PLAN & PROFILE ~ ALLEY RECONSTRUCTION
THE VILLAGE OF NEW BREMEN
NEW BREMEN OHIO

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REVISIONS:

DATE: 8-3-09
DRAWN: T.J.B.
CHECKED: J.L.M.

17 / 18

JOB NO. NB1208070 7

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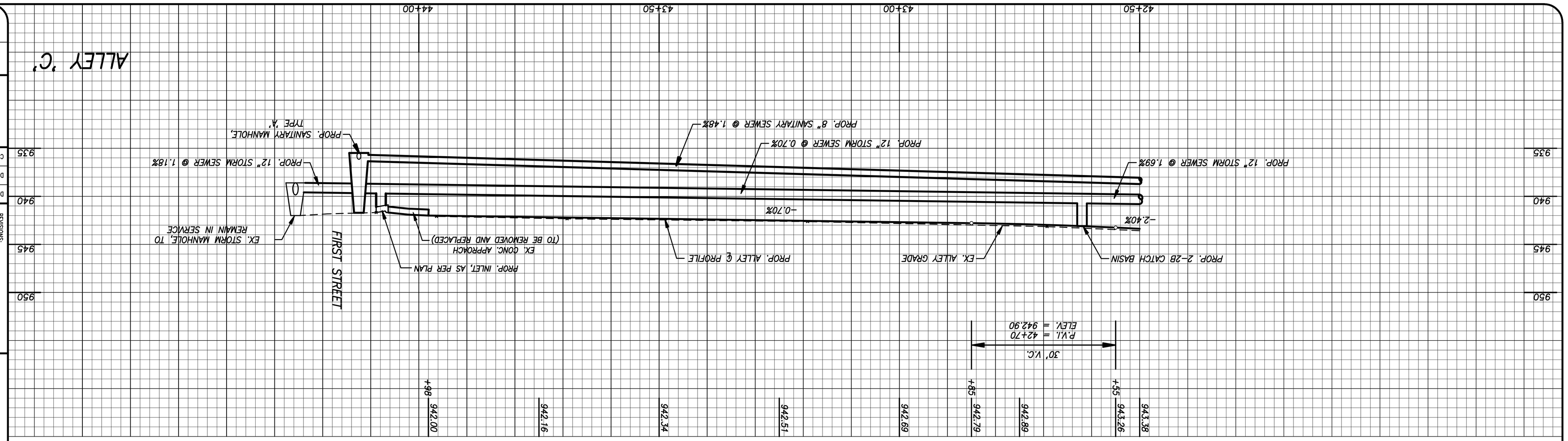


SPEC.		33 31 00	33 31 00		32 12 34	609	608		604	604		603	603	603	603		452	448	304	301	204	203		202	202	202	202
		SANITARY SEWER LATERAL	8" SANITARY SEWER		ASPHALT REJUVENATING AGENT (RECLAMITE)	COMBINATION CURB AND GUTTER, AS PER PLAN	CONCRETE WALK		2-2B CATCH BASIN, AS PER PLAN	INLET, AS PER PLAN		8" CAP	8" - 45° BEND (707.33)	12" CONDUIT TYPE 'B' (707.33)	8" CONDUIT TYPE 'B' (707.33)		NON-REINFORCED CONCRETE PAVEMENT	ASPH. CONC. SURFACE COURSE TYPE 1	AGGREGATE BASE	ASPHALT CONCRETE BASE	SUBGRADE COMPACTION	EXCAVATION		CATCH BASIN REMOVED	CONCRETE APPROACH REMOVED	CURB AND GUTTER REMOVED	WALK REMOVED
EACH		EACH	L.F.		S.Y.	L.F.	S.F.		EACH	EACH		EACH	EACH	L.F.	L.F.		C.Y.	C.Y.	C.Y.	C.Y.	S.Y.	C.Y.		EACH	S.Y.	L.F.	S.F.
2		4	162		165	20	52		1	1		2	4	174	24		12.5	9	29	19	173	63		1	12	20	52

UNI-TEE IS AN ACCEPTABLE SUBSTITUTION FOR THE INSERTA-TEE CONNECTIONS.

