

GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY AND PIPELINE COMPANIES PRIOR TO WORKING NEAR THEIR FACILITIES. THE GENERAL LOCATION OF EXISTING LINES HAS BEEN SHOWN AND ALL EXISTING LINES MAY NOT BE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY OTHER COMPANY WITH FACILITIES IN THE PROPOSED WORK AREA. CONTRACTOR SHALL CONTACT DIG TESS (TEXAS 811) VIA WWW.TEXAS811.ORG OR BY DIALING "811". THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES INCURRED IN LOCATING, COORDINATING, PROTECTING EXISTING FACILITIES, PROVIDING TEMPORARY SERVICE AS REQUIRED, ETC. REGARDING ANY AND ALL LINES ENCOUNTERED ON THIS PROJECT.
- ACCEPTABLE PIPE FOR ALL NEW LINES SHALL BE PRESSURE CLASS 150 C-900 PVC PIPE, OR 200 PSI HDPE AS SHOWN ON THE UTILITY PLAN SHEET.
- ALL CONSTRUCTION ACTIVITY AND INGRESS AND EGRESS TO THE PROJECT SHALL BE THROUGH PUBLIC RIGHT OF WAYS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL ACTIVITIES AND SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE CAUSED WITHIN THE PROJECT LIMITS OR OUTSIDE OF PROJECT LIMITS. THE CONTRACTOR SHALL PROVIDE A WRITTEN COPY OF ALL ARRANGEMENTS MADE WITH PROPERTY OWNERS FOR ANY PURPOSE.
- ALL EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE OSHA TRENCH SAFETY PROVISIONS.
- TREES MARKED TO BE PRESERVED SHALL NOT BE DAMAGED IN ANY WAY. THE CONTRACTOR IS ENCOURAGED TO UTILIZE APPROPRIATE METHODS TO SAVE TREES WITHIN THE PERMANENT EASEMENT. TREES WITHIN THE TEMPORARY EASEMENT SHALL NOT BE DAMAGED OR REMOVED.
- PRIVATE PARKING AND DRIVEWAYS SHALL NOT BE USED BY CONTRACTOR. PROVIDE TEMPORARY ACCESS TO EACH PROPERTY SERVED BY A SINGLE DRIVE. CONTRACTOR SHALL PROVIDE UTILITIES, TOILET FACILITIES, AND ALL OTHER MISCELLANEOUS NEEDS WITHOUT USE OF PRIVATE NOR CITY FACILITIES.
- PIPE SHALL BE PRESSURE TESTED AT 150 PSI FOR A MINIMUM OF 4 HOURS. CONTRACTOR SHALL FURNISH AND INSTALL TAPS, WATER AND ALL EQUIPMENT NECESSARY TO TEST THE LINE AND APPURTENANCES TO THE HYDRAULIC GRADE LINE SHOWN AT THE TEST PRESSURE FOR EACH SECTION. WATER SHALL BE CLEAN NON-POTABLE WATER WITH SOURCE APPROVED BY THE CITY. SHOULD ANY TEST FAIL, CONTRACTOR SHALL REMEDY THE FAILURE AND PROVIDE ALL EQUIPMENT, LABOR AND WATER TO COMPLETE ALL TESTING UNTIL THE INSTALLATION PASSES ALL TESTS.
- A TRAFFIC CONTROL PLAN IN COMPLIANCE WITH TEXAS DEPARTMENT OF TRANSPORTATION PERMIT REQUIREMENTS SHALL BE SUBMITTED FOR REVIEW FOR CONSTRUCTION OPERATIONS WITHIN ALL TEXAS DEPARTMENT OF TRANSPORTATION AND CITY RIGHT OF WAYS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DRAINAGE AND DEWATERING OPERATIONS REQUIRED FOR THE PROPER CONSTRUCTION OF THIS PROJECT AND SHALL PROTECT ALL

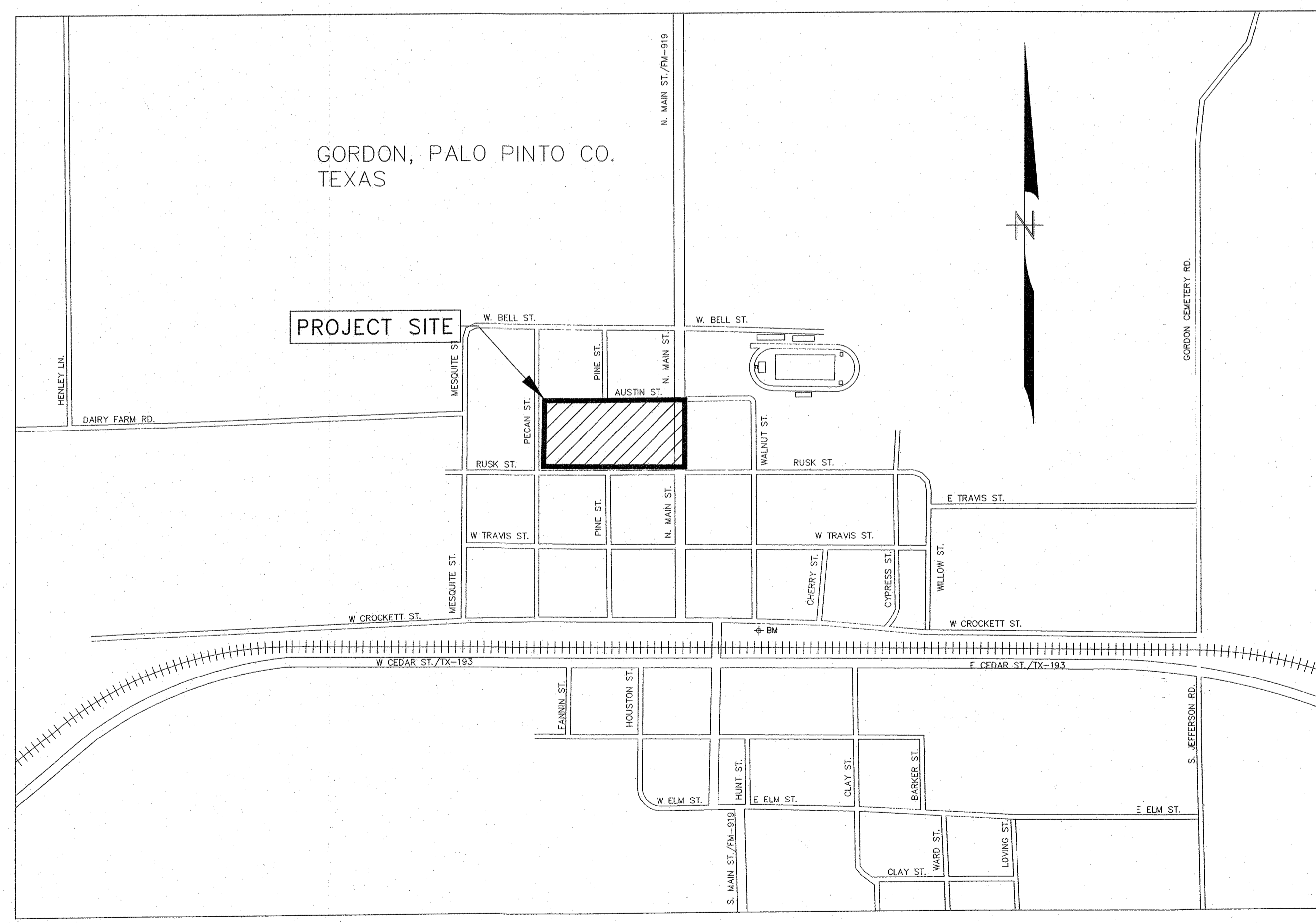
- "WATERS OF THE US RECEIVING WATERS" AS SPECIFIED BY THE NWP-12 PERMIT. PROPER DISPOSAL OF PUMPED WATER AND MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL CONTACT UNDERGROUND UTILITY AND PIPELINE COMPANIES AT THE BEGINNING OF THE PROJECT TO COORDINATE A PROBABLE DATE FOR EXCAVATION. CONTRACTOR SHALL CONTACT UTILITIES AND PIPELINE COMPANIES AT LEAST 5 WORKING DAYS IN ADVANCE OF EXCAVATION. PIPELINE SHALL BE INSTALLED BELOW THE UTILITY/PIPELINE TO PROVIDE THE LARGER OF: -CLEARANCE OF 24 INCHES BETWEEN PIPELINES -AT LEAST 18 INCHES PLUS HALF THE EXISTING PIPELINE DIAMETER CONTRACTOR SHALL MEET ALL REQUIREMENTS OF UTILITIES/PIPELINES BEING CROSSED AS INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT. ALL PIPELINE CROSSING ACTIVITIES SHALL BE IN CONFORMANCE WITH TEXAS STATE LAWS.
 - ALL EXCAVATION ON THIS PROJECT IS NON-CLASSIFIED AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONDITIONS ENCOUNTERED WITHOUT FURTHER COMPENSATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS FOR ROCK EXCAVATION, UNSUITABLE SOILS ENCOUNTERED, DEWATERING, ETC. WITHOUT FURTHER COST TO THE CITY AND SHALL PREPARE HIS BID ACCORDINGLY. A SOIL SURVEY WITH BORINGS PERFORMED AT SELECTED AREAS ONLY IS INCLUDED AS AN APPENDIX TO THE SPECIFICATIONS. THE BORING LOGS AND TESTS PERFORMED ARE ONLY ACCURATE AT THE BORING LOCATION. THE INFORMATION THEREIN IS FOR BASIS OF DESIGN PURPOSES ONLY AND PROVIDED ONLY AS A COURTESY. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING HIS OWN INVESTIGATION AND DRAWING HIS OWN CONCLUSIONS OF ALL PROJECT CONDITIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COST OF EXCAVATION, CONSTRUCTION, BACKFILL, ETC. REGARDLESS OF THE MATERIALS ENCOUNTERED AS WORK PROGRESSES.
 - ALL OPEN EXCAVATIONS SHALL BE ENCLOSED WHEN WORKERS ARE NOT PRESENT.
 - ALL WORK SHOWN ON THE PLANS BUT NOT LISTED AS A SCHEDULED ITEM ON THE BID PROPOSAL IS TO BE CONSIDERED AS INCIDENTAL TO THE CONSTRUCTION OF THE PROJECT.
 - CONTRACTOR SHALL NOTIFY THE OWNER OF INTENT TO WORK SATURDAYS BY CLOSE OF BUSINESS EACH THURSDAY.
 - CITY STREETS AND ROADS MUST MAINTAIN A MINIMUM OF ONE LANE OPEN FOR TRAFFIC AT ALL TIMES. NO STREET CLOSURES WILL BE AUTHORIZED WITHOUT WRITTEN APPROVAL FROM THE CITY.
 - PLANS ARE FULL SCALE WHEN PLOTTED ON STANDARD "ARCH D" SIZE SHEETS (24" X 36"). IF PRINTED ON STANDARD "ARCH B" SIZE SHEETS (12" X 18") ARE APPROXIMATELY HALF SCALE.
 - MECHANICAL AND FLANGED BOLT CONNECTION HARDWARE SHALL MEET THE REQUIREMENTS OF AWWA C110/115 FOR THE DESIGN PRESSURE CLASS OF THE JOINED PIPING SYSTEM. ALL BOLTS AND HARDWARE SHALL BE FURNISHED WITH BLUE FLUOROPOLYMER COATING (XYLAN OR APPROVED EQUAL).
 - LOCATION OF WATERLINES.

- WHEN NEW POTABLE WATER DISTRIBUTION LINES ARE CONSTRUCTED, THEY SHALL BE INSTALLED NO CLOSER THAN NINE FEET IN ALL DIRECTIONS TO WASTEWATER COLLECTION FACILITIES. ALL SEPARATION DISTANCES SHALL BE MEASURED FROM THE OUTSIDE SURFACE OF EACH OF THE RESPECTIVE PIECES.
 - POTABLE WATER DISTRIBUTION LINES AND WASTEWATER MAINS OR LATERALS THAT FORM PARALLEL UTILITY LINES SHALL BE INSTALLED IN SEPARATE TRENCHES.
 - NO PHYSICAL CONNECTION SHALL BE MADE BETWEEN A DRINKING WATER SUPPLY AND A SEWER LINE. ANY APPURTENANCE SHALL BE DESIGNED AND CONSTRUCTED SO AS TO PREVENT ANY POSSIBILITY OF SEWAGE ENTERING THE DRINKING WATER SYSTEM.
 - WHERE THE NINE-FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, THE FOLLOWING CRITERIA SHALL APPLY.
 - NEW WATERLINE INSTALLATION - PARALLEL LINES.
 - WHERE A NEW POTABLE WATERLINE PARALLELS AN EXISTING, NON-PRESSURE OR PRESSURE RATED WASTEWATER MAIN OR LATERAL AND THE LICENSED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS IS ABLE TO DETERMINE THAT THE EXISTING WASTEWATER MAIN OR LATERAL IS NOT LEAKING, THE NEW POTABLE WATERLINE SHALL BE LOCATED AT LEAST TWO FEET ABOVE THE EXISTING WASTEWATER MAIN OR LATERAL, MEASURED VERTICALLY, AND AT LEAST FOUR FEET AWAY, MEASURED HORIZONTALLY, FROM THE EXISTING WASTEWATER MAIN OR LATERAL. EVERY EFFORT SHALL BE EXERTED NOT TO DISTURB THE BEDDING AND BACKFILL OF THE EXISTING WASTEWATER MAIN OR LATERAL.
 - WHERE A NEW POTABLE WATERLINE PARALLELS AN EXISTING PRESSURE-RATED WASTEWATER MAIN OR LATERAL AND IT CANNOT BE DETERMINED BY THE LICENSED PROFESSIONAL ENGINEER IF THE EXISTING LINE IS LEAKING, THE EXISTING WASTEWATER MAIN OR LATERAL SHALL BE REPLACED WITH AT LEAST 150 PSI PRESSURE-RATED PIPE. THE NEW POTABLE WATERLINE SHALL BE LOCATED AT LEAST TWO FEET ABOVE THE NEW WASTEWATER LINE, MEASURED VERTICALLY, AND AT LEAST FOUR FEET AWAY, MEASURED HORIZONTALLY, FROM THE REPLACED WASTEWATER MAIN OR LATERAL.
 - WHERE A NEW POTABLE WATERLINE CROSSES A NEW, NON-PRESSURE RATED WASTEWATER MAIN OR LATERAL, THE SEGMENT OF THE WATERLINE PIPE SHALL BE CENTERED OVER AND SHALL BE PERPENDICULAR TO THE WASTEWATER MAIN OR LATERAL SUCH THAT THE JOINTS OF THE WATERLINE PIPE ARE EQUIDISTANT AND AT LEAST NINE FEET HORIZONTALLY FROM THE CENTERLINE OF THE WASTEWATER MAIN OR LATERAL. WHEN CROSSING AN EXISTING WASTEWATER MAIN OR LATERAL AND IT IS DISTURBED OR SHOWS SIGNS OF LEAKING, THE WASTEWATER MAIN OR LATERAL SHALL BE REPLACED FOR AT LEAST NINE FEET IN BOTH DIRECTIONS (18 FEET TOTAL) WITH AT LEAST 150 PSI PRESSURE-RATED PIPE EMBEDDED IN CEMENT STABILIZED SAND FOR THE TOTAL LENGTH OF ONE PIPE SEGMENT PLUS 12 INCHES BEYOND THE JOINT ON EACH END.
 - THE POTABLE WATERLINE SHALL BE AT LEAST TWO FEET ABOVE AN EXISTING, NON-PRESSURE RATED WASTEWATER MAIN OR LATERAL.
 - THE POTABLE WATERLINE SHALL BE AT LEAST SIX INCHES ABOVE AN EXISTING, PRESSURE-RATED WASTEWATER MAIN OR LATERAL.

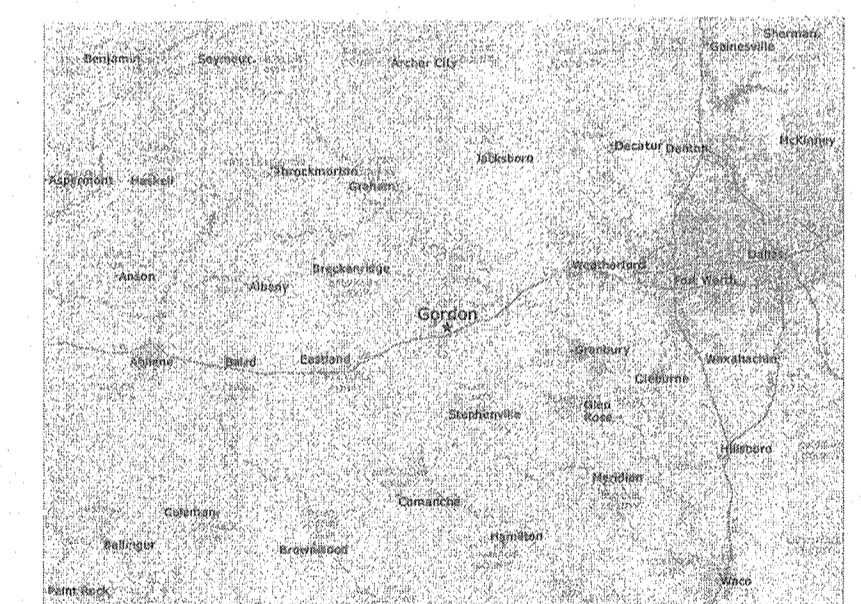
- WHERE A NEW POTABLE WATERLINE PARALLELS A NEW WASTEWATER MAIN, THE WASTEWATER MAIN OR LATERAL SHALL BE CONSTRUCTED OF AT LEAST 150 PSI PRESSURE-RATED PIPE. THE NEW POTABLE WATERLINE SHALL BE LOCATED AT LEAST TWO FEET ABOVE THE WASTEWATER MAIN OR LATERAL, MEASURED VERTICALLY, AND AT LEAST FOUR FEET AWAY, MEASURED HORIZONTALLY, FROM THE WASTEWATER MAIN OR LATERAL.
 - NEW WATERLINE INSTALLATION - CROSSING LINES.
 - WHERE A NEW POTABLE WATERLINE CROSSES ABOVE A WASTEWATER MAIN OR LATERAL, THE SEGMENT OF THE WATERLINE PIPE SHALL BE CENTERED OVER AND MUST BE PERPENDICULAR TO THE WASTEWATER MAIN OR LATERAL SUCH THAT THE JOINTS OF THE WATERLINE PIPE ARE EQUIDISTANT AND AT LEAST NINE FEET HORIZONTALLY FROM THE CENTERLINE OF THE WASTEWATER MAIN OR LATERAL. WHEN CROSSING AN EXISTING WASTEWATER MAIN OR LATERAL AND IT IS DISTURBED OR SHOWS SIGNS OF LEAKING, THE WASTEWATER MAIN OR LATERAL SHALL BE REPLACED FOR AT LEAST NINE FEET IN BOTH DIRECTIONS (18 FEET TOTAL) WITH AT LEAST 150 PSI PRESSURE-RATED PIPE EMBEDDED IN CEMENT STABILIZED SAND FOR THE TOTAL LENGTH OF ONE PIPE SEGMENT PLUS 12 INCHES BEYOND THE JOINT ON EACH END.
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 - WITHIN NINE FEET HORIZONTALLY OF EITHER SIDE OF THE WATERLINE, THE WASTEWATER PIPE AND JOINTS SHALL BE CONSTRUCTED WITH PIPE MATERIAL HAVING A MINIMUM PRESSURE RATING OF AT LEAST 150 PSI. AN ABSOLUTE MINIMUM VERTICAL SEPARATION DISTANCE OF TWO FEET SHALL BE PROVIDED. THE WASTEWATER MAIN OR LATERAL SHALL BE LOCATED BELOW THE WATERLINE.
 - ALL SECTIONS OF WASTEWATER MAIN OR LATERAL WITHIN NINE FEET HORIZONTALLY OF THE WATERLINE SHALL BE ENCASED IN AN 18-FOOT (OR LONGER) SECTION OF PIPE. FLEXIBLE ENCASEMENT PIPE SHALL HAVE A MINIMUM PIPE STIFFNESS OF 115 PSI AT 5.0% DEFLECTION. THE ENCASEMENT PIPE SHALL BE CENTERED ON THE WATERLINE AND SHALL BE AT LEAST TWO NOMINAL PIPE DIAMETERS LARGER THAN THE WASTEWATER MAIN OR LATERAL. THE SPACE AROUND THE CARRIER PIPE SHALL BE SUPPORTED AT FIVE-FOOT (OR LESS) INTERVALS WITH SPACERS OR BE FILLED TO THE SPRINGLINE WITH WASHED SAND. EACH END OF THE CASING SHALL BE SEALED WITH WATERTIGHT NON-SHRINK CEMENT GROUT OR A MANUFACTURED WATERTIGHT SEAL. AN ABSOLUTE MINIMUM SEPARATION DISTANCE OF SIX INCHES BETWEEN THE ENCASEMENT PIPE AND THE WATERLINE SHALL BE PROVIDED. THE WASTEWATER LINE SHALL BE LOCATED BELOW THE WATERLINE.

INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
C101	LOCATION MAP, LEGEND, NOTES, AND INDEX
C102	EXISTING SITE PLAN
C103	DEMOLITION PLAN
C104	GRADING PLAN
C104A	ALTERNATE PARKING PLAN & AGRICULTURE BLDG.
C105	DIMENSION CONTROL PLAN
C106	UTILITY PLAN
C107	UTILITY DETAILS
C108	UTILITY & SITEWORK DETAILS
C109	PAVING & SITEWORK DETAILS
C110	DRAINAGE DETAILS
C111	SWPPP

LEGEND	
TREE	EXISTING WATER LINE
POWER POLE	NEW 2" WATER LINE
TELEPHONE POLE	NEW 4" WATER LINE
LIGHT POLE	NEW 6" WATER LINE
GUY POLE	EXISTING SANITARY SEWER
FIRE HYDRANT	EXISTING FENCE
METER BOX	NEW FENCE
WATER VALVE	NEW ELECTRICAL CIRCUIT
WATER METER	EXISTING FOC (BURIED)
GAS VALVE	EXISTING GAS LINE
GAS METER	ASPHALT
CLEAN OUT	GRAVEL
MANHOLE	CONC. PAVEMENT
PLUG	BRICK
COORDINATE	RIP-RAP
NEW SPOT ELEVATION	EXISTING CONTOURS
EXISTING SPOT ELEVATION	PROPOSED CONTOURS
NEW GATE VALVE	EXPANSION JOINT
NEW PAINTED ARROW	CONTRACTION JOINT
TRAFFIC FLOW ARROW	HEAVY DUTY PAVEMENT AREA 7" THICK (ALL OTHER PAVEMENT IS 6" THICK)
DRAINAGE FLOW ARROW	LIGHT DUTY PAVEMENT AREA 6" THICK

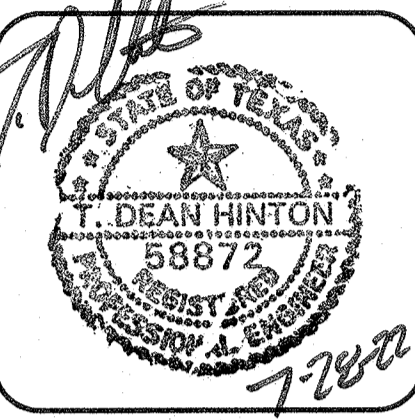


LOCATION MAP
1" = 50'



GORDON TX LOCATION MAP
1" = 50 MILES

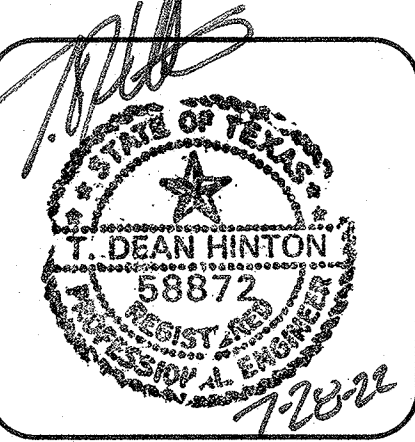
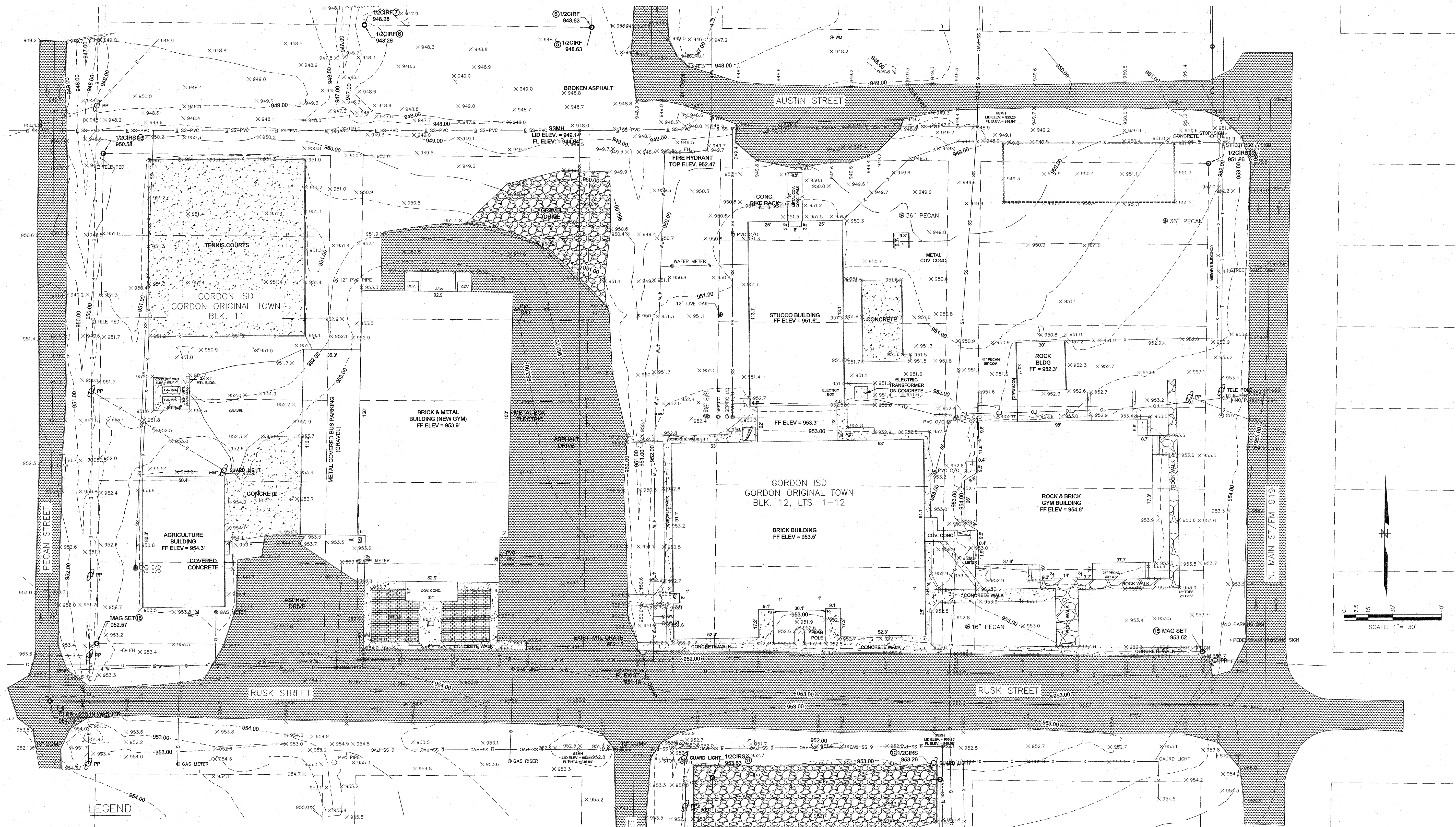
LOCATION MAP, LEGEND, NOTES, & INDEX



ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.
 112 RUSK STREET
 GORDON, TEXAS 76453

DRAWN BY: KCN		
DATE: 28 JULY 2022		
REVISIONS		
NO.	DESCRIPTION	DATE
PROJECT NO.	20864.00	
SHEET NO.	C101	

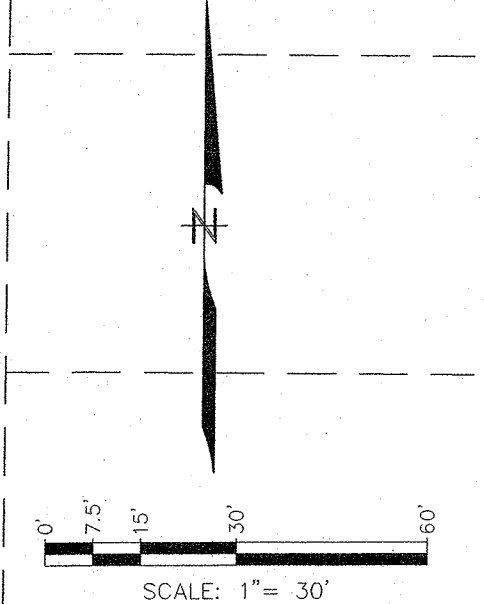
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 Wichita Falls, Texas 76302 Fax (940) 397-0549
 Texas Registered Engineering Firm P-278



ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.

GORDON, TEXAS 76453

112 RUSK STREET



LEGEND

- TREE
- PP POWER POLE
- TP TELEPHONE POLE
- LP LIGHT POLE
- GP GUY POLE
- FH FIRE HYDRANT
- MB METER BOX
- WV WATER VALVE
- WM WATER METER
- GV GAS VALVE
- GM GAS METER
- CO CLEAN OUT
- MH MANHOLE
- PL PLUG
- CO COORDINATE
- NEW SPOT ELEVATION
- EXISTING SPOT ELEVATION
- NEW GATE VALVE
- NEW PAINTED ARROW
- TRAFFIC FLOW ARROW
- DRAINAGE FLOW ARROW
- W EXISTING WATER LINE
- 2" NEW 2" WATER LINE
- 4" NEW 4" WATER LINE
- 6" NEW 6" WATER LINE
- SS EXISTING SANITARY SEWER
- X EXISTING FENCE
- E NEW FENCE
- EE EXISTING ELECTRICAL CIRCUIT
- EE NEW ELECTRICAL CIRCUIT
- FD EXISTING FOC (BURIED)
- G EXISTING GAS LINE
- ASPHALT
- GRAVEL
- CONC. PAVEMENT
- BRICK
- RIP-RAP
- 957 EXISTING CONTOURS
- 950 PROPOSED CONTOURS
- EXPANSION JOINT
- CONTRACTION JOINT
- HEAVY DUTY PAVEMENT AREA 7" THICK (ALL OTHER PAVEMENT IS 6" THICK)
- LIGHT DUTY PAVEMENT AREA 6" THICK

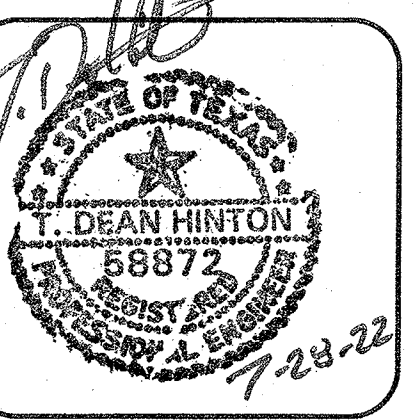
NOTES:

- EXISTING CONTOURS AND ELEVATIONS ARE FROM A PRICE SURVEYING SURVEY PERFORMED IN 2020.

COORDINATES				
#	POINT	NORTHING	EASTING	ELEV.
BM	CONTROL (LOCATED S OF CROCKETT/WALNUT INTERSECTION)	6,882,735.87	2,008,941.44	965.63
1	1/2CIRF	6,883,426.52	2,008,196.49	953.65
2	1/2CIRF	6,883,426.50	2,008,196.48	953.64
3	1/2CIRF	6,883,424.98	2,008,356.55	955.28
4	1/2CIRF	6,883,424.96	2,008,356.59	955.29
5	1/2CIRF	6,883,987.17	2,008,121.67	948.63
6	1/2CIRF	6,883,987.17	2,008,121.68	948.63
7	1/2CIRF	6,883,988.37	2,007,981.72	948.28
8	1/2CIRF	6,883,988.37	2,007,981.72	948.26
9	CLRD - 60D IN WASHER	6,883,574.91	2,007,790.26	954.13
10	1/2CIRS	6,883,425.18	2,008,336.48	954.90
11	1/2CIRS	6,883,525.20	2,008,337.22	953.26
12	1/2CIRS	6,883,526.49	2,008,197.27	953.63
13	MAG SET	6,883,603.77	2,008,498.08	953.52
14	1/2CIRS	6,883,903.71	2,008,500.83	951.86
15	1/2CIRS	6,883,909.82	2,007,821.72	950.58
16	MAG SET	6,883,609.82	2,007,818.89	952.57

CORLETT, PROBET & BOYD, P.L.L.C.
 SURVEYORS
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EXISTING SITE PLAN



ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.

GORDON, TEXAS 76453

112 RUSK STREET

DRAWN BY: KCN

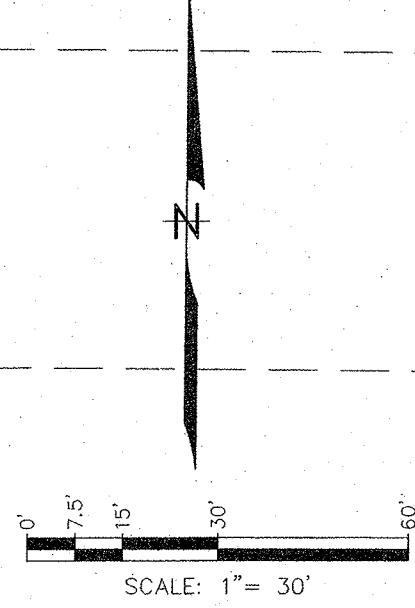
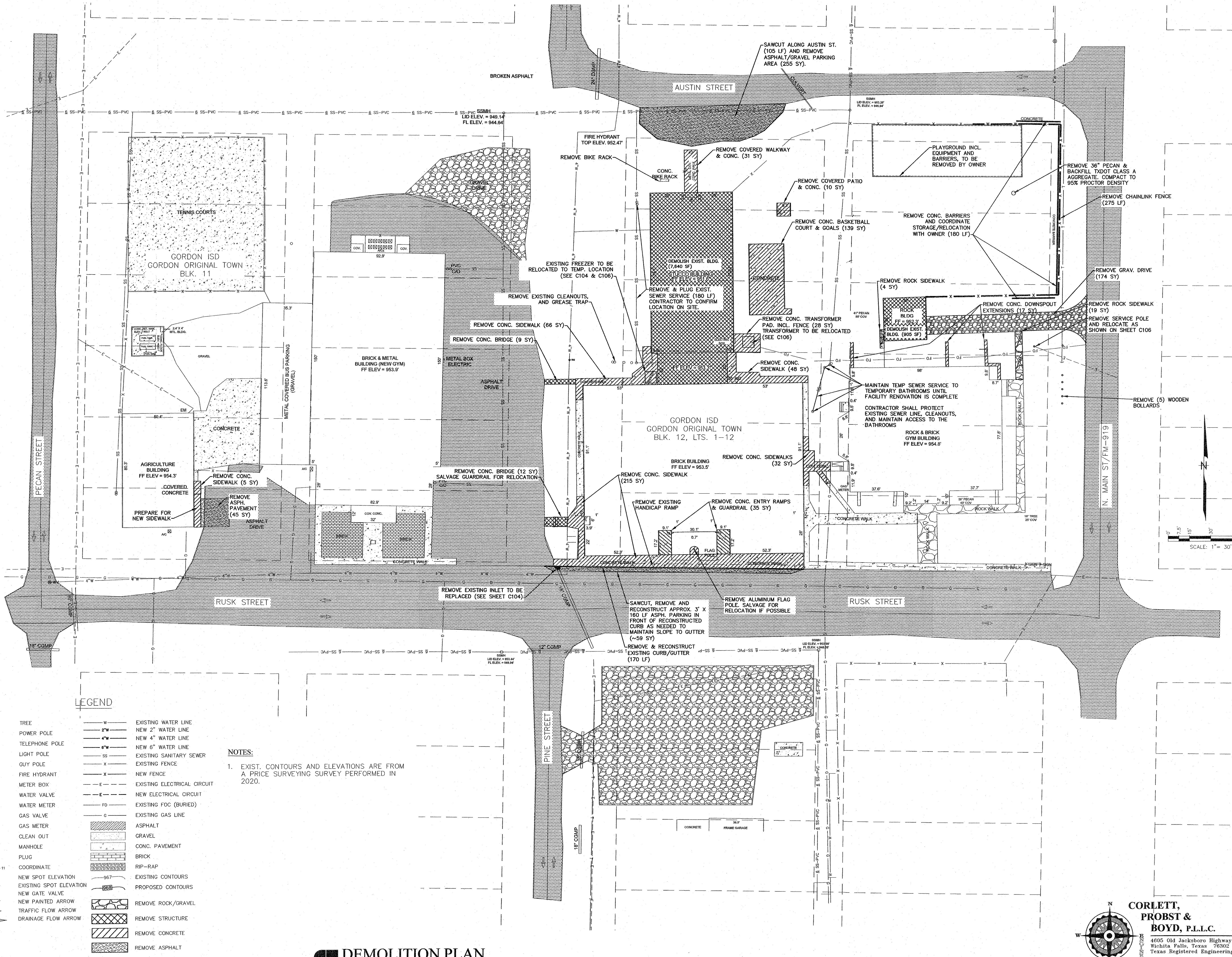
DATE: 28 JULY 2022

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00

SHEET NO.

C103



LEGEND

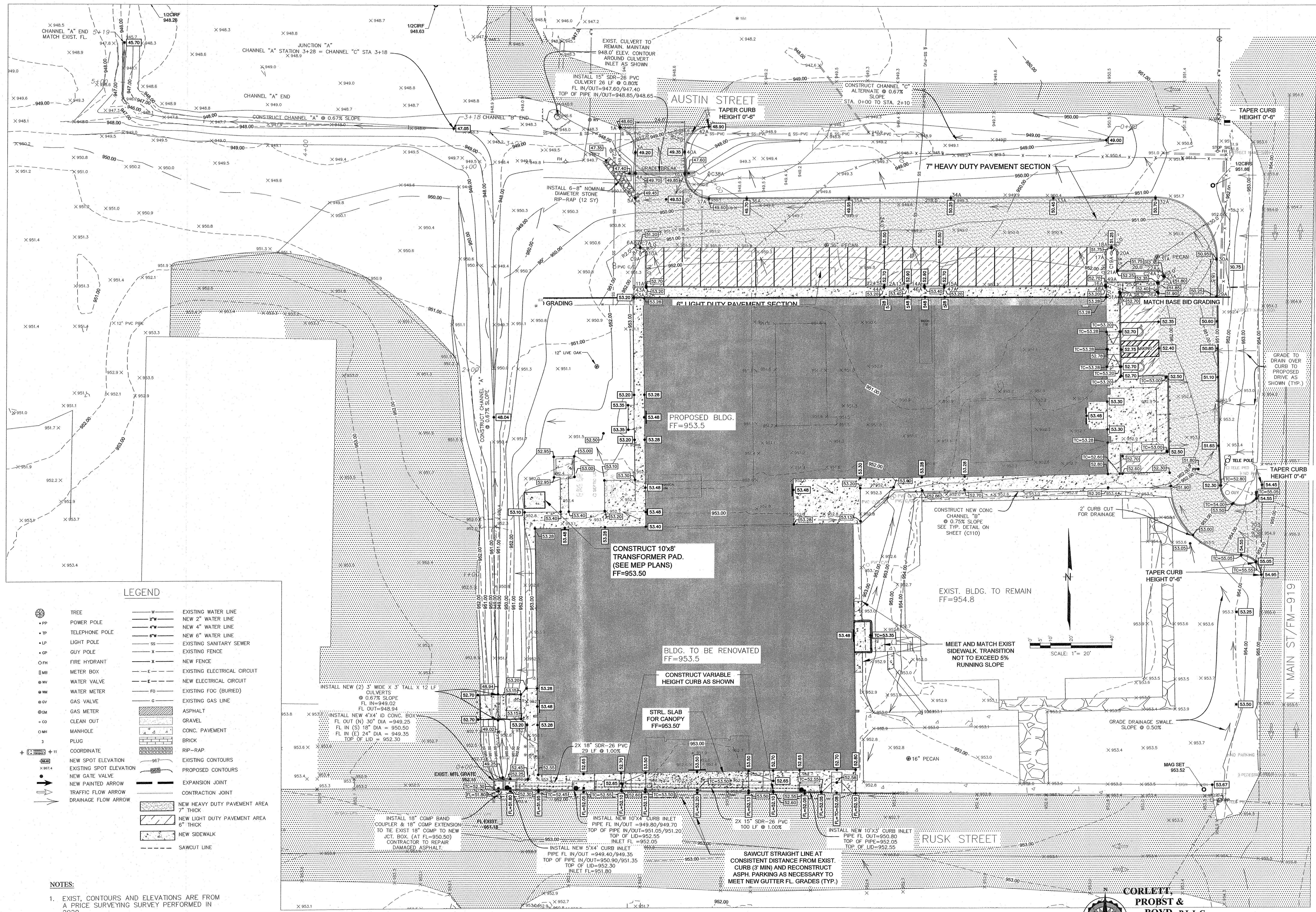
- TREE
 - PP POWER POLE
 - TP TELEPHONE POLE
 - LP LIGHT POLE
 - GP GUY POLE
 - FH FIRE HYDRANT
 - MB METER BOX
 - WV WATER VALVE
 - WM WATER METER
 - GV GAS VALVE
 - GM GAS METER
 - CO CLEAN OUT
 - MH MANHOLE
 - P PLUG
 - COORDINATE
 - NEW SPOT ELEVATION
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 - SS EXISTING SANITARY SEWER
 - X EXISTING FENCE
 - X NEW FENCE
 - E EXISTING ELECTRICAL CIRCUIT
 - E NEW ELECTRICAL CIRCUIT
 - FD EXISTING FOC (BURIED)
 - G EXISTING GAS LINE
 - ASPHALT
 - GRAVEL
 - CONC. PAVEMENT
 - BRICK
 - RIP-RAP
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - REMOVE ROCK/GRAVEL
 - REMOVE STRUCTURE
 - REMOVE CONCRETE
 - REMOVE ASPHALT

NOTES:

1. EXIST. CONTOURS AND ELEVATIONS ARE FROM A PRICE SURVEYING SURVEY PERFORMED IN 2020.

DEMOLITION PLAN

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LEGEND

	TREE		EXISTING WATER LINE
	POWER POLE		
	TELEPHONE POLE		
	LIGHT POLE		
	GUY POLE		EXISTING SANITARY SEWER
	FIRE HYDRANT		EXISTING FENCE
	METER BOX		NEW FENCE
	WATER VALVE		EXISTING ELECTRICAL CIRCUIT
	WATER METER		NEW ELECTRICAL CIRCUIT
	GAS VALVE		EXISTING FOC (BURIED)
	GAS METER		EXISTING GAS LINE
	CLEAN OUT		ASPHALT
	MANHOLE		GRAVEL
	PLUG		CONC. PAVEMENT
	COORDINATE		RIP-RAP
	NEW SPOT ELEVATION		EXISTING CONTOURS
	EXISTING SPOT ELEVATION		PROPOSED CONTOURS
	NEW GATE VALVE		EXPANSION JOINT
	NEW PAINTED ARROW		CONTRACTION JOINT
	TRAFFIC FLOW ARROW		NEW HEAVY DUTY PAVEMENT AREA 7\"/>
	DRAINAGE FLOW ARROW		NEW LIGHT DUTY PAVEMENT AREA 6\"/>
			NEW SIDEWALK
			SAWCUT LINE

- NOTES:**
- EXIST. CONTOURS AND ELEVATIONS ARE FROM A PRICE SURVEYING SURVEY PERFORMED IN 2020.
 - SEE SHEET C109 FOR PAVEMENT THICKNESS DESIGN.

SITE GRADING PLAN

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STATE OF TEXAS
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 2022

ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.

