

VILLAGE OF HUNTLEY APPROVED MATERIAL LIST

GENERAL ITEMS

- 1. Bolts Placed Underground: All below grade factory installed bolts and fasteners shall be Teflon coated 304-grade stainless steel
2. Casing: A. Casing Spacers: Carrier pipe shall be centered within a casing by use of model CCS stainless steel Casing Spacers as manufactured by Cascade Waterworks Mfg.
3. Truncated Dome Detectable Warning Systems: A. Wet set reinforced polymer type; Brick red color homogenous throughout
4. Street Signs: A. Signs: High intensity prismatic meeting MUTCD requirements
5. Approved Model: as manufactured by Telespar
6. Street Name Signs: A. Signs: High intensity prismatic meeting MUTCD requirements; White letters on green background
7. Approved Model: as manufactured by Telespar
8. Reflective Pavement Markers: A. Type: Recessed
9. Street Lighting: A. To be reviewed on a project by project basis

SANITARY SEWER SYSTEM

- 1. Sanitary Sewer Pipe: A. PVC pipe (depths 15' and less): i. Gravity Sewer: PVC SDR 26 in accordance with D-3034 for pipe diameter 15" and less and F679 for pipe diameter greater than 15". Joints shall be in accordance with ASTM D-3212
2. Sewer Force Main Fittings: All fittings shall be mechanical joint ductile iron and shall conform to ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53. Fittings shall be U.L. Listed Class 350 and shall be manufactured in the United States
3. Sewer Force Main Joint Restraint: A. All mechanical joint fittings shall have restraining glands installed: i. DIP MJ restraint device shall be Mega-lug Series 1100 by EBAA Iron or Uni-flange Series 1400 by Ford Company

- E. Lengths of pipe restraint shall be determined from manufacturer's installation specifications
4. Manholes: A. Precast reinforced in accordance with ASTM C478. Eccentric cone type unless otherwise indicated on Drawings
B. Size: i. through 21" sewer pipe Min. 4' inside diameter manhole
C. Manhole Frame & Lids: i. Neenah R-1712, self-sealing Type B cover or East Jordan Iron Works 1050 with self-sealing cover
D. Manhole Seal: i. Barrel sections shall be sealed using butyl rubber sealant and an external butyl joint wrap similar to Barrel Wrap as manufactured by Adaptor, Inc., EZ Wrap as manufactured Press-Seal Gasket Corporation, Infi-Shield Gator Wrap as manufactured by Sealing Systems, Inc., or approved equal

STORM SEWER SYSTEM

- 1. Storm Sewer Pipe: A. Reinforced concrete Pipe (RCP): i. Conforming to ASTM C-76
ii. Tongue & groove or bell & spigot joints using cement mortar, butyl sealant or o-ring gasket in accordance with ASTM C-351 or C-443
B. PVC pipe (depths 15' and less): i. PVC SDR 26 in accordance with D-3034 for pipe diameter 15" and less and F679 for pipe diameter greater than 15". Joints shall be in accordance with ASTM D-3212
2. Manholes: A. Precast reinforced in accordance with ASTM C478. Eccentric cone type.
B. Size: i. through 21" sewer pipe Min. 4' inside diameter manhole

- C. Manhole Frame & Lids: i. Neenah R-1772, Type B cover (cover may be open Type B when specified on drawings) or East Jordan Iron Works 1022
3. Inlet and Catch Basin Frame & Lids: A. Frame & grates: Neenah R-1772, Type D open cover or East Jordan Iron Works 1022
4. Storm Sewer Structure Seal: A. Precast sections shall be sealed using butyl rubber sealant.
B. When storm sewer structure is installed in pavement, the chimney and adjusting rings shall be sealed using an external chimney seal as manufactured by Adaptor, Inc.

WATER DISTRIBUTION SYSTEM

- 1. Water Main Pipe: A. Ductile iron Class 52, conforming to ANSI/AWWA C151/A21.51: i. Cement Lining, conforming to ANSI/AWWA C104/A21.4
2. Water Main Fittings: A. All fittings shall be mechanical joint ductile iron and shall conform to ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53 and cement lined in accordance with ANSI/AWWA C104/A21.4. Fittings shall be U.L. Listed Class 350 and shall be manufactured in the United States
3. Fire Hydrants: A. Approved Model: i. Shall meet AWWA C-502
4. Valves: A. 6" through 10" diameter: Cast iron body, bronze fitted, resilient wedge gate valve with non-rising stem, standard operating nut and open in a counter clockwise direction. Resilient wedge gate valves shall be Mueller A-2361 Series in accordance with AWWA C-515
5. Valve Box: A. Valve boxes shall be cast iron, two (2) piece 5/8" shafts screw type Tyler Model 6850 and installed on the valve with an Adaptor II valve box stabilizer as manufactured by Adaptor, Inc. Lids shall be marked "Water"
6. Valve Vaults:

- A. Precast reinforced vaults in accordance with ASTM C478 are required for all valves greater than 10" and all valves located in pavement
B. Size: i. through 8" valves Min. 4' inside diameter
7. Joint Restraint: A. All mechanical joint fittings shall have restraining glands installed: i. DIP MJ restraint device shall be Mega-lug Series 1100 by EBAA Iron or Uni-flange Series 1400 by Ford Company
8. Copper Service Lines: A. 1.5-inch diameter minimum
9. Service Line Taps: A. Service taps of 1/2" & 2" require the use of a tapping saddle. Saddles shall be full circle, fusion bonded flexi coat epoxy ductile iron body (per ASTM A536) with double 304-grade stainless steel straps and hardware, and NSF 61 listed TaperSeal Nitrile gasket as manufactured by Smith-Blair; model #317
10. Corporation Stops: A. Compression fittings
11. Curb Stops: A. Compression fittings
12. Curb Box: A. Extension type arch pattern Mueller H-10310 with stationary rod
13. Pressure Tapping: A. Tapping Sleeves: i. Stainless steel meeting AWWA C223 and NSF 61; Mueller H-304, Smith - Blair 665, or Cascade Waterworks CST-EX
14. Sampling Station: A. Unit shall be designed specifically for collecting bacteriological and other water samples at a designated point directly from the water main and shall be model Eclipse No. 88 with cold climate protection package as manufactured by Kupferle Foundry

REVISIONS

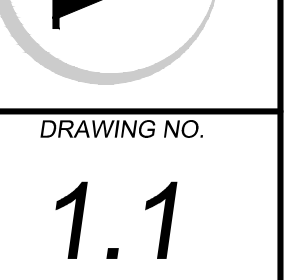
VILLAGE OF HUNTLEY APPROVED MATERIAL LIST

HUNTLEY BUSINESS PARK - WATER TOWER ACCESS

Table with columns: NO., DATE, DESCRIPTION, NO., DATE, DESCRIPTION, NO., DATE, DESCRIPTION

PROJECT NO.: 9252G002
PROJECT MANAGER: DLG
DESIGNED BY: KC
DRAWN BY: NRS

7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
www.v3co.com



DRAWING NO. 1.1



STANDARD DETAILS - APPROVED MATERIAL LIST

SCALE: NTS
DATE: 1/1/2016
DRAWN/CHECKED: CBEL/TPF
REVISED: 10/21/2021
DRAWING NUMBER: -/-

VILLAGE OF HUNTLEY GENERAL NOTES

PROJECT INITIATION

- 1. A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE VILLAGE OF HUNTLEY STAFF AND ALL CONTRACTORS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES...
2. 24-HOUR EMERGENCY CONTACT NUMBERS SHALL BE PROVIDED TO THE VILLAGE OF HUNTLEY AT THE PRE-CONSTRUCTION MEETING...
3. PRIOR TO THE COMMENCEMENT OF WORK THE DEVELOPER RESPONSIBLE FOR CONSTRUCTION OF IMPROVEMENTS SHALL FILE WITH THE VILLAGE CLERK A CERTIFICATE OF INSURANCE PER THE VILLAGE'S SUBDIVISION REGULATIONS REQUIREMENTS...
4. PRIOR TO THE COMMENCEMENT OF WORK ALL CONTRACTORS PERFORMING WORK ON THE SITE SHALL BE REGISTERED WITH THE VILLAGE'S BUILDING DEPARTMENT...
5. WORKING HOURS SHALL BE BETWEEN THE HOURS IDENTIFIED IN THE VILLAGE OF HUNTLEY'S NOISE SECTION OF THE MUNICIPAL CODE LOCATED IN CHAPTER 150.09...
6. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES AN APPROVED IEPA NPDES PERMIT SHALL BE OBTAINED AND A COPY FORWARDED TO THE VILLAGE OF HUNTLEY'S PUBLIC WORKS AND ENGINEERING DEPARTMENTS...
7. PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL 'JULIE' AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES...
8. LIMITED INVESTIGATION OF SUBSURFACE CONDITIONS AT THE PROPOSED SITE OF WORK HAS BEEN MADE FOR THE PURPOSE OF DESIGN...
9. ITS AGENTS OR CONSULTANTS ASSUME NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THESE PRELIMINARY INVESTIGATIONS...
10. CONSTRUCTION PLANS MAY BE USED UNLESS STAMPED "FOR CONSTRUCTION" BY THE VILLAGE OF HUNTLEY.

GENERAL

- 1. IN CASE OF CONFLICTS THE VILLAGE OF HUNTLEY GENERAL NOTES AND STANDARD DETAILS SHALL TAKE PRECEDENCE OVER OTHER NOTES OR STANDARD DETAILS LOCATED ELSEWHERE WITHIN THE APPROVED ENGINEERING DRAWINGS...
2. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
3. THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS...
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR...
5. ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION...
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC...
7. ACCESS TO ADJACENT STREETS DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES...
8. ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, PUBLIC UTILITIES, STREETS, CURB, ETC. SHALL BE REPAIRED/REPLACED AS SOON AS POSSIBLE...
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS...
10. THE USE OF VILLAGE FIRE HYDRANTS IS NOT ALLOWED...
11. THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE PROVIDED WHERE OPERATIONS AFFECT PUBLIC THROUGHFARES AND ADJACENT PROPERTY.

EROSION CONTROL

- 1. PUBLIC/PRIVATE STREETS SHALL BE KEPT FREE OF DIRT AND DEBRIS WITH REGULAR CLEANING, SWEEPING, AND SCRAPING CONDUCTED BY THE CONTRACTOR...
2. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES...
3. ALL SPECIFIED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED PER THE REQUIREMENTS OF THE PROJECT'S SWPPP...
4. CONTINUOUS MONITORING OF EROSION CONTROL MEASURES IS REQUIRED...
5. THE CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES DEEMED NECESSARY...
6. ALL STORM SEWER CATCH BASINS, SUMPS AND/OR RETENTION BASINS PROVIDED WITH THIS PROJECT ARE TO BE CLEANED AT THE END OF CONSTRUCTION...
7. CLEANING MAY ALSO BE REQUIRED DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT...
8. THE SILT AND DEBRIS TRAPS ARE NOT PROPERLY FUNCTIONING AND THE PERFORMANCE IS IMPAIRED.

EARTHWORK

- 1. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF 415/CS 5/22.51...
2. THE GRADING AND CONSTRUCTION OF THE PROJECT'S IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER...
3. THE LOCATION OF ON-SITE TOPSOIL STOCKPILES SHALL BE IDENTIFIED ON THE APPROVED PLANS...
4. THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADE...
5. EMBANKMENT MATERIAL WITHIN PARKWAY AND OPEN SPACE AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF MAXIMUM DENSITY...
6. ALL SUBGRADE MATERIAL SHALL HAVE A MINIMUM IIR (ILLINOIS BEARING RATIO) OF 3.0 AS DETERMINED BY THE PROJECT'S GEOTECHNICAL ENGINEER...
7. PROPOSED PAVEMENT AREAS, BUILDING PADS, DRIVEWAYS AND SIDEWALKS AND YARD/OPEN SPACE AREAS SHALL BE CONSTRUCTED TO PLUS OR MINUS 0.1 FOOT OF DESIGN SUBGRADE ELEVATIONS...
8. ANY BORROW PIT LOCATIONS SHALL BE IDENTIFIED ON THE APPROVED SITE PLANS...
9. A WATER TRUCK SHALL BE ON-SITE AT ALL TIMES DURING MASS GRADING OPERATIONS...
10. TOPSOIL STOCKPILED FOR FUTURE USE SHALL BE RELATIVELY FREE FROM LARGE ROOTS, STICKS, WEEDS, BRUSH, STONES LARGER THAN ONE (1) INCH DIAMETER...
11. TOPSOIL SHALL BE STOCKPILED IN SEQUENCE TO ELIMINATE ANY RE-HANDLING OR DOUBLE MOVEMENTS...
12. TOPSOIL STOCKPILES SHALL BE LOCATED IN AREAS TO AVOID EROSION OF SAID STOCKPILE TO OFFSITE AREAS.

UTILITIES

- 1. THE CONTRACTOR SHALL COORDINATE INSPECTIONS AND TESTING OF WATER MAIN, WATER SERVICE, SANITARY SEWER, SANITARY SEWER SERVICES AND STORM SEWER WITH THE VILLAGE OF HUNTLEY'S ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENTS...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APURTANCES MAY BE LOCATED AND ADJUSTED OR MOVED...
3. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS...
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES...
5. WHEN OPEN CUTTING IS ALLOWED OR OTHER PAVEMENT OPENING IS REQUIRED, BACKFILL SHALL BE PLACED PRIOR TO THE END OF THE WORKING DAY...
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL SIGNS AND OTHER SAFETY MEASURES...
7. ACCESS TO ADJACENT STREETS DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES...
8. ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, PUBLIC UTILITIES, STREETS, CURB, ETC. SHALL BE REPAIRED/REPLACED AS SOON AS POSSIBLE...
9. PRECAST CONCRETE ADJUSTING RINGS ARE NOT TO EXCEED EIGHT (8) INCHES IN OVERALL HEIGHT...
10. THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS...
11. NO MANHOLES, INLETS, VALVE VAULTS OR OTHER TYPES OF STRUCTURES SHALL BE ALLOWED TO BE CONSTRUCTED IN RESIDENTIAL OR COMMERCIAL DRIVEWAYS OR SIDEWALKS.

