

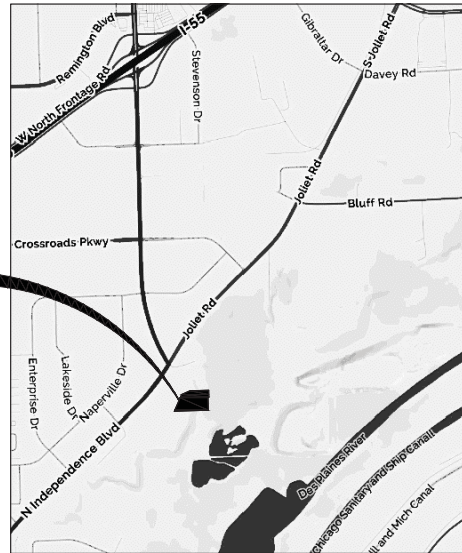
RTE. 53 & JOLIET ROAD

ROMEIOVILLE, ILLINOIS

LEGEND

EXISTING	PROPOSED		
			DECIDUOUS TREE
			EVERGREEN TREE
			OVERLAND FLOOD ROUTE
			DRAINAGE ROUTE
			DOWNSPOUT
			SILT FENCE LINE
			DEPRESSED CURB
			SOIL EROSION GEOTEXTILE PROTECTION
			CONCRETE
			LIGHT-DUTY ASPHALT
			HEAVY-DUTY ASPHALT
			EXISTING BUILDING
			PROPOSED BUILDING
			GRAVEL

PROJECT LOCATION



PROJECT LOCATION MAP



INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. GRADING PLAN
4. PAVING AND SIGNAGE PLAN
5. UTILITIES PLAN
6. LANDSCAPING PLAN
- 7-9. EROSION CONTROL PLAN
10. SWPP PLAN
11. WHOLE SITE EXHIBIT
12. DETAILS

STORM WATER DRAINAGE CERTIFICATION

STATE OF ILLINOIS)
SS.
COUNTY OF DUPAGE)

I, ALGIS J. RUGENIUS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, 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.

DATED THIS 10TH DAY OF AUGUST, A.D. 2018.

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-047342
MY REGISTRATION EXPIRES ON NOVEMBER 30, 2019

SOIL EROSION PLAN CERTIFICATION

STATE OF ILLINOIS)
SS.
COUNTY OF DUPAGE)

I, ALGIS J. RUGENIUS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THIS EROSION CONTROL PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND COMPLES WITH THE URBAN SOIL EROSION CONTROL AND STANDARDS IN ILLINOIS (LATEST EDITION) AND THE GENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

DATED THIS 10TH DAY OF AUGUST, A.D. 2018.

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-047342
MY REGISTRATION EXPIRES ON NOVEMBER 30, 2019

ENGINEER'S CERTIFICATION

STATE OF ILLINOIS)
SS.
COUNTY OF DUPAGE)

I, ALGIS J. RUGENIUS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY MORRIS ENGINEERING, INC., 515 WARRENVILLE ROAD, Lisle, ILLINOIS, 60532, UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS. I FURTHER STATE THAT THE PROPOSED IMPROVEMENTS WILL NOT CAUSE PONDING OR FLOODING ON THE PROPERTY OR ADJACENT PROPERTIES.

DATED THIS 10TH DAY OF AUGUST, A.D. 2018.

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-047342
MY REGISTRATION EXPIRES ON NOVEMBER 30, 2017

PREPARED FOR

VYNERA TRANSPORTATION, INC.
2145 INTERNATIONALE PKWY, STE. 300
WOODRIDGE, ILLINOIS 60517

NOTICE TO CONTRACTORS

EXISTING UTILITIES

WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF OVERHEAD AND/OR UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR VERACITY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL PUBLIC AND PRIVATE UTILITY COMPANIES WHICH MAY HAVE OVERHEAD OR UNDERGROUND FACILITIES IN THE AREA BEFORE CONSTRUCTION BEGINS. (SEE SPECIFICATIONS)



SITE BENCHMARK

SET PK NAIL IN ASPHALT APPROXIMATELY 18.9 FEET
NORTHEASTERLY AND 3.6 FEET SOUTHEASTERLY OF THE
NORTHEAST CORNER OF EXISTING BUILDING.
ELEVATION = 598.55

DATE: 8/10/2018
REV: VALUE COMMENTS

COVER SHEET
ROUTE 53 & JOLIET ROAD
ROMEIOVILLE, ILLINOIS

Morris Engineering, Inc.
Civil Engineering - Consulting
Lisle, Illinois 60532
515 Warrenville Road, Lisle, IL 60532
Phone: (630) 271-0770
Fax: (630) 271-0774
Email: info@morriseng.com
Website: www.morriseng.com



FIELD CHECK: CR
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OF 12 SHEETS
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GENERAL NOTES

- ALL EARTHWORK, GRADING, UTILITIES, AND STREET IMPROVEMENTS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, AND ALL REVISIONS THERETO.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS IN ACCORDANCE WITH SECTION 107 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE URBAN COMMITTEE OF THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- THE CONTRACTOR SHALL BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL EXCAVATE AROUND UTILITIES TO DETERMINE ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK COMMENCES. ALL UTILITIES SHALL BE STAKED PRIOR TO CONSTRUCTION.
- THE OWNER WILL FURNISH THE CONTRACTOR WITH LINES, GRADES AND ELEVATIONS NECESSARY TO THE PROPER PROSECUTION AND CONTROL OF THE WORK ONCE.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST SEVENTY-TWO (72) HOURS NOTICE BEFORE ANY STAKING TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO THE CONTRACTOR'S NEGLIGENCE IN PRESERVING THE STAKES SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.
- THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE VILLAGE OF ROMEOVILLE AT LEAST FORTY- EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - TELEPHONE NUMBERS: MORRIS ENGINEERING, (830) 271-0770
 - VILLAGE OF ROMEOVILLE CONTACT INFORMATION
MR. JONATHAN A. ZABROCKI, P.E.
C/O VILLAGE OF ROMEOVILLE PUBLIC WORKS
615 ANDERSON DRIVE
ROMEOVILLE, IL 60446
(815) 886-1870
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SPECIFICATIONS AND SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE BIDDING PERIOD. SAID DISCREPANCIES WILL BE CLARIFIED BY THE ENGINEER TO THE BEST OF HIS ABILITY PRIOR TO RECEIPT OF BIDS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAIMS FOR ADDITIONAL COMPENSATION FOR WORK ITEMS BECAUSE OF CONTRACTOR'S LACK OF COMPLIANCE WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY LATENT DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE CONSTRUCTION PROCESS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAIMS FOR ADDITIONAL COMPENSATION FOR WORK PERFORMED TO CORRECT A LATENT CONDITION NOT BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS (UNDERGROUND STRUCTURES AND CONDUITS) SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES OR STRUCTURE EXCAVATIONS AND SHALL DEPOSIT SAID SURPLUS MATERIALS ON THE SITE IN ACCORDANCE WITH THE GRADING PLAN OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT PLACE ANY EXCAVATED MATERIAL UPON ANY TOPSOIL. THE TOPSOIL SHALL BE REMOVED FROM ALL AREAS TO BE FILLED AND SHALL BE STOCKPILED IN AREAS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT DISCHARGE INTO STREAMS, PONDS, WETLANDS OR ITS TRIBUTARIES ANY MOTOR OIL, TRANSMISSION FLUID, LUBRICANTS OR ANY OTHER PETROLEUM DISTILLATES. ANY PETROLEUM DISTILLATES DISCHARGED ON THE GROUND SURFACE SHALL BE PROMPTLY AND PROPERLY REMOVED PRIOR TO THE RESUMPTION OF ANY WORK ON THE PROJECT.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FIELD TILES. ANY FIELD TILES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE. INVESTIGATION SHALL BE MADE TO INSURE THAT FIELD TILES DO NOT CONVEY OFF SITE WATER. TILES THAT CONVEY OFF SITE WATER SHALL BE REROUTED THROUGH THE SITE. TILES THAT DO NOT CONVEY OFF SITE WATER SHALL BE ABANDONED IN AN APPROPRIATE MANNER APPROVED BY THE VILLAGE. FIELD TILES WITHIN A RIGHT-OF-WAY SHALL BE REMOVED AND BACKFILLED WITH C&G COMPACTED IN EIGHT INCH LIFTS TO THE BOTTOM OF THE ROADWAY BASE. EXISTING FIELD TILES SHALL BE REMOVED BY SLIT TRENCHING.
- THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS SHALL BE RESPONSIBLE TO PLACE ALL FIRE HYDRANTS, FRAMES AND LIDS OR GRATES, AND ALL GRATES FOR MANHOLES, CATCH BASINS, INLETS AND VALVE VAULTS AT THE ELEVATIONS SHOWN AND SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR SAID ADJUSTMENT AND THE COST OF SAID ADJUSTMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURES MENTIONED ABOVE.
- ALL MANHOLES SHALL HAVE CONCRETE INVERTS CONFORMING TO THE SHAPE OF THE PIPE. CONCRETE INVERTS SHALL BE PLACED IN THE FIELD AND THE COST OF CONCRETE INVERTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS INLETS AND MANHOLES.
- WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR STRUCTURES AND CONTRACT UNIT PRICE PER LINEAL FOOT FOR SYSTEMS WHICH SHALL BE PAYMENT IN FULL FOR CLEANING, PATCHING, REMOVAL AND DISPOSAL OF DEBRIS AND DIRT. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE UNTIL FINAL ACCEPTANCE BY THE OWNER OR MUNICIPALITY.
- THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, SHALL ON A DAILY BASIS CLEAN THE PAVEMENT OF SUCH DIRT AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE PIPE BEDDING IN ACCORDANCE WITH THE DETAIL ON THE PLANS. THE COST OF THE BEDDING SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT OF THE VARIOUS SIZES OF STORM SEWER. NO ADDITIONAL COMPENSATION WILL BE MADE FOR PIPE BEDDING.
- THE CONTRACTOR SHALL PLACE TOPSOIL AT A 6" MINIMUM DEPTH AND SEED OR SOD ALL AREAS DESIGNATED BY THE ENGINEER.