DRAWN BY: KCN
 DATE: JULY 28, 2022

REVISIONS		
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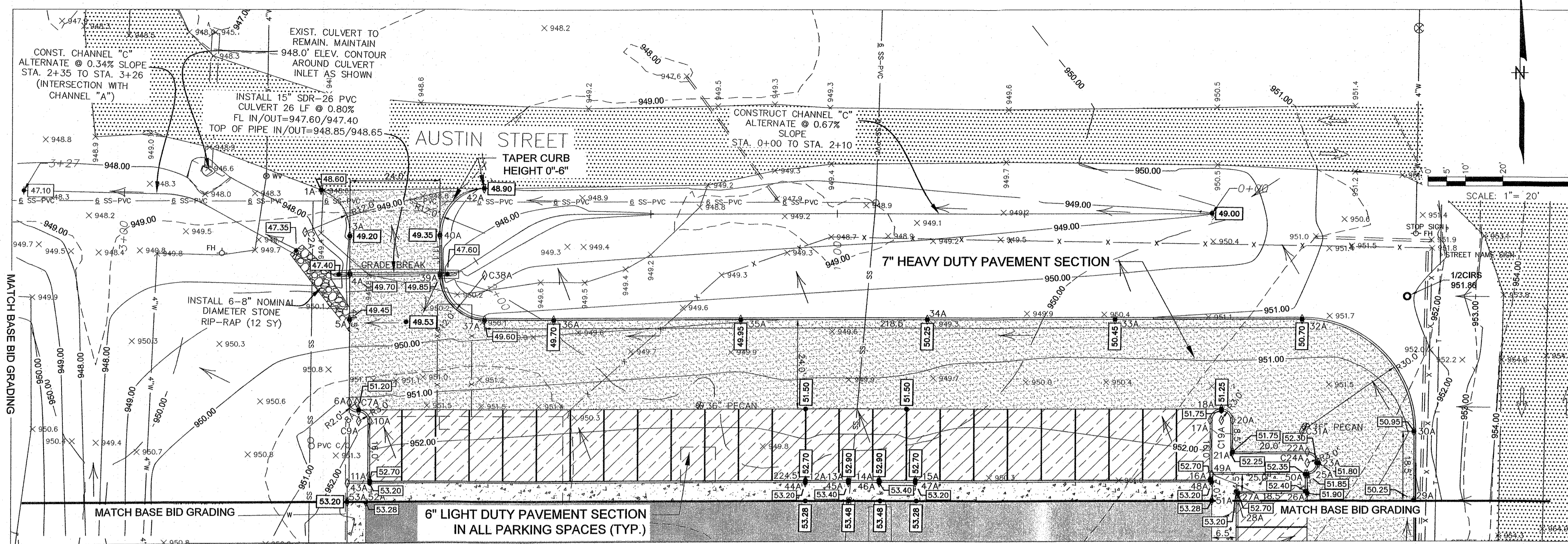
SHEET NO.
C104

GORDON, TEXAS 76453

112 RUSK STREET

C104

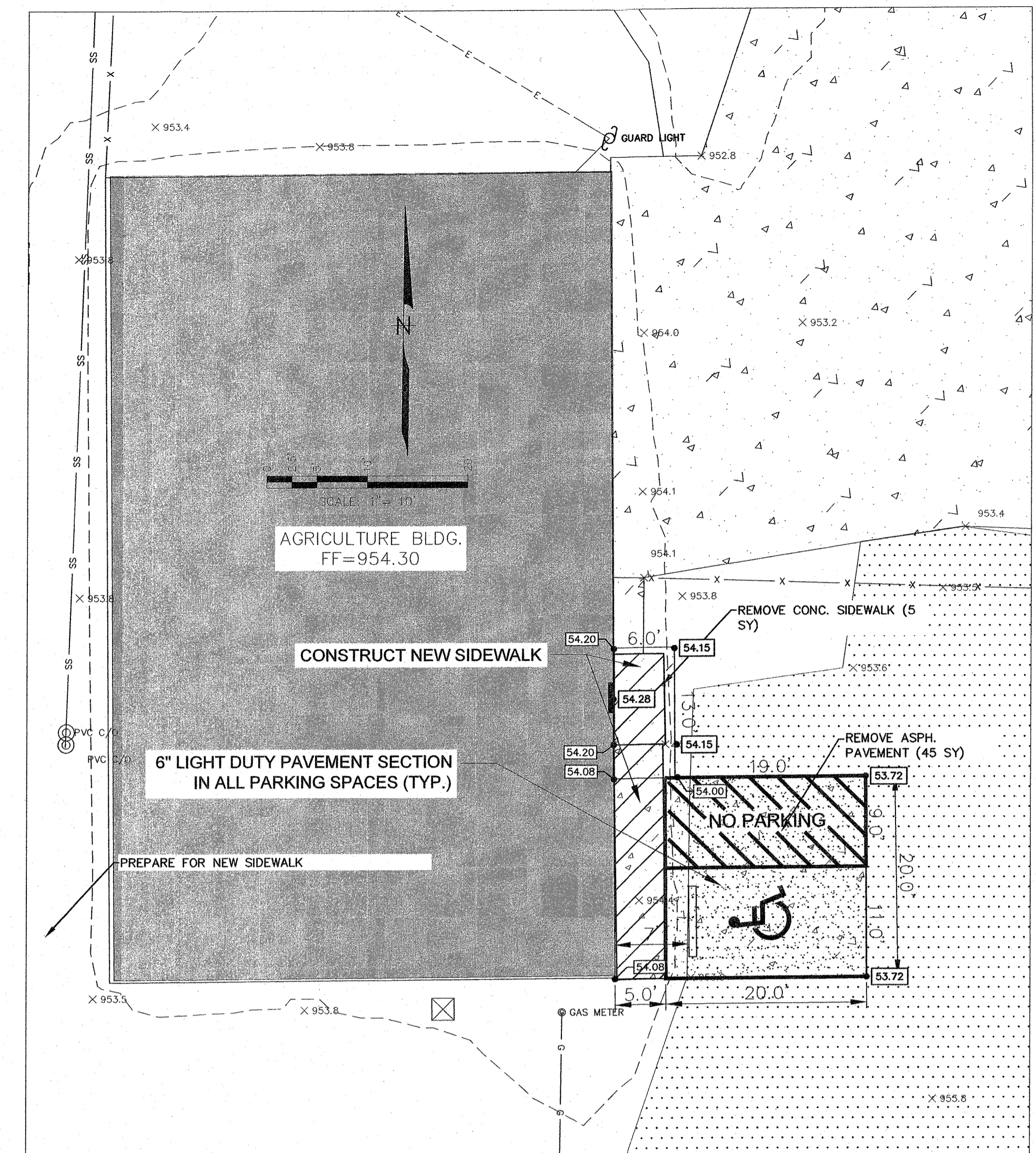
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ALTERNATE PARKING AND DRIVE SITE PLAN

GORDON ISD ALT. DIMENSION POINTS

NUMBER	NORTHING	EASTING	ELEVATION	NOTES
1A	6883927.915	2008210.107	948.6	MATCH EXIST.
C2A	6883916.64	2008205.998	947.45	CENTER
3A	6883915.761	2008218.013	949.2	DRIVE EDGE
4A	6883905.701	2008218.162	949.7	DRIVE EDGE
5A	6883893.456	2008218.344	949.45	DRIVE EDGE
6A	6883871.348	2008218.672	951.1	GUTTER
C7A	6883871.378	2008220.672	951.1	CENTER
C9A	6883866.385	2008221.246	951.7	CENTER
8A	6883869.285	2008221.213	951.2	GUTTER
10A	6883866.43	2008224.246	951.45	GUTTER
11A	6883850.433	2008224.492	952.7	GUTTER
12A	6883852.118	2008340.979	952.7	GUTTER
13A	6883852.334	2008352.526	952.9	GUTTER
14A	6883852.455	2008360.685	952.9	GUTTER
15A	6883852.6	2008370.409	952.7	GUTTER
16A	6883853.767	2008448.968	952.7	GUTTER
17A	6883869.765	2008448.731	951.3	GUTTER
18A	6883872.809	2008451.686	951.25	GUTTER
C19A	6883869.81	2008451.731	951.85	CENTER
20A	6883869.854	2008454.73	951.3	GUTTER
21A	6883861.313	2008454.855	951.75	GUTTER
22A	6883861.61	2008474.849	951.75	GUTTER
23A	6883858.655	2008477.893	951.8	GUTTER
C24A	6883858.61	2008474.894	952.3	CENTER
25A	6883855.611	2008474.939	951.85	GUTTER
26A	6883850.568	2008475.012	951.9	GUTTER
27A	6883850.292	2008456.514	952.7	GUTTER
28A	6883848.335	2008456.543	952.7	MATCH BASE.
29A	6883849.039	2008503.545	950.25	MATCH BASE.
30A	6883867.575	2008503.275	950.95	GUTTER
C31A	6883867.129	2008473.279	951.65	CENTER
32A	6883897.126	2008472.833	950.7	GUTTER
33A	6883896.383	2008422.838	950.45	GUTTER
34A	6883895.641	2008372.844	950.25	GUTTER
35A	6883894.898	2008322.849	949.95	GUTTER
36A	6883894.155	2008272.855	949.7	GUTTER
37A	6883893.88	2008254.342	949.6	GUTTER
C38A	6883905.879	2008254.163	949.73	CENTER
39A	6883905.701	2008242.165	949.85	GUTTER
40A	6883916.201	2008242.009	949.35	GUTTER
C41A	6883916.989	2008253.998	948	CENTER
42A	6883928.984	2008253.656	948.9	MATCH EXIST.
43A	6883849.8	2008218.49	953.2	S/W CRNR
44A	6883851.618	2008340.915	953.2	S/W
45A	6883851.79	2008352.528	953.4	S/W
46A	6883851.912	2008360.742	953.4	S/W
47A	6883852.056	2008370.392	953.2	S/W
48A	6883853.23	2008449.476	953.2	S/W
49A	6883855.231	2008449.446	953.2	S/W
50A	6883855.604	2008474.439	952.35	S/W
51A	6883848.231	2008449.55	953.28	BLDG. CRNR.
52A	6883844.874	2008223.563	953.28	BLDG. CRNR.
53A	6883844.861	2008218.563	953.2	MATCH BASE.

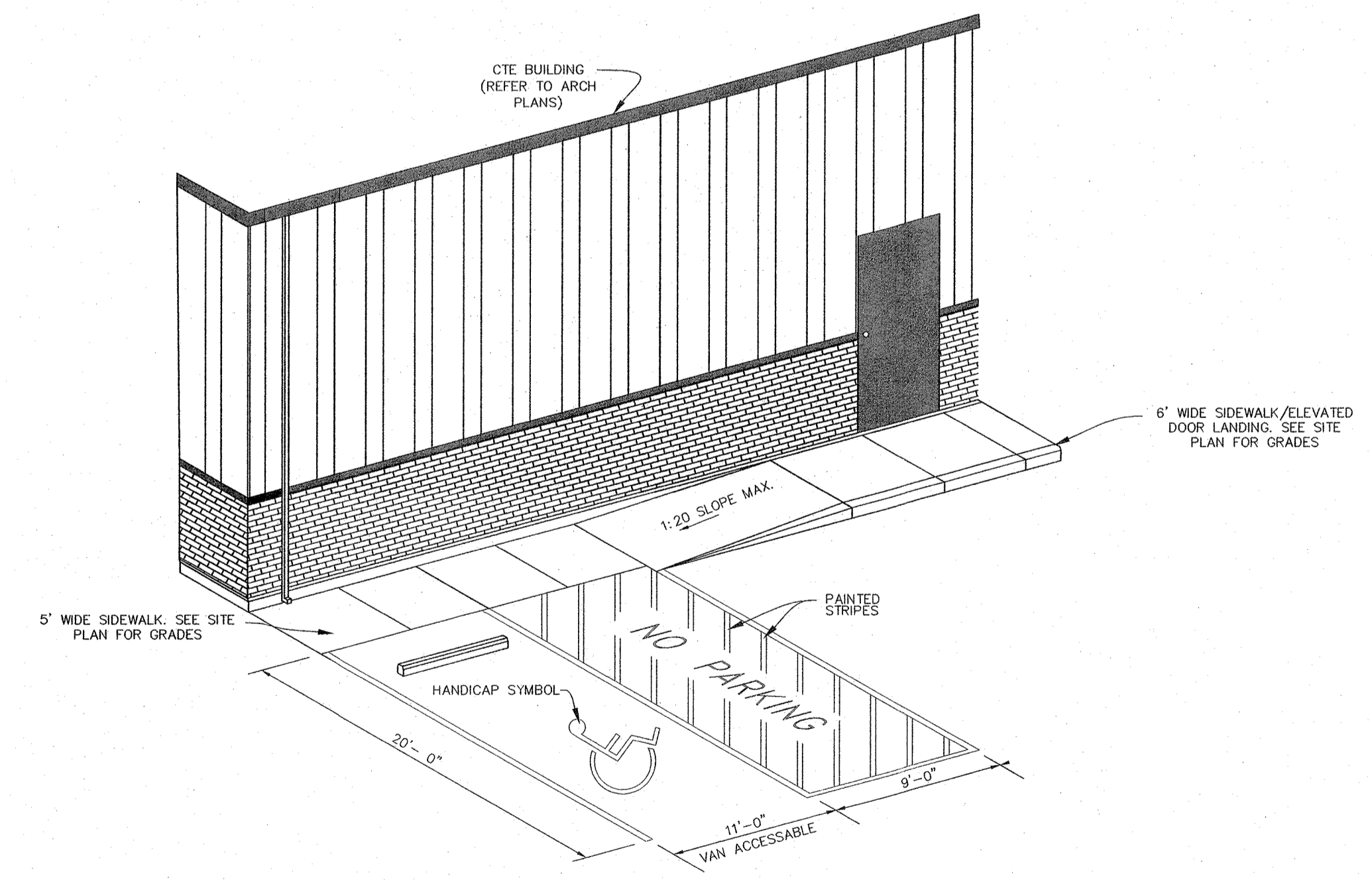


AGRICULTURE BUILDING SITE PLAN

LEGEND

●	TREE	— W —	EXISTING WATER LINE
●	POWER POLE	— 2" W —	NEW 2" WATER LINE
●	TELEPHONE POLE	— 4" W —	NEW 4" WATER LINE
●	LIGHT POLE	— 6" W —	NEW 6" WATER LINE
●	GUY POLE	— SS —	EXISTING SANITARY SEWER
●	FIRE HYDRANT	— X —	EXISTING FENCE
□	METER BOX	— X —	NEW FENCE
□	WATER VALVE	— E —	EXISTING ELECTRICAL CIRCUIT
□	WATER METER	— E —	NEW ELECTRICAL CIRCUIT
□	GAS VALVE	— F —	EXISTING FOC (BURIED)
□	GAS METER	— G —	EXISTING GAS LINE
○	CLEAN OUT	ASPHALT	ASPHALT
○	MANHOLE	GRAVEL	GRAVEL
○	PLUG	CONC. PAVEMENT	CONC. PAVEMENT
+	COORDINATE	BRICK	BRICK
+	NEW SPOT ELEVATION	RIP-RAP	RIP-RAP
+	EXISTING SPOT ELEVATION	— 967 —	EXISTING CONTOURS
+	NEW GATE VALVE	— 968 —	PROPOSED CONTOURS
+	NEW PAINTED ARROW	— EXP —	EXPANSION JOINT
+	TRAFFIC FLOW ARROW	— CONTR —	CONTRACTION JOINT
+	DRAINAGE FLOW ARROW	— NEW HD —	NEW HEAVY DUTY PAVEMENT AREA 7" THICK
+		— NEW LD —	NEW LIGHT DUTY PAVEMENT AREA 6" THICK
+		— NEW SW —	NEW SIDEWALK

- NOTES:**
- EXIST. CONTOURS AND ELEVATIONS ARE FROM A PRICE SURVEYING SURVEY PERFORMED IN 2020.
 - SEE SHEET C109 FOR PAVEMENT THICKNESS DESIGN.



- NOTES:**
- "NO PARKING" PAINTED IN STRIPED AREA TO BE AT LEAST A LETTER HEIGHT OF 1 FOOT AND A STROKE WIDTH OF AT LEAST 2 INCHES.
 - SEE SHEET "AGRICULTURE BUILDING SITE PLAN" FOR SPOT ELEVATIONS OF EACH PARKING SPOT
 - HANDICAPPED RESERVED PARKING SIGNS SHALL BE PLACED IN FRONT OF EACH HANDICAP PARKING SPACE. SEE HANDICAP SIGN DETAIL ON SHEET C108.
- NOT TO SCALE

CORLETT, PROBST & BOYD, P.L.L.C.

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SURVEYORS

ALTERNATE SITE GRADING PLAN & AGRICULTURAL BLDG.

HPA
ESTABLISHED 1962
ARCHITECTS - PROGRAMMERS - PLANNERS
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STATE OF TEXAS
T. DEAN HINTON
68872
PROFESSIONAL ENGINEER
7-28-22

ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
FOR GORDON I.S.D.

112 RUSK STREET
GORDON, TEXAS 76643

DRAWN BY: KCN
DATE: JULY 28, 2022

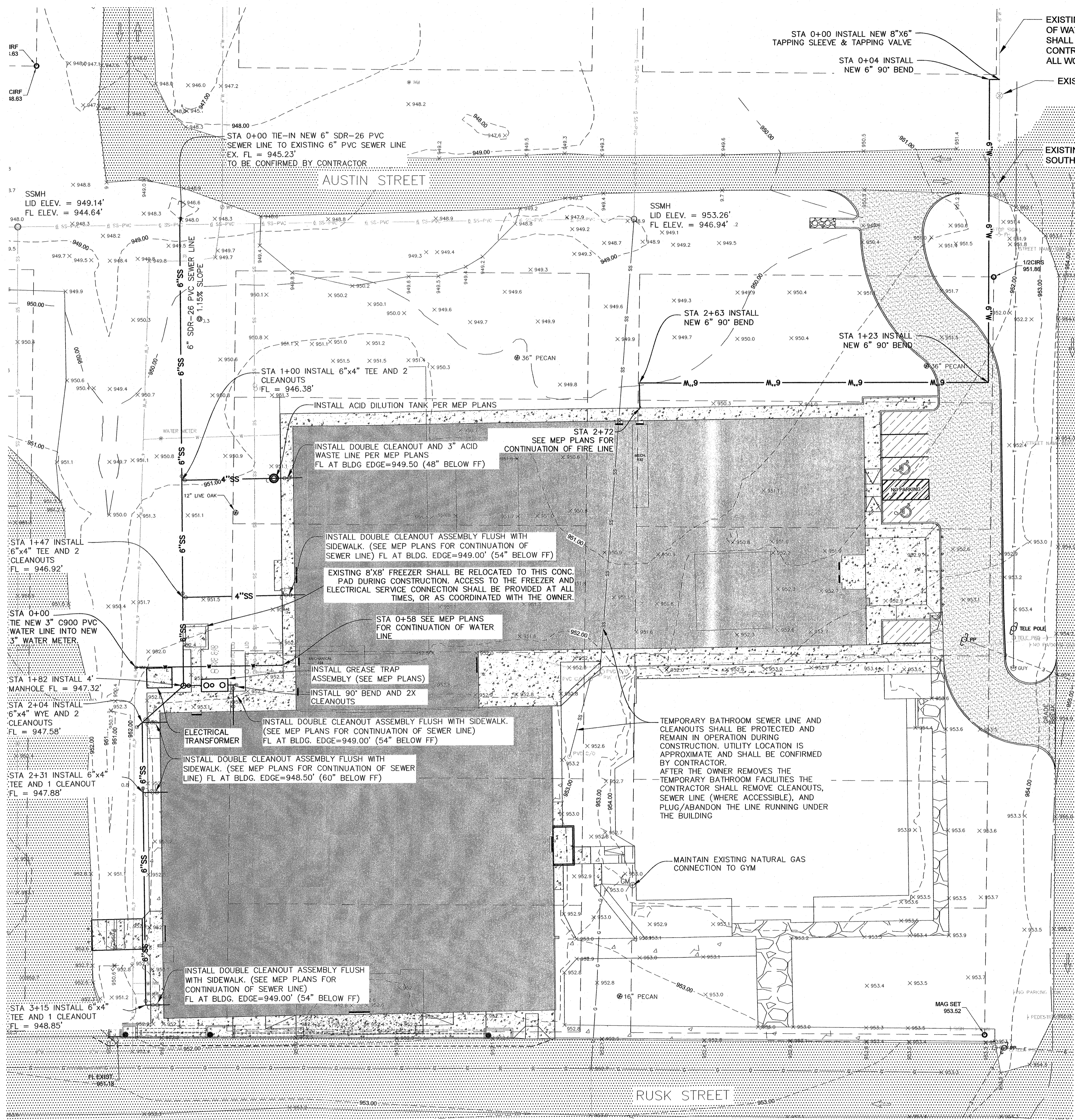
REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00

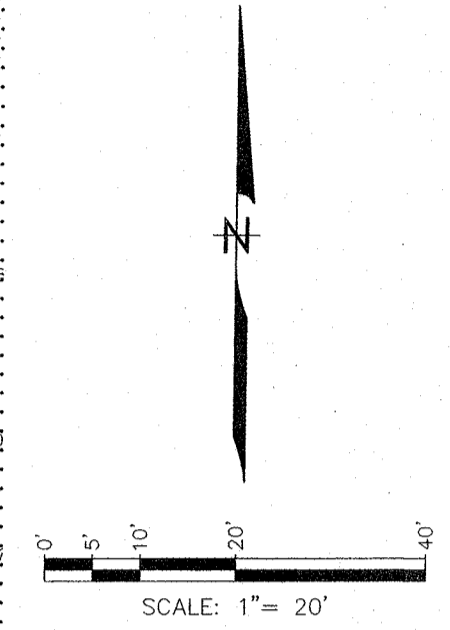
SHEET NO.
C104A

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EXISTING 8" PVC WATER LINE. NORTH OF WATER VALVE. NEW FIRE LINE SHALL BE TAPPED INTO THIS 8" LINE. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY OF GORDON

EXISTING 4" PVC WATER LINE SOUTH OF WATER VALVE



NOTES:

- 6" SEWER LINE ELEVATION MUST BE CONFIRMED ON-SITE PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL TIE-IN THE 6" FIRE LINE TO THE 8" SERVICE LINE NORTH OF AUSTIN ST. THE EXISTING WATER VALVE AND TRANSITION LOCATION FROM 8" WATER SERVICE TO 4" WATER SERVICE IS APPROXIMATE AND SHALL BE CONFIRMED ON-SITE PRIOR TO TIE-IN.
- EXISTING CONTOURS AND ELEVATIONS ARE FROM A PRICE SURVEYING SURVEY PERFORMED IN 2020

LEGEND

●	TREE	— W —	EXISTING WATER LINE
• PP	POWER POLE	— 2" W —	NEW 2" WATER LINE
• TP	TELEPHONE POLE	— 4" W —	NEW 4" WATER LINE
• LP	LIGHT POLE	— 6" W —	NEW 6" WATER LINE
• GP	GUY POLE	— SS —	EXISTING SANITARY SEWER
○ FH	FIRE HYDRANT	— X —	NEW FENCE
□ MB	METER BOX	— E —	EXISTING ELECTRICAL CIRCUIT
○ W	WATER VALVE	— E —	NEW ELECTRICAL CIRCUIT
○ WM	WATER METER	— FO —	EXISTING FOC (BURIED)
○ GV	GAS VALVE	— G —	EXISTING GAS LINE
○ GM	GAS METER	▨	ASPHALT
○ CO	CLEAN OUT	▨	GRAVEL
○ MH	MANHOLE	▨	CONC. PAVEMENT
3	PLUG	▨	BRICK
○	COORDINATE	▨	RIP-RAP
○	NEW SPOT ELEVATION	▨	EXISTING CONTOURS
○	EXISTING SPOT ELEVATION	▨	PROPOSED CONTOURS
○	NEW GATE VALVE	▨	EXPANSION JOINT
→	NEW PAINTED ARROW	▨	CONTRACTION JOINT
→	TRAFFIC FLOW ARROW	▨	HEAVY DUTY PAVEMENT AREA 7" THICK (ALL OTHER PAVEMENT IS 6" THICK)
→	DRAINAGE FLOW ARROW	▨	LIGHT DUTY PAVEMENT AREA 6" THICK

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STATE OF TEXAS
 T. DEAN HINTON
 58872
 7-28-22

ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.
 112 RUSK STREET
 GORDON, TEXAS 76453