PUBLIC WATER SYSTEM

- 1. AN IEPA CONSTRUCTION PERMIT MUST BE SECURED PRIOR TO BEGINNING CONSTRUCTION...
2. ALL EXISTING VALVES MAINTAINED BY THE VILLAGE OF HUNTLEY SHALL BE OPERATED BY THE VILLAGE OF HUNTLEY DEPARTMENT OF PUBLIC WORKS PERSONNEL ONLY...
3. THE GRADING AND CONSTRUCTION OF THE PROJECT'S IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER...
4. THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADE...
5. EMBANKMENT MATERIAL WITHIN PARKWAY AND OPEN SPACE AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF MAXIMUM DENSITY...
6. ALL SUBGRADE MATERIAL SHALL HAVE A MINIMUM IIR (ILLINOIS BEARING RATIO) OF 3.0...
7. PROPOSED PAVEMENT AREAS, BUILDING PADS, DRIVEWAYS AND SIDEWALKS AND YARD/OPEN SPACE AREAS SHALL BE CONSTRUCTED TO PLUS OR MINUS 0.1 FOOT...
8. ANY BORROW PIT LOCATIONS SHALL BE IDENTIFIED ON THE APPROVED SITE PLANS...
9. A WATER TRUCK SHALL BE ON-SITE AT ALL TIMES DURING MASS GRADING OPERATIONS...
10. TOPSOIL STOCKPILED FOR FUTURE USE SHALL BE RELATIVELY FREE FROM LARGE ROOTS, STICKS, WEEDS, BRUSH, STONES LARGER THAN ONE (1) INCH DIAMETER...
11. TOPSOIL SHALL BE STOCKPILED IN SEQUENCE TO ELIMINATE ANY RE-HANDLING OR DOUBLE MOVEMENTS...
12. TOPSOIL STOCKPILES SHALL BE LOCATED IN AREAS TO AVOID EROSION OF SAID STOCKPILE TO OFFSITE AREAS...
13. THE CONTRACTOR SHALL COORDINATE INSPECTIONS AND TESTING OF WATER MAIN, WATER SERVICE, SANITARY SEWER, SANITARY SEWER SERVICES AND STORM SEWER WITH THE VILLAGE OF HUNTLEY'S ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENTS...
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES...
15. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY OWNERS...
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES...
17. WHEN OPEN CUTTING IS ALLOWED OR OTHER PAVEMENT OPENING IS REQUIRED, BACKFILL SHALL BE PLACED PRIOR TO THE END OF THE WORKING DAY...
18. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL SIGNS AND OTHER SAFETY MEASURES...
19. ACCESS TO ADJACENT STREETS DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES...
20. ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, PUBLIC UTILITIES, STREETS, CURB, ETC. SHALL BE REPAIRED/REPLACED AS SOON AS POSSIBLE...
21. PRECAST CONCRETE ADJUSTING RINGS ARE NOT TO EXCEED EIGHT (8) INCHES IN OVERALL HEIGHT...
22. THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS...
23. NO MANHOLES, INLETS, VALVE VAULTS OR OTHER TYPES OF STRUCTURES SHALL BE ALLOWED TO BE CONSTRUCTED IN RESIDENTIAL OR COMMERCIAL DRIVEWAYS OR SIDEWALKS.

SANITARY SEWER SYSTEM

- 1. NON-SHEAR STEEL STEEL COUPLINGS SHALL BE USED WHEN CONNECTING SEWER PIPE...
2. PIPE AND FITTINGS SHALL BE THE PRODUCTS OF ONE APPROVED MANUFACTURER ONLY...
3. CONTRACTOR SHALL TEST SEWERS AND SERVICE CONNECTIONS FOR WATER TIGHTNESS...
4. LEAKAGE TESTS...
5. DEFLECTION TEST...
6. VACUUM TESTING OF MANHOLES...
7. ALL PUBLIC SANITARY SEWER SHALL BE INTERNALLY RECORDED BY REMOTE CAMERA RECORDINGS...
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STORM WATER SYSTEM

- 1. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS...
2. WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING OR PROPOSED WATER MAINS CANNOT BE MET...
3. THE CONTRACTOR SHALL ENSURE THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THE FINISHED TOP OF SUBGRADE ELEVATION HAS BEEN GRADDED WITHIN THE TOLERANCES ALLOWED...
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL SIGNS AND OTHER SAFETY MEASURES...
5. ACCESS TO ADJACENT STREETS DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES...
6. ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, PUBLIC UTILITIES, STREETS, CURB, ETC. SHALL BE REPAIRED/REPLACED AS SOON AS POSSIBLE...
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PAVING

- 1. ALL SUBGRADES AND BASES SHALL BE PROOF-ROLLED AND APPROVED BY THE PROJECT'S GEOTECHNICAL ENGINEER AND WITNESSED BY THE VILLAGE OF HUNTLEY ENGINEERING DEPARTMENT...
2. THE CONTRACTOR SHALL ENSURE THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THE FINISHED TOP OF SUBGRADE ELEVATION HAS BEEN GRADDED WITHIN THE TOLERANCES ALLOWED...
3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL SIGNS AND OTHER SAFETY MEASURES...
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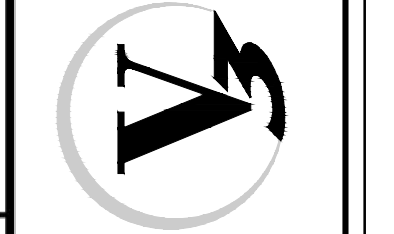
PROJECT ACCEPTANCE

- 1. THE CONTRACTOR SHALL CONDUCT AN INSPECTION OF ALL WORK AND MAKE REPAIRS OR ADJUSTMENTS PRIOR TO REQUESTING INITIAL ACCEPTANCE...
2. UPON WRITTEN REQUEST OF THE SUBDIVIDER, AND AFTER THE REQUIRED IMPROVEMENTS HAVE BEEN COMPLETED AND RECORD DRAWINGS HAVE BEEN SUBMITTED...
3. WRITTEN ACCEPTANCE REQUEST AFOREMENTIONED MUST BE SUBMITTED BETWEEN APRIL 1ST AND SEPTEMBER 1ST OF THE SAME CALENDAR YEAR...
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL SIGNS AND OTHER SAFETY MEASURES...
5. ACCESS TO ADJACENT STREETS DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES...
6. ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, PUBLIC UTILITIES, STREETS, CURB, ETC. SHALL BE REPAIRED/REPLACED AS SOON AS POSSIBLE...
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Table with columns for REVISIONS, DESCRIPTION, NO., DATE, ORIGINAL ISSUE DATE, PROJECT NO., PROJECT MANAGER, DESIGNED BY, DRAWN BY, and DRAWING NO.

VILLAGE OF HUNTLEY GENERAL NOTES HUNTLEY BUSINESS PARK - WATER TOWER ACCESS ILLINOIS HUNTLEY

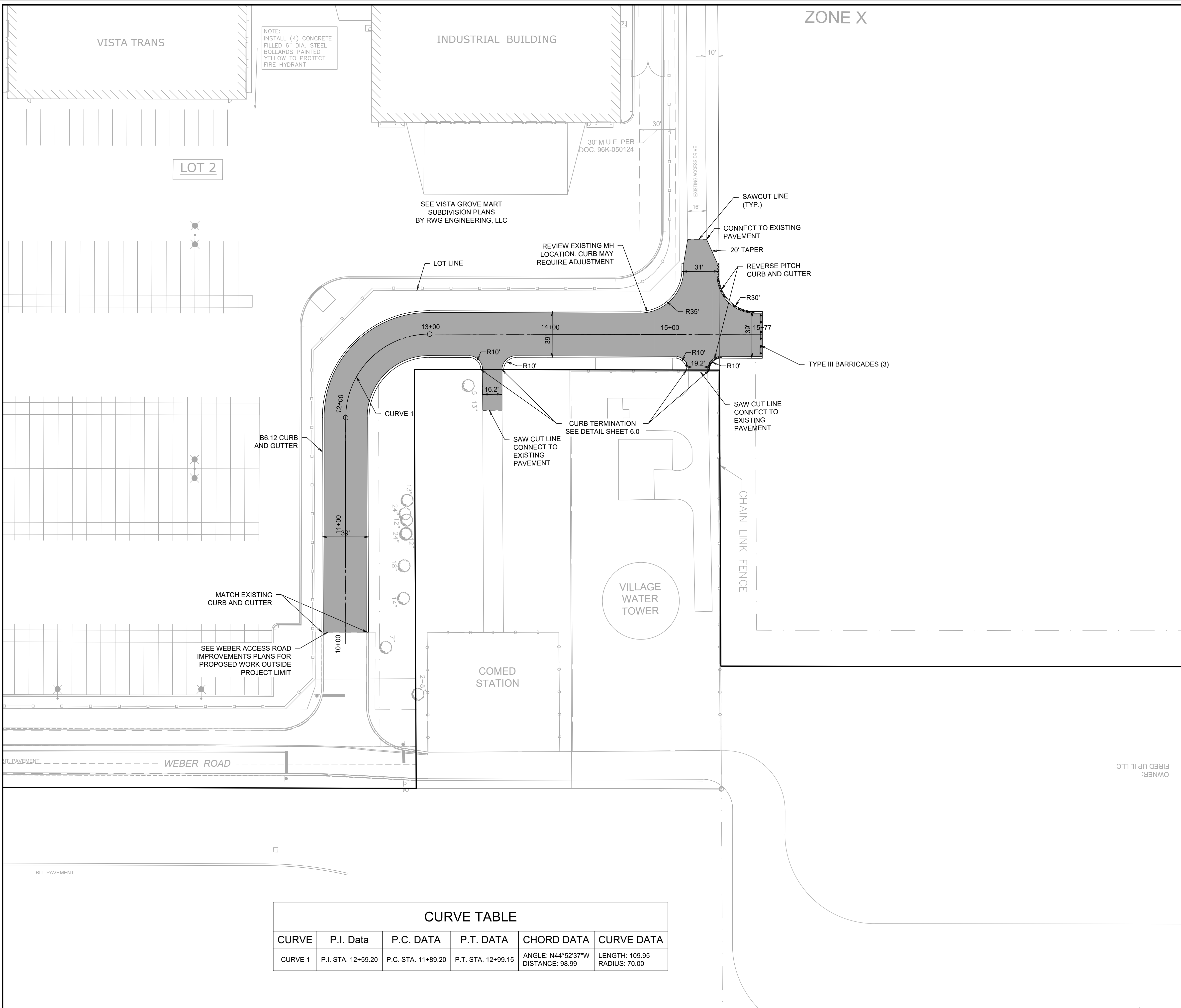
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STANDARD DETAILS - GENERAL NOTES

SCALE: NTS DRAWN/CHECKED CBBEL/TPF DRAWING NUMBER /- REVISED: 10/21/2011

DRAWING NO. 1.2



NOTE:
INSTALL (4) CONCRETE
FILLED 6" DIA. STEEL
BOLLARDS PAINTED
YELLOW TO PROTECT
FIRE HYDRANT

SEE VISTA GROVE MART
SUBDIVISION PLANS
BY RWG ENGINEERING, LLC

REVIEW EXISTING MH
LOCATION. CURB MAY
REQUIRE ADJUSTMENT

LOT 2

B6.12 CURB
AND GUTTER

MATCH EXISTING
CURB AND GUTTER

SEE WEBER ACCESS ROAD
IMPROVEMENTS PLANS FOR
PROPOSED WORK OUTSIDE
PROJECT LIMIT

INDUSTRIAL BUILDING

ZONE X

VILLAGE
WATER
TOWER

COMED
STATION

CHAIN LINK FENCE

CURVE TABLE					
CURVE	P.I. DATA	P.C. DATA	P.T. DATA	CHORD DATA	CURVE DATA
CURVE 1	P.I. STA. 12+59.20	P.C. STA. 11+89.20	P.T. STA. 12+99.15	ANGLE: N44°52'37"W DISTANCE: 98.99	LENGTH: 109.95 RADIUS: 70.00

- NOTES:**
- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
 - ALL CURB AND GUTTER SHALL BE B6.12 UNLESS OTHERWISE NOTED.

CURB LEGEND

- REGULAR PITCH CURB AND GUTTER
- REVERSE PITCH CURB AND GUTTER
- DEPRESSED CURB AND GUTTER

PAVING LEGEND

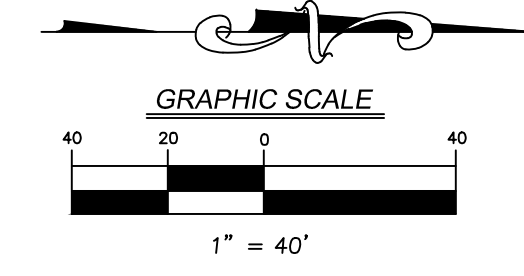
- 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70
- 2.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- 8" HOT-MIX ASPHALT BASE COURSE
- 6" AGGREGATE BASE COURSE, TYPE B

REVISIONS	
NO.	DESCRIPTION

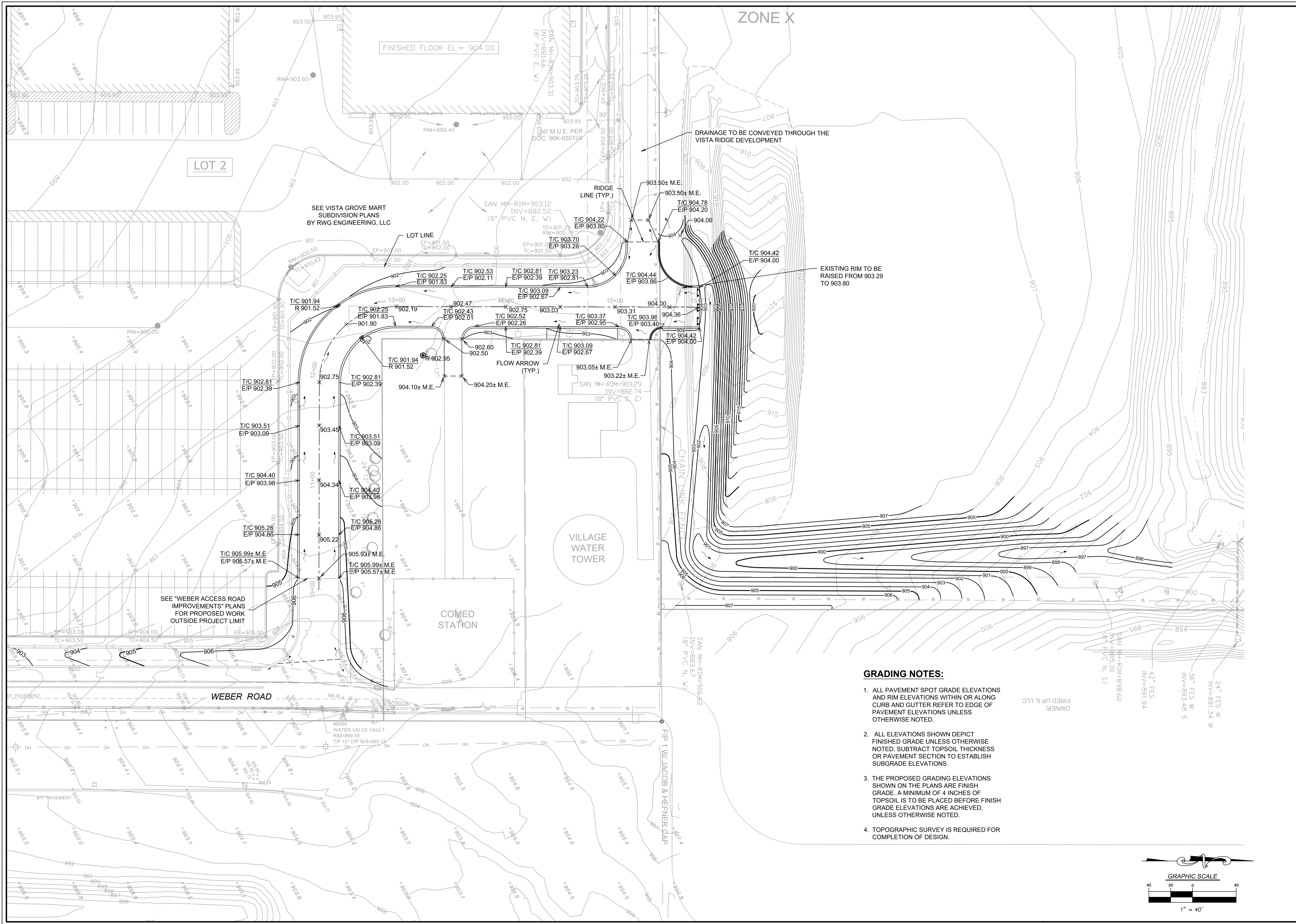
LAYOUT AND PAVING PLAN
HUNTLEY BUSINESS PARK - WATER TOWER ACCESS
HUNTLEY ILLINOIS

