

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	N/A	DUPAGE	22	1
		ILLINOIS	CONTRACT NO.	

VILLAGE OF VILLA PARK, ILLINOIS

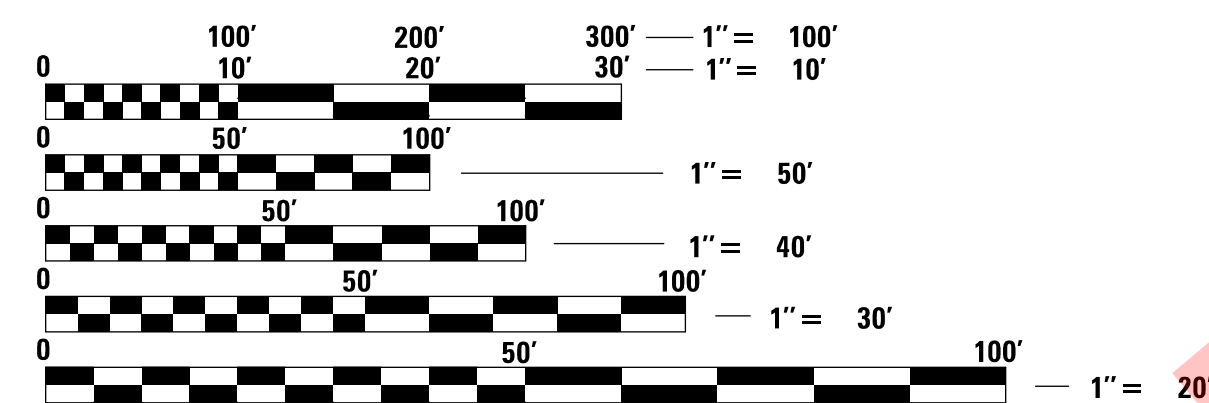
NORTH PRINCETON AVENUE IMPROVEMENTS

DUPAGE COUNTY, ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

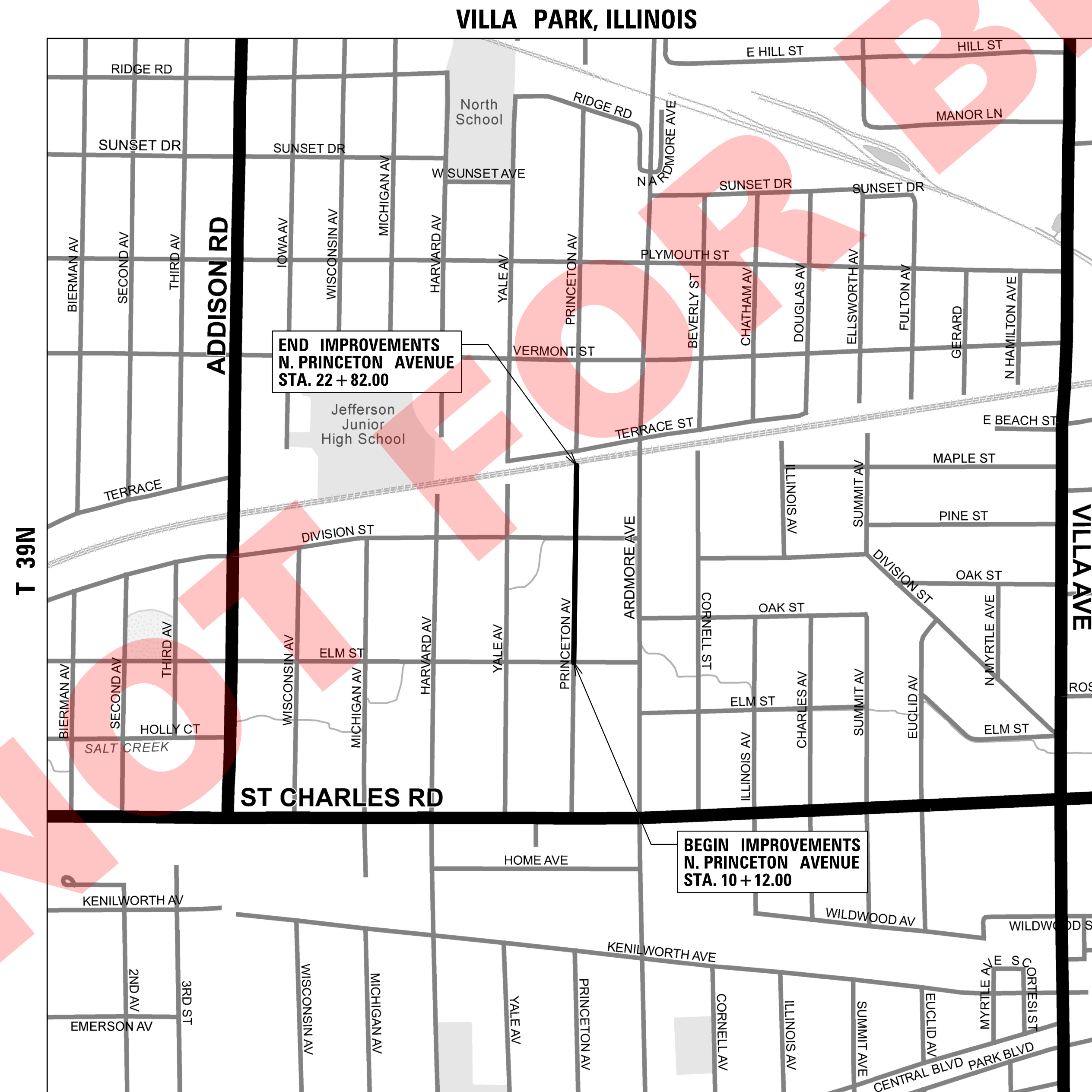
SCALES { PLAN 1" = 20'
PROFILE HORIZ. 1" = 20'
PROFILE VERT. 1" = 5'



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. CALL JULIE 811 WITH THE FOLLOWING:
COUNTY DUPAGE
CITY-TOWNSHIP VILLA PARK

48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS



R 11E
PROJECT LOCATION

GROSS LENGTH = 1270.00 FT. = 0.24 MILES
NET LENGTH = 1270.00 FT. = 0.24 MILES



ANDREW M. PUFUNDT
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Andrew Pufundt 2/12/2019
DATE

ANDREW M. PUFUNDT
ILLINOIS REGISTRATION No. 062-061729
EXPIRATION DATE: 11/30/19

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

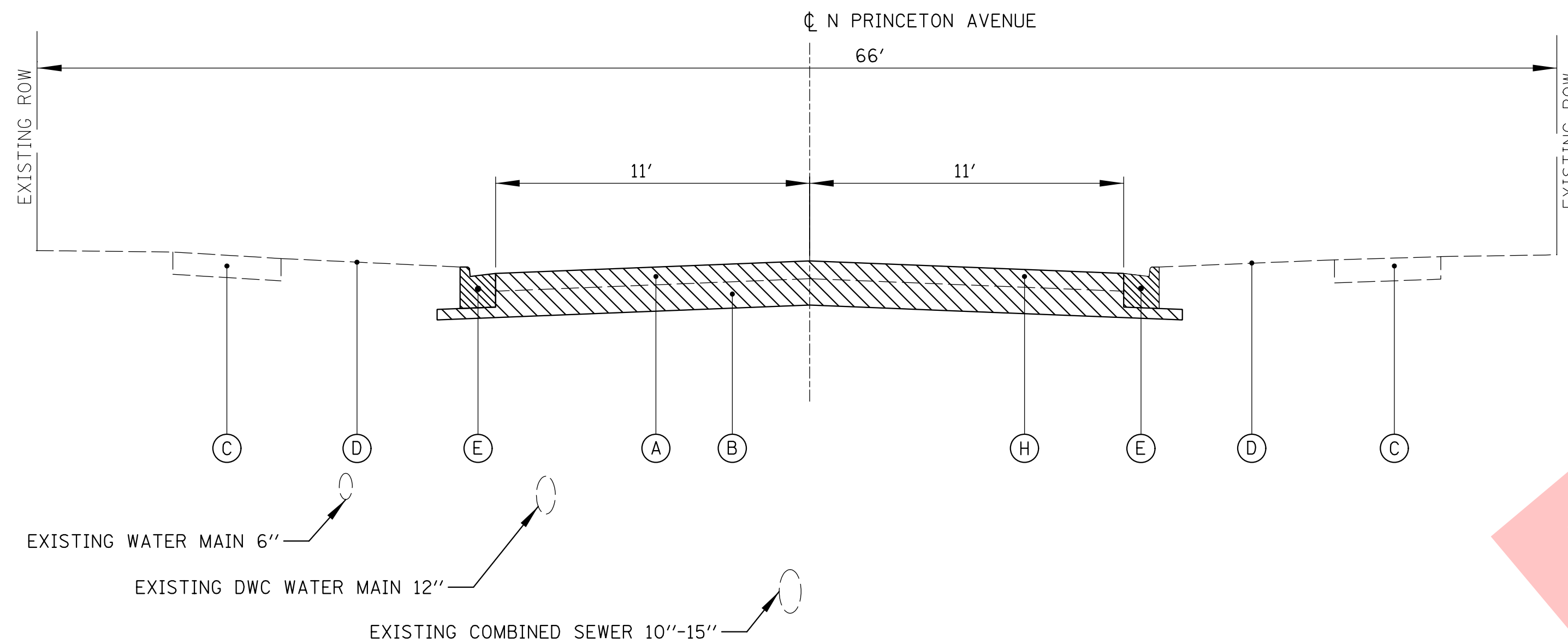
PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/19

SUMMARY OF QUANTITIES

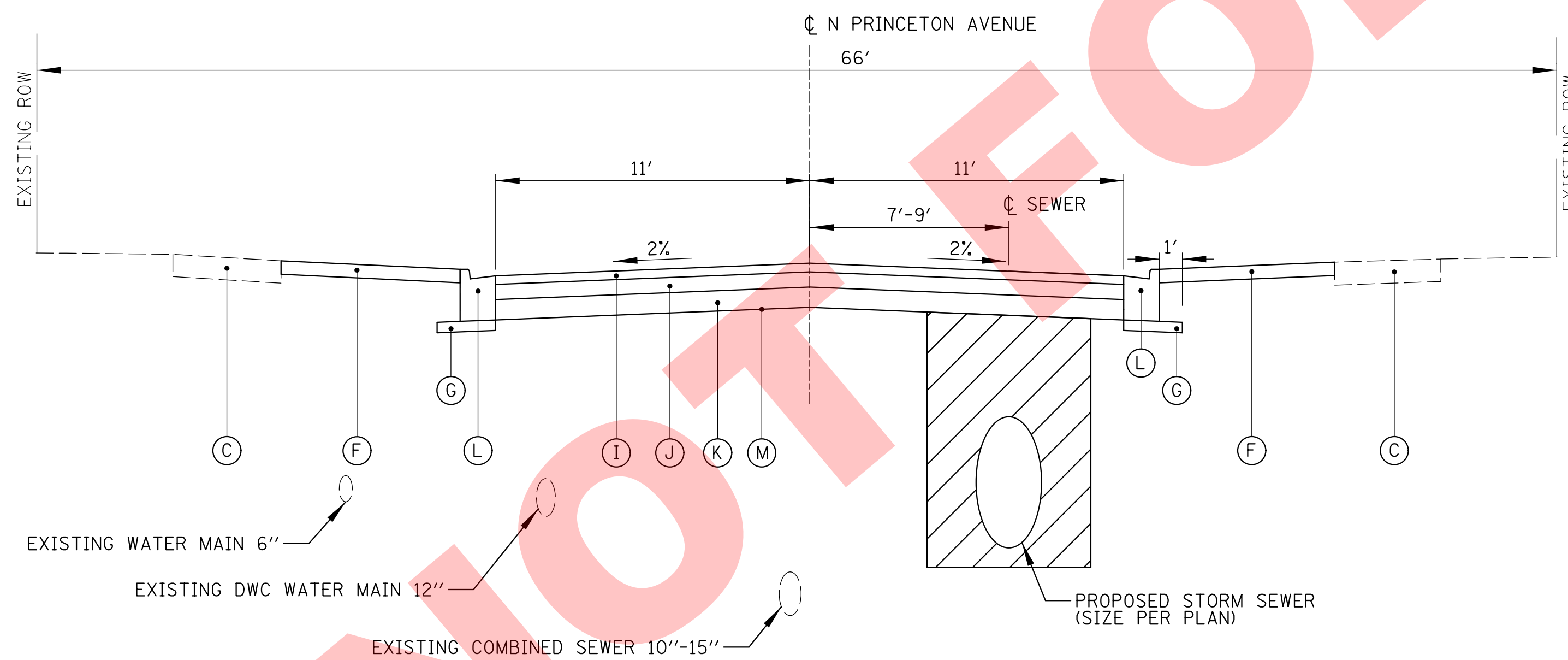
SP	ITEM NO.	PAY ITEM NAME	UNITS	QUANTITY
#	1	TREE TRUNK PROTECTION	EACH	37
#	2	TREE ROOT PRUNING	EACH	19
	3	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	350
	4	POROUS GRANULAR EMBANKMENT	CU YD	350
#	5	TRENCH BACKFILL	CU YD	502
	6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3491
	7	SUPPLEMENTAL WATERING	UNIT	147
#	8	INLET FILTERS	EACH	14
	9	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3491
#	10	BITUMINOUS MATERIALS (TACK COAT)	POUND	826
	11	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	822
	12	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	411
#	13	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	176
#	14	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5940
#	15	DETECTABLE WARNINGS	SQ FT	160
#	16	PAVEMENT REMOVAL	SQ YD	3491
#	17	DRIVEWAY PAVEMENT REMOVAL	SQ YD	586
#	18	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2607
#	19	SIDEWALK REMOVAL	SQ FT	5965
	20	STORM SEWER REMOVAL 8"	FOOT	126
	21	STORM SEWER REMOVAL 12"	FOOT	347
#	22	DUCTILE IRON WATER MAIN 6"	FOOT	34
#	23	DUCTILE IRON WATER MAIN 8"	FOOT	105
#	24	WATER VALVES 6"	EACH	3
#	25	WATER VALVES 8"	EACH	2
#	26	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	5
#	27	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	20
#	28	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	6
#	29	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	2
#	30	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
#	31	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
#	32	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2
#	33	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
	34	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44
#	35	VALVE BOX 6"	EACH	1
#	36	EXPLORATION TRENCH, SPECIAL	FOOT	60
#	37	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	25
#	38	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4
#	39	TEMPORARY ACCESS (ROAD)	EACH	5
#	40	WATER MAIN TO BE ABANDONED, 4"	FOOT	15