DRAWN BY: KCN
 DATE: 28 JULY 2022

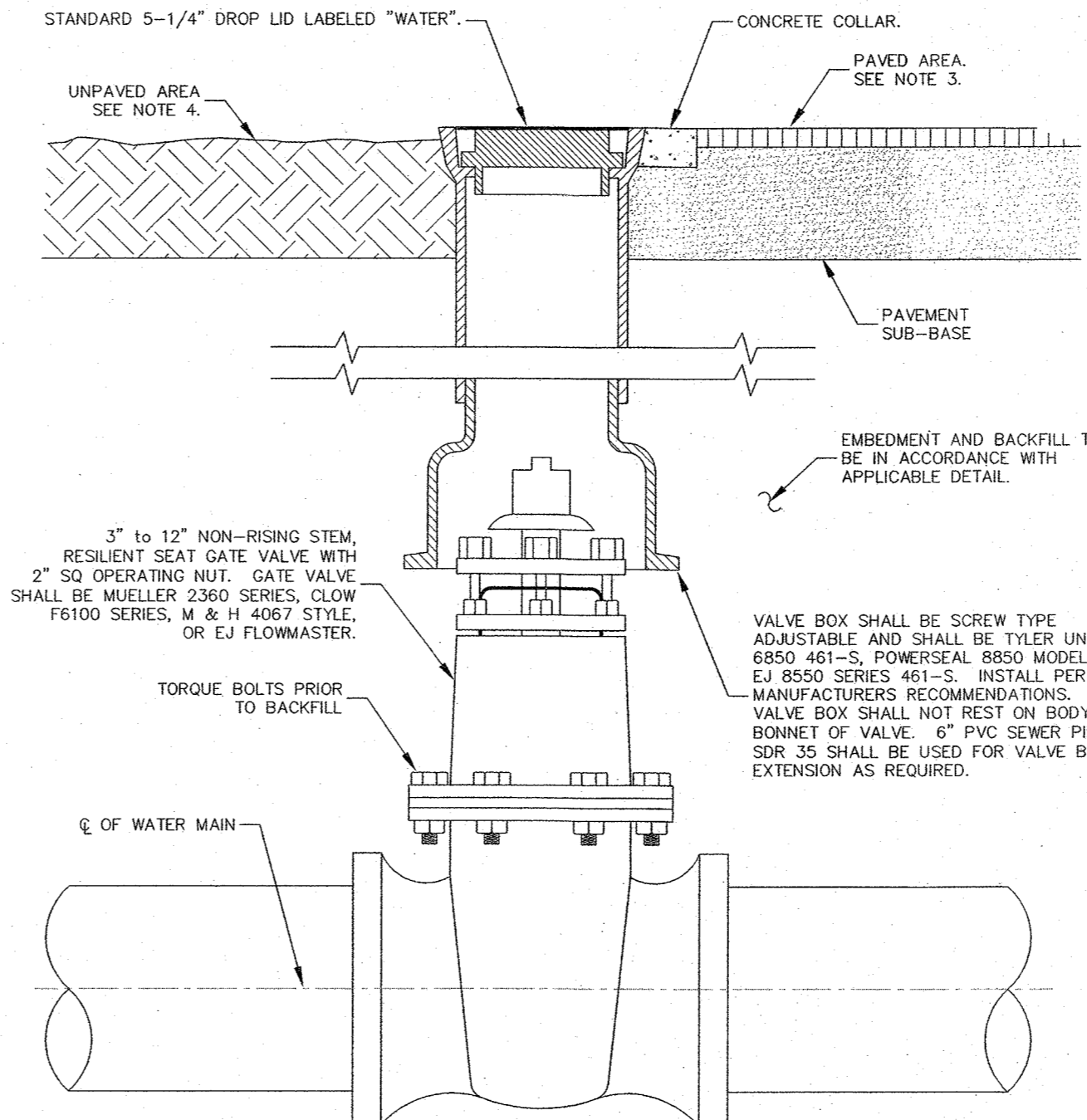
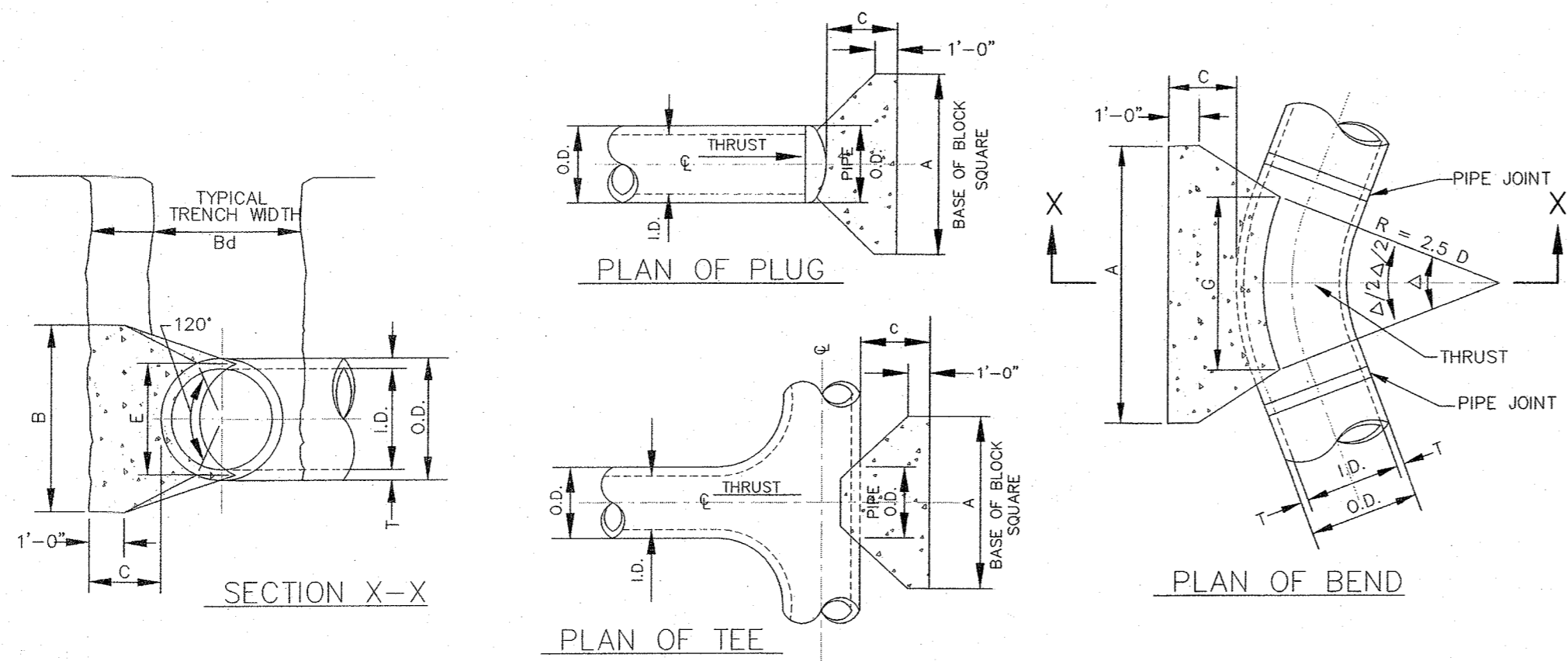
REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00
 SHEET NO.
C106

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GENERAL NOTES

- CONCRETE BLOCKING SHALL BE CLASS "B".
- ALL CALCULATIONS ARE BASED ON INTERNAL PRESSURE AT 200 PSI FOR DUCTILE IRON AND P.V.C., AND 150 PSI FOR CONCRETE PIPE.
- VOLUMES OF THRUST BLOCKS ARE NET VOLUMES OF CONCRETE TO BE FURNISHED. THE CORRESPONDING WEIGHT OF THE CONCRETE (CLASS "B") IS EQUAL TO OR GREATER THAN THE VERTICAL COMPONENT OF THE THRUST ON THE VERTICAL BEND.
- WALL THICKNESS (T) ASSUMED HERE FOR ESTIMATING PURPOSES ONLY.
- POUR CONCRETE FOR BLOCK AGAINST UNDISTURBED EARTH.
- DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD CONDITIONS WHERE AND AS DIRECTED BY THE ENGINEER. THE VOLUME OF CONCRETE BLOCKING SHALL NOT BE LESS THAN SHOWN HERE.
- THE SOIL BEARING PRESSURES ARE BASED ON 1000 LBS./S.F. IN SOIL AND 2000 LBS./S.F. IN ROCK.
- USE POLYETHYLENE WRAP OR EQUAL BETWEEN CONCRETE AND BEND, TEE, OR PLUG TO PREVENT THE CONCRETE FROM STICKING TO IT.
- CONCRETE SHALL NOT EXTEND BEYOND JOINTS.



WATER LINE CONSTRUCTION NOTES:

- ALL NEW MAINS SHALL HAVE A MINIMUM COVER OF 30 INCHES BELOW FINISH GRADE.
- CONNECTIONS BETWEEN NEW WATER LINES AND EXISTING WATER LINES SHALL NOT BE MADE UNTIL SUCCESSFUL PRESSURE AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED ON THE NEW LINES.
- LOCATIONS SHOWN FOR EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. CONTACT ALL UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION.
- MAXIMUM TRENCH WIDTH FOR SERVICE LINES CROSSING STREET SHALL BE 24".
- UNIT PRICE FOR FIRE HYDRANTS SHALL INCLUDE HYDRANT LEAD AND EXTENSIONS WHERE REQUIRED. UNIT PRICE FOR DUCTILE IRON FITTINGS SHALL INCLUDE BLOCKING.
- INSTALL BLUE METALLIC TAPE ALONG FULL LENGTH OF SERVICE LINES. EXTEND TAPE TO GROUND SURFACE AT END OF LINES.
- CENTER ONE FULL JOINT OF WATER PIPE OVER SEWER LINE. MAINTAIN A MINIMUM 6" VERTICAL CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPES.
- TRENCHES BENEATH EXISTING OR PROPOSED PAVEMENTS SHALL BE BACKFILLED WITH SELECT NATIVE MATERIAL MECHANICALLY TAMPED IN 6 INCH LIFTS TO 95% ASTM D-698.

TABLE OF DIMENSIONS FOR TEES AND PLUGS

I.D. (IN.)	THRUST (TONS)	EARTH		ROCK	
		C (FT.)	A (FT.)	B (FT.)	VOL (C.Y.)
4.6, 8	5.1	1.5	2.5	0.3	2.0
10, 12	11.3	1.5	3.5	0.6	2.5
16, 18	25.5	2.0	5.5	1.6	4.0

TABLE OF DIMENSIONS FOR BENDS

I.D. (IN.)	C (FT.)	THRUST (TONS)	EARTH		ROCK	
			A (FT.)	B (FT.)	VOL (C.Y.)	A (FT.)
4.6, 8	0.4	1.0	1.0	1.5	0.1	1.0
10, 12	0.6	2.2	1.5	1.5	0.1	1.5
16, 18	0.8	5.0	2.0	2.5	0.3	1.5

HORIZONTAL THRUST BLOCK DETAILS

NOT TO SCALE

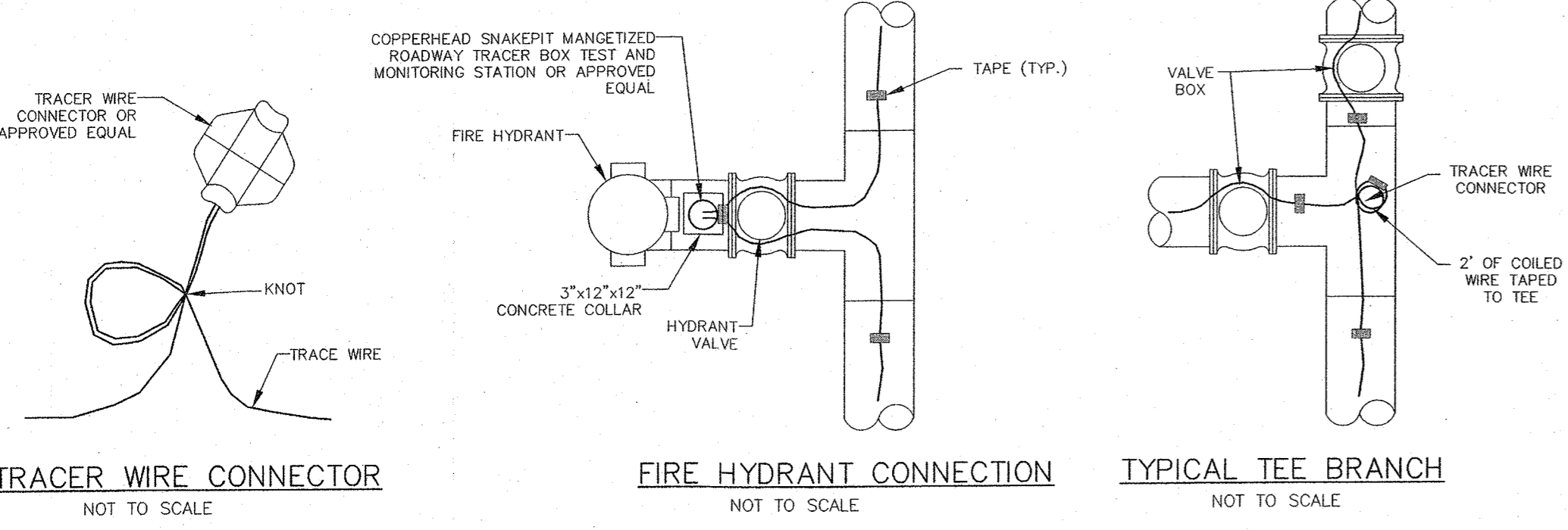
SIZE OF SLEEVE	A	E	H	I	J	K	M	N
6 X 2	6.84 - 7.40	18 3/8	13	10 5/8	8 3/32	15 5/32	11 3/32	3 1/8
6 X 3	6.84 - 7.40	18 3/8	15	12 1/2	8 13/16	15 7/8	11 1/16	3 1/2
6 X 4	6.84 - 7.40	18 3/8	17 3/4	15	11 1/2	20 3/8	14 11/16	4 3/16
6 X 6	6.84 - 7.40	18 3/8	21	18 1/8	12 3/4	21 7/16	15 3/16	4 11/16
8 X 2	8.99 - 9.62	19 3/4	13	10 5/8	8 3/32	16 17/32	12 15/32	3 1/8
8 X 3	8.99 - 9.62	19 3/4	15	12 1/2	8 13/16	17 1/4	12 7/16	3 1/2
8 X 4	8.99 - 9.62	19 3/4	17 3/4	15	11 1/2	21 1/16	15 3/8	4 3/16
8 X 6	8.99 - 9.62	19 3/4	21	18 1/8	12 3/4	22 13/16	16 9/16	4 11/16

GENERAL NOTES:

- ALL GATE VALVES SHALL MEET REQUIREMENTS OF AWWA STANDARD C509 AND NCTCOG, NOVEMBER 2004 EDITION, SECTION 502.6.
- 2" GATE VALVES SHALL BE BRONZE, NON-RISING STEM, RESILIENT SEAT, WITH HANDWHEEL OPERATOR, OPEN LEFT, F.I.P. X F.I.P. AND SHALL BE MUELLER PART # E372.
- IN PAVED AREAS, INSTALL 24" SQUARE X 6" CONCRETE VALVE PAD FLUSH WITH TOP OF VALVE BOX. REINFORCE WITH #4 BARS ON 6" CENTERS BOTH WAYS. SET VALVE BOX FLUSH WITH FINISHED GRADE.
- IN UNPAVED AREAS, SET VALVE BOX 2" ABOVE FINISHED GRADE.
- ALL CONCRETE SHALL BE MINIMUM 3600 PSI 28-DAY COMPRESSIVE STRENGTH.
- GATE VALVE SHALL BE SET VERTICAL AND PLUMB TO FINISHED GROUND.

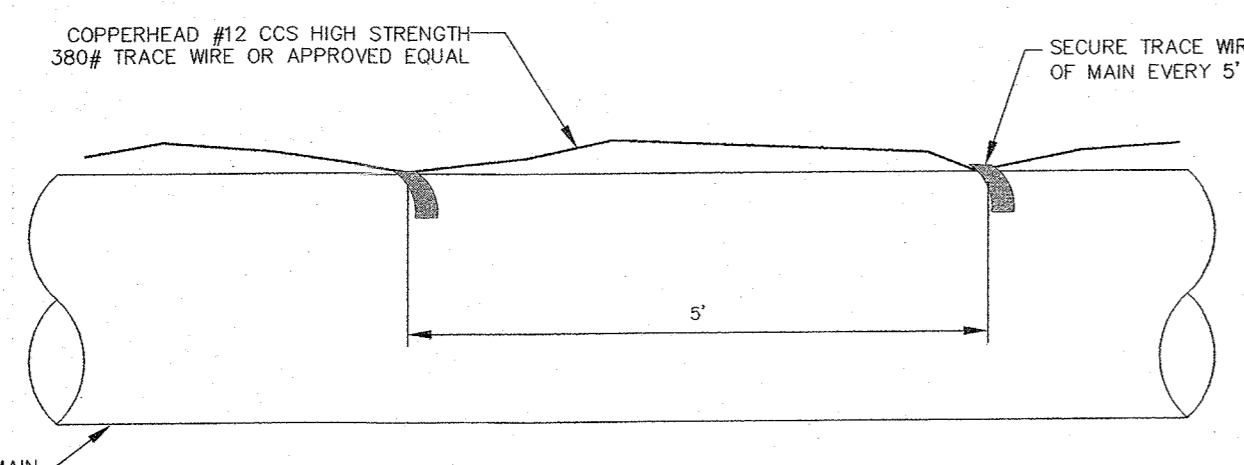
2" TO 12" GATE VALVE

NOT TO SCALE



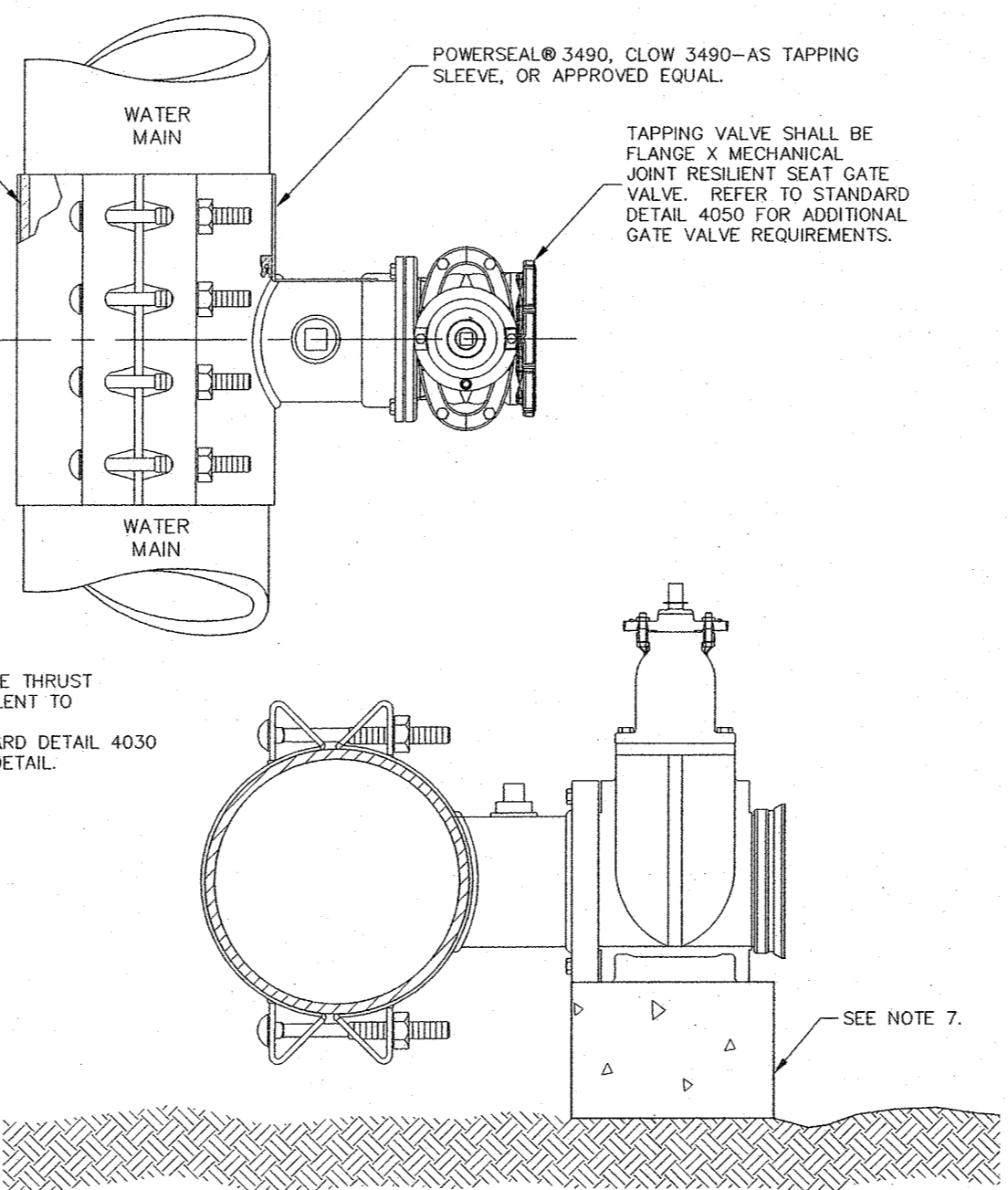
GENERAL NOTES:

- TRACE WIRE SHALL BE INSTALLED IN A CONTINUOUS FASHION.
- TRACER WIRE SHALL BE INSTALLED UNDER POLYWRAP AT ALL FITTINGS, TEES, AND VALVES.
- TRACER WIRE CONNECTORS SHALL BE MINIMIZED WHEN POSSIBLE.
- INSPECTION AND ADDITIONAL 6" OF WIRE SHALL BE COILED AT ALL END POINTS WITH COPPERHEAD SNAKEBITE WATER-TIGHT OR 3M DBR WIRE CONNECTOR INSTALLED ON END.



