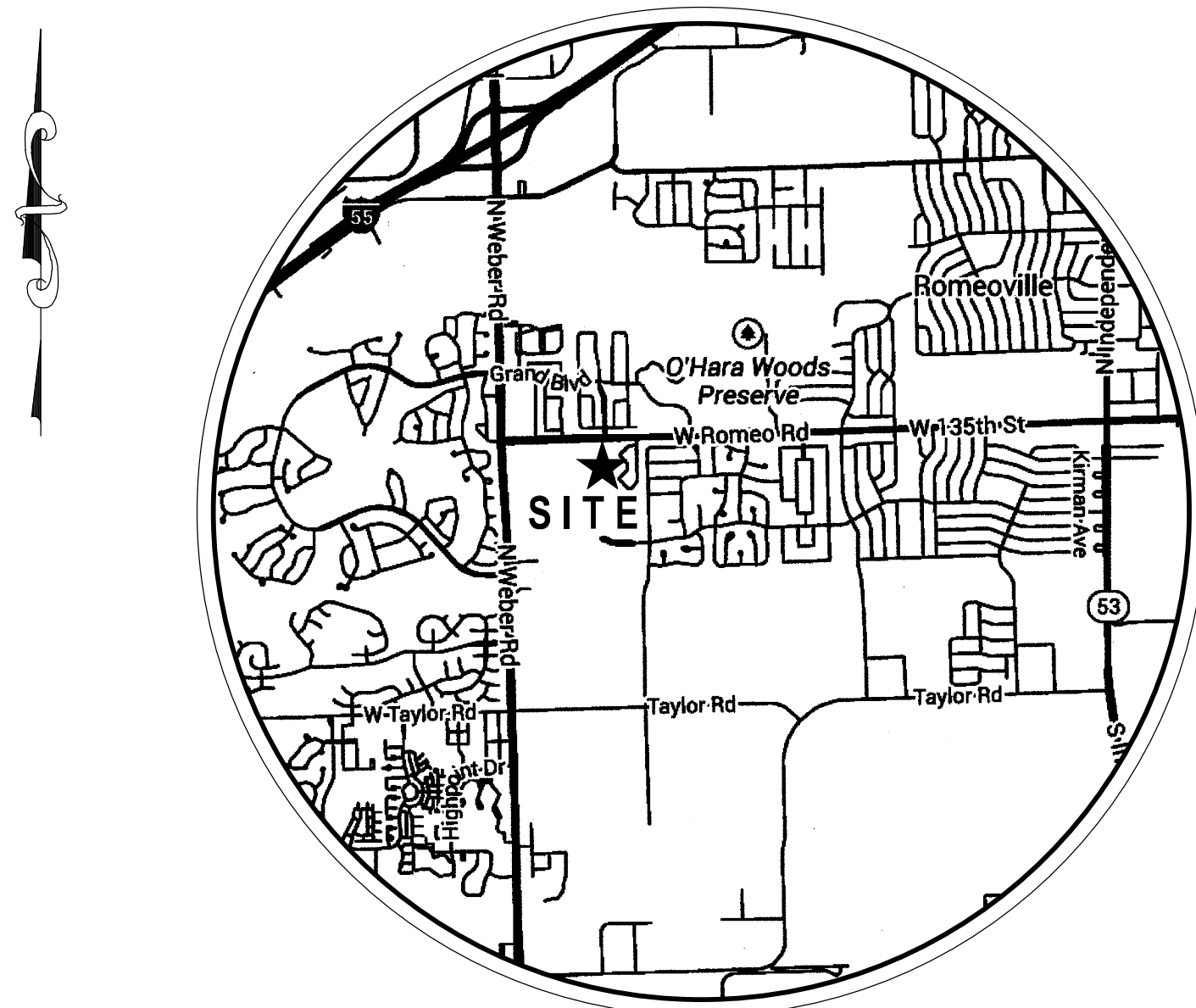


Improvement Plans for 135th STREET

JOLIET JUNIOR COLLEGE - ROMEOVILLE CAMPUS

Village of Romeoville Will County, Illinois



SITE LOCATION MAP
NOT TO SCALE

<u>INDEX OF ENGINEERING SHEETS</u>	
<u>SHEET No.</u>	<u>DESCRIPTION</u>
C0.0	COVER SHEET
C1.0	EXISTING CONDITIONS
C2.0	DEMOLITION PLAN
C3.0	PROPOSED SITE IMPROVEMENT PLAN
C4.0	PROPOSED SITE GEOMETRY PLAN
C5.0	EROSION CONTROL PLAN
C5.1	EROSION CONTROL NOTES AND DETAILS
C6.0	GENERAL NOTES AND CONSTRUCTION DETAILS (1 OF 2)
C6.1	CONSTRUCTION DETAILS (2 OF 2)
C7.0	135th STREET CROSS-SECTIONS

VILLAGE CONTACT INFORMATION:

MR. JONATHON ZABROCKI, P.E.
c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE NO. (815) 866-1870

LAND SURVEYOR / ENGINEER:

RUETTIGER, TONELLI & ASSOCIATES, INC.
129 CAPISTA DRIVE
SHOREWOOD, ILLINOIS 60404
Ph. (815) 744-6600

OWNER / DEVELOPER:

JOLIET JUNIOR COLLEGE
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 402) LOCATED ON THE SOUTH SIDE
OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53.
ELEVATION = 628.26 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BOWNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY
ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN.
ELEVATION = 672.58 (NAVD 88) FIELD VERIFY BENCHMARK.

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c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE: (815) 866-1870

STATE OF ILLINOIS)
COUNTY OF WILL) SS

I, JOSEPH P. HAMMER, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY AND VILLAGE ORDINANCES.

I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THE EROSION CONTROL PLAN ON SHEET 28 HAS BEEN PREPARED UNDER MY SUPERVISION BY RUETTIGER, TONELLI & ASSOCIATES, INC., AND COMPLIES WITH THE URBAN SOIL EROSION CONTROL & STANDARDS IN ILLINOIS MANUAL (LATEST EDITION) AND GENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THESE IMPROVEMENT PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION BY RUETTIGER, TONELLI & ASSOCIATES, INC., ILLINOIS PROFESSIONAL DESIGN FIRM No. 184-001251.

DATED THIS _____ DAY OF _____, _____

JOSEPH P. HAMMER IL P.E. No. 062-053186 (EXPIRES 11-30-2017)

TO ENSURE AUTHENTICITY OF THIS DRAWING, IT MUST BEAR THE EMBOSSED SEAL OF THE DESIGN FIRM OR PROFESSIONAL LICENSEE WHO PREPARED THIS DRAWING.

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R E V I S I O N S					
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DOCUMENTATION:

PROJECT No.: 20150053.00
DATE: 3-08-2016
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.

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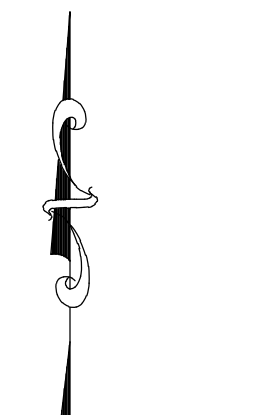
PROJECT TITLE:
135th STREET IMPROVEMENTS
JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446

DRAWING TITLE:
COVER SHEET

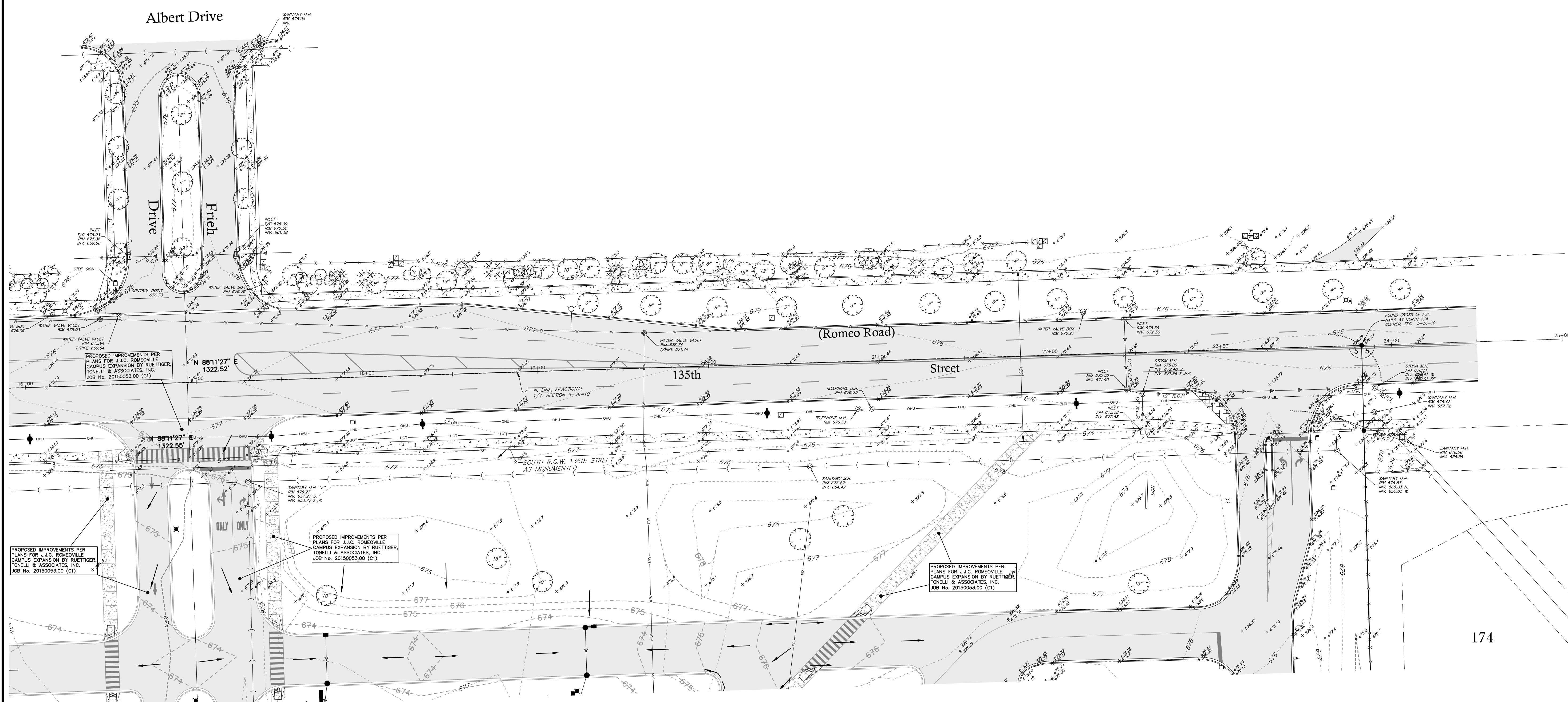
DRAWING No.
315-0053-C3

SCALE:
AS NOTED

ENGINEERING DEPARTMENT
SHEET C0.0



GRAPHIC SCALE
 (IN FEET)
 1 inch = 30 ft.



LEGEND	
XXXXXX	EXISTING ELEVATION
---	EXISTING CONTOUR
OHU	EXISTING OVERHEAD UTILITY LINE
◆	EXISTING UTILITY POLE
□	EXISTING ELECTRIC CONTROL BOX
⊠	EXISTING ELECTRIC PEDESTAL
⊙	EXISTING ELECTRIC METER
⊕	EXISTING ELECTRIC HANDHOLE
---	EXISTING UNDERGROUND ELECTRIC LINE
UT	EXISTING UNDERGROUND TELEPHONE LINE
FO	EXISTING UNDERGROUND FIBER OPTIC LINE
G	EXISTING UNDERGROUND GASMAIN
⊗	EXISTING LIGHT
⊙	EXISTING GAS METER
⊠	EXISTING PHONE BOX
⊠	EXISTING FLAG POLE
⊠	EXISTING SIGN
⊕	EXISTING CABLE T.V. HANDHOLE
⊕	EXISTING CABLE T.V. PEDESTAL
⊕	EXISTING TELEPHONE PEDESTAL
⊕	EXISTING MANHOLE (AS NOTED)
⊕	EXISTING SANITARY SEWER
⊕	EXISTING STORM INLET
⊕	EXISTING STORM SEWER
⊕	EXISTING WATERMAIN
⊕	EXISTING WATER SERVICE
⊕	EXISTING FIRE HYDRANT
⊕	EXISTING WATER VALVE IN VAULT
⊕	EXISTING WATER VALVE IN BOX
⊕	EXISTING BUFFALO BOX
⊕	EXISTING TREE OR BUSH LINE
⊕	EXISTING METLAND LIMITS
⊕	EXISTING TREES W/ SIZE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
mas.	MEASURED
rec.	RECORDED
calc.	CALCULATED
●	FOUND SURVEY MONUMENT
■	SET 1/8" FROM UNLESS OTHERWISE NOTED

EXISTING CONDITIONS NOTE:
 1.) EXISTING UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS OF JULLIE MARKINGS, ABOVE GROUND EVIDENCE AND PROVIDED COMPANY UTILITY MAPS AS NOTED AT THE TIME OF THIS SURVEY. CONTACT JULLIE PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO BE PROTECTED, RELOCATED OR REMOVED BASED ON MUNICIPAL AND UTILITY COMPANY GUIDELINES. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES.

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 CHECKED BY: J.H.



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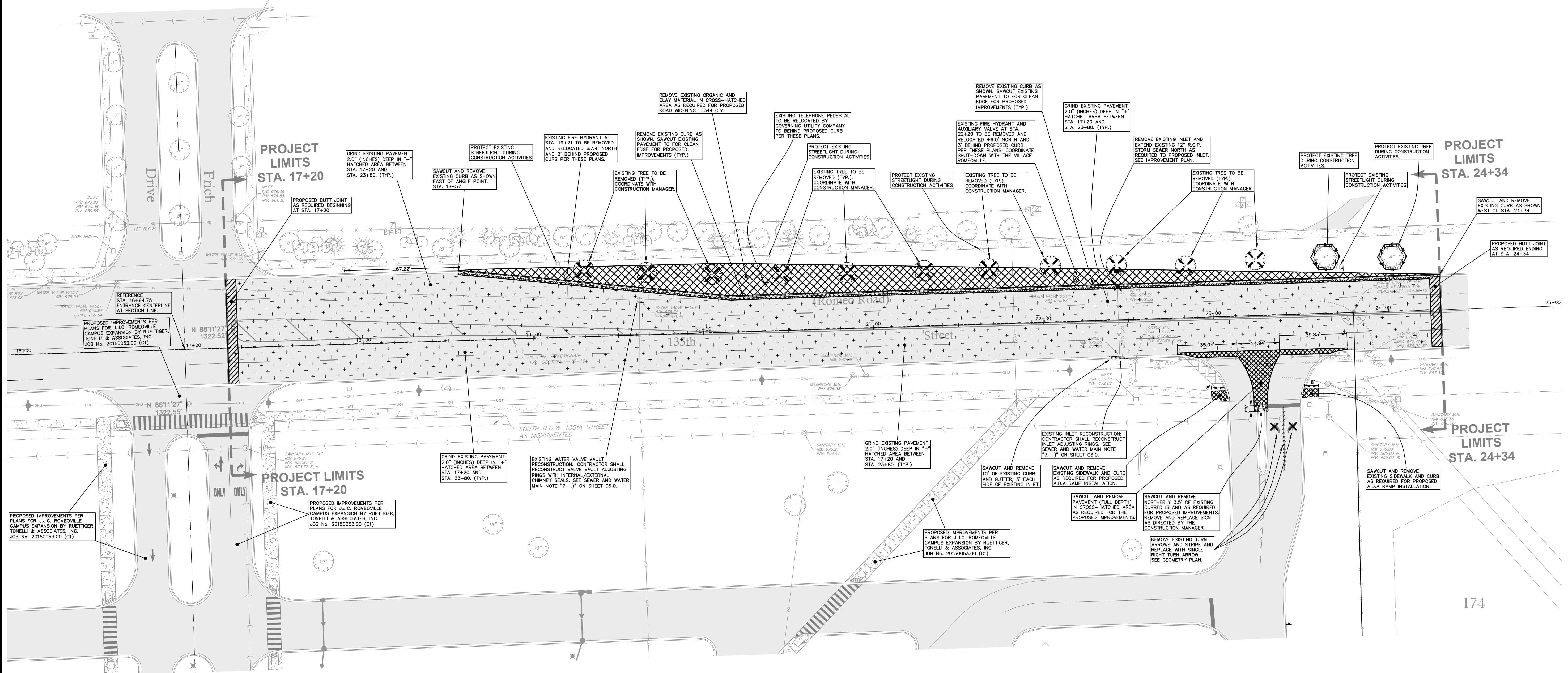
PROJECT TITLE:
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JOLIET JUNIOR COLLEGE
ROMEORVILLE CAMPUS
1125 WEST 135th STREET
ROMEORVILLE, ILLINOIS 60446

DRAWING TITLE:
EXISTING CONDITIONS

DRAWING No.
315-0053-C3
 SCALE:
AS NOTED
 ENGINEERING DEPARTMENT
SHEET C1.0

N:\Drawings\20150053\Engineering\Plan_SheetC1.dwg, 4/13/2016 10:48:58 AM, ppena

Albert Drive



GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

LEGEND

- XXXXXX EXISTING ELEVATION
- EXISTING OVERHEAD UTILITY LINE
- EXISTING UTILITY POLE
- EXISTING ELECTRIC CONTROL BOX
- EXISTING ELECTRIC PEDESTAL
- EXISTING ELECTRIC METER
- EXISTING ELECTRIC HANDLE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING UNDERGROUND FIBER OPTIC LINE
- EXISTING UNDERGROUND GAS MAIN
- EXISTING LIGHT
- EXISTING GAS METER
- EXISTING PHONE BOX
- EXISTING FLAG POLE
- EXISTING SIGN
- EXISTING CABLE T.V. HANDLE
- EXISTING CABLE T.V. PEDESTAL
- EXISTING TELEPHONE PEDESTAL
- EXISTING MANHOLE (AS NOTED)
- EXISTING SANITARY SEWER
- EXISTING STORM INLET
- EXISTING STORM SEWER
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE IN VAULT
- EXISTING WATER VALVE IN BOX
- EXISTING BUFFALO BOX
- EXISTING TREE OR BUSH LINE
- EXISTING TREES W/ SIZE TO REMAIN
- EXISTING TREES TO BE REMOVED
- EXISTING TREE TO BE PROTECTED (SEE DETAIL ON SHEET 34)
- XXXXXX EXISTING ITEM TO BE REMOVED AS NOTED
- +++++ AREA OF 2" SURFACE GRIND PER THESE PLANS
- EXISTING CURB TO BE REMOVED AS NOTED

- DEMOLITION PLAN NOTES:**
- 1) CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
 - 2) SAWCUT ALL PAVEMENT, CURB AND SIDEWALK JOINTS.
 - 3) FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND USE MUNICIPAL AND UTILITY COMPANY GUIDELINES FOR UTILITIES TO BE RELOCATED OR REMOVED. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES, THE CONSTRUCTION MANAGER AND DESIGNATED JJC REPRESENTATIVES.
 - 4) ALL MATERIAL NOTED AS "TO BE REMOVED" SHALL BE DISPOSED OF PROPERLY OFFSITE INCLUDING TREES, STUMPS, ROOTS AND SHRUBS UNLESS OTHERWISE NOTED.
 - 5) EXISTING ROADWAY AND PARKING AREAS SHALL REMAIN CLEAR AND FREE OF ANY DEBRIS.

