

COMMITTEE OF THE WHOLE MEETING
No. 2014-09-2
TUESDAY, SEPTEMBER 16, 2014

6:30 P.M.

CALL TO ORDER

ROLL CALL

ADMINISTRATION

1. Redevelopment Agreement between Village of Glenwood and Mack Industries, LTD
2. Redevelopment Agreement between Village of Glenwood and Torres Allcorn Co., Inc.
3. Redevelopment Agreement between Village of Glenwood and Dutch American Foods
4. Acquisition/Offer for 760 Holbrook Road
5. Contract for Server Staff at Glenwoodie
6. Recommendation from the Finance Committee
7. Glenwood Industrial North Site Improvement Plans – Economic Development Administration (EDA) No. 06-01-05829
8. Request for Qualifications for SCADA System
9. Purchase of trees for replacement of removed Ash Trees at a cost not to exceed \$6,000.00
10. Approval to purchase License Plate Reader, Server and Installation at a cost not to exceed \$53,000.00

OPEN TO THE PUBLIC

Executive Closed Session under Section 2 (c) (1) Personnel and Section 2 (c) (5) Real Estate Acquisition and Section 2 (c) 11 Litigation

ADJOURNMENT

Sincerely,


Donna M. Gayden
Village Administrator

Posted and distributed 9/12/14

REDEVELOPMENT AGREEMENT

Between

VILLAGE OF GLENWOOD, COOK COUNTY, ILLINOIS

And

MACK INDUSTRIES, LTD

Dated as of September __, 2014

REDEVELOPMENT AGREEMENT

This redevelopment agreement (the "Agreement") is made and entered into as of the _____ day of September, 2014 by and between the **VILLAGE OF GLENWOOD**, an Illinois home rule municipality (the "village") and **MACK INDUSTRIES LTD.**, an Illinois Corporation, located at 16800 Oak Park Avenue, Tinley Park, Illinois, 60477 ("Developer"). (The Village and Developer are sometimes hereinafter referred to individually as a "Party" and collectively as the "Parties").

RECITALS

A. The Village has, pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.*, as amended (the "Act") the authority to approve redevelopment plans and projects for areas within its jurisdiction designated by the Village as blighted or conservation areas pursuant to the Act.

B. The Village has, in accordance with the Act, by Ordinances nos. 1991-14, 1991-15, and 1991-16, adopted a Redevelopment Plan and Project and designated the Redevelopment Project Area known as the Glenwood Industrial Park Redevelopment Project Area. These Ordinances were subsequently amended by: (1) Ordinances 1991-24, 1991-25 and 1991-26 (the "First Amendment"); (2) Ordinances 1992-3, 1992-4 and 1992-5 (the "Second Amendment"); (3) Ordinances 2011-25, 2011-26 and 2011-27 which removed certain property from the Glenwood Industrial Park Redevelopment Project Area (the "Third Amendment"); and Ordinances 2012-18, 2012-19, and 2012-20 which adopted a new budget and extended the term of the Glenwood Industrial Park Redevelopment Project Area by an additional 12 years to December 31, 2027, which is the December 31st of the year in which the payment of property tax increment funds will be made to the Village with respect to *ad valorem* taxes levied in the 35th calendar year (2026) after the year in which the Industrial Park Redevelopment Project Area was initially adopted (1991) (the "Fourth Amendment").

C. The Developer desires to obtain title to and develop properties identified by PINs 32-09-101-010-0000, 32-09-101-011-0000, 32-09-101-012-0000 32-09-101-013-0000 32-09-101-014-0000 and 32-09-101-015-0000 (which in combination shall be referred to herein as the "Subject Property") with 1 story metal buildings for lease to tenants.

D. The "Subject Property" is located in the Industrial Park Redevelopment Project Area.

E. The Village desires to assist in the Developer's acquisition and development of the Subject Property.

F. The corporate authorities of the Village, after due and careful consideration, have concluded that the redevelopment of the Subject Property will further the growth of the Village, facilitate the redevelopment of the Industrial Park Redevelopment Project Area and improve the environment of the Village, increase the assessed valuation of real estate situated within the Village; increase the economic activity within the Village; provide jobs to residents of the

Village; and otherwise be in the best interests of the Village by furthering health, safety, morals and welfare of its residents and taxpayers.

G. The Developer herein represents and warrants that its acquisition and development of the Subject Property requires economic assistance from the Village and that, but for the economic assistance contemplated herein, its acquisition and development of the Subject Property would not be economically viable at this time.

H. No shareholder, officer, director or employee of Developer is an elected official, officer or employee of the Village.

NOW, THEREFORE, in consideration of the foregoing and of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby agree as follows:

ARTICLE I
RECITALS PART OF AGREEMENT

1.1 Incorporation of Recitals. The recitations set forth in the foregoing recitals are material to this Agreement and are hereby incorporated into and made a part of this Agreement as though they were fully set forth in this Article I.

ARTICLE II
MUTUAL ASSISTANCE

2.1 Cooperation. The Parties agree to take such actions, including the execution and delivery of such documents, instruments, petitions and certifications (and, in the Village's case, the adoption of such ordinances and resolutions), as may be necessary or appropriate, from time to time, to carry out the terms, provisions and intent of this Agreement and to aid and assist each other in carrying out said terms, provisions and intent. Further, the Village agrees that it will not revoke or amend any ordinances or resolutions adopted by the Village relating to the Redevelopment Project Area, the Redevelopment Plan or this Agreement without the prior written consent of the Developer.