SP	ITEM NO.	PAY ITEM NAME	UNITS	QUANTITY
#	41	WATER MAIN TO BE ABANDONED, 6"	FOOT	100
#	42	WATER MAIN LINE STOP 4"	EACH	1
#	43	WATER MAIN LINE STOP 6"	EACH	1
#	44	ADJUSTING WATER SERVICE LINES	EACH	15
#	45	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
#	46	STRUCTURES TO BE REMOVED	EACH	5
#	47	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	383
#	48	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	84
#	49	CONSTRUCTION LAYOUT	L SUM	1
#	50	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	7
#	51	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
#	52	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	30
#	53	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	111
#	54	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	260
#	55	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS - DUCTILE IRON	FOOT	130
#	56	BRICK PAVER REMOVAL AND REPLACEMENT (SPECIAL)	LSUM	1
#	57	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12	FOOT	2658
#	58	CONTINGENCY ALLOWANCE	DOLLARS	25000
#	59	PARKWAY RESTORATION - SODDING	SQ YD	3394
#	60	POST-CONSTRUCTION SEWER TELEVISIONING	LSUM	1
#	61	PRE-CONSTRUCTION VIDEO RECORDING	LSUM	1
#	62	PROJECT SIGN	LSUM	1
#	63	SANITARY MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
#	64	SANITARY MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
#	65	SANITARY SERVICE CONNECTION	EACH	4
#	66	SANITARY SERVICE REPLACEMENT	FOOT	100
#	67	SANITARY SEWER SERVICE COMBINATION CLEANOUT CHECK VALVE	EACH	4
#	68	SHUTDOWN WATER MAIN CONNECTION	EACH	6
#	69	STORM SEWERS, CLASS B (PVC), 6"	FOOT	75
#	70	STORM SEWERS, RUBBER GASKET, CLASS A (RCP), 12"	FOOT	128
#	71	STORM SEWERS, RUBBER GASKET, CLASS A (RCP), 15"	FOOT	239
#	72	STORM SEWERS, RUBBER GASKET, CLASS A (RCP), 18"	FOOT	439
#	73	TREE PRUNING	EACH	19
#	74	WATER SERVICE CONNECTION (LONG), 1"	EACH	9
#	75	WATER SERVICE CONNECTION (LONG), GREATER THAN 1"	EACH	2
#	76	WATER SERVICE CONNECTION (SHORT), 1"	EACH	4
#	77	WATER SERVICE CONNECTION (SHORT), GREATER THAN 1"	EACH	1
#	78	WATER USAGE CREDIT	TGAL	100
#	79	WATER USAGE DEDUCTION	TGAL	100

INDICATES SPECIAL PROVISION



EXISTING TYPICAL SECTION
N. PRINCETON AVENUE
ELM STREET TO DIVISION STREET

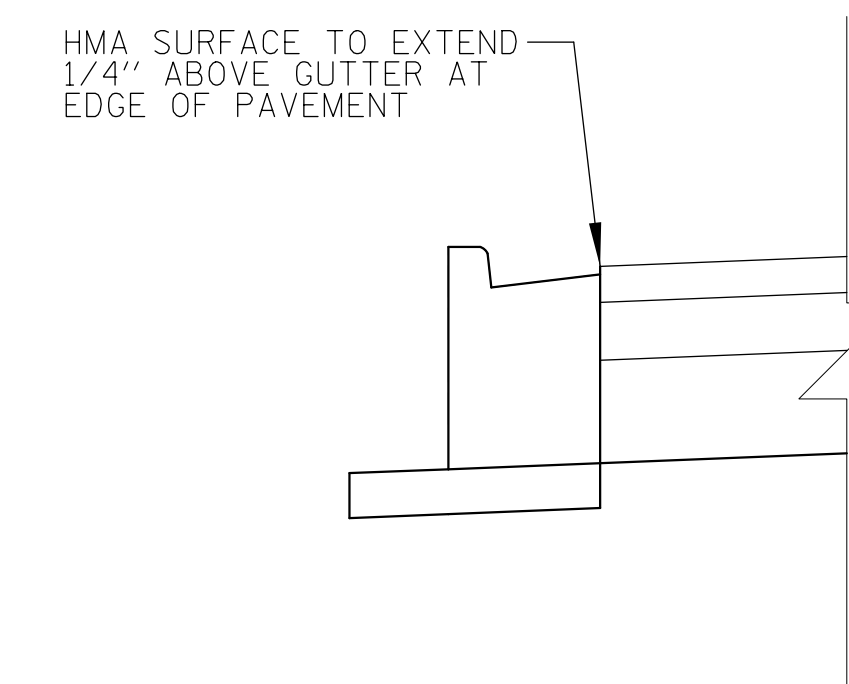


PROPOSED TYPICAL SECTION
N. PRINCETON AVENUE
ELM STREET TO DIVISION STREET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE ITEM	AIR VOIDS @ Ndes
ROADWAY PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR
DRIVEWAYS (RESIDENTIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 1.5"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"	4% @ 50 GYR
DRIVEWAYS (COMMERCIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR

- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP AND RAS" SEE DISTRICT ONE SPECIAL PROVISIONS.

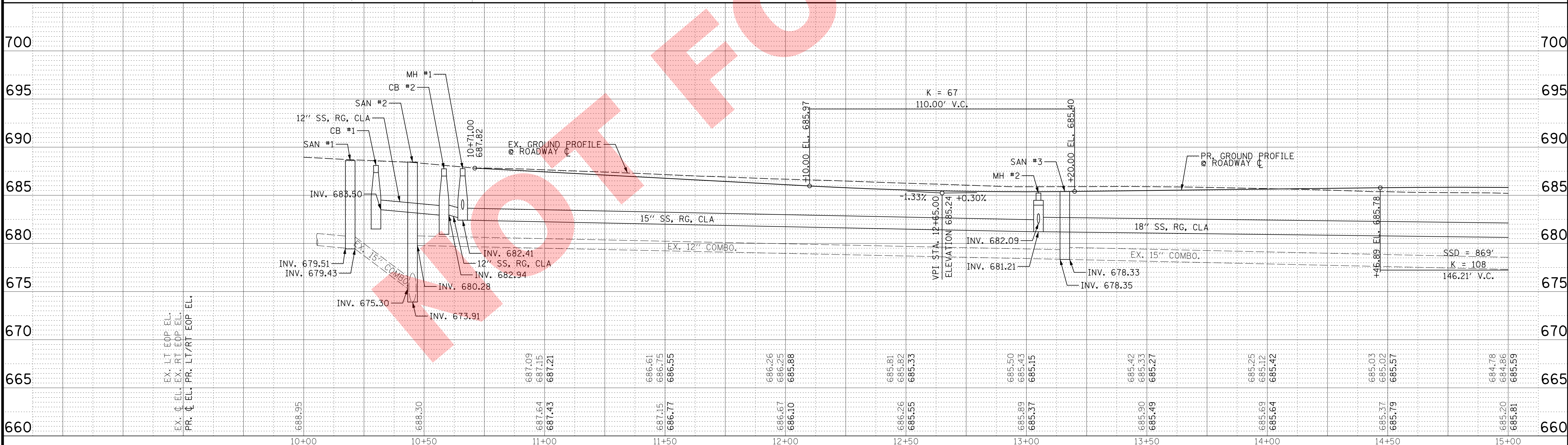
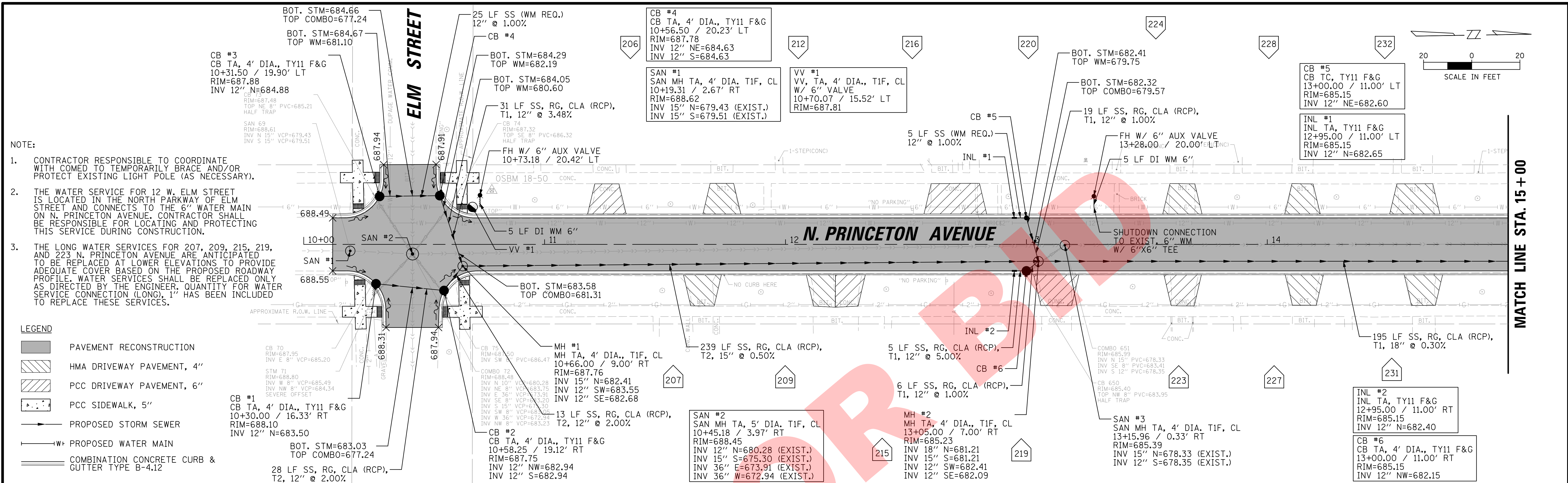
HMA SURFACE DETAIL



LEGEND:

- TRENCH BEDDING AND BACKFILL
- PAVEMENT REMOVAL
- (A) EXISTING HMA PAVEMENT (SEE PAVEMENT CORES FOR THICKNESS)
- (B) EXISTING PCC OR STONE SUBBASE (SEE PAVEMENT CORES FOR THICKNESS)
- (C) EXISTING CONCRETE SIDEWALK OR SIDEWALK REPLACEMENT (AS DIRECTED BY ENGINEER)
- (D) EXISTING TOPSOIL AND GROUND COVER
- (E) COMBINATION CURB AND GUTTER REMOVAL
- (F) SODDING
- (G) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER)
- (H) PAVEMENT REMOVAL
- (I) HMA SURFACE COURSE, MIX "D", N50, 2"
- (J) HMA BINDER COURSE, IL-19.0, N50 4"
- (K) AGGREGATE BASE COURSE, TYPE B, 6"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
- (M) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

- NOTES:
- PAVEMENT REMOVAL INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, EARTH, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLATION OF AGGREGATE BASE COURSE. ANY FILL REQUIRED TO ACHIEVE THE PROPER ELEVATION FOR BASE COURSE INSTALLATION SHALL BE SUITABLE EXCAVATED MATERIALS OR POROUS GRANULAR EMBANKMENT, AS DIRECTED BY THE ENGINEER.