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DOCUMENTATION:
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DATE: 3-08-2016
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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website: www.ruettigertonnelli.com

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JOLIET JUNIOR COLLEGE
ROMEORVILLE CAMPUS
1125 WEST 135th STREET
ROMEORVILLE, ILLINOIS 60446**

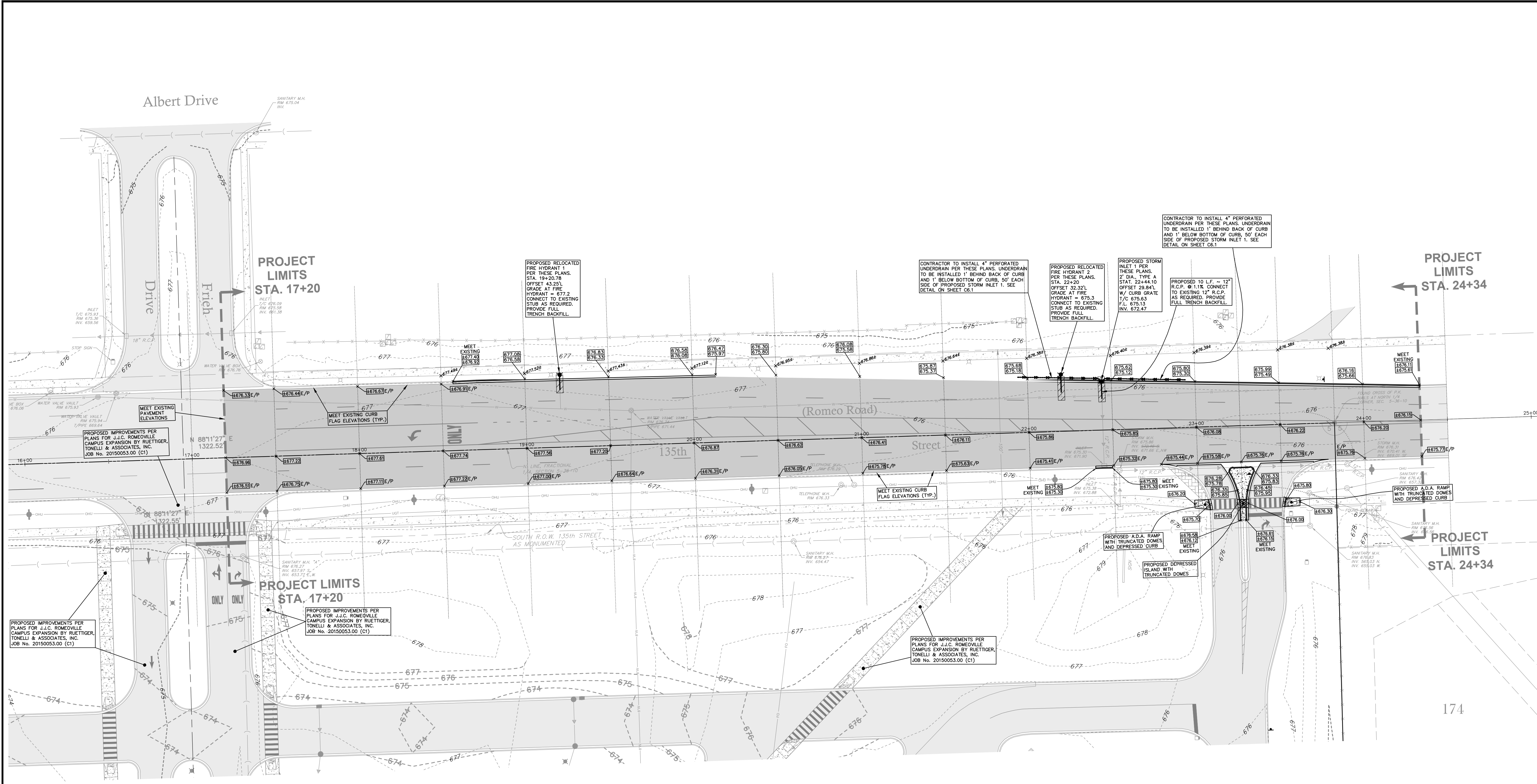
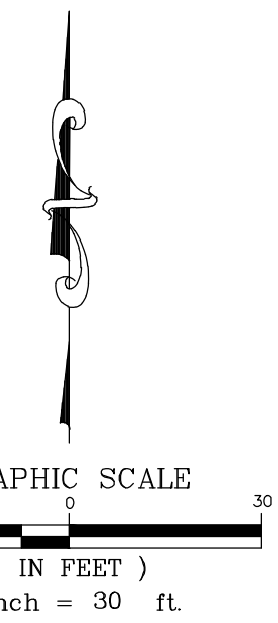
DRAWING TITLE:
DEMOLITION PLAN

DRAWING No.
315-0053-C3

SCALE:
AS NOTED

ENGINEERING DEPARTMENT
SHEET C2.0

N:\Projects\20150053\Engineering\Plan_Sheet\2.0 - Demolition Plan.dwg, Layout1 - 4/15/2016 10:46:55 AM, mshahar



LEGEND	
XXXXXX	EXISTING ELEVATION
XXXXXX	EXISTING CONTOUR PER ORIGINAL TOP
XXXXXX	PROPOSED CONTOUR PER PREVIOUS PLANS
CHU	EXISTING OVERHEAD UTILITY LINE
U	EXISTING UTILITY POLE
⊕	EXISTING ELECTRIC CONTROL BOX
⊕	EXISTING ELECTRIC PEDESTAL
⊕	EXISTING ELECTRIC METER
⊕	EXISTING ELECTRIC HANDBOLE
U	EXISTING UNDERGROUND ELECTRIC LINE
U	EXISTING UNDERGROUND TELEPHONE LINE
U	EXISTING UNDERGROUND FIBER OPTIC LINE
U	EXISTING UNDERGROUND GASMAIN
⊕	EXISTING LIGHT
⊕	EXISTING GAS METER
⊕	EXISTING PHONE BOX
⊕	EXISTING FLAG POLE
⊕	EXISTING SIGN
⊕	EXISTING CABLE T.V. HANDBOLE
⊕	EXISTING CABLE T.V. PEDESTAL
⊕	EXISTING TELEPHONE PEDESTAL
⊕	EXISTING HANDBOLE (AS NOTED)
⊕	EXISTING SANITARY SEWER
⊕	EXISTING STORM INLET
⊕	EXISTING STORM SEWER
⊕	EXISTING WATERMAIN
⊕	EXISTING WATER SERVICE
⊕	EXISTING FIRE HYDRANT
⊕	EXISTING WATER VALVE IN VAULT
⊕	EXISTING WATER VALVE IN BOX
⊕	EXISTING BUFFALO BOX
⊕	PROPOSED STORM SEWER
⊕	PROPOSED PERFORATED UNDERDRAIN
⊕	PROPOSED STORM INLET
⊕	PROPOSED WATERMAIN W/ SIDE
⊕	PROPOSED FIRE HYDRANT
⊕	PROPOSED WATER VALVE AS NOTED
⊕	PROPOSED TRENCH BACKFILL
XXXXXX	PROPOSED ELEVATION
XXXXXX	PROPOSED TOP OF CURB ELEVATION
XXXXXX	PROPOSED FLOW LINE ELEVATION
F.F.	FINISHED FLOOR
T/C	TOP OF CURB
F.L.	FLOW LINE
R.C.P.	REINFORCED CONCRETE PIPE
H.W.L.	HIGH WATER LEVEL
---	EXISTING CURB
---	PROPOSED CURB
---	EXISTING PAVEMENT AREA
---	PROPOSED PAVEMENT AREA. SEE PROPOSED SITE GEOMETRY PLAN FOR DESIGN.

SEE SHEET C7.0 FOR 135th STREET CROSS-SECTIONS

- PROPOSED SITE GRADING NOTES:**
- UNLESS OTHERWISE NOTED, ALL PROPOSED GRADES ARE EITHER FINISHED PAVEMENT ELEVATIONS OR FINISHED LANDSCAPE ELEVATIONS.
 - CONTRACTOR TO PREVENT EROSION ONTO EXISTING PAVEMENT.
 - GRADE SLOPE SHALL NOT EXCEED 4 TO 1.

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 DRAWN BY: R.P.
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RT & A
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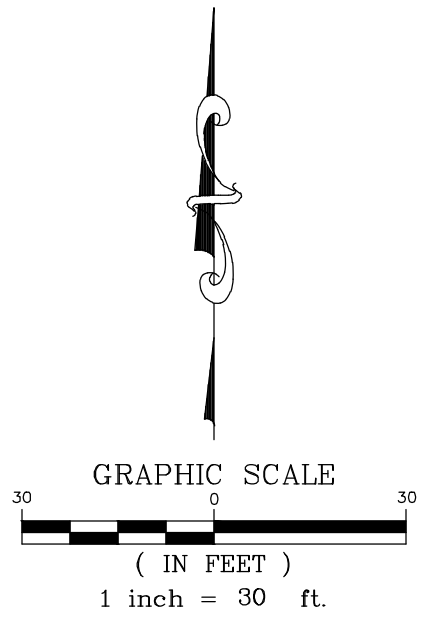
PROJECT TITLE:
135th STREET IMPROVEMENTS
JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446

DRAWING TITLE:
PROPOSED SITE IMPROVEMENT PLAN

DRAWING No.
 315-0053-C3
SCALE:
 AS NOTED
ENGINEERING DEPARTMENT
SHEET C3.0

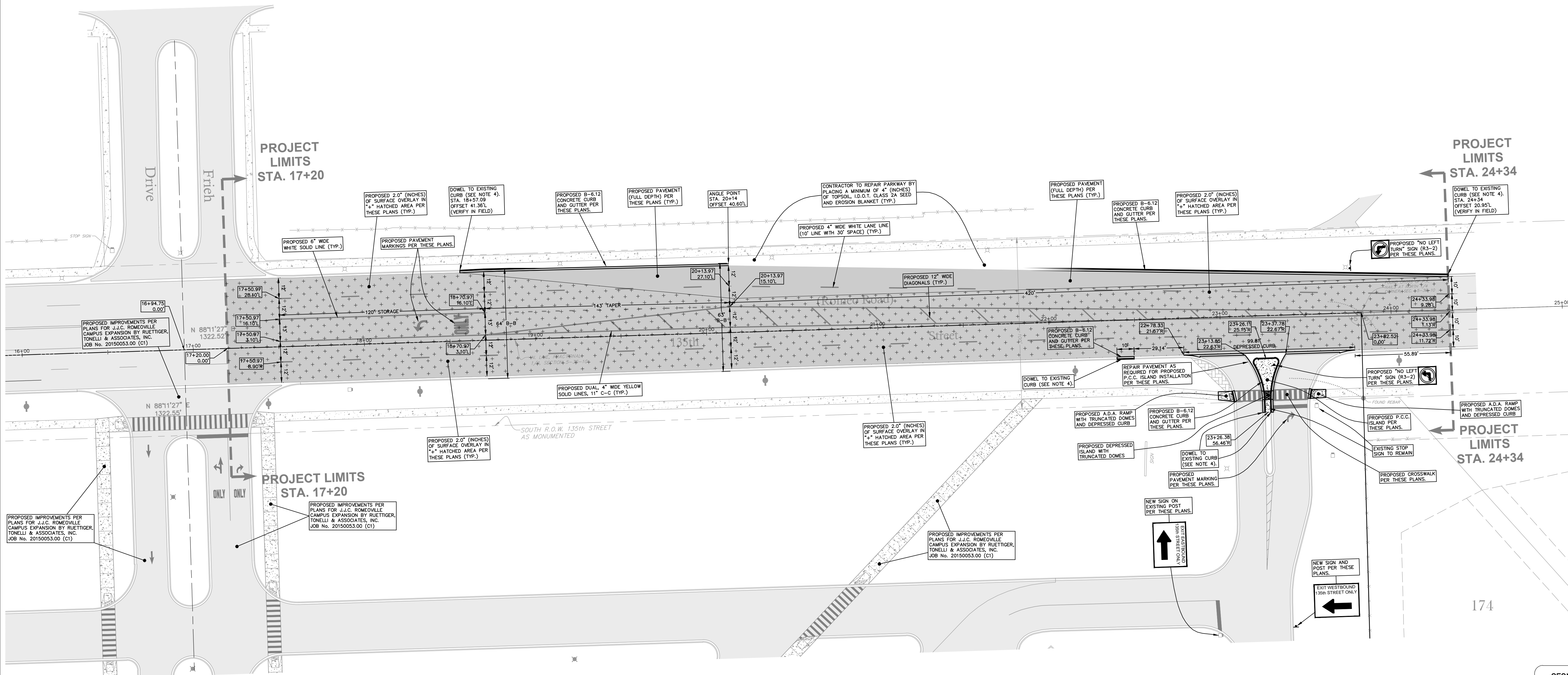
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Albert Drive



PROJECT LIMITS
STA. 17+20

PROJECT LIMITS
STA. 24+34



LEGEND	
	EXISTING CURB
	PROPOSED CURB
	EXISTING ASPHALT PAVEMENT AREA
	PROPOSED PAVEMENT AREA (FULL DEPTH)
	PROPOSED 2.0" SURFACE OVERLAY AREA
	ARC DISTANCE
	BACK OF CURB DISTANCE
	FACE TO FACE OF CURB DISTANCE
	FACE OF WALK DISTANCE
	BACK TO BACK OF CURB DISTANCE
	EDGE TO EDGE OF PAVEMENT DISTANCE
	EDGE OF PAVEMENT DISTANCE
	PROPOSED SIGN

- GEOMETRIC PLAN NOTES**
- 1.) ALL SIGNS SHALL MEET THE REQUIREMENTS AND STANDARDS OF THE U.S. DEPT. OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION; THE ILLINOIS ADMINISTRATIVE CODE, LATEST ADDITION; AND ALL LOCAL ORDINANCES.
 - 2.) UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE SHOWN TO THE BACK OF THE CURBLINE WHERE APPLICABLE.
 - 3.) ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER I.D.O.T. STANDARDS.
 - 4.) ALL NEW CURB AND GUTTER TO BE INTO EXISTING CURB AND GUTTER SHALL BE DOWELED TOGETHER. THREE (3) DRILLED AND GROUTED NO. 5 REINFORCING BARS OR EXPANSION ANCHORS, 5/8" IN DIAMETER, SHALL BE USED TO TIE THE NEW CURB AND GUTTER TO THE EXISTING CURB AND GUTTER.

