ENGINEERING IMPROVEMENT PLANS

GREENWOOD INDUSTRIAL - 140K SPEC

5 GREENWOOD AVENUE ROMEOVILLE, IL 60446

PLANS PREPARED



2215 YORK ROAD, SUITE 405 OAK BROOK, IL 60523 (630) 560-5000

OFFSITE STORMWATER **IMPROVEMENTS**

LOCATION MAP

GENERAL NOTES BENCHMARK 1 ARROW BOLT ON THE SECOND FIRE HYDRANT EAST OF THE INTERSECTION OF INDEPENDENCE BOULEVARD (IL-S3). NORTH SIDE OF GREENWOOD AVENUE. ELEV=613.31

- 1. THE VILLAGE OF ROMFOVULE RUILDING DEPARTMENT SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK AND 24 HOURS PRIOR TO FACH INSPECTION AT 815-886-7200.
- ALL UTILITY COMPANIES, INCLUDING THE VILLAGE OF ROMEOVILLE, SHALL BE CONTACTED AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK IN ANY EASEMENT, REPORT OF ANY OF A
- PRIOR TO COMMENCEMENT OF ANY OFFSITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFFSITE EASEMENTS HAVE BEEN SECURED, AND THAT PERMISSION HAS BEEN GRANTED TO ENTER ONTO PRIVATE PROPERTY.
- 4. EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS. ALL WORK PROPOSED HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS (LATEST EDITION):
- VILLAGE OF ROMEOVILLE MUNICIPAL CODE VILLAGE OF ROMEOVILLE, CODE OF ORDINANCES CHAPTER 91 FIRE LANES SECTION 91.49
- "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" BY ILLINOIS DEPARTMENT OF TRANSPORTATION
 "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
- "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" BY ILLINOIS DEPARTMENT OF TRANSPORTATION
- "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" 2014 EDITION BY ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, ET AL.
 OTHER STANDARDS OR SPECIFICATIONS SPECIFICALLY REFERRED TO IN AN INDIVIDUAL PROVISION OF THESE STANDARDS AND SPECIFICATIONS.
- "ILLINOIS URBAN MANUAL" AS PREPARED BY THE U.S. DEPT. OF AGRICULTURE & IL ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS.LAKE COUNTY DIVISION OF
- TRANSPORTATION AND UNIFIED DEVELOPMENT ORDNANCE.
- THE CONTRACT DOCUMENTS, GENERAL CONDITIONS, SPECIAL PROVISIONS AND SUPPLEMENTAL CONDITIONS OF THE PROJECT AS PREPARED BY PINNACLE ENGINEERING GROUP, LLC. ALL DOCUMENTS CITED IN THE ABOVE STANDARDS AND SPECIFICATIONS RELEVANT TO THE SUBJECT UNDER CONSIDERATION. IF A CONFLICT ARISES BETWEEN ANY PROVISION(S) OF THE REFERENCE ITEMS ABOVE AND ANY PROUVISION(S) OF THESE STANDARDS AND SPECIFICATIONS, THEN THE MORE RESTRICTIVE PROVISION(S) SHALL APPLY.

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TRUCK ACCESS EXHIBIT

ALTA/NSPS LAND TITLE AND TOPOGRAPHIC SURVEY (COMPASS SURVEYING, LTD.)

BOUNDARY AND TOPOGRAPHIC SURVEY FX-4

LANDSCAPE PLAN

(DAVID R. MCCALLUM ASSOCIATES, INC.)

LED WALL MOUNT SITE LIGHTING PLAN (KSA LIGHTING & CONTROLS)

DRAINAGE CERTIFICATE

I BRIAN JUNEON, HEERY CRETTY THAT AREQUITE STORM WATER STORMED AND TO COMETY HAS BEEN MOVIDED FOR THIS DEVELOPMENT, SUCH THAT SURVICE WATER FROM THE DEVELOPMENT, SUCH THAT SURVICE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO THE ADMICTN'T PROPERTY FOR STORMS UP TO AND INCLUDIONS THE OWN HUNGED (100) YEAR EVENT, AND VILLAGE RODINANCE ARE VENT, AND VILLAGE RODINANCE AND THE STATE, COUNTY, AND VILLAGE RODINANCE WATER AND THE STATE WATER AND THE WATER AND

DATED THIS 16TH DAY OF AUGUST, 2016.



PERMIT SET





Know what's below. Call before you dig



PLAN LDESIGN LDELIVER

CONTACTS

1051 E. MAIN ST. SUITE 217

EAST DUNDEE, IL 60118

VILLAGE OF ROMEOVILL

VILLAGE OF ROMEOVILLE WATER/SANITARY/STORM

JONATHON ZABROCKI, P.E. CONSULTING VILLAGE ENGINEER 615 ANDERSON DRIVE

NATURAL GAS NICOR GAS (630) 388-2362 GASMAPS@NICOR.COM

MARTHA GIFRAS (630) 594-1234

BENCHMARKS

MARTHA GIFRAS@CABLE.COMCAST.COM

BENCHMARK DISK SET IN THE TOP OF THE CENTER OF THE

BENCHMARK DISS SET IN THE LOV DO THE CENTER OF THE NORTHWEST CONCRETE HEADWALL OF A FOOT CONCRETE BOX CLIVEST UNDER THE ROAD LICATED ABOUT 1.7 MILES SOUTHWEST ALONG THE NEW AVENUE FROM THE ALTON RAILROAD STATION AT LEMONT, ABOUT 175 SOUTHWEST OF THE ALTON RAILROAD SIGNAL NO. 58, OPPOSITE THE

SOUTHWEST BONNET BOLT ON FIRE HYDRANT LOCATED AT

CROSS CUT IN TOP OF CURB AT THE NORTHWEST CORNER
OF THE NORTHWEST PARKING STALL IN LOT 19.

ELEV=608.64

EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS AS PREPARED BY COMPASS SURVEYING LTD., INC. ON MARCH 24, 2016. CONTRACTOR SHALL

LID., INC. ON MARCH 49, 2015. CONTRACTOR SHALL FIELD CHECK EXISTING HORIZONTAL AND VERTICAL SITE FEATURES AND CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION

TELECOMMUNICATIONS

REFERENCE BENCHMARK:

STTE BENCHMARKS:

EXISTING CONDITIONS

UTILITY CONTACTS

(630) 576-7094

ROMEOVILLE, IL 60446

ERIC BJORK (815) 886-1870

JESS KNIGGE REGIONAL VICE PRESIDENT, DEVELOPMENT 2215 YORK ROAD SUITE 405 OAK BROOK, ILLINOIS 60523

PINNACLE ENGINEERING GROUP, LLC BRIAN JOHNSON, P.E., CPESC

GREENWOOD INDUSTRIAL 140K SPEC ROMEOVILLE, ILLINOIS

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1_	PER VILLAGE REVIEW	08/12/16		
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SHEET C-1

PINNACLE ENGINEERING GROUP

ABBREVIATIONS

LEGEND

,---749--

×(750.00)

749-

NORMAL WATER LEVEL
POINT OF CURVATURE
POINT OF TANGENCY
POINT OF VERTICAL INTERSECTION

RIGHT-OF-WAY

TOP OF PIPE

SANITARY SEWER STORM SEWER TANGENCY OF CURVE TOP OF BANK

×750.00

SANITARY MANHOLE

PRECAST FLARED END SECTION CONCRETE HEADWALL

STORM MANHOLE

CATCH BASIN

VALVE VALUE

FIRE HYDRAN

BUFFALO BOX

SANITARY SEWER

CLEANOUT

EODCE MAIN

STORM SEWER WATER MAIN

LIGHTING

POWER POLE

STREET SIGN

TELEPHONE LINE

SPOT ELEVATION

GAS MAIN

CONTOUR

WETLANDS

FLOODWAY

FLOODPLAIN

DITCH OR SWALE

DIVERSION SWALE OVERFLOW RELIEF ROUTING TREE WITH TRUNK SIZE

SOTI BORING

TOPSOTI PROBE FENCE LINE TEMPOPARY STIT

FENCE LINE, WIRE FENCE LINE, CHAIN LINK OR TRON

CONCRETE SIDEWALK

CLIDE AND GLITTED

DEDDESSED CLIDS

FASEMENT LINE

FENCE LINE, WOOD OR PLASTIC

REVERSE PITCH CURB & GUTTER

BASE LINE LONG CHORD OF CURVE CURB AND GUTTER CATCH BASIN

DEGREE OF CURVE

EDGE OF PAVEMEN

FINISHED FLOOR FINISHED GRADE FLOW LINE FLOODPLAIN

FLOODWAY HIGH WATER LEVEL

HIGH WATER LEVEL (HWL)

NORMAL WATER LEVEL (NWL)

DIRECTION OF SURFACE FLOW

UTILITY CROSSING

ELECTRICAL CABLE

GRANULAR TRENCH BACKETLL

ELECTRICAL TRANSFORMER OR PEDESTAL

POWER POLE WITH LIGHT GUY WIRE

VALVE BOY

INLET

COVER SHEET

ONS LISTED ON THE COVER SHEET, THES CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE

NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED FOR CONSTRUCTION. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE INDIVIDUAL SUBCONTRACTOR SHALL VISIESY ALL UNBESIONS AND CONDITIONS AFFECTION THERE WORK WITH THE ACTUAL CONDITIONS AT THE JOB STIE. IF THERE ARE ANY DISCISSANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMPOSITELY REPORT TO THE REMINERS REPORT. SHOWN ON THE CONSTRUCTION FAME, HE HAST SHEEDERLY REPORT TO THE ENGAGES. BEFORE DODLE AND WING, OFFICENCE THE RECOVERING SECONDAL AND HOLD CHANGES THE RECOVERING THE ADDRESS THE ADDRESS

ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GLARANTEED AGAINST ALL DEFECTS MATERIALS AND WORKHANSHIP OF WHATEVER NATURE BY THE INDIVIDUAL SUBCONTRACTOR HIS SUBERTY FOR A PERIOD OF 24 MONTHS FROM THE DATE OF FINAL ACCEPTRACE OF THE WOITHEY PLACE OF THE PRIVACE AND THE OWNER. AND THE OWNER.

UPON AWARD OF THE CONTRACT AND WHEN REQUISED BY THE OWNER, THE INDIVIDUAL SUBCONTRACTOR SHALL FURIFIES A LABOR, MATERIAL AND PERFORMANCE BOND IN THE PENAL SUM OF 100 PENCENT OF THE CONTRACT GUARANTERIAC COMPLETION, OF THE WORK, THE WORK THE WORK

THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS INCLUDING THE USE AND

EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THINDVIOLAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIFIC FILE OF THESE UTILITY LIKES AND THEER PROTECTION FROM DAMAGE DUE TO CONSTRE

THE INDIVIDUAL SUBCONTRACTOR SHALL REVIEW AND DETERMINE ALL IMPROVEMENTS AND SHALL VERIFY ALL QUANTITIES AS PROVIDED BY THE ENGINEER OR OWNER FOR BIDDING PURPOSES. THE NOWIDUAL SUBCONTRACTOR SHALL REPORT ANY DISCREPANCES TO THE ENGINEER. THE

I'ME PENFORMANCE OF WORK IS INDICATED ON THE PLANS, AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHERE-RE, DIERING CONSTRUCTION OFERATIONS, ANY LODGE METERAL IS DESCRITED IN THE PROVIDENCE OF THE PROVIDENCE OF THE PROVIDENCE OF THE PROVIDENCE OF THE REMINDAR, FOR USE OF THE PROVIDENCE OF THE WATER IS DISTRUCTION. THE CLOSE MATERIAL SHALL BE REPORTED AT THE CLOSE OF EACH WORKING DAY OF THE RESPONSIBLE PREVIA. AT THE COLOLUSION OF CONSTRUCTION OPERATIONS, ALL DEARNAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CARREDED INCLIDENTLY OF THE CONTROLT.

THE INDIVIDUAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND

WHERE OVERHANGING BRANCHES INTERFERE WITH OPERATIONS OF CONSTRUCTION, SAID BRANCHES SHALL BE TRIMHED AND SEALED IN ACCORDANCE WITH ARTICLE 253.09 OF THE LD.O.T STANDARD SECTIONATION, AND THE COST OF SAME SHALL BE INCIDENTAL TO THE CONTRACT. TREES SHALL BE REPROVED ONLY AFTER RECEIVING APPROVAL OF THE OWNER. THE OWNER SHALL DESIGNATE WITHOUT NEESS ART DE REMOVED.