(SD) PROPOSED STORM DRAINS

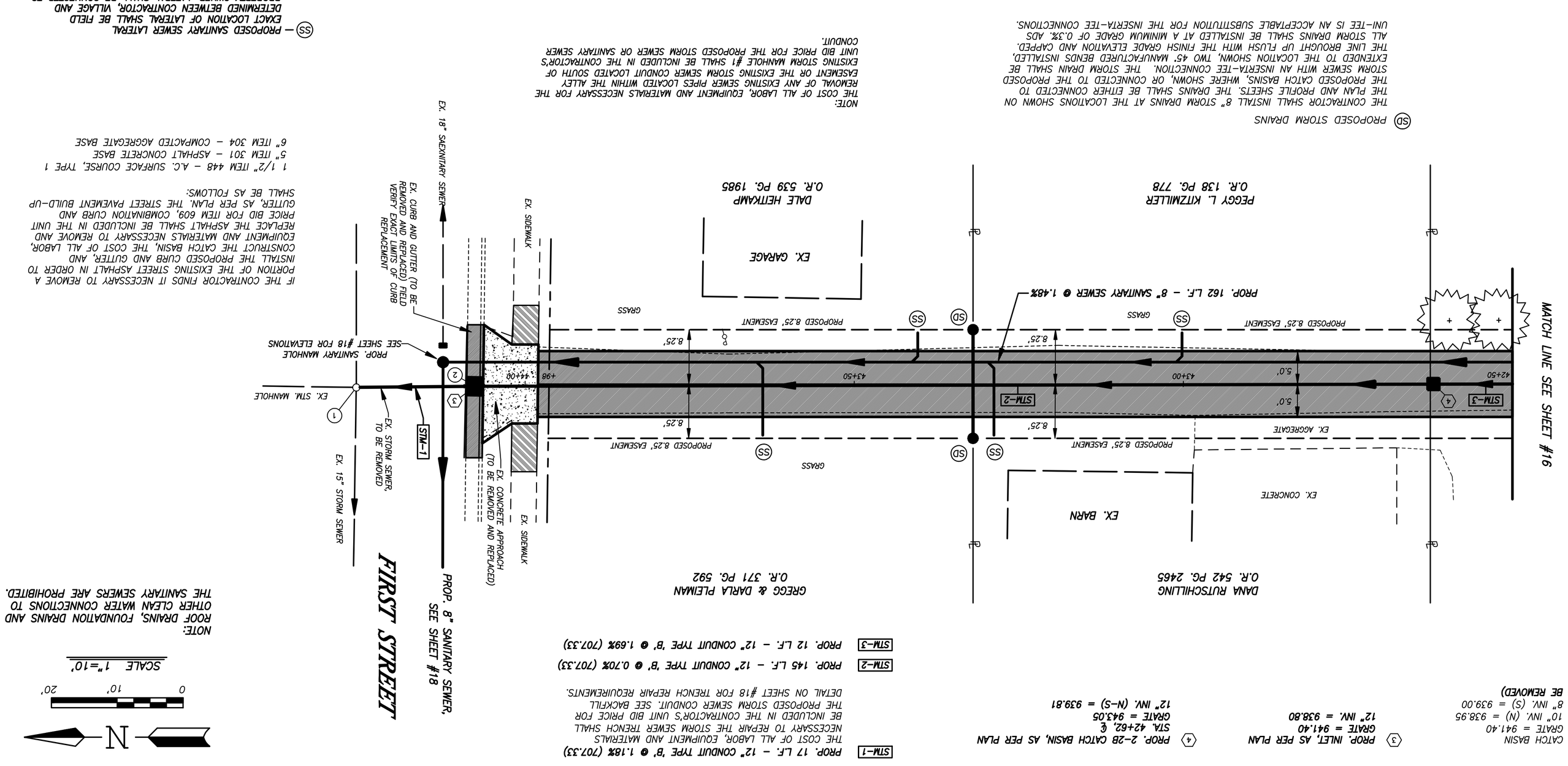
THE CONTRACTOR SHALL INSTALL 8" STORM DRAINS AT THE LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS. THE DRAINS SHALL BE EITHER CONNECTED TO THE PROPOSED CATCH BASINS, WHERE SHOWN, OR CONNECTED TO THE PROPOSED STORM SEWER WITH AN INSERTA-TEE CONNECTION. THE STORM DRAIN SHALL BE EXTENDED TO THE LOCATION SHOWN, TWO 45° MANUFACTURED ENDS INSTALLED, THE LINE BROUGHT UP FLUSH WITH THE FINISH GRADE ELEVATION AND CAPPED. ALL STORM DRAINS SHALL BE INSTALLED AT A MINIMUM GRADE OF 0.5%. ADS UNI-TEE IS AN ACCEPTABLE SUBSTITUTION FOR THE INSERTA-TEE CONNECTIONS.