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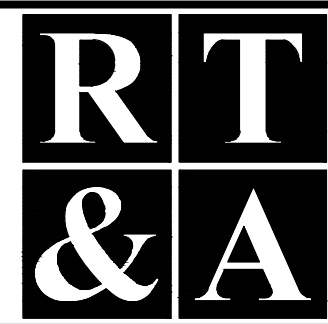
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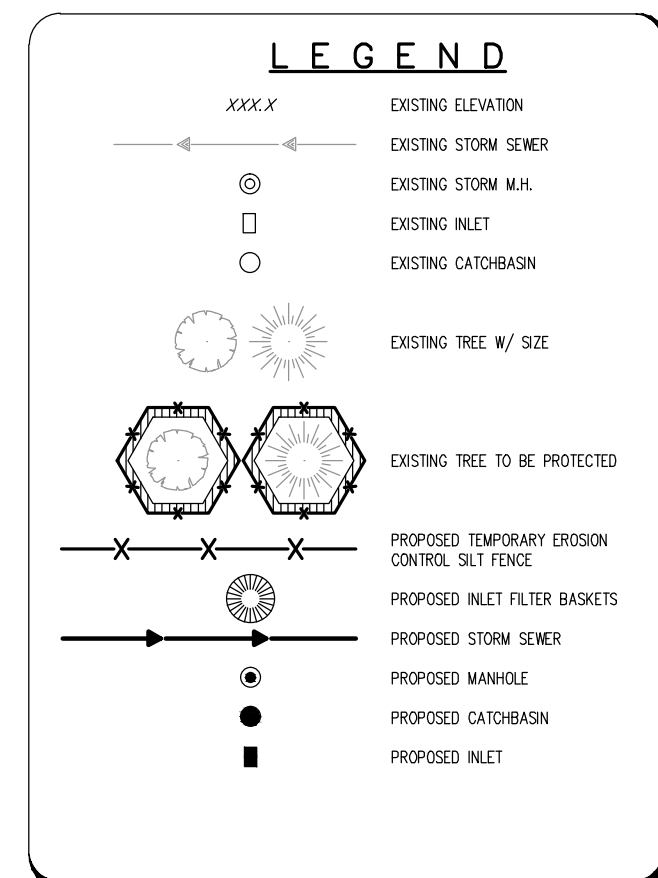
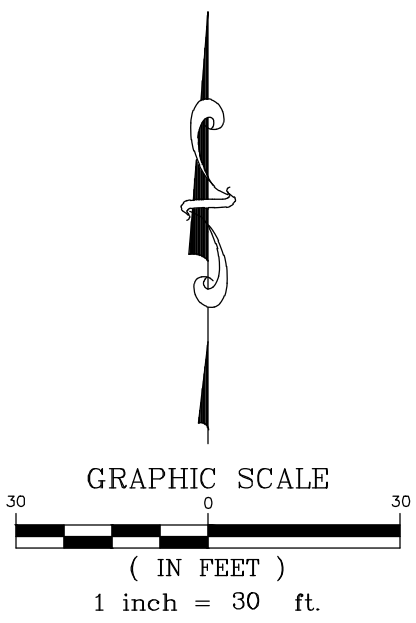
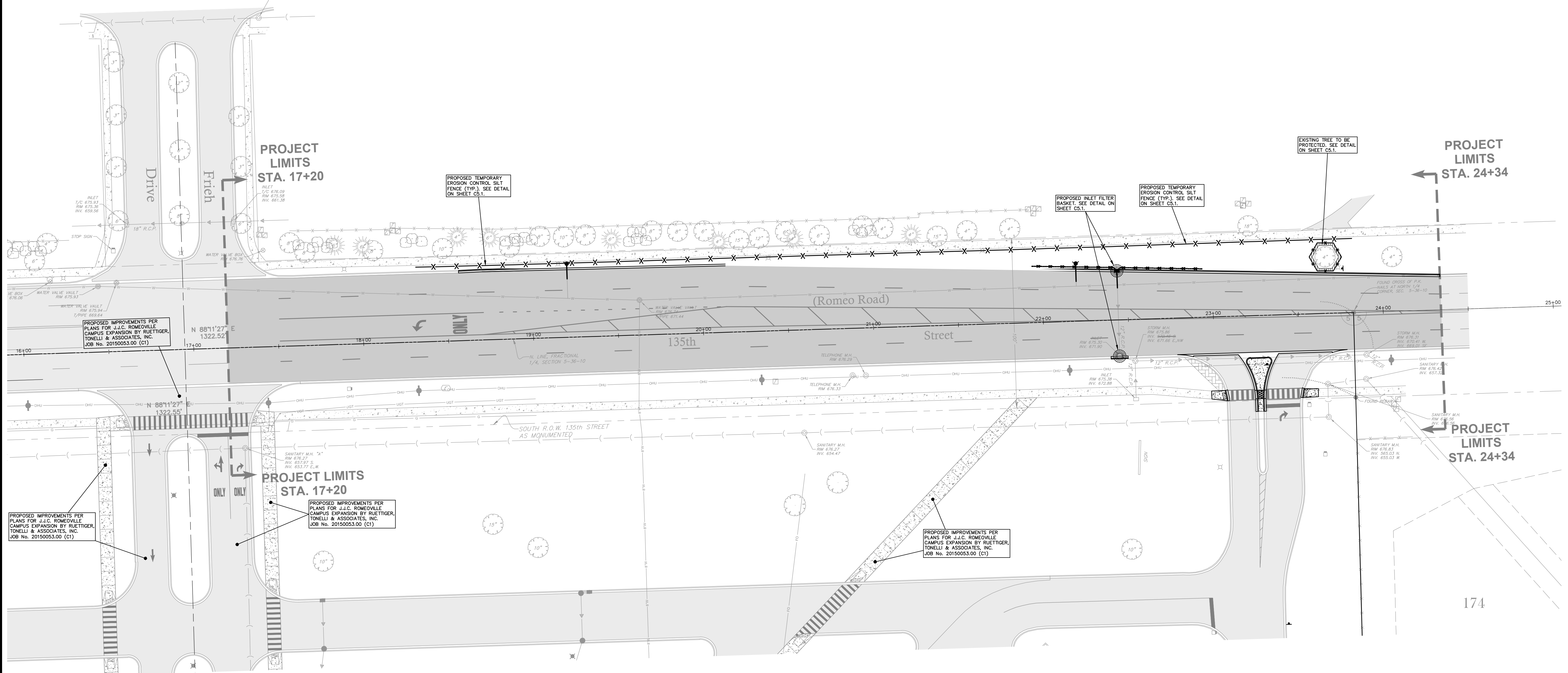
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ROMEVILLE CAMPUS
1125 WEST 135th STREET
ROMEVILLE, ILLINOIS 60446

DRAWING TITLE:
PROPOSED SITE GEOMETRY PLAN

DRAWING No.
315-0053-C3
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET C4.0

N:\2015\0053\Engineering\Plan_Sheet\315-0053-C3.dwg - Proposed Site Geometry Plan.dwg, Layer=1, 4/13/2016 10:08:41 AM, ipmsh

Albert Drive



PROPOSED IMPROVEMENTS PER PLANS FOR J.J.C. ROMEOVILLE CAMPUS EXPANSION BY RUETTIGER, TONELLI & ASSOCIATES, INC. JOB No. 20150053.00 (C1)

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SEE SHEET 5.1 FOR EROSION CONTROL NOTES AND DETAILS

APPROXIMATE EROSION CONTROL SCHEDULE	
ACTIVITY/TASK	BEGINNING DATE
INSTALLATION OF SILT FENCING, INLET FILTER BASKETS	APRIL 2016
CLEARING WILL BEGIN	APRIL 2016
TEMPORARY SOIL STABILIZATION MEASURES	APRIL 2016
UTILITIES CONSTRUCTION	MAY 2016
FINAL GRADING / ESTABLISHMENT OF PERMANENT VEGETATIVE COVER/LANDSCAPING	JUNE 2016
REMOVAL OF TEMPORARY MEASURES	JULY 2016
PROJECT COMPLETION	AUGUST 2016

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 4.025 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.26 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BONNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	3-10-2016	RELEASED FOR REVIEW	R.P.
1	3-18-2016	REVISED PER REVIEW	R.P.
2	4-14-2016	REVISED PER VILLAGE REVIEW	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-08-2016
FIELD BOOK: JUC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



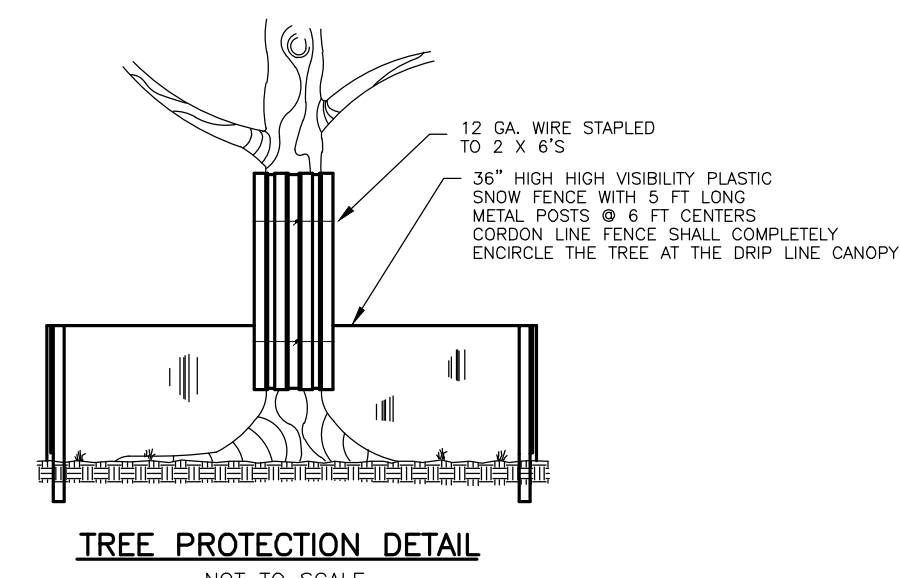
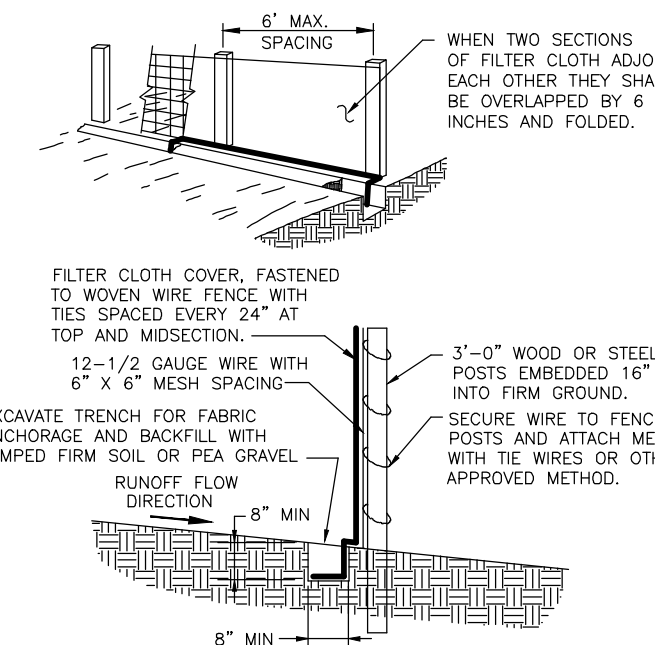
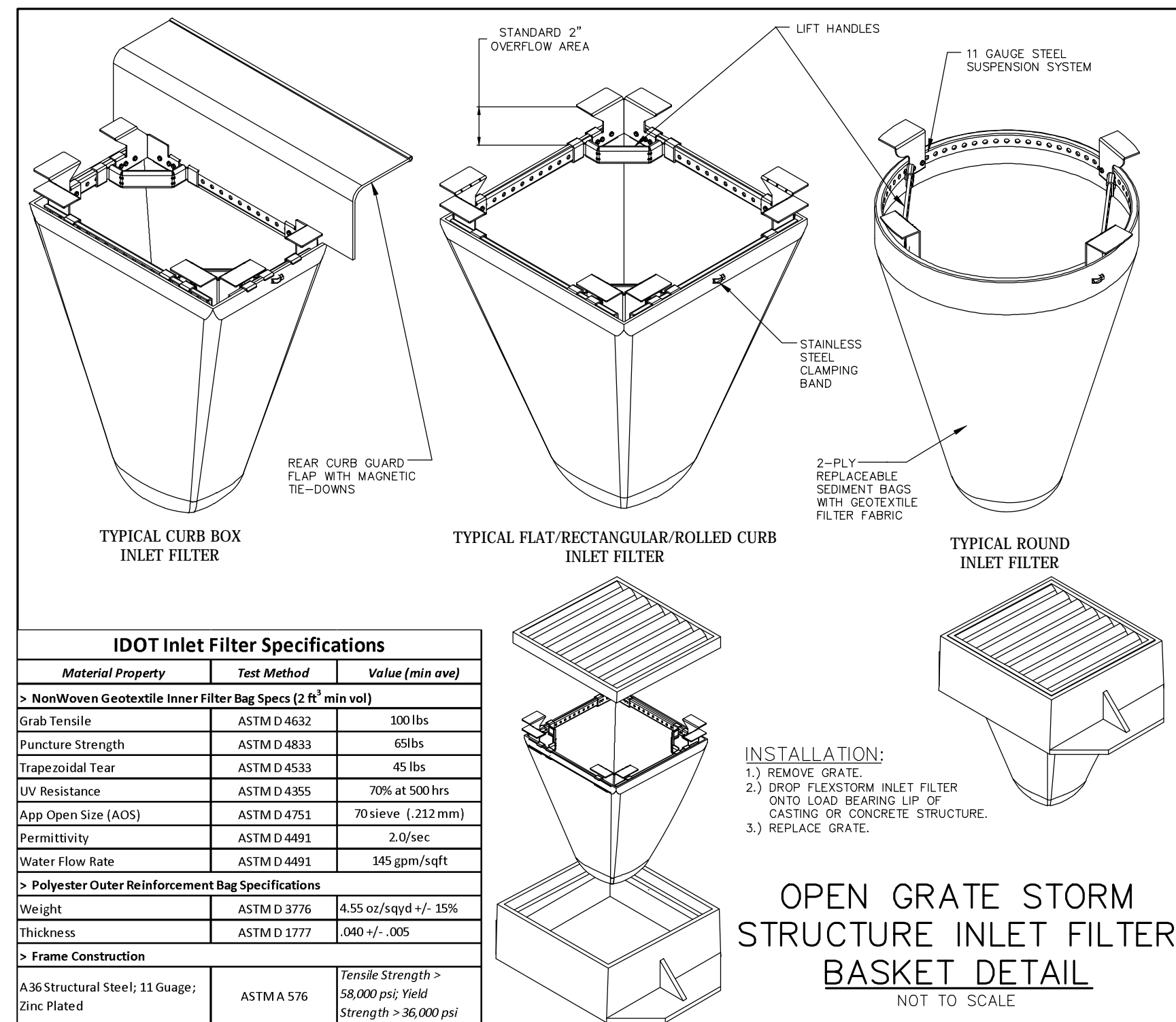
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PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
**135th STREET IMPROVEMENTS
JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
EROSION CONTROL PLAN

DRAWING No.
315-0053-C3
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET C5.0

N:\Projects\20150053\Engineering\Plan_SheetC5 - Erosion Control Plan.dwg, Layout: 4/15/2016 10:08:03 AM, mpehrke



EROSION CONTROL NOTES

- EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
 - THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE VILLAGE TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT.
 - ALL STORM SEWER STRUCTURES WITH OPEN GRATES SHALL BE PROTECTED WITH INLET FILTER BASKETS.
 - DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN (7) SEVEN CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE. RE-DISTURBANCE CONSISTENT WITH THE FOLLOWING CRITERIA. APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL INCLUDE SEEDING, MULCHING, SOODING AND / OR NON-VEGETATIVE MEASURES.
 - ALL EROSION CONTROL ITEMS REMAIN IN PLACE AND BE MAINTAINED UNTIL DEEMED UNNECESSARY BY THE OWNER / DEVELOPER AND THE VILLAGE AT WHICH TIME THE EROSION CONTROL ITEMS SHALL BE COMPLETELY REMOVED FROM THE SITE BY THE INSTALLER.
 - ALL DISTURBED AREAS NOT SPECIFICALLY IDENTIFIED FOR LANDSCAPING IMPROVEMENTS OR IMPERVIOUS SURFACE TREATMENTS SUCH AS PAVEMENTS, DRIVES, PATIOS, STAIRS, SIDEWALKS OR WALKWAYS SHALL BE FINISHED WITH A MINIMUM OF 6" OF TOPSOIL AND RESTORED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST ADDITION) AS FOLLOWS:
 - CLASS 2 SEED PER SECTION 250.
 - FERTILIZED NUTRIENTS IN THE RATIO OF 1:1:1 OF NITROGEN, PHOSPHOROUS AND POTASSIUM EACH, ALL AT THE RATE OF 90 LBS/ACRE IN ACCORDANCE WITH SECTION 250.
 - EROSION CONTROL BLANKET: EXCELSIOR GREEN BLANKET (I.D.O.T. SEC. 251.04)
 - CONTRACTOR SHALL MAINTAIN RESTORED AREA AS NEEDED UNTIL SEEDMINATION IS COMPLETED AND THE OWNER, OR LOCAL AGENCY HAVING JURISDICTION, HAS ACCEPTED THE WORK.
 - FOR EACH PHASE OF WORK, THE CONTRACTOR RESPONSIBLE FOR THAT WORK IS TO PROVIDE QUALIFIED PERSONNEL WHO SHALL INSPECT:
 - DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN STABILIZED WITH IMPERVIOUS MATERIALS OR VEGETATIVE GROUND COVER.
 - STRUCTURAL CONTROL MEASURES (I.E. SILT FENCE, FILTER BASKETS, GRATE FABRIC, ETC.).
 - OFF SITE ROADS AND ON SITE PAVEMENTS WHICH THE CONTRACTOR'S VEHICLES AND OR EQUIPMENT OPERATE.
- SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT HAS 0.5 INCHES OR MORE OF PRECIPITATION.
- ALL INSPECTIONS SHALL BE IN CONFORMANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN INSPECTION REQUIREMENTS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
 - MAJOR AMENDMENTS OF THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
 - ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOULDER OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOL STABILIZATION MEASURES.
 - DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE OR REDISTURBANCE.
 - IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS OR BASINS.
 - THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.
 - ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH "DUMP NO WASTE" AND "DRAINS TO CREEK". THIS NOTE MUST ALSO BE INCLUDED ON ALL DRAINAGE STRUCTURE DETAILS.
 - ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED TO THE CONSTRUCTION ENTRANCE.

SUPPLEMENTAL VILLAGE NOTES:

"THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY."

"ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH "DUMP NO WASTE" AND "DRAINS TO CREEK". THIS NOTE MUST ALSO BE INCLUDED ON ALL DRAINAGE STRUCTURE DETAILS."

"A NOTICE OF INTENT (NOI) MUST BE SUBMITTED TO THE NPDES PERMITTING AUTHORITY AND POST-MARKED AT LEAST 30 DAYS BEFORE COMMENCEMENT OF ANY WORK ON-SITE FOR ALL CONSTRUCTION SITES OVER ONE ACRE. INCLUDED IN THE NOI SHALL BE THE STORMWATER POLLUTION PREVENTION PLAN (SWPP), WHICH INCLUDES THE APPROPRIATE BMP'S TO MINIMIZE THE DISCHARGE OF POLLUTANTS FOR THE CONSTRUCTION SITE."

"AN INCIDENT OF NON-COMPLIANCE (ION) MUST BE COMPLETED AND SUBMITTED TO THE IEPA IF, AT ANY TIME, AN EROSION OR SEDIMENT CONTROL DEVICE FAILS."

"A NOTICE OF TERMINATION (NOT) MUST BE COMPLETED AND SUBMITTED TO THE IEPA WHEN ALL PERMANENT EROSION CONTROL MEASURES ARE IN PLACE WITH A 70% ESTABLISHMENT OF VEGETATION."

THE OWNER IS ULTIMATELY RESPONSIBLE FOR THE LEGAL REQUIREMENT OF MAINTAINING THE EROSION CONTROL.

MAINTENANCE RESPONSIBILITY CONTACT:

JOLIET JUNIOR COLLEGE
 1125 WEST 135TH STREET
 ROMEOVILLE, ILLINOIS 60446
 ATTN: RICK LYMAN
 OFFICE PH: (815) 280-2212
 MOBILE PH: (815) 735-2682

SEE SHEET 5.0 FOR EROSION CONTROL PLAN

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 ONE-CALL SYSTEM

CONTACT J.U.L.I.E. at 811 or 800-892-0123
 48 Hours (2 Working Days) BEFORE YOU DIG.
 Include the following:
 County, City/Township, Section & 1/4 Section No.