THE INDIVIDUAL SUBCONTRACTOR IN ACCORDANCE WITH LD.O.T. STANDARD SPECIFICATIONS A LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS SHALL BE CONSIDERED INCIDENTAL TORS A LOCATION AS DESIGNATED BY THE ENGINEER. THIS SHALL BE ALLOWED, DAMAGE TO THESE TIENS SHALL BE REPARED BY THE INDIVIDUAL SUBCONTRACTOR AT HIS OWN EXPENSE. ALL SIGNS NOT O BE RESET SHALL BE DELIVERED TO THE VILLAGE AS APPROPRIATE. ALL MAIL BOXES FERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST

NOTIFY THE ENGINEER OF ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS. FIELD TILE SHALL BE CONNECTED TO THE PROPOSED STORM SEWER. A RECORD OF THE LOCATIO OF ALL FIELD TILE OR ON-SITE DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OWER TO THE ENGINEER UPON CONFISTION OF THE PROJECT. THE COST OF THIS

COMPRISANT LINE VINES AS A STATE OF EACH DAY, DRAINING MAY BE ACHIEVED BY DITCHING. DRAININGS THE HOLVIDUAL SUBCONTRACTOR SHALL INSURE POSITIVE DRAININGS MAY BE ACHIEVED BY DITCHING. PLANNINGS MAY OTHER ACCEPTAGE METHOD, THE BROWNDAY SUBCONTRACTOR'S FALLIES IN THE ACCEPTAGE METHOD. THE BROWNDAY SUBCONTRACTOR'S FALLIES IN THE ACCEPTAGE METHOD TO THE ACCEPTAGE METHO

IT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL SUBCONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERAT AT NO ADDITIONAL EXPENSE TO THE OWNER.

ELECTRIC, TELEPHONE, NATURAL CAS, AND OTHER UTILITY COMPANIES HAVE UNDERGROUND AND/OR OWERHEAD SERVICE FACULTIES BY THE VICIDITY OF THE PRODUSED WORK. THE CONTROLTION SHALL BE RESPONSIBLE FOR HAWING THE UTILITY COMPANIES LOCATE THE THE CONTROLTION OF THE PROPERTY OF THESE FACILITIES. THE CONTRACTOR SHALL CALL BIT FOR UTILITY LOCATIONS.

The BROYDBUL SECONTRACTOR TO HAVE A CONFETENT SUPERINTENDENT ON THE PROJECT SIT AT ALL TIME SIRECENTLY OF THE AMOUNT OF WORK SUBLET THE SUPERINTENDENT SHALL BE AMHORITY TO DESCRIPT GROBES TO DESCRIPT THE PROJECT, AND SHALL BE RESPONSIBLE FOR SCHEDULING AND SHAPE CONTROL OF ALL WORK AS THE ARROY OF THE DISCVIPUL.

THE INCURSION SUBCOMPARTION SHALL KEEP, SET OF "PROVIDED" CONSTRUCTION IS AND ON THE PROVIDED CONSTRUCTION IS AND ON THE PROVIDED CONSTRUCTION FAND ON THE PROVIDED CONSTRUCTION FOR SET OF THE PROVIDENCE CONSTRUCTION FOR SE

WORK UNDER THIS SECTION SHALL INCLUDE. BUT NOT BE LIMITED TO. THE FOLLOWING A. CLEARING AND REMOVAL OF ALL UNDESIRABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA. TREE REMOVAL SHALL BE AS DESIGNATED BY THE OWNER. AND SHALL BE KEPT TO A MINIMUM. WHERE FEASIBLE, AND WHEN PERMITTED BY DIWNER, TREES AND BRUSH REMOVED MAY BE BURILED ONSITE IN FUTURE YARD AND OPEN SPACE AREAS, IF ADEQUATE AND APPROPRIATE SPACE IS NOT AVAILABLE FOR ONSITE BURILA, THE TREES AND

GON COPINÉTION OF MASS GRADING.

MOVEMENT AND COMMITTON OF SOIL MATERIAL FROM THE CONSTRUCTION OF UNDERGROUN

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ACCIDIANCE WITH THE CONTRICT CONCENS.

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SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS INCLUDED WITHIN THE CONTRACT DOCUMENTS.

THE QUANTITIES CHES IN THE ENGINEER'S QUANTAY FOR ENTITIVENE ARE INTENDED AS A CILIZE
FOR THE CONTRACTOR IN RETEMBLE OF THE SOME OF THE CONSTRUCTOR THE STREET
CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRIES HISSELF
OF ALL SITE CONTRIDES. THE CONTRACT FRIES SAMPLE BY THE CONTRACTOR SHALL BE
CONSIDERED AS LUMP SUM FOR THE COMPLETE ROJECT, NO CLAMS FOR EXTRA WORK WILL BE
RECOUNTED UNDER SORDERED IN MITTIES OF THE CONTRACT.

PRIDOR TO COMPRECEDENT OF GRADING ACTIVITIES, A THEE PROTECTION FENCE SHALL BE EXECTED ABOUND ANY TIME DESIGNATED ON THE FLANS TO BE PRESERVED. SAID FENCE SHALL BE FLACED IN A CRILLEL CENTERED AGOING THE FLANS TO BE PRESERVED. SAID FENCE SHALL BE FLACED IN A CRILLEL CENTERED AGOING THE THE ACTIVITY OF THE PROPERTY OF FORTHER EXCEPTION SHALL BE WITHIN THE FENCE LIMITS. THE DESTRING GAMES WITHIN THE FENCE LIMITS. THE DESTRING GAMES OF SOUTHWEBE.

THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS, BY THE SOILS ENGINEER OR HIS REPRESENTATIVE. ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE REMOVAL, REPLACEMENT, MODIFICATION AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER.

A QUALIFIED SOILS ENGINEER SHALL REGULARLY INSPECT THE EXCAVATION OF ANY OPEN WATER AREAS TO INSURE THAT THEY WILL BE CANALE OF HAINTAINING DESIGNED KNOWN, WATER LEVEL GAVEL OR SAND SEAMS OR OTHER CODDITIONS WHICH MAY BE ENCOUNTERED, AND WHILL HIGHT SOURCE OF THE CONTROL OF THE SAND SHALL BE REFECTED AS DIRECTED BY THE SOILS ENGINEER (FOR EARLY LL, INSUR, CLAY ELLINEET, BENTONTE, ETC.).

THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORMWATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS. SHALL BE GRADED TO ALLOW POSITIVE DRAININGE.

THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAVERS SO THAT THE COMPACTED THICKNESS IS AMMODIMATELY SIX INCHES; IF COMPACTION EQUIPMENT THE COMMISTRATES THE ABILITY TO COMPACT GREATER THICKNESS, THEAS A GREATER THICKNESS MAY BE ALLOWED WITH AMPHORAPING AND SIGNS ENGINEER. EACH LAVER SHALL BE THOROUGHLY MUSED DURING SHEADLENG TO BROBE MEMORIAL STRUCTURES.

Demonster facilities, within sociously, services, facilities, area, and other structures, course of the sociously services, facilities, area, and other structures, course of the accessance with action services, or operation services (section of the accessance with action services), or operation services (section services), or operation services, and other services (section services), and other services (section services), or section services (section services), and other services (section services).

THE SURFACE VEGETATION, TOPSOIL, AND ANY OBVIOUSLY SOFT UNDERLYING SOIL SHO STRIPPED FROM ALL AREAS TO RECEIVE CLAY FILL. IF THE UNDERLYING SUBGRADE SOILS

ENGINEER. THE PROPOSED PAVEMENT DESIGN HAS BEEN BASED ON A MINIMUM BIRD OF 3.0; THEREFORE, IF AREAS OF PAVEMENT SUBGRADE ARE ENCOUNTERED WHICH DO NOT PROVIDE A MINIMUM BIR OF 3.0, SUBGRADE REPLACEMENT OR PAVEMENT DESIGN REVISIONS SHALL BE REPLAYED WHITE AREA PROPOSED TO THE DESIGN REVISIONS SHALL BE

COMPLETED GRADING FOR PROPOSED BUILDING PADS, AS WELL AS PROPOSED SUBGRADE AREA PAVEMENT, DRIVEWAYS AND SIDEWALKS, AND YARDJOPEN SINCE AREAS SHALL BE WITHIN A TOLERANCE OF PUIS OR MUNIC 0.1 FOOT OF DESIGN SUBGRADE ELEVATION.

UPON COMPLETION OF THE SURFACE IMPROVEMENTS, AND EXCEPT WHERE OTHERWISE NOTED, THE EXCAVATION CONTRACTOR SHALL RESPREAD A MINIMUM OF 6 INCHES OF TOPSOIL ON ALL DESIGNATED OPEN SINCE, PARKING LANGEAGE, AND OTHER ROSS TRUCTURE OF RESIGNATED OPEN SINCE, PARKING LANGEAGE, AND OTHER ROSS TRUCTUREAL AREAS PER PLAN. SAID DESIGNATED AREAS TO BE RESPREAD BY THE EXCAVATION CONTRACTOR SHALL BE AS INDICATED WITHIN THE CONTRACTOR.

AREAS BY THE LANGSCAPE CONTRACTOR.

RIPRAP MATERIAL TO BE PROVIDED IN CONJUNCTION WITH THE EARTHWORK IMPROVEMENTS SHALL CONFORM TO SECTION 281 OF THE LD.O.T. SPECIFICATIONS.

SOE BORING REPORTS, AVAILABLE AT THE OFFICE OF THE ENGINEER AND THE OWNER, ARE SCIELY FOR THE INFORMATION AND GUIDANCE OF THE CONTRACTIONS. THE OWNER AND ENGINEER MANE NO LOCK THE CONTRACTION SHALL MAKE SHOW BAYESTANDOWN AND SHALL HAVE ACCOUNTED. A SHARL SHOW BAYESTANDOWN AND SHALL HAVE NOT ACCOUNTED, A SHARL SHARL SHOW BAYESTANDOWN AND SHALL HAVE NOT ACCOUNTED, A SHARL SHARL SHOW BAYESTAND AND SHARL SHAR

IF SHOWN ON THE PLANS, OPEN AREAS TO BE SEEDED SHALL BE SEEDED IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS AND FINAL LANDSCAPE PLAN.

IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

UNDERGROUND UTILITIES

ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT

ROUGH GRADING TO WITHIN ONE FOOT OF FINISHED SUBGRADE SHALL BE COMPLETED BY THE EARTHWORK CONTRACTOR PRIOR TO COMMENCEMENT OF UNDERGROUND UTILITY INSTALLATION.

SHALL BE USED:
A. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR)
AND PROPER INSTALLATION OF HUB-WYE. SADDLE OR HUB-TEE SADDLE.

R. BFMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP. OF ONE BELL) AND REPLACE. REMOVE AN ENTIRE SECTION OF PICE (BREAKING ONLY THE TOP OF ONE BELL) AND REPL WITH A WE OR TEE BRANCH SECTION. WITH A PIPE CUITER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROFER FITTING, USING "BAND-SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

SANITARY SEWERS. SHALL BE CONSTRUCTED OF THE FOLLOWING MATERIALS UNLESS SPECIFIED OTHERWISE ON THE PLANS:

A. POLYVERIN, CHLORIDE PLASTIC GRAVITY SEWER MIPE (PVC) CONFORMING TO ASTM DESIGNATIC PICLYONIC CHARGES PLASTIC COUNTY SERVER PRIFE (PIC) CONFORMED TO ASTM DESIGNATION DO SHIP ATO MARKING PARWES (PI S) SIN COMMETTER OIL ESS. AND CONFORMED TO ASTM DESIGNATION OF ASTM DESIGNATION OF ASTM DESIGNATION OF ASTM

ALL SANITARY SEWER MANHOLES SHALL HAVE ECCENTRIC CONES. CONE OPENINGS SHALL BE CENTERED PARALLEL TO THE MAINLINE FLOW. ALL STRUCTURE SECTIONS AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO EACH OTHER OR TO THE COME SECTION OR TOP BARREL SECTION. SHALL BE SECURELY SEALED TO EACH OTHER OR TO THE CORE SECTION OR TOP BRIDGE SECTION OF THE MANDICE USING RESILIENT, FLEXIBLE, NON-HARDENING, REFORMED, BITUMINOUS MASTIC (RAM-MEK, OR APPROVED EQUAL). THIS MASTIC SHALL BE APPLIED IN SUCH A MANINER THAT NO SURFACE WATER OR. GROUND WATER INFLOW CAN ENTER THE MANDICE THROUGH GAPS BETWEEN BARRIEL SECTIONS OR COME. SECTIONS AND ADJUSTING RINGS. SANITARY SEWER MANHOLES SHALL

ALL SANITARY SEWERS, STORM SEWERS, AND SEWER SERVICES IN SEPARATE SEWER AREAS SHA BE INSTALLED ON GRANLLAR CRUSHED STONE BEDDING CLASS I.A, (I.D.O.T. GRADATION CA-12) CONFORMING TO ASTIN D-2221, WITH A MINIMUM THEORESS EQUAL TO ONE FOURTH OF THE CONFIDING TO ASTIN 0.2521, WITH A MINDRUM HICKNESS EQUAL TO ONE FOURTH OF THE OUTSIDE DIAMPETER OF THE SEWER PIPE, BUT NOT LESS THAN A INCHES OR NOR MORE THAN 8 INCH BEDDING SHALL EXTEND TO THE SPRING LINE OF THE PIPE IN ALL CASES (UNLESS INDICATED OTHERWISE ON THE CONSTRUCTION SHALL SHALL SHALL CONFIDENCE SHALL SHALL CONFIDENCE SHALL EXTEND TO 1 FOUR ABOVE THE TOP OF THE PIPE SEDDING MATERIAL SHALL CONFORM TO THE EXTEND TO 1 FOUR ABOVE THE TOP OF THE PIPE SEDDING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-33 FOR SOUNDNESS AND ASTM C-67 FOR GRADATION. COST FOR BEDDING SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER, WATER MAIN, ETC.