GENERAL NOTES (CONT.)

- THE CONTRACTOR SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL OVERFLOW POINT ELEVATIONS AND CROSS SECTIONS ARE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THOSE SHOWN ON THE PLANS.
- ALL CONSTRUCTION SHALL CONFORM WITH THE PERMIT PLANS AND REVISIONS THERETO APPROVED BY THE VILLAGE AND UTILITIES COMPANIES.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-862-0123) PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL WORK HEREIN PROPOSED SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, THE MUNICIPALITY, AND ALL PERTINENT LAWS, DIRECTIVES, ORDINANCES AND THE LIKE SHALL BE CONSIDERED TO BE A PART OF THESE SPECIFICATIONS.
- THE VILLAGE OF ROMEOVILLE DETAILS SUPERSEDE ALL OTHERS.
- ALL NEW CURB THAT MEETS EXISTING CURB WILL HAVE THREE DRILLED AND GROUTED #6 REINFORCING BARS OR EXPANSION TIE ANCHORS, 50" DIAMETER FOR EACH NEW CURB ADJACENT TO EXISTING CURB.
- FOR STRUCTURE ADJUSTMENT - MINIMUM OF 6" (2 @ 3") ADJUSTING RINGS (10" MAX) CONCRETE RINGS WILL BE 3" MINIMUM RUBBER CAN BE 1" - 3" AND MUST BE USED FOR TOP ADJUSTING RING IN PAVED AREAS. *EJW INTRA-RISER RUBBER COMPOSITE ADJUSTMENT RISERS" OR APPROVED EQUAL.
- ADD AN INTERNAL/EXTERNAL ADAPTOR SEAL ON THE ADJUSTED SANITARY MANHOLE. THE "VE A" SEAL STOPS INFLOW BETWEEN THE MANHOLE FRAME AND THE TOP ADJUSTING RING AND IT ALSO SEALS THE MANHOLE CHIMNEY FROM THE FRAME TO THE CORBEL. ONE VENDOR OF THIS SEAL IS ADAPTOR INC.
- THE DEVELOPER IS REQUIRED TO HAVE A GEOTECHNICAL ENGINEER ON-SITE TO MONITOR EARTHWORK AND THE GRADING ACTIVITY. IN ORDER TO IDENTIFY UNSUITABLE SOILS FOR REMOVAL FROM THE SITE. A NOTE TO THIS EFFECT MUST BE ADDED TO THE PLANS, AND A LETTER COMMITTING TO THIS REQUIREMENT MUST BE PROVIDED BY THE DEVELOPER. IN ADDITION, DAILY REPORTS AND COPIES OF ALL GEOTECHNICAL TESTING (TESTING AND FREQUENCY IN ACCORDANCE WITH THE IDOT STATE SPECIFICATIONS) MUST BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE ONCE THE ROADWAYS HAVE BEEN COMPLETED

PROJECT SPECIFICATIONS AND GENERAL CONSTRUCTION NOTES

- THE PROJECT SPECIFICATIONS AND GENERAL CONSTRUCTION NOTES SHALL INCLUDE THE FOLLOWING PROVISIONS:
- ALL ON-SITE AND OFF-SITE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "VILLAGE OF ROMEOVILLE";
 - PERMITS SHALL BE OBTAINED FROM ALL OUTSIDE GOVERNMENTAL AGENCIES HAVING JURISDICTION;
 - ALL STRUCTURE ADJUSTMENTS SHALL BE ACCOMPLISHED IN CONFORMANCE WITH THE MOST RECENT VILLAGE STANDARD;
 - EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE EITHER INTEGRATED INTO THE SITE DRAINAGE SYSTEM, REMOVED OR PLUGGED IN A MANNER DEEMED APPROPRIATE BY THE VILLAGE ENGINEER;
 - THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL ADJUSTMENTS BEFORE AND AFTER FINAL INSPECTION, PRIOR TO FINAL ACCEPTANCE BY THE VILLAGE OF ROMEOVILLE;
 - THE VILLAGE MUST HAVE FORTY-EIGHT (48) HOURS NOTICE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITY;
 - THE TESTING AND STERILIZATION OF ALL NEW WATER DISTRIBUTION FACILITIES SHALL BE COMPLETED PRIOR TO MAKING WATER SERVICE TAPS BY AN OUTSIDE TESTING SERVICE;
 - MATERIAL SPECIFICATIONS COMPLY WITH VILLAGE STANDARDS AND INCLUDE:
 - PAVING BASE MATERIALS
 - PAVING SURFACE MATERIALS
 - CONCRETE MATERIALS
 - PIPE MATERIALS.

EXCAVATION

- ALL SITE CLEARING, EXCAVATION, GRADING, COMPACTION, SUBGRADE PREPARATION, BASE COURSE, SURFACE COURSE, PCC CURB AND GUTTER AND SIDEWALKS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS, LATEST EDITION.
- EARTHWORK UNDER THIS CONTRACT SHALL INCLUDE THE FOLLOWING:
- REMOVAL OF EXISTING VEGETATION WITHIN CONSTRUCTION LIMITS FROM THE SITE.
 - PROTECTION OF CERTAIN TREES AS DIRECTED BY THE OWNER'S REPRESENTATIVE WITH APPROVED FENCING.
 - STRIPPING OF ALL TOPSOIL, AND OTHER UNSUITABLE MATERIALS FROM BUILDING AND/OR PAVEMENT AREAS AND REMOVAL FROM SITE OF ALL EXCESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES. THE COST OF ALL WORK NECESSARY TO MEET THESE REQUIREMENTS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT, AND NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF PROPER COMPACTION CANNOT BE OBTAINED SO THAT THE OWNER'S REPRESENTATIVE MAY DETERMINE WHAT REMEDIAL MEASURES MAY BE NEEDED.
- EXISTING SEWER AND WATERMAIN TRENCHES UNDER DRIVEWAYS IN PARKWAYS SHALL BE EXCAVATED TO THE TOP OF PIPE AND BACKFILLED WITH COMPACTED TRENCH BACKFILL.
- EXISTING GRAVEL COMPACTION TO BE TESTED OR SOIL BORINGS TO BE MADE TO VERIFY SUITABILITY OF EXISTING GRAVEL AS SUBGRADE.

STORM SEWER NOTES

- STORM SEWER JOINTS MUST BE FLEXIBLE GASKET O-RINGS PER ASTM C361, ASTM C433, AND ASTM C1616.
- VILLAGE REQUIRES SUBMISSION OF RECORDED VIDEO INSPECTIONS OF ALL PUBLIC STORM SEWER.
- FOR CLOSED LID 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 ARE ALLOWED. UNDER PAVED AREAS, TOP RING SHOULD BE RUBBER. USE ONE (1) EJW INTRA-RISER RUBBER COMPOSITE.