REVISIONS			
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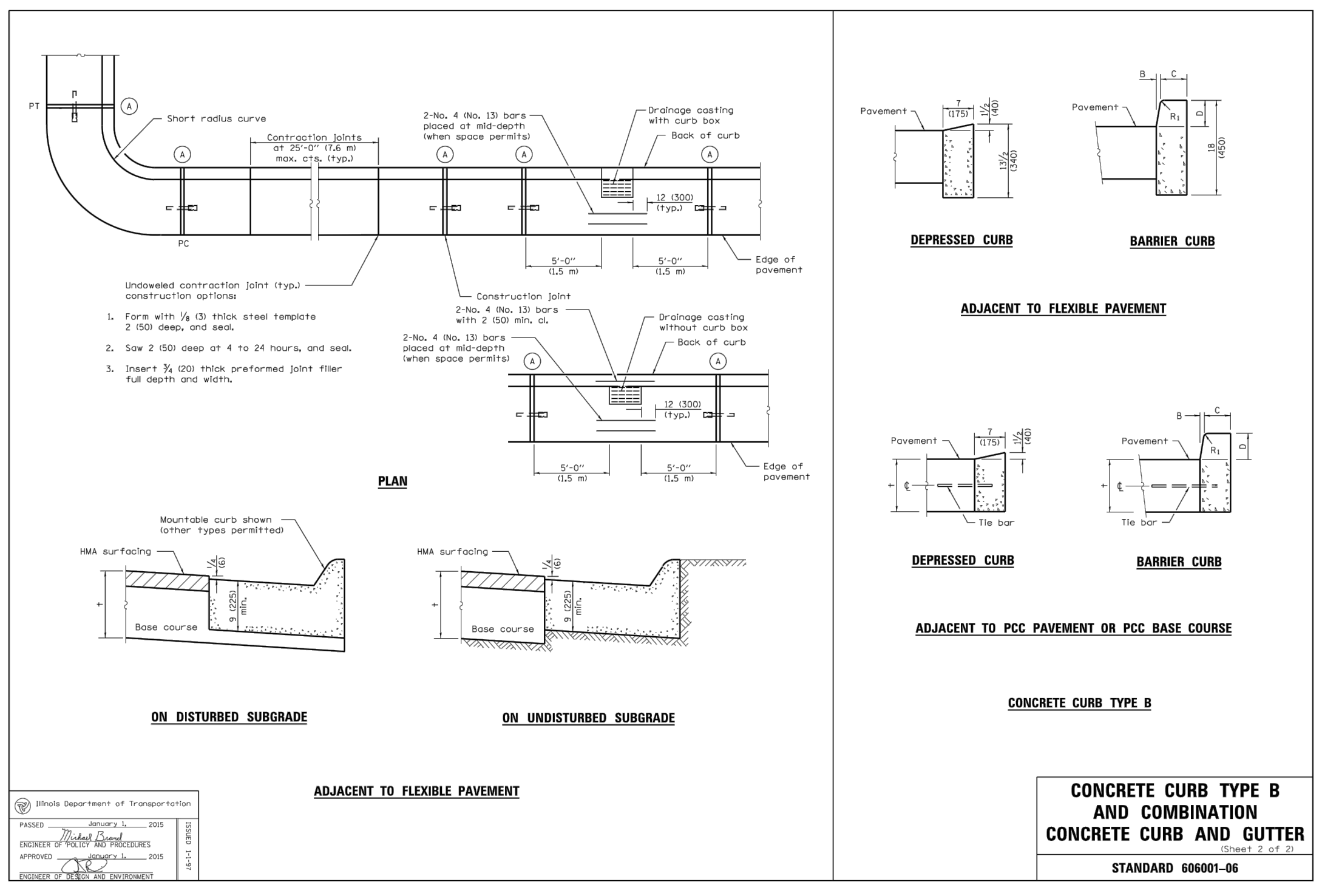
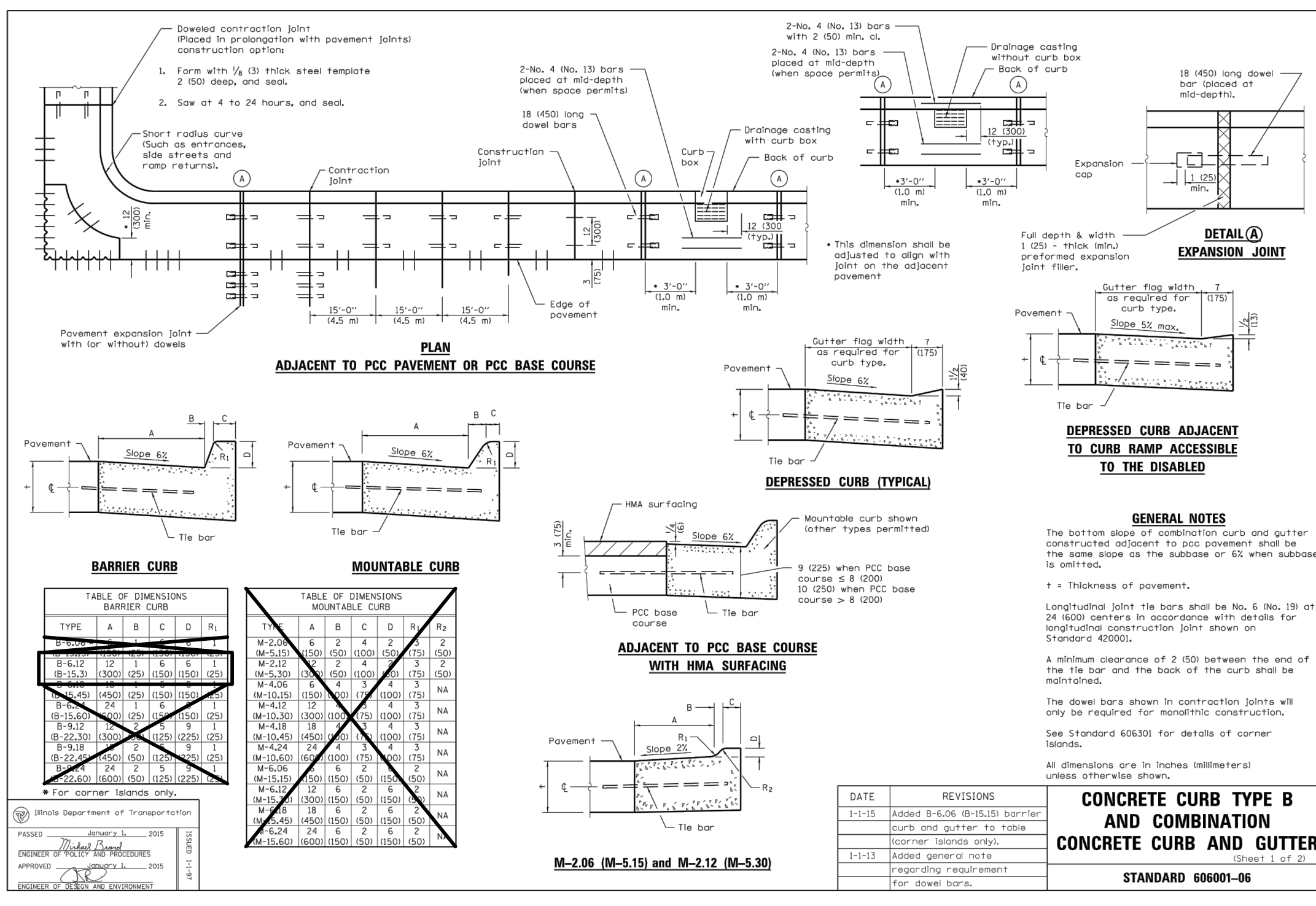
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1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446

DRAWING TITLE:
EROSION CONTROL NOTES
AND DETAILS

DRAWING No.
 315-0053-C3
 SCALE:
 AS NOTED
 ENGINEERING DEPARTMENT
 SHEET C5.1

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SEWER AND WATER MAIN NOTES:
SANITARY SEWER & WATER MAIN SEPARATION SHALL CONFORM TO SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

WATER MAIN:

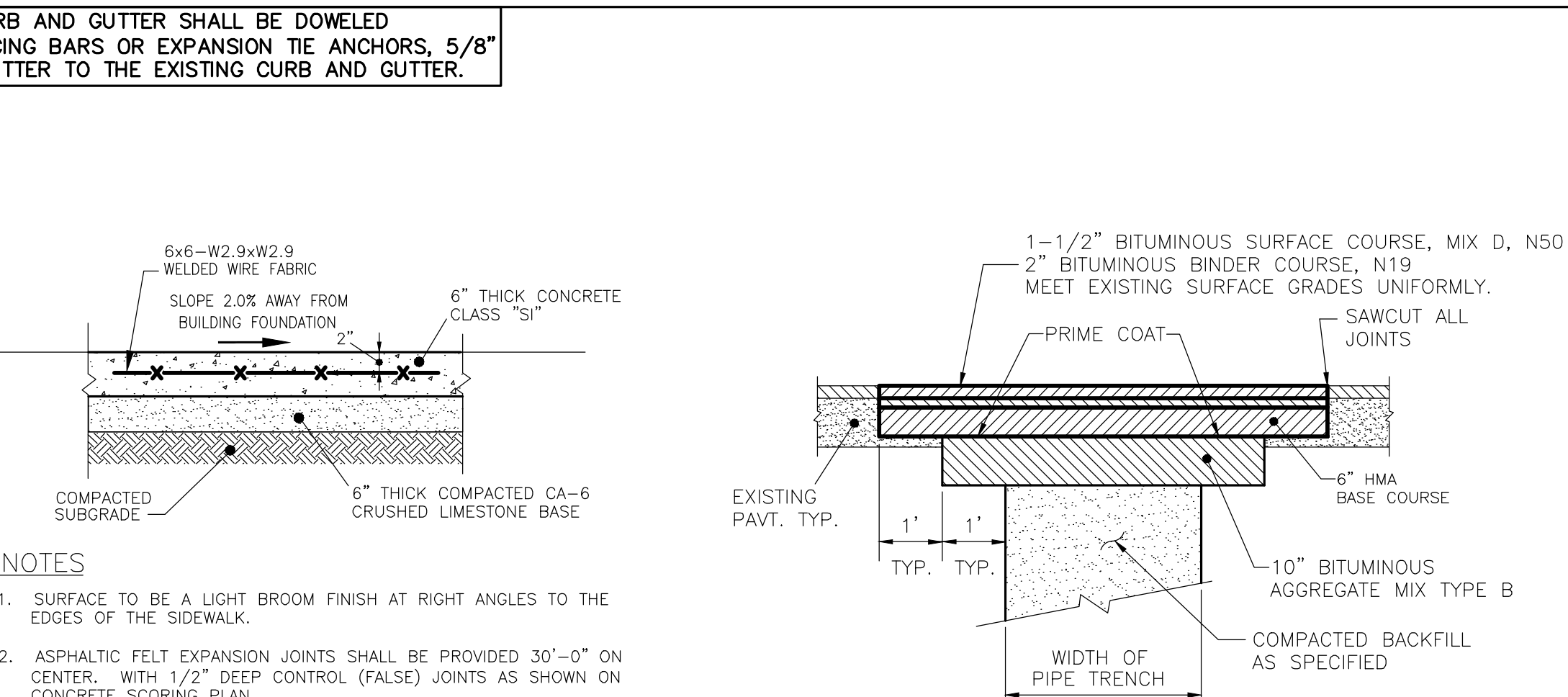
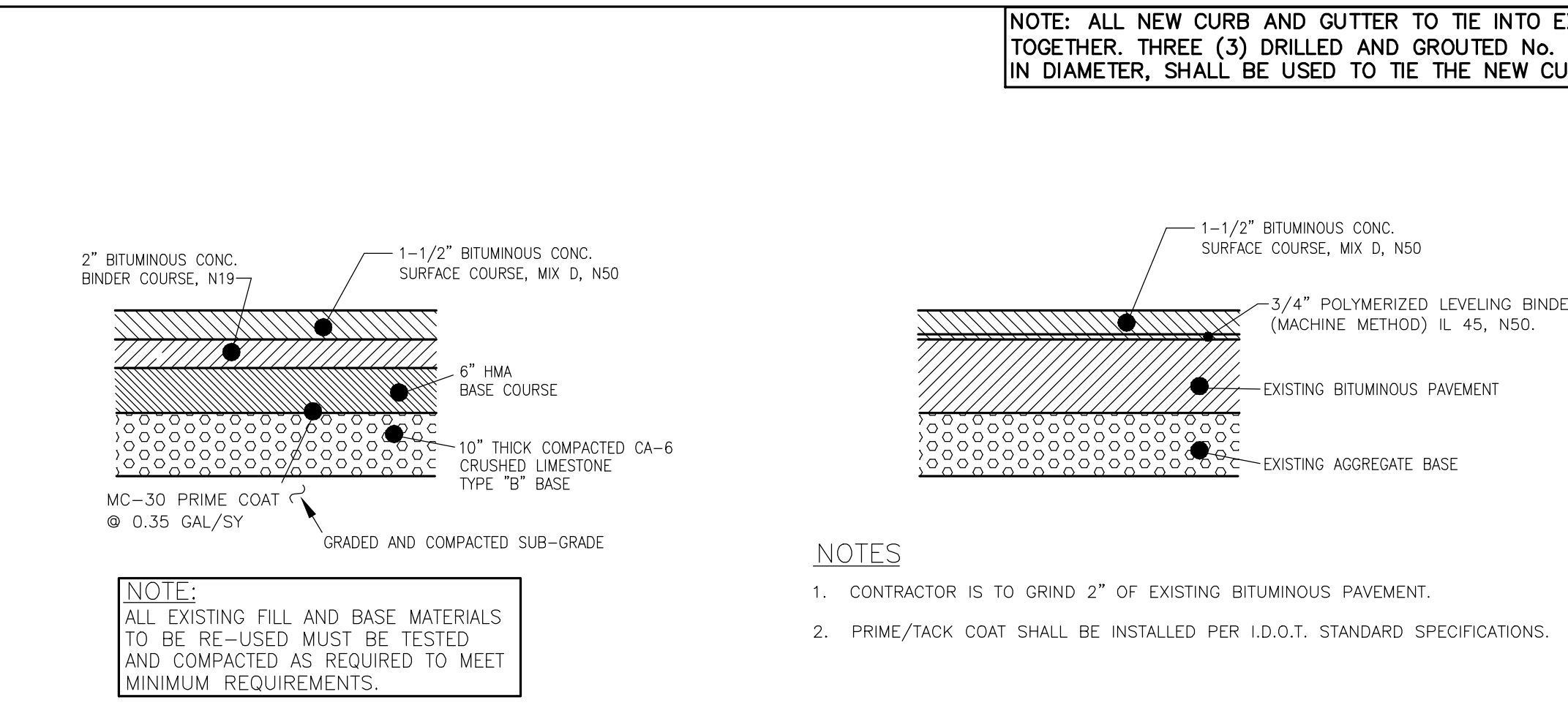
- WATER MAIN SHALL BE CEMENT LINED DUCTILE IRON C-151, CLASS 52. ALL WATER MAIN SHALL BE WRAPPED IN POLYETHYLENE USING METHOD B. ALL JOINTS MUST BE RESTRAINED WITH MEGALUGS (EBBA IRON) ONLY. (SEE VILLAGE CHLORINATION REQUIREMENTS)
- ALL FITTINGS SHALL BE CEMENT LINED DUCTILE IRON, MECHANICAL JOINT; RETAINER GLANDS ARE REQUIRED ON ALL BENDS, TEES, OR ELBOWS; ALL PLUGS SHALL BE FLOW F-1159 OR APPROVED EQUAL.
- FIRE HYDRANT MUST BE EAST JORDAN WATER MASTER 5BR250, WITH 6" PLAIN END SHOE WITH ATTACHED 6" RESILIENT WEDGE MECHANICAL JOINT VALVES AND MUST INCLUDE A STORZ PUMPER CONNECTION ALONG WITH TWO 2-1/2" HOSE CONNECTIONS.
- ALL VALVES MUST BE EAST JORDAN IRON WORKS (FLOW MASTER) OR AMERICAN FLOW, RESILIENT-SEATED GATE VALVES FOR ALL SIZES. VALVE VAULT FRAMES AND COVERS MUST BE EAST JORDAN 102223 AND EMBOSSED WITH 1020A HD "WATER" AND "VILLAGE OF ROMEOVILLE". ALL JOINTS NEED TO BE EXTERNALLY WRAPPED W/ MACWRAP OR EQUAL. RUBBER GASKET BOOTHS ARE REQUIRED FOR ALL PENETRATIONS THROUGH THE MANHOLE WALL. INTERNAL / EXTERNAL CHIMNEY SEALS ARE REQUIRED.
- RETAINER GLANDS SHALL BE REQUIRED FOR HYDRANTS NOT DIRECTLY CONNECTED TO HYDRANT TEE AT WATERMAIN.
- ALL VALVE VAULTS SHALL BE A MINIMUM OF 5' DIAMETER.
- PRECAST MANHOLES FOR WATER VALVE INSTALLATIONS:
A.) MANHOLES MUST CONFORM TO THE LATEST REQUIREMENTS OF ASTM C478.
B.) NEVER TRANSPORT SECTIONS TO THE SITE UNTIL THEY HAVE CURED FOR AT LEAST TEN (10) DAYS.
C.) MARK EACH PIECE PLAINLY WITH MANHOLE NUMBERS AND DATE OF MANUFACTURE SO IT CAN BE INSTALLED IN THE PROPER LOCATION, AS SHOWN ON THE PLANS.
D.) MAKE SURE FACTORY-INSTALLED CUTOUTS IN THE BOTTOM SECTION ARE APPROPRIATE FOR THE PIPE BEING LAID.
E.) PIPE CONNECTIONS AT MANHOLE-CUTOUTS SHOULD BE EQUIPPED WITH RUBBER BOOTHS TO ENSURE A WATERTIGHT CONNECTION. MATERIAL SHALL BE EQUAL TO KOR-N-SEAL CONNECTOR, AS MANUFACTURED BY NPC, INC.
F.) JOINT SEALANT - FLEXIBLE RUBBER SEALANT FOR JOINTS IN PRE-CAST MANHOLE SECTIONS SHALL PROVIDE PERMANENTLY FLEXIBLE WATERTIGHT JOINTS, SHALL REMAIN WORKABLE OVER A WIDE TEMPERATURE RANGE AND SHALL NOT SHRINK, HARDEN OR OXIDIZE UPON AGING. MATERIAL SHALL BE EQUAL TO TYLOX SUPERSEAL AND SHALL MEET ASTM C 443 AND ASTM C 361 REQUIREMENTS.
G.) THE FRAME FOR THE LID SHALL BE INSTALLED WHEN CONE SECTION IS CAST.
H.) HEAT-SHRINKABLE ENCAPSULATION FOR EXTERNAL WRAPPING OF ALL JOINTS: WRAP SEAL AS MANUFACTURED BY CANUSA CPS, BIDCO EXTERNAL JOINT WRAP AS MANUFACTURED BY NPC, OR APPROVED EQUAL.
I.) A MINIMUM OF TWO ADJUSTING RINGS (MIN. 6" ADJUSTING HEIGHT) AND A MAXIMUM OF THREE ADJUSTING RINGS (MAX. 10" ADJUSTING HEIGHT). NO 1" OR 2" CONCRETE RINGS ARE ALLOWED. UNDER PAVED AREAS TOP RING SHALL BE RUBBER. USE ONE E.J.I.W. INFRA-RISER RUBBER COMPOSITE ADJUSTMENT RISERS (1" TO 3" MAXIMUM HEIGHT OF STACKED RISERS).
J.) PLEASE BE CONSCIOUS OF DAMAGING THE PAINT ON THE HYDRANTS DURING INSTALLATION. THE VILLAGE OF ROMEOVILLE HAS FOUND THAT THE PAINT ON THE HYDRANTS CAN BE DAMAGED DURING BACKFILLING. IF REQUESTED BY THE VILLAGE OF ROMEOVILLE WATER SUPERINTENDENT, ANY HYDRANTS EXHIBITING EXCESSIVE ROCK DAMAGE WILL BE SAND BLASTED AND REPAINTED BY AN APPROVED CONTRACTOR PRIOR TO ACCEPTANCE.
K.) A MINIMUM OF 48 HOURS PRIOR TO ANY WATER USAGES (I.E. FLUSHES, FILLS, ETC.), THE CONTRACTOR MUST CALL THE VILLAGE OF ROMEOVILLE'S WATER DEPARTMENT AT 815-886-1870 TO GET APPROVAL OF SAID USAGE. ANY UNAUTHORIZED USAGES WILL RESULT IN PENALTIES.
L.) ALL VALVES AND HYDRANTS SHALL BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE WATER DEPARTMENT FOR WRITTEN APPROVAL PRIOR TO ORDERING.