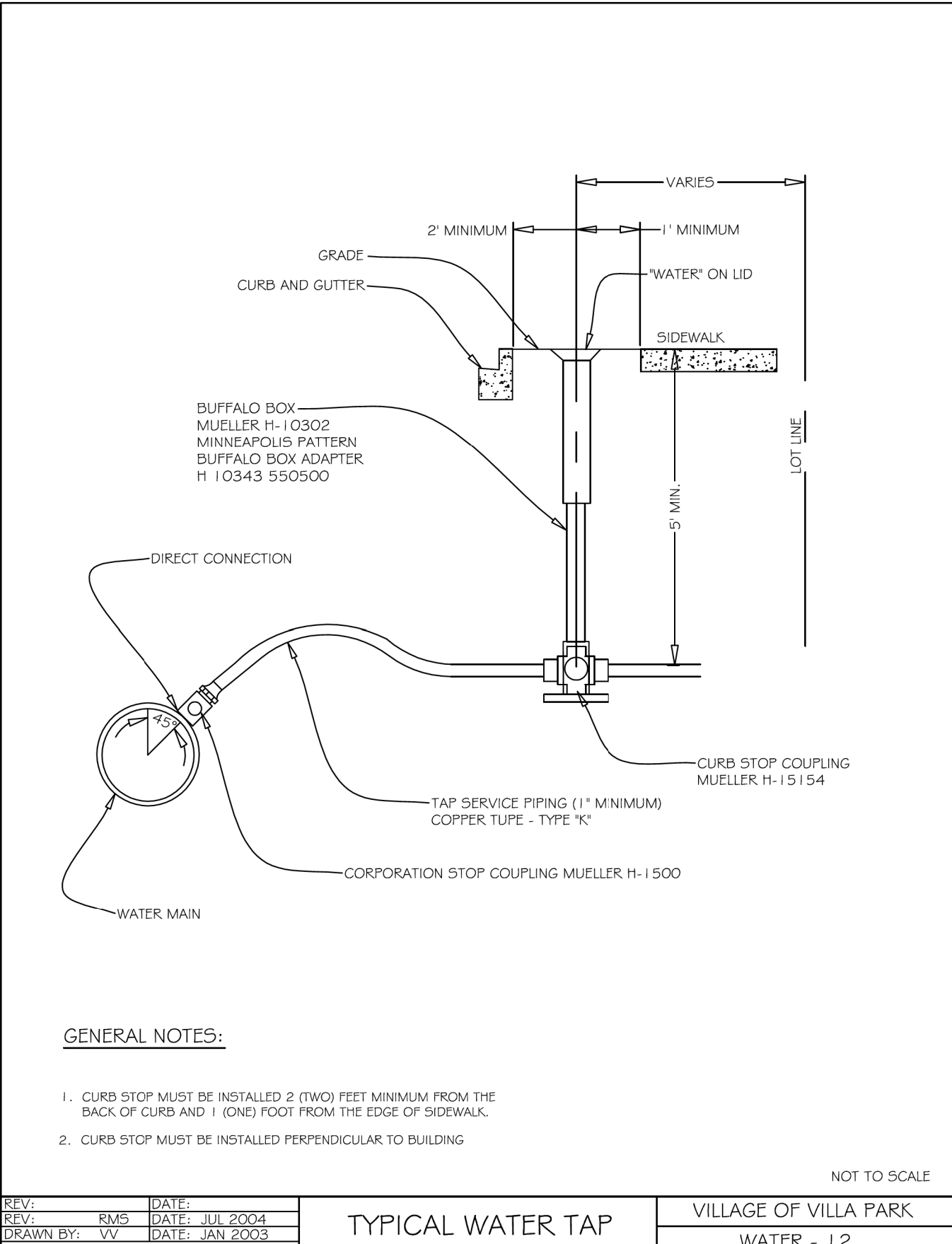
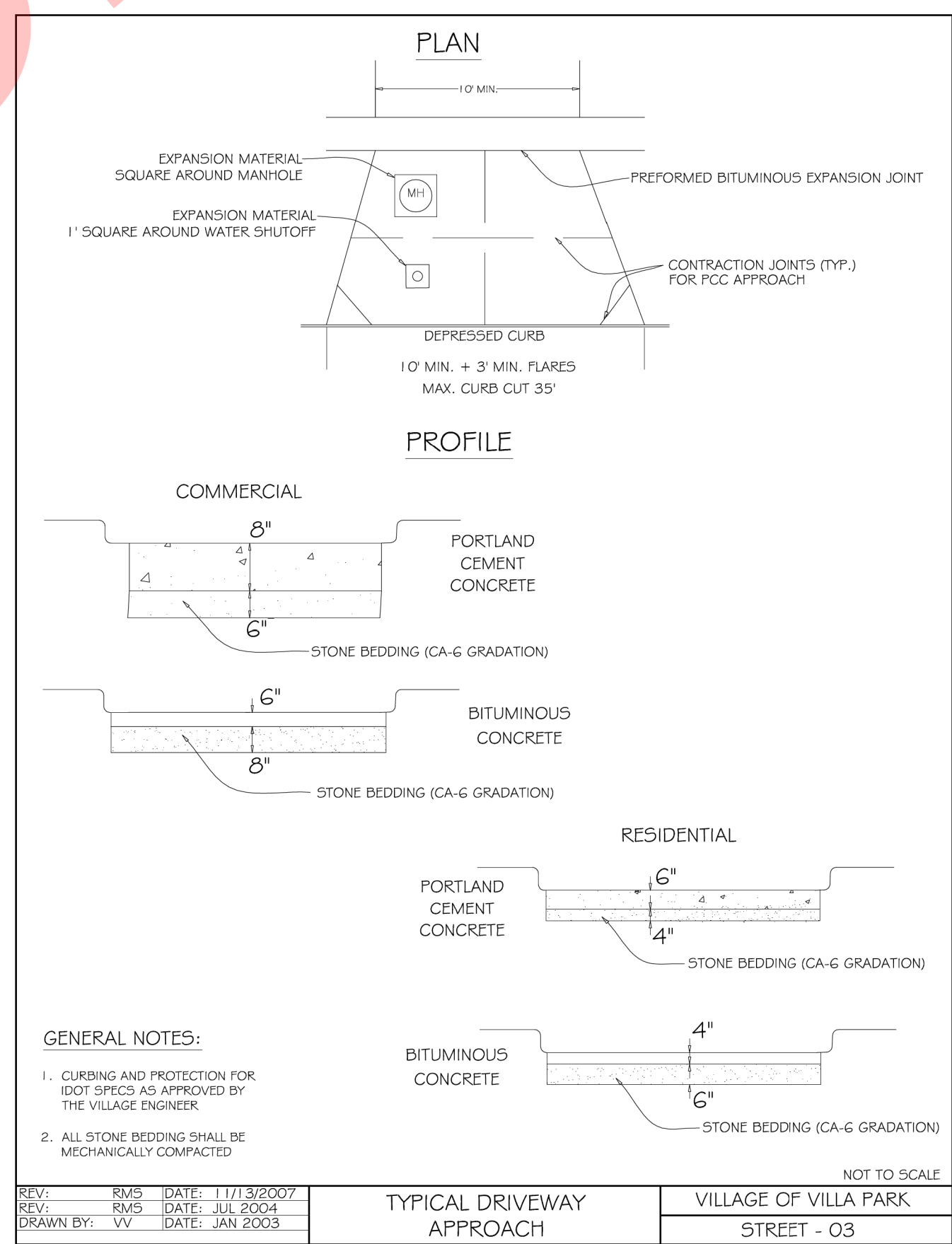
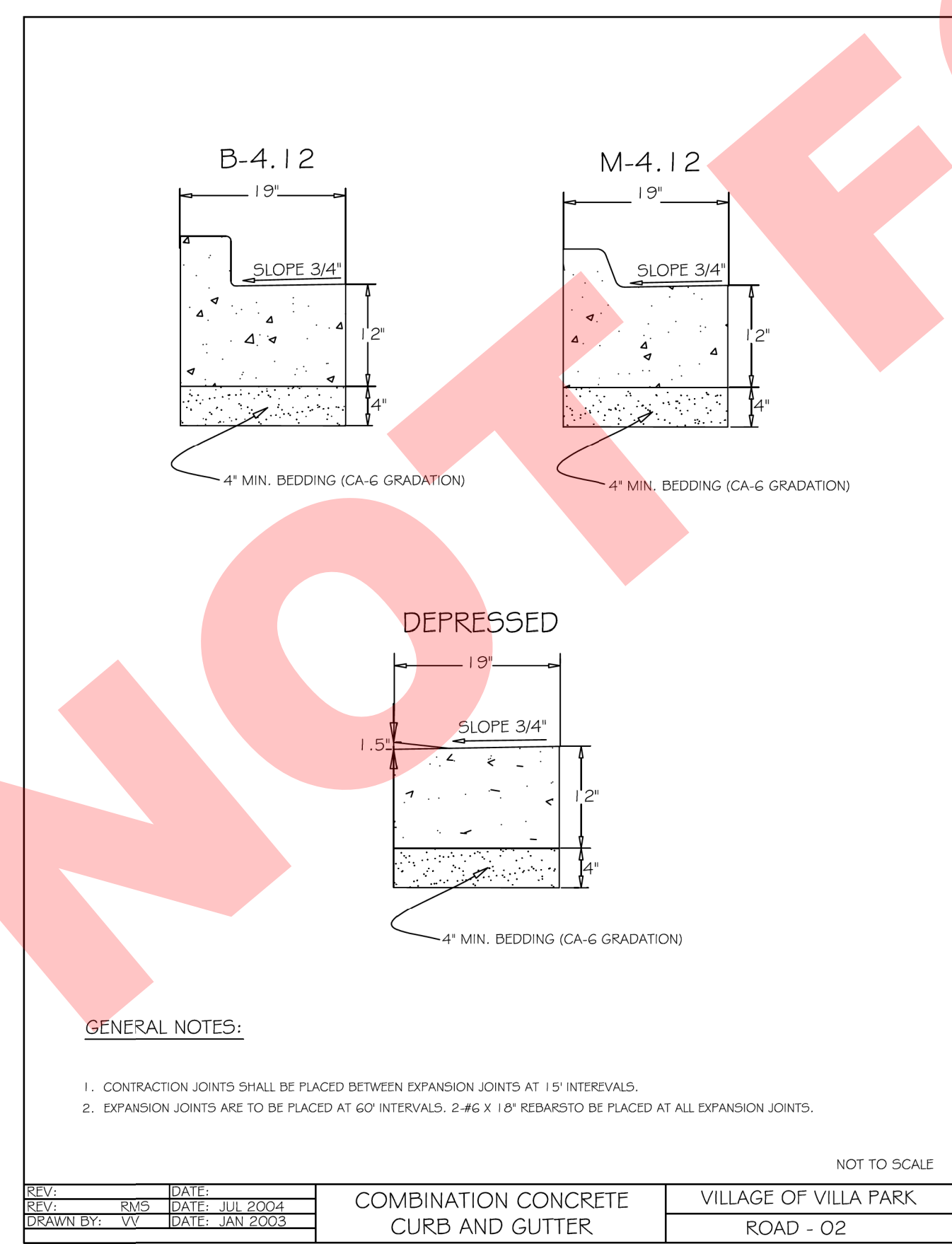
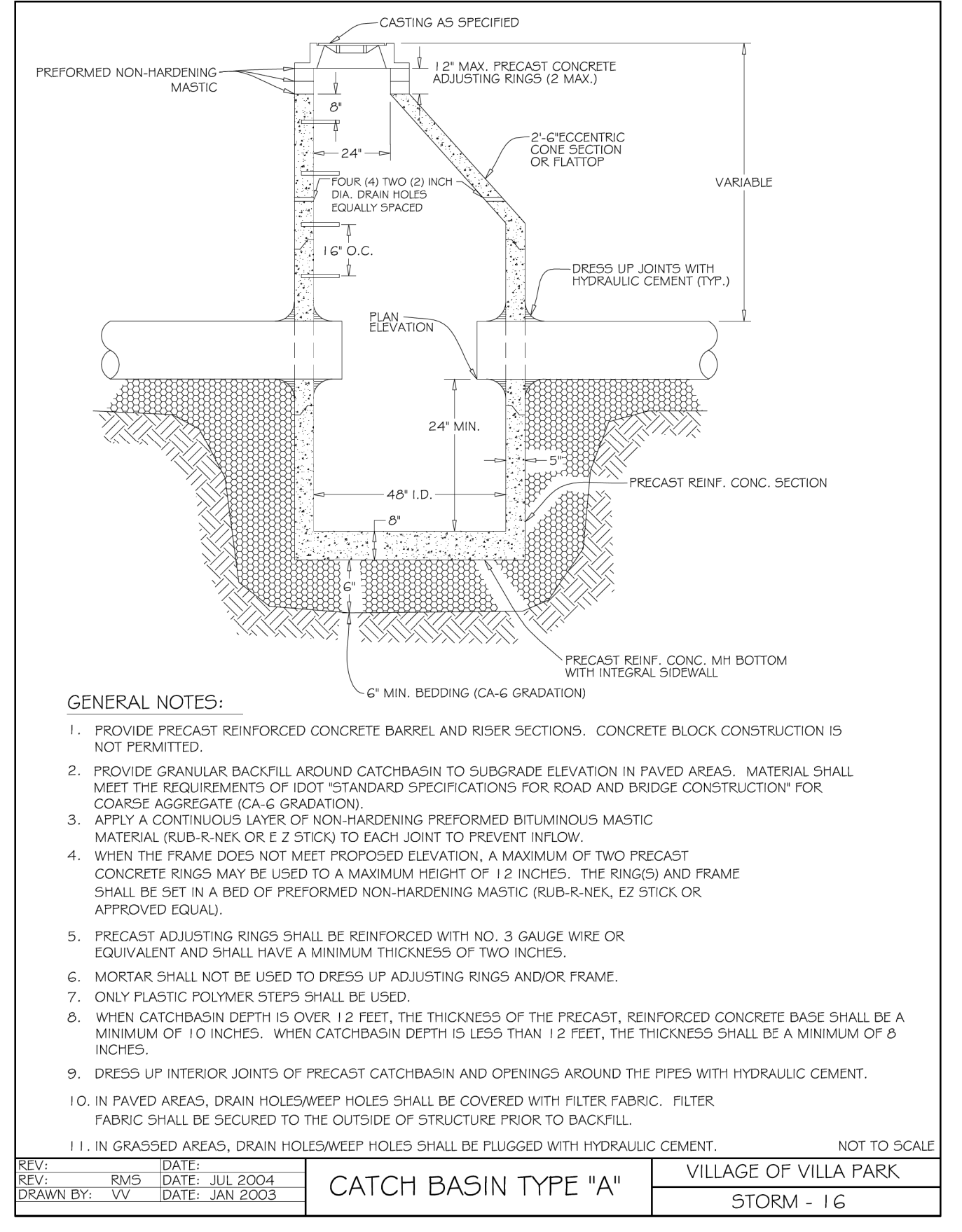
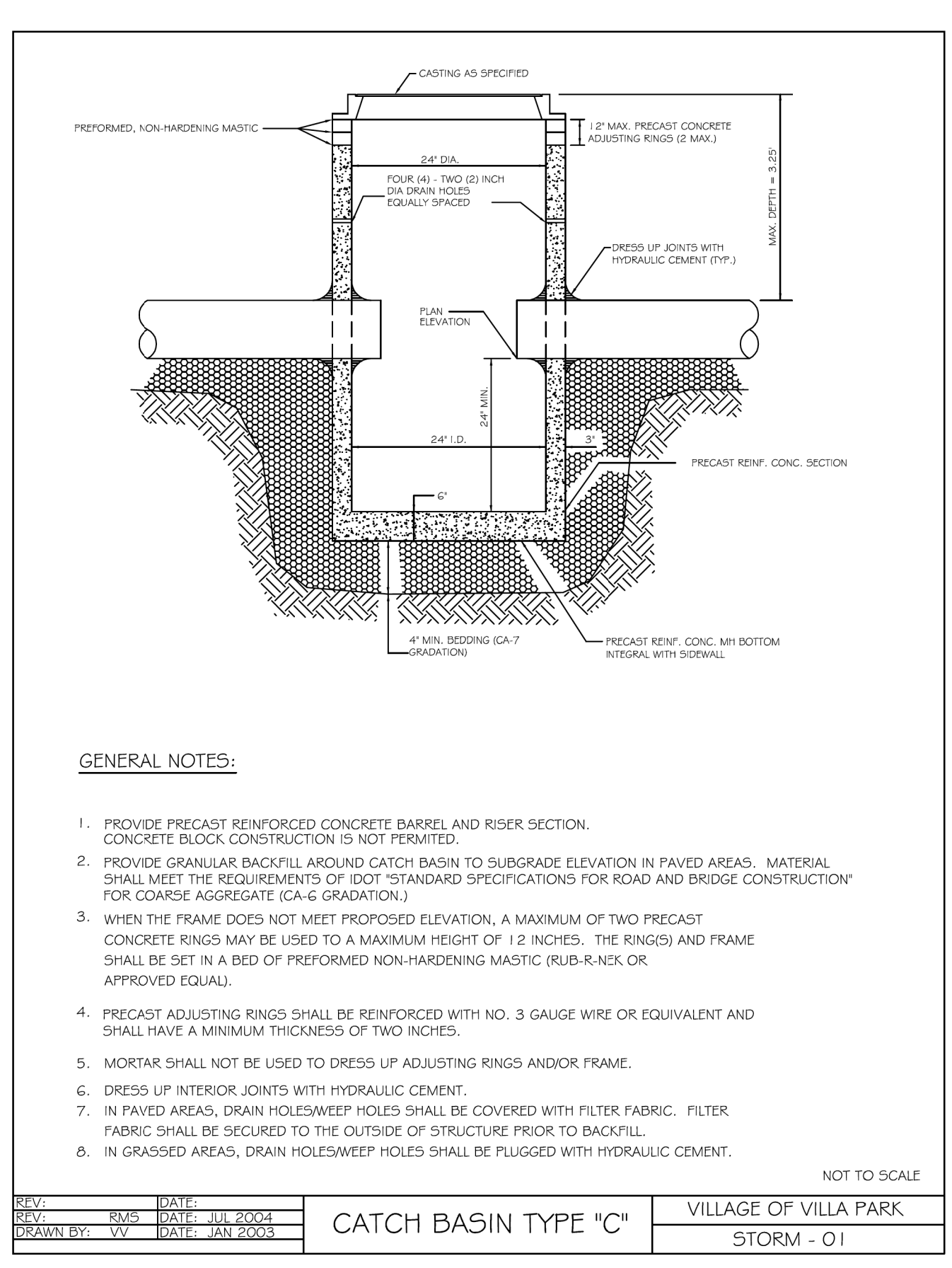
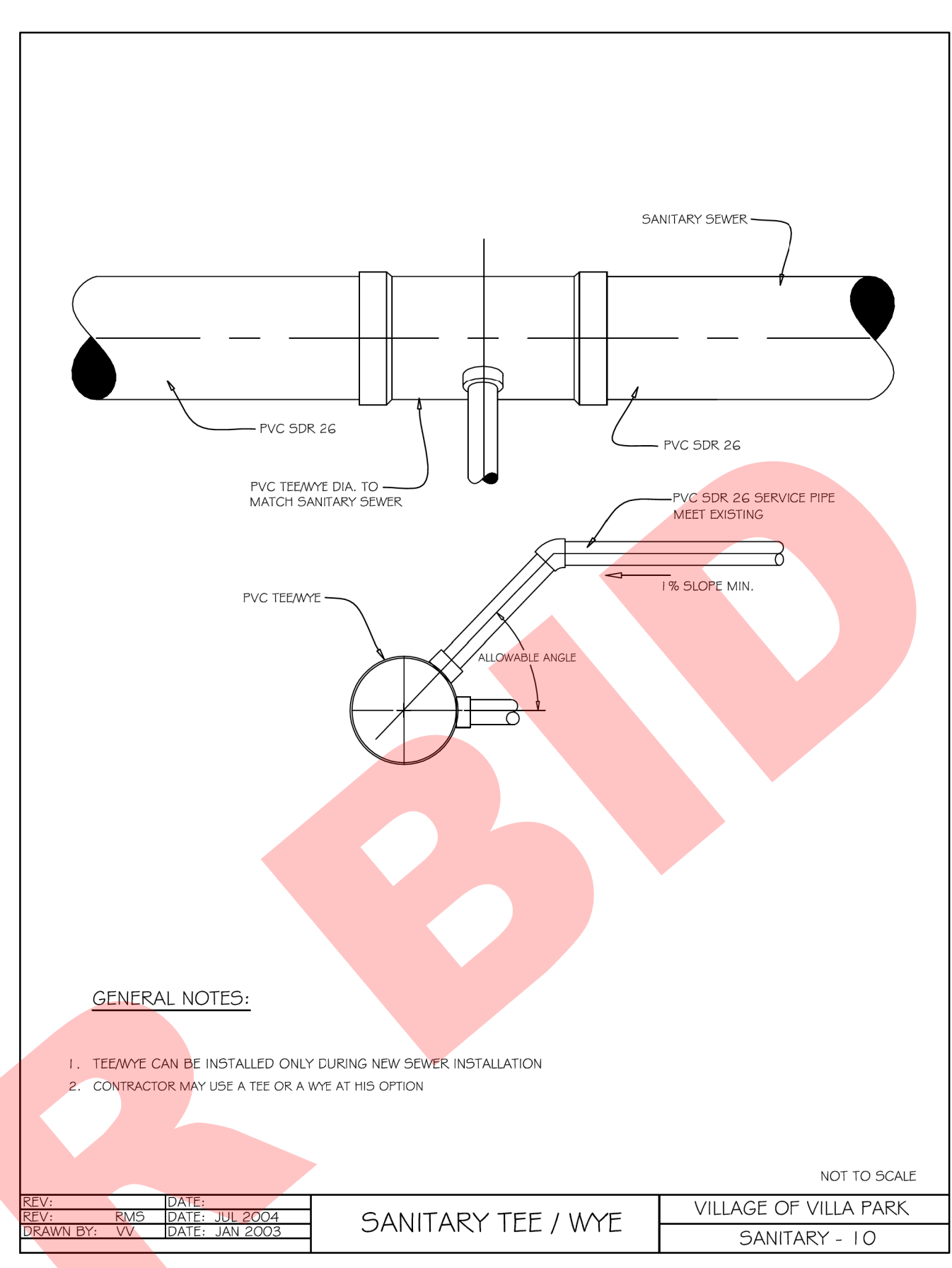
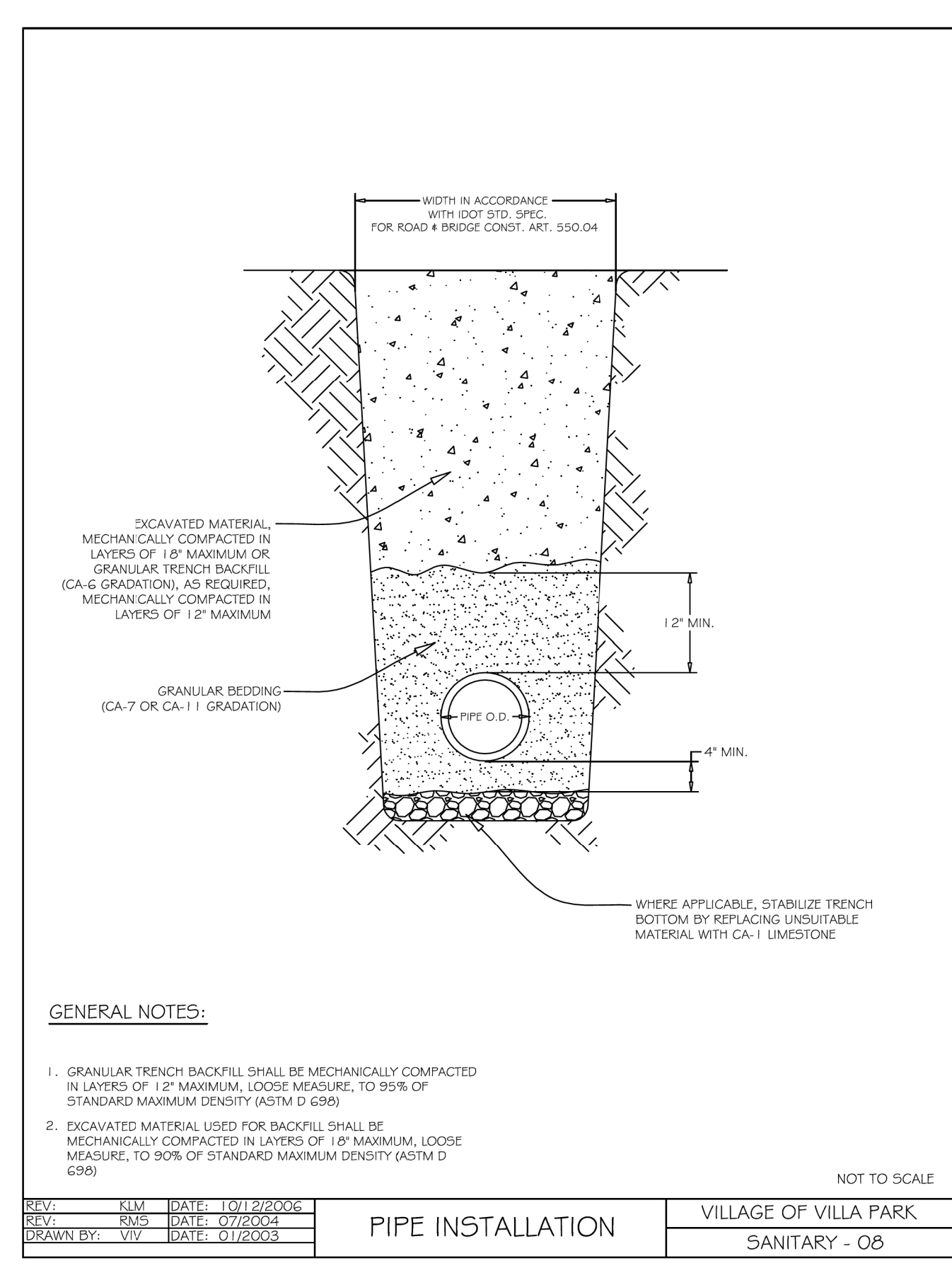
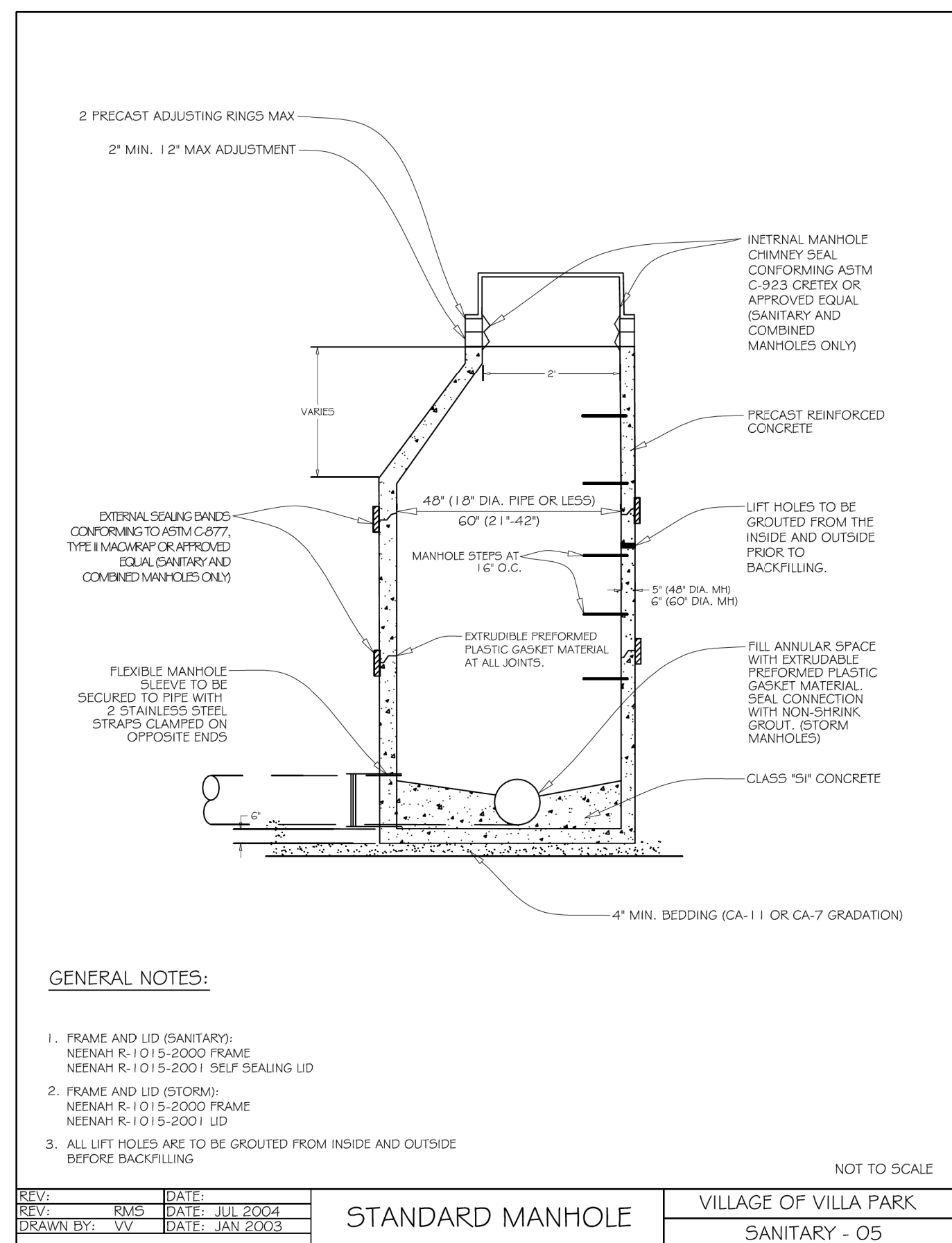
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