SITE PLAN

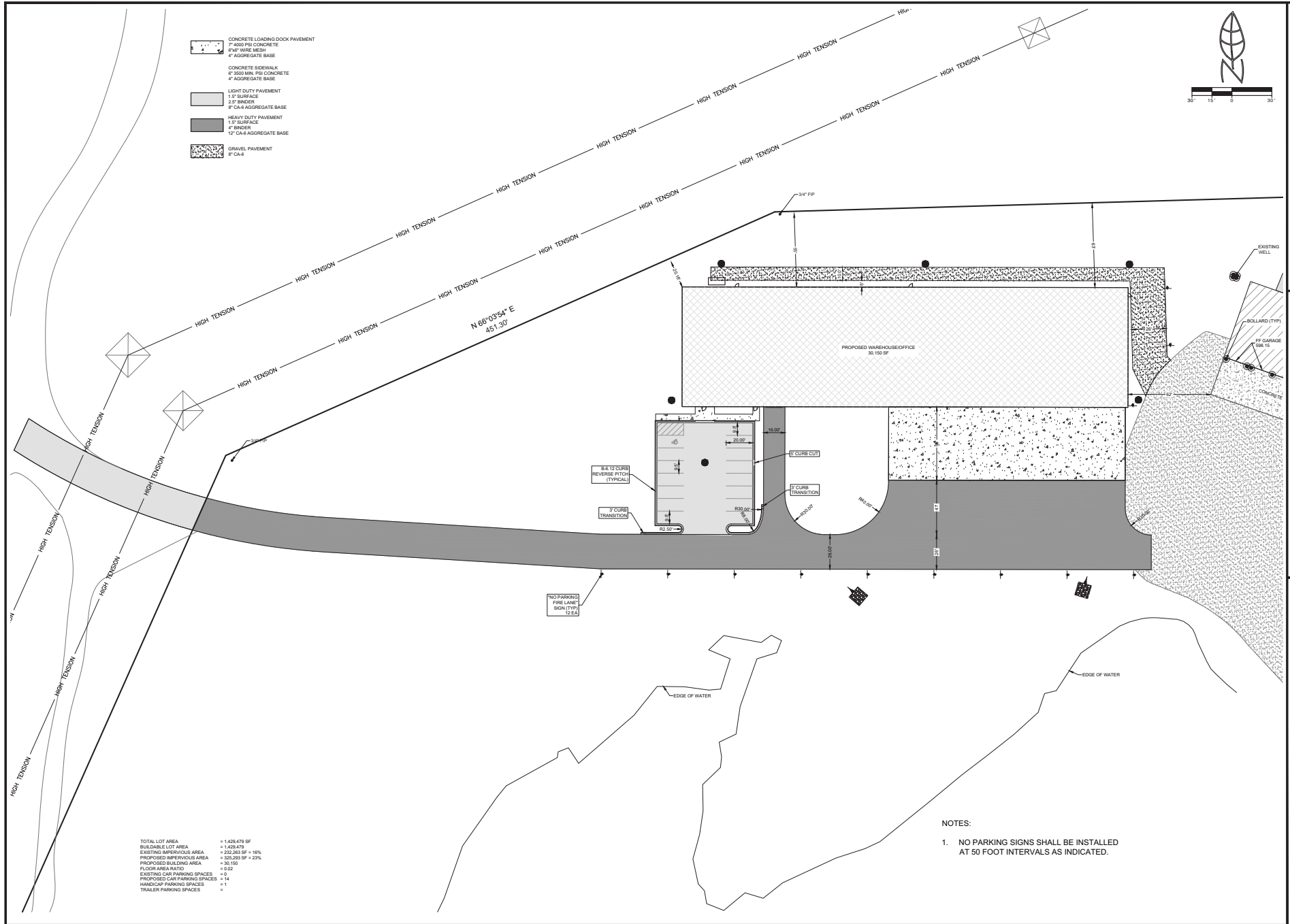
ROUTE 53 & JOLIET ROAD
ROMEOVILLE, ILLINOIS

Morris Engineering, Inc.
Civil Engineering - Consulting
1000 E. Main Street
515 Warrington Road, Suite 1, 60532
Phone: (830) 271-0770
Fax: (830) 271-0771
SALES: (830) 271-0774
Website: www.morri.com



FIELD ORDER	08
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TOTAL LOT AREA	= 1,429,479 SF
BUILDABLE LOT AREA	= 1,429,479
EXISTING IMPERVIOUS AREA	= 232,281 SF = 16%
PROPOSED IMPERVIOUS AREA	= 305,280 SF = 23%
PROPOSED BUILDING AREA	= 36,150
FLOOR AREA RATIO	= 0.02
EXISTING CAR PARKING SPACES	= 14
PROPOSED CAR PARKING SPACES	= 14
HANDICAP PARKING SPACES	= 1
TRAILER PARKING SPACES	= 1

NOTES:

1. NO PARKING SIGNS SHALL BE INSTALLED AT 50 FOOT INTERVALS AS INDICATED.

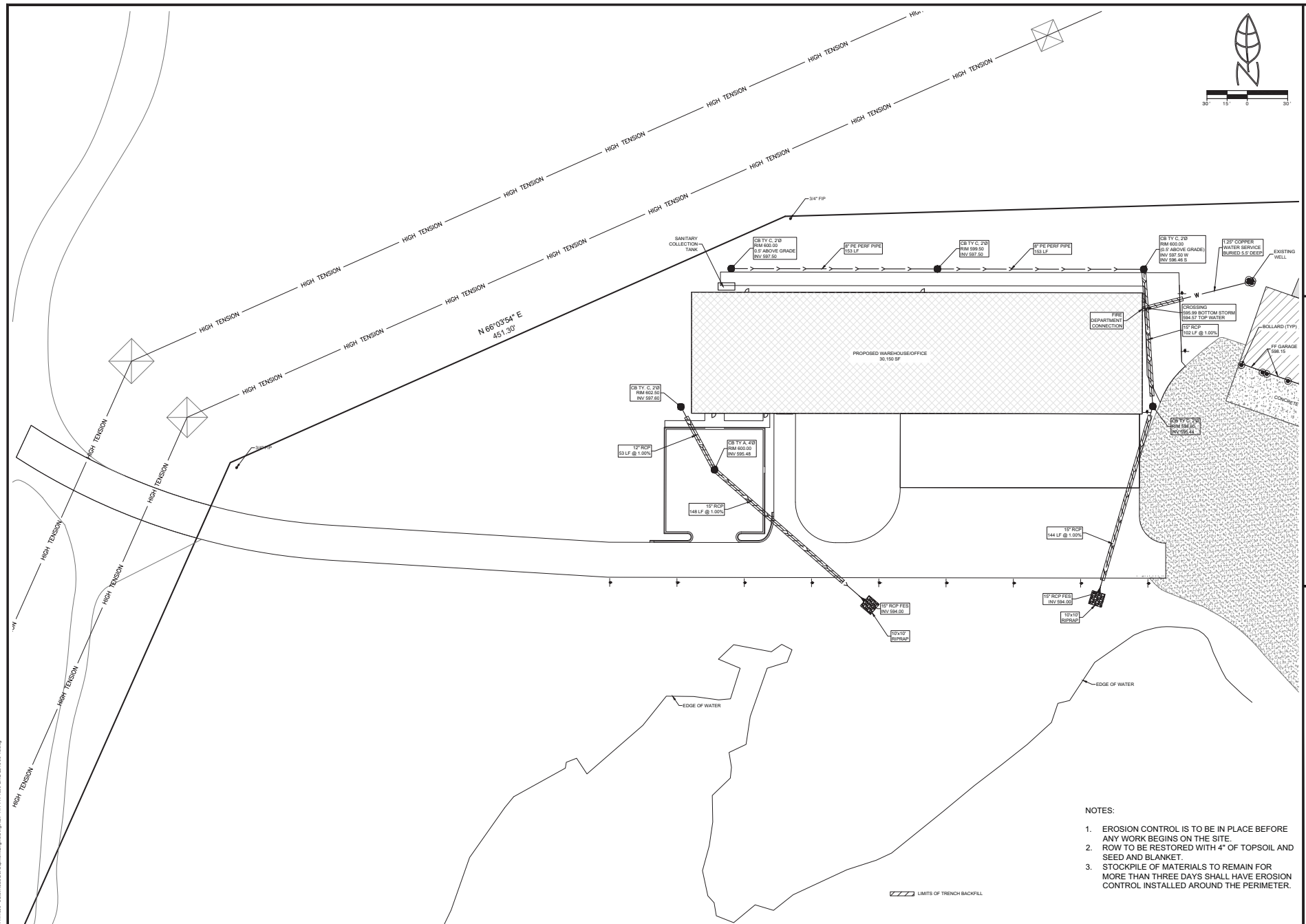
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PAVING AND SIGNAGE PLAN ROUTE 53 & JOLIET ROAD ROMEVILLE, ILLINOIS

Morris Engineering, Inc.
 Civil Engineering - Consulting
 515 Warrville Road, Suite 1, 60532
 Phone: (833) 271-0770
 Fax: (833) 271-0771
 Website: www.mecol.com



FIELD CHECK	OK
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Field Office: _____

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Approved by: _____

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Per Village Comments:

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UTILITIES PLAN

ROUTE 53 & JOLIET ROAD

ROMEDEVILLE, ILLINOIS

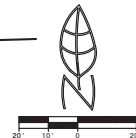
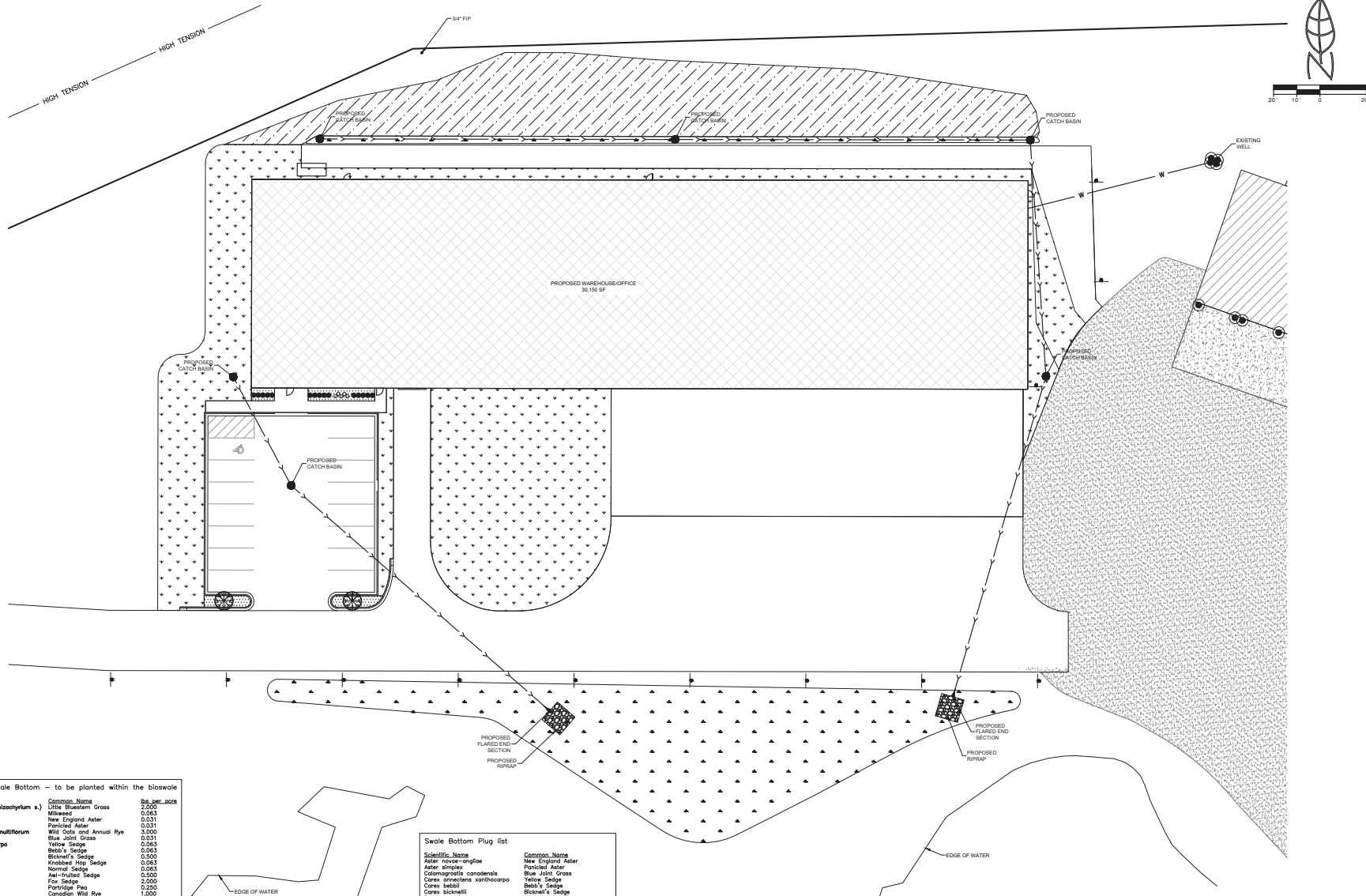
Morris Engineering, Inc.
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 Website: www.mem.com

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SHEET

5

OF 12 SHEETS



Scientific Name	Common Name	Qty per 1000
<i>Andropogon scoparius</i> (Schizachyrium s.)	Little Bluestem Grass	2,500
<i>Astilbe species</i>	Milweed	0.043
<i>Aster novae-angliae</i>	New England Aster	0.031
<i>Aster sp.</i>	Paricled Aster	0.031
<i>Avena sativa</i> and <i>Lolium multiflorum</i>	Wild Oats and Annual Rye	3,000
<i>Colimonogratia canadensis</i>	Blue Joint Grass	0.021
<i>Carex annectans xanthocarpa</i>	Yellow Sedge	0.063
<i>Carex baltica</i>	Belt's Sedge	0.063
<i>Carex bicolor</i>	Bicknell's Sedge	0.063
<i>Carex lupulina</i>	Knobbed Hog Sedge	0.063
<i>Carex normalis</i>	Normal Sedge	0.063
<i>Carex alpestris</i>	Aw-fruited Sedge	0.063
<i>Carex vulpinoidea</i>	Partridge Pea	2,500
<i>Carex lasiocarpa</i>	Concord Wild Rye	1,000
<i>Elymus canadensis</i>	Cinnamon Willow Herb	2,500
<i>Elymus virginicus</i>	Common Borewort	0.015
<i>Eupatorium perfoliatum</i>	Joei Manna Grass	0.063
<i>Glyceria striata</i>	Blue Flag	0.125
<i>Iris virginica</i>	Low Shrub Rush	0.250
<i>Juncus bollicus</i> & <i>floridus</i>	Torrey's Rush	0.063
<i>Leersia oryzoides</i>	Rice Cut Grass	0.031
<i>Lobelia sp.</i>	Blue Lobelia	0.031
<i>Mimulus ringens</i>	Monkey Flower	0.031
<i>Parthenium virginicum</i>	Swallow Grass	1,000
<i>Physostegia virginiana</i>	False Dragonhead	0.063
<i>Poa annua</i>	Marsh Blue Grass	1,000
<i>Pycnanthemum virginicum</i>	Common Mountain Mint	0.016
<i>Rubus idaeus</i>	Black-Eyed Susan	0.500
<i>Sagittaria arifolia</i>	Dark Green Rush	0.500
<i>Silphium perfoliatum</i>	Cup Plant	0.125
<i>Solidago canadensis</i>	Rodger's Goldenrod	0.063
<i>Solidago rigida</i>	Stiff Goldenrod	0.125
<i>Veronica hastata</i>	Blue Vervain	0.500
<i>Veronica fasciculata</i>	Common Ironweed	0.016
<i>Zizia aurea</i>	Golden Alexander	0.031
TOTAL:		16,473

Swale Bottom Plug list

Scientific Name	Common Name	Qty per 1000
<i>Aster novae-angliae</i>	New England Aster	0.031
<i>Aster sp.</i>	Paricled Aster	0.031
<i>Colimonogratia canadensis</i>	Blue Joint Grass	0.021
<i>Carex annectans xanthocarpa</i>	Yellow Sedge	0.063
<i>Carex baltica</i>	Belt's Sedge	0.063
<i>Carex bicolor</i>	Bicknell's Sedge	0.063
<i>Carex lupulina</i>	Knobbed Hog Sedge	0.063
<i>Carex normalis</i>	Normal Sedge	0.063
<i>Carex alpestris</i>	Aw-fruited Sedge	0.063
<i>Carex vulpinoidea</i>	Partridge Pea	2,500
<i>Elymus canadensis</i>	Cinnamon Willow Herb	1,000
<i>Elymus virginicus</i>	Common Borewort	0.015
<i>Eupatorium perfoliatum</i>	Joei Manna Grass	0.063
<i>Glyceria striata</i>	Blue Flag	0.125
<i>Iris virginica</i>	Low Shrub Rush	0.250
<i>Juncus bollicus</i> & <i>floridus</i>	Torrey's Rush	0.063
<i>Leersia oryzoides</i>	Rice Cut Grass	0.031
<i>Lobelia sp.</i>	Blue Lobelia	0.031
<i>Mimulus ringens</i>	Monkey Flower	0.031
<i>Parthenium virginicum</i>	Swallow Grass	1,000
<i>Physostegia virginiana</i>	False Dragonhead	0.063
<i>Poa annua</i>	Marsh Blue Grass	1,000
<i>Pycnanthemum virginicum</i>	Common Mountain Mint	0.016
<i>Rubus idaeus</i>	Black-Eyed Susan	0.500
<i>Sagittaria arifolia</i>	Dark Green Rush	0.500
<i>Silphium perfoliatum</i>	Cup Plant	0.125
<i>Solidago canadensis</i>	Rodger's Goldenrod	0.063
<i>Solidago rigida</i>	Stiff Goldenrod	0.125
<i>Veronica hastata</i>	Blue Vervain	0.500
<i>Veronica fasciculata</i>	Common Ironweed	0.016
<i>Zizia aurea</i>	Golden Alexander	0.031

Plant on 12 to 18 inch centers.
No species should comprise more than 10% of the plugs.
Plugs shall be 6"-8" or equivalent.

PLANT SCHEDULE

Trees	Qty	Botanical Name	Common Name	Cont	Cal
AR	2	<i>Acer rubrum</i>	Redpointe Maple	B & B	2.5'
Shrubs	Qty	Botanical Name	Common Name	Cont	Cal
BS	15	<i>Buxus sinica</i> var. <i>insularis</i>	Dwarf Korean Boxwood	15	gal
Perennials	Qty	Botanical Name	Common Name	Cont	Cal
HR	5	<i>Heimerocallis x Happy Returns</i>	Happy Returns Daylily	1	gal

	SIDWALK GRASS (SEE TABLE)
	KENTUCKY BLUEGRASS
	Parthenium virginicum (HEAVY METAL SWITCH GRASS)
	2" MULCH
	6" TOPSOIL

NOTE
SEE DETAIL SHEET FOR TREE
AND SHRUB PLANTING DETAILS.