SITE CONSTRUCTION GENERAL NOTES

- ALL NEW CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION; AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" - ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION. TRACK AND SYNTHETIC TURF MANUFACTURERS STANDARDS.
- THE OWNER AND/OR CONTRACTOR ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (EPA) RELATIVE TO STORM WATER DISCHARGE QUALITY, AND OBTAIN A GENERAL PERMIT ILR-10 OR OTHER NATIONAL POLLUTANT ELIMINATION SYSTEM (NPDES) PERMIT AS MAY BE REQUIRED PRIOR TO ANY SITE CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ANY UNDERGROUND SEWER OR DRAIN TILE SHALL REMAIN IN OPERATION, AND IF DAMAGED SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION. THE OWNER OF THE TILE AND THE VILLAGE SHALL BE NOTIFIED BEFORE TRENCH IS BACKFILLED.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE OWNER, VILLAGE AND ENGINEER IF THERE IS ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY STAGE OF CONSTRUCTION OF PROPOSED IMPROVEMENTS.
- GRANULAR BACKFILL TO BE CRUSHED LIMESTONE CA-7.
- EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLETELY REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, DEBRIS, WASTES AND VEGETATION FROM THE SITE AS NOTED ON THE PLAN OR AS MAY BE REQUIRED TO PROPERLY COMPLETE HIS WORK. ALL DEBRIS AND SURPLUS MATERIALS REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. NO ON-SITE BURNING OR BURIAL SHALL BE ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER AT ALL TIMES. DEBRIS AND SURPLUS MATERIAL CLEAN UP AND REMOVAL SHALL PROCEED AS THE WORK PROCEEDS.
- FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND BUILDING SERVICES. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. COORDINATE ANY DISTURBANCE AND/OR UTILITY CONNECTIONS WITH GOVERNING UTILITY ENTITIES AND MUNICIPAL AGENCIES.
- ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED TO THE CONSTRUCTION ENTRANCE.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- MAJOR AMENDMENTS OF THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
- ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER THE FINAL SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.
- IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS OR BASINS.
- A WATER TRUCK SHALL BE USED FOR DUST CONTROL MEASURES ON-SITE DURING CONSTRUCTION.
- ANY DAMAGED STREET LIGHTING CABLES SHALL BE REPLACED WITH CONTINUOUS RUN OF CABLE BETWEEN LIGHT POLES. SPLICES ARE NOT ALLOWED.
- UPON COMPLETION OF CONSTRUCTION, RECORD DRAWINGS FOR ALL PUBLIC IMPROVEMENTS MUST BE PROVIDED TO THE VILLAGE ON DISKETTE IN AUTOCAD (DWG) FORMAT. CORRECTIONS TO SITE DESIGN, UTILITY PLACEMENT, AND ELEVATIONS MUST BE SHOWN ON THE DIGITAL DRAWINGS BY CROSSING OUT THE ORIGINAL DESIGN INFORMATION AND ADDING THE CHANGES MADE.

STORM SEWER:

- STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 CLASS SHOWN ON DRAWINGS, O-RING JOINTS CONFORMING TO ASTM C443.
- STORM SEWER JOINTS MUST BE FLEXIBLE GASKET O-RINGS PER ASTM C361, ASTM C433, AND ASTM C1619.
- ALL CLOSED LID STORM STRUCTURES, FRAME AND COVER SHALL BE EAST JORDAN 102223 EMBOSSED WITH "STORM" AND "VILLAGE OF ROMEOVILLE".
- WHEN UTILITY STRUCTURE ADJUSTMENT IS NECESSARY, A MINIMUM OF TWO ADJUSTING RINGS (MIN. 6" ADJUSTING HEIGHT) AND MAXIMUM OF THREE RINGS (MAX. 10" ADJUSTING HEIGHT). NO 1" OR 2" CONCRETE RINGS ALLOWED. UNDER PAVED AREAS, TOP RING SHOULD BE RUBBER. USE ONE (1) EAST JORDAN IRON WORKS INFRA-RISER RUBBER COMPOSITE.



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1125 WEST 135th STREET
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DRAWING TITLE:
GENERAL NOTES AND CONSTRUCTION DETAILS
(1 OF 2)

DRAWING No.
315-0053-C3
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET C6.0

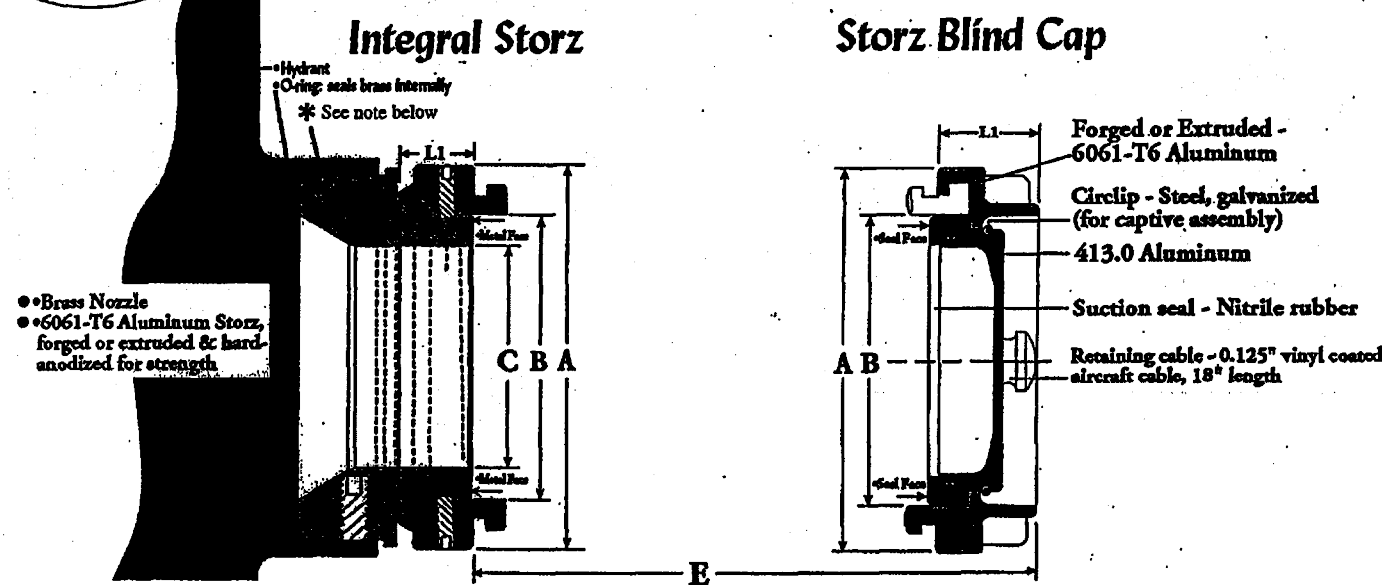
VILLAGE CONTACT INFORMATION:
MR. JONATHAN ZABROCKI, P.E.
c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE: (815) 866-1870

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Specifications & Dimensions for HIHS™ Harrington Integral Hydrant Storz™



Cap extension from brass face:
• 4" HIHS™ = 1.50"
• 5" HIHS™ = 1.68"



Nominal Dimensions (in inches)

Hydrant Storz	A	B	C	E	L1
4" Storz	6.14	4.53	3.54	1.50	1.12
5" Storz	7.71	5.84	4.54	1.68	1.19

Nominal Dimensions (in inches)

Storz Cap	A	B	L1
4" Storz	6.13	4.53	1.44
5" Storz	7.71	5.84	1.63

• Brass Nozzle
• 6061-T6 Aluminum Storz, forged or extruded & heat-treated for strength
• Forged or Extruded - 6061-T6 Aluminum
• Clip - Steel, galvanized (for captive assembly)
• 413.0 Aluminum
• Suction seal - Nitrile rubber
• Retaining cable - 0.125" vinyl coated aircraft cable, 18" length
• Storz Lugs & Ramps Aluminum
• Flange Hardcoat anodized to MIL-A-86256 Type 3, dark gray
• Regulator - Tee to install or remove to be a minimum of 18 ft.-lb., maximum of 30 ft.-lb.
• Main sealing face Bore
* Connection methods of the brass nozzle on current hydrant models vary. A thread type (as shown above) or a lug type are used. No two hydrant manufacturers use identical connection methods. Harrington offers HIHS™ for all current hydrants.

Harrington, Inc.
Fire Protection Specialists
2630 West 21st Street, Erie, PA 16506
Phone: 1.800.553.0078 • Fax: 814.838.7339
www.harrinc.com • E-mail: info@harrinc.com

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Fight the Fire... Not the Connections!

Harrington Integral Hydrant Storz™

Harrington's Integral Hydrant Storz™ is the most efficient and easiest fire hose to your hydrant in seconds. It is the most efficient and easiest integral part of your hydrant. We have designed this connection to accept the hydrant Storz and lock it in place so you never lose your fire department uses.

Since fire departments across the country are spending faster hose to hydrant connection systems, Harrington's is widely recognized as the most efficient and easiest. The company works with hydrant manufacturers, utilities and fire departments to make the transition to the Harrington Integral Hydrant Storz connection as smooth as possible.

The end result enables firefighters to connect the hose to your hydrant in seconds, not minutes.



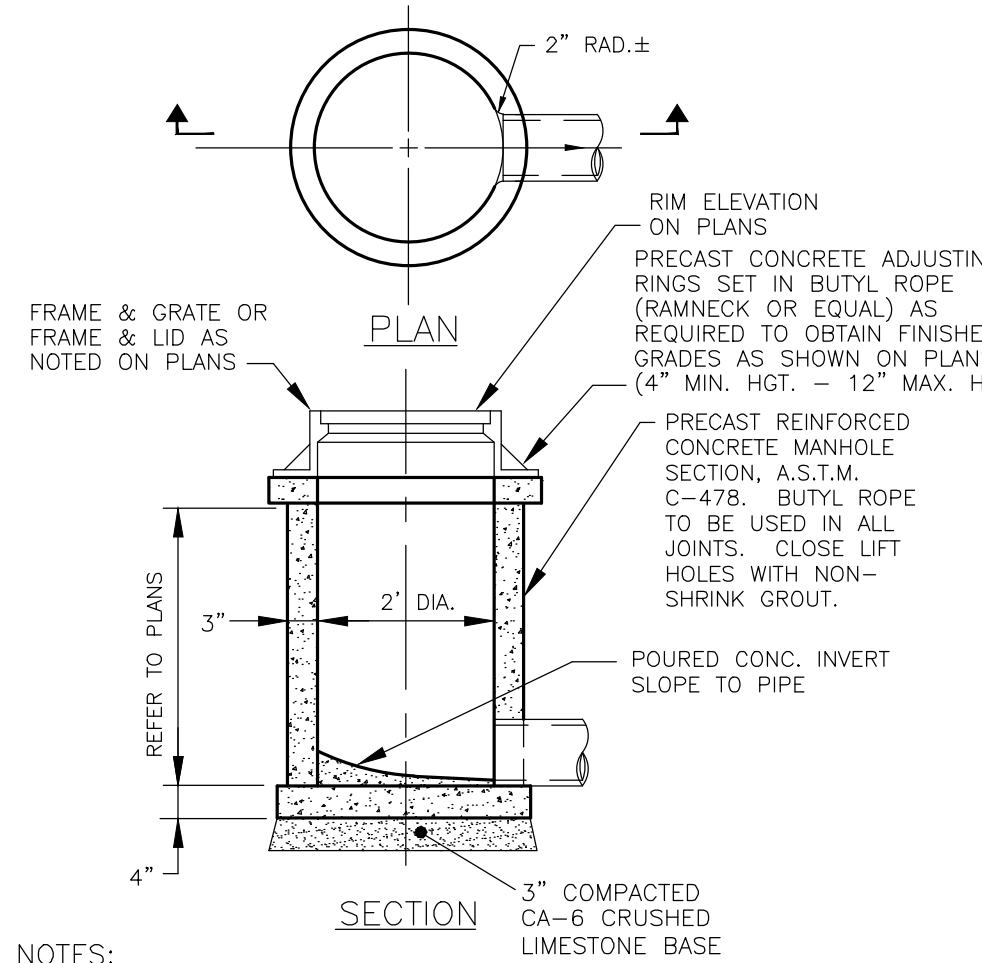
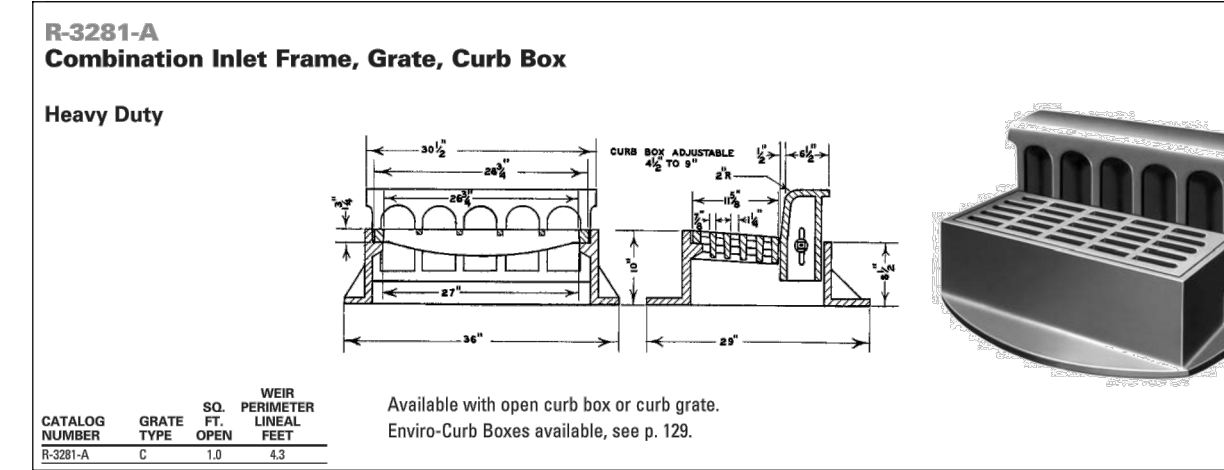
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|---|--|---|--|--|--|---|
| <p>Quick Connection</p> <ul style="list-style-type: none"> • Saves time, lives, money, water and aggravation • Minimizes extension from the hydrant • Minimizes flow loss • Maintains AWWA standards • Resists corrosion • Maximizes flow rate • Minimizes maintenance • Maximizes seal life | <p>Internal Connection</p> <ul style="list-style-type: none"> • Maintains AWWA standards • Resists corrosion • Maximizes flow rate • Minimizes maintenance • Maximizes seal life | <p>Uninterrupted Brass Waterway</p> <ul style="list-style-type: none"> • Maintains AWWA standards • Resists corrosion • Maximizes flow rate • Minimizes maintenance • Maximizes seal life | <p>Brass Metal Face Seal</p> <ul style="list-style-type: none"> • Maintains AWWA standards • Resists corrosion • Maximizes flow rate • Minimizes maintenance • Maximizes seal life | <p>Shortest Extension Length Available</p> <ul style="list-style-type: none"> • Reduces damage risk • Maximizes hydrant clearance • Less installation space • Exceeds AWWA pressure testing standards • Assures long-term field reliability • Resists abrasion and damage from tools and field use • Safeguards against unauthorized removal, vandalism and theft • Requires Storz Spanner Wrench | <p>Highest Strength for Hydrant Life</p> <ul style="list-style-type: none"> • Reduces damage risk • Maximizes hydrant clearance • Less installation space • Exceeds AWWA pressure testing standards • Assures long-term field reliability • Resists abrasion and damage from tools and field use • Safeguards against unauthorized removal, vandalism and theft • Requires Storz Spanner Wrench | <p>Tamper-proof Cap Removal</p> <ul style="list-style-type: none"> • Reduces damage risk • Maximizes hydrant clearance • Less installation space • Exceeds AWWA pressure testing standards • Assures long-term field reliability • Resists abrasion and damage from tools and field use • Safeguards against unauthorized removal, vandalism and theft • Requires Storz Spanner Wrench |
|---|--|---|--|--|--|---|

Specify Harrington's Integral Hydrant Storz for

Harrington, Inc.
Fire Protection Specialists
2630 West 21st Street, Erie, PA 16506
Phone: 1.800.553.0078 • Fax: 814.838.7339
www.harrinc.com • E-mail: info@harrinc.com

Harrington, Inc.
LDH System Specialists
2630 West 21st Street • Erie, PA 16506 • 814-838-7339
Website: www.harrinc.com • E-Mail address: info@harrinc.com
800-553-0078 • FAX 814-838-7339

MARY STECK ROZYCKI
Cellular (734) 648-2372

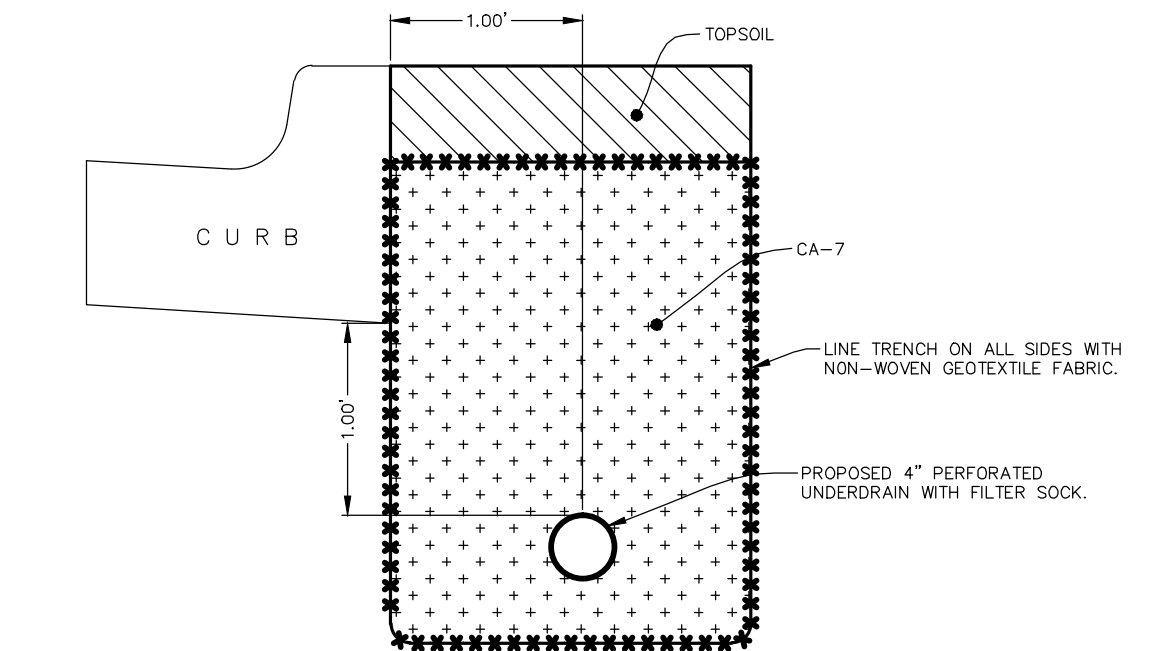


- NOTES:**
1. INLET SHALL BE PRECAST REINFORCED CONCRETE, PER ASTM C-478
 2. ALL LIFT HOLES SHALL BE SEALED WITH NON SHRINK GROUT.
 3. PROVIDE TEMPORARY FILTER FABRIC UNDER ALL OPEN GRATES.