NOTE:
THE COST OF ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE REMOVAL OF ANY EXISTING SEWER PIPES LOCATED WITHIN THE ALLEY EASEMENT OR THE EXISTING STORM SEWER CONDUIT LOCATED SOUTH OF EXISTING STORM MANHOLE #1 SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT BID PRICE FOR THE PROPOSED STORM SEWER OR SANITARY SEWER CONDUIT.

(SS) — PROPOSED SANITARY SEWER LATERAL
EXACT LOCATION OF LATERAL SHALL BE FIELD DETERMINED BETWEEN CONTRACTOR, VILLAGE AND PROPERTY OWNER. LATERAL SHALL BE CONNECTED TO EXISTING LATERAL OR CAPPED AT EASEMENT LINE.

(SD) — PROPOSED STORM SEWER LATERAL
EXACT LOCATION OF LATERAL SHALL BE FIELD DETERMINED BETWEEN CONTRACTOR, VILLAGE AND PROPERTY OWNER.

NOTE:
ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWERS ARE PROHIBITED.



IF THE CONTRACTOR FINDS IT NECESSARY TO REMOVE A PORTION OF THE EXISTING STREET ASPHALT IN ORDER TO INSTALL THE PROPOSED CURB AND GUTTER, AND CONSTRUCT THE CATCH BASIN, THE COST OF ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REMOVE AND REPLACE THE ASPHALT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 609, COMBINATION CURB AND GUTTER, AS PER PLAN. THE STREET PAVEMENT BUILD-UP SHALL BE AS FOLLOWS:

1 1/2" ITEM 448 - A.C. SURFACE COURSE, TYPE 1
5" ITEM 301 - ASPHALT CONCRETE BASE
6" ITEM 304 - COMPACTED AGGREGATE BASE

SCALE 1"=10'

0 10' 20'

N

STM-1 PROP. 17 L.F. - 12" CONDUIT TYPE 'B' @ 1.18% (707.33)
THE COST OF ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REPAIR THE STORM SEWER TRENCH SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT BID PRICE FOR THE PROPOSED STORM SEWER CONDUIT. SEE BACKFILL DETAIL ON SHEET #18 FOR TRENCH REPAIR REQUIREMENTS.

STM-2 PROP. 145 L.F. - 12" CONDUIT TYPE 'B' @ 0.70% (707.33)

STM-3 PROP. 12 L.F. - 12" CONDUIT TYPE 'B' @ 1.69% (707.33)

(1) EX. STORM MANHOLE
EX. TOP = 942.00
EX. 15" INV. (E-W) = 938.6
EX. 10" INV. (S) = 938.8
EX. 10" INV. (N) = 938.7
PROP. 12" INV. (S) = 938.6

(2) EX. CATCH BASIN
EX. GRATE = 941.40
EX. 8" INV. (S) = 939.00
(TO BE REMOVED)

(3) PROP. INLET, AS PER PLAN
GRATE = 941.40
12" INV. = 938.80

(4) PROP. 2-2B CATCH BASIN, AS PER PLAN
STA. 42+62, ℄
GRATE = 943.05
12" INV. (N-S) = 939.81