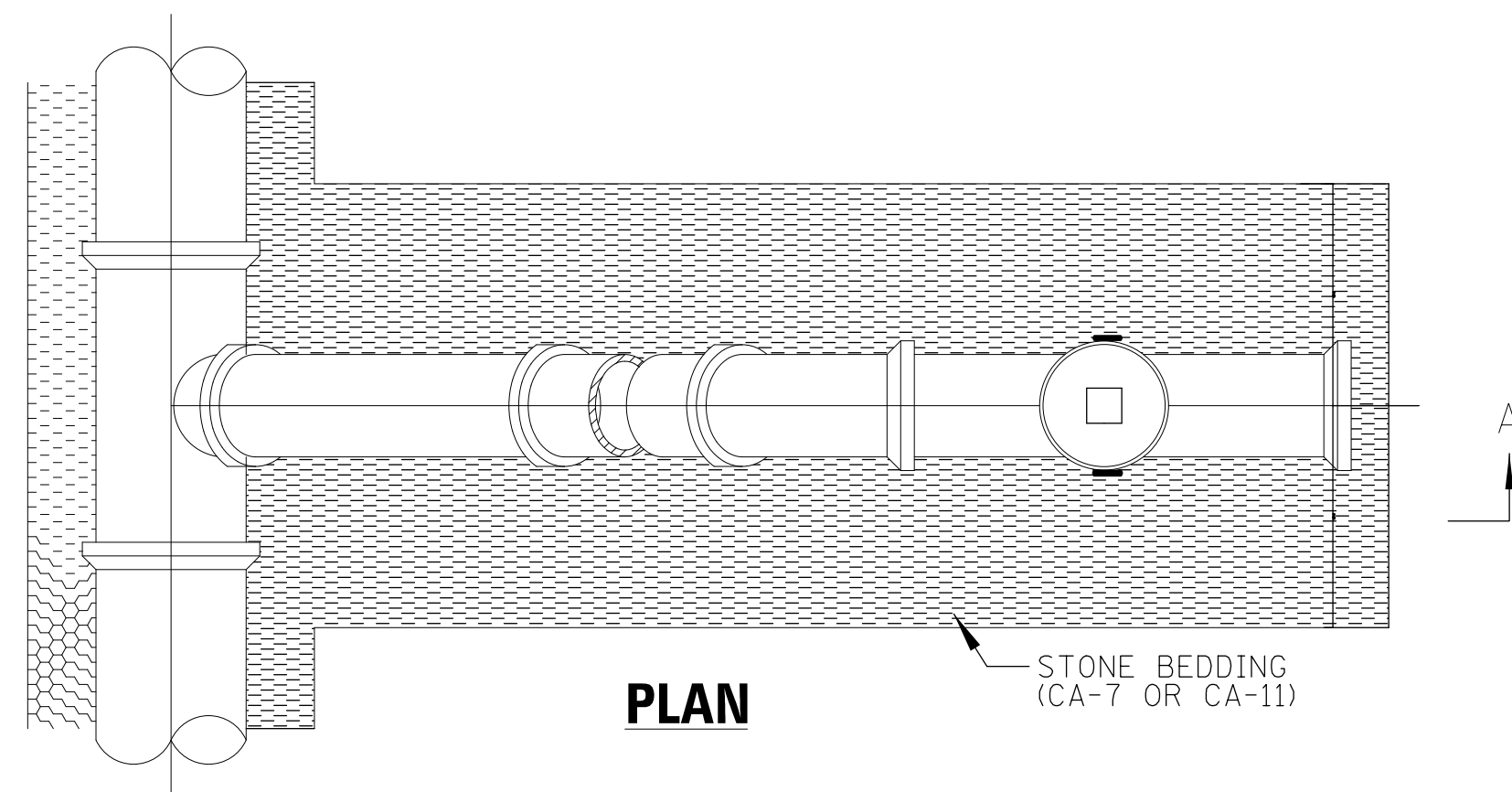
CLIENT:
VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:
**N. PRINCETON AVENUE IMPROVEMENTS
 UTILITY PLAN AND PROFILE**