7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
www.v3co.com

DRAWING NO.
3.0

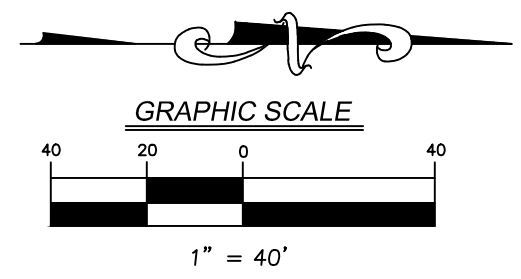


OWNER:
FIRE UP, LLC

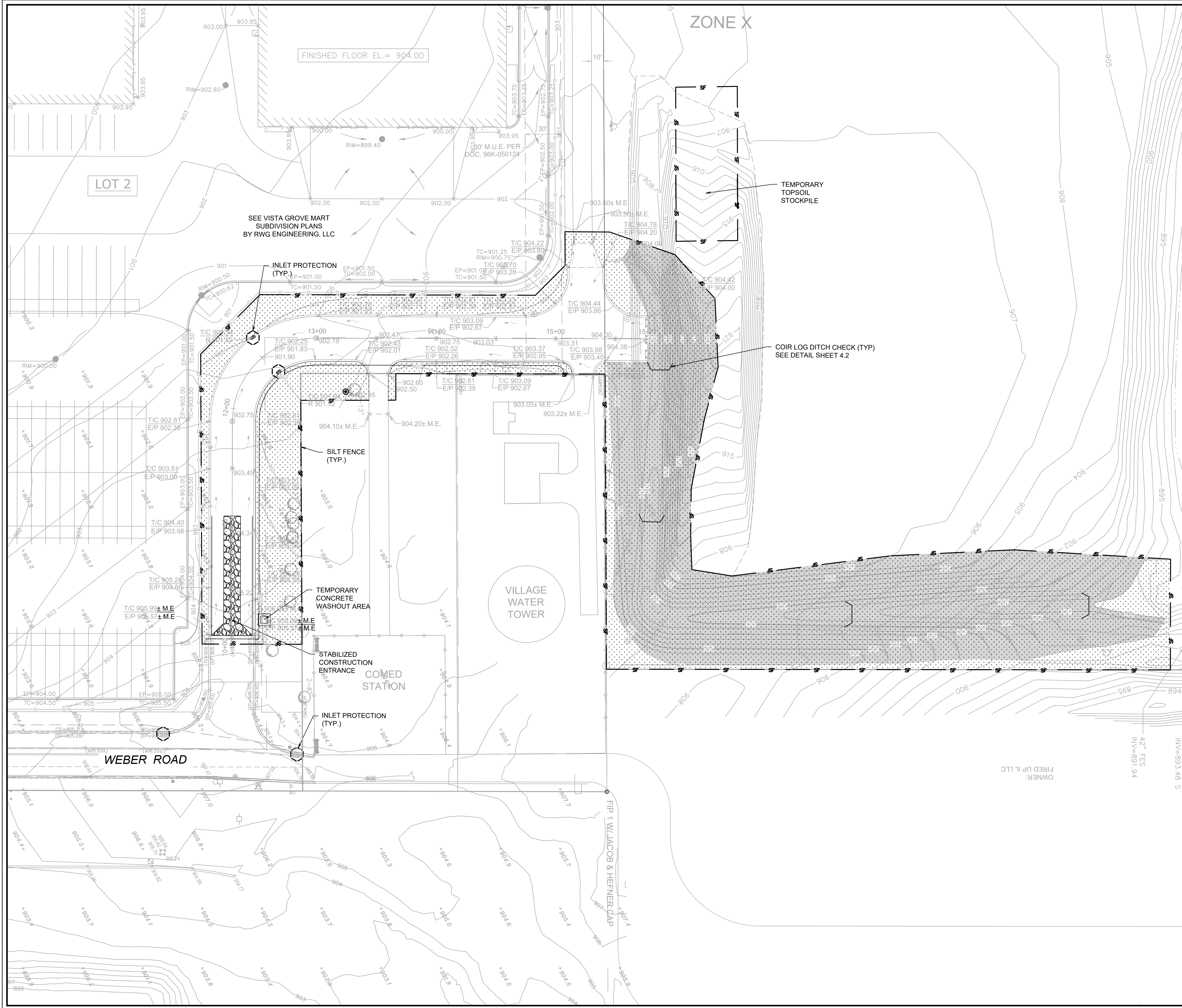


GRADING NOTES:

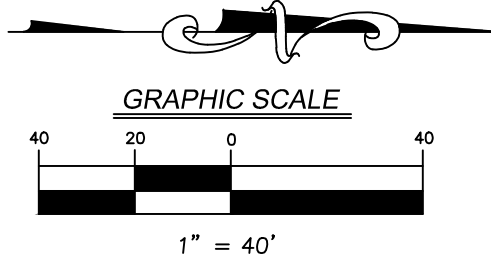
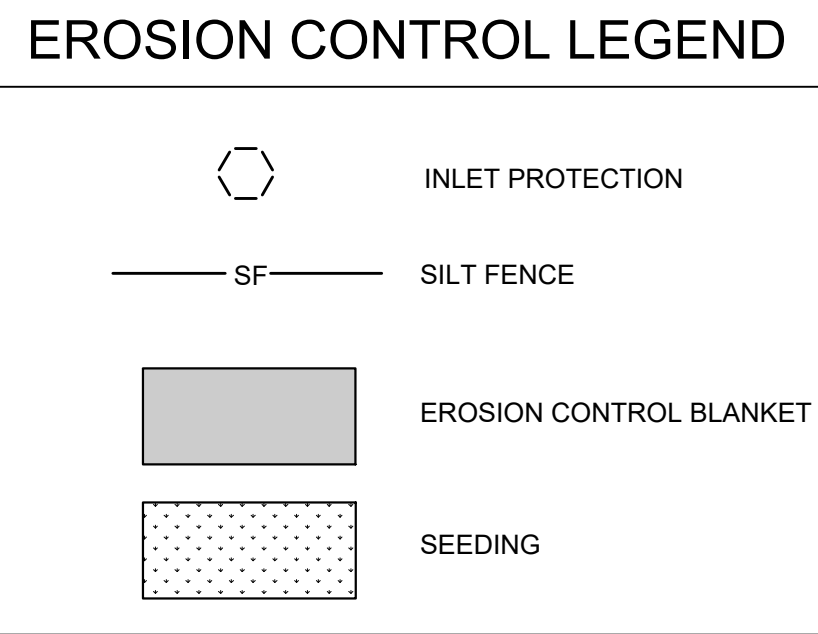
1. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. SUBTRACT TOPSOIL THICKNESS OR PAVEMENT SECTION TO ESTABLISH SUBGRADE ELEVATIONS.
3. THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADE. A MINIMUM OF 4 INCHES OF TOPSOIL IS TO BE PLACED BEFORE FINISH GRADE ELEVATIONS ARE ACHIEVED, UNLESS OTHERWISE NOTED.
4. TOPOGRAPHIC SURVEY IS REQUIRED FOR COMPLETION OF DESIGN.



GRADING PLAN HUNTLEY BUSINESS PARK - WATER TOWER ACCESS HUNTLEY ILLINOIS	PROJECT NO.: 9252G02 PROJECT MANAGER: DLG DESIGNED BY: KC DRAWN BY: NRS	ORIGINAL ISSUE DATE: 11-15-2024	REVISIONS
	OWNER: FIRD UP II, LLC	NO. DATE DESCRIPTION NO. DATE DESCRIPTION	NO. DATE DESCRIPTION
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- NOTES:**
- CONTRACTOR TO INSTALL SILT FENCE PRIOR TO COMMENCEMENT OF ANY EARTHWORK. CONTRACTOR TO MAINTAIN SILT FENCE AS SHOWN AND INSTALL ADDITIONAL SILT FENCE WHEREVER NECESSARY THROUGHOUT CONSTRUCTION ACTIVITIES TO MINIMIZE SOIL EROSION.
 - CONTRACTOR TO INSTALL INLET PROTECTION ON ALL OPEN LID STRUCTURES. SEE INLET PROTECTION DETAIL ON SHEET 4.2.
 - ALL SEDIMENT AND EROSION CONTROL MEASURES IN AND AROUND THE PROPOSED IMPROVEMENTS ARE TO REMAIN IN PLACE AND TO BE MAINTAINED THROUGHOUT CONSTRUCTION ACTIVITIES UNTIL THE PROPOSED IMPROVEMENTS ARE COMPLETED AND THE SITE ADEQUATELY STABILIZED.
 - THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS INDICATED ON THIS SHEET IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY V3 COMPANIES. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE IEPA NPDES PHASE II PERMIT PROGRAM REQUIREMENTS.
 - EROSION CONTROL BLANKET SHALL BE NAG SC-150 BN.



EROSION CONTROL PLAN HUNTLEY BUSINESS PARK - WATER TOWER ACCESS HUNTLEY ILLINOIS	PROJECT NO.: 9252G02 PROJECT MANAGER: DLG DESIGNED BY: KC DRAWN BY: NRS	ORIGINAL ISSUE DATE: 11-15-2024	REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION						
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PERMANENT STABILIZATION NOTES

1. PERMANENT SEEDING OF SLOPES SURROUNDING THE STORMWATER DETENTION AREAS SHALL MEET THE MINIMUM SPECIFICATIONS OF TABLES A OR B, SECTION 880 OF THE ILLINOIS URBAN MANUAL. EXACT SEED MIXES FOR THESE AREAS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, AND APPROPRIATE MULCHING OF SEEDED AREAS PER SECTION 875 OF THE MANUAL SHALL OCCUR FOLLOWING SEEDING. SEE LANDSCAPE PLANS FOR COMPLETE PLANTING SCHEDULE AND PROPOSED SEED MIXES.

TEMPORARY SEEDING NOTES

THIS PRACTICE APPLIES TO ALL CLEARED, UN-VEGETATED OR SPARSELY VEGETATED SOIL SURFACES WHERE VEGETATIVE COVER IS NEEDED FOR LESS THAN 1 YEAR. APPLICATIONS OF THIS PRACTICE INCLUDE DIVERSIONS, DAMS, TEMPORARY SEDIMENT BASINS, TEMPORARY ROAD BASINS, TOPSOIL/CLAY STOCKPILES AND ANY OTHER EXPOSED AREAS OF A CONSTRUCTION SITE.

SITE PREPARATION - PRIOR TO SEEDING, INSTALL NECESSARY EROSION CONTROL AND SEDIMENT CONTROL PRACTICES. IF POSSIBLE REMOVE LARGE ROCKS OR OTHER DEBRIS THAT MAY INTERFERE WITH SEEDBED PREPARATION OR SEEDING OPERATIONS.

SEEDBED PREPARATION:

- LIMING: WHERE THE PH OF THE SOIL IS BELOW 5.5 APPLY ONE AND ONE HALF TO TWO TONS PER ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE. IF THE SEEDING PERIOD IS LESS THAN 30 DAYS, LIMING WILL NOT BE REQUIRED.
- FERTILIZER: APPLY 500 POUNDS PER ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT, INCORPORATE LIME AND FERTILIZER INTO THE TOP 2 - 4 INCHES OF SOIL. IF THE SEEDING PERIOD IS LESS THAN 30 DAYS, FERTILIZER WILL NOT BE REQUIRED.
- PREPARE A SEEDBED OF LOOSE SOIL TO A DEPTH OF 3 - 4 INCHES. IF RECENT TILLAGE OR GRADING OPERATIONS HAVE RESULTED IN A LOOSE SURFACE, ADDITIONAL TILLAGE OR ROUGHENING MAY NOT BE REQUIRED EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSED THE SURFACE TO BECOME SEALED OR CRUSTED, LOOSEN IT JUST PRIOR TO SEEDING BY DISKING, RAKING, HARROWING OR OTHER SUITABLE METHODS. GROVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING.

SEEDING - SEED SHALL BE EVENLY APPLIED WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER. SMALL GRAINS SHALL BE PLANTED NO MORE THAN ONE HALF INCH DEEP. GRASSES SHALL BE PLANTED NO MORE THAN ONE HALF INCH DEEP. COVER BROADCAST SEEDING BY CULTI-PACKING, DRAGGING A HARROW OR RAKING.

TEMPORARY SEEDING PROVIDES PROTECTION FOR NO MORE THAN ONE YEAR, DURING WHICH TIME PERMANENT STABILIZATION SHOULD BE INITIATED. PERMANENT SEEDING SHALL CONFORM TO THE PERMANENT SEEDING (CODE 880) OF THE ILLINOIS URBAN MANUAL PRACTICE STANDARDS.