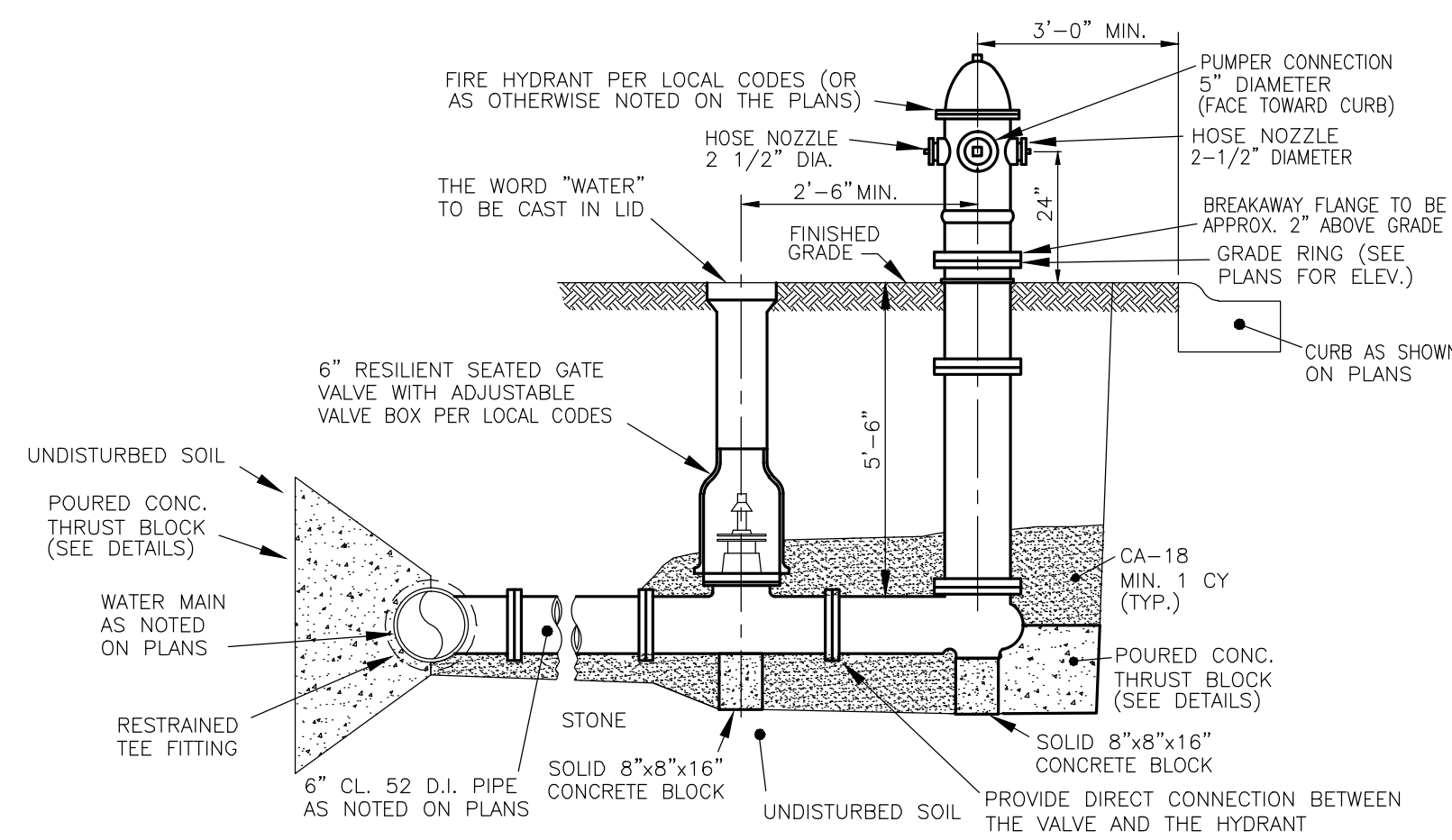
TYPE A STORM INLET
NOT TO SCALE

Village of Romeoville - Minimum chlorination standards:

- a. Gas chlorine must be used for disinfection.
- b. The chlorination contractor must call 815-886-1870 a minimum of 24-hours in advance to schedule chlorination.
- c. Only Village of Romeoville employees shall operate water system valves and turn on/off sampling whips while samples are being collected.
- d. All chlorination and safety equipment must meet or exceed the standards and recommendations set by The Chlorine Institute, Inc.
- e. The chlorinator must be a licensed plumber or certified Illinois water operator with a minimum of 5 years experience working with chlorine disinfection of water supply lines.
- f. The chlorination contractor must have two people present top chlorinate. One to monitor the cylinder and one to monitor in the field.
- g. The chlorination contractor must be bonded and insured, and have proof of both on file with the Village.
- h. The chlorination contractor must have updated 24-hour emergency phone numbers on file with the Village.
- i. The chlorination contractor must comply with state and federal regulations regarding transportation and handling of chlorine cylinders:
 - Shipping and emergency papers for every job location
 - Proof of insurance for hauling and handling chlorine gas
 - Commercial driver's license with Hazmat endorsement and medical card
 - Copy of Emergency Response Guidebook in vehicle
 - Hazmat certificate of registration
 - Hazardous materials placard displayed on vehicle
 - Cylinder strapped upright in truck
- j. Under no circumstances will chlorine contractors be allowed to apply heat to the chlorine cylinder (i.e. hot baths, propane torches, etc.) While the cylinder is being used it must be in a vertical position, as well as being affixed to a solid object.
- k. Prior to chlorination, the chlorination contractor must provide a detailed written chlorination and flushing plan to the Village for review and written approval.
- l. At any time, the Village or its authorized representative may ask for proof of any or all of the above information. Please contact the Village of Romeoville Public Works Department (815-886-1870) with any questions.

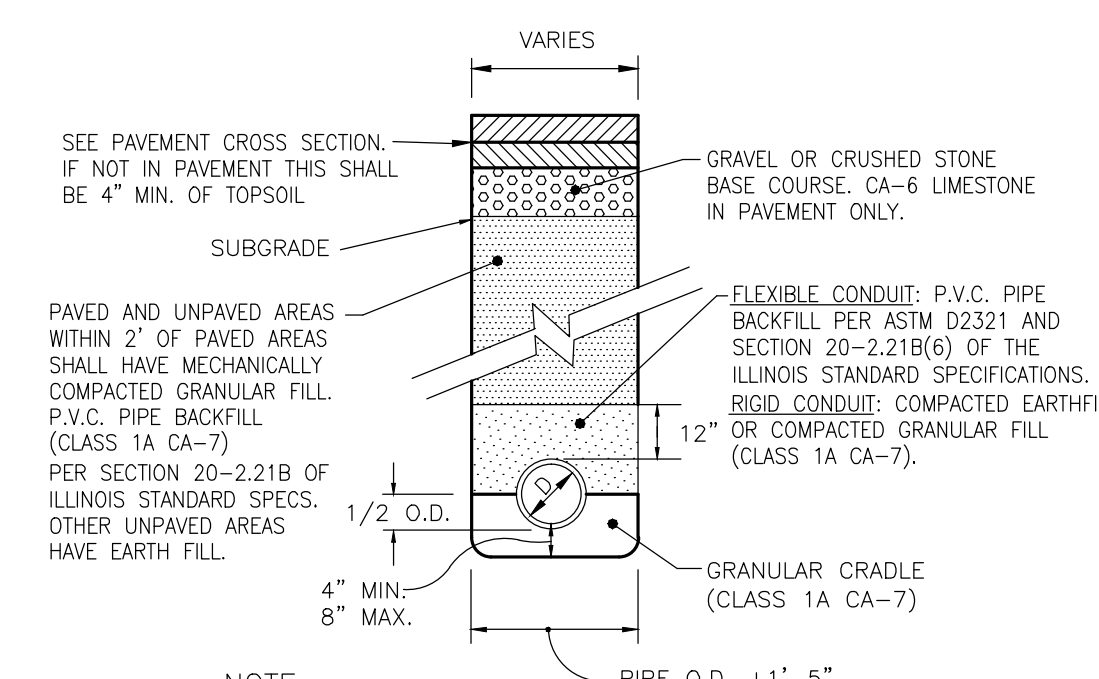


UNDERDRAIN DETAIL
NOT TO SCALE



- HYDRANT INSTALLATION NOTES:**
1. HYDRANT DRAIN HOLE SHALL BE FREE OF CONCRETE
 2. HYDRANT SHALL BE RED IN COLOR
 3. PROVIDE VALVE BOX STABILIZER
 4. NPT CONNECTIONS FOR NOZZLES

FIRE HYDRANT INSTALLATION
NOT TO SCALE



- NOTE:**
- GRANULAR BACKFILL IS REQUIRED FULL DEPTH WITHIN TWO FEET OF PAVEMENT AND SIDEWALK

TYPICAL UTILITY TRENCH
NOT TO SCALE

Call Before You Dig

JULIE
ILLINOIS ONE-CALL SYSTEM

CONTACT J.U.L.I.E. at 811 or 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.
Include the following:
County, City/Township, Section & 1/4 Section No.

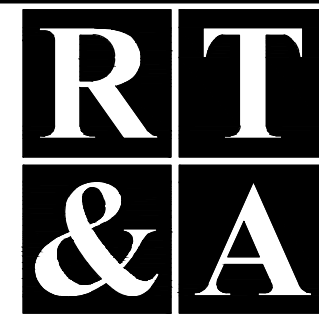
VILLAGE CONTACT INFORMATION:
MR. JONATHAN ZABROCKI, P.E.
c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE: (815) 866-1870

REVISIONS

No.	DATE	DESCRIPTION	BY
0	3-10-2016	RELEASED FOR REVIEW	R.P.
1	3-18-2016	REVISED PER REVIEW	R.P.
2	4-14-2016	REVISED PER VILLAGE REVIEW	R.P.

DOCUMENTATION:

PROJECT No.: 20150053.00
DATE: 3-08-2016
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