SHALL BE MANNED IN ACCORDANCE WITH THESE CONSTRUCTION NOTES.

UNESS OTHERWISE BOARD WITH STORY OF ANY BOARD HE SHEP AS NOT 13 PF OR SIZES 12"-39", PIR SHALL HAVE A SMOOTH INTERIOR AND ANNUAL ACTIONS CORRECTIONS AND WITH OR DICCIDE.

SHALL HAVE A SMOOTH INTERIOR AND ANNUAL ACTIONS CORRECTIONS AND WITH OR DICCIDE.

MALL BE DIDED WITH FIRSTED CONSTRUCTION OF ANY BOARD HE ACTION CLIED, ADTHOUGH AND ANY COLOR OF ANY BOARD HE ACTION. AND ANY COLOR OF ANY COLOR O

WATER MAIN SHALL BE PVC C-900 PRESSURE PIPE IN ACCORDANCE WITH AWW.

WATER MAIN FITTINGS (BENDS, ELBOWS, TEES, INCREASES, REDUCERS, ETC.) MAY OR MAY NOT BE SPECIFICALLY REFERENCED ON THE CONSTRUCTION PLANS; HOWEVER, THEY ARE TO BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE LINEAL POOTAGE COST OF THE WATER MAIN.

HYDRAVITS SHALL BE OF THE MANUFACTURE AND EQUIPPED WITH ALXILLARY VALVES AND VALVE BOXES IN ACCORDANCE WITH THE VILLACE'S STANDARD. EACH HYDRAVIT SHALL BE EQUIPPED WITH 02-1/2 INCH HORSE MOZZE AND ONE 4-1/2 INCH HOPPER PORT. HOSE THRESDS SHALL BE THE STANDARD OF THE VILLACE. ALL HYDRAVITS SHALL OPEN LEFT (COUNTIER-CLOCKWISE). ALL FIRE HYDRAVITS SHALL BE SET 3 FEET TO 7 FEET FROM BACK, OF CURB. WATER SERVICES SHALL BE LATE NOT LESS THAN 5.5 FEET RELOW GRADE

. ALL WATERMAIN JOINTS MUST BE RESTRAINED WITH MEGA LUGS (EBAA IRON) ONLY. ALTERNATE FITTINGS MAY BE USED ONLY IF APPROVED BY THE VILLAGE.

HENEVER POSSIBLE A WATER MAIN MUST BE LAID AT LEAST 10 FEET HORIZ

WHENCHE WATER MAINS PALET CRICIS HOUSE SEWERS, STOMS SEWERS OR SANITARY SEWERS, TO BICHES ADOUT THE CRICIAN OF THE DRAIN OR SEWER, THIS VERTICAL SEPARATION HIST SE BANKTANDED FOR THE FORTION OF THE WATER MAIN LOCKED WITHIN 30 FET FORTION OF THE MAINTEN M

UNDERGROUND UTILITIES (CONT'D)

GROUND CONTRACTOR SHALL PLACE AND MOUND EXCESS EXCAVATED TO THE TREMCHES IN AN ORDER V FASHION SO AS NOT TO CREATE A H

ANY ANTICIPATED COST OF SHEETING SHALL BE REFLECTED IN THE CONTRACT AMOUNTS. NO ADDITIONAL COST WILL BE ALLOWED FOR SHEETING OR BRACING.

FRAMES AND LIDS (OR GRATES) FOR SANITARY, WATER MAIN AND STORM SEWER STRUCTURES SHALL BE AS INDICATED WITHIN THESE IMPROVEMENT PLANS. (SEE CONSTRUCTION STANDARDS)

WORK SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT DELAY. COST FOR TELEVISING AND FURNISHING VIDEO TAPE AND CORRECTIVE WORK SHALL BE INCIDENTAL TO THE CONTRACT (HERGED INTO UNIT PRICE OF THE SEWER PIPE).

ALL WATER MAINS SHALL BE SUBJECTED TO A PRESSURE TEST BY THE CONTRACTOR. HYDROSTATIK PRESSURE TEST AND LEAKAGE SHALL BE BASED ON 150 PSI FOR 2 HOURS, WATER MAINS SHALL BE CHORINATED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

THE UNDERGROUND CONTRACTOR SHALL CONSIDER INCIDENTIAL TO THE CONTRACT ANY OCCUSIONATION AND TESTING OF EXISTING WATER MAIN WHERE CONNECTIONS TO AND INCLUSION OF SUCH MAINS. IS INJUSTED ON THE ONE OWNER, IN THE VENT HINT THE RESIDENCE TESTS OF SUCH MAINS OF THE OWNER OF THE VENT HINT THE RESIDENCE TESTS OF THE OWNER OF THE VENT HINT THE PRESSENCE TESTS OF THE OWNER OWNER

THE CONTRACTOR SHALL MAINTAIN A LEGIBLE RECORD ON A SET OF CONSTRUCTION PLANS INFORMATION CONCERNING ALL MANHOLES, WYES AND SERVICES, VALVE BOXES, CLIRB BOXES INFORMATION CONCEINNING ALL MANHOLES, WYES AND SERVICES, VALVE BUXES, CLIRB BUXES, ETC. SUCH THAT THEY CAN BE LOCATED IN THE FIELD IN A MANNER ACCEPTABLE TO THE APPLICABLE GOVERNMENTAL AGENCY. FINAL CONTRACT PAYMENT SHALL NOT COME DUE UNTIL TI INFORMATION IS RECEIVED BY THE ROLINGER.

PAVING, CURBS & WALKS

WORK UNDER THIS SECTION SHALL INCLUDE FINAL SUBGRADE SHAPING AND PREPARATION FORMING, JOINTING, PLACEMENT OF ROADWAY AND PAVEMENT BASE COURSE MATERIALS SUBSEQUENT BINDER AND/OR SUBFACE COURSES; PLACEMENT, FINISHING AND CURRING OF CONCRETE; FINISHING AND CURRING OF CONCRETE; FINISHING AND CURRING OF CONCRETE; FINISHING CONCRETE STATE OF WORK.

ALL PAVING, SIDEWALK, AND CURB AND GUTTER WORK SHALL BE DONE IN ACCORDANCE WITH THE LD.O.T. STANDARD SPECIFICATIONS AND PER THE VILLAGE OF ROMEOVILLE CODE OF ORDINANCES.

THE PROPOSED PAVEMENT SHALL CONSIST OF THE SUB-BASE COURSE, BASE COURSE, HOT-MIX ASPHALT BINDER COURSE, AND HOT-MIX ASPHALT SURFACE COURSE, OF THE THICKNESS AND SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT. ALL PAVI CONSTRUCTED IN ACCORDANCE WITH THE LD.O.T. STANDARD SPECIFICATIONS

AFTER THE INSTALLATION OF THE BASE COURSE, ALL TRAFFIC SHALL BE KEPT OFF THE BASE UNTIL

SHALL BROWNE WHATEVER EQUIPMENT AND MANDOWER IS INSCESSARY, INCLUDING THE PROWER BROWNS, TO PREPARE THE PAYMENT FOR ANYLCATION OF THE SURFACE COURSE OF THE CONTINUE THE SURFACE COURSE OF THE CONTINUE TO THE COST OF THE CONTINUE SHALL IS SO BE CONSIDERED AS INCLIDENTAL TO TO THE COST OF THE CONTINUE SHALL IS ADPLIED TO THE BINDER CONTINUES SHALL IS ADPLIED TO THE BINDER AT OLS GALLIONS PER SQUARE YARD, UNESS DESIGNATED OF THE WORK OF THE SURFACE OF THE

CONCRETE PAVEMENT SHALL BE OF THE THICKNESS AND IDMENSIONS AS SHOWN IN THE PLANS. ALL CONCRETE PAVEMENT SHALL CONFORM TO L.D.O.T. STANDARD SPECIFICATION SECTION 420 UNLESS NOTED OTHERWISE ON PLANS.

COMBINATION CURB AND GUTTER (WHEN REQUIRED) SHALL BE OF THE TYPE AS DETAILED IN THI CONSTRUCTION PLANS. ALL CURB AND GUTTER SHALL CONFORM TO LID.O.T. STANDARD SPECIFICATION SECTION 606 UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR IS CAUTIONED TO REFER TO THE CONSTRUCTION STANDARDS AND THE PAVENENT CROSS SECTION TO DETERMINE THE GUTTER FLAG THICKNESS AND THE AGGREGATE BASE COURSE THICKNESS BENEAT THE CURB AND GUTTER. THE AGGREGATE BENEATH THE CURB AND GUTTER SHALL BE INCLUDED IN

34 BL FIELD WENDLIEDS PRIES SUMMACHINE WITH 1 BL X B IN FLAM FIGURE DEVI-CURR RETURNS, AND AT THE BIND OF EACH FURB. ATTEMPT ERNS OF THE DOTRE BINS SWITS OF CHER RETURNS, AND AT THE BIND OF EACH FURB. ATTEMPT ERNS OF THE DOTRE BINS SWITS OF GREADER AND FITTED WITH HE'FILL EDWARDION TUBES. 3/4 IN. THOSE PRIES EXPORATION DIVINES SWILL BE LIBED IN DEVER FOR SWITS AND ATTEMPT AS DIVINED WITH THE STORY OF THE CONTRACTOR SHALL INSTALL THREE (3) BRILLED AND GROUPED NO. 5 RESPONDENDE DANS OR DEPONICION TE ANCHOROLO, \$ \$\). IN LOUDENT, SHALL DE LOUD THE THE WAY DANS AND CALTER SHALL DEPONICION SHALL DE LOUDENT SHALL DE LOUDENT SHALL DE CONSIDERATION OF \$15 FOOT (MAXIMARI) INTERNALS IN THE CURR. THE COST OF THESE JOINTS SHALL DE CONSIDERATION OF \$16 NICEDITATION OF LOUDENT SHALL DEPONICION OF THE SHALL DEPONICION OF \$16 NICEDITATION OF LOUDENT SHALL DEPONICION OF THE SHALL DEPONICION OF \$16 NICEDITATION OF LOUDENT SHALL DEPONICION OF THE SHALL DEPONICION OF \$16 NICEDITATION OF THE SHALL DEPONICION OF T

CURBS SHALL BE DEPRESSED NO MORE THAN \dot{Z}^a above plowline at locations where public walks/pedestrian paths intersect curb lines at street intersections and other

IT SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

TESTING OF THE SUB-BASE, BASE COURSE, BINDER COURSE, SURFACE COURSE AND CONCRETE OF WORK SHALL BE REQUIRED IN ACCOMMANCE WITH THE LD.O.T. STANDAMS SHCENCTIONS AND EXPENDED AND ACCOMMANCE WITH THE LD.O.T. STANDAMS SHCENCTIONS AND EXPENDED AND ACCOMMENDED THE COURSE OF THE COURSE OF THE COURSE THE STANDAMS OF THE OWNER OF THE OWNER OF THE CONTRACTOR SHALL BE RESULTS TO THE CONSULTING HOMERER AND THE VILLAGE. THE CONTRACTOR SHALL BE RESULTS TO THE COURSE OF THE CONTRACTOR SHALL BE

ROMEOVILLE ENGINEERING NOTES

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

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 (81.5) 886-17 OG ET APPROVAL OF SAID USAGE. ANY UNAUTHORIZED USAGES WILL RESULT IN PENALTIES.

ALL WATERMAINS MUST BE WRAPPED IN POLYETHYLNE USING METHOD B. ALL SANITARY MANHOLES MUST HAVE AN INTERNAL/EXTERNAL ADAPTOR SEAL. RECOMMENDED SEA BY ADAPTOR INC.

ROMEOVILLE CHLORINATION STANDARDS

AS CHLORINE MUST BE USED FOR DISINFECTION. HE CHLORINATION CONTRACTOR MUST CALL 815-886-1870 A MINIMUM OF 24-HOURS IN

THE CHEIRINATION CONTINCTOR MUST CALL 813-886-1897A R RINNINGH OF 24-HOURS IN ADVANCET TO SCHULE CHOIRINATION.
ONLY VILLAGE OF ROMEOVILLE EMPLOYEES SHALL OPERATE WATER SYSTEM VALVES AND TURN ONJOYE SHANL TOW WHIS WITH ESAMPLES ARE BEING COLLECTED.
ALL CHICRIPATION AND SAFFLY EQUIPMENT WIST MEET OR EXCEED THE STANDARDS AND RECOMMENDATIONS SET BY THE CHORINE INSTITUTE.