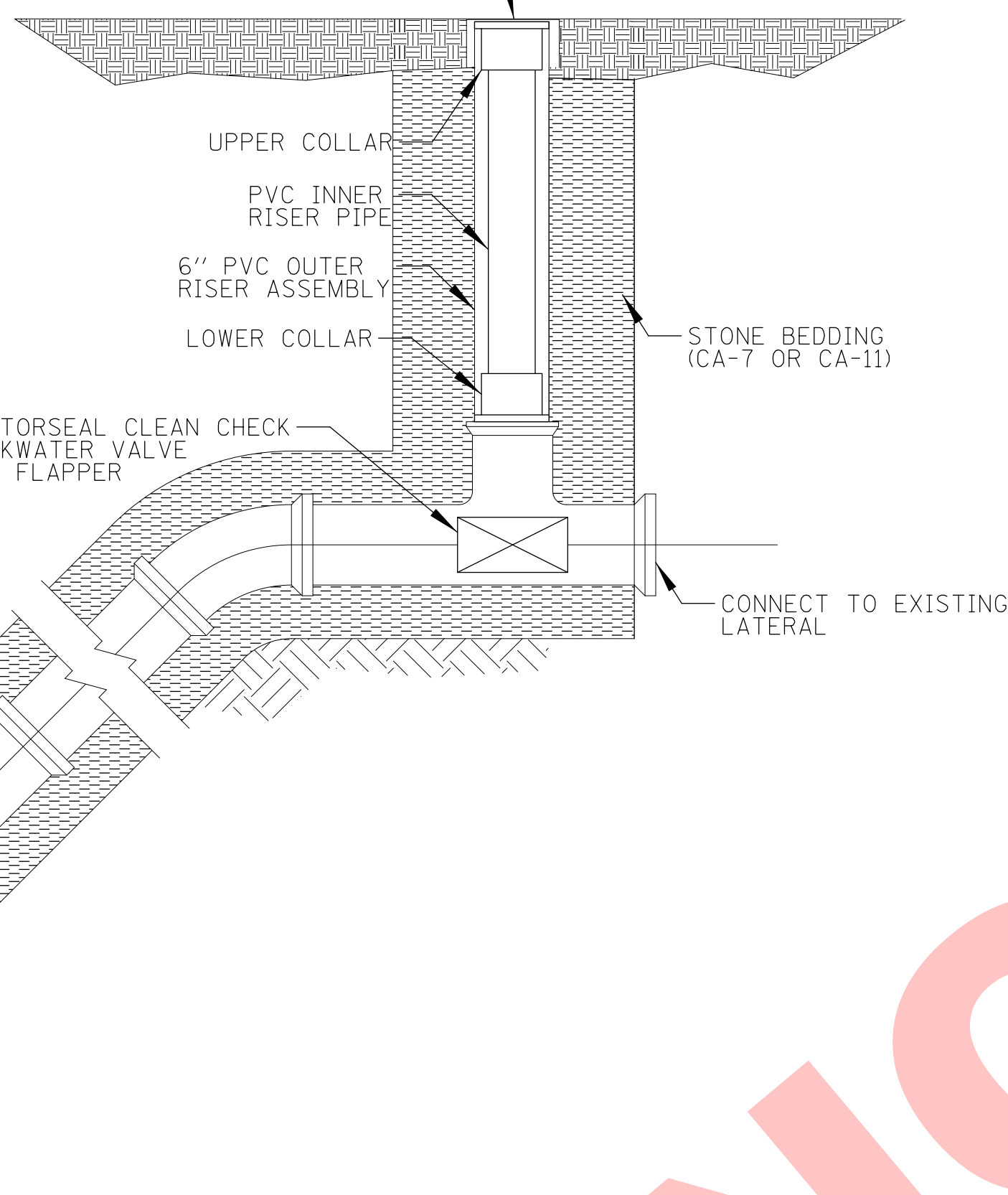
PROJ. NO. 140092.00012
 DATE: 2/12/2019
 SHEET 9 OF 22
 DRAWING NO. **9**





PLAN

THREADED COVER PLUG AT FINISHED GRADE. COVER PLUG IS TO BE AN RECTORSEAL CLEAN CHECK COVER (6").

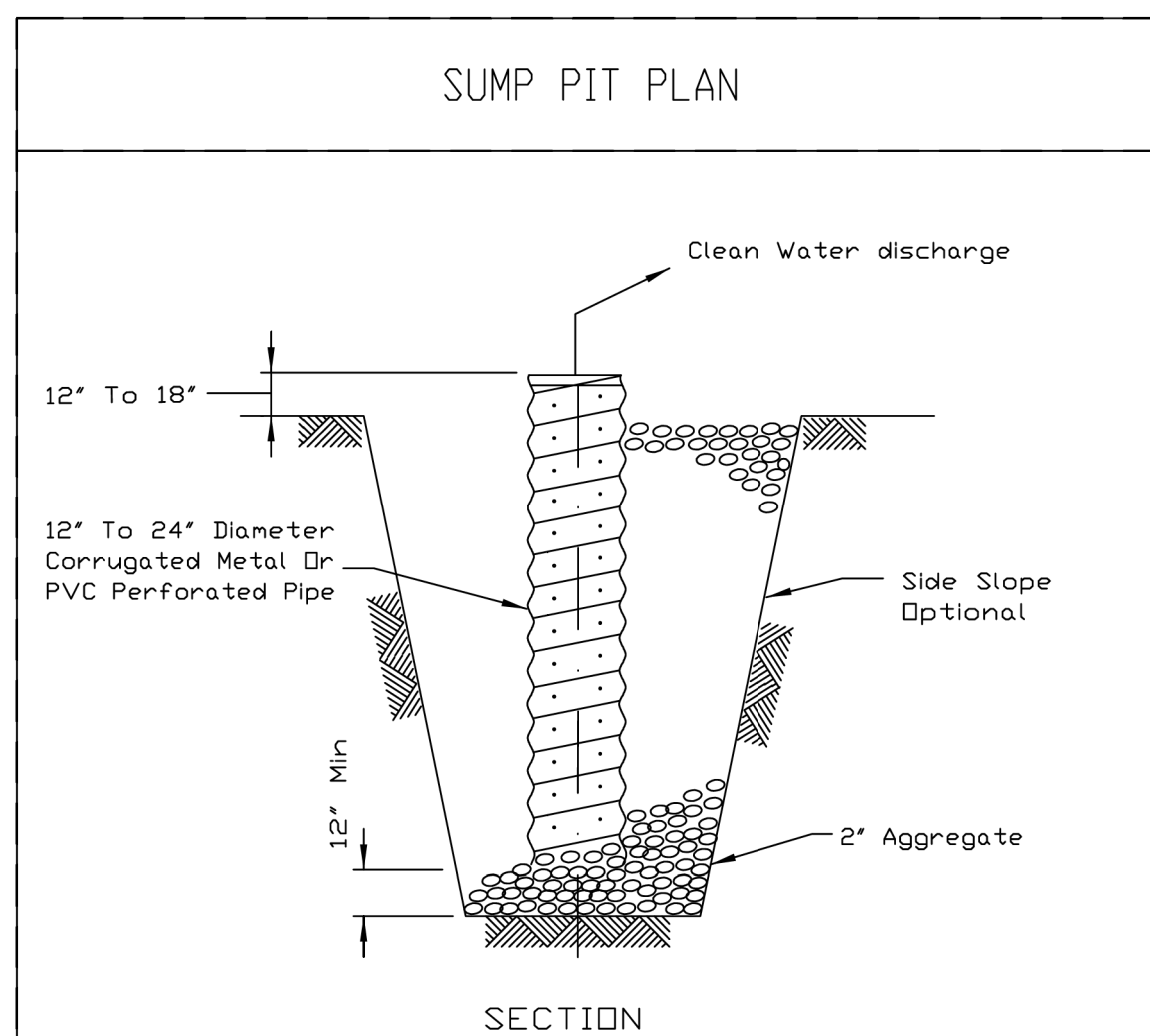


SECTION A-A

GENERAL NOTES:

- CLEANOUT-CHECK VALVE SHALL BE RECTORSEAL CLEAN CHECK BACKWATER VALVE, OR APPROVED EQUAL. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

COMBINATION CLEANOUT-CHECK VALVE



SECTION

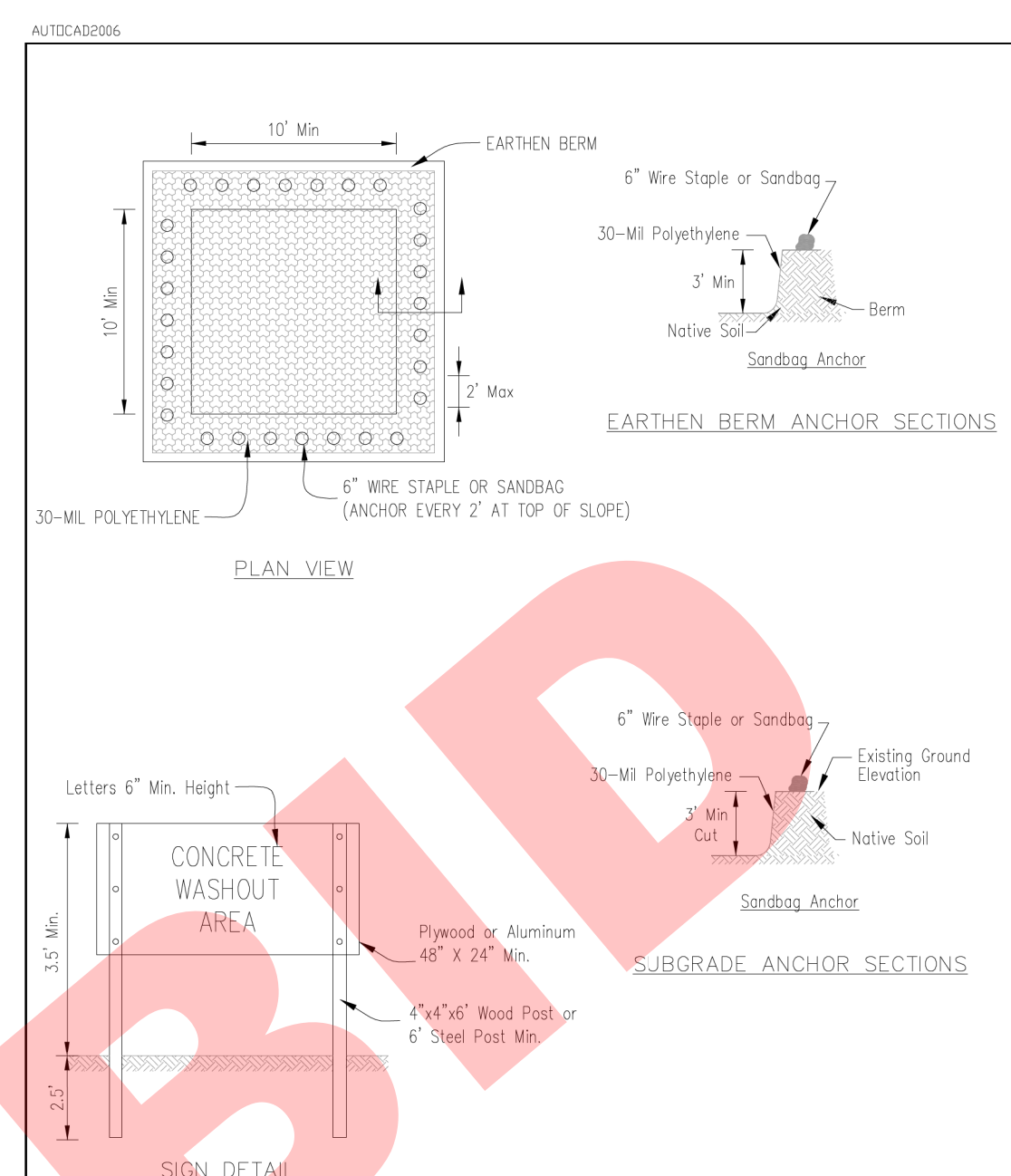
NOTES:

- Pit dimensions are optional.
- The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
- A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
- The standpipe will extend 12" to 18" above the lip of the pit.
- If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
- If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

Project	Date	Designed	Date	Checked	Date	Approved	Date



STANDARD DWG. NO. IL-650
SHEET 1 OF 1
DATE 8-11-94



PLAN VIEW

EARTHEN BERM ANCHOR SECTIONS

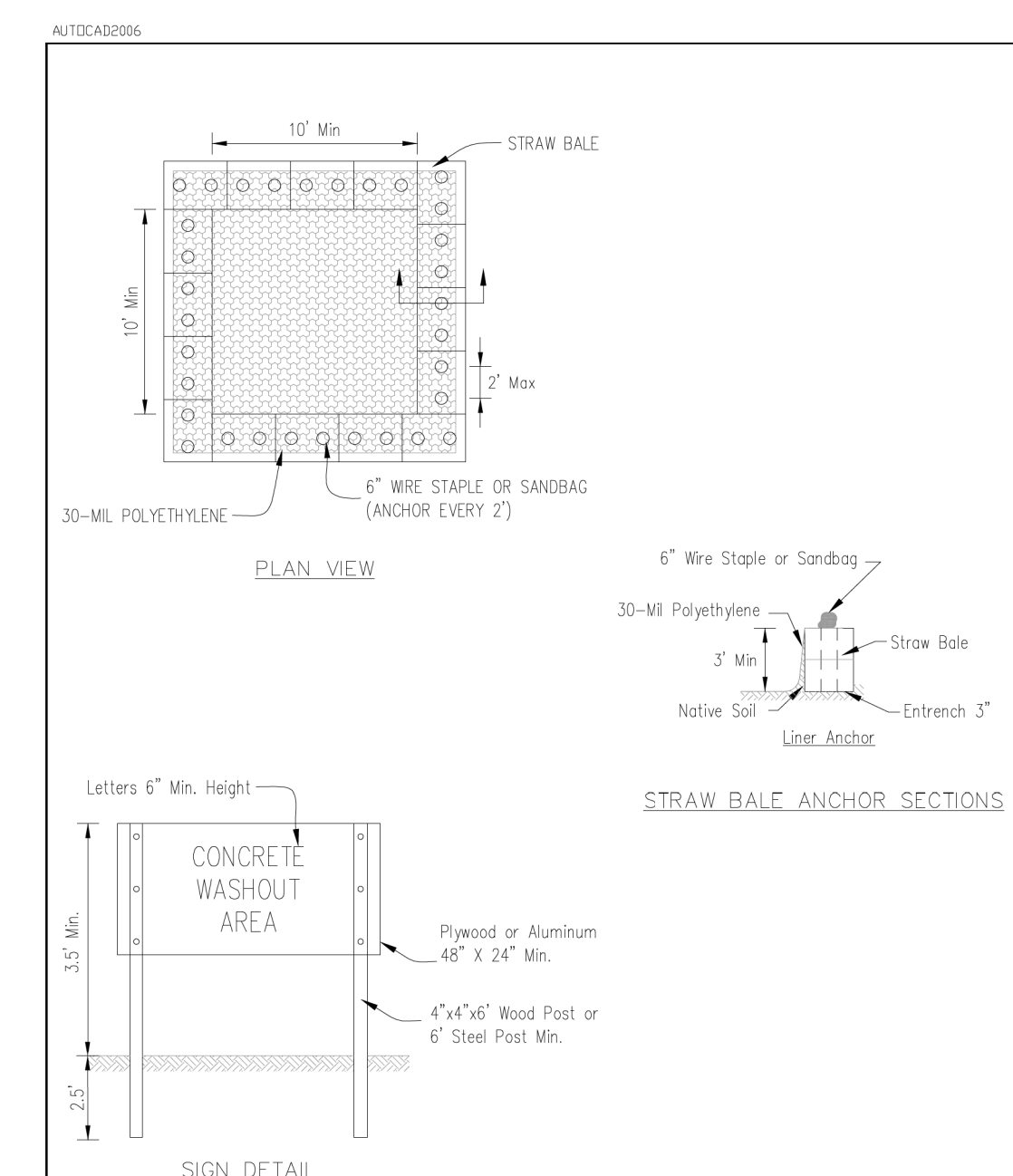
SIGN DETAIL

NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Project	Date	Designed	Date	Checked	Date	Approved	Date

TEMPORARY CONCRETE WASHOUT FACILITY - EARTHEN TYPE



PLAN VIEW

STRAW BALE ANCHOR SECTIONS

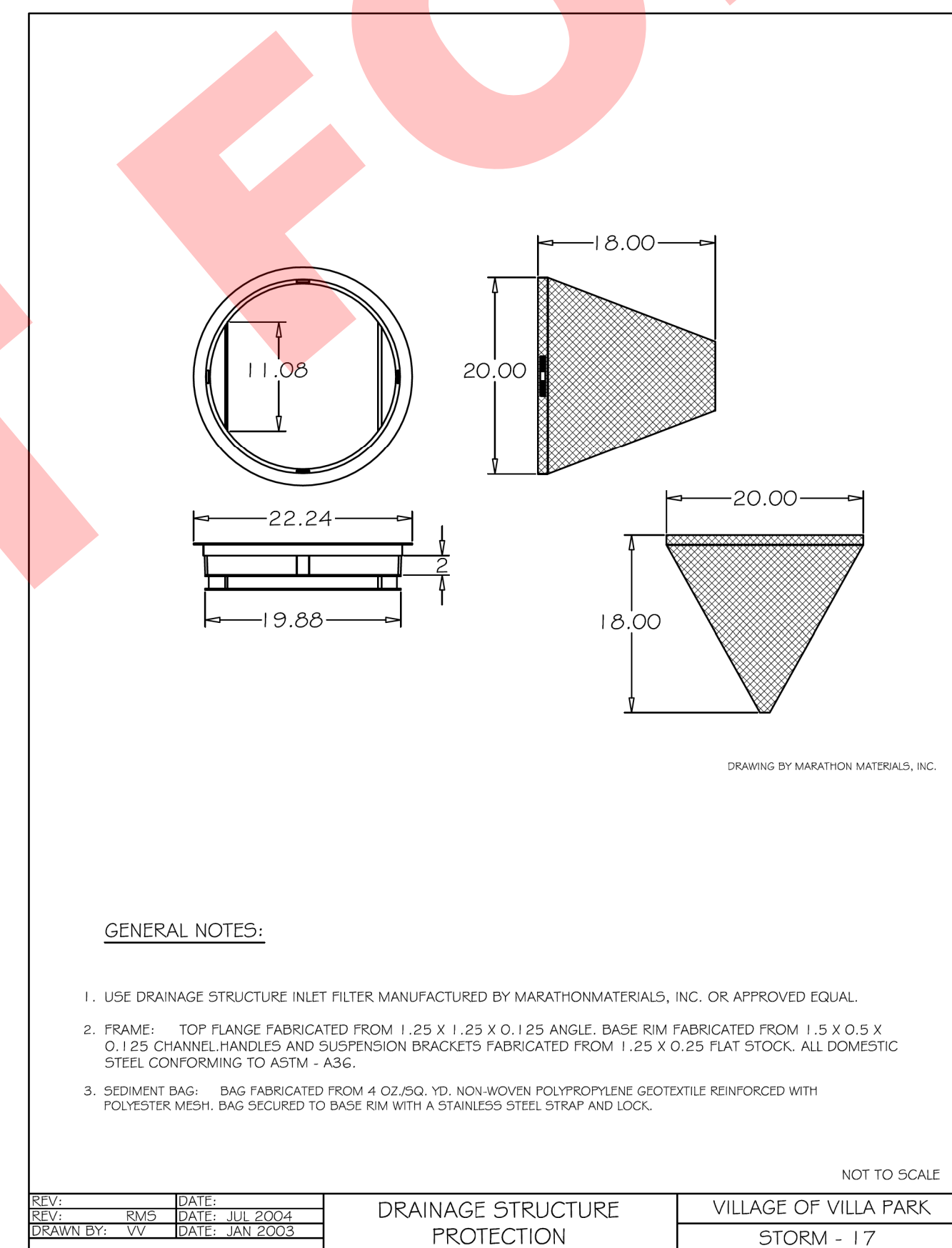
SIGN DETAIL

NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
- Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

Project	Date	Designed	Date	Checked	Date	Approved	Date

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE



GENERAL NOTES:

- USE DRAINAGE STRUCTURE INLET FILTER MANUFACTURED BY MARATHONMATERIALS, INC. OR APPROVED EQUAL.
- FRAME: TOP FLANGE FABRICATED FROM 1.25 X 1.25 X 0.125 ANGLE. BASE RIM FABRICATED FROM 1.5 X 0.5 X 0.125 CHANNEL HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1.25 X 0.25 FLAT STOCK. ALL DOMESTIC STEEL CONFORMING TO ASTM - A36.
- SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ. YD. NON WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL STRAP AND LOCK.

REV.	DATE	BY	DATE	BY	DATE

DRAINAGE STRUCTURE PROTECTION VILLAGE OF VILLA PARK STORM - 17

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

- SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL CONTROLS MAY BE REQUIRED AS DIRECTED BY THE VILLAGE, OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
- THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.
- DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
- SEDIMENT CONTROL BMPs SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVELED ROADS, RUMBLE STRIPS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED

ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.

- STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER SEDIMENT BARRIER MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE.
- ALL PROPOSED AND EXISTING STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.
- STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:
 - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.
- THE VILLAGE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILLINOIS NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT: **VILLAGE OF VILLA PARK**
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

NO.	DATE	NATURE OF REVISION	CHKD.

TITLE: **N. PRINCETON AVENUE IMPROVEMENTS CONSTRUCTION DETAILS**

PROJECT NO. 140092.00012
DATE: 2/12/2019
SHEET 14 OF 22
DRAWING NO. 14

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT



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CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



CLIENT: **Village of Villa Park**
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

DSGN: **AJS**
 DWN: **AJS**
 CHKD: **AMP**
 SCALE: **HORZ. 5**
 VERT. **2**
 PLOT DATE: **2/12/2019**
 CAD USER: **aschaefer**
 MODEL: **Default**

TITLE: **N. PRINCETON AVENUE**
STA. 10 + 71.00 - STA. 11 + 73.61
CROSS SECTIONS

PROJ. NO. 140092.00012
 DATE: 2/12/2019
 SHEET 15 OF 22
 DRAWING NO.