TRACER WIRE INSTALLATION

NOT TO SCALE

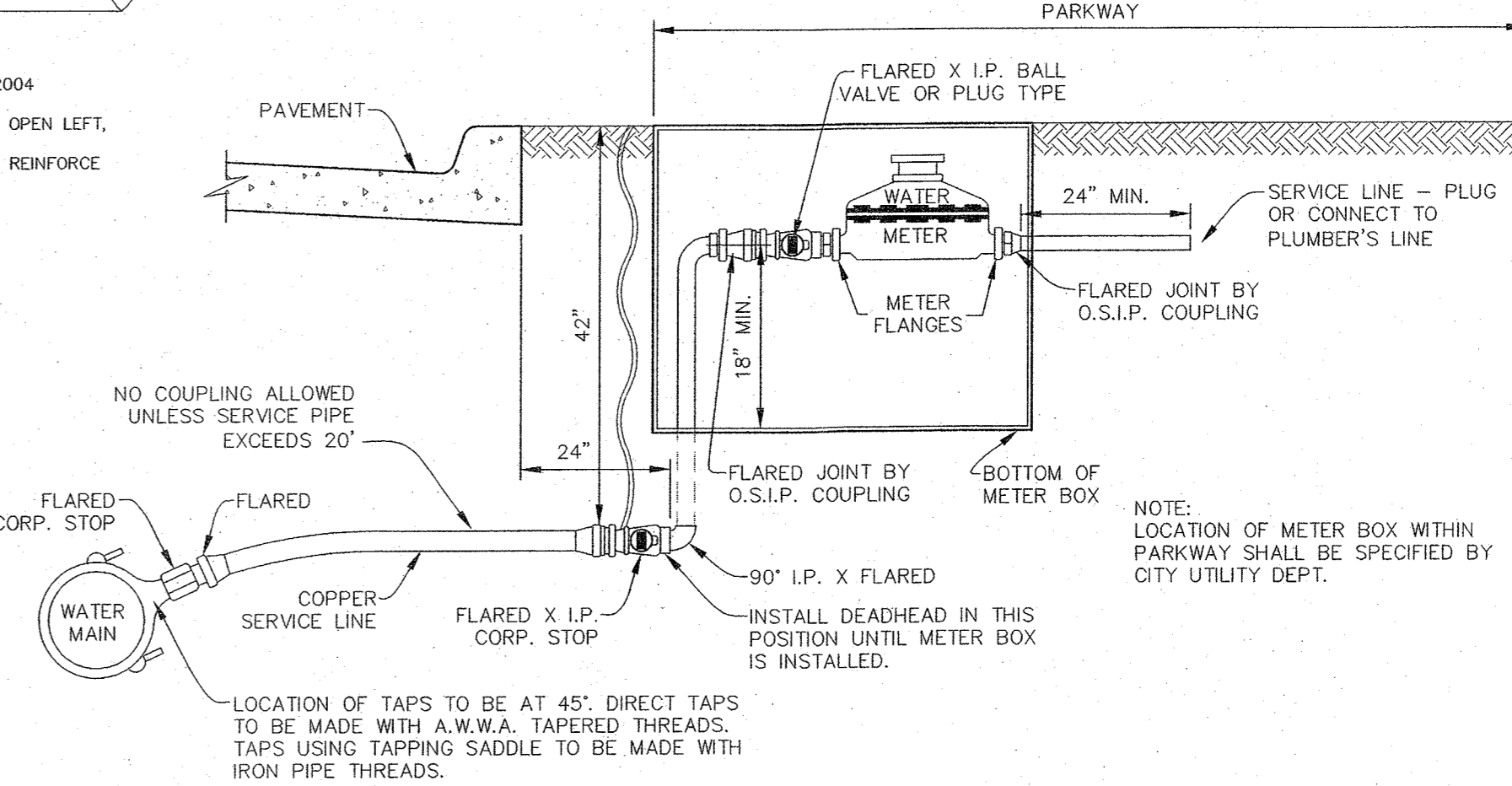


GENERAL NOTES:

- TAPPING SLEEVE SHALL BE CONSTRUCTED OF 304 STAINLESS STEEL AND SHALL BE FULLY PASSIVATED TO RETURN WELDED STAINLESS STEEL TO ITS ORIGINAL STATE.
- RUBBER GASKET SHALL BE A 360° COMPLETE FULL CIRCLE. DO NOT USE GREASE OR PIPE LUBRICATES ON GASKET.
- BRANCH SHALL BE A MINIMUM 3/8" LARGER THAN NORMAL TO ALLOW FOR FULL SIZE OUTER HEAD.
- TAPPING SLEEVE SHALL BE SUPPLIED WITH FLANGE FACE ON BRANCH.
- TAPPING SLEEVE SHALL HAVE A FLANGE FACE GASKET PERMANENTLY ATTACHED TO SLEEVE AT FACTORY.
- LUGS SHALL BE STRUCTURALLY WELDED TO THE SHELL.
- VALVE AND TAPPING EQUIPMENT SHALL BE SUPPORTED BY BLOCKING DURING AND AFTER INSTALLATION.
- THOROUGHLY CLEAN WATER MAIN WITH WIRE BRUSH PRIOR TO INSTALLATION OF TAPPING SLEEVE.
- FLANGE FACE SHALL BE INSTALLED VERTICALLY TRUE AND PLUMB.
- TAPPING SLEEVE SHALL NOT BE INSTALLED WITHIN 4 (FOUR) PIPE DIAMETERS OF AN EXISTING PIPE BELL UNLESS APPROVED OTHERWISE.

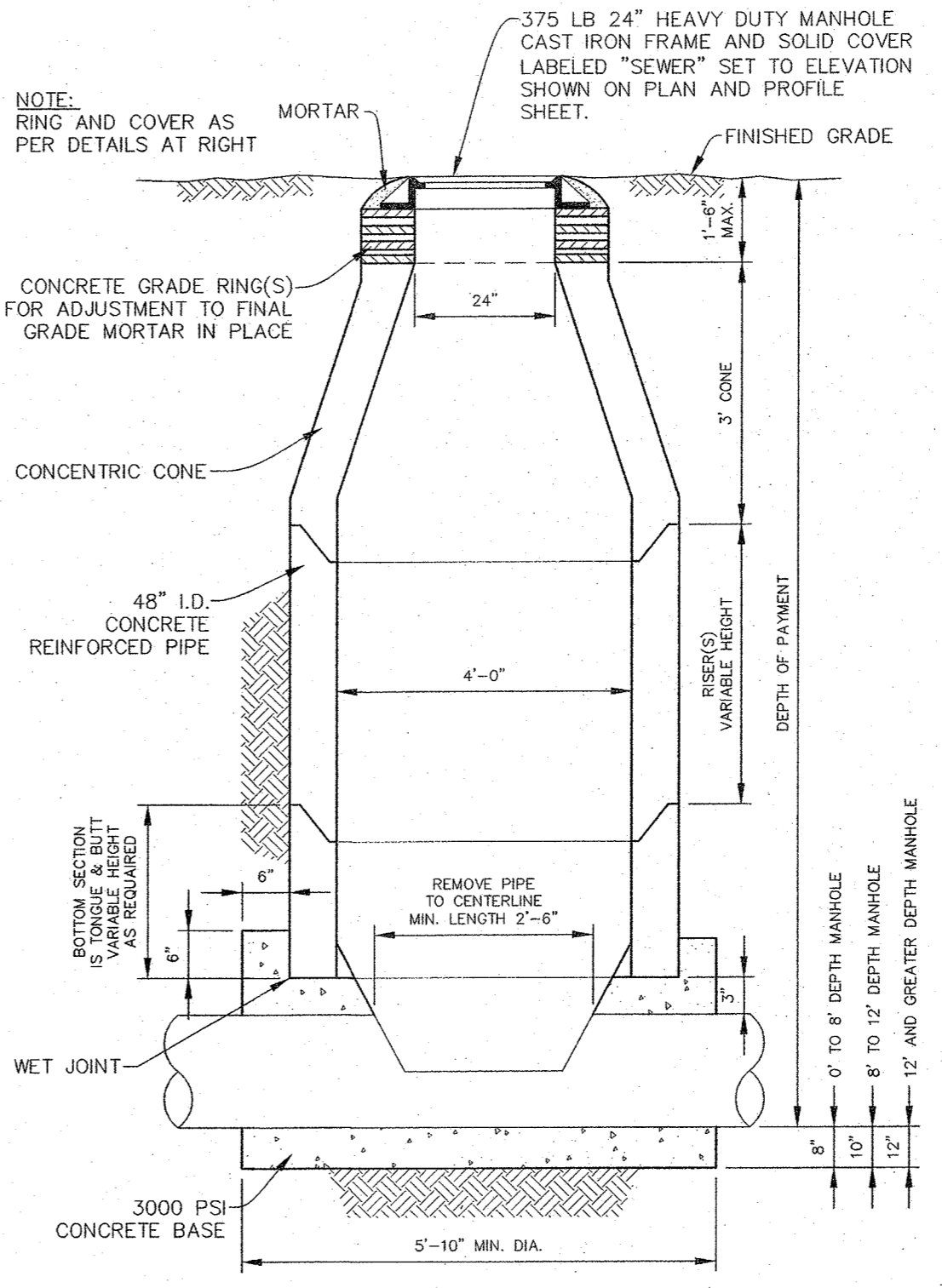
TAPPING SLEEVE AND TAPPING VALVE

NOT TO SCALE



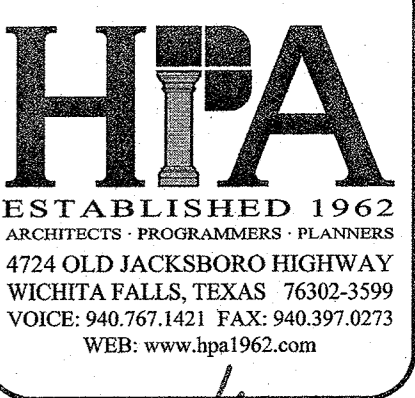
WATER SERVICE INSTALLATION 3" METER TO 2-1/2" LINE

SCALE: NONE



PRECAST CONCRETE PIPE MANHOLE

NO SCALE



ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.

GORDON, TEXAS 76453

112 RUSK STREET

DRAWN BY: KCN

DATE: 28 JULY 2022

REVISIONS

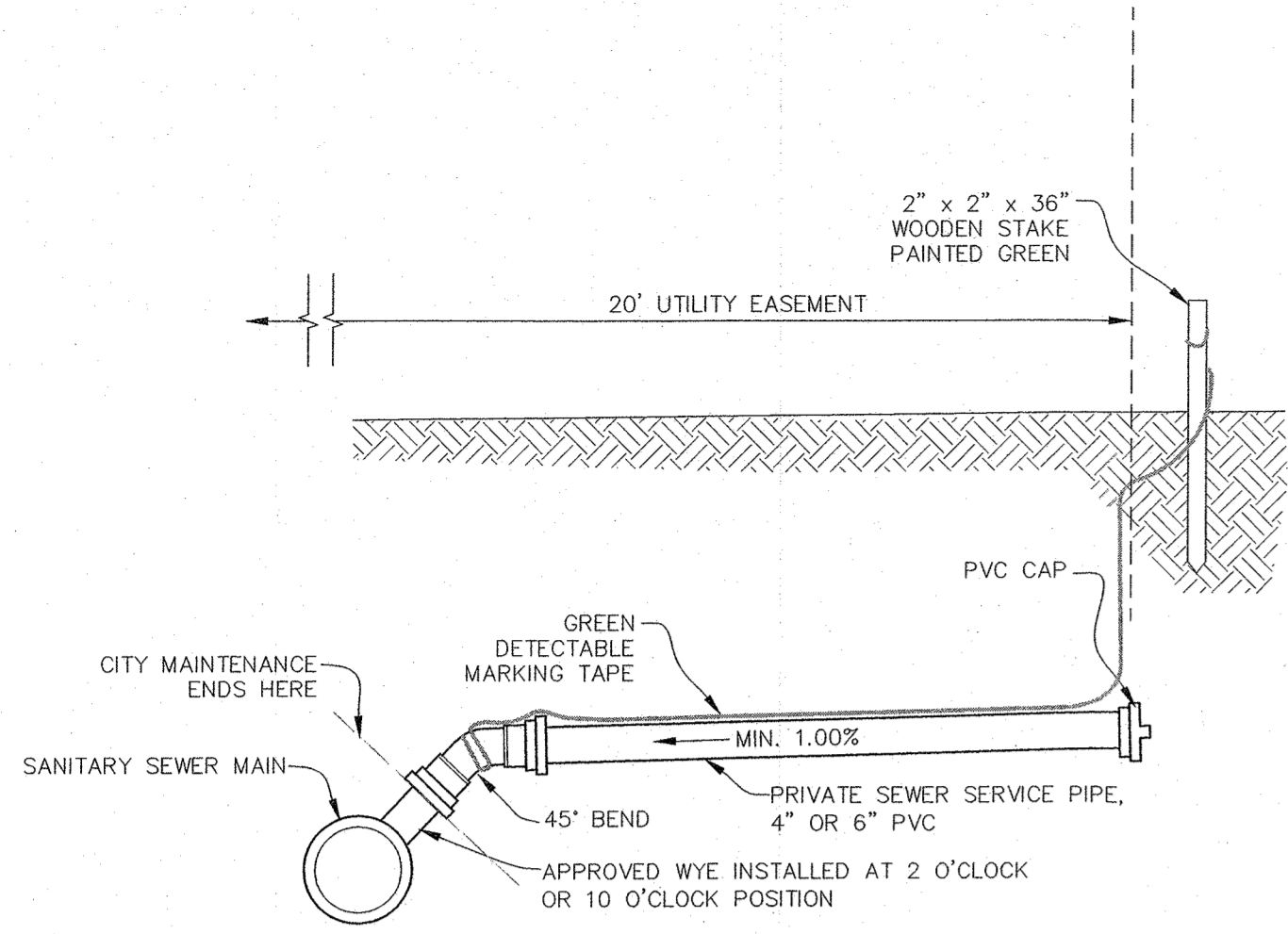
NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00

SHEET NO.

C107

CORLETT, PROBST & BOYD, P.L.L.C.
 4605 Old Jacksboro Highway Telephone (940) 723-1456
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 Texas Registered Engineering Firm F-279

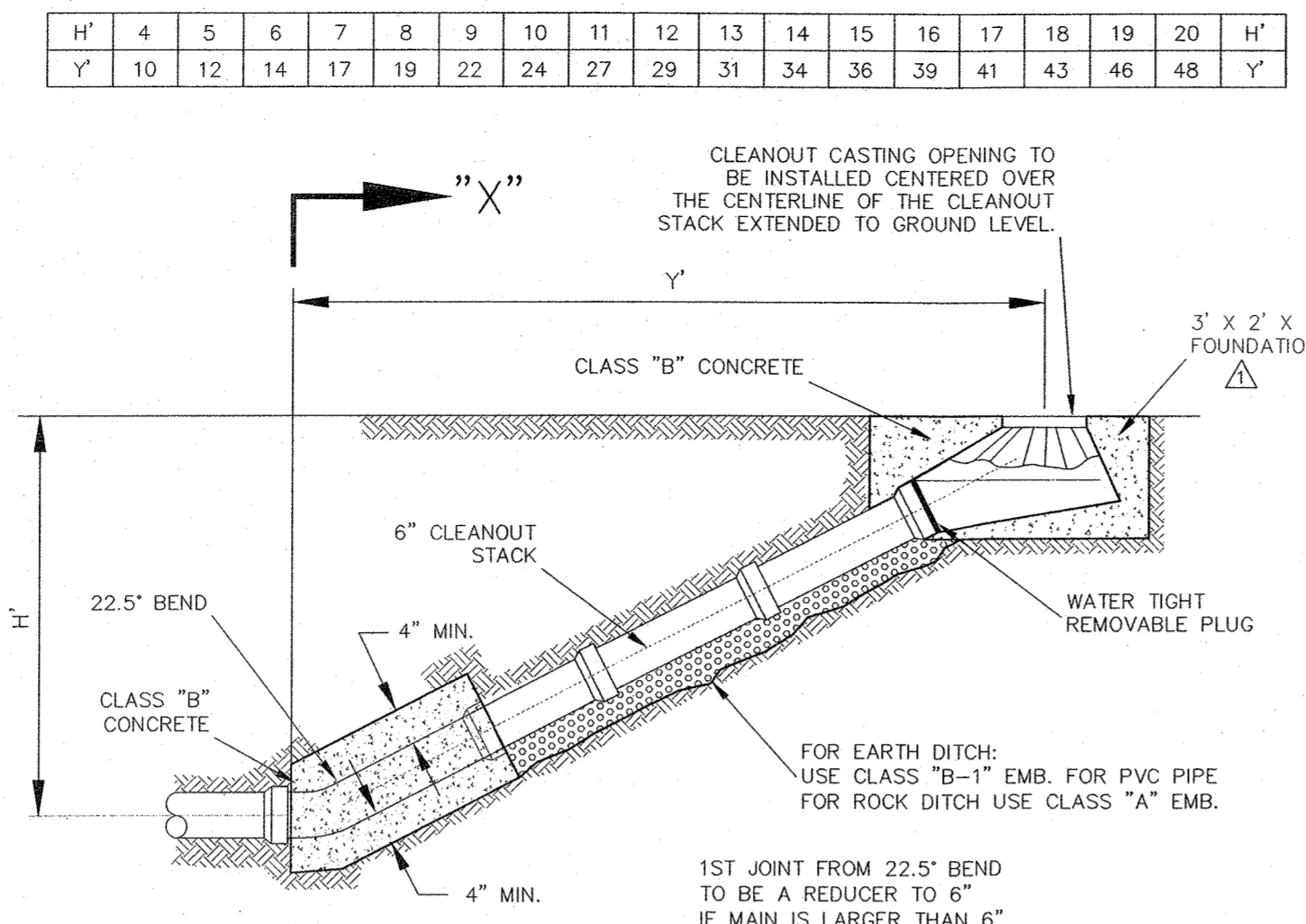


GENERAL NOTES:

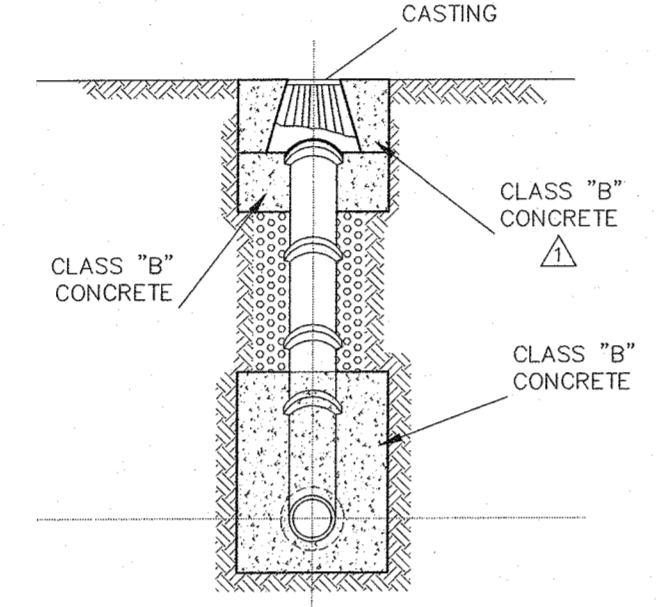
1. PRIVATE SEWER SERVICES ARE TO BE CONSTRUCTED TO CLEAR EXISTING AND PROPOSED UTILITIES, SUCH AS STORM SEWER MAINS, WATER MAINS, OTHER UTILITIES, ETC.
2. USE GREEN DETECTABLE UNDERGROUND MARKING TAPE, 5 MIL, ON SERVICE CONNECTIONS. MARK END LOCATION WITH 2" x 2" x 36" WOODEN STAKE, PAINTED GREEN, DRIVEN FIRMLY IN THE GROUND.

SANITARY SEWER SERVICE CONNECTION

NOT TO SCALE



PROFILE VIEW



SECTION "X-X"

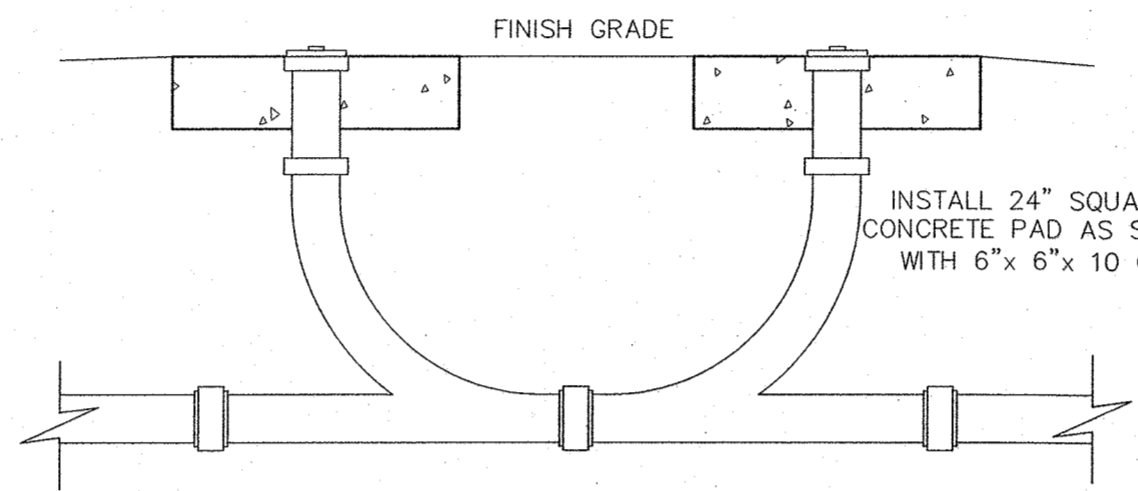
CLEANOUT DETAIL

NOT TO SCALE

- GENERAL NOTES:**
1. MECHANICALLY COMPACT BACKFILL AROUND CLEANOUT RISER TO A DENSITY EQUAL TO ADJACENT SOIL.
 2. FINISHED GRADE SHALL BE 6" ABOVE NATURAL GROUND FOR NON-PAVED AREAS OR AS SHOWN ON PLANS.
 3. IF CLEANOUT IS PLACED IN ADVANCE OF PAVEMENT, PLACE SAND AROUND CLEANOUT CASTING IN LIEU OF CLASS "B" CONCRETE.

SEWER LINE CONSTRUCTION NOTES:

1. MINIMUM SLOPE FOR SEWER LINES SHALL BE 0.50% FOR 6 INCH LINES AND 0.33% FOR 8 INCH LINES.
2. CENTER ONE FULL JOINT OF SEWER PIPE UNDER WATER LINE. MAINTAIN A MINIMUM 6" VERTICAL CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPES.
3. TRENCHES FOR SEWER LINES SHALL COMPLY WITH WATER LINE NOTE 7.

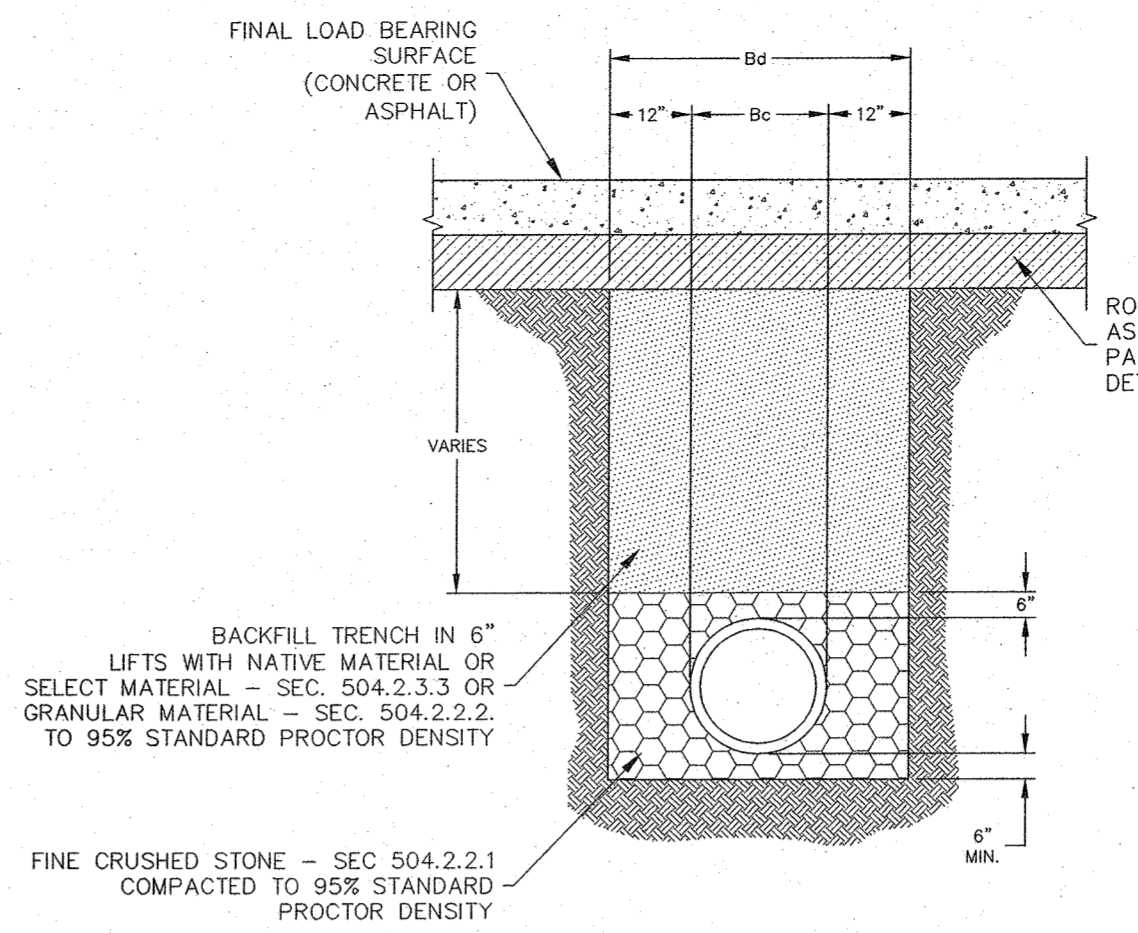


GENERAL NOTES:

1. ALL ON-SITE SEWER LINES TO BE SCHEDULE 40 P.V.C. PIPE.
2. MINIMUM GRADIENT FOR ALL LINES TO BE 1.0% OR 1/8" PER FOOT.
3. ALL SEWER LINES AND APPURTENANCES TO BE INSTALLED IN ACCORDANCE WITH THE WICHITA FALLS PLUMBING CODE.