THE CHLORINATION 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.

BOTH ON FILE WITH THE VILLAGE.

THE CHLORIPATION CONTRACTION MUST HAVE UPDATED 24-HOUR EMERGENCY PHONE MUMBERS ON FILE WITH THE VILLAGE.

THE CHLORIPATION CONTRACTION MUST COMPLY WITH STATE AND FEDERAL REGULATIONS REGARDING TRANSPORTATION AND HANDLING OF CHLORIBE CYLINDERS.

- SHIPPING AND BEREGENCY PRIESES FOR EVERY 108 LIGATION

COMMERCIAL DRIVER'S LICENSE WITH HAZMAT ENDORSEMENT AND MEDICAL CARD
 COPY OF EMERGENCY RESPONSE GUIDEBOOK IN VEHICLE

HAZARDOUS MATERIALS PLACARD DISPLAYED ON VEHICLE
 CYLINDER STRAPPED UPRIGHT IN TRUCK
 CONTINUE STRAPPED UPRIGHT ON TRUCK

FINAL ACCEPTANCE AND TESTING OF SANITARY SEWER

MATERIALS SHALL BE SARKET TO ARE SPILLIFATION TESTS, TRADVISION TE

FINAL TESTING OF SANITARY SEWER MANHOLES

FLOW MONITORING PRIOR TO ACCEPTANCE

THE DEVELOPER WILL BE REQUIRED TO MOINTOR THE FLOWRATE FROM THE SITE FOR A PERIOD OF TWO MONTHS (ENCOMPASSING AT LEAST TWO MAJOR STORM EVENTS) TO IDENTIFY ANY EXCESSIVE INFLOW/INFILTRATION OCCURING IN THE SYSTEM. THE DATA MUST BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE PRIOR TO ACCEPTANCE OF THE FUELIC IMPROVEMENTS.

PLAN I DESIGN I DELIVER

GREENWOOD INDUSTRIAL 140K SPEC ROMEOVILLE, ILLINOIS

REVISIONS 1 PER VILLAGE REVIEW 08/12/16

PROJECT SPECIFICATIONS

<u>C-2</u> OF

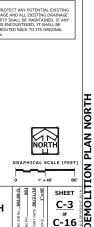
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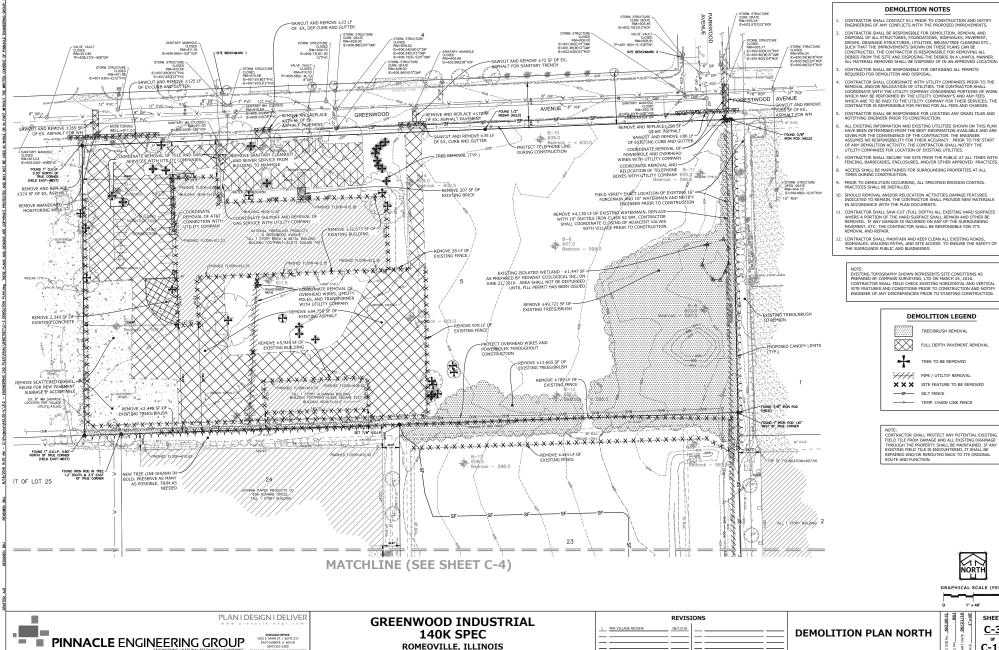
PINNACLE ENGINEERING GROUP

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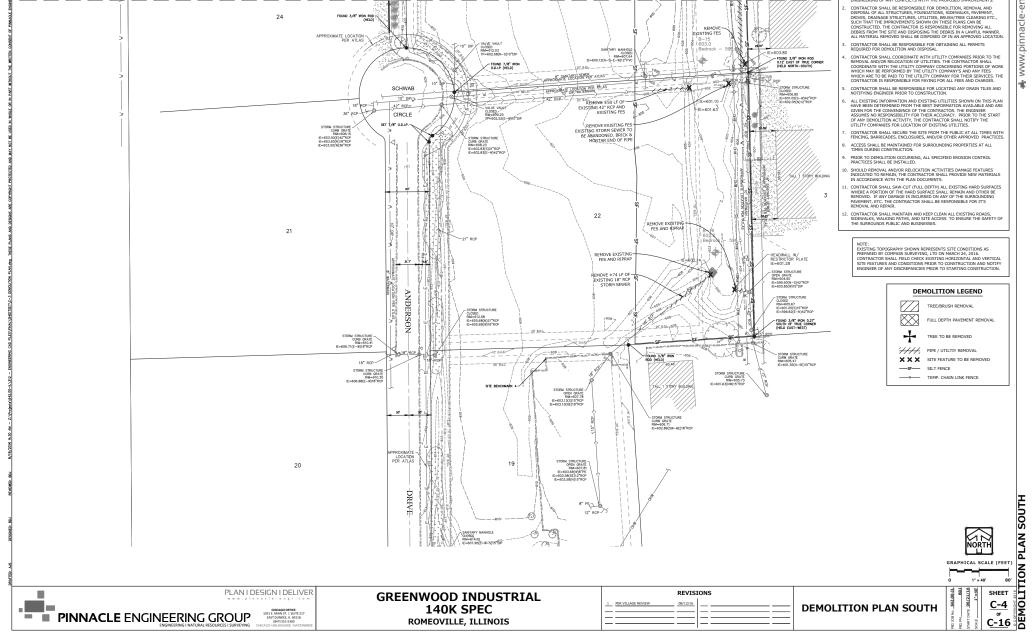
(847) 53 154 (847) 53 154





DEMOLITION NOTES

DEMOLITION PLAN SOUTH



GREENWOOD INDUSTRIAL

140K SPEC

ROMEOVILLE, ILLINOIS

REVISIONS

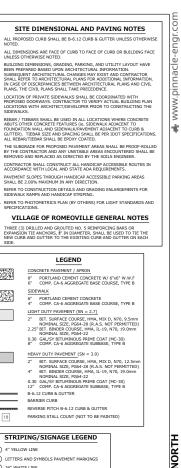
08/12/16

1 PER VILLAGE REVIEW

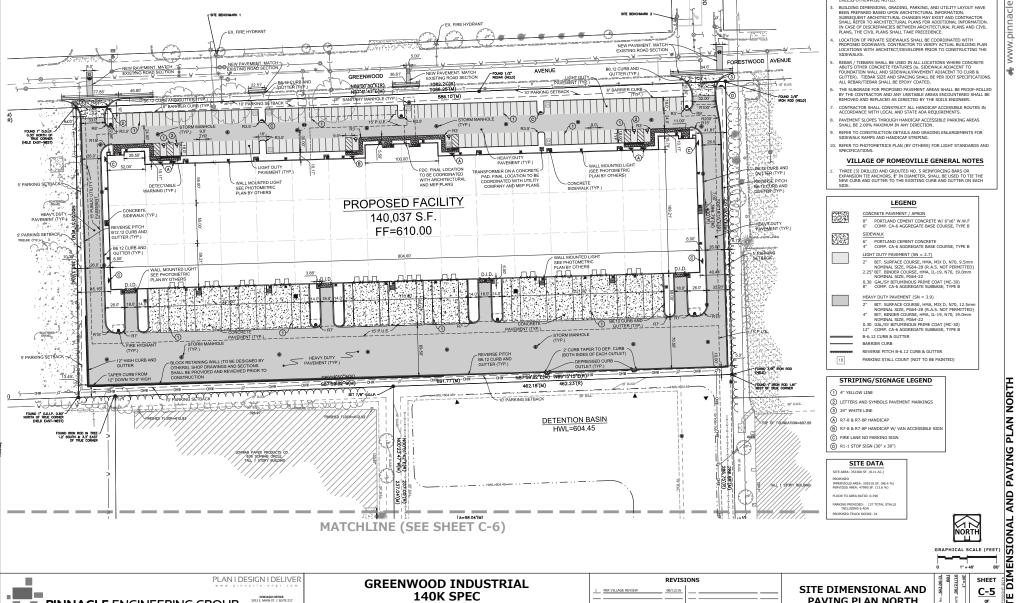
MATCHLINE (SEE SHEET C-3)

PLAN I DESIGN I DELIVER

PINNACLE ENGINEERING GROUP



<u>C-5</u>



GREENWOOD INDUSTRIAL

140K SPEC

ROMEOVILLE, ILLINOIS

REVISIONS

PER VILLAGE REVIEW

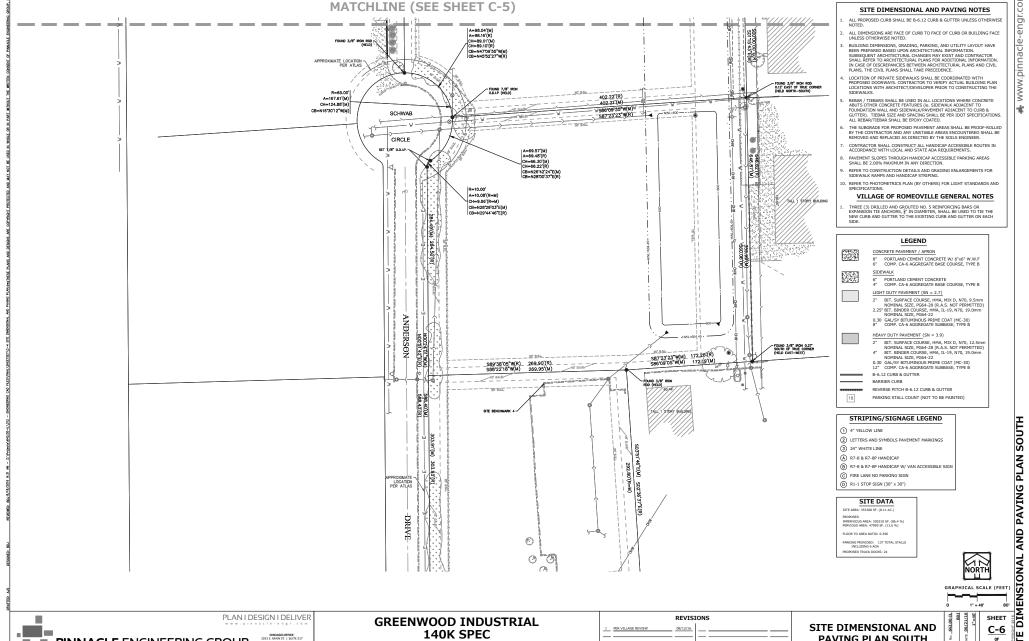
SITE DIMENSIONAL AND

PAVING PLAN NORTH

PLAN I DESIGN I DELIVER

PINNACLE ENGINEERING GROUP

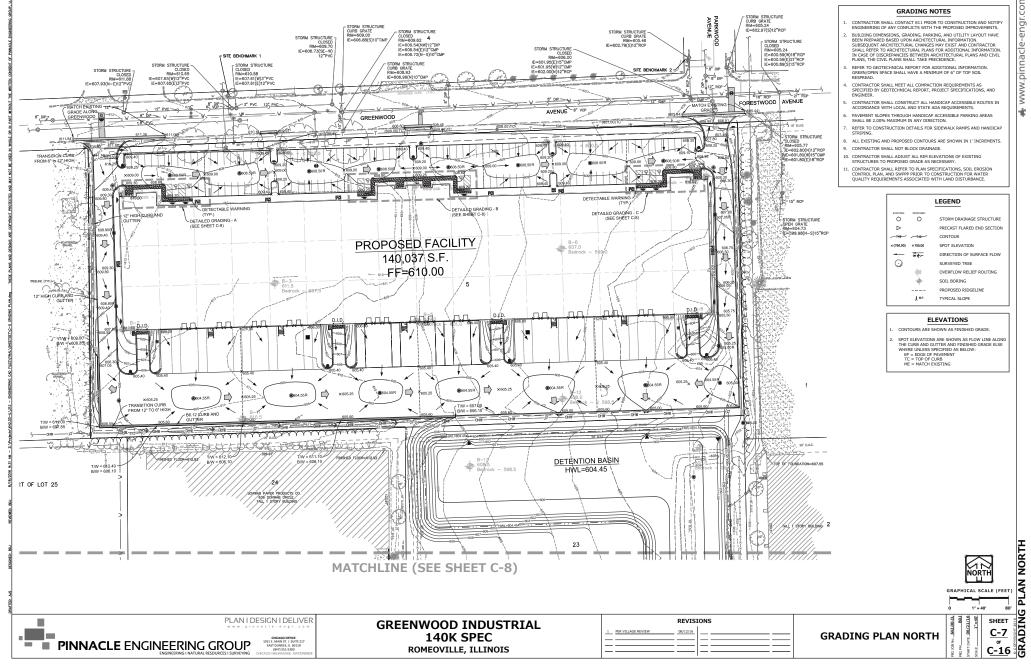
PAVING PLAN SOUTH



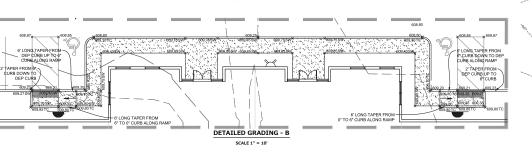
ROMEOVILLE, ILLINOIS

PINNACLE ENGINEERING GROUP

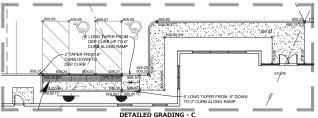


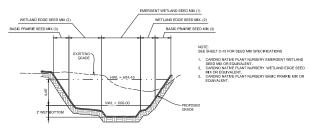






DETAILED GRADING - A SCALE 1" = 10'