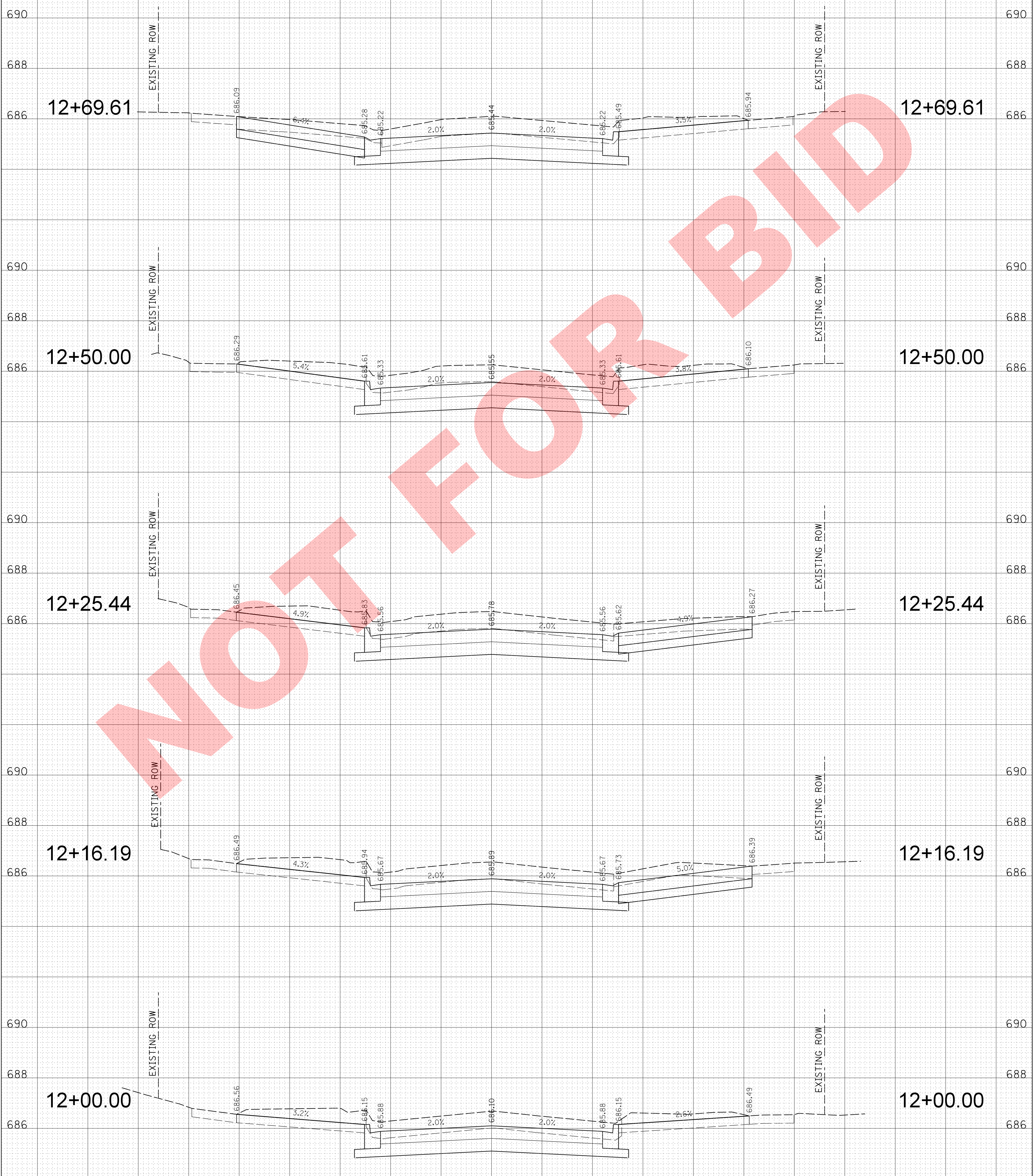
XS1

NO.	DATE	BY	CHKD	DESC

NO.	DATE	BY	CHKD	DESC

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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Rosemont, Illinois 60018
(847) 823-0500



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	2/12/2019
CAD USER:	aschaefer
MODEL:	Default

TITLE:
N. PRINCETON AVENUE
STA. 12 + 00.00 - STA. 12 + 69.61
CROSS SECTIONS

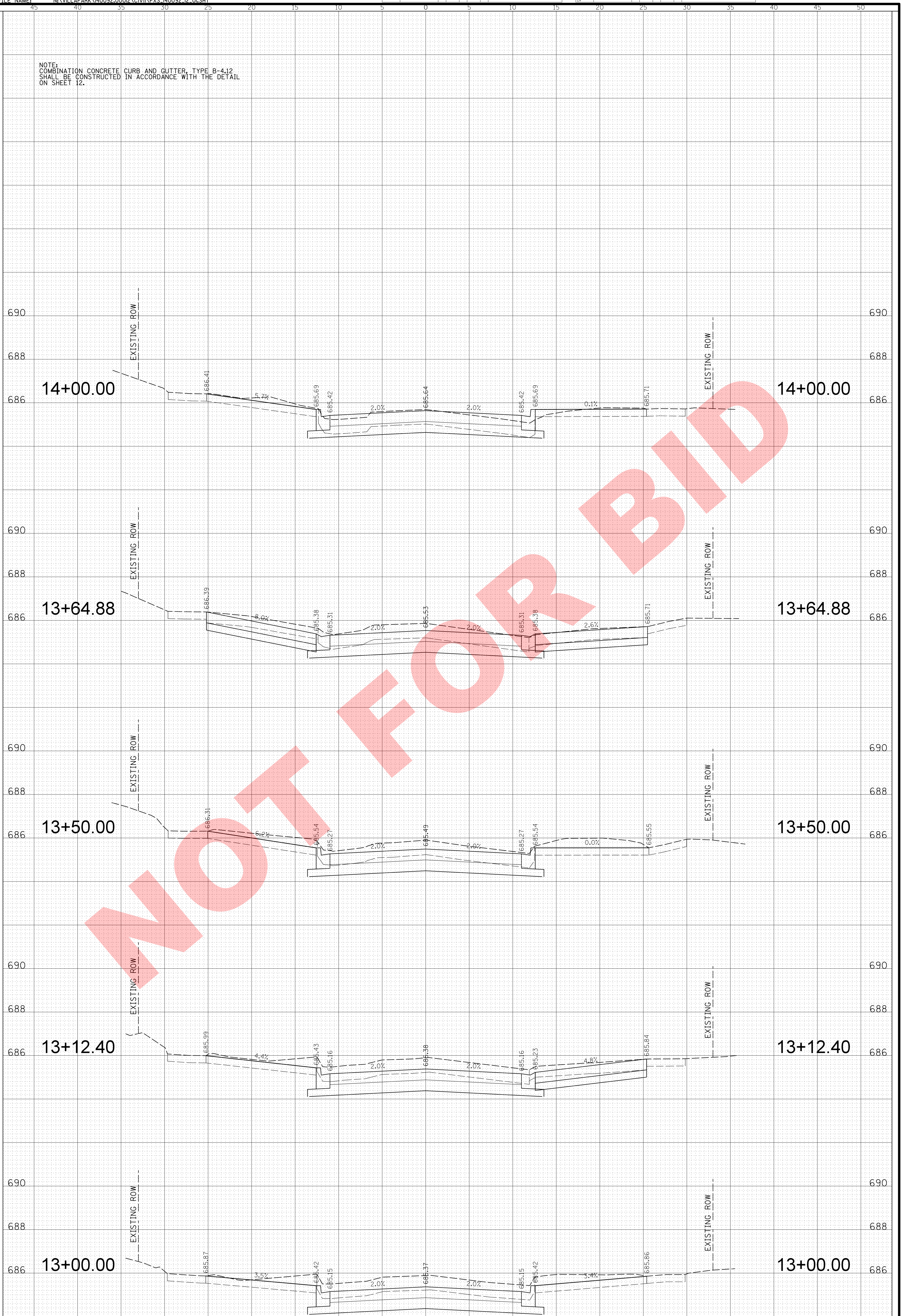
PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 16 OF 22
DRAWING NO.

XS2

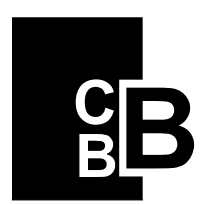
NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPXS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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(847) 823-0500



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	2/12/2019
CAD USER:	aschaefer
MODEL:	Default

TITLE:
N. PRINCETON AVENUE
STA. 13 + 00.00 - STA. 14 + 00.00
CROSS SECTIONS

PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 17 OF 22
DRAWING NO.

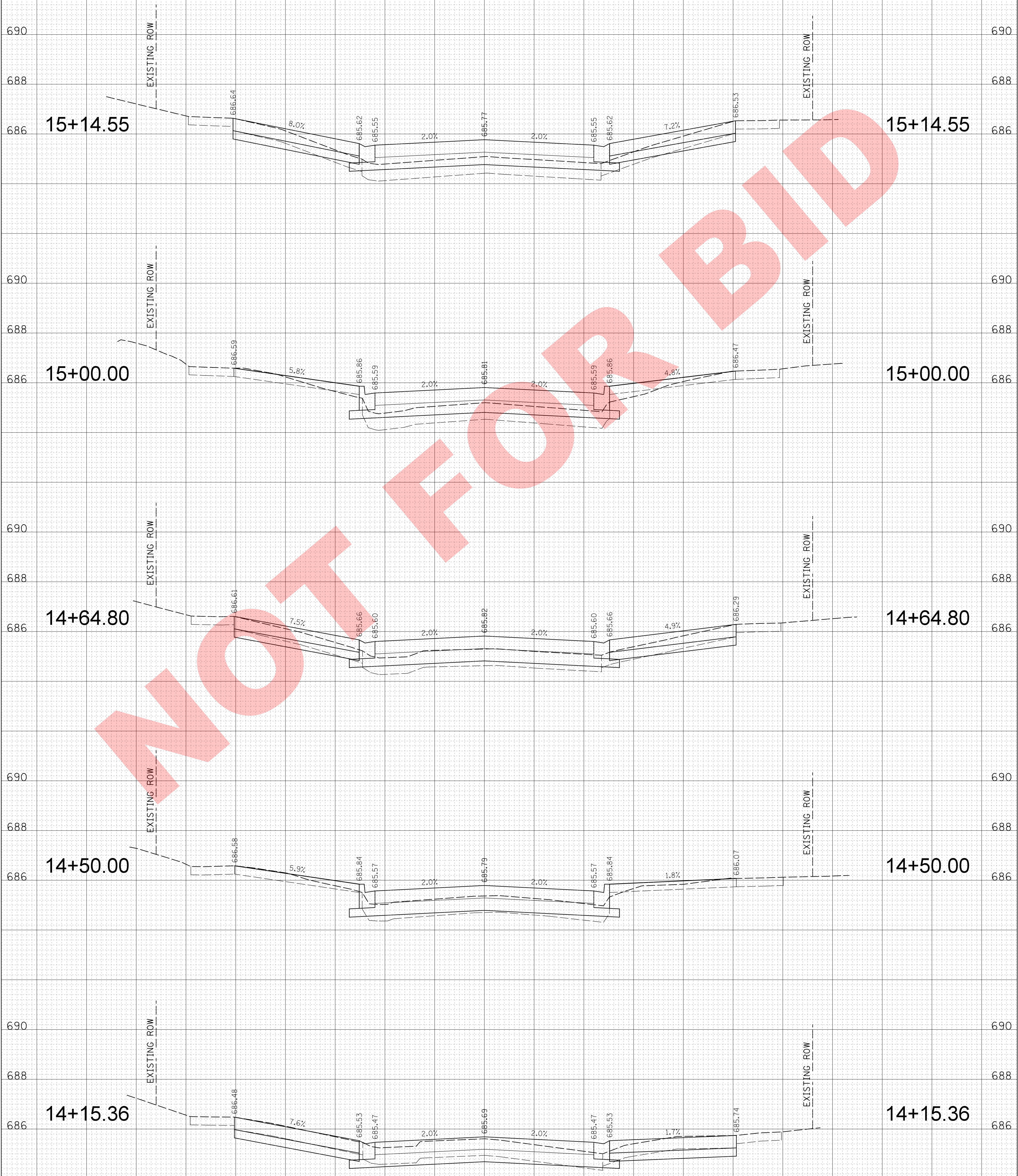
XS3

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

NO.	DESCRIPTION	DATE	BY	CHKD.	REVISION

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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Rosemont, Illinois 60018
(847) 823-0500



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN. AJ S
DWN. AJ S
CHKD. AMP
SCALE: HORZ. 5
VERT. 2
PLOT DATE: 2/12/2019
CAD USER: aschaefer
MODEL: Default

TITLE:
N. PRINCETON AVENUE
STA. 14 + 15.36 - STA. 15 + 14.55
CROSS SECTIONS

PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 18 OF 22
DRAWING NO.

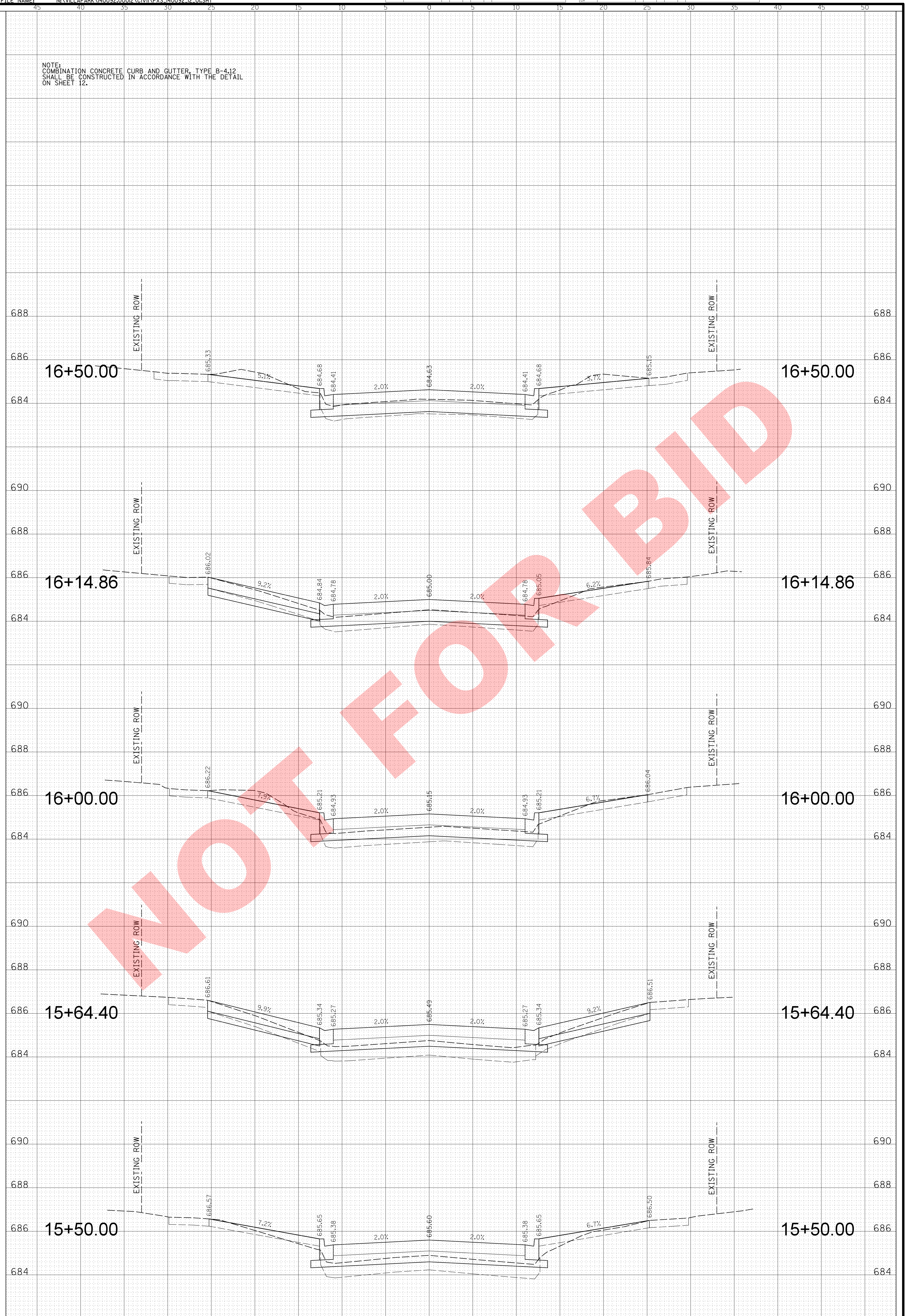
XS4

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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Rosemont, Illinois 60018
(847) 823-0500



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	2/12/2019
CAD USER:	aschaefer
MODEL:	Default

TITLE:
N. PRINCETON AVENUE
STA. 15 + 50.00 - STA. 16 + 50.00
CROSS SECTIONS

PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 19 OF 22
DRAWING NO.