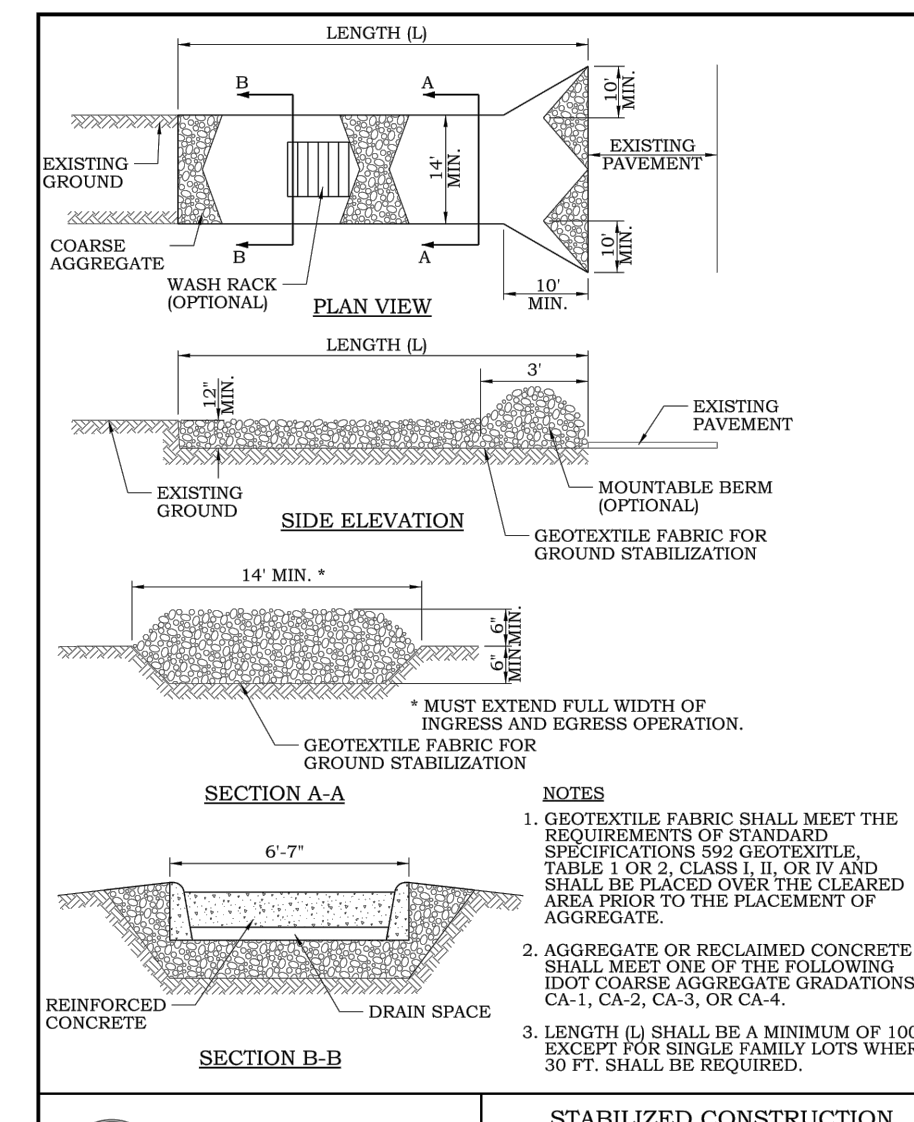
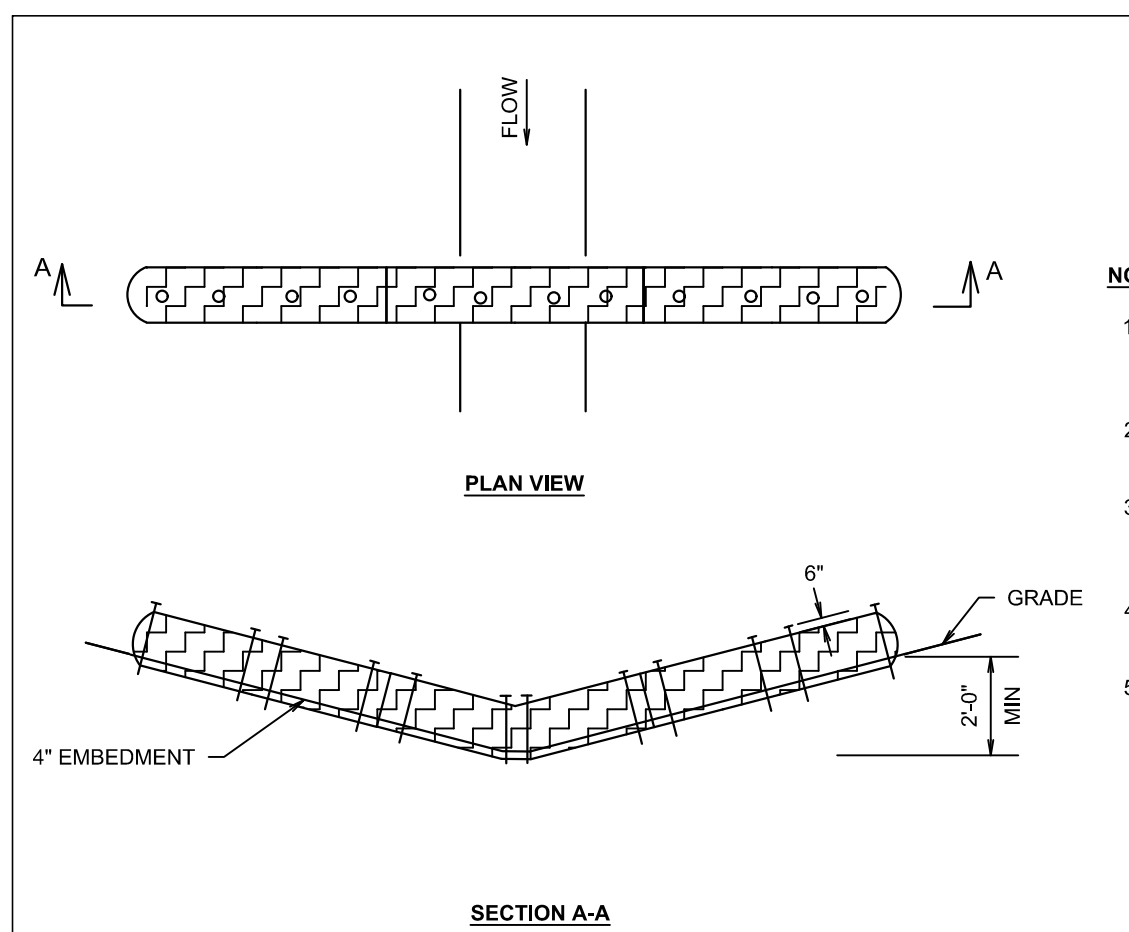
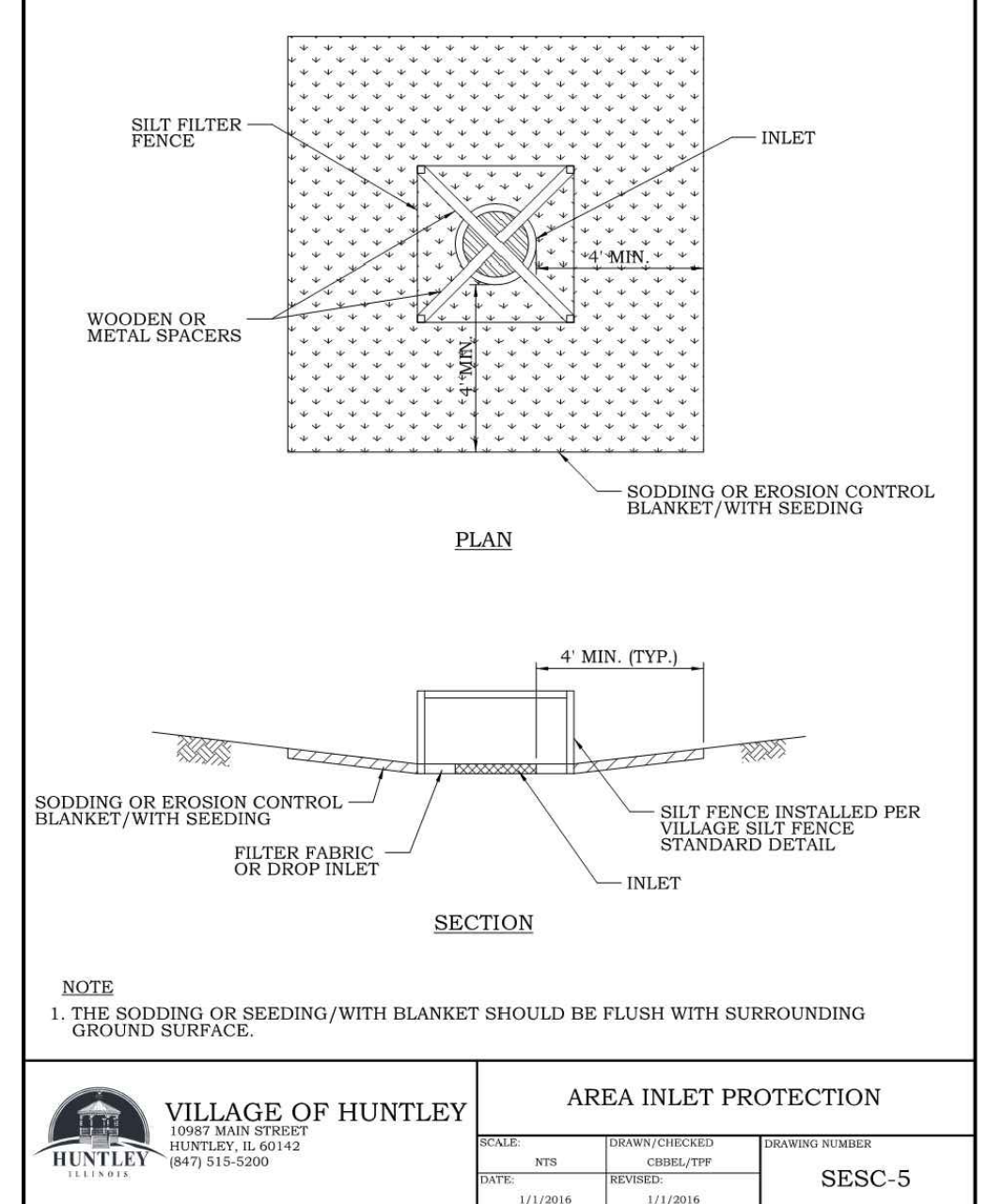
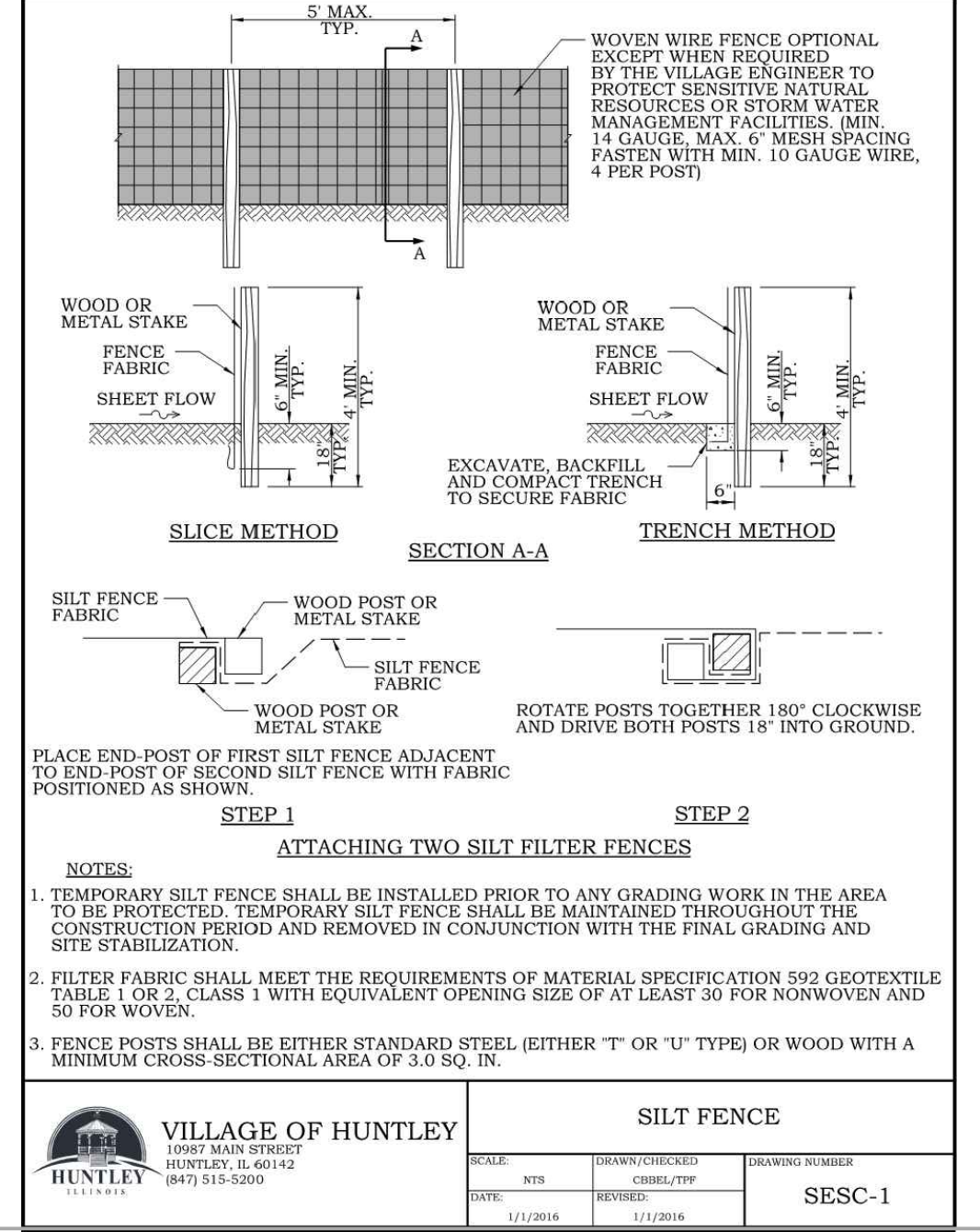
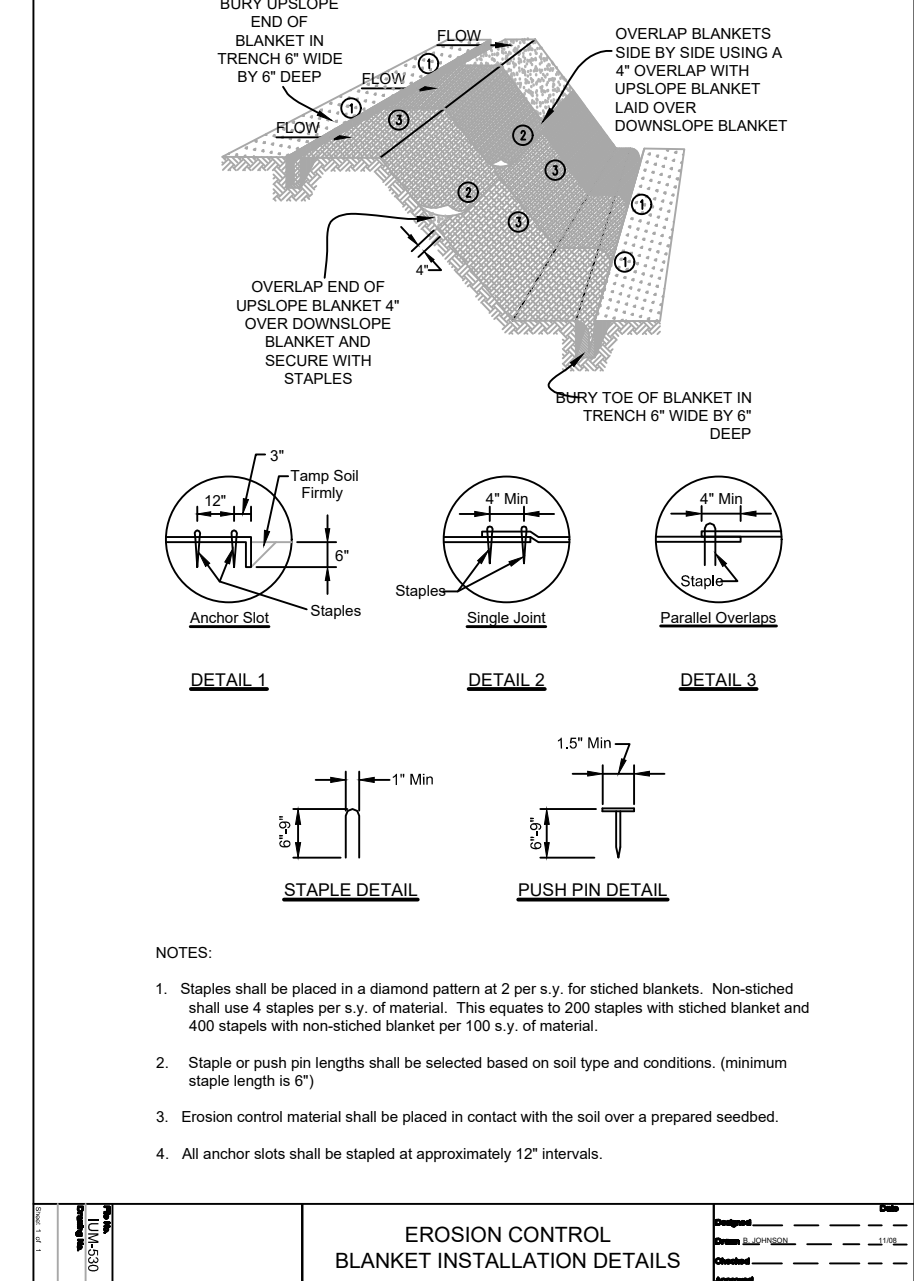
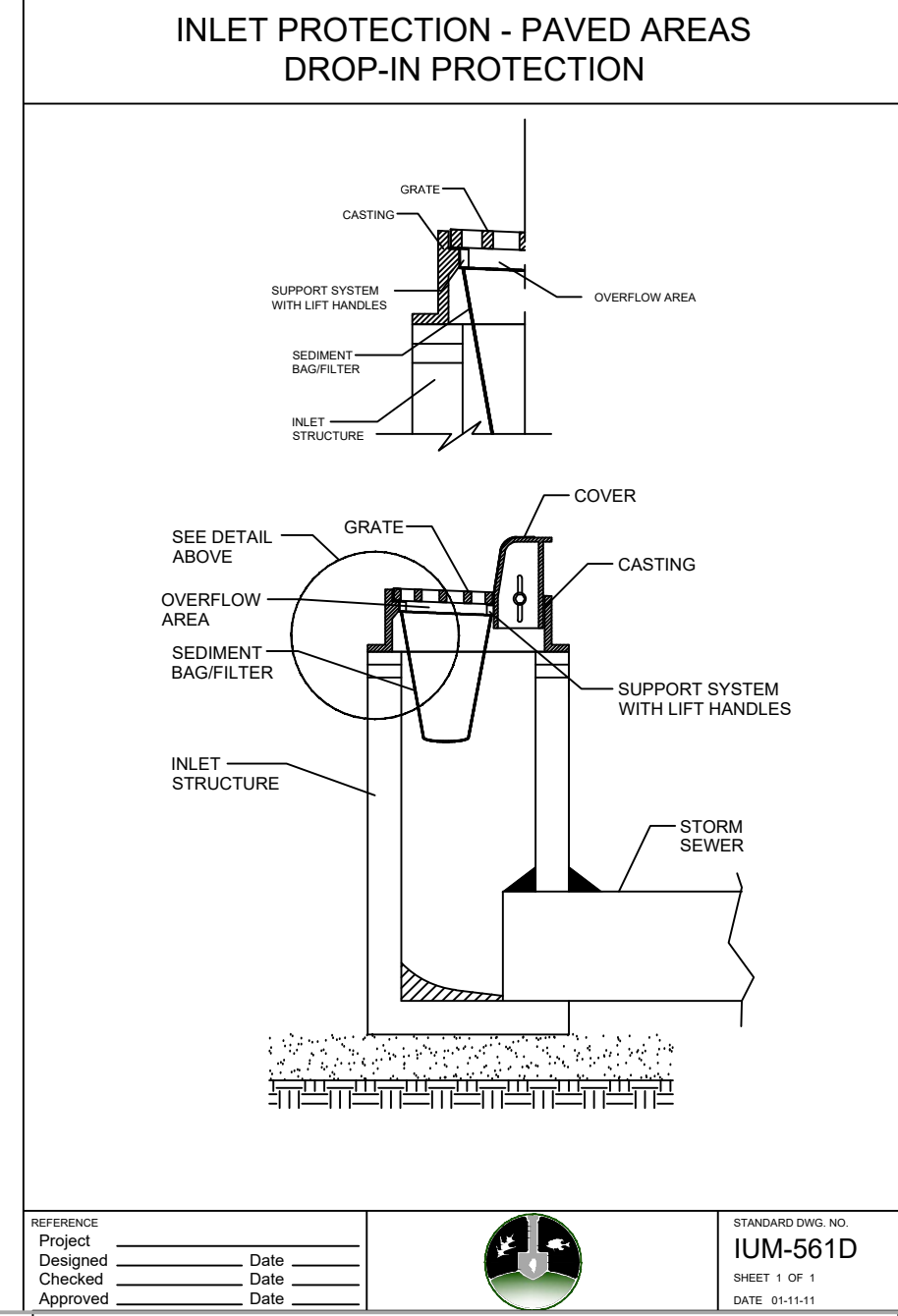
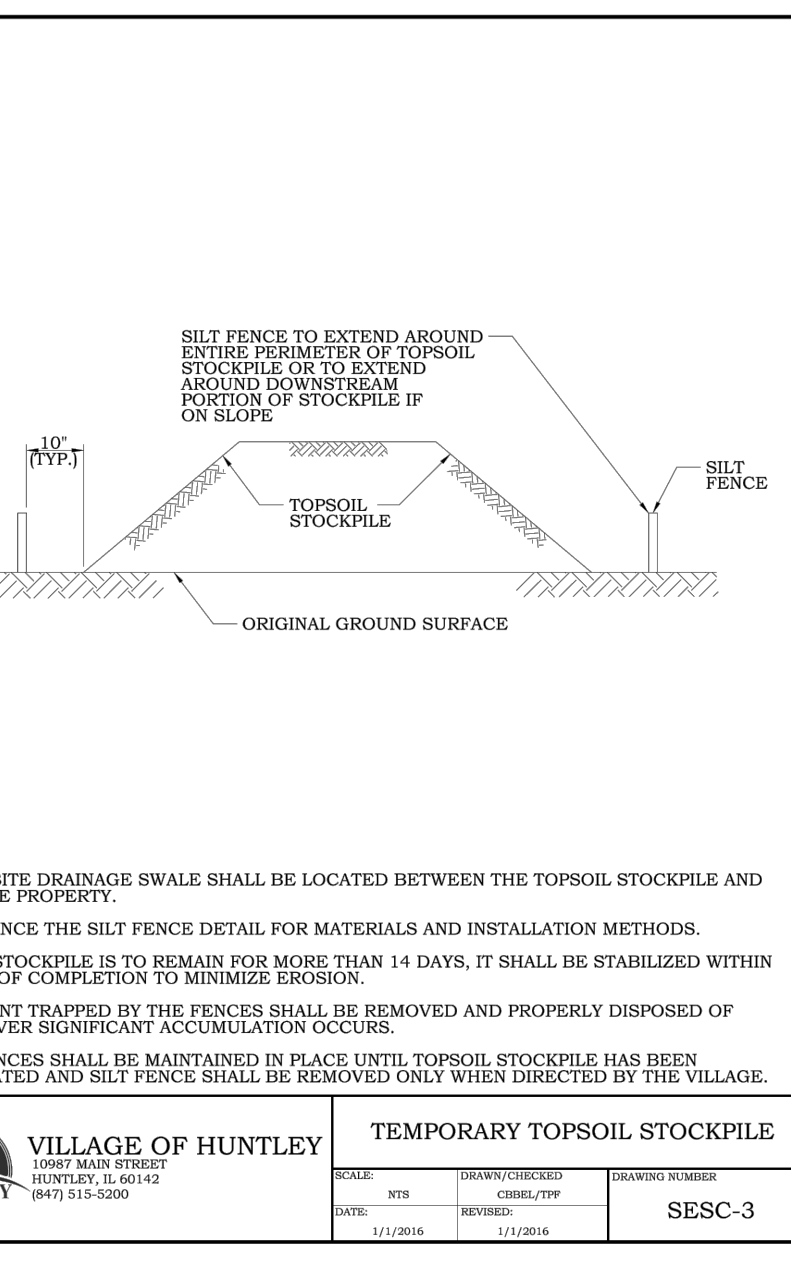
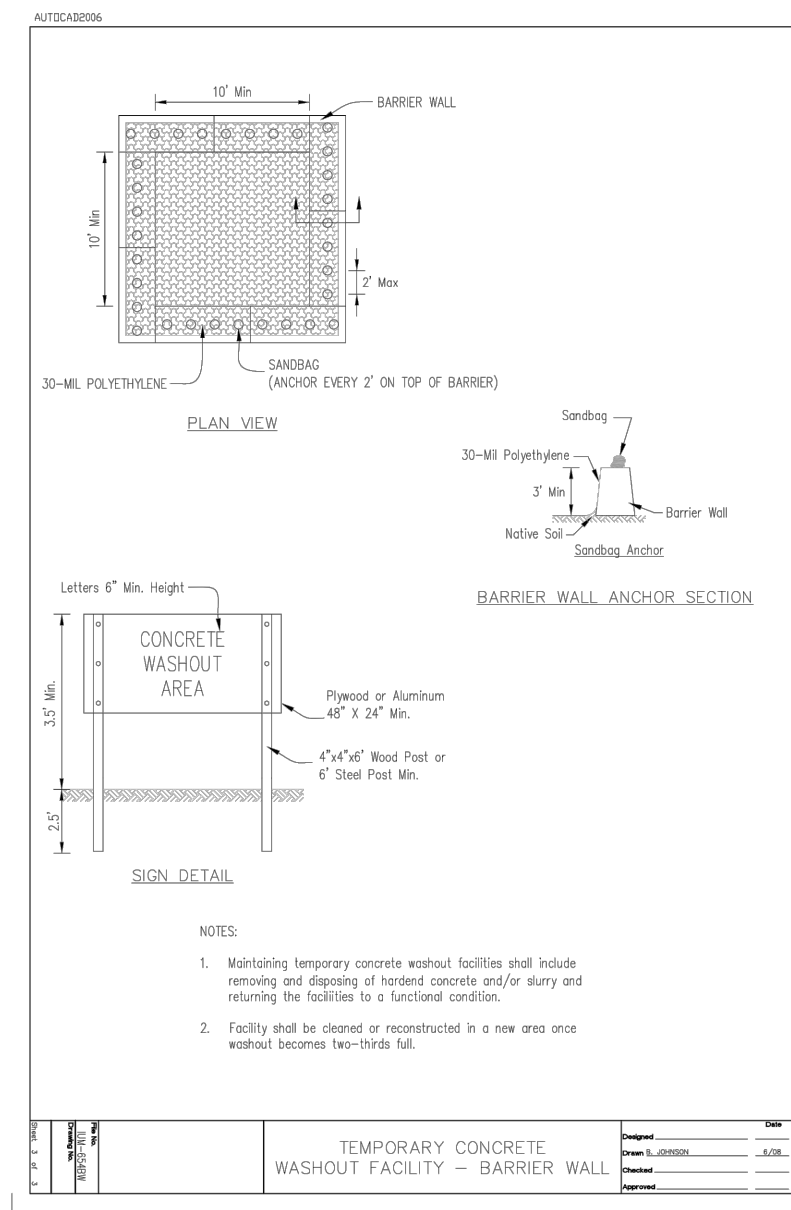
RE-SEED AREAS WHERE SEEDING EMERGENCE IS POOR, OR WHERE EROSION OCCURS, AS SOON AS POSSIBLE. PROTECT FROM VEHICULAR AND FOOT TRAFFIC. CONTROL WEEDS BY MOWING.

STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A		A+					A+		
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			D						
SODDING			E+									
MULCHING	F											

A	KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE	C	SPRING OATS 100 LBS/ACRE	**	IRRIGATION NEEDED DURING JUNE AND JULY
A+	NATIVE SEEDING	D	WHEAT OR CEREAL RYE 150 LBS/ACRE	**	IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD
B	KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE	E	SOD		
		F	STRAW MULCH 2 TONS/ACRE		

SOIL STABILIZATION CHART

SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE CHART		
CONSTRUCTION ACTIVITY	CORRESPONDING EROSION CONTROL MEASURE	RESPONSIBILITY FOR EROSION CONTROL MEASURE
1. SITE CLEARING AND GRUBBING	CONSTRUCTION OF STABILIZED CONSTRUCTION ENTRANCE AND INSTALLATION OF SILT FENCE	EARTHWORK CONTRACTOR
2. CONSTRUCTION OF PROPOSED STORMWATER BASIN.	CONSTRUCTION OF FLARED END SECTION SEDIMENT BASIN	EARTHWORK CONTRACTOR
3. STRIPPING OF TOPSOIL AND MASS GRADING FOR ROADWAYS AND LOT AREAS.	INSPECTION AND MAINTENANCE OF EROSION CONTROL MEASURES	EARTHWORK CONTRACTOR
4. INSTALLATION OF UTILITIES.	INSTALLATION OF INLET SEDIMENT TRAPS AND INLET FILTER BASKETS AT OPEN-GRATED STORM STRUCTURES	UNDERGROUND CONTRACTOR

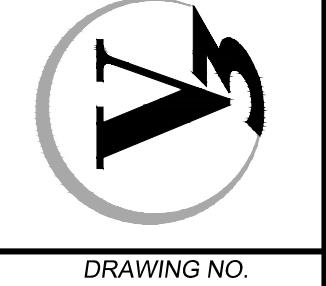


STANDARD	DESCRIPTION
EROSION CONTROL BLANKET	IUM-530 IUM-531 EROSION CONTROL BLANKET, TURF REINFORCEMENT MAT (TRM)
INLET PROTECTION	IUM-531 IUM-531 IUM-561C IUM-561D MANUFACTURED ABOVE GRADE MONOFILAMENT FABRIC BARRIER FENCE IMPERVIOUS AREAS CURB PROTECTION PAVED AREAS DROP-IN PROTECTION LOG TYPE
END SECTION INLET PROTECTION	IL-508ST IL-610 IL-611 CULVERT INLET PROTECTION - STONE PIPE OUTLET TO FLAT AREA PIPE OUTLET TO CHANNEL
DITCH CHECK	IUM-514PC IUM-514RC IUM-514SC IUM-514UP IUM-514VC IUM-605CA IUM-605CB PLASTIC PERMEABLE ROLLED EROSION CONTROL SYNTHETIC POROUS CONTROL URETHANE FOAM GEOTEXTILES VEGETATED EROSION CONTROL ROCK CHECK DAM - COARSE AGGREGATE ROCK CHECK DAM - RIP RAP
DEWATERING	IL-650 SUMP PIT PLAN
CONCRETE WASHOUT	IUM-654BW IUM-654BT IUM-654SB TEMPORARY CONCRETE WASHOUT - BARRIER WALL TEMPORARY CONCRETE WASHOUT - EARTHEN TEMPORARY CONCRETE WASHOUT - STRAW BALE
GENERAL	IUM-501 BACK CUT CURB

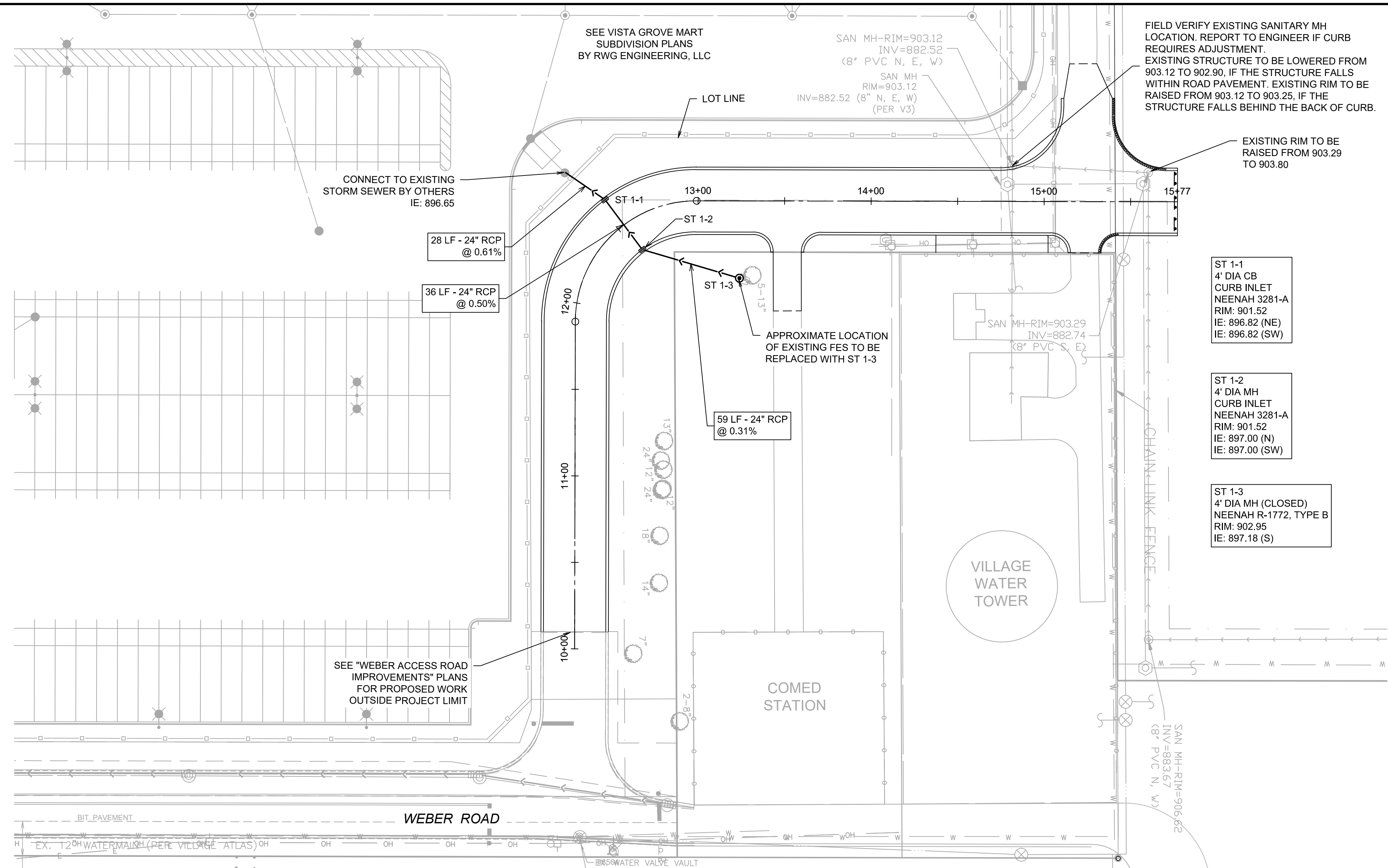
PROJECT NO.	PROJECT MANAGER	DESIGNED BY	DRAWN BY	REVISIONS		ORIGINAL ISSUE DATE: 11-15-2024
				NO.	DATE	
9252G02	DLG	KC	NRS			