DETENTION BASIN CROSS SECTION A-A HORIZONTAL SCALE: 1"= 30" | VERTICAL SCALE: 1" = 5'

GRADING NOTES

- CONTRACTOR SHALL CONTACT 811 PRIOR TO CONSTRUCTION AND NOTIFY ENGINEERING OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
- ENGINEERIN OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.
 BUILDING DIPPENSIONS, GRADING, APARING, AND UTILITY LAVOUT HAVE
 BEEN PERPARED BASED UPON ARCHITECTURAL INFORMATION.
 BEEN PERPARED BASED UPON ARCHITECTURAL INFORMATION.
 FRACTOR
 SHADE AND ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
 IN CASE OF DISCREPANCIES BETWEEN ARCHITECTURAL PLANS AND CIVIL
 PLANS, THE CUTIL PLANS SHALL TAKE PRECEDENCE.
- CONTRACTOR SHALL MEET ALL COMPACTION REQUIREMENTS AS SPECIFIED BY GEOTECHNICAL REPORT, PROJECT SPECIFICATIONS, AND ENGINEER.
- PAVEMENT SLOPES THROUGH HANDICAP ACCESSIBLE PARKING AREAS SHALL BE 2.00% MAXIMUM IN ANY DIRECTION.
- REFER TO CONSTRUCTION DETAILS FOR SIDEWALK RAMPS AND HANDICAP STRIPING.
- B. ALL EXISTING AND PROPOSED CONTOURS ARE SHOWN IN 1' INCREMENTS.
- 9. CONTRACTOR SHALL NOT BLOCK DRAINAGE.
- CONTRACTOR SHALL ADJUST ALL RIM ELEVATIONS OF EXISTING STRUCTURES TO PROPOSED GRADE AS NECESSARY.

0

CONTRACTOR SHALL REFER TO PLAN SPECIFICATIONS, SOIL EROSION CONTROL PLAN, AND SWPPP PRIOR TO CONSTRUCTION FOR WATER QUALITY REQUIREMENTS ASSOCIATED WITH LAND DISTURBANCE.

LEGEND

PRECAST FLARED END SECTION × (750.00) × 750.00

SURVEYED TREE OVERFLOW RELIEF ROUTING

SOIL BORING PROPOSED RIDGELINE TYPICAL SLOPE

ELEVATIONS

- CONTOURS ARE SHOWN AS FINISHED GRADE
- SPOT ELEVATIONS ARE SHOWN AS FLOW LINE ALONG THE CURB AND GUTTER AND FINISHED GRADE ELSE WHERE UNLESS SPECIFIED AS BELOW:

 EP = EDGE OF PAYEMENT
 TC = TOP OF CURB
 ME = MATCH EXISTING

PER PART OF THE PA



GREENWOOD INDUSTRIAL **140K SPEC** ROMEOVILLE, ILLINOIS

2' TAPER FROM 6" CURB DOWN TO DEP CURB GRADE

REVISIONS 1 PER VILLAGE REVIEW

MATCHLINE (SEE SHEET C-7)

PRODUCTE LOCATION PER ATLAS

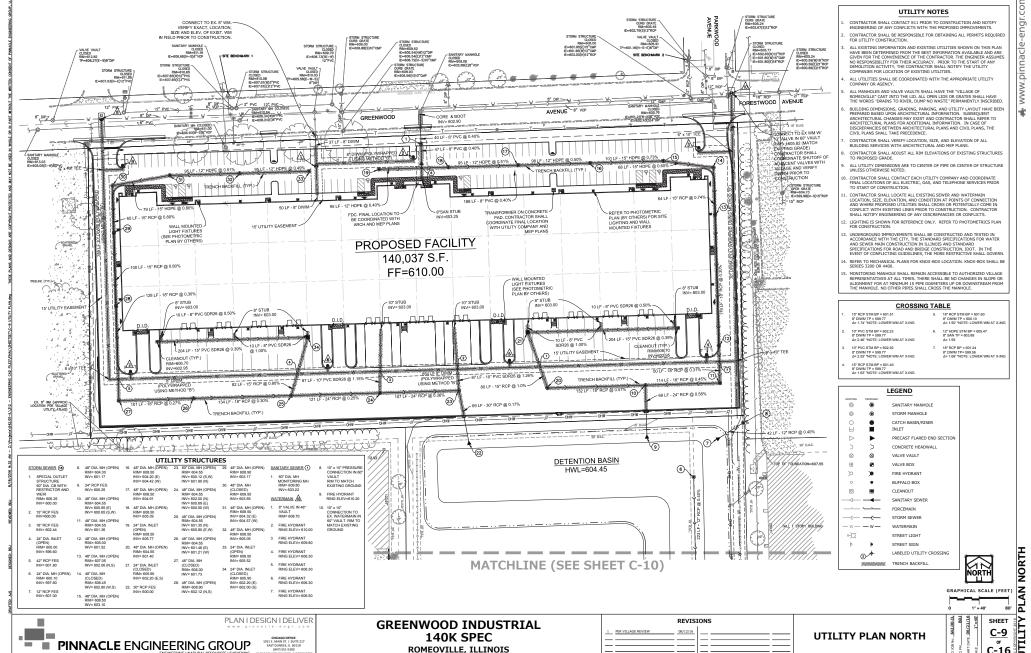
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GRADING PLAN SOUTH



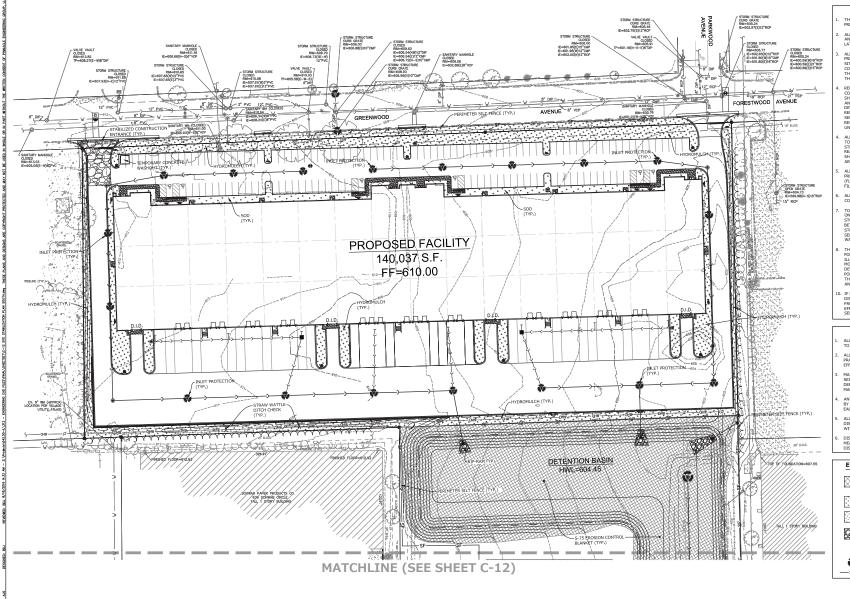






ROMEOVILLE, ILLINOIS





SITE STABILIZATION NOTES

- THE NOTICE OF INTENT (NOI) AND NPDES PERMIT SHALL BE OBTAINED PRIOR TO ANY EARTH MOVING ACTIVITIES.
- LATEST EDITION
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION OR DISTURBANCE OF THE SITE. THE MEASURES MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS DURING CONSTRUCTION. ANY MEASURES, IN ADDITION TO THOSE OUTLINED IN THE PLANS AND WHICH ARE DEEMED NECESSARY BY THE VILLAGE, SHALL BE IMPLEMENTED IMMEDIATELY BY THE DEVELOPER.
- REGULAR INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT REGULAR INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMEN CONTROL MEASURES MUST BE ROWDING BY THE DEVELOPER. INSPECTIO SHOULD OCCUR WEEKLY, AND AFTER ANY BAIRFALL GEATER THAI 17.2 SHOULD OCCUR WEEKLY, AND AFTER ANY BAIRFALL GEATER THAI 17.2 SHOULD DEVELOR THAT ARE SEDIMENT OF A SEPARATION SHALL BE REPRIZED OR REPLACED IMPEDIATELY THE DEVELOPER SHALL BE RESPONSIBLE FOR AN EXCEPTION SHALL BE RESPONSIBLE FOR AN EXCEPTION SHALL BE REPRIZED OR REPLACED IMPEDIATELY THE DEVELOPER SHALL BE RESPONSIBLE FOR AN EXCEPTION SHALL BE REPRIZED OR RESPONSIBLE FOR AN EXCEPTION SHALL BE REPRIZED OR RESPONSIBLE FOR AN EXCEPTION SHALL BE REPRIZED OR RESPONSIBLE FOR AN EXCEPTION SHALL BE RESPONSIBLE FOR AN EXCEPTION SHALL BE
- ALL POLITS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF DEBRIS, DIRT, AND MID ONTO ADDACHN THAT TEXTERPAST TRACKING AND ADDACHN THAT TEXTER AND ADDACHN THAT TRACKING AND IMPROVED PUBLIC RIGHT-OF-WAY, STREET, OR PASKING AREA SHALL BE PROMPTLY REMOVED, AND TRANSPORTED TO A PROPER DISPOSAL AREA.
- ALL DRAINAGE SWALES SHALL BE STABILIZED WITH SPECIFIED EROSION CONTROL BLANKET.
- TOPSOIL STO-WRIES SMAL BE LOCATED TO AVOID EBOSION OF STO-WRIES ONTO RECIPION TO AVOID EBOSION OF STO-WRIES ON TO RESTORED PROBER PROPER AREAS.

 STOCKHILES SHAL BE LOCATED SO THAT A DRABANGE SWALL SI LOCATED BETWEEN THE STO-WRIES AND ANY DOWNSTREAM PROPERTIES. IF A STOCKHILE IS TO REPAIN IN PALCE FOR MORE THAN 14 DMS.; IT MUST BE SEEDED AND BLANKETED TO MINIMIZE SOIL BROSSON BY BOTH WIND AND WATER.
- THE DEVELOPER IS RESPONSIBLE FOR OBTAINING A SEPARATE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (PONES) PERMIT ROSS THE MORE OF PROPERTY BOST THE CONTROL OF THE PROPERTY OF SOME AND PROPERTY DESIGNATION OF THE PROPERTY OF THE PROPER
- IF DEWATERING SERVICES ARE USED, ADJACENT PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM ENOSION. DISCHARG FROM CONSTRUCTION DEWATERING SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE SUCH AS A SEDIMENT TRAP, A SEDIMENT BASIN, OR ANY OTHER APPROPRIATE MEASURE.

ROMEOVILLE EROSION CONTROL NOTES

- ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED
- 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 CONROLLED SEDIMENT DISPOSAL
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE OR REDISTURBANCE.