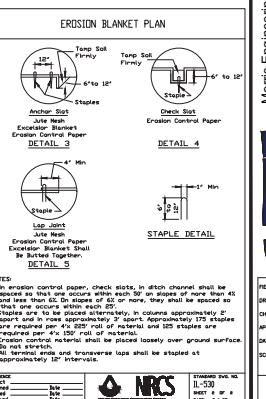
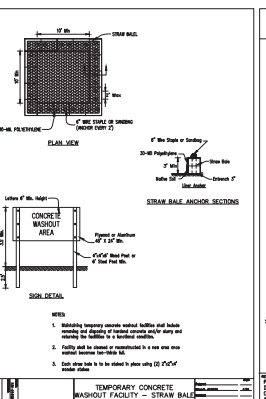
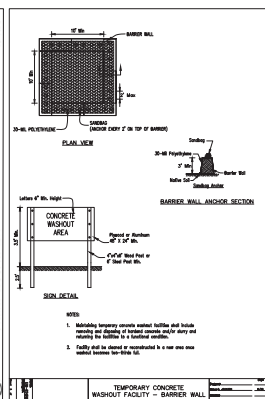
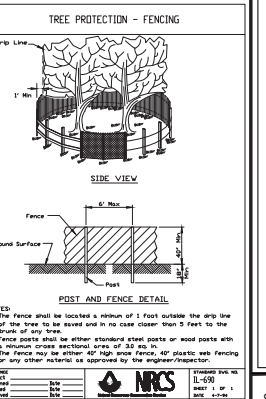
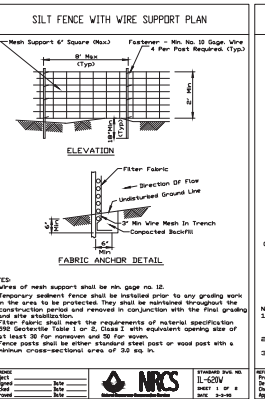
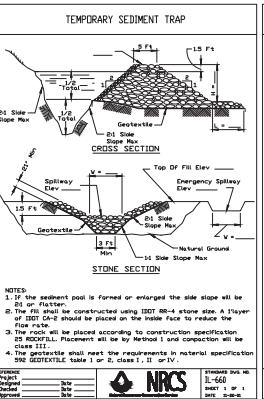
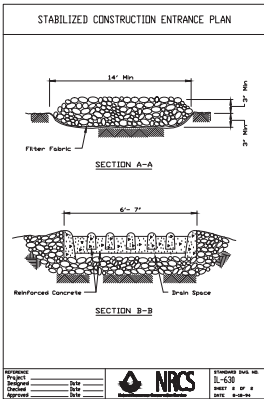
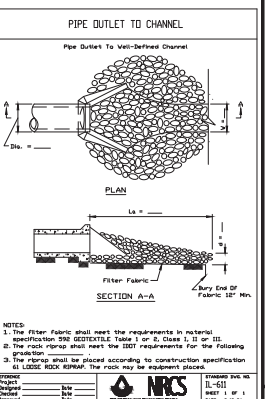
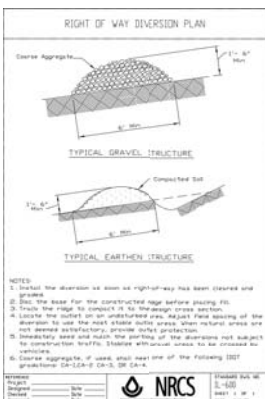
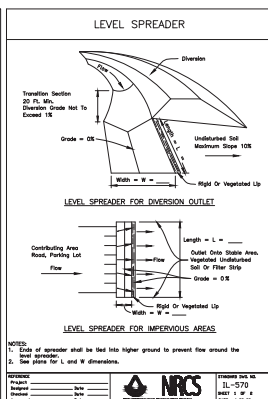
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1	8/2/2018		
2			
3			
4			
5			
6			

LANDSCAPING PLAN ROUTE 59 & JOLIET ROAD ROMEIOVILLE, ILLINOIS

Morris Engineering, Inc.
Civil Engineering - Consulting
1100 W. 11th Street
Romeoville, IL 60446
Phone: (815) 271-0770
Fax: (815) 271-0770
Email: info@mei.com
Website: www.mei.com



FIELD DRAWN BY:	CS
CHECKED BY:	CS
APPROVED BY:	ME
DATE:	8/2/2018
SCALE:	HORIZ 1"=50'
	VERT 1"=10'
SHEET	6
OF 12 SHEETS	
PROJ # 17-PR-1000	

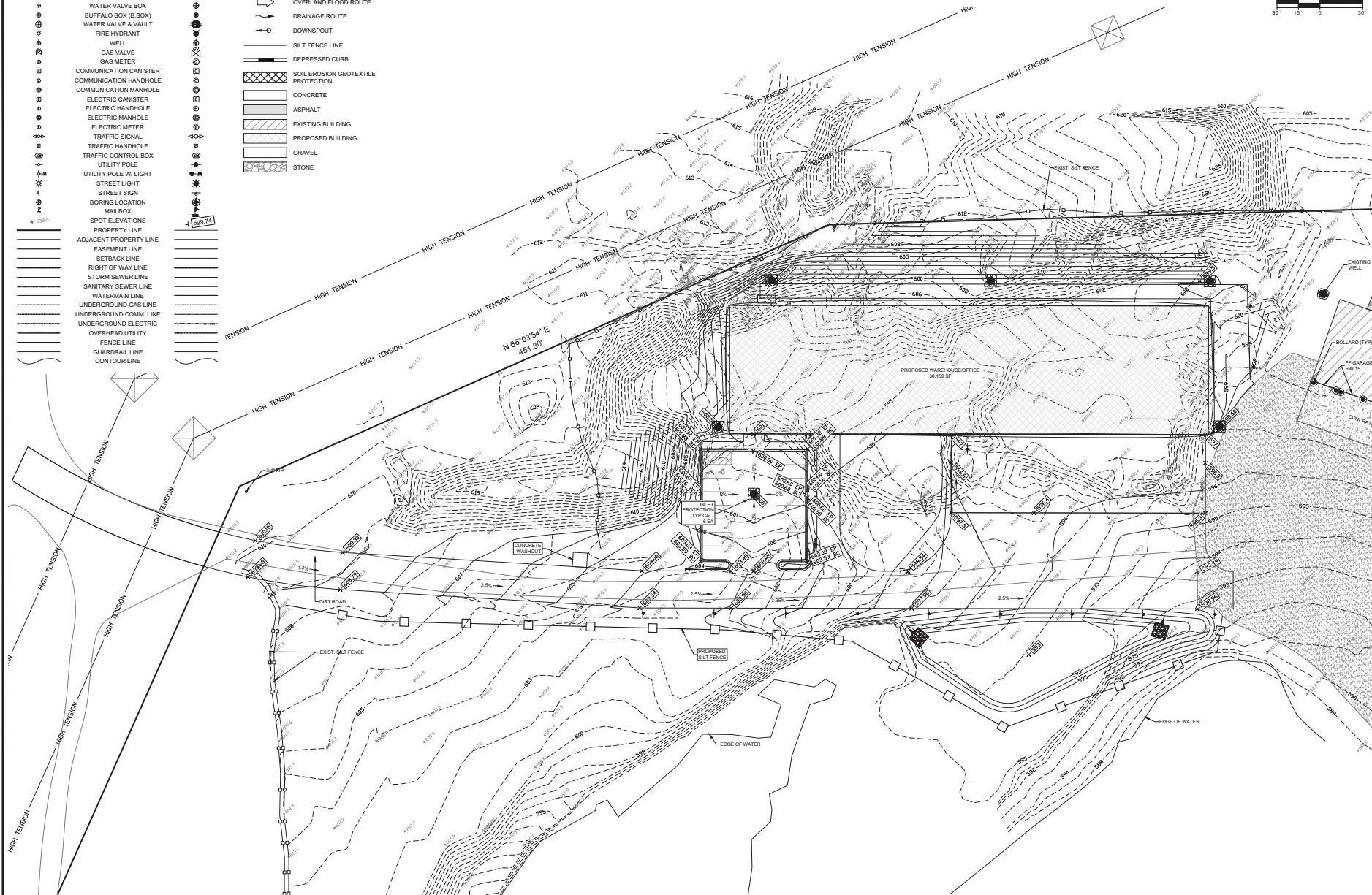
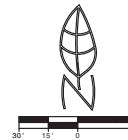