TWO WAY CLEANOUT

NOT TO SCALE

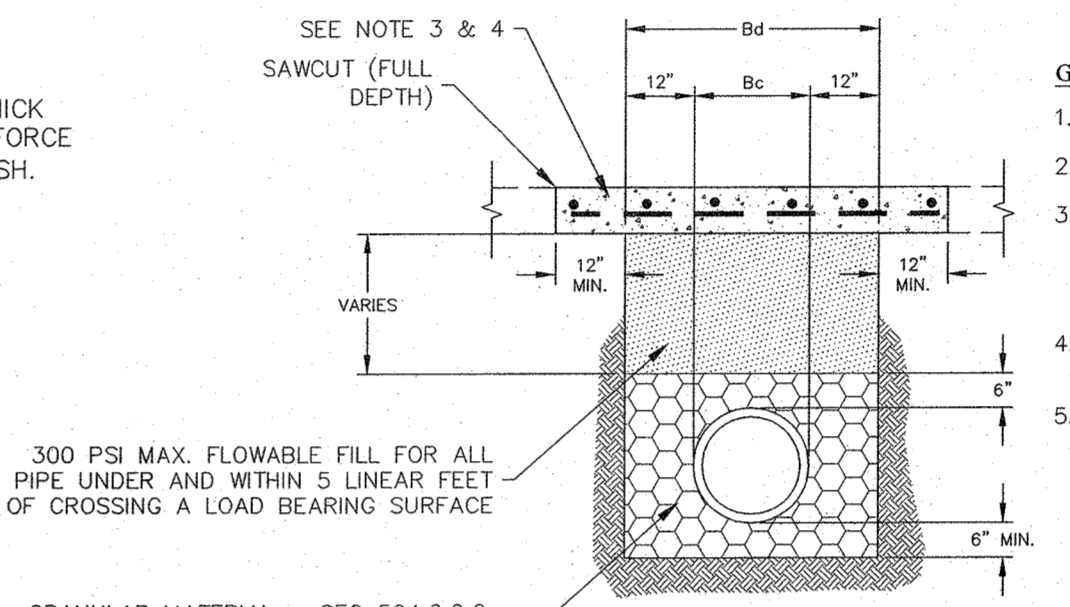


PIPE EMBEDMENT

NOT TO SCALE

GENERAL NOTES:

1. Bc=OUTSIDE DIAMETER OF PIPE
2. Bd=TRENCH WIDTH
3. COARSE CRUSHED ROCK PIPE EMBEDMENT MUST BE USED WHEN GROUND WATER IS ENCOUNTERED IN THE TRENCH.

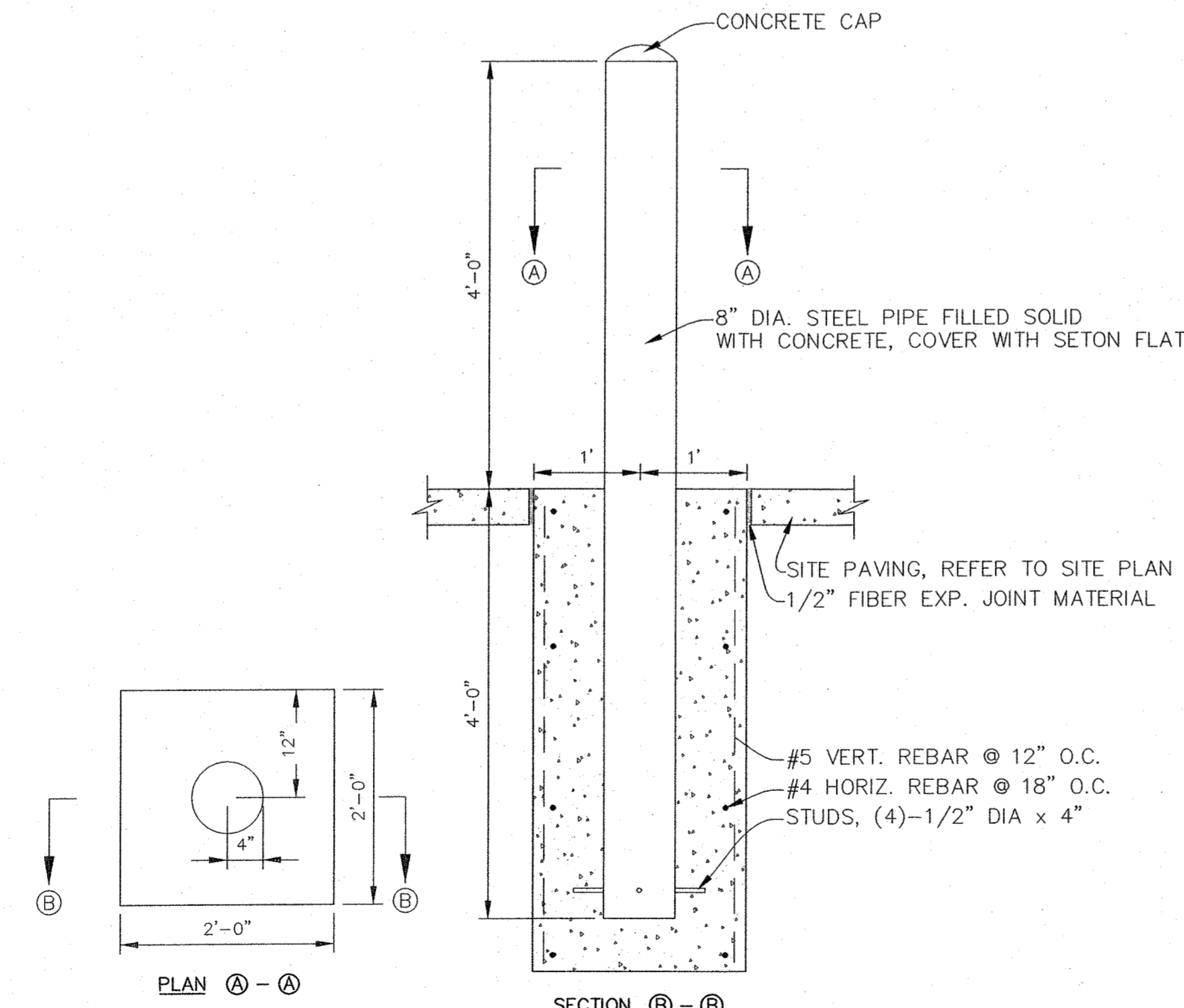


CONCRETE PAVEMENT UTILITY CUT REPAIR NEW DEVELOPMENT

NOT TO SCALE

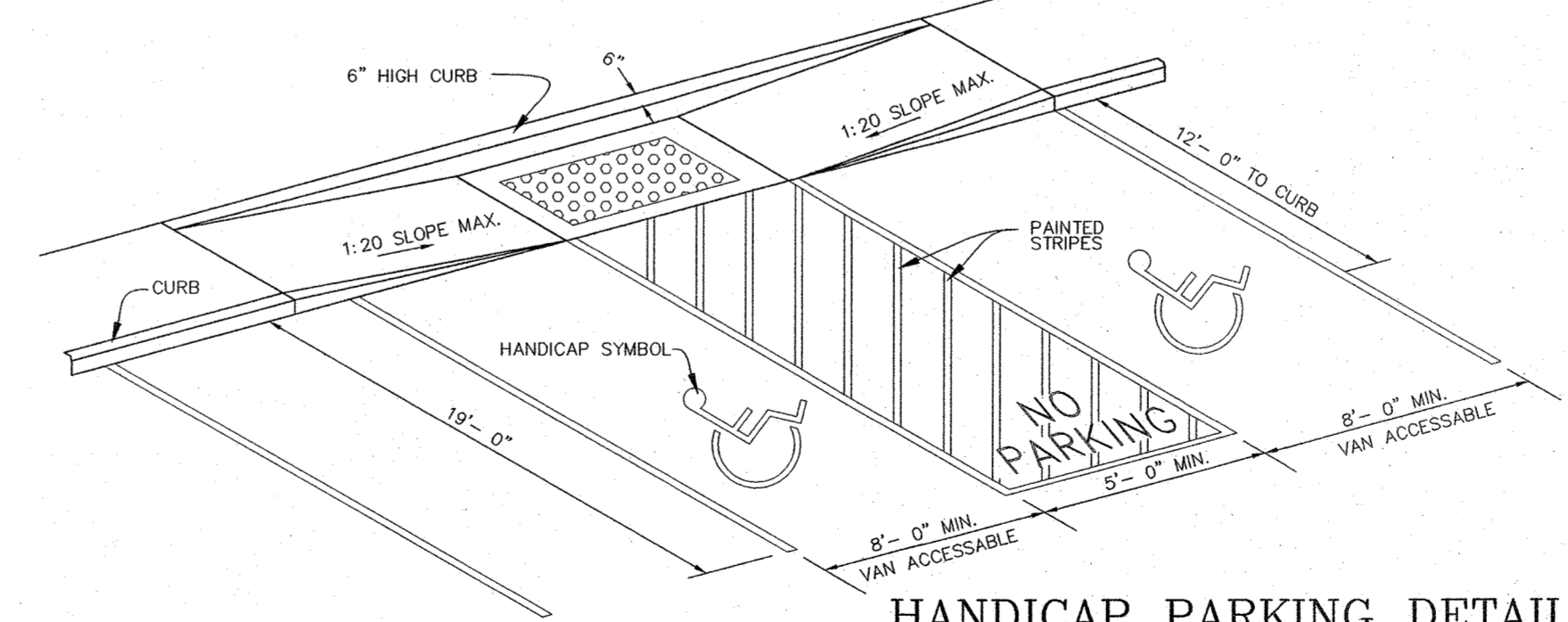
GENERAL NOTES:

1. Bc = OUTSIDE DIAMETER OF PIPE.
2. Bd = TRENCH WIDTH
3. MATCH EXISTING CONCRETE PAVEMENT WITH A MINIMUM 6" OF 3600 PSI, REINFORCED WITH EITHER #3 BARS @ 12" O.C.E.W. OR #4 BARS @ 18" O.C.E.W. AND DOWELED INTO EXISTING CONCRETE AT 24" O.C.
4. IF EXISTING PAVEMENT IS REINFORCED, EXISTING BARS REMAINING MAY BE USED IN PLACE OF DOWELS.
5. COARSE CRUSHED ROCK PIPE EMBEDMENT MUST BE USED WHEN GROUND WATER IS ENCOUNTERED IN THE TRENCH.



BOLLARD DETAILS

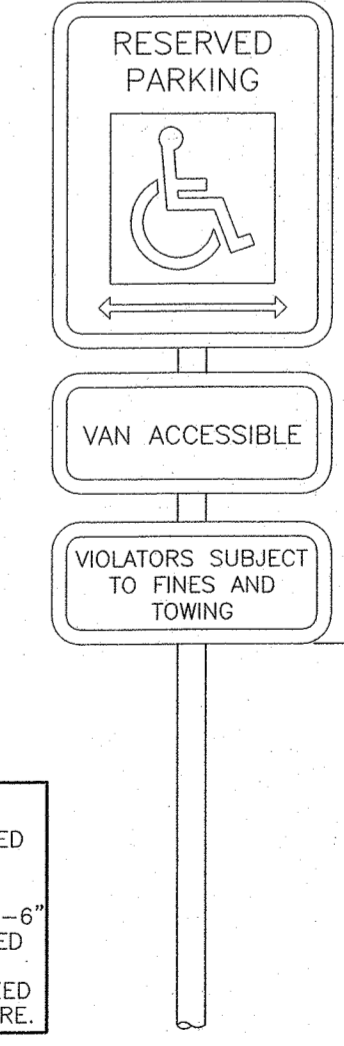
NOT TO SCALE



HANDICAP PARKING DETAIL

NOT TO SCALE

- NOTES:**
1. "NO PARKING" PAINTED IN STRIPED AREA TO BE AT LEAST A LETTER HEIGHT OF 1 FOOT AND A STROKE WIDTH OF AT LEAST 2 INCHES.
 2. SEE SHEET C104 GRADING PLAN FOR SPOT ELEVATIONS OF EACH PARKING SPOT
 3. HANDICAPPED RESERVED PARKING SIGNS SHALL BE PLACED IN FRONT OF EACH HANDICAP PARKING SPACE. SEE HANDICAP SIGN DETAIL.



PROVIDE ONE SIGN AT CENTER OF EACH HANDICAP SPACE. MINIMUM 1" HEIGHT LETTERING. NO MORE THAN 8" BETWEEN SIGNS

NOTE: PROVIDE 2-INCH GALVANIZED STANDARD WALL STEEL POSTS IN 8-INCH DIA. X 2'-6" DEEP HOLES FILLED WITH CONCRETE. PROVIDE GALVANIZED CAP AND HARDWARE.

HANDICAP SIGN DETAIL

NO SCALE

UTILITY & SITEWORK DETAILS

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ESTABLISHED 1962
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STATE OF TEXAS
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58872
7-2022

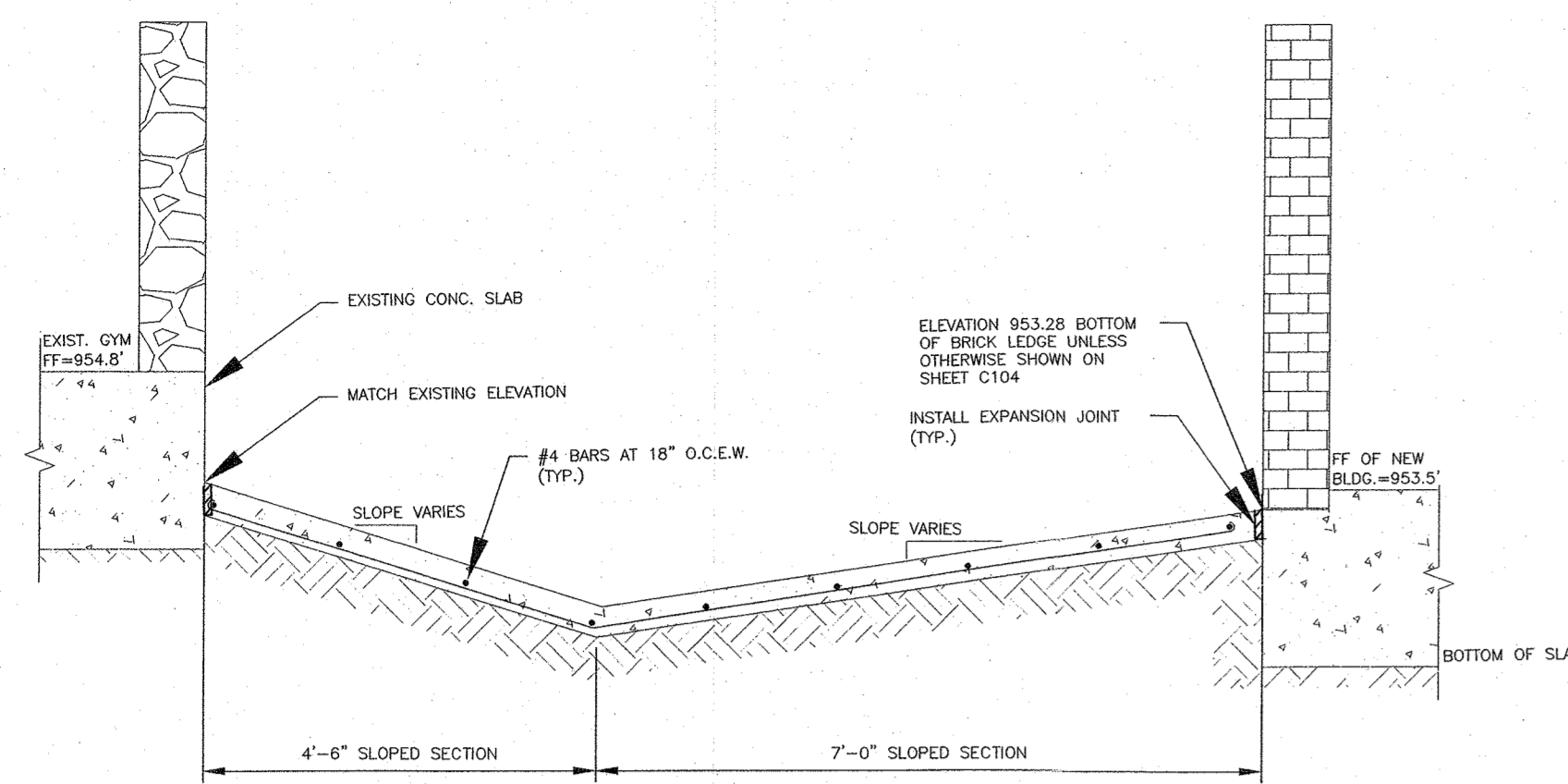
ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
FOR GORDON I.S.D.
112 RUSK STREET
GORDON, TEXAS 76453

DRAWN BY: KCN
DATE: 28 JULY 2022

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00
SHEET NO.
C108

CORLETT, PROBST & BOYD, P.L.L.C.
4605 Old Jacksboro Highway Telephone (940) 723-1456
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Texas Registered Engineering Firm F-279



CHANNEL "B" DETAIL

SCALE: NONE

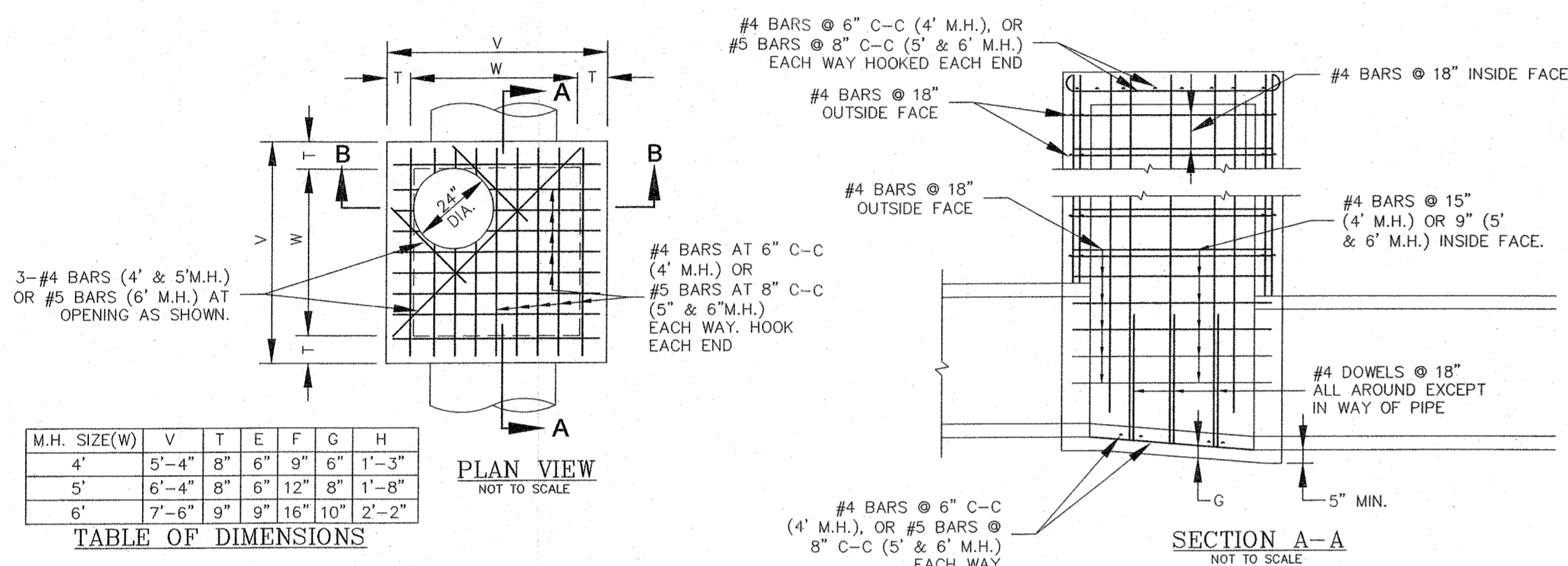
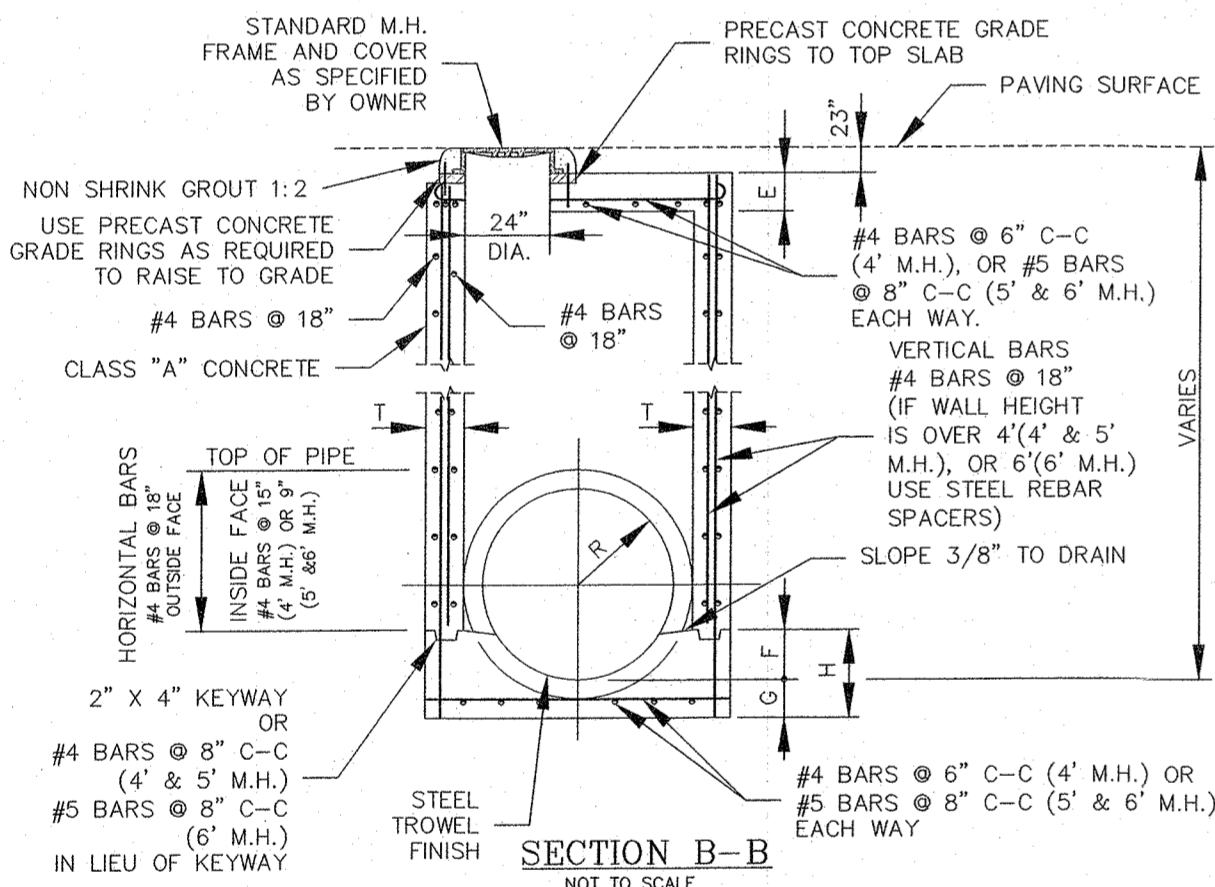
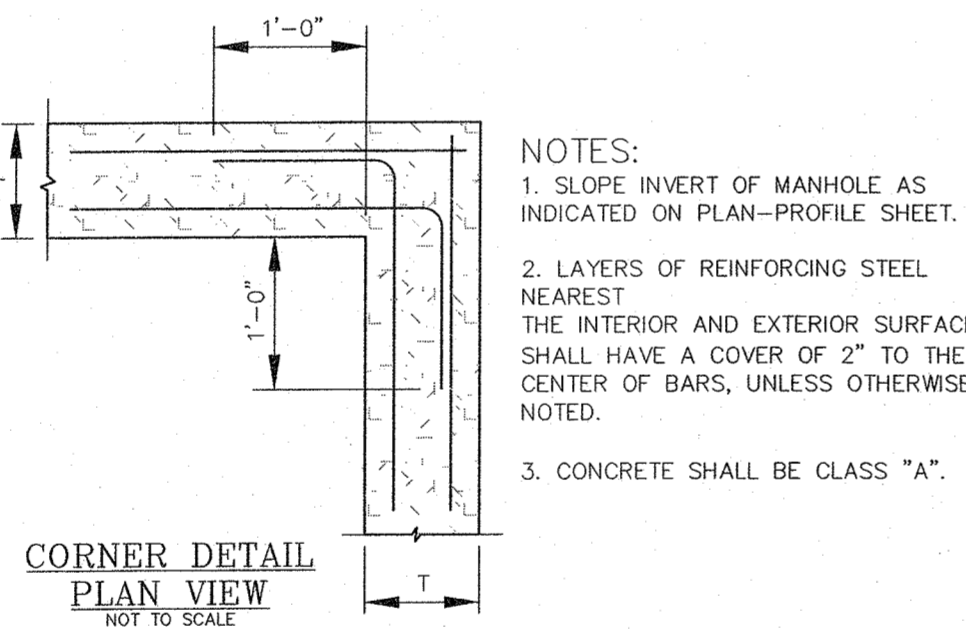