SEED & BLANKET TEMPORARY TURF GRASS MIX NORTH AMERICAN GREEN S-75 BLANKET

SOD (OPEN SPACE AREAS)

SEE LANDSCAPE PLAN FOR LOCATION HYDROMULCH W/ TURF GRASS SEED MIX PAPER HYDROMULCH @ 1500 LBS/ACRE CONSTRUCTION ENTRANCE

CA-3 W/ FILTER FABRIC SEE DETAIL

SILT DIKE / DITCH CHECK O









GREENWOOD INDUSTRIAL 140K SPEC ROMEOVILLE, ILLINOIS

REVISIONS PER VILLAGE REVIEW

SITE STABILIZATION PLAN **NORTH**



ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION OR DISTURBANCE OF THE STIE. THE MEASURES MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS DURING CONSTRUCTION. ANY MEASURES, IN ADDITION TO THOSE OUTLINED IN THE PLANS AND WHICH ARE DEEMED NECESSARY BY THE VILLAGE, SHALL BE IMPLEMENTED IMMEDIATELY BY THE DEVELOPER.

REGULAR INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT REGULAR INSPECTION AND MAINTENANCE OF ALL ENGOION AND SEDMENT OWNER, WESTERN STATE OF A SECURITY OF RESPONSIBLE FOR MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES UNTIL THE SITE IS PERMANENTLY STABILIZED.

SITE STABILIZATION NOTES

THE NOTICE OF INTENT (NOI) AND NPDES PERMIT SHALL BE OBTAINED PRIOR TO ANY EARTH MOVING ACTIVITIES.

LATEST EDITION.

- ALL POLITS OF CONSTRUCTION INGRESS. AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF DEBRIS, DIDT, AND MILD ONTO ADJACENT THAT TETERACKES AN IMPROVED FUBIL CRICHT-OF-WAY, STREET, OR PARKING AREA SHALL BE PROMPTLY REMOVED, AND TRANSPORTED TO A PROPER DISPOSAL AREA.

 AREA. ALL SEDIMENT MUST BE PREVENTED FROM ENTERING ANY PUBLIC OR PRIVATE STORM DRAINAGE SYSTEM. REUSABLE INLET FILTER BASKETS (FLEXSTORM, CATCHALL, OR EQUIVALENT), SEDIMENT BASINS, AND WATER FILTERING BASS, SHALL BE PROVIDED AS NEEDED.
- ALL DRAINAGE SWALES SHALL BE STABILIZED WITH SPECIFIED EROSION CONTROL BLANKET.
- TOPSOIL STOCKPILES SHALL BE LOCATED TO AVOID EROSION OF STOCKPILE ONTO NECHOSEON REPORTED ON INTO RESTORED PRODECT AREAS. STOCKPILES AND ILB ELOCATED SO THAT O RADIANGE SHALL SI LOCATED BETWEEN THE STOCKPILE AND ANY DOWNSTREAM PROPERTIES. IF A STOCKPILE IS TO REPMAIN IN PLACE FOR NORE THAT I A DAY, IT MUST BE SEEDED AND ELANKETED TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.
- THE DEVELOPER IS RESPONSIBLE FOR OBTAINING A SEPARATE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (PONES) PERMIT ROSS THE MORE OF PROPERTY BOST THE CONTROL OF THE PROPERTY OF SOME AND PROPERTY DESIGNATION OF THE PROPERTY OF THE PROPER
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- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER THE SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE OR REDISTURBANCE.

EROSION CONTROL LEGEND

SEED & BLANKET TEMPORARY TURF GRASS MIX NORTH AMERICAN GREEN S-75 BLANKET

SOD (OPEN SPACE AREAS) SEE LANDSCAPE PLAN FOR LOCATION

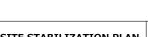
HYDROMULCH W/ TURF GRASS SEED MIX PAPER HYDROMULCH @ 1500 LBS/ACRE CONSTRUCTION ENTRANCE

CA-3 W/ FILTER FABRIC SEE DETAIL

SILT DIKE / DITCH CHECK

O INLET PROTECTION STLT FENCE







DRIVE

STORM STRUCTURE CURB GRATE RM=610.30 IF=606.88/F-W118*RCP



SITE STABILIZATION PLAN SOUTH



C-12



INSPECTION AND MAINTENANCE SCHEDULE

VEGETATION AND STABILIZATION

ONTRACTOR NSPECTOR/ENGINEER

TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB).

DEMOLITION OF EXISTING BUILDINGS & PARKING LOT.

. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE. TEMPORARY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE).

10. INSTALL STRUCTURES AND FINAL GRADE OPEN SPACE. 1. PERMANENTLY STABILIZE OPEN SPACE.

DCT INDUSTRIAL SHALL HAVE RESPONSIBILITY FOR MAINTENANCE OF EROSION CONTROL STRUCTURES AND MEASURES DURING AND AFTER DEVELOPMENT.

EROSION CONTROL MAINTENANCE CONTACT: JESS KNIGGE, DCT PH: 630-560-5000

 INSTALL STORM SEWER, WATER MAIN, AND ASSOCIATED INLET & OUTLET PROTECTION. TEMPORARILY STABILIZE ALL AREAS INCLUDING AREAS THAT HAVE REACHED TEMPORARY GRADE.

4 CONSTRUCT SEDIMENT TRAPPING DEVICES

CONSTRUCT PROPOSED BUILDING.

SEQUENCE OF CONSTRUCTION ACTIVITIES

INSTALLATION OF SOIL EROSION AND SEDIMENT CONSTROL MEASU



APPROXIMATE LOCATION -PER ATLAS

10" DIP

42" RCP.

CIRCLE

GREENWOOD INDUSTRIAL ROMEOVILLE, ILLINOIS

MATCHLINE (SEE SHEET C-11)

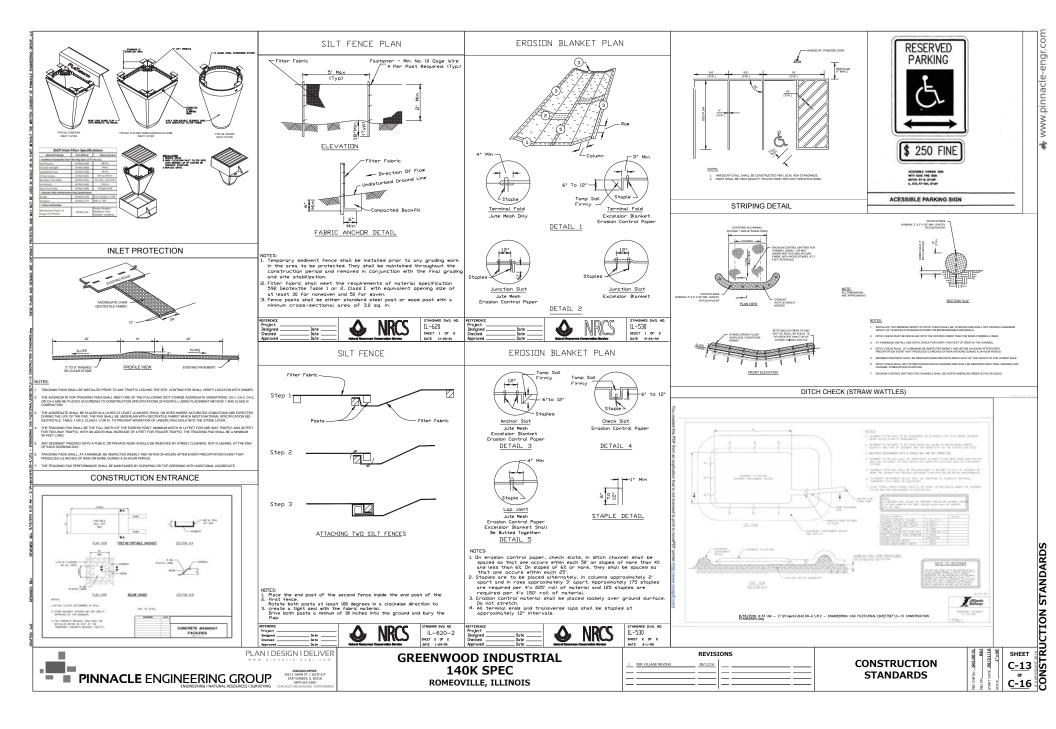
PPROTHATE LOCATION POR ATLAS

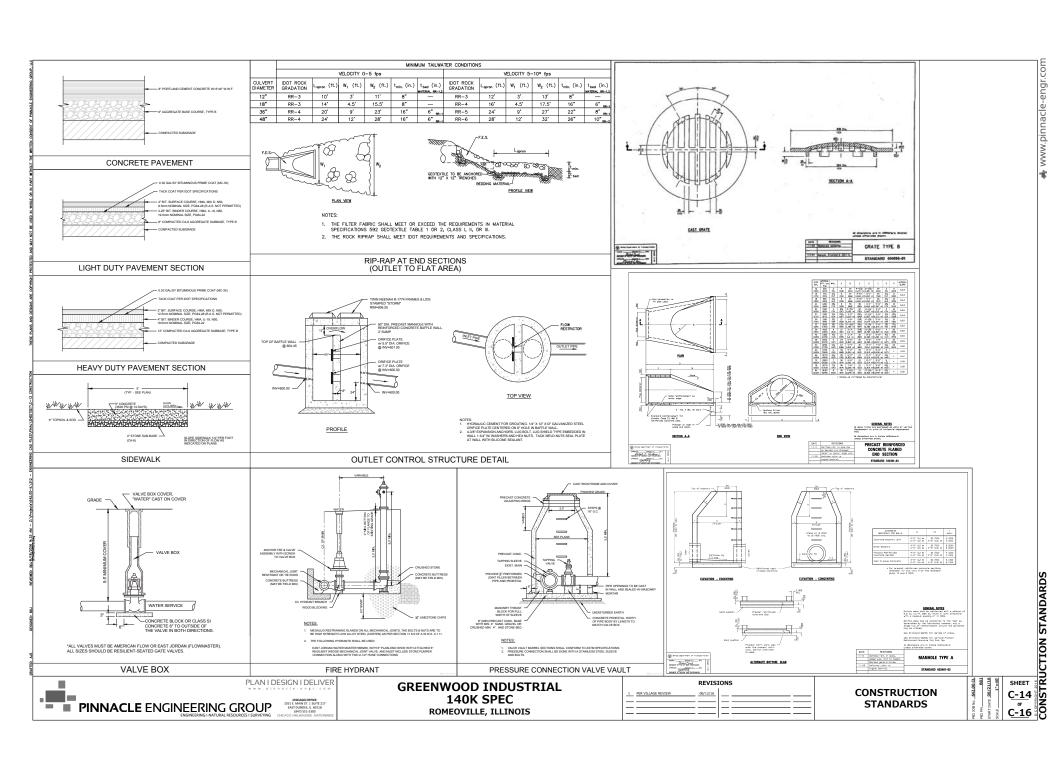
APPROXIMATE LOOKTON PER MILAS

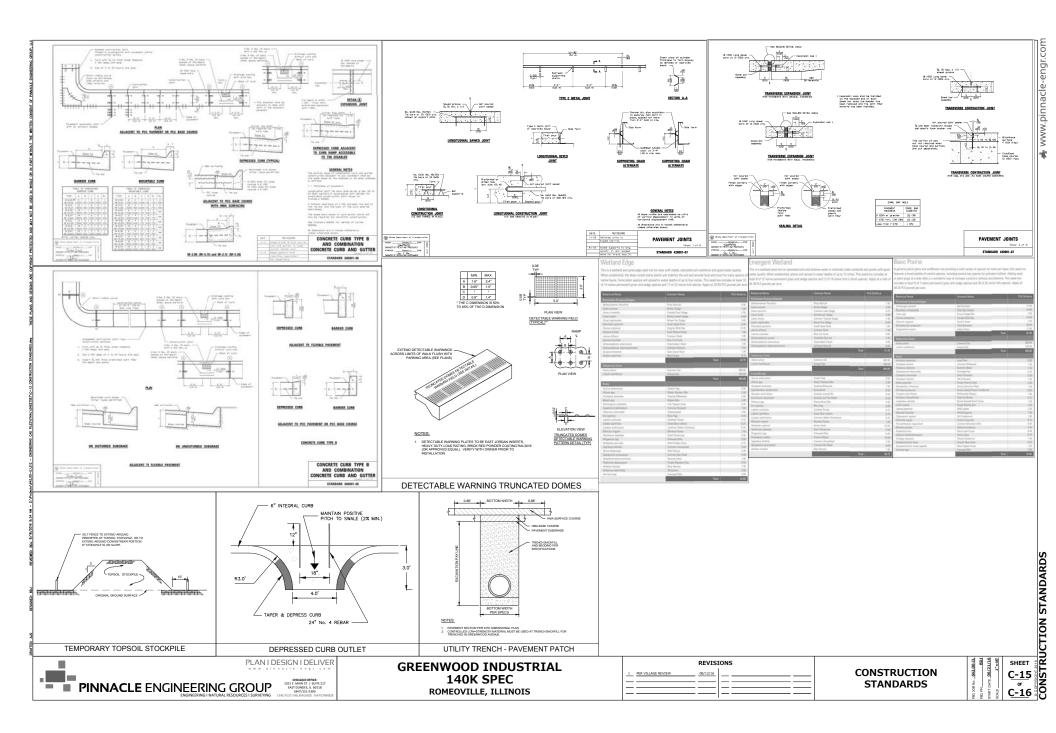
PERIMETER SILT FENCE (TYP.