LEGEND

EXISTING

PROPOSED

- | | |
|------------------------|------------------------------------|
| MANHOLE | DECIDUOUS TREE |
| CATCH BASIN | EVERGREEN TREE |
| CLEANOUT | OVERLAND FLOOD ROUTE |
| FLARED END SECTION | DRAINAGE ROUTE |
| WATER VALVE BOX | DOWNSPOUT |
| BUFFALO BOX (B.BOX) | SILT FENCE LINE |
| WATER VALVE & VAULT | DEPRESSED CURB |
| FIRE HYDRANT | SOIL EROSION GEOTEXTILE PROTECTION |
| WELL | CONCRETE |
| GAS VALVE | ASPHALT |
| GAS METER | EXISTING BUILDING |
| COMMUNICATION CANISTER | PROPOSED BUILDING |
| COMMUNICATION HANDHOLE | GRAVEL |
| ELECTRIC CANISTER | STONE |
| ELECTRIC HANDHOLE | |
| ELECTRIC METER | |
| TRAFFIC SIGNAL | |
| TRAFFIC HANDHOLE | |
| TRAFFIC CONTROL BOX | |
| UTILITY POLE | |
| UTILITY POLE W/ LIGHT | |
| STREET LIGHT | |
| STREET SIGN | |
| BORING LOCATION | |
| MAILBOX | |
| SPOT ELEVATIONS | |
| PROPERTY LINE | |
| ADJACENT PROPERTY LINE | |
| EASEMENT LINE | |
| SETBACK LINE | |
| RIGHT OF WAY LINE | |
| STORM SEWER LINE | |
| SANITARY SEWER LINE | |
| WATERMAIN LINE | |
| UNDERGROUND GAS LINE | |
| UNDERGROUND COMM. LINE | |
| UNDERGROUND ELECTRIC | |
| OVERHEAD UTILITY | |
| FENCE LINE | |
| GUARDRAIL LINE | |
| CONTOUR LINE | |



DATE: 8/20/2018

REV: 1

REV: 2

REV: 3

REV: 4

REV: 5

REV: 6

EROSION CONTROL PLAN

ROUTE 53 & JOLIET ROAD
ROMEIOVILLE, ILLINOIS

Morris Engineering, Inc.

Civil Engineering - Consulting

515 Warrville Road, Suite 1, 60532

Phone: (833) 271-0770

Fax: (833) 271-0770

Website: www.morri.com



FIELD: 08

DRAWN BY: CJB

CHECKED BY: AS

DATE: 8/20/2018

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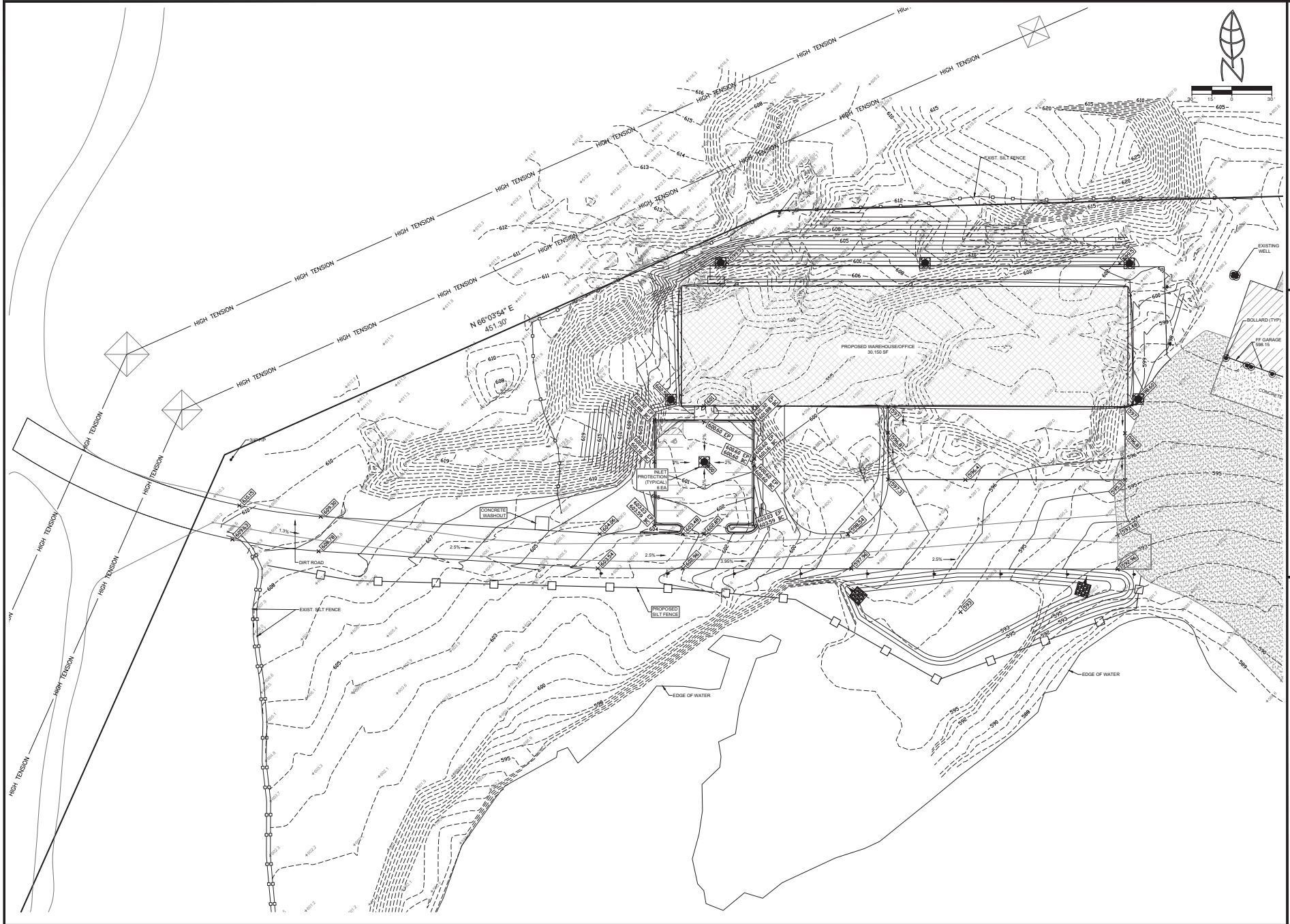
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OF 12 SHEETS

PROJ # 17-PR-1000

17/07/2018 2:07 PM
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3			
4			
5			
6			

SWPPP PLAN

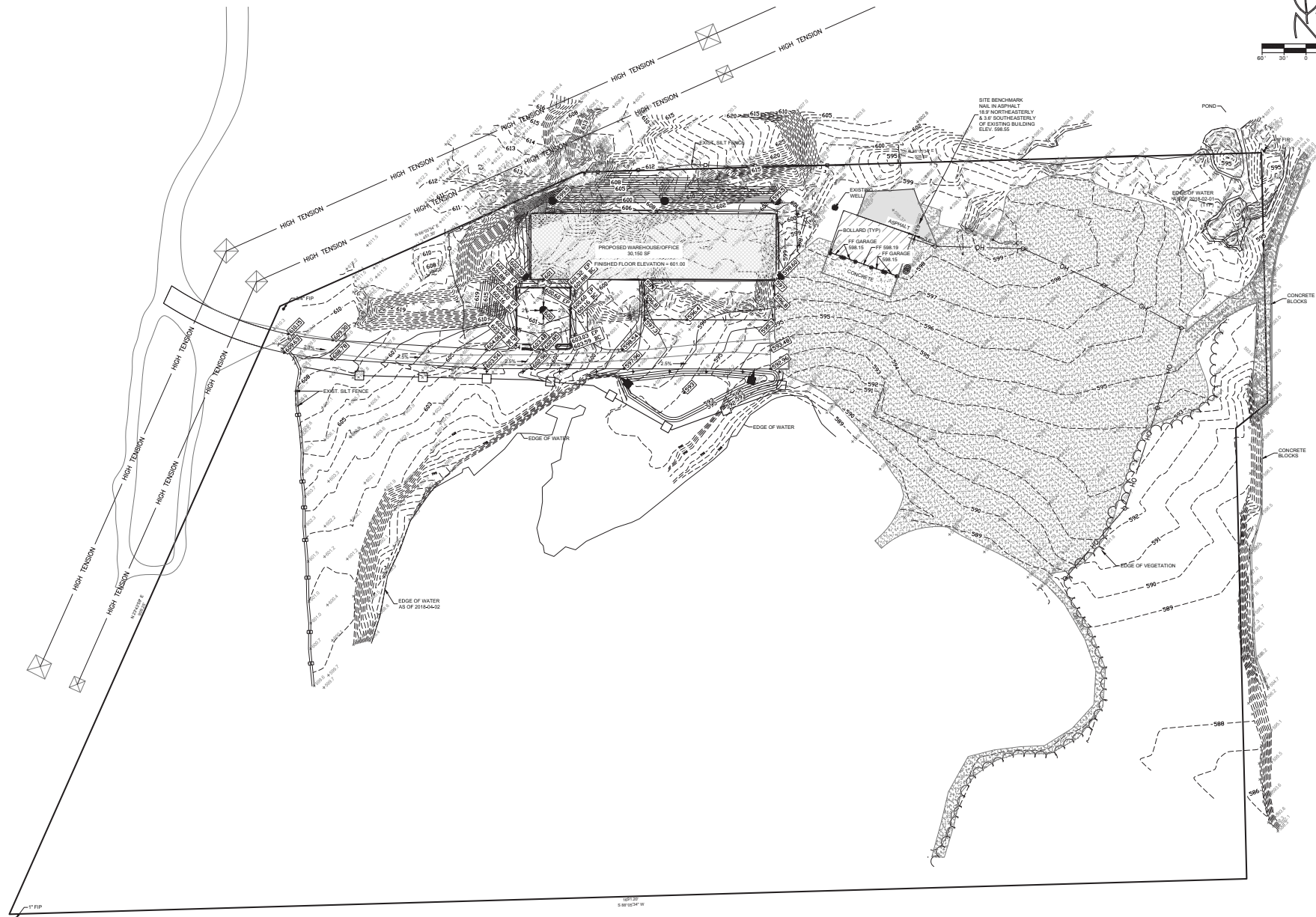
ROUTE 53 & JOLIET ROAD
ROMEIOVILLE, ILLINOIS

