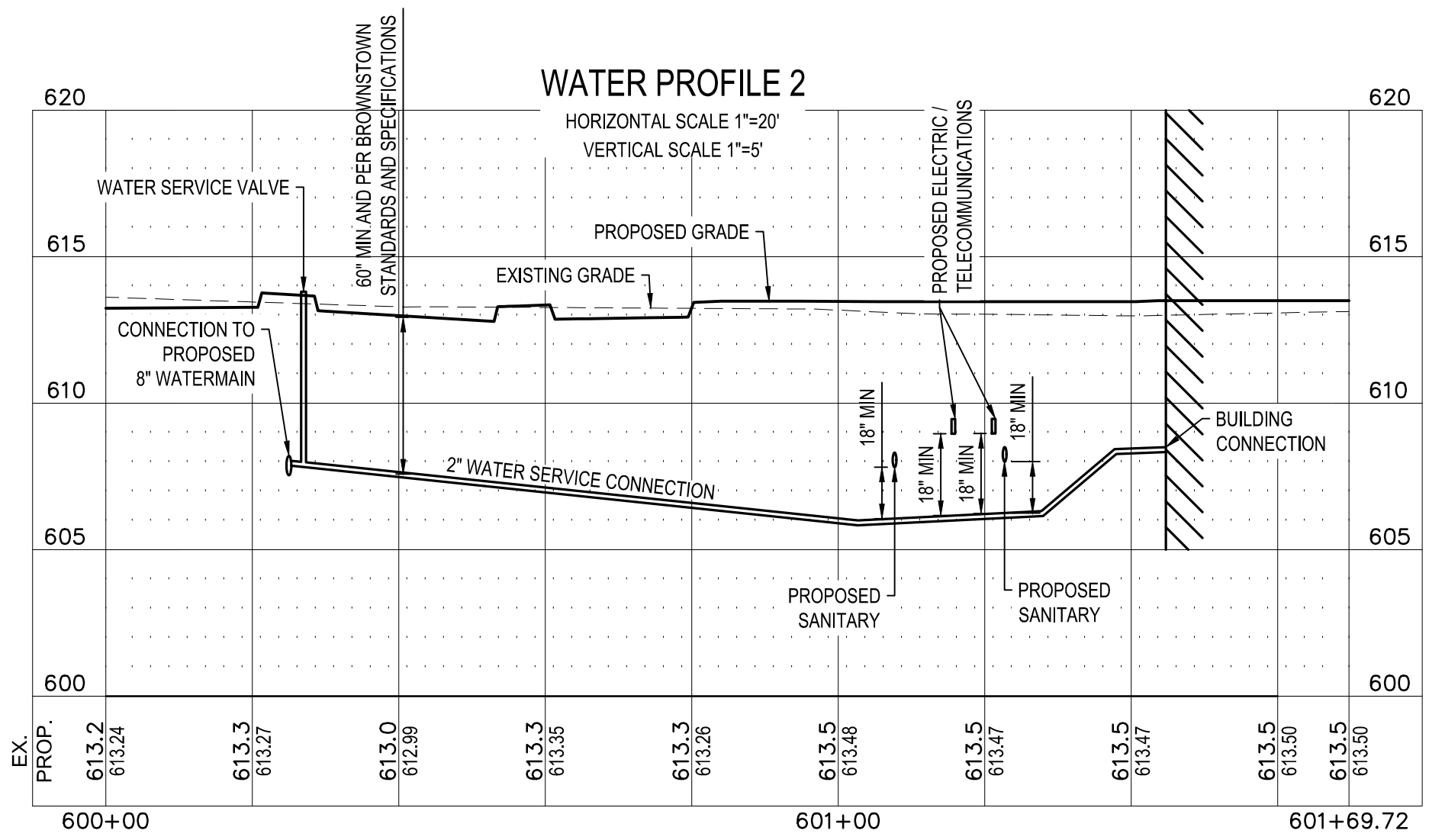
**LEGEND**



- PROPOSED STORM SEWER
- PROPOSED STORM SEWER 15" OR LARGER
- EXISTING STORM SEWER 48" OR LARGER
- PROPOSED FINGER DRAIN
- PROPOSED SANITARY SEWER
- PROPOSED WATER SERVICE
- PROPOSED GAS SERVICE
- PROPOSED UNDERGROUND ELECTRIC/TELEPHONE/CABLE SERVICE
- PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE
- PROPOSED DOWNSPOUT
- APPURTENANCES



**PROFILE LEGEND**



- ▲ CITY AND COUNTY COMMENTS
- ▲ TOWNSHIP/MDOT COMMENTS
- ▲ 01.20.22 ISSUED FOR BID
- ▲ WATER LINE
- ▲
- ▲
- ▲
- ▲
- ▲
- ▲

CONTRACT DATE: 01/01/19  
 BUILDING TYPE: ENDEAVOR 2.0  
 PLAN VERSION: MARCH 2022  
 BRAND DESIGNER: DAN DICKSON  
 SITE NUMBER: 315089  
 STORE NUMBER: 40164

**TACO BELL**  
 18708 TELEGRAPH RD  
 BROWNSTOWN, MI 48183



**WATER PROFILES**

**C-143**