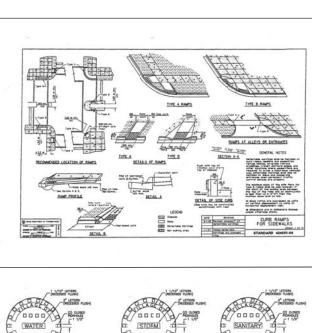
SAMITAR HANHOLE

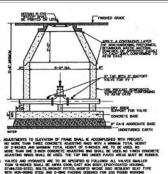




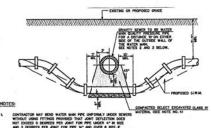


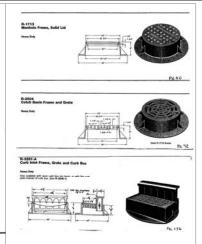


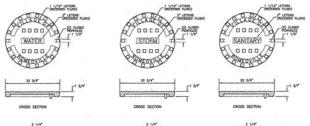




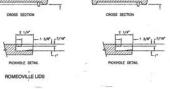






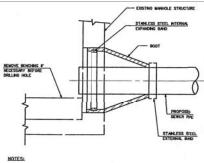


PRECAST CONCRETE MANHOLE NOTES FOR WATER VALVES

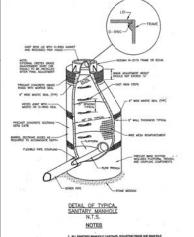


VALVE VAULT (WATER TIGHT)

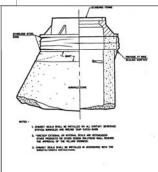
- ADDITIONAL VALVE VAULT NOTES



- 4. CLEAN EXISTING MANHOLE OF ANY DIRT. CONCRETE OR DEBRIS WHICH MAY ACCUME ATE DURING THE CONSTRUCTION PROCESS.
- ANITARY SEWER CONNECTION TO EXISTING MANHOLE