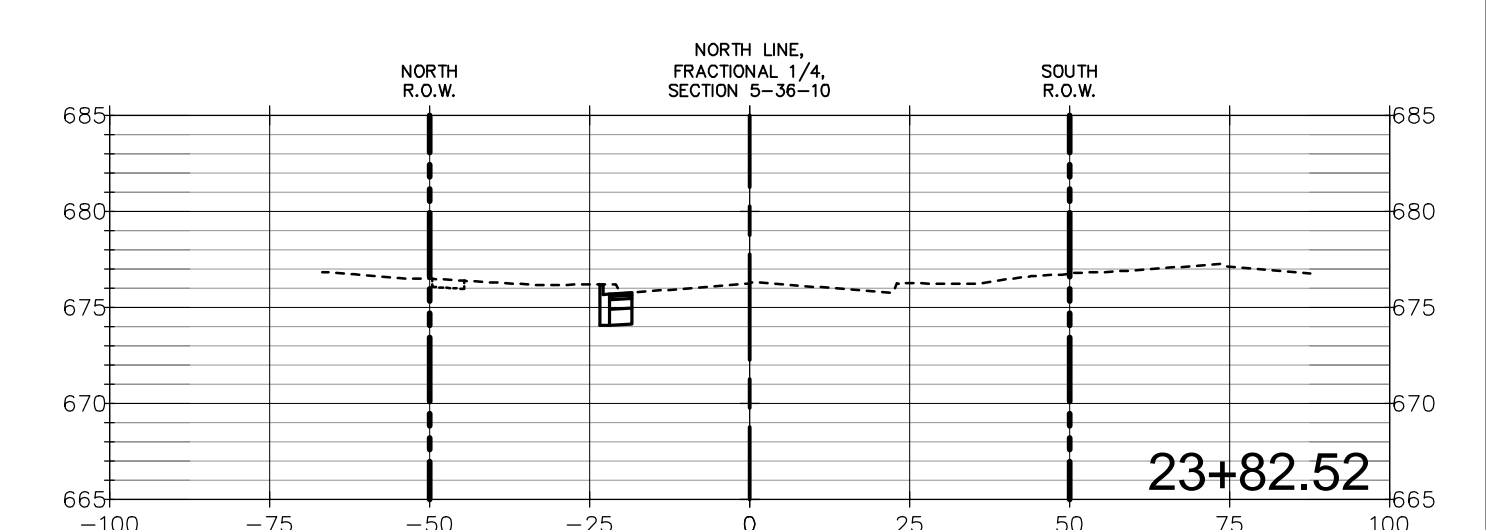
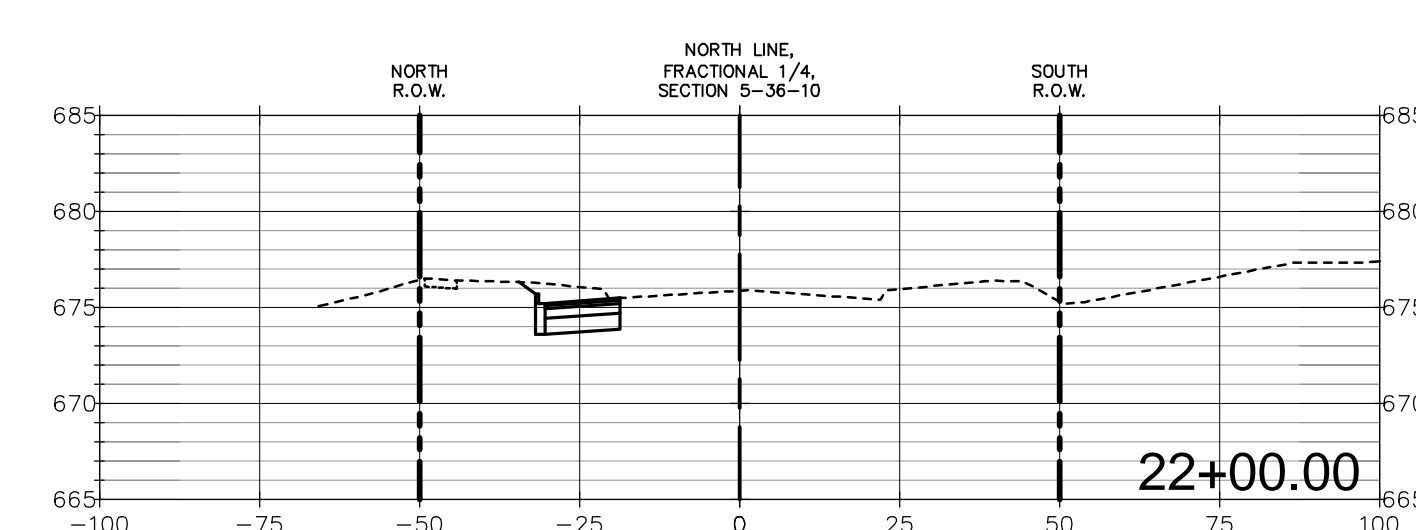
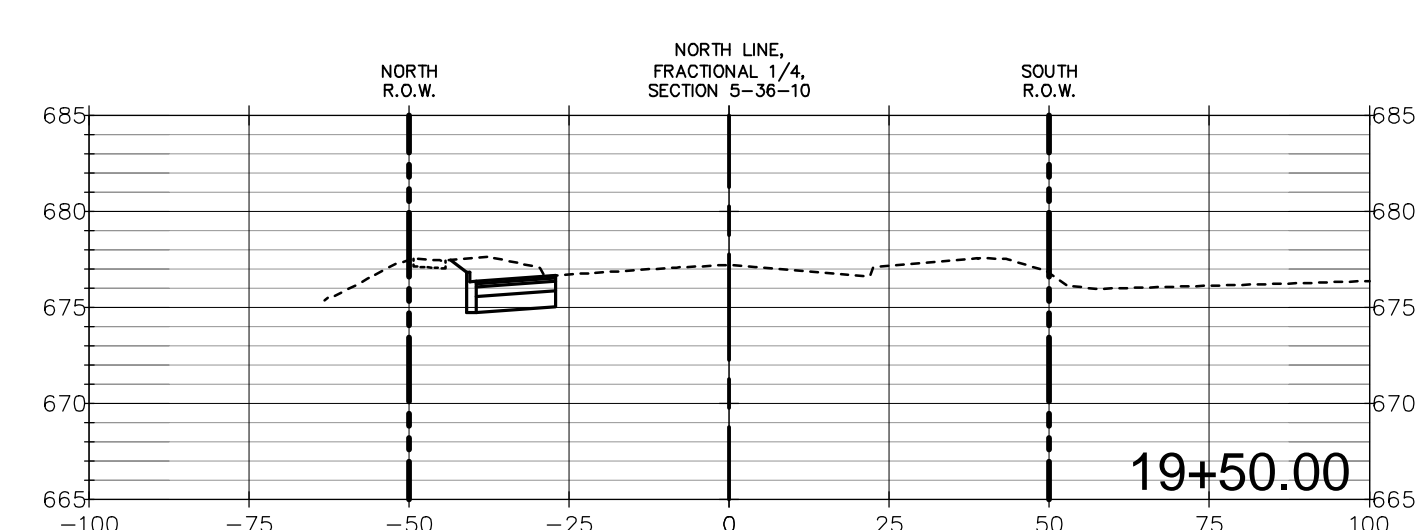
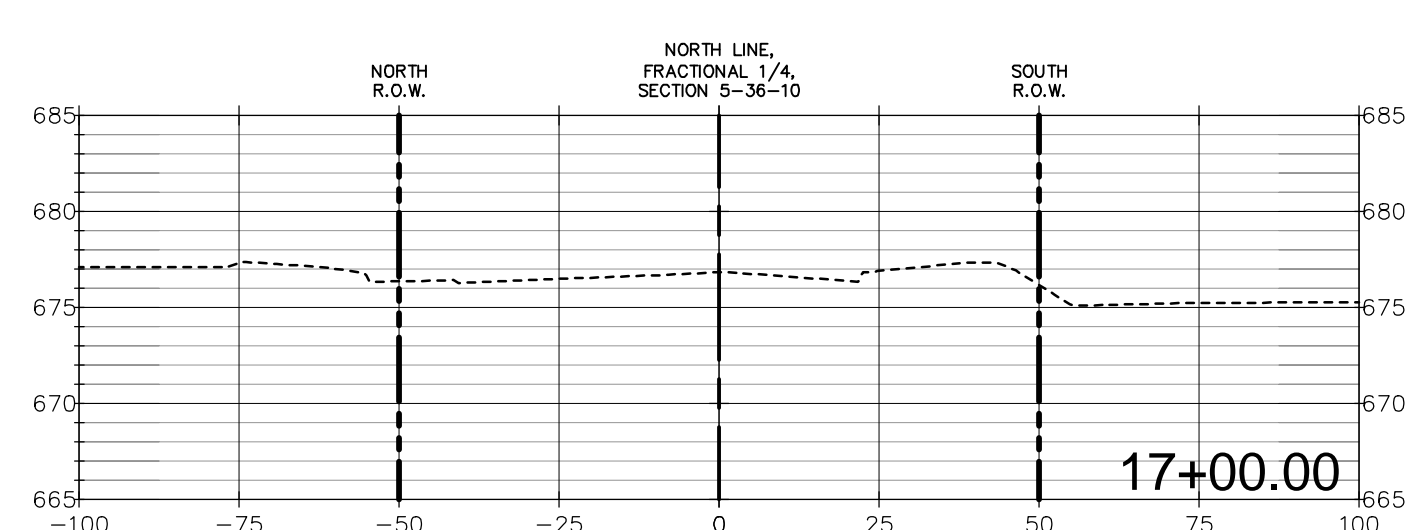
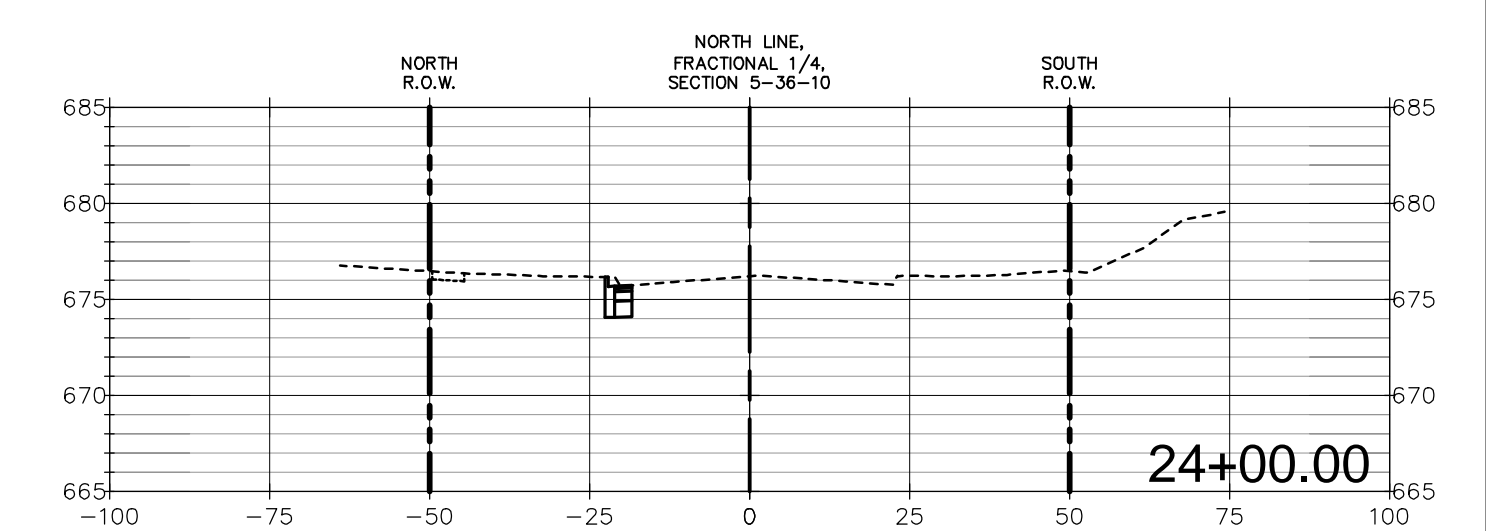
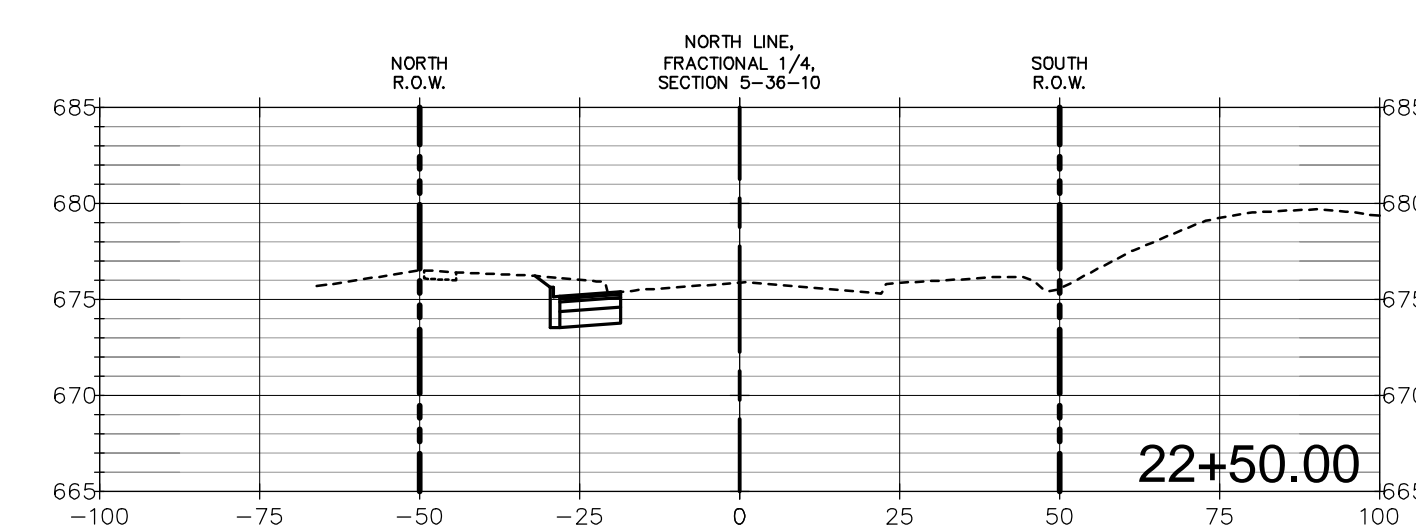
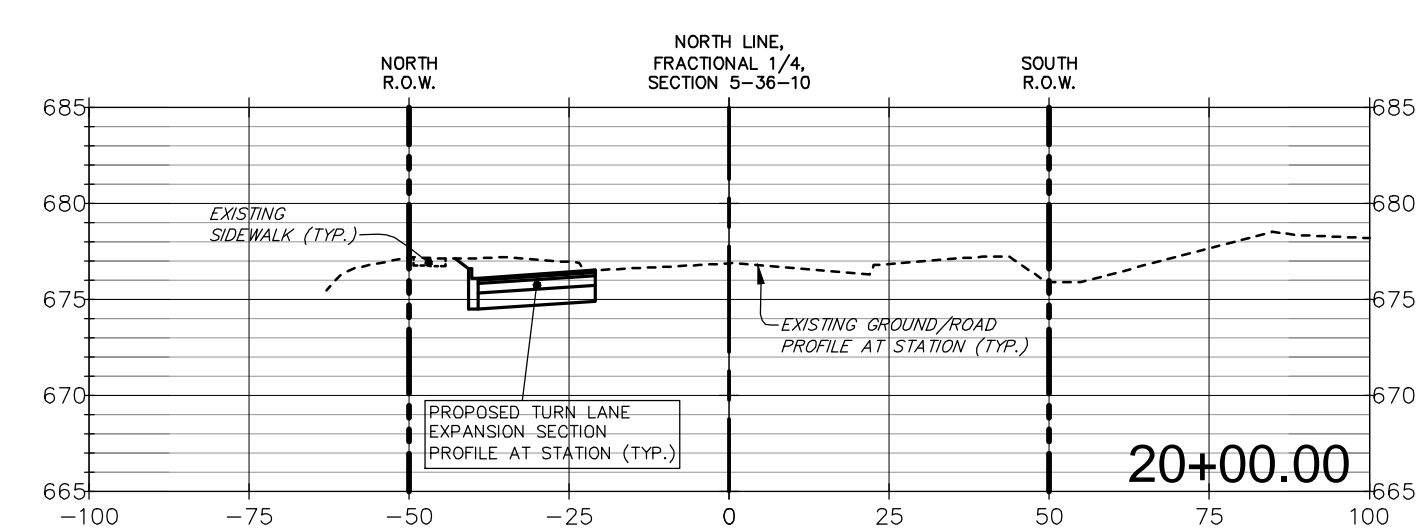
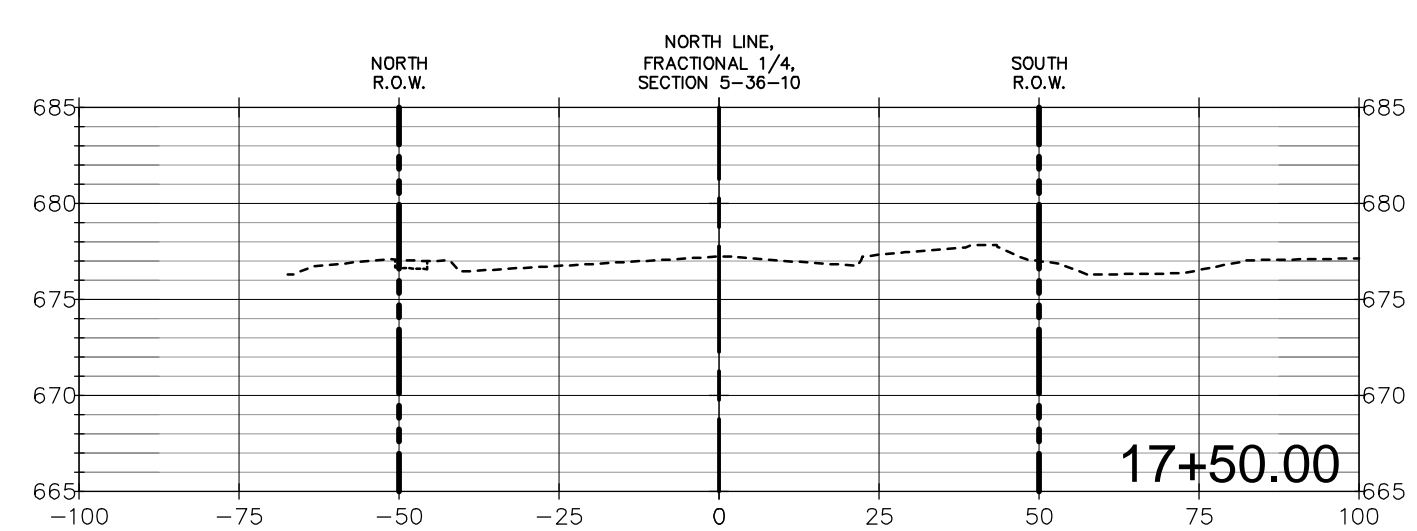
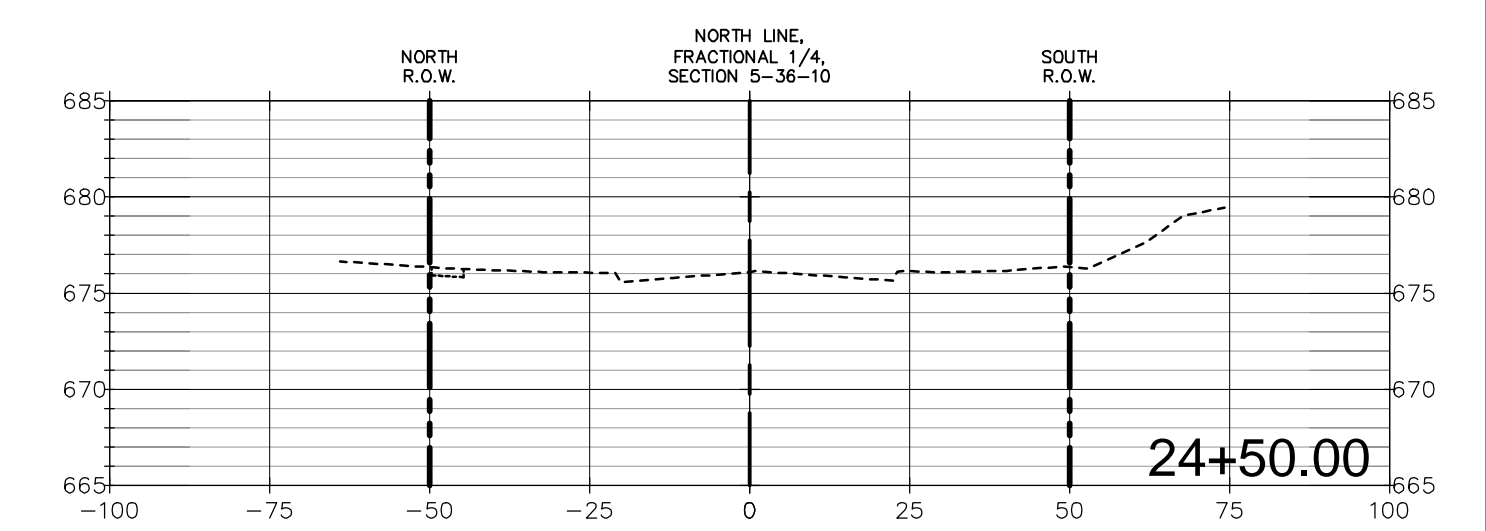
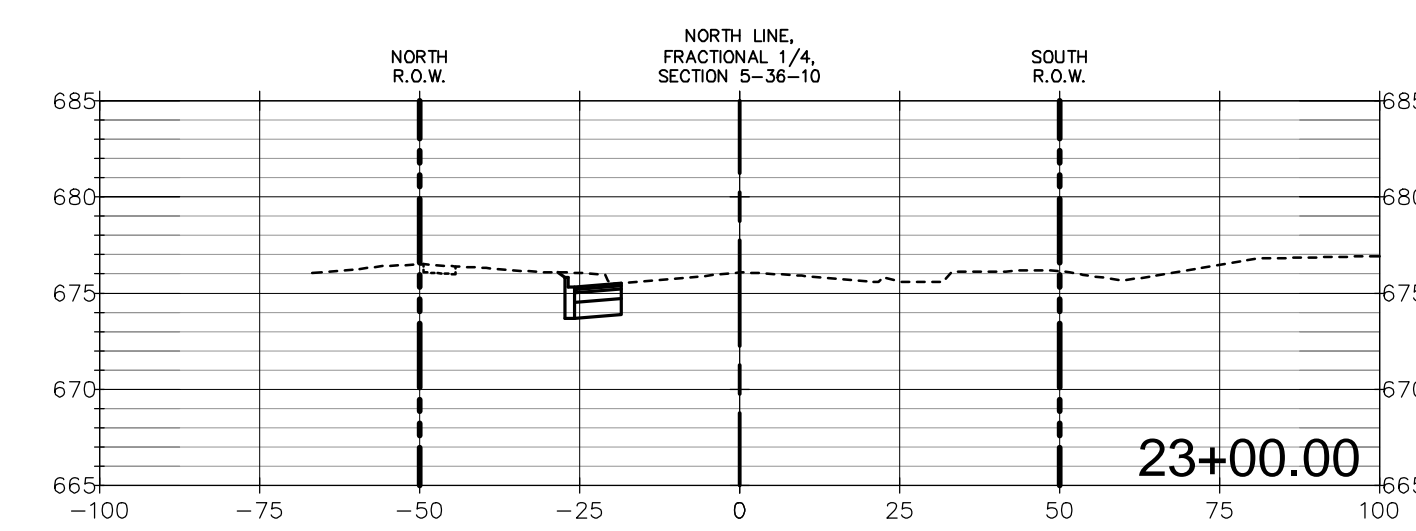
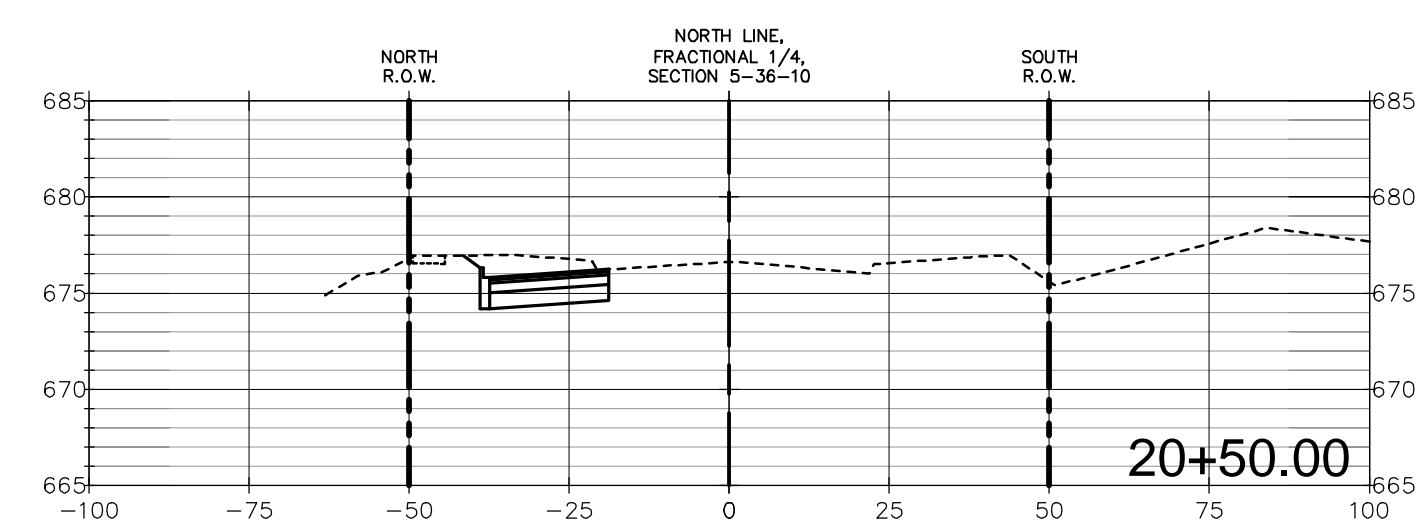
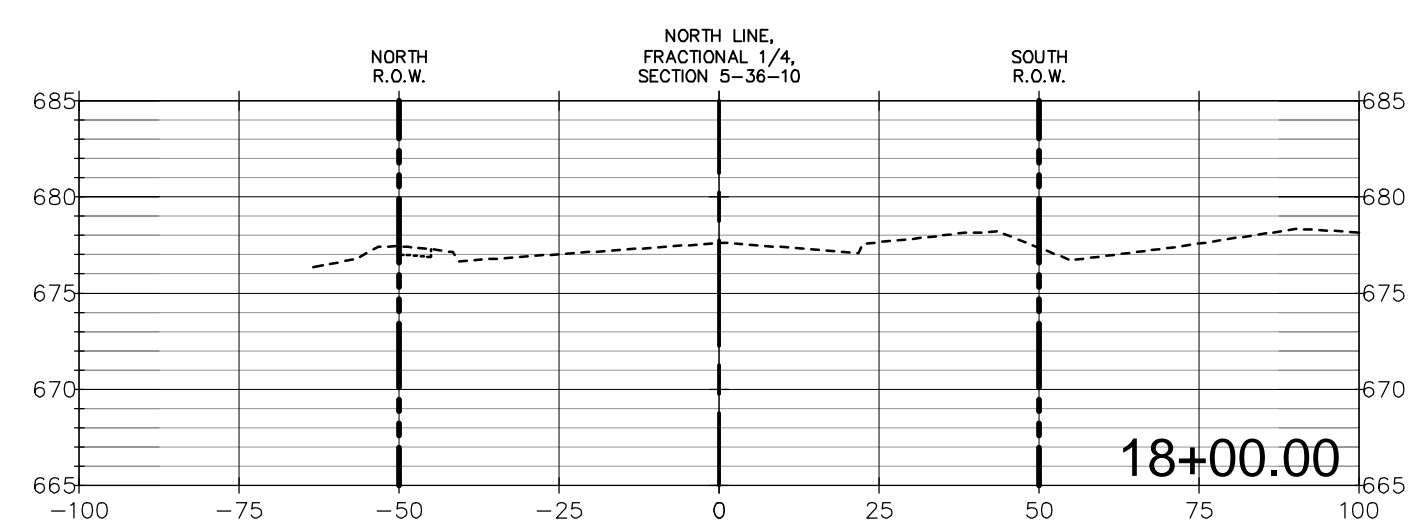
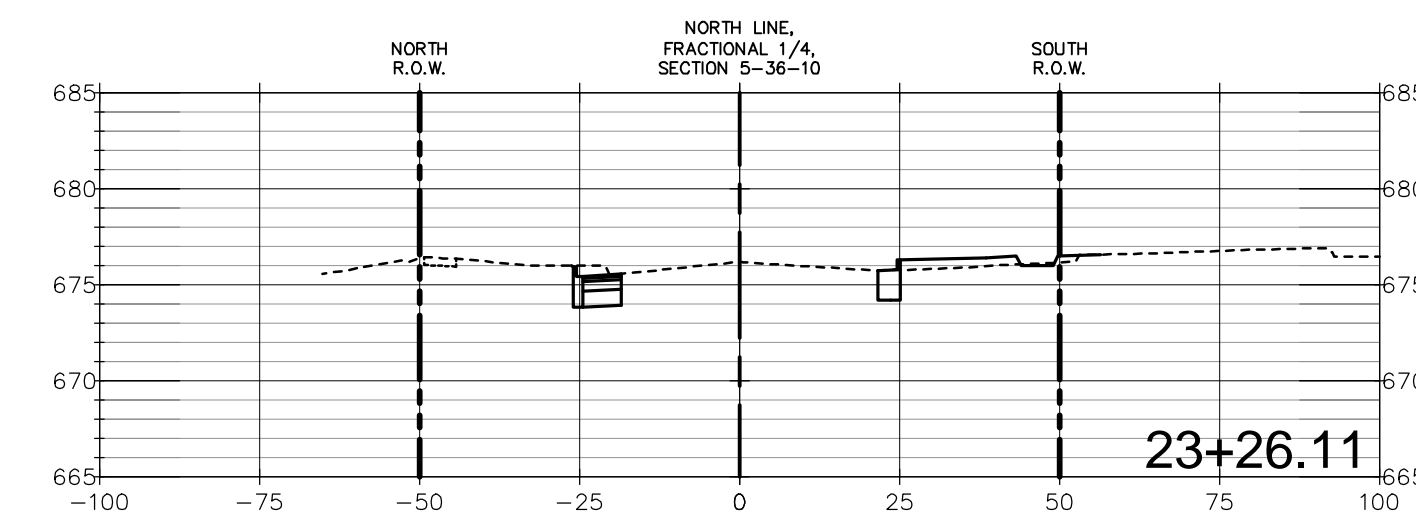
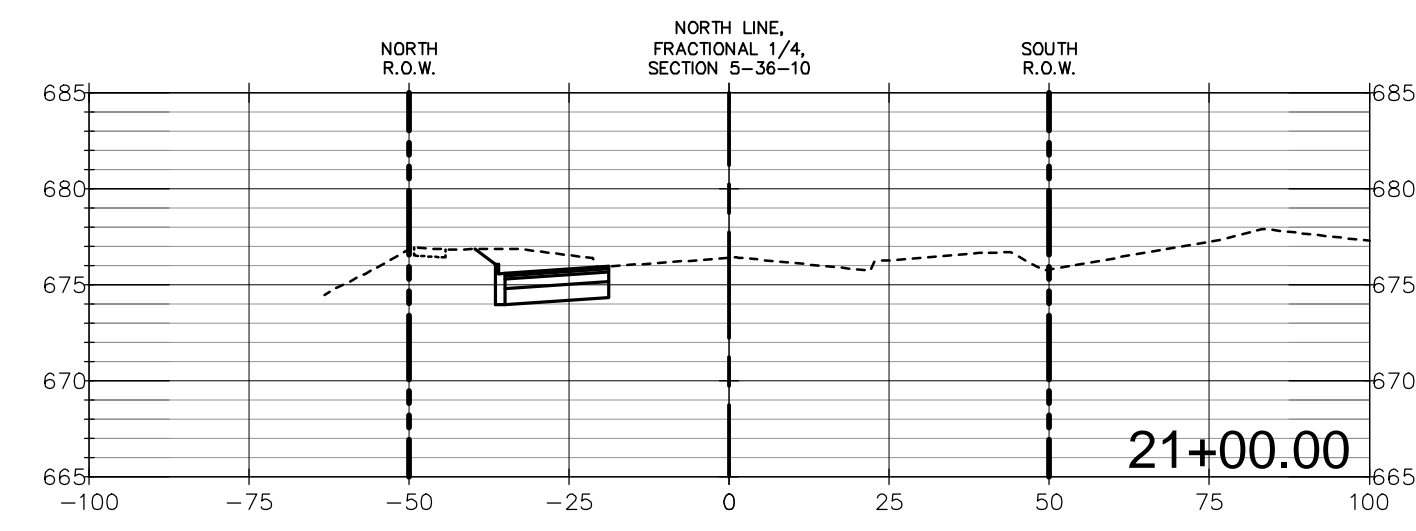
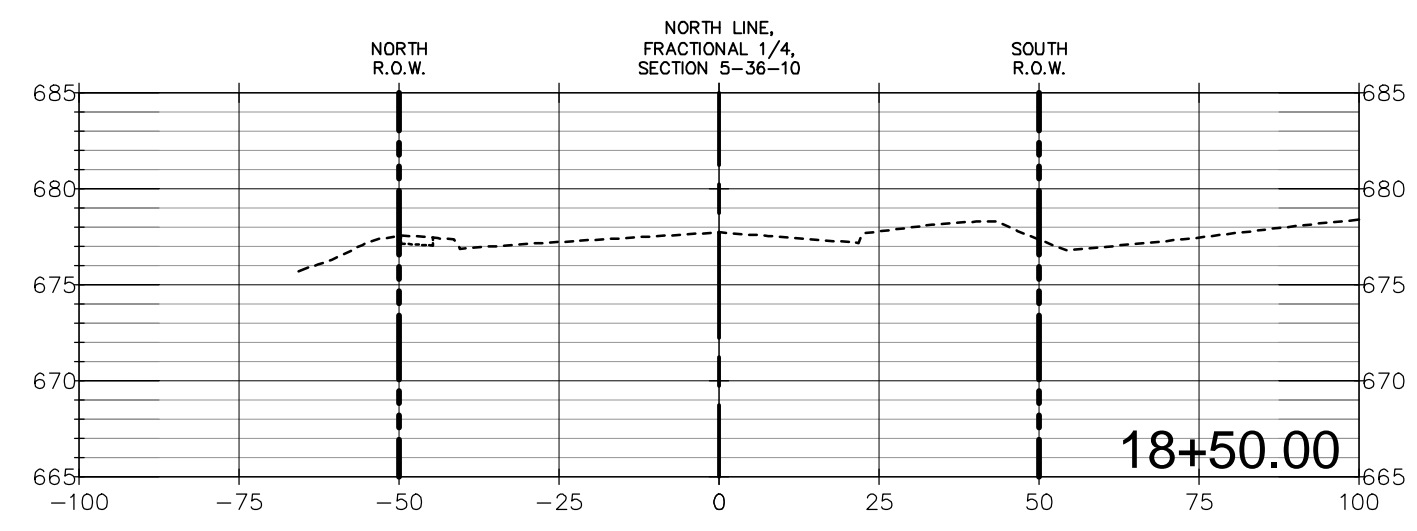
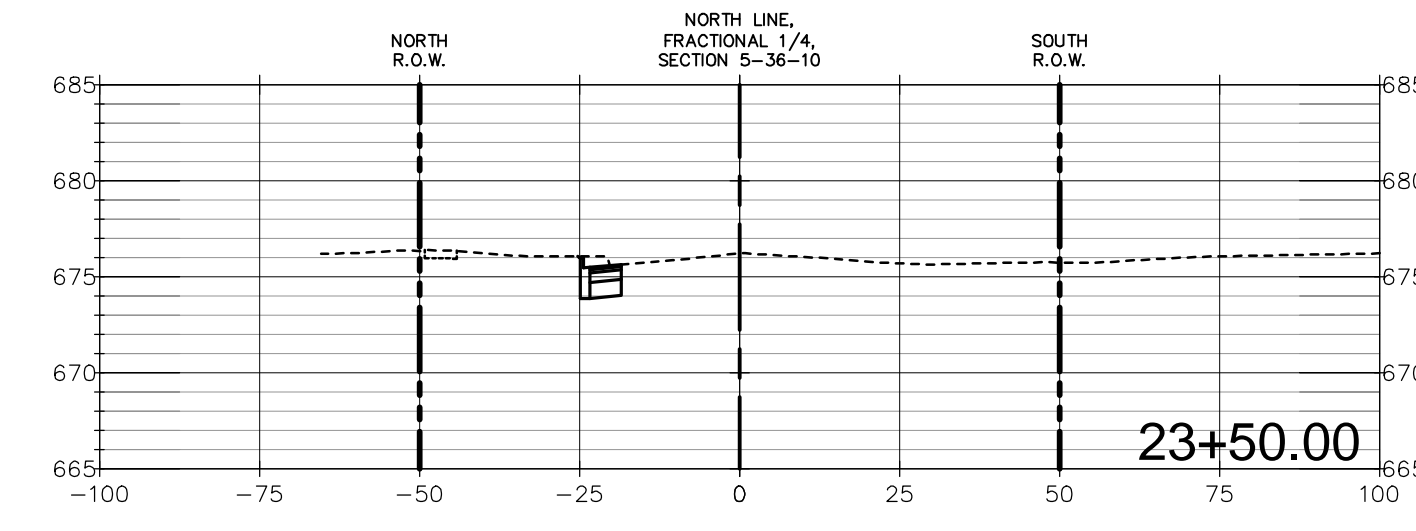
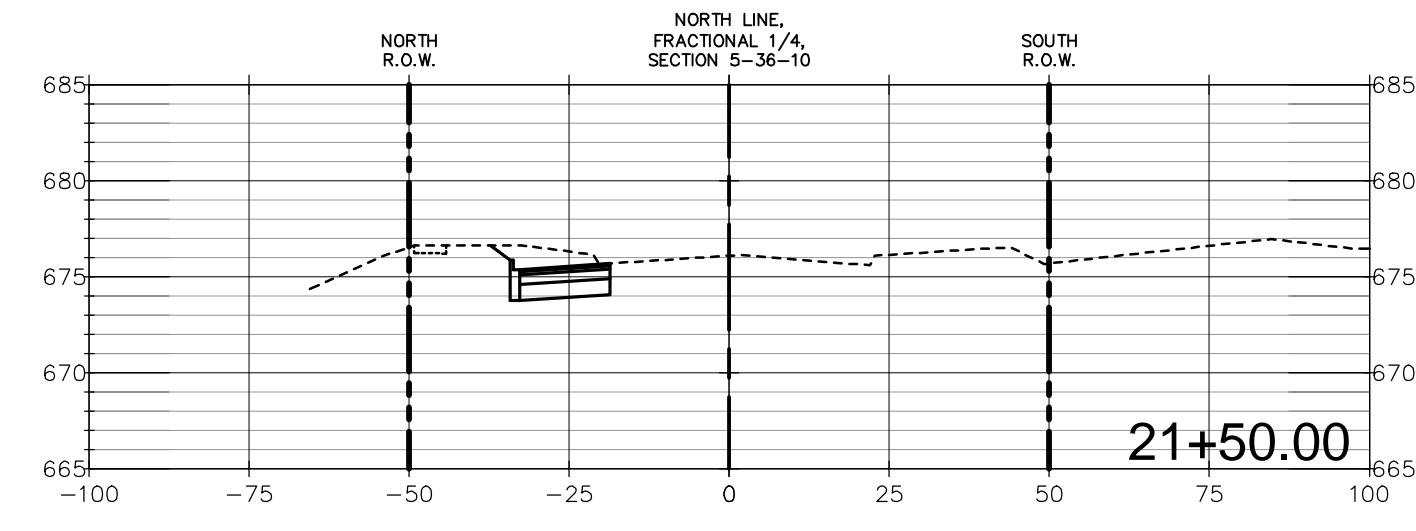