TABLE OF DIMENSIONS

M.H. SIZE (W)	V	T	E	F	G	H
4'	5'-4"	8"	6"	9"	6"	1'-3"
5'	6'-4"	8"	6"	12"	8"	1'-8"
6'	7'-6"	9"	9"	16"	10"	2'-2"

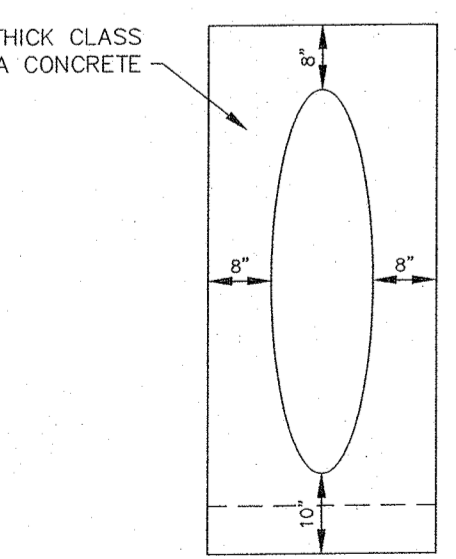


**STORMWATER MANHOLE
4', 5', OR 6' SQUARE**



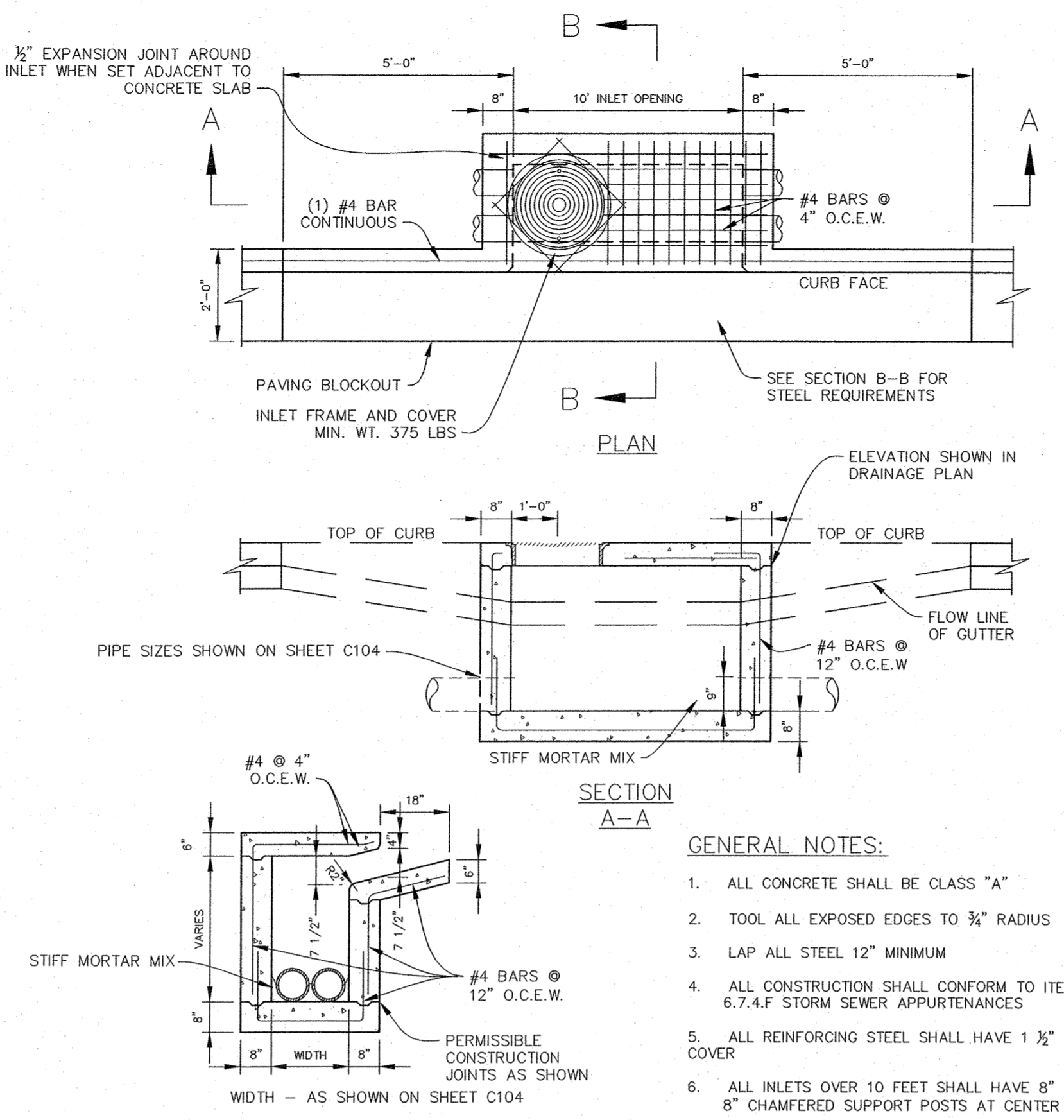
**CORNER DETAIL
PLAN VIEW**

- NOTES:
1. SLOPE INVERT OF MANHOLE AS INDICATED ON PLAN-PROFILE SHEET.
 2. LAYERS OF REINFORCING STEEL NEAREST THE INTERIOR AND EXTERIOR SURFACE SHALL HAVE A COVER OF 2" TO THE CENTER OF BARS, UNLESS OTHERWISE NOTED.
 3. CONCRETE SHALL BE CLASS "A".



SLOPED END COLLAR

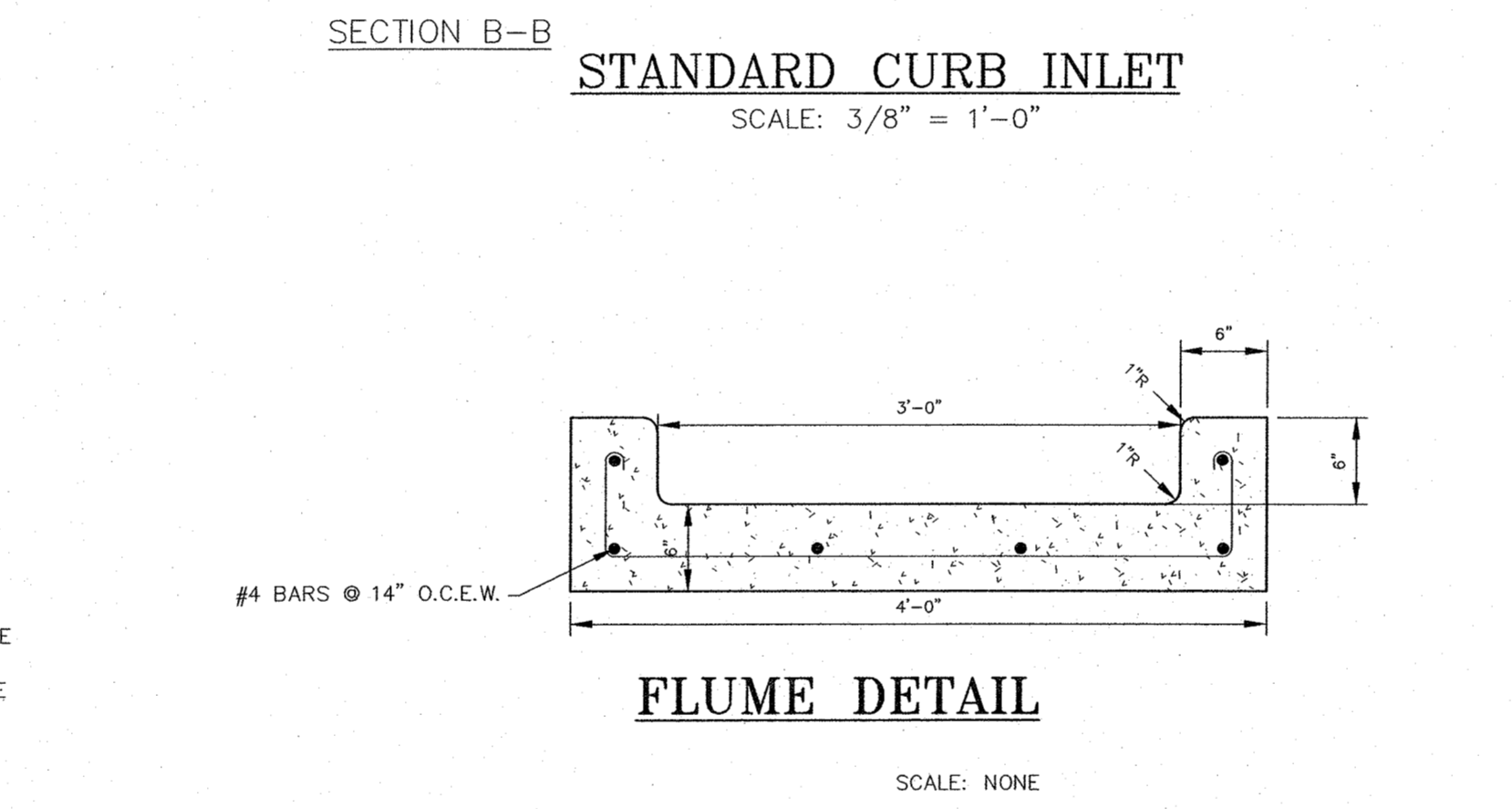
NO SCALE



STANDARD CURB INLET

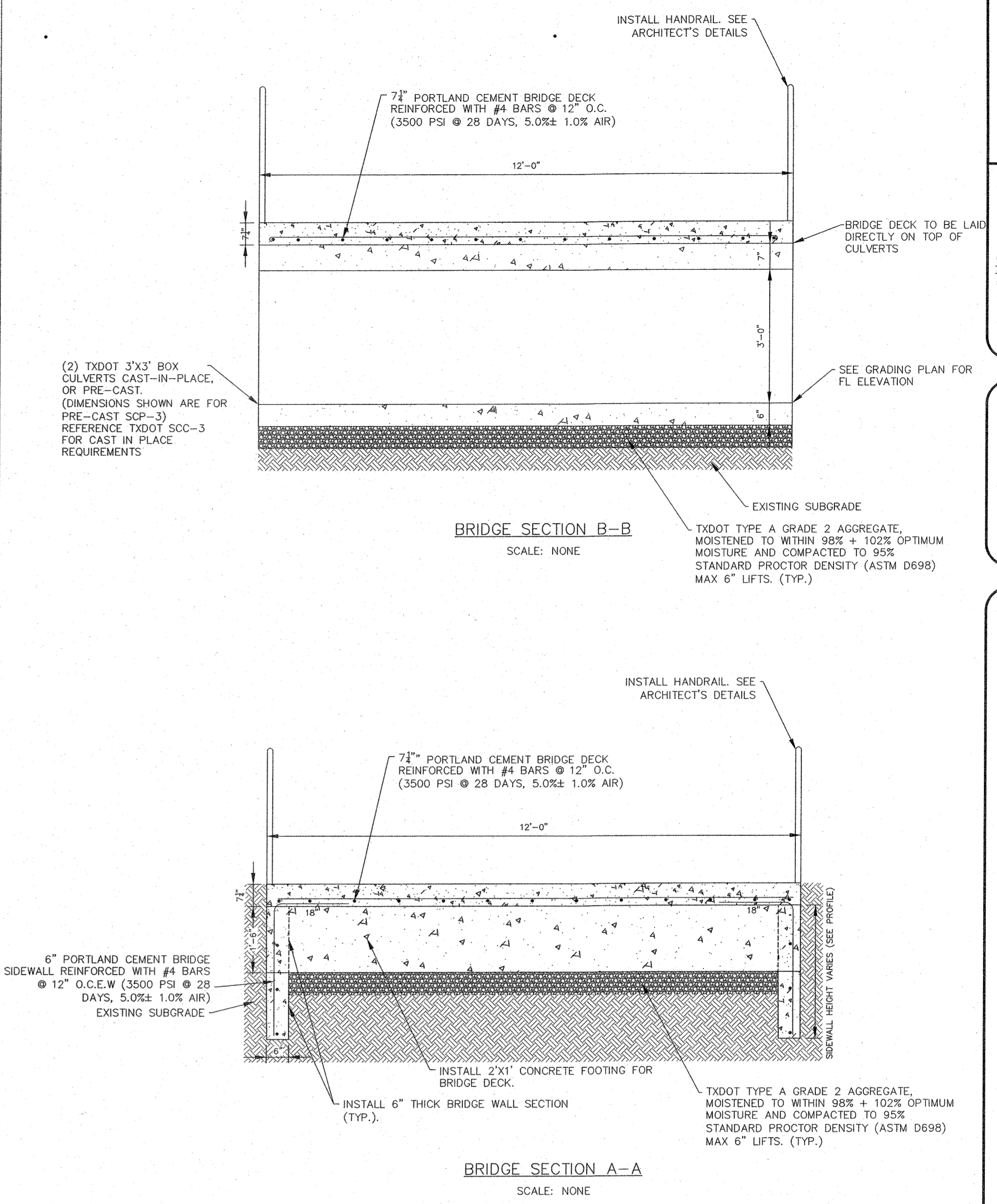
SCALE: 3/8" = 1'-0"

- GENERAL NOTES:
1. ALL CONCRETE SHALL BE CLASS "A"
 2. TOOL ALL EXPOSED EDGES TO 3/4" RADIUS
 3. LAP ALL STEEL 12" MINIMUM
 4. ALL CONSTRUCTION SHALL CONFORM TO ITEM 6.7.4.F STORM SEWER APPURTENANCES
 5. ALL REINFORCING STEEL SHALL HAVE 1 1/2" COVER
 6. ALL INLETS OVER 10 FEET SHALL HAVE 8" x 8" CHAMFERED SUPPORT POSTS AT CENTER



FLUME DETAIL

SCALE: NONE

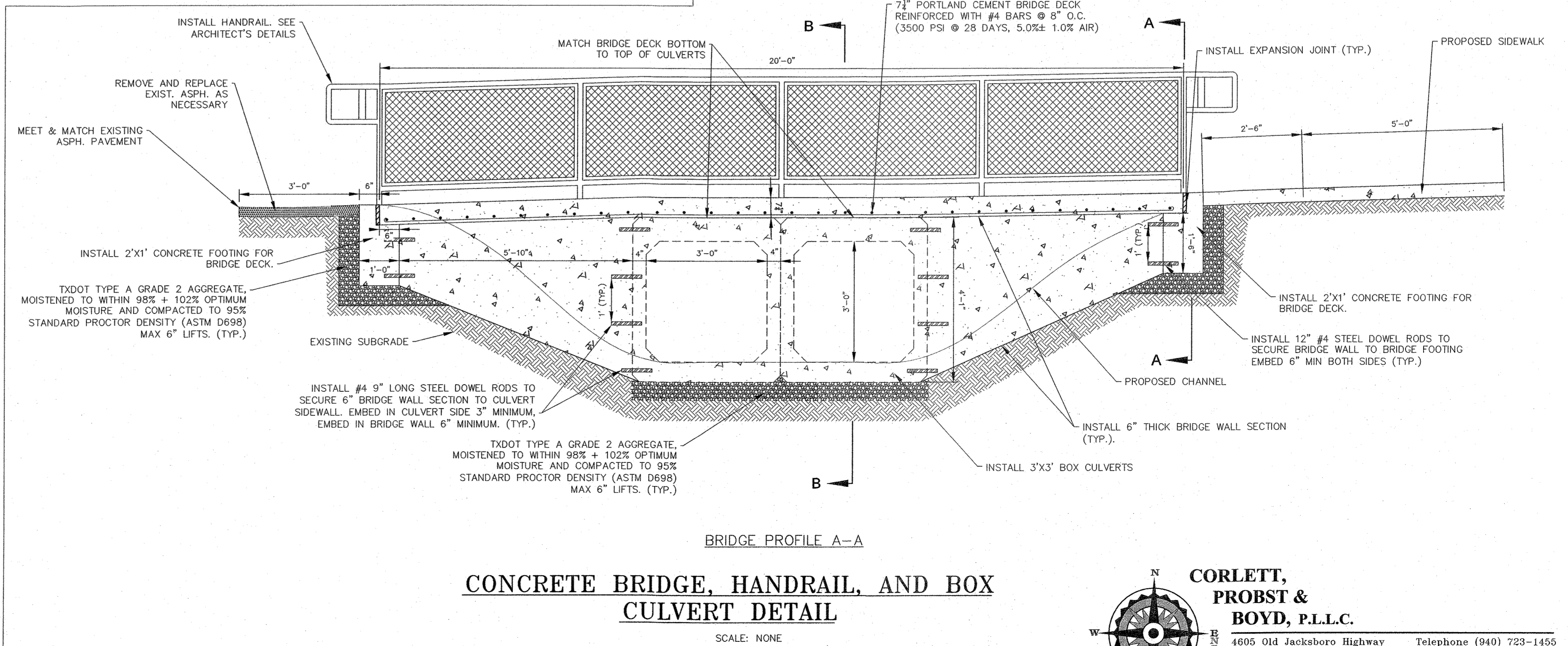


BRIDGE SECTION B-B

SCALE: NONE

BRIDGE SECTION A-A

SCALE: NONE



BRIDGE PROFILE A-A

**CONCRETE BRIDGE, HANDRAIL, AND BOX
CULVERT DETAIL**

SCALE: NONE

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DEAN HINTON
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ADDITIONS AND RENOVATIONS TO THE
GORDON I.S.D. CAMPUS
 FOR GORDON I.S.D.

GORDON, TEXAS 76453

112 RUSK STREET

DRAWN BY: KCN
 DATE: 28 JULY 2022

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NO.
20864.00
 SHEET NO.
C110

SITE DESCRIPTION

PROJECT LIMITS:
ALL LOTS & CLOSED AUSTIN ST. BLK 11 GORDON ORIGINAL TOWNSITE, A 2.185 ACRE TRACT OF LAND ON 114 W. RUSK ST. AND LOTS 1-12, BLK 12 GORDON ORIGINAL TOWNSITE, A 1.928 ACRE TRACT OF LAND AT 0.2, RUSK ST.

PROJECT DESCRIPTION:
CONSTRUCTION OF SCHOOL BUILDING, PARKING LOT, DRIVEWAYS, DRAINAGE FACILITIES, UTILITIES, GRADING, AND ALL ASSOCIATED WORK.

MAJOR SOIL DISTURBING ACTIVITIES:
SOIL DISTURBING ACTIVITIES WILL INCLUDE PREPARATION, CLEARING AND GRUBBING; GRADING, EXCAVATION, AND EMBANKMENT; STORMDRAIN, CHANNEL, AND CULVERT EXCAVATION; AND INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS.

TOTAL PROJECT AREA:
4.11 ACRES

TOTAL AREA TO BE DISTURBED:
2.60 ACRES

WEIGHTED RUNOFF COEFFICIENT:
(AFTER CONSTRUCTION); 0.50

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:
45% - 50% OF THE AREA IS COVERED WITH GRASSES WITH SOME AREAS OF EROSION IN EVIDENCE.
50-55% OF THE AREA IS COVERED WITH STRUCTURES, CONCRETE OR GRAVEL PAVEMENT.

NAME OF RECEIVING WATER:
RUNOFF WATER FROM THIS PROJECT ENTERS A DRAINAGE CHANNEL WHICH ENTERS AN UNNAMED CREEK NORTH OF GORDON TX, WHICH ENTERS SEGMENT 1230A PALO PINTO CREEK WHICH ENTERS LAKE PALO PINTO.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT PLANTING, SODDING, OR SEEDING
- MULCHING
- SOIL RETENTION BLANKET
- BUFFER ZONES
- PRESERVATION OF NATURAL RESOURCES

OTHER: DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS.