EROSION CONTROL DETAILS
HUNTLEY BUSINESS PARK - WATER TOWER ACCESS
ILLINOIS
HUNTLEY

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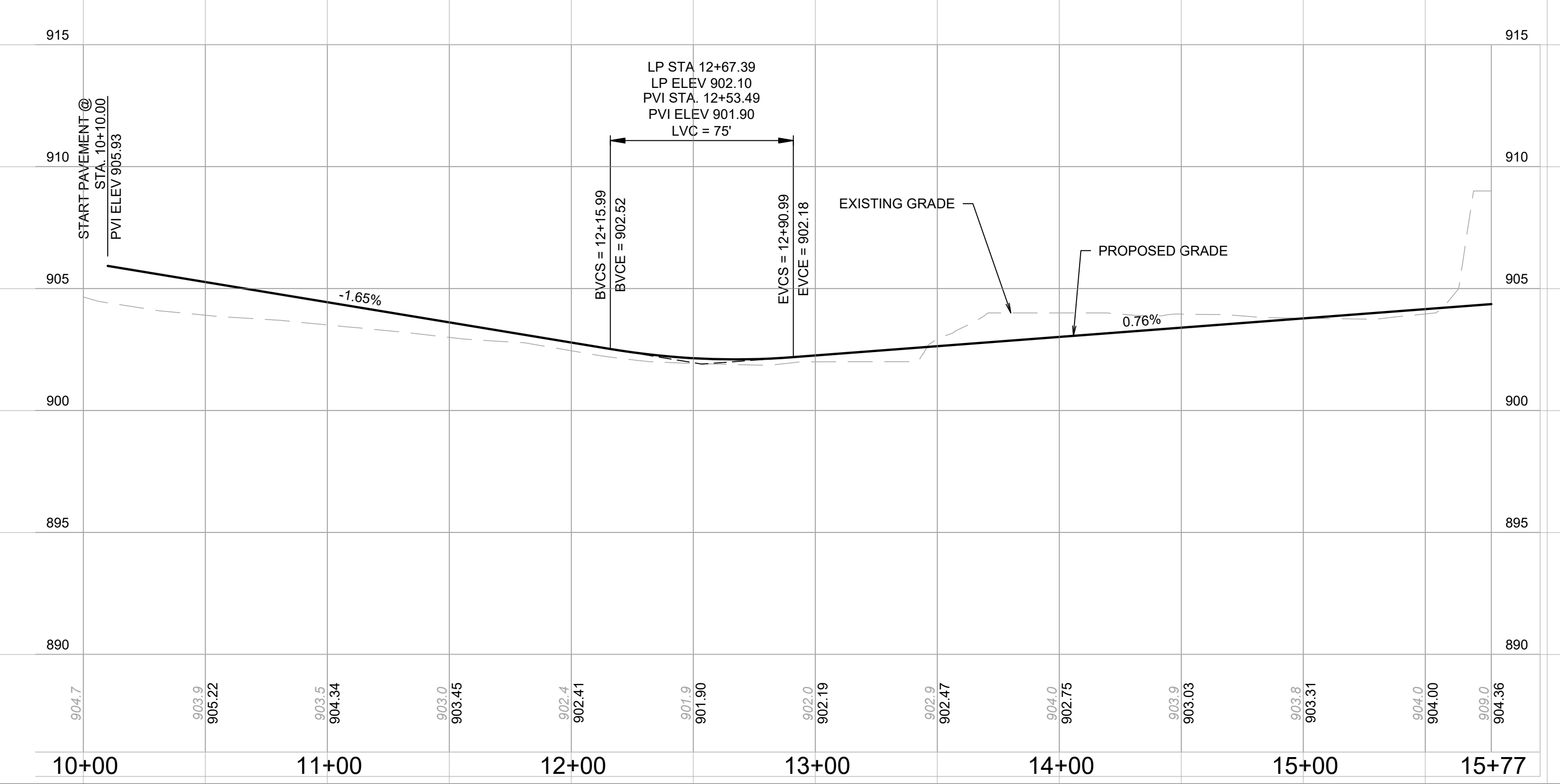
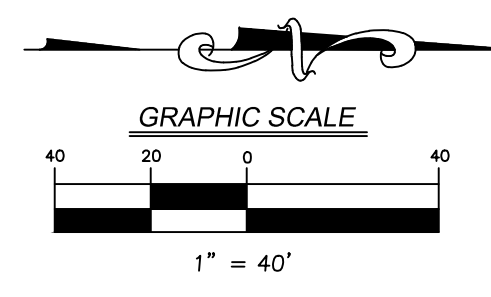


DRAWING NO. **4.2**



UTILITY NOTES:

- CONTRACTOR TO FIELD VERIFY LOCATION, INVERT, AND SIZE OF ALL EXISTING UTILITIES PRIOR TO ORDERING MATERIALS OR BEGINNING UTILITY WORK. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- STORM SEWERS SHALL BE CONSTRUCTED OF THE REINFORCED CONCRETE PIPE (RCP) IN CONFORMANCE WITH IDOT STANDARD SPECIFICATIONS DETERMINATION FOR PIPE CLASS, AND CONFORMING TO ASTM C76. ALL STORM SEWER SHALL HAVE GASKETED JOINTS CONFORMING TO ASTM C-361, UNLESS OTHERWISE NOTED.
- PRECAST STORM SECTIONS SHALL BE SEALED USING BUTYL RUBBER SEALANT.
- THE WORDS "STORM" AND "VILLAGE OF HUNTLEY" SHALL BE CAST INTO THE SURFACE OF STORM LIDS.

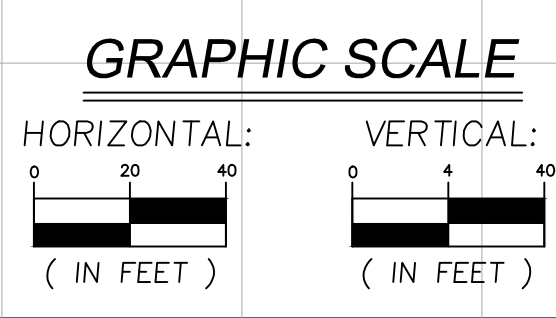


NOTES:

- BVCE - BEGIN OF VERTICAL CURVATURE ELEVATION
- BVCS - BEGIN OF VERTICAL CURVATURE STATION
- EVCE - END OF VERTICAL CURVATURE ELEVATION
- EVCS - END OF VERTICAL CURVATURE STATION
- HP - HIGH POINT
- LP - LOW POINT
- PVI - POINT OF VERTICAL INTERSECTION
- LVC - LENGTH OF VERTICAL CURVE

NOTES:

- CONTRACTOR TO PROVIDE SMOOTH VERTICAL CURVES THROUGH HIGH AND LOW POINTS AS INDICATED BY SPOT ELEVATIONS. PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISTING GRADES. AVOID RIDGES AND DEPRESSIONS.



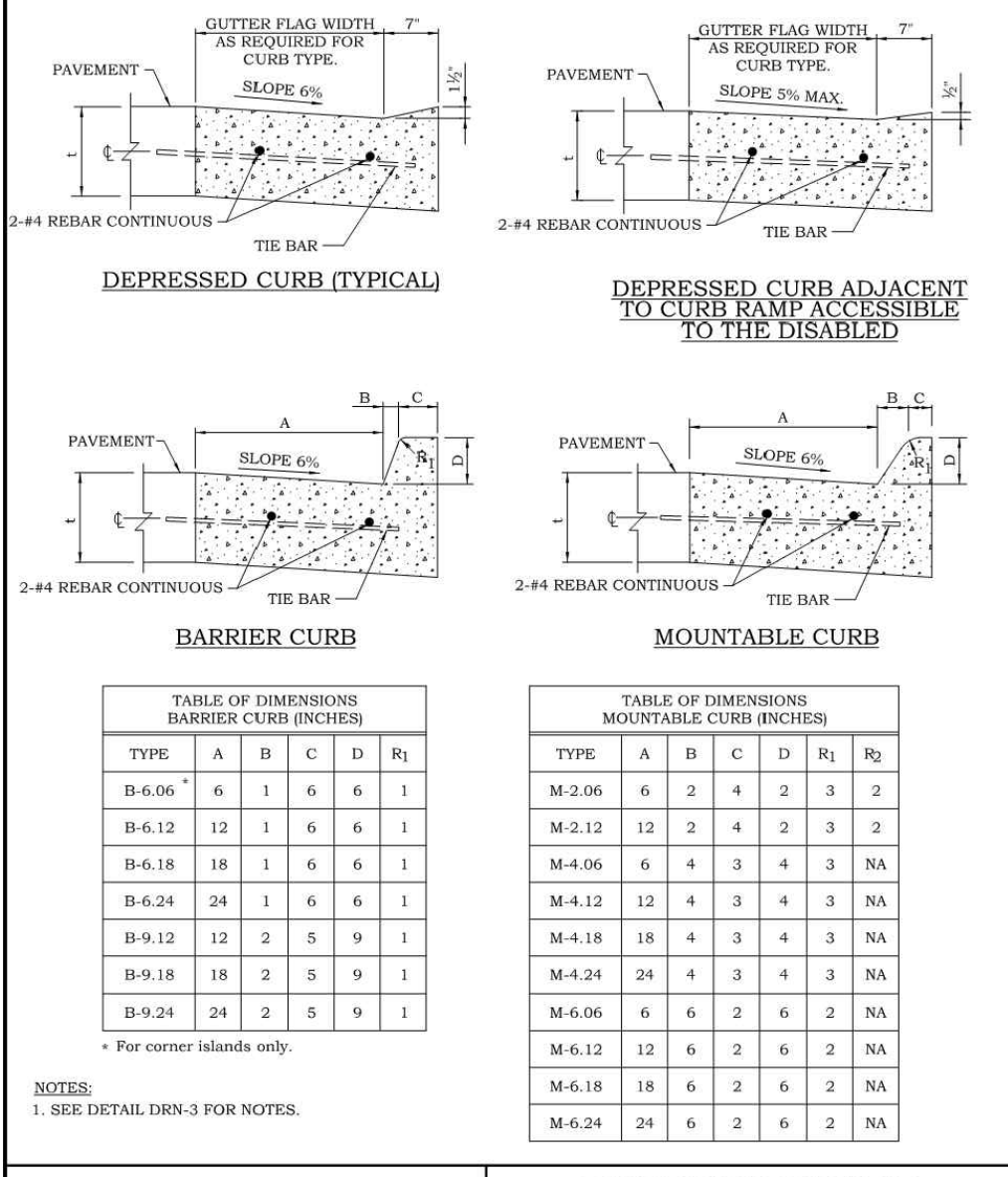
REVISIONS	
NO.	DESCRIPTION

PROJECT NO.: 9252GC02	ORIGINAL ISSUE DATE: 11-15-2024
PROJECT MANAGER: DLG	NO. DATE
DESIGNED BY: KC	DESCRIPTION
DRAWN BY: NRS	NO. DATE

PLAN AND PROFILE ROAD
HUNTLEY BUSINESS PARK - WATER TOWER ACCESS
ILLINOIS

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DRAWING NO.
5.0



VILLAGE OF HUNTLEY
1097 MAIN STREET
HUNTLEY, IL 60142
(847) 515-5200

COMBINATION CONCRETE CURB AND GUTTER

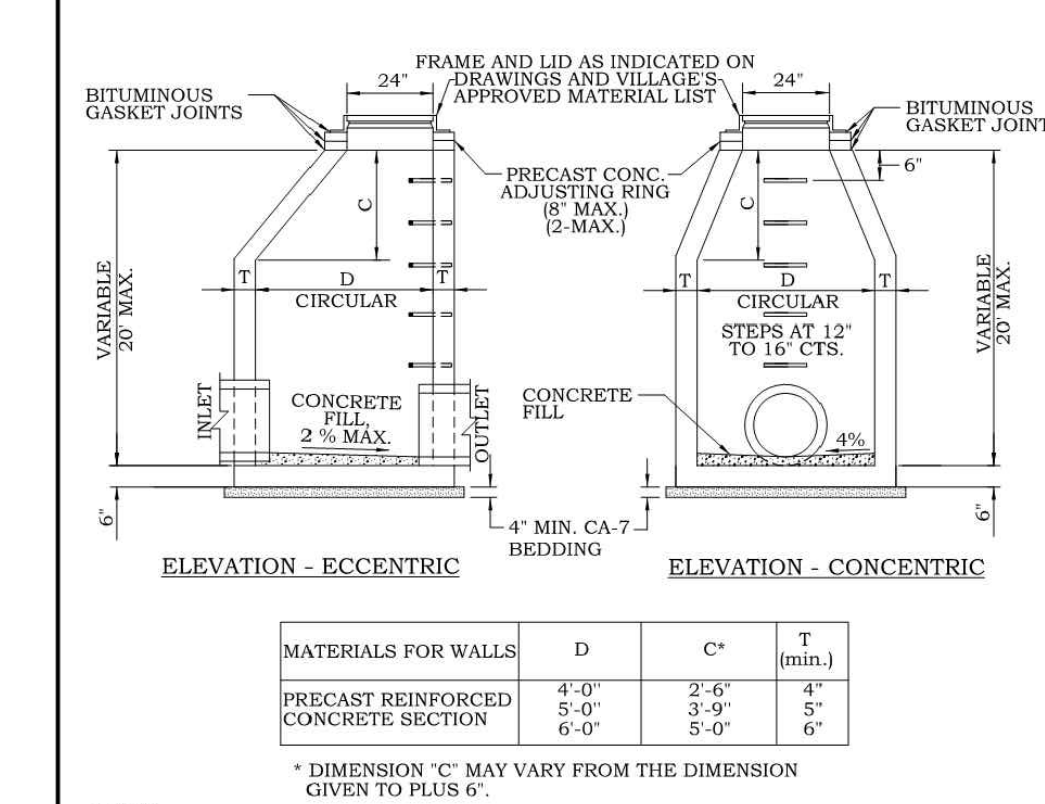
SCALE: NTS
DATE: 1/12/2016
DESIGNED BY: DRN-1