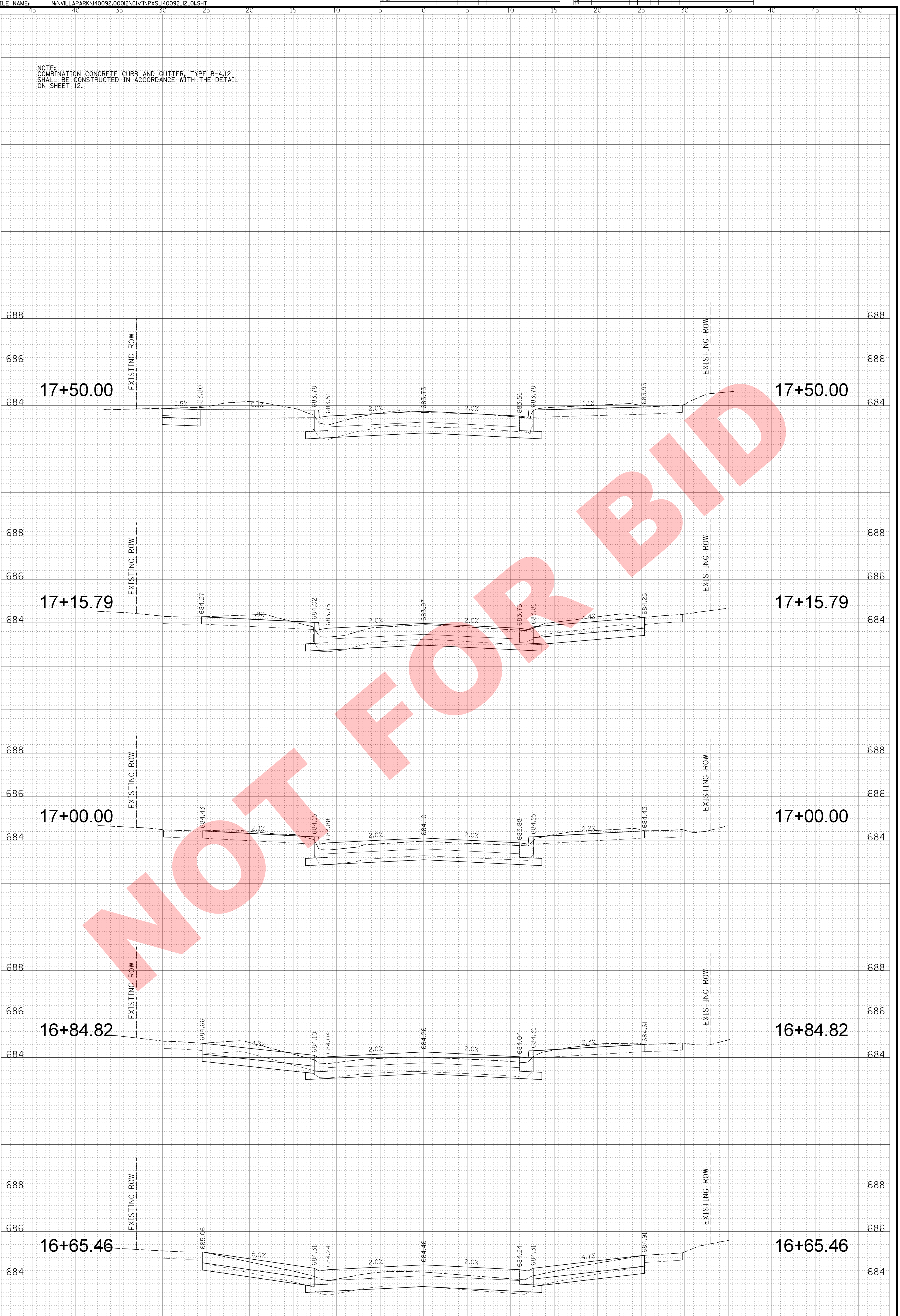
XS5

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500



CLIENT:
VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN.	AJS
DWN.	AJS
CHKD.	AMP
SCALE:	HORZ. 5
	VERT. 2
PLOT DATE:	2/12/2019
CAD USER:	aschaefer
MODEL:	Default

TITLE:
N. PRINCETON AVENUE
STA. 16 + 65.46 - STA. 17 + 50.00
CROSS SECTIONS

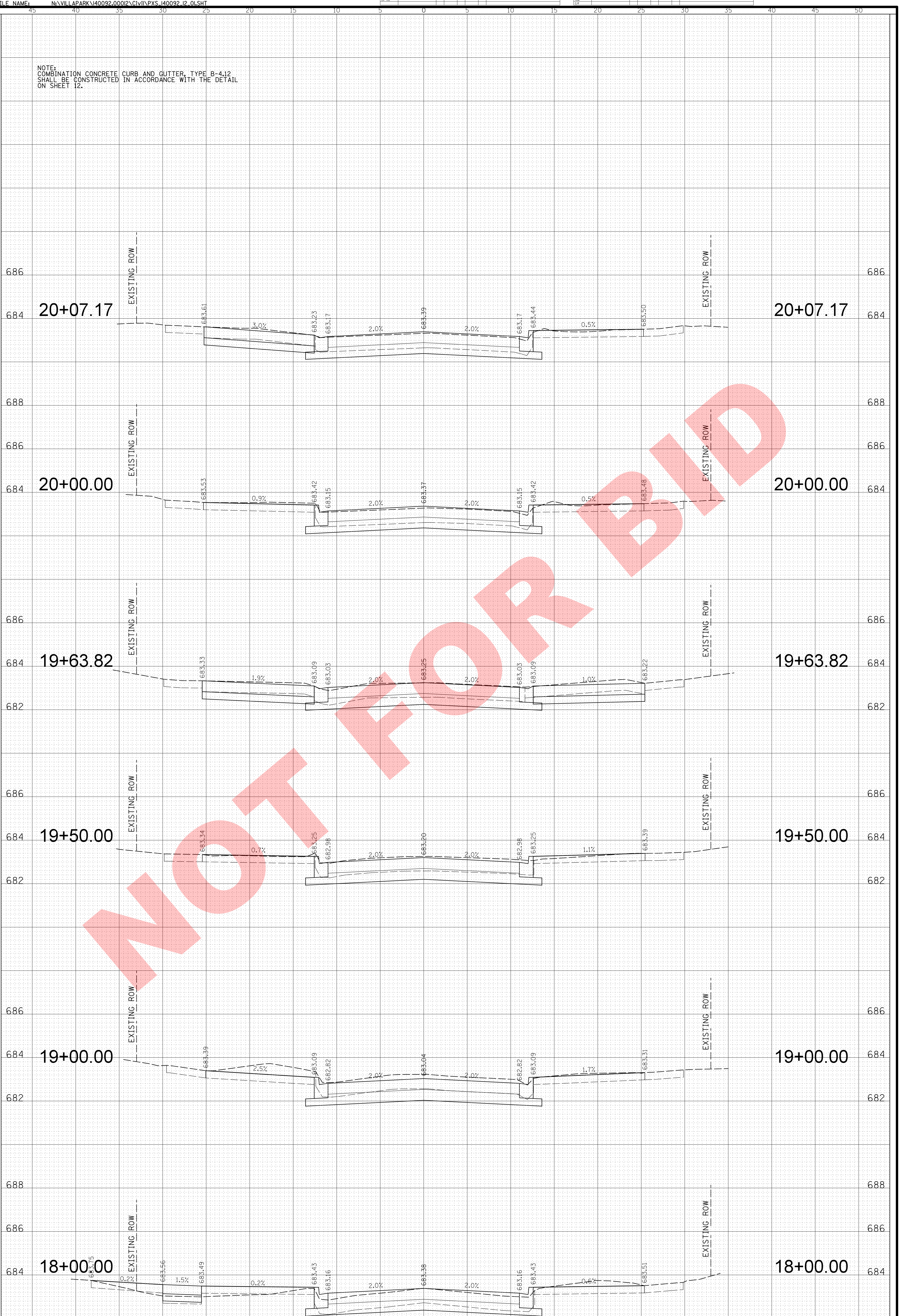
PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 20 OF 22
DRAWING NO.

XS6

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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Rosemont, Illinois 60018
(847) 823-0500



CLIENT:
VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN. AJS
DWN. AJS
CHKD. AMP
SCALE: HORZ. 5
VERT. 2
PLOT DATE: 2/12/2019
CAD USER: aschaefer
MODEL: Default

TITLE:
N. PRINCETON AVENUE
STA. 18 + 00.00 - STA. 20 + 07.17
CROSS SECTIONS

PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 21 OF 22
DRAWING NO.

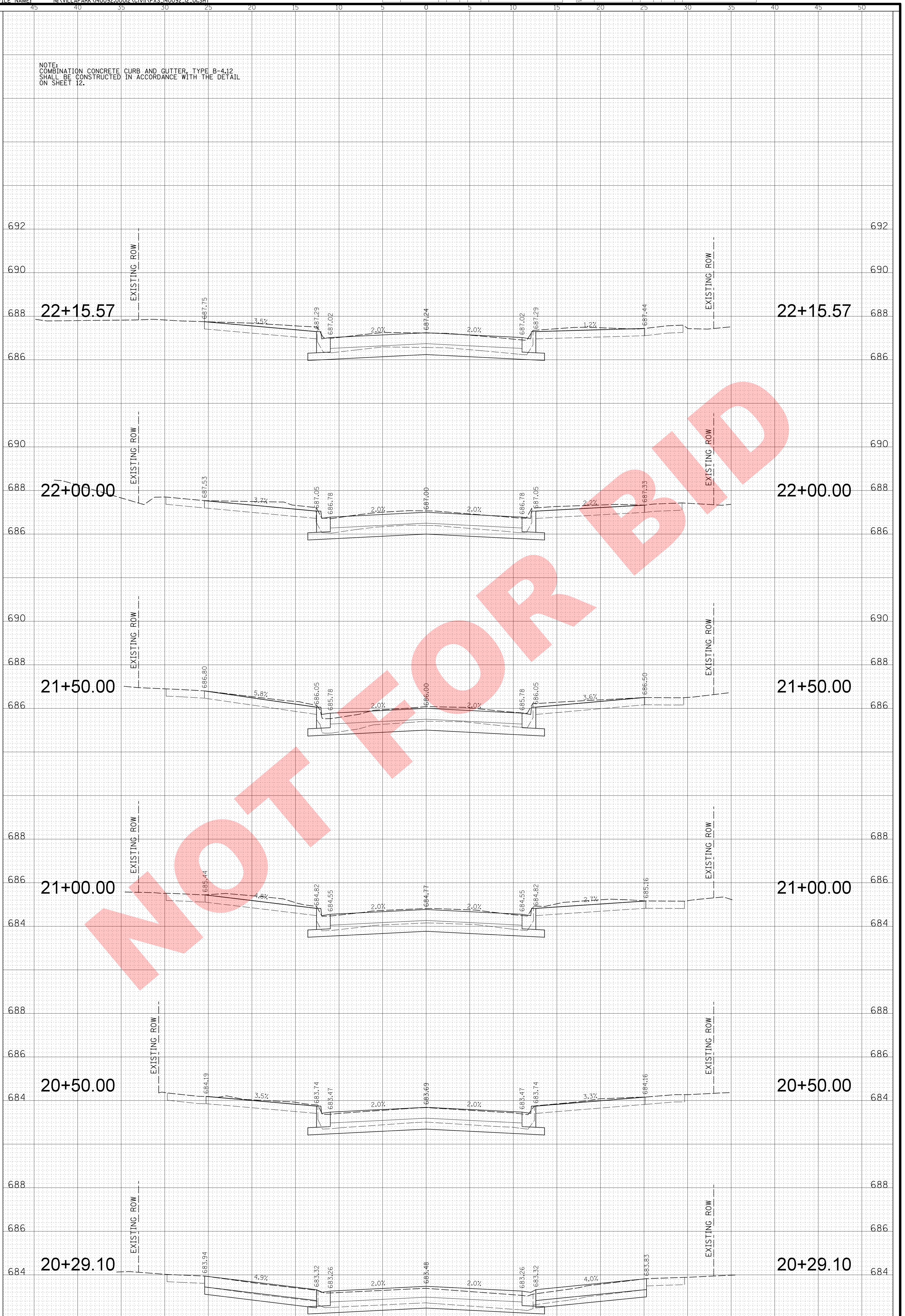
XS7

NO.	DATE	BY	CHKD.	DESC.

NO.	DATE	BY	CHKD.	DESC.

FILE NAME: N:\VILLAPARK\140092.000\2\CIVIL\XPS_140092_12_01.SHT

NOTE:
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL
ON SHEET 12.



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Rosemont, Illinois 60018
(847) 823-0500



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

DSGN:	AJS
DWN:	AJS
CHKD:	AMP
SCALE:	HORZ. 5 VERT. 2
PLOT DATE:	2/12/2019
CAD USER:	aschaefer
MODEL:	Default

TITLE:
N. PRINCETON AVENUE
STA. 20 + 29.10 - STA. 22 + 15.57
CROSS SECTIONS

PROJ. NO. 140092.00012
DATE: 2/12/2019
SHEET 22 OF 22
DRAWING NO.

XS8