STRUCTURAL PRACTICES:

- SILT FENCES
- HAY BALES
- ROCK BERMS
- DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
- DIVERSION DIKE AND SWALE COMBINATIONS
- PIPE SLOPE DRAINS
- PAVED FLUMES
- ROCK BEDDING AT CONSTRUCTION EXIT
- TIMBER MATTING AT CONSTRUCTION EXIT
- CHANNEL LINERS
- SEDIMENT TRAPS
- SEDIMENT BASINS
- STORM INLET PROTECTION
- STONE OUTLET STRUCTURES
- CURBS AND GUTTERS
- STORM SEWERS
- VELOCITY CONTROL DEVICES

OTHER:

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:
1. INSTALL INLET PROTECTION DEVICES AS SPECIFIED FOR EXISTING INLETS.

2. INSTALL NEW DRAINAGE FACILITIES INCLUDING CURB INLETS, GRATE INLETS, AND STORM SEWER. INSTALL SILT FENCES AND INLET PROTECTION DEVICES AS SPECIFIED AT ALL INLETS AS SOON AS INLETS ARE FUNCTIONAL.

3. PREPARE SUBGRADES AND CONSTRUCT PAVEMENT.

4. COMPLETE CONSTRUCTION AND STABILIZE THE PROJECT SITE. AFTER APPROVAL BY THE ENGINEER, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES. RESOD ANY AREAS DISTURBED BY THEIR REMOVAL.

STORM WATER MANAGEMENT:

STORM WATER DRAINAGE WILL BE PROVIDED BY PAVEMENT SECTION. ALL PROPOSED DRAINAGE FACILITIES WILL TIE IN TO EXISTING FACILITIES. SLOPES ARE TO BE PERMANENTLY STABILIZED WITH VEGETATION.

OTHER EROSION AND SEDIMENT CONTROLS:

MAINTENANCE:
ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGEWAYS SHALL HAVE PRIORITY.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY A QUALIFIED INSPECTOR EVERY 14 CALENDAR DAYS AS WELL AS AFTER EVERY HALF INCH OR MORE OF RAIN (AS RECORDED ON A RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE FOR EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORT.

WASTE MATERIALS:

ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE COLLECTED AND STORED IN AN APPROVED CLOSED CONTAINER UNTIL SUCH TIME THAT IT CAN BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE ENGINEER.

NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING):
AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION OR CONCRETE CURING COMPOUNDS OR ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE PROPER AUTHORITIES SHALL BE CONTACTED IMMEDIATELY.

SANITARY WASTE:

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

SOIL STABILIZATION PRACTICES:

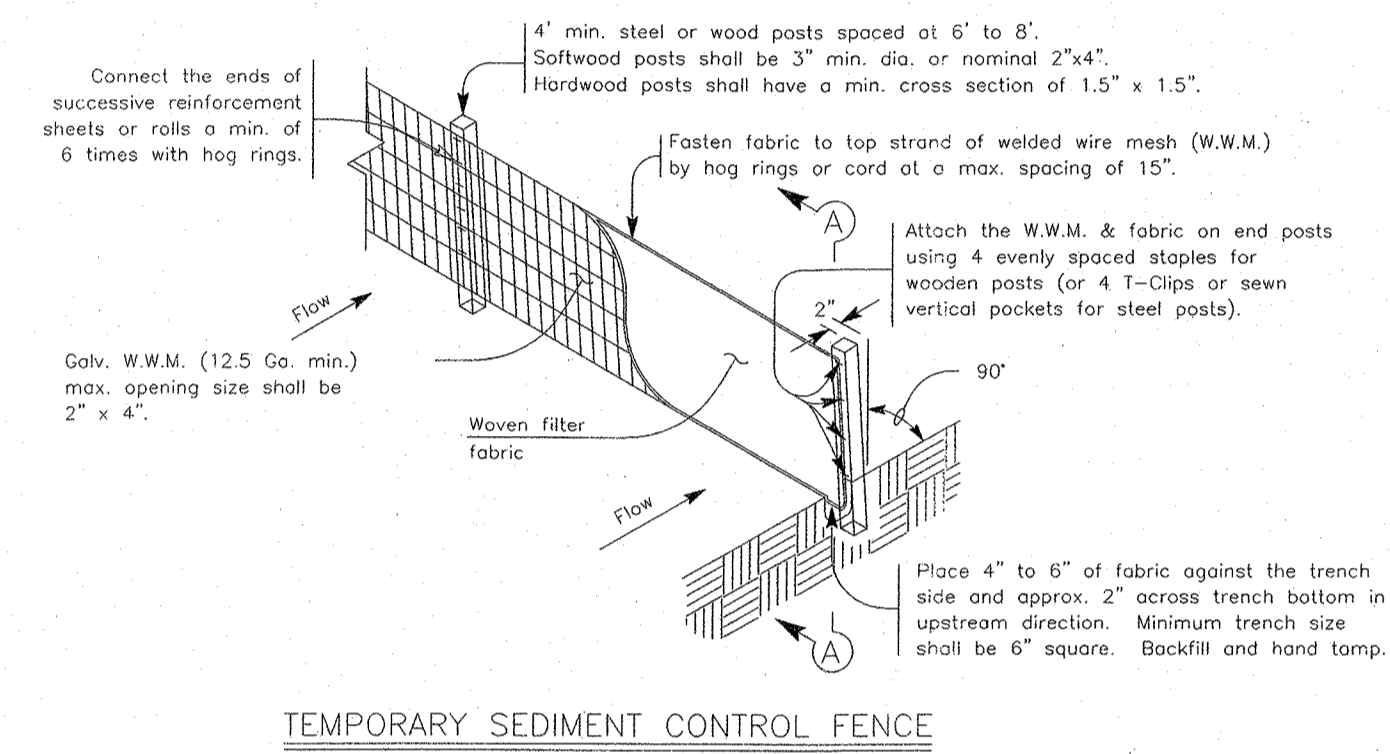
- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE

OTHER: DISTURBED AREAS SHALL BE DAMPENED FOR DUST CONTROL WHEN DIRECTED BY THE ENGINEER. EXCESS MUD, DIRT OR ROCK TRACKED ON TO THE EXISTING FRONTAGE ROADS BY THE CONTRACTOR'S OPERATIONS SHALL BE REMOVED DAILY TO THE SATISFACTION OF THE ENGINEER.

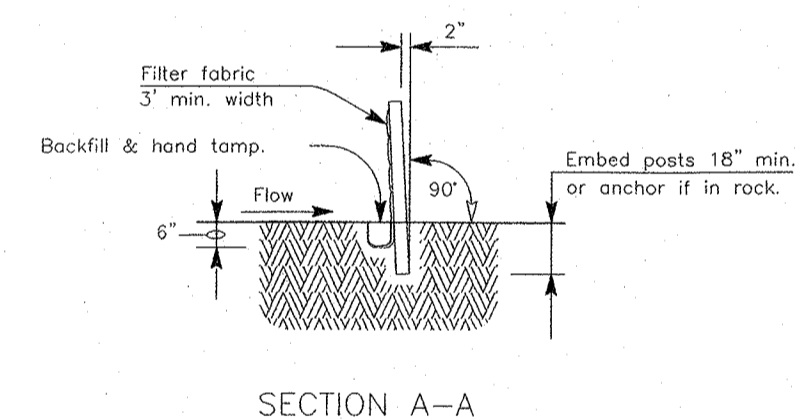
REMARKS:

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS LOCATED WITHIN THE R.O.W. SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATER. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, WATERBODY, OR STREAMBED. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS LOCATED WITHIN THE R.O.W. SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.

ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICABLE OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING, DEBRIS OR OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT A PART OF THE FINISHED WORK.



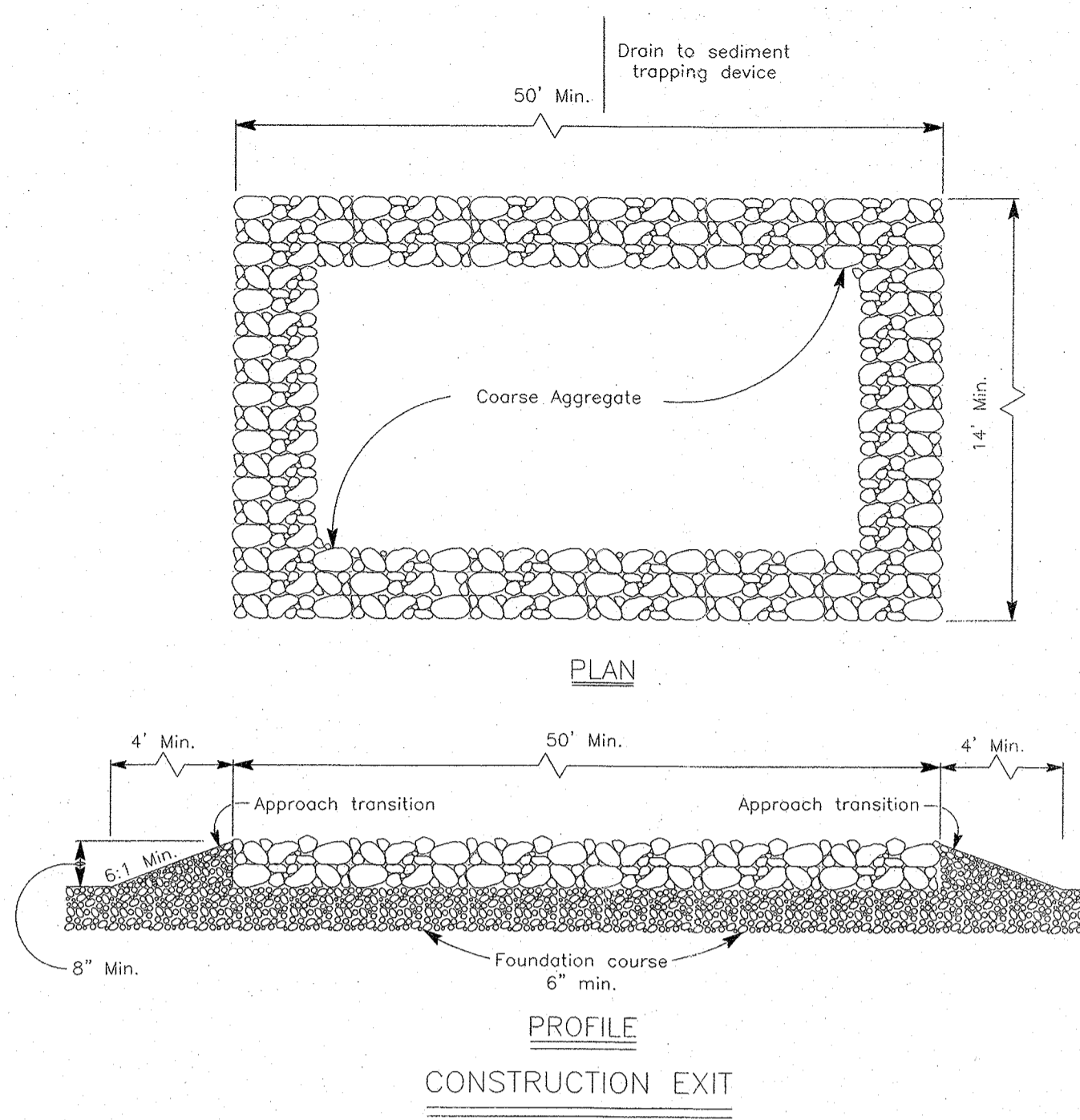
TEMPORARY SEDIMENT CONTROL FENCE



SEDIMENT CONTROL FENCE USAGE GUIDELINES
A SEDIMENT CONTROL FENCE MAY BE CONSTRUCTED NEAR THE DOWNSTREAM PERIMETER OF A DISTURBED AREA ALONG A CONTOUR TO INTERCEPT SEDIMENT FROM OVERLAND RUNOFF. A 2 YEAR STORM FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE TO BE FILTERED.
SEDIMENT CONTROL FENCE HAS BEEN SIZED TO FILTER A MAX. FLOW THROUGH RATE OF 100 cfm/FT.

GENERAL NOTES

1. PIPE OUTLET MATERIAL SHALL CONFORM TO THE ITEM "PIPE UNDERDRAINS" OR AS ACCEPTED BY THE ENGINEER.
2. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT.
3. SIDE SLOPES WITHIN THE SAFETY CLEAR ZONE OF A ROADWAY SHALL BE 6:1 OR FLATTER. PROTECT THE TRAVELING PUBLIC FROM INLET STACKS WITHIN THE CLEAR ZONE.
4. SEDIMENT BASINS SHALL HAVE SIDE SLOPES OF 3:1 OR FLATTER.
5. THE DIMENSIONS AND LIMITS OF EXCAVATION FOR SEDIMENT BASINS AND TRAPS WILL BE AS SHOWN ELSEWHERE ON THE PLANS.
6. THE SANDBAG MATERIAL SHALL BE MADE OF POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN FABRIC, MIN. UNIT WEIGHT 4 OUNCES/SY, MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%.
7. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.



GENERAL CONSTRUCTION EXIT NOTES

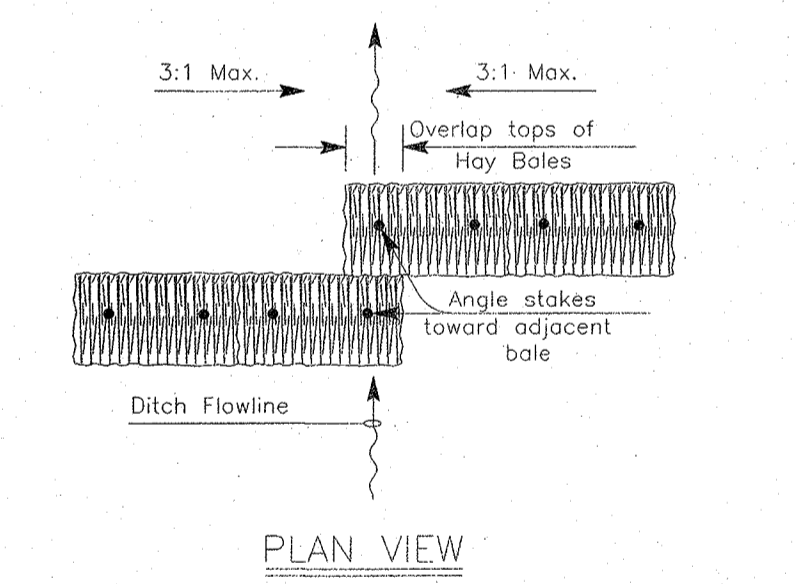
1. THE LENGTH OF THE CONSTRUCTION EXIT SHALL BE NOT LESS THAN 50'.
2. THE COARSE AGGREGATE SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8".
3. THE APPROACH TRANSITIONS SHOULD BE NO STEEPER THAN 6:1 AND CONSTRUCTED AS DIRECTED BY THE ENGINEER.
4. THE CONSTRUCTION EXIT FOUNDATION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
5. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.
6. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.

PLAN SHEET LEGEND

- Sediment Control Fence (SCF)
- Baled Hay (BH)
- Curb Inlet Sediment Trap (ST-C)

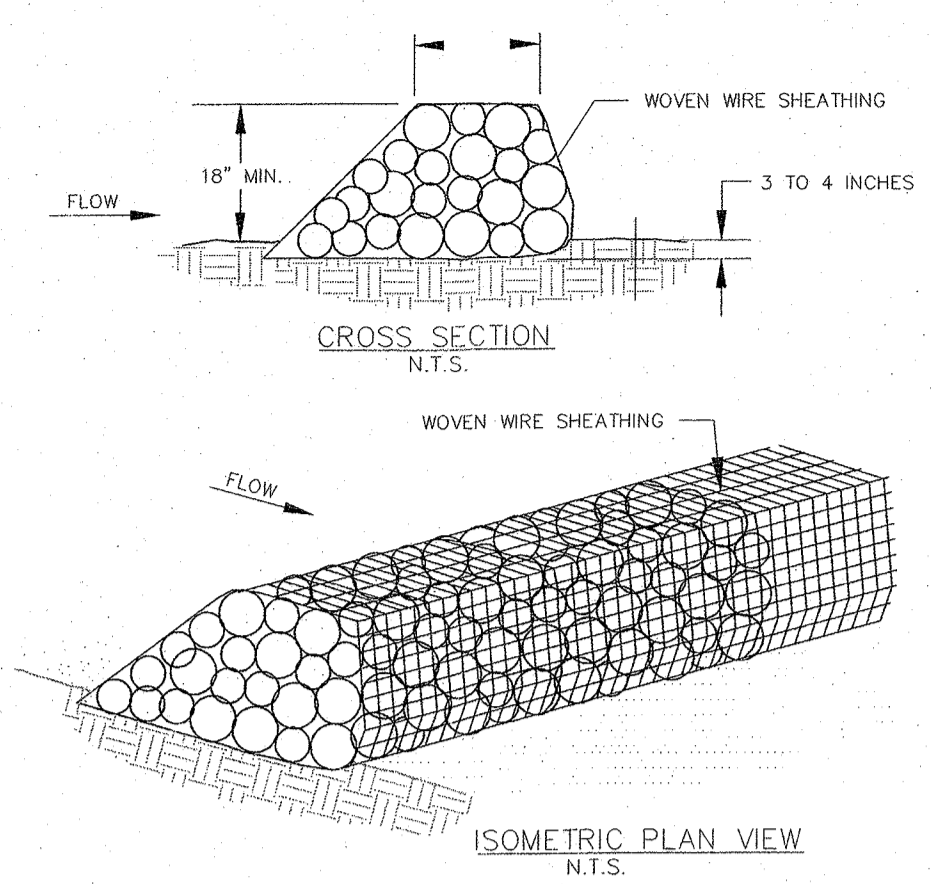
BALED HAY USAGE GUIDELINES

A BALED HAY INSTALLATION MAY BE CONSTRUCTED NEAR THE DOWNSTREAM PERIMETER OF A DISTURBED AREA ALONG A CONTOUR TO INTERCEPT SEDIMENT FROM OVERLAND RUNOFF. A TWO YEAR STORM FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE TO BE FILTERED. THE INSTALLATION SHOULD BE SIZED TO FILTER A MAXIMUM FLOW THRU RATE OF 5 SO. FT. OF CROSS SECTIONAL AREA. BALED HAY MAY BE USED AT THE FOLLOWING LOCATIONS:
1. WHERE THE RUNOFF APPROACHING THE BALED HAY FLOWS OVER DISTURBED SOIL FOR LESS THAN 100'. IF THE SLOPE OF THE DISTURBED SOIL EXCEEDS 10%, THE LENGTH OF SLOPE UPSTREAM THE BALED HAY SHOULD BE LESS THAN 50'.
2. WHERE THE INSTALLATION WILL BE REQUIRED FOR LESS THAN 3 MONTHS.
3. WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1/2 ACRE.
FOR BALED HAY INSTALLATIONS IN SMALL DITCHES, THE ADDITIONAL FOLLOWING CONSIDERATIONS APPLY:
1. THE DITCH SIDESLOPES SHOULD BE GRADED AS FLAT AS POSSIBLE TO MAXIMIZE THE DRAINAGE FLOWRATE THRU THE HAY.
2. THE DITCH SHOULD BE GRADED LARGE ENOUGH TO CONTAIN THE OVERTOPPING DRAINAGE WHEN SEDIMENT HAS FILLED TO THE TOP OF THE BALED HAY.
BALES SHOULD BE REPLACED USUALLY EVERY 2 MONTHS OR MORE OFTEN DURING WET WEATHER WHEN LOSS OF STRUCTURAL INTEGRITY IS ACCELERATED.



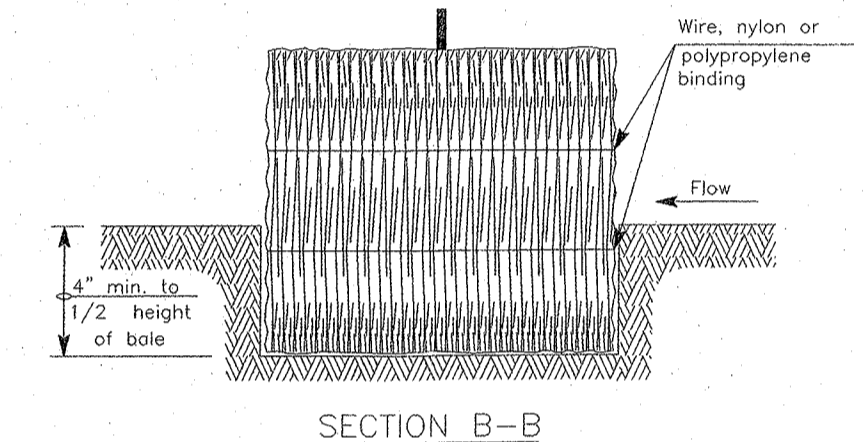
PLAN VIEW

PROFILE VIEW

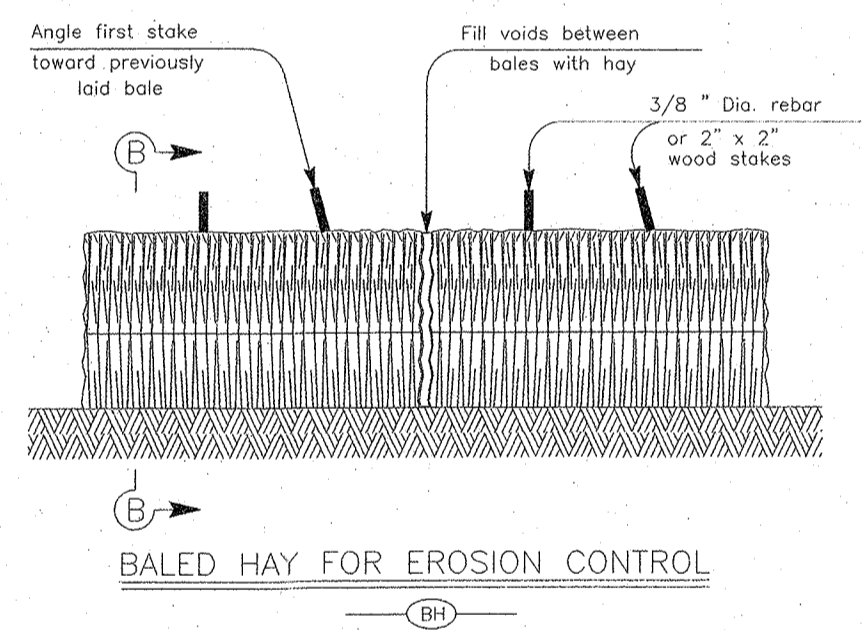


ROCK BERM GENERAL NOTES:

1. USE ONLY OPEN GRADED ROCK 4-8 INCHES IN DIAMETER FOR STREAM FLOW CONDITION. USE OPEN GRADED ROCK 3-5 INCHES IN DIAMETER FOR OTHER CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING A MAXIMUM OPENING OF 1 INCH AND A MINIMUM WIRE SIZE OF 20 GAUGE AND SHALL BE BURIED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP.
3. THE ROCK BERM SHALL BE INSPECTED EVERY TWO WEEKS OR AFTER EACH 1/2\"/>



SECTION B-B



BALED HAY FOR EROSION CONTROL

GENERAL NOTES

1. HAY BALES SHALL BE A MINIMUM OF 30\"/>