- NOTES:**
- THICKNESS - T - THICKNESS OF PAVEMENT, MINIMUM 9". THICKNESS SHALL MATCH THE TOTAL HMA OR RCC PAVEMENT THICKNESS WHEN TOTAL PAVEMENT THICKNESS IS GREATER THAN 9".
 - DRAINAGE OPENINGS - AT ALL LOCATIONS WHERE METAL CASTINGS ARE INCORPORATED IN THE CURB AND GUTTER, A 1" THICK PREFORMED JOINT FILLER, CONFORMING TO THE CROSS SECTIONS OF THE CURB AND GUTTER SHALL BE INSTALLED A DISTANCE OF 5 FT. FROM EACH SIDE OF THE METAL CASTING. WHEN THE WIDTH OF THE METAL CASTING IS LESS THAN THE WIDTH OF THE CURB AND GUTTER, 2 - NO. 4 EPOXY COATED REBARS (L = 12" + CASTING LENGTH + 12") SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF THE CONCRETE CURB AND GUTTER.
 - JOINTS - IN ADDITION TO THE REQUIREMENTS OF ARTICLE 606 OF THE STANDARD SPECIFICATIONS, JOINTS SHALL BE CONSTRUCTED AS FOLLOWS:
 - CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE INSTALLED IN THE CURB AND GUTTER IN PROLONGATION WITH JOINTS OF ADJACENT P.C.C. PAVEMENT OR BASE COURSE.
 - WHEN CURB AND GUTTER IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, A 1" THICK PREFORMED JOINT FILLER, CONFORMING TO THE CROSS SECTIONS OF THE CURB AND GUTTER SHALL BE INSTALLED AT POINTS OF CURVATURE FOR SHORT RADII CURVES.
 - ALL EXPANSION JOINTS SHALL BE PROVIDED WITH TWO 1 1/4" DIA. X 18" COATED SMOOTH DOWEL BAR CONFORMING TO ARTICLE 1006.11B OF THE STANDARD SPECIFICATIONS. THE DOWEL BAR SHALL BE FITTED WITH A CAP HAVING A PINCHED STOP THAT WILL PROVIDE 1" OF EXPANSION.
 - CONSTRUCTION JOINT SPACING 12 MAX.
 - EXPANSION JOINT SPACING 84' MAX.
 - REINFORCEMENT - ALL CURB AND GUTTER SHALL CONTAIN 2-#4 REBAR CONTINUOUS THROUGHOUT. RIGID PAVEMENT ONLY: #6 TIE BARS SHALL BE PLACED AT 24" CENTERS. THE BAR MINIMUM CLEARANCE FROM BACK OF CURB SHALL BE 2".
 - AN IDOT APPROVED CURING COMPOUND MUST BE PLACED ON THE FINISHED CONCRETE PER IDOT STANDARD SPECIFICATIONS 1020.13 AND 1022.01 IDOT APPROVED PALLS OR DRUMS SHALL BE INSPECTED/WITNESSED BY THE VILLAGE OF HUNTLEY OR VILLAGE REPRESENTATIVE, NON IDOT APPROVED CURING/SEALING PRODUCTS WILL BE PROHIBITED.
 - ALL CURB/GUTTER SHALL BE INSTALLED ON A MINIMUM 4" COMPACTED CA-6 SUBBASE THAT SHALL EXTEND A MINIMUM OF 6" FROM THE BACK OF CURB UNLESS OTHERWISE INDICATED.
 - CURB SHALL BE STAMPED WITH A "W" INDICATING THE LOCATION OF WATER SERVICES AND STAMPED WITH A "S" INDICATING THE LOCATION OF SANITARY SEWER SERVICES.
 - ALL WORK AND MATERIAL SHALL CONFORM TO IDOT STANDARD SPECIFICATION ART 606 UNLESS OTHERWISE SPECIFIED.

VILLAGE OF HUNTLEY
1097 MAIN STREET
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CONCRETE CURB AND GUTTER NOTES

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DESIGNED BY: DRN-3

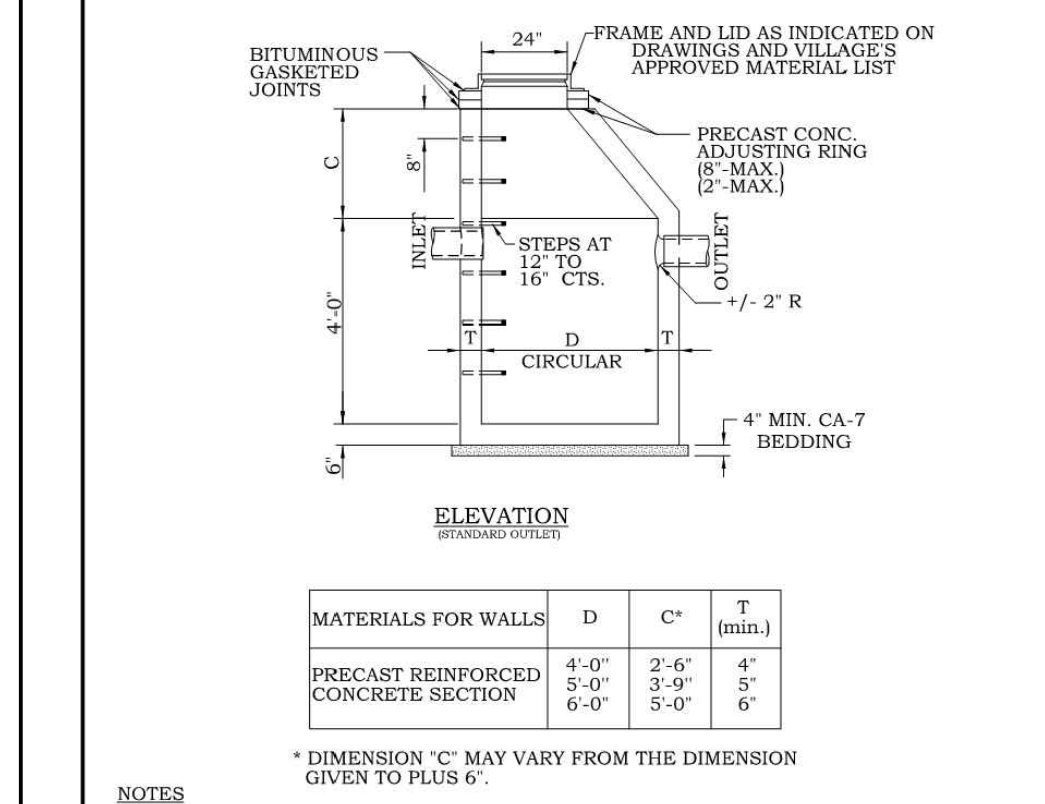


- NOTES:**
- USE ECCENTRIC CONES UNLESS OTHERWISE INDICATED ON THE DRAWING. FLAT TOP SLABS PERMITTED ONLY FOR MANHOLES TOO SHALLOW FOR CONES.
 - USE 4'-0" DIAMETER FOR SEWER SIZES THRU 21", 5'-0" DIAMETER FOR SEWER SIZES 24" THRU 30", 6'-0" DIAMETER FOR SEWER SIZES GREATER THAN 30", UNLESS OTHERWISE NOTED.
 - EXTERNAL CHIMNEY SEALS PER THE VILLAGE'S APPROVED MATERIAL LIST SHALL BE INSTALLED ON ALL STRUCTURES WHEN LOCATED WITHIN LIMITS OF PAVED SURFACES. THE MANHOLE RIM SHALL BE 1/2" BELOW PAVEMENT GRADE. EXTERNAL CHIMNEY SEALS MAY BE ELIMINATED FOR STRUCTURES LOCATED OUTSIDE OF LIMITS OF PAVED SURFACES.
 - EXTERNAL CHIMNEY SEALS PER THE VILLAGE'S APPROVED MATERIAL LIST SHALL BE INSTALLED ON ALL STRUCTURES WHEN LOCATED WITHIN CURB LINES.
 - UNLESS OTHERWISE SPECIFIED CONSTRUCTION AND MATERIAL SHALL CONFORM TO IDOT STD. SPEC. ART. 602.
 - REMOVE TOP TWO MANHOLE STEPS PRIOR TO FINAL INSPECTION.

VILLAGE OF HUNTLEY
1097 MAIN STREET
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STORM MANHOLE TYPE A

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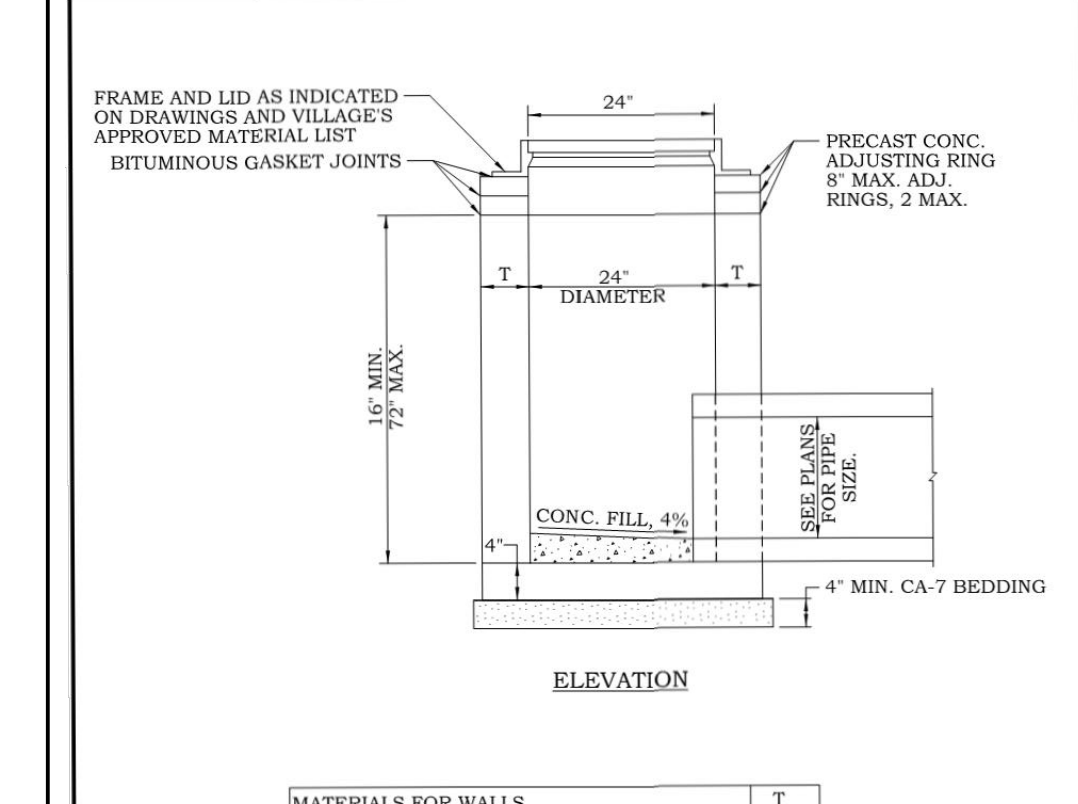


- NOTES:**
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 - REMOVE TOP TWO MANHOLE STEPS PRIOR TO FINAL INSPECTION.

VILLAGE OF HUNTLEY
1097 MAIN STREET
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CATCH BASIN TYPE A

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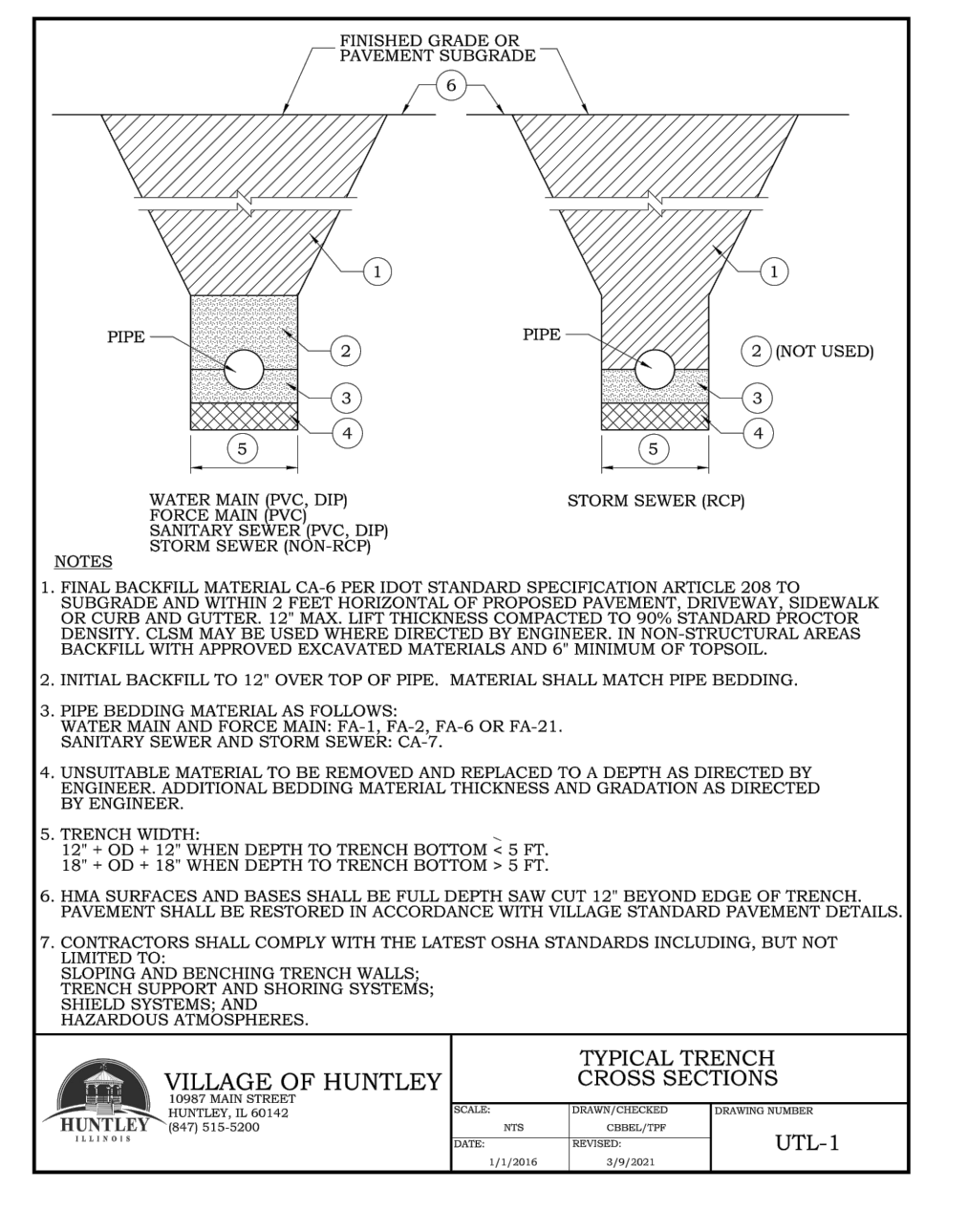


- NOTES:**
- UNLESS OTHERWISE SPECIFIED CONSTRUCTION AND MATERIALS SHALL CONFORM TO IDOT STD. SPEC. ART. 602.
 - EXTERNAL CHIMNEY SEALS PER THE VILLAGE'S APPROVED MATERIAL LIST SHALL BE INSTALLED ON ALL STRUCTURES WHEN LOCATED WITHIN LIMITS OF PAVED SURFACES. THE INLET RIM SHALL BE 1/2" BELOW PAVEMENT GRADE. EXTERNAL CHIMNEY SEALS MAY BE ELIMINATED FOR STRUCTURES LOCATED OUTSIDE LIMITS OF PAVED SURFACES.
 - EXTERNAL CHIMNEY SEALS PER THE VILLAGE'S APPROVED MATERIAL LIST SHALL BE INSTALLED ON ALL STRUCTURES WHEN LOCATED WITHIN CURB LINES.
 - BOTTOM SLABS MAY BE CONNECTED TO THE RISER AS DETERMINED BY THE FABRICATOR; HOWEVER, ONLY A SINGLE ROW OF REINFORCEMENT AROUND THE PERIMETER MAY BE UTILIZED.