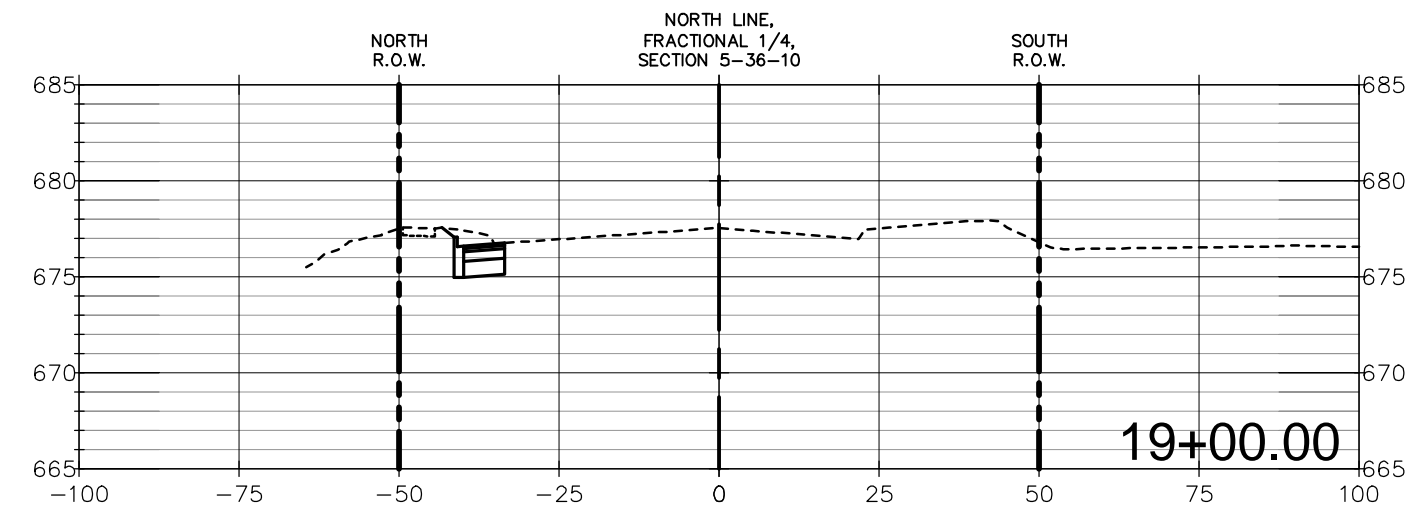
Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
135th STREET IMPROVEMENTS
JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446

DRAWING TITLE:
CONSTRUCTION DETAILS
(2 OF 2)

DRAWING No.
315-0053-C3
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET C6.1

SCALE
HORIZ. : 1" = 30'
VERT. : 1" = 10'



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0	3-10-2016	RELEASED FOR REVIEW	R.P.
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DRAWING TITLE:
135th STREET
CROSS-SECTIONS

DRAWING No.
 315-0053-C3
 SCALE:
 AS NOTED
 ENGINEERING DEPARTMENT
 SHEET C7.0

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