WATER MAIN CROSSING DETAIL



EXTERNAL CHIMNEY SEAL





PLAN I DESIGN I DELIVER

GREENWOOD INDUSTRIAL 140K SPEC ROMEOVILLE, ILLINOIS

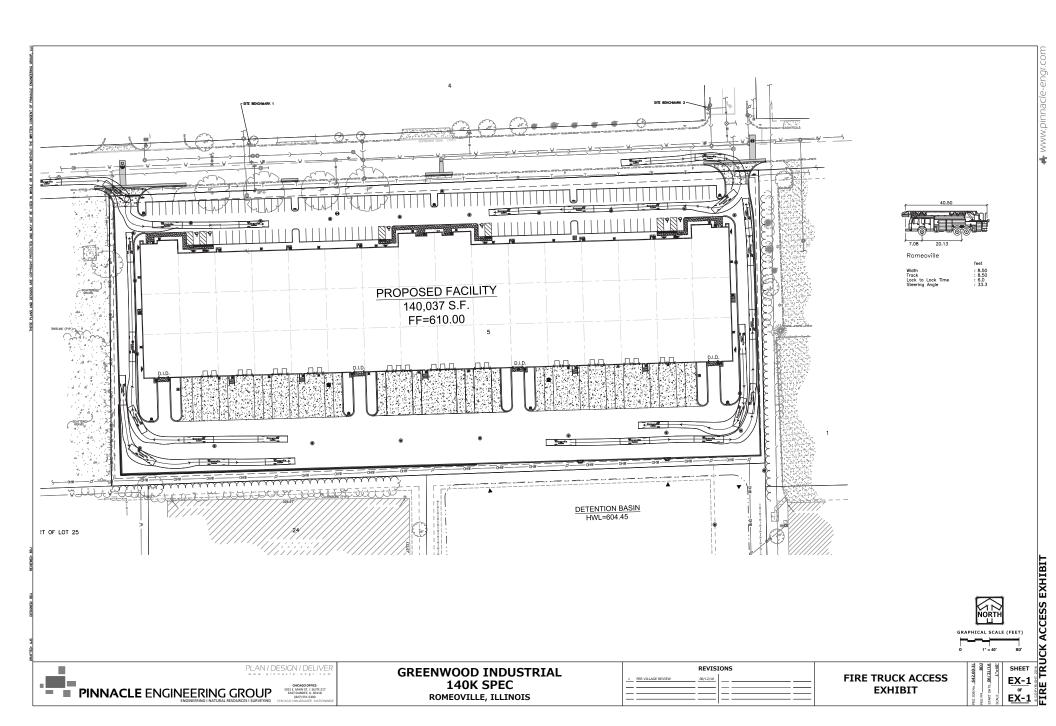
REVISIONS 1 PER VILLAGE REVIEW

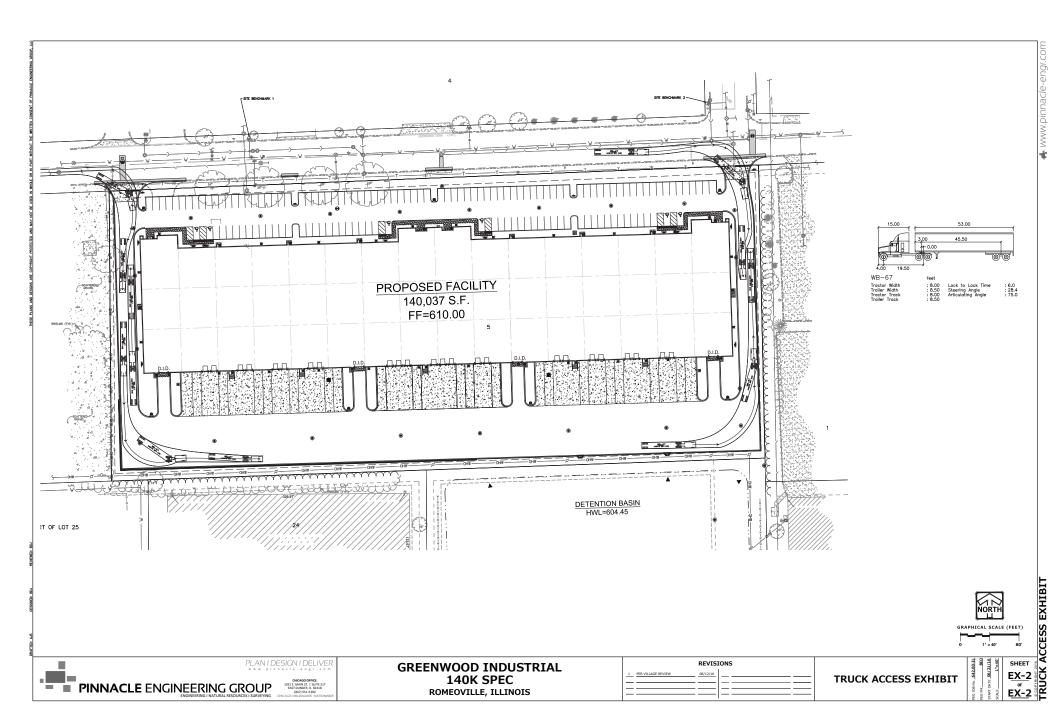
STANDARDS

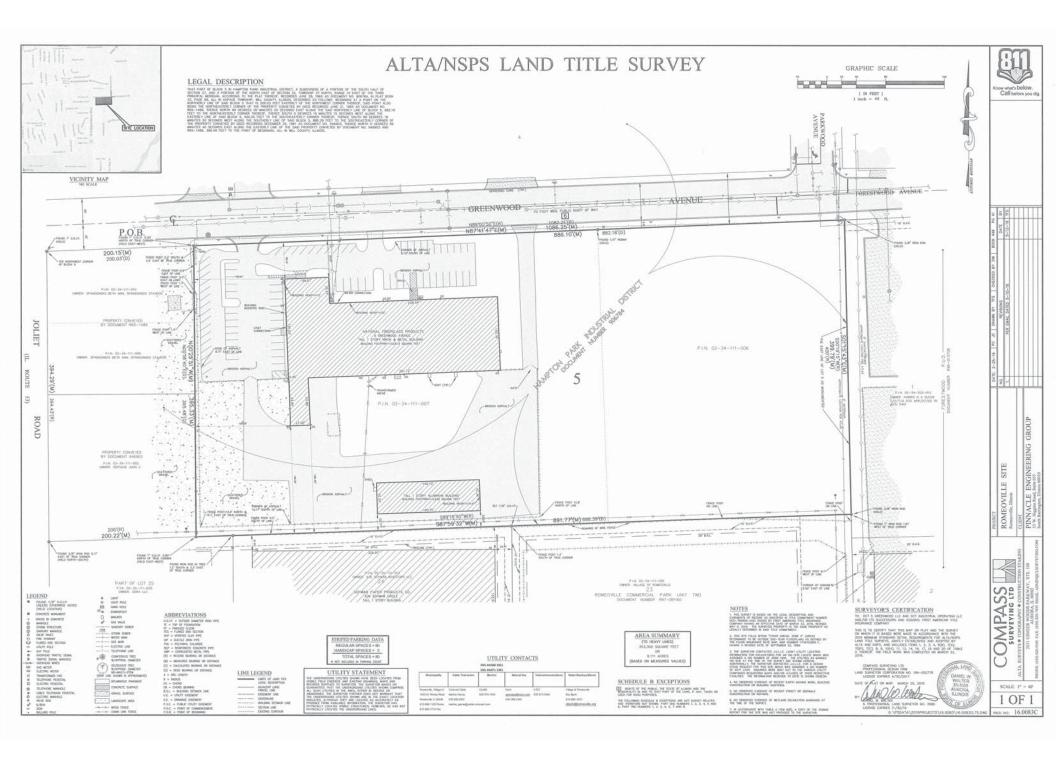
👍 www.pinnacle-engr.com

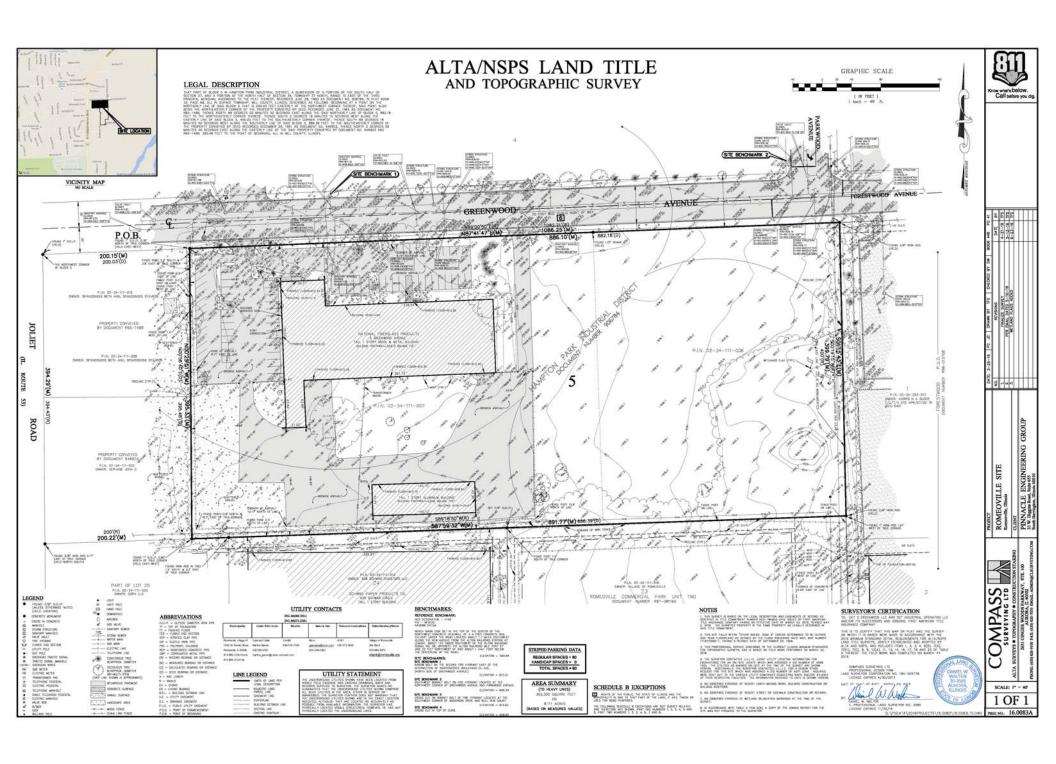
PINNACLE ENGINEERING GROUP

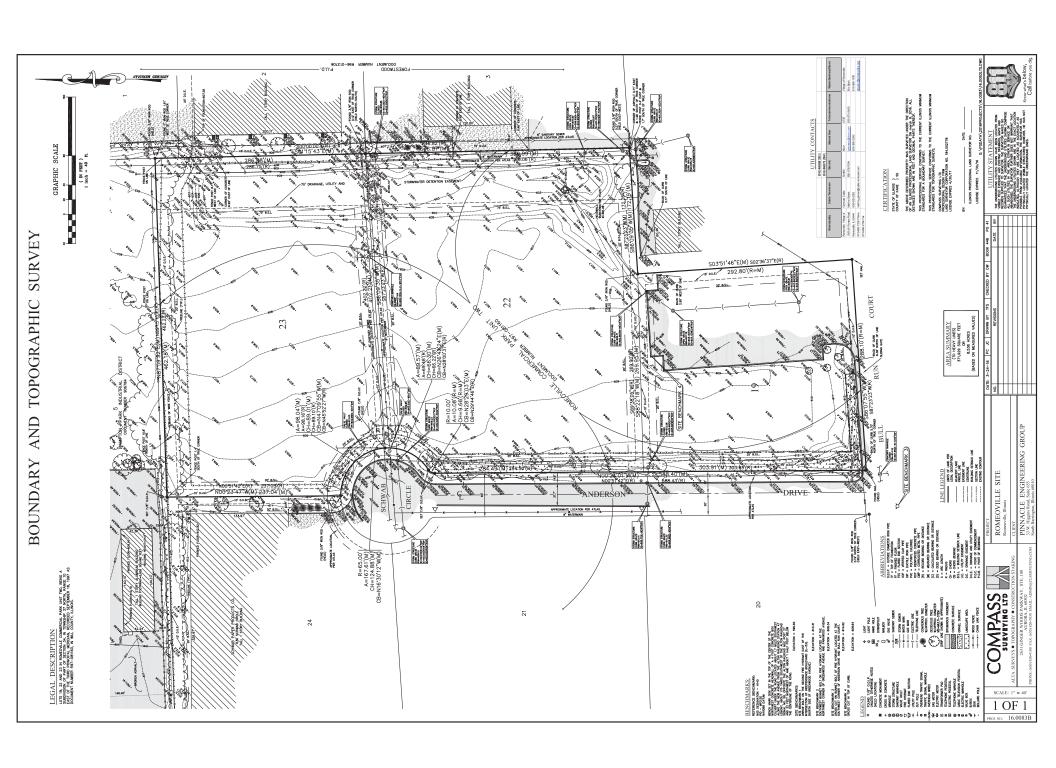
ROMEOVILLE CONSTRUCTION

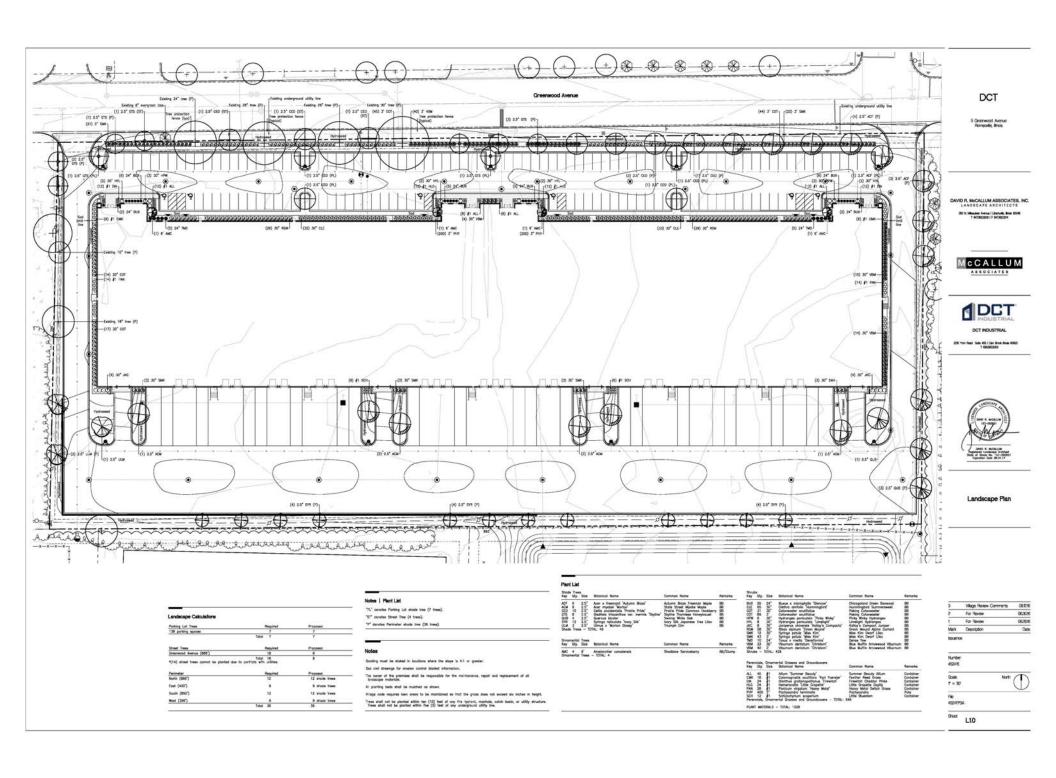












DCT

DAVID R. McCALLUM ASSOCIATES, INC. LANDSCAPE ARCHITECTS

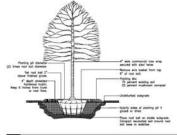
30 ti Mission Arma | Utertylle, Bron 600H T MOSCOSO | F MOSCOS

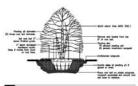




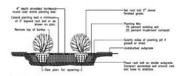
DCT INDUSTRIAL

800 West 20nd Street SLAR 200 | Cain Street Break \$50025 T 600:0600000

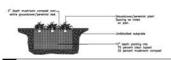




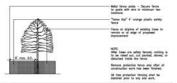
One Deciduous Ornamental Tree Planting



Detail Shrub Planting



Oroundcover/Perennial Planting



Landscape Calculations		
Porking Lat Trees	Required.	Proposed
138 porking spoces	7	7
	Total 7	7
Street Trees	Sequired	Proposed
Creenwood Avenue (886')	18	
*(14) street trees cannot be planted	Total 18 due to conflicts with utilities.	
Perimeter	Required	Proposed
North (886')	12	12 shade trees
East (400')		6 shope trees
South (892')	12	12 shode trees
West (396')		6 shops trees
7 777	Total 36	36

Notes | Plant List

"FL" denotes Porking Lat shade tree (7 trees). "SI" denotes Street Tree (4 trees). " denotes Parimeter shade tree (56 trees).

Sodding must be stoled in locations where the slope is 4:1 or greater.

See civil drowings for erosion control bionies information.

The owner of the premises shall be responsible for the maintenance, report and replacement of all landscape materials.

introduced means and the multihed as shown.

Wileye code requires liven orace to be incinitated so that the gross does not sessed six inches in height. Trees shall not be planted within ten (10) feet of any five hydraid, monhole, couch basin, or utility structure. Trees shall not be planted within five (5) feet of any underground utility line.

Hydroseed | Seed Mix

Seeding rate: 8 lbs:/1000 square fee Mutch: Coreed Fibers 2000 Fertilizer: 6-24-24 50 lbs:/100 gallone

Plant List

Shode Key	Tree	Size	Betanical Name	Common Name	Remarks
ACF ACM CEO GTS GUB STR ULM Shode	8 8 11 9 4 12 3 Tree	2.5° 2.5° 2.5° 2.5° 2.5° 2.5° 2.5° 2.5°	Acer a Insensorii "Autumn Blaze" Acer miyobel Markon' Costia sociolendaria "Prairie Prole" Deditais traconthos vor. Inemia "Sayline" Quercus bicolo" Syringa refousita "Nory Silk" Limas x Murlon Glosey" 70%: 53	Autumn Diaze Freeman Maple State Street Myote Maple Proble Probe Common Hockberry Seyline Thomiese Honeyboust Sworp While Och hory Sik Japanese Tree Liles Triumgir Ein	88 99 99 98 98 99 88

Kay	Qy.	Size	Botanical Name	Common Name	Remarks
AMC Orner	4	é" Tress	Amelonchier conodensis = 300AL: 4	Shodblow Serviceberry	88/Dun
Shrul Key	oy.	Ster	Setorical Name	Common Name	Remorks
BUX CUE COT	26 55	24° 30° 30°	Buse x microphylic 'Clencos' Clethrs shiftsto Hummingbird' Cotonecter multiplia	Discognish Gren Boswood Hummingbird Summerseet Region Ordenseater	58 58

Key	ON.	Ste	Betanical Name	Common Name	Remarks
BLX CLE CST CST CST CST CST CST CST CST CST CST	26	24° 30°	Busic x microphylic 'Dencos'	Disagoland Green Boowood	88
DUE.	65	30	Clethrs cinifolio "Hummingbird"	Hummingbird Summersweet.	00
COT	31	30	Cotoneoster ocutifolius	Paking Cotoneoster	56
COT	69	5	Cotonecator ocutifolius	Peking Cotoneoster	88
HPW.	4	30"	Hydronoec periodata 'Pirky Wrisy'	Pinky Winky Hydrondes	003
AM.		30*	Hydronoec poniculate "Limelight"	Limelight Hydronges	00
30C		30*	Juniperus chinenela Kolky's Compacte	Kolloy's Compact Junior	99
RCM.	58	30*	Ribes stoinum Green Mound	Green Mound Alpine Current	88
SMK	12	30*	Surince polyte Mas Kim	Miss Kim Dworf Liliac	89
SMK	43	5	Syrings potula 'Mea Kim'	Mas Kim Dwarf Lliac	99
DMD	10	24"	Toxus x medig 'Densiformia'	Denne Year	00
WEV	-33	50"	Whenever destribute "Christian"	Bue Muffin Arrowood Viburnum	99
VSW.	40	T	Viburnum dierfotum 'Christom'	Bue Muffin Arrowwood Viburnum	00
Shoul		TOTAL	429	THE REST PROPERTY.	200

Key	Cry.	See	Betanical Name	Common Name	Remunka
ALL CMK DA HLG PAN PHY SCH Ferent FLAN	40 18 24 24 28 400 12 mins.	-	Atlam "Summer Boouty" Colomisgratis socialized "Kon Frenzier" Dienthus grödenoguitanus Frieslach Nemerocalis Little Gragotte Resideum Virgotum "Nessy Mestel Sentenotyrium sensorium emtd Grasses and Grandouvers - TOTAL - 105AL 1052	Summer Beouty Allium Feother Read Cress Freehith Deploter Pinks Little Gropette Doylly Heory Ment Switch Gross Pochysondre Little Bluestern 546	Contains Contains Contains Contains Contains Pots Contains

Landscape Details

Mark	Description	Clarke
1	For Riskew	0628/6
2	For Review	063036
3	Village Review Comments	081216

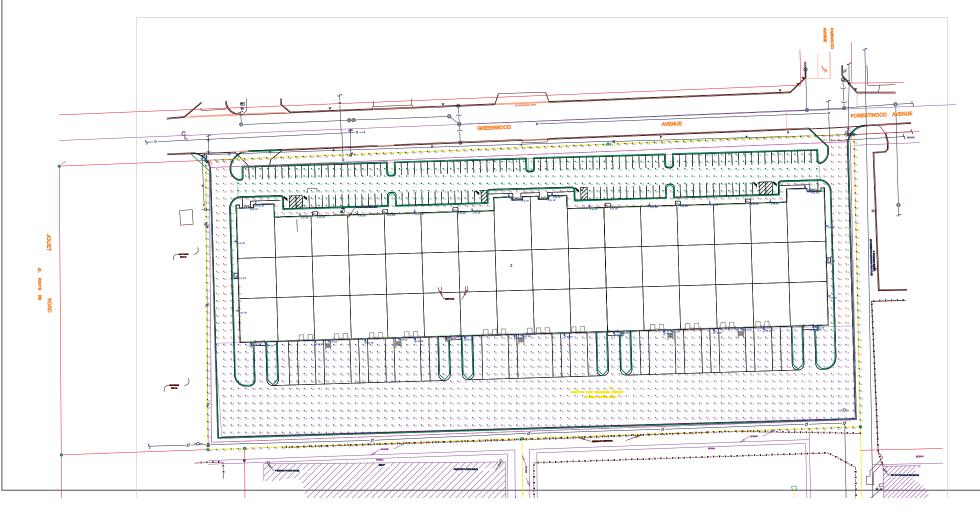
Number	
4524%	
Scare	
Not to Skale	

Sheet L2.0

Note

1. Must confirm site boundary.
2. Fixture height (above grade) shown with fixture label in drawing.
3. Drawing scaled to print on 48" X 36" sheet (ARCH E)

DEXD_LED_40 C_1000_SSK_ T2M_MVOLT3e 6 ô Ô E DEXD LED 40 C_1000_SOK_ TIS_MVOLT.ie



DCT - 5 Greenwood Romeoville, IL LED Wall Mount Ske Lighting