VILLAGE OF HUNTLEY
1097 MAIN STREET
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INLET TYPE A

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DESIGNED BY: DRN-7



STREET CLASSIFICATION	MINIMUM PAVEMENT REQUIREMENTS
MAJOR ARTERIAL	6" AGGREGATE BASE COURSE 8" P.C. CONCRETE OR 6" AGGREGATE BASE COURSE 8" HOT-MIX ASPHALT BASE COURSE 2.5" HOT-MIX ASPHALT BINDER COURSE 2" HOT-MIX ASPHALT SURFACE COURSE
SECONDARY ARTERIAL	6" AGGREGATE BASE COURSE 8" P.C. CONCRETE OR 6" AGGREGATE BASE COURSE 7" HOT-MIX ASPHALT COURSE 2.5" HOT-MIX ASPHALT BINDER COURSE 2" HOT-MIX ASPHALT SURFACE COURSE
COLLECTOR - INDUSTRIAL/COMMERCIAL LOCAL - INDUSTRIAL/COMMERCIAL	6" AGGREGATE BASE COURSE 8" P.C. CONCRETE OR 6" AGGREGATE BASE COURSE 8" HOT-MIX ASPHALT BASE COURSE 2.5" HOT-MIX ASPHALT BINDER COURSE 2" HOT-MIX ASPHALT SURFACE COURSE
COLLECTOR - RESIDENTIAL	4" AGGREGATE BASE COURSE 6" HOT-MIX ASPHALT BASE COURSE 2.5" HOT-MIX ASPHALT BINDER COURSE 2" HOT-MIX ASPHALT SURFACE COURSE
LOCAL - RESIDENTIAL	10" AGGREGATE BASE COURSE 2.5" HOT-MIX ASPHALT BINDER COURSE 2" HOT-MIX ASPHALT SURFACE COURSE

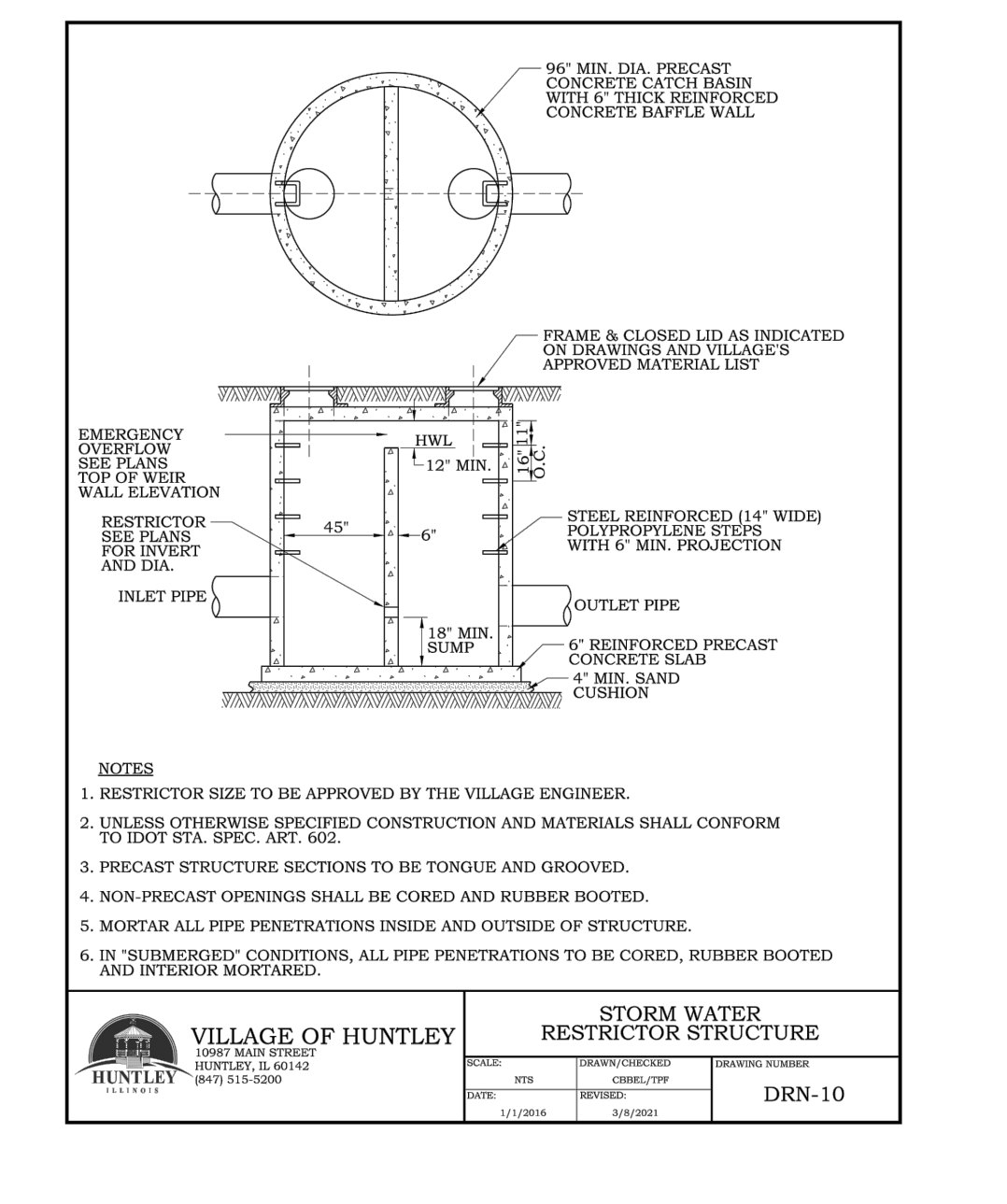
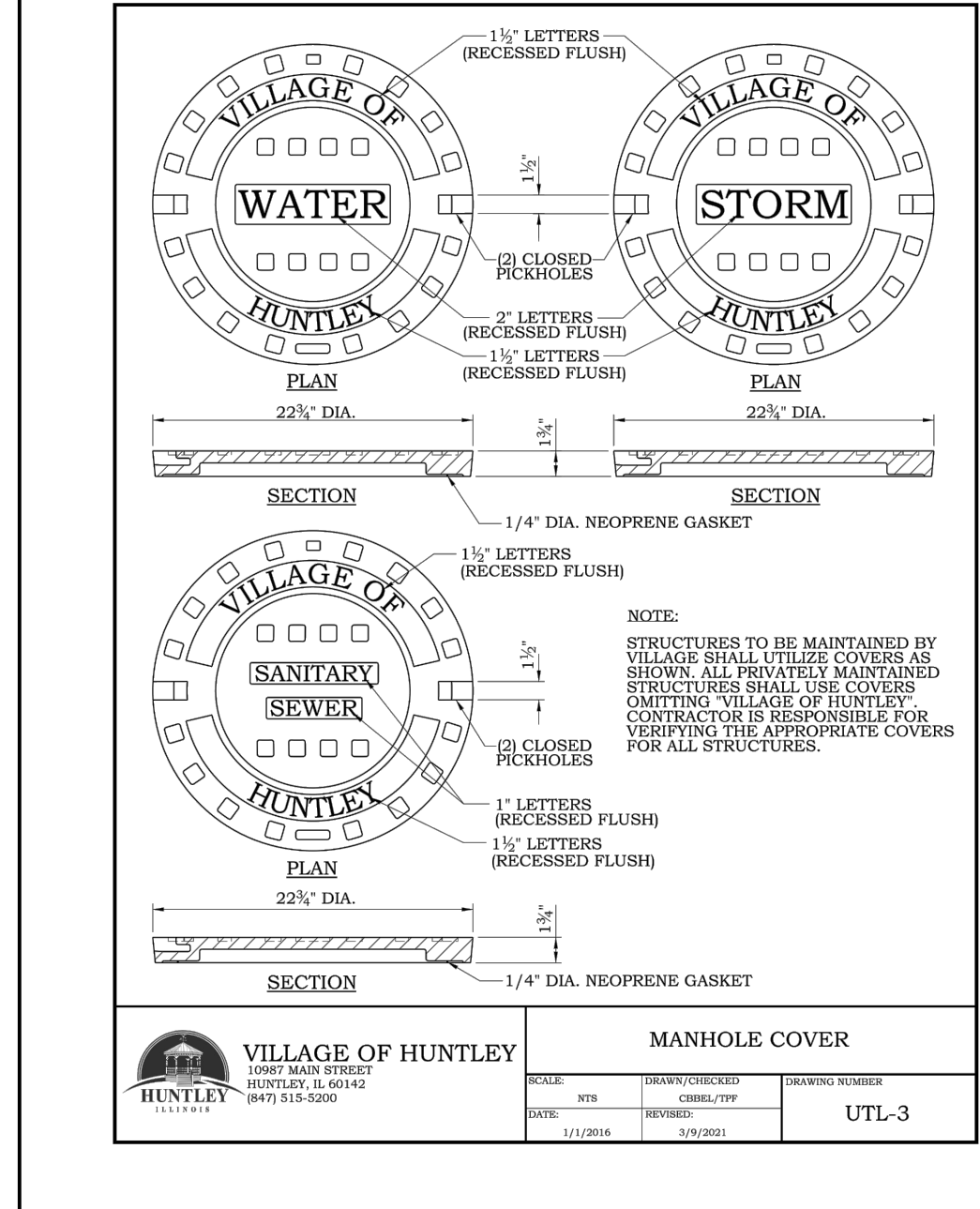
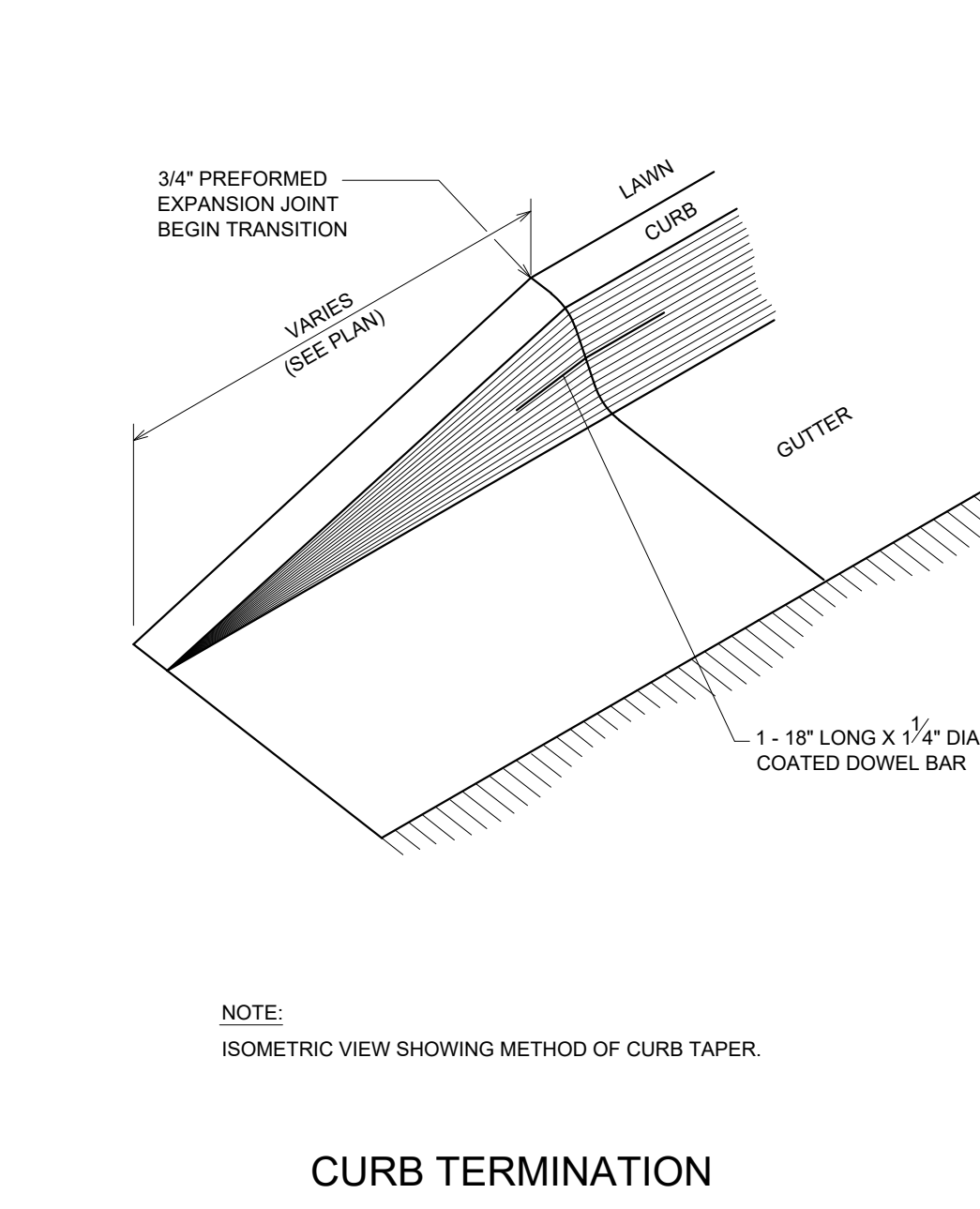
NOTES:

- SECTIONS REPRESENT THE MINIMUM CROSS SECTIONS ALLOWED.
- HOT MIX ASPHALT SURFACE AND BINDER COURSE SHALL CONFORM TO IDOT DISTRICT 1 LOCAL ROAD HMA MIN SELECTION TABLE.
- PORTLAND CEMENT CONCRETE SHALL CONFORM TO IDOT CLASS PV.
- ALL SUBGRADE SHALL HAVE A MINIMUM ILLINOIS BEARING RATIO (IBR) OF 3.0 AND BE COMPACTED TO AT LEAST 90% MODIFIED PROCTOR DENSITY (ASTM D-1557)

VILLAGE OF HUNTLEY
1097 MAIN STREET
HUNTLEY, IL 60142
(847) 515-5200

MINIMUM PAVEMENT REQUIREMENTS ROADWAY

SCALE: NTS
DATE: 1/12/2016
DESIGNED BY: PVT-5



REVISIONS

NO.	DATE	DESCRIPTION

ORIGINAL ISSUE DATE: 11-15-2024

CONSTRUCTION DETAILS

HUNTLEY BUSINESS PARK - WATER TOWER ACCESS

HUNTLEY ILLINOIS

PROJECT NO.: 9252G02
PROJECT MANAGER: DLG
DESIGNED BY: KC
DRAWN BY: NRS

7325 Janes Avenue
Woodridge, IL 60517
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V3

DRAWING NO.
6.0