Morris Engineering, Inc.
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Website: www.morri.com

MEI
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FIELD CHECK	OK
DRAWN BY	CJB
CHECKED BY	AS
APPROVED BY	AS
DATE	8/2/2018
SCALE	HORIZ 1"=30'
	VERT 1"=10'

SHEET
10
OF 12 SHEETS
PROJ # 17-PR-1000



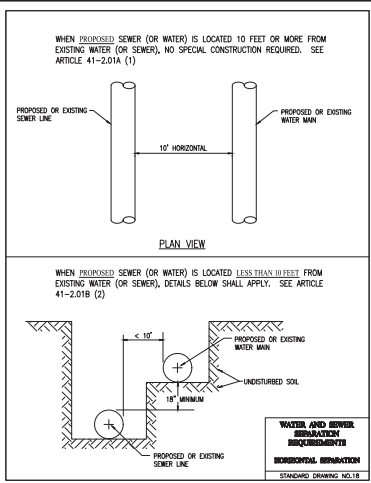
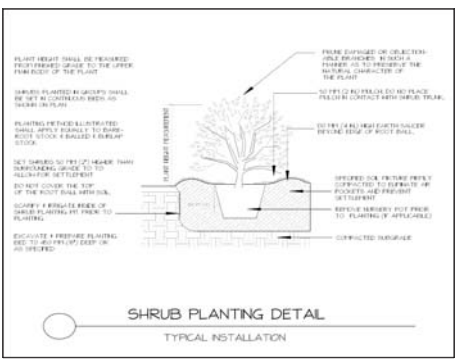
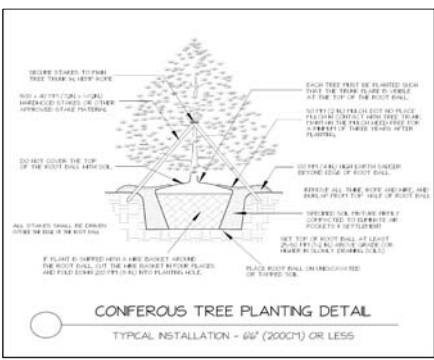
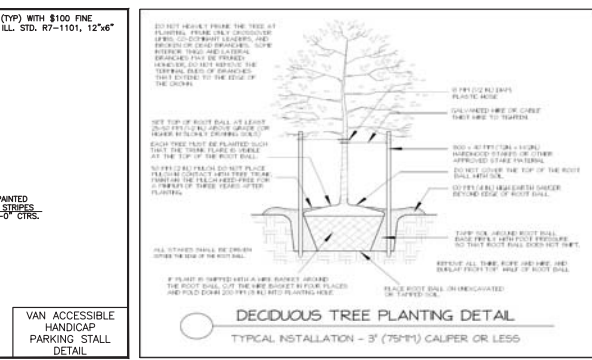
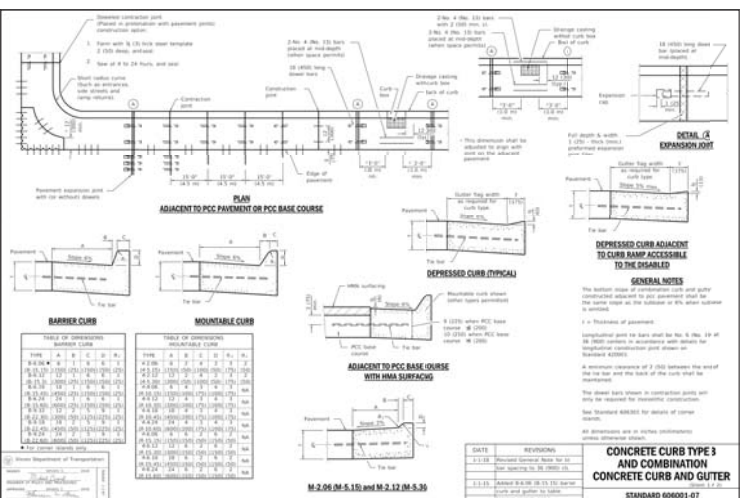
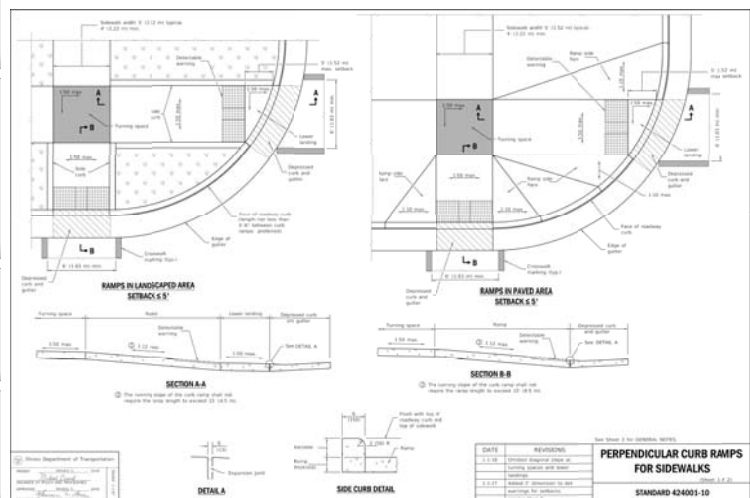
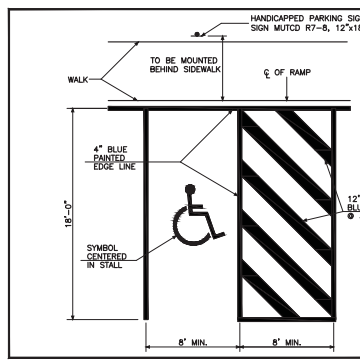
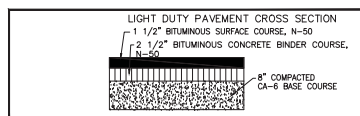
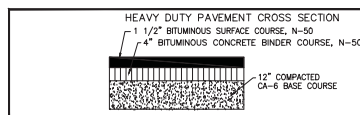
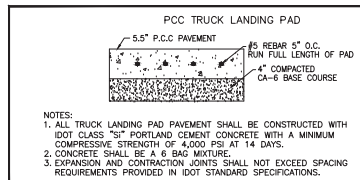
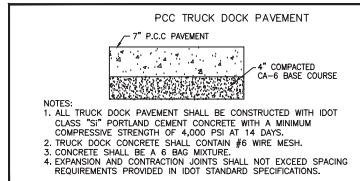
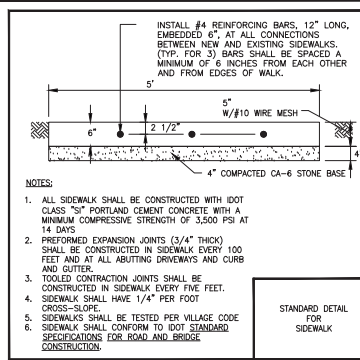
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CHECKED BY:	AS
APPROVED BY:	AR
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SHEET 11 OF 12 SHEETS	
PROJ # 17-PR-1000	

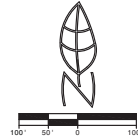
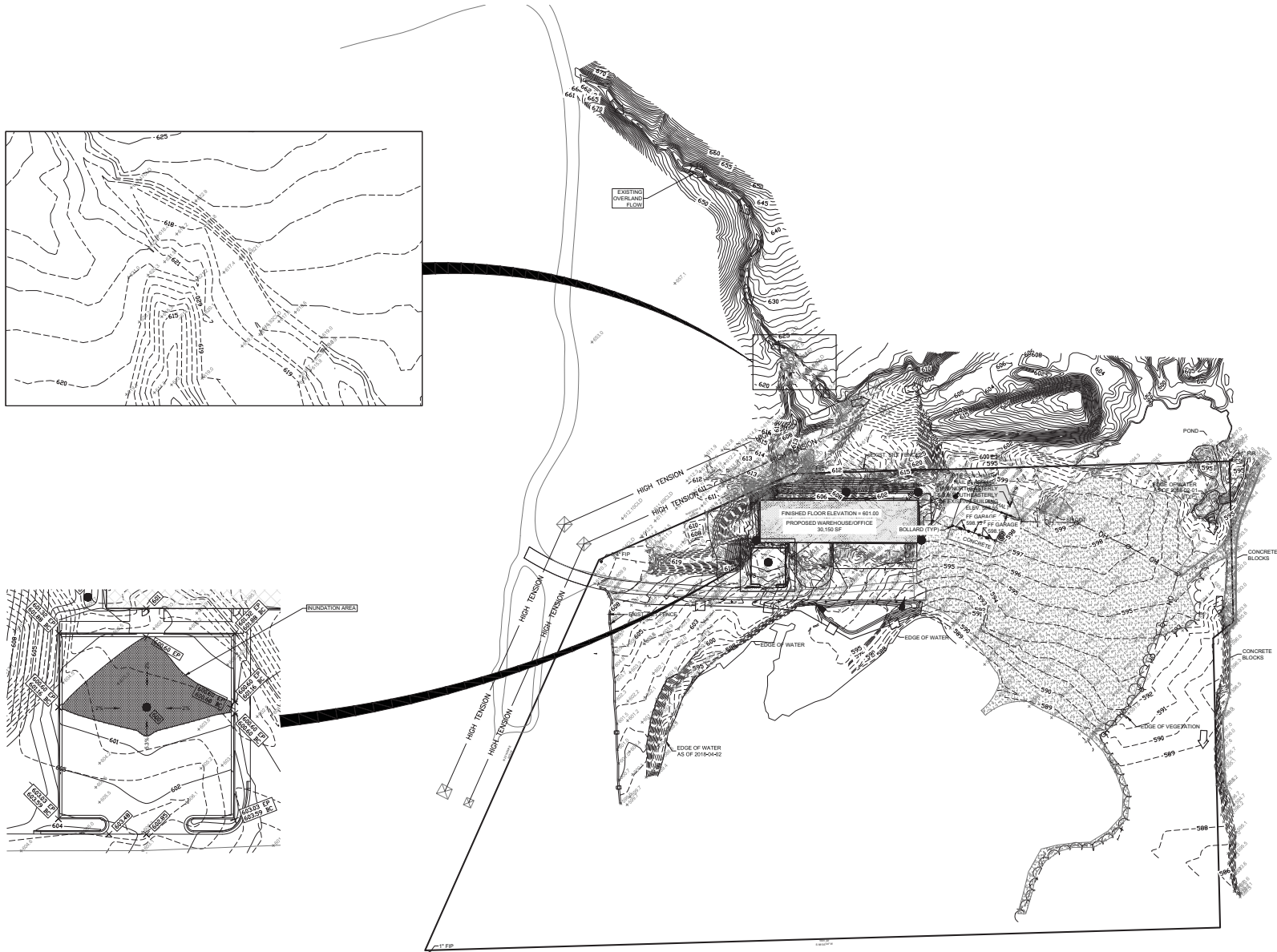
Morris Engineering, Inc.
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Land Surveying
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Phone: (630) 271-0770
Survey: (630) 271-0899
FAX: (630) 271-0774
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WHOLE SITE EXHIBIT

ROUTE 53 & JOLIET ROAD
ROMEIOVILLE, ILLINOIS





DATE	REV	VALUE	COMMENTS
8/14/2008	1		
	2		
	3		
	4		
	5		
	6		



DRAINAGE EXHIBIT
ROUTE 53 & JOLIET ROAD
ROMEIOVILLE, ILLINOIS

Morris Engineering, Inc.
Civil Engineering - Consulting
1400 South Main Street
515 Warrenville Road, Suite 1, 60532
Phone: (630) 271-0770
Fax: (630) 271-0774
Website: www.mecol.com

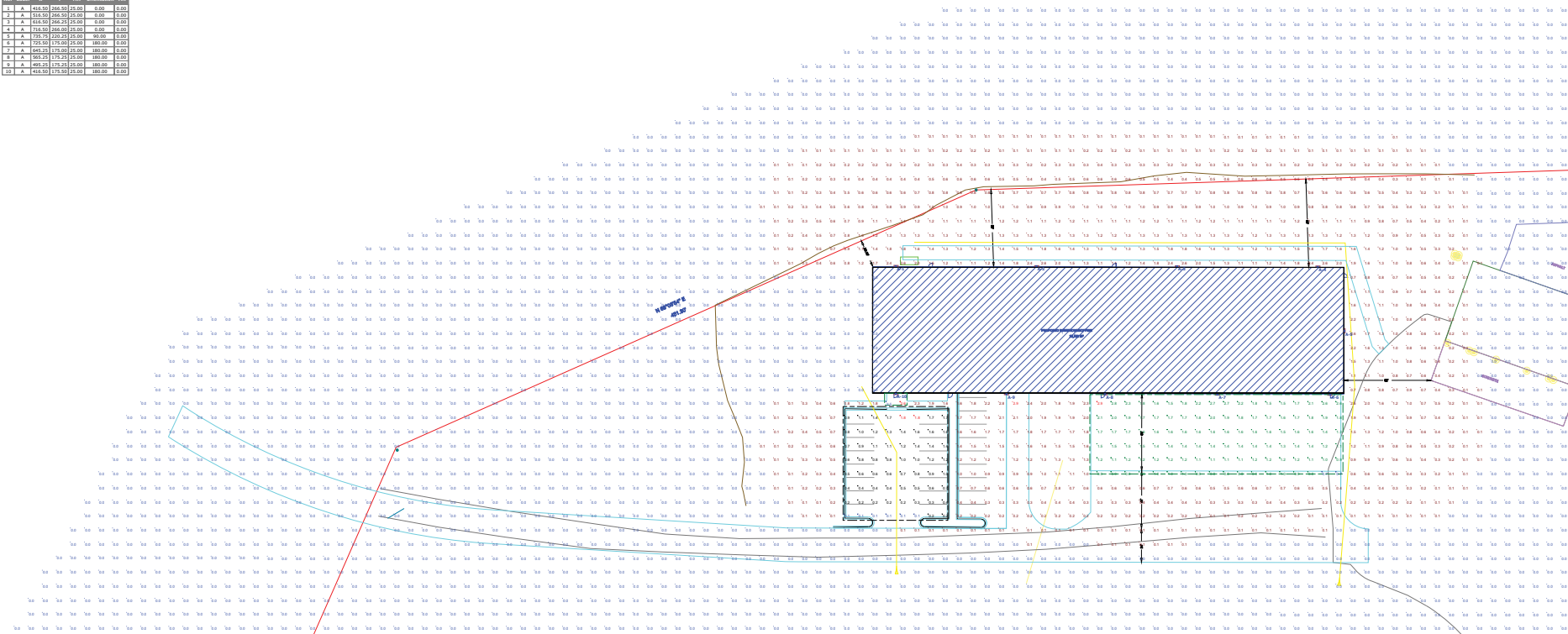


FIELD BOOK	008
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CHECKED BY	AS
APPROVED BY	AS
DATE	8/14/2008
SCALE	HORIZ 1"=100'
	VERT 1"=10'
SHEET	1
OF 1 SHEETS	
PROJ # 17-PR-1000	

Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Fluoresce	Lumens Per Foot
	A	10	Lithonia Lighting	OSW40 LED IRC 1000 40W T8 PWS-1	OSW40 LED with 8 LIGHT THRUOUT, 35,000K, 100004 PROVIDE 4000K LED, TYPE 4 WIDEVIEW OPTIC	LED	1	OSW40_LED_8C 1000_AW, T8W, 40 VOLT-aa	11129
									Light Loss Factor
									0.95
									100

Statistics					
Category	Symbol	Qty	Max	Min	Max/Min Avg/Min
Calc-Zone-Entrance Area		2.2	2.0	0.0	N/A N/A
Calc-Zone-Entrance		2.2	2.0	0.0	0.0 0.0
Calc-Zone-Entrance Area		2.2	2.0	0.0	0.0 0.0
Calc-Zone-Entrance		2.2	2.0	0.0	0.0 0.0
Calc-Zone-Entrance Area		2.2	2.0	0.0	0.0 0.0
Calc-Zone-Entrance		2.2	2.0	0.0	0.0 0.0

Luminaire Locations					
No.	Label	X	Y	W	Orientation (°)
1	A	100.00	100.00	0.00	0.00
2	A	100.00	100.00	0.00	0.00
3	A	100.00	100.00	0.00	0.00
4	A	100.00	100.00	0.00	0.00
5	A	100.00	100.00	0.00	0.00
6	A	100.00	100.00	0.00	0.00
7	A	100.00	100.00	0.00	0.00
8	A	100.00	100.00	0.00	0.00
9	A	100.00	100.00	0.00	0.00
10	A	100.00	100.00	0.00	0.00



Plan View
Scale: 1" = 30'