ARTICLE III
THE REDEVELOPMENT PROJECT

3.1 Redevelopment Project. The "Redevelopment Project" shall be defined as the Developer's acquisition of the Subject Property and its development with 7 metal one story buildings consisting of approximately 27,000 square feet of leasable space. A preliminary concept plan of the development is attached as Exhibit A. The buildings shall be served by Village sanitary sewer and Village water along with electric and natural gas utility service. The Development shall include on-site stormwater detention, if necessary, and the number of buildings and/or the square footage as shown on the concept plan may be reduced as necessary to accommodate the location of any necessary on-site stormwater detention.

ARTICLE IV
PROPERTY ACQUISITION

4.1 Acquisition. The Village shall use its best efforts to acquire the Subject Property at a purchase price that shall not exceed \$165,000.00. This Agreement shall be null and void if the Developer cannot acquire the Subject Property on or before February 27, 2015 or such later date as may be agreed upon by the Village and the Developer.

4.2 Coordination of Due Diligence. Developer shall, at its expense or by reimbursement to the Village, inspect and perform such evaluations and testing of the Subject Property and all conditions related to the Developer's proposed acquisition and development of the Subject Property as Developer deems necessary during the due diligence period in the Village's contract for the purchase of the property. As least three business days prior to the expiration of the Village's due diligence period as set forth on the Village's purchase contract, the Developer shall cause to be actually delivered to and received by the Village, the Developer's written statement indicating whether the Developer is willing to, or not willing to, accept legal title to the Subject Property.

4.3 Transfer to Developer. In the event the Developer advises the Village that it is willing to accept the transfer of title and ownership of the Subject Property from the Village pursuant to section 4.2, and the Village also finds that it is in its best interest to acquire the Subject Property, the Village shall close upon and acquire title to the Subject Property. Upon acquiring title to the Subject Property, the Village shall, as soon as reasonably possible thereafter, transfer the Subject Property to the Developer in return for the Developer's execution and delivery of the Note and Mortgage required by section 4.4. If the Developer has agreed to accept the title to the Subject Property pursuant to section 4.2, the Developer shall accept title to the Subject Property. The Developer shall be responsible for all title insurance costs, escrow fees, recording costs and title company fees and charges related to any transfer of the Subject Property from the Village to the Developer.

4.4 Note and Mortgage. In order to secure the Village's investment in the Subject Property and Developer's completion of the Redevelopment Project as required by this Agreement, the Developer, shall at the time it receives title to the Subject Property, execute and deliver to the Village the completed Note and Mortgage using the forms attached hereto as Exhibit B. The Note shall be in the amount of the Village's purchase price for the Subject Property and shall be payable in its entirety with interest calculated at an annual rate of 3% on a date which is two (2) years after the date title to the Subject Property is transferred to the Developer. The Developer shall provide the Village with a corporate resolution authorizing the execution of said Note and Mortgage by the individual executing said documents on behalf of the Developer. The Note shall be secured by the Mortgage and the Mortgage shall be recorded.

4.5 Potential Forgiveness of the Note and Mortgage. The Village shall waive its right to receive the payment under the Note and Mortgage and record a release of the mortgage against the Subject Property as soon as reasonably practical if prior to the payment due date of the Note, each and every one of the following conditions are met:

1. The Developer has completed the Redevelopment Project pursuant to the plans approved by the Village and has received an occupancy permits for all buildings; and
2. All property taxes due and owing for the Subject Property prior to the date the last occupancy permit has been issued have been paid.

The Village shall document its release and waiver of any payment due under the Note by a Resolution passed by the Village's Corporate authorities.

4.6 Developer's waiver of any right to challenge the validity of the Note and Mortgage.

The Developer, by executing the Note and Mortgage, represents and warrants to the Village that the Note and Mortgage are in all respects valid and enforceable against it and waives any claim or defense that either the Note or Mortgage is in any manner: (1) improper in form or in substance; (2) not enforceable against the Developer; and (3) further waives any claim that either the Note or Mortgage is contrary to any statute, law or regulation. In the event, Developer breaches the representation and warranty that it gives to the Village in this Section, Developer shall immediately pay the Village any and all unpaid amounts then due and owing the Village under the Note and Mortgage, notwithstanding the Developer's claim of invalidity.

ARTICLE V
WATER AND SANITARY SEWER

5.1 Extension of Village Water and Sanitary Sewer to the Subject Property.

After the Developer acquires title to the Subject Property, the Village shall extend Village water and Sanitary Sewer to the Holbrook boundary of the Property on or before August 1, 2015 in order to serve the Redevelopment Project. The Developer shall be responsible for sanitary sewer improvements and shall dedicate any storm sewer extension within the right of way or any available utility easement area to the Village upon completion.

ARTICLE VI
REQUIRED APPROVALS

6.1 Plan Approval. The Developer shall submit to the Village a complete permit application, with all required documentation including engineering, development and other required plans (the "Plans") for the Redevelopment Project to be constructed by the Developer. The Village shall review said application in accordance with all applicable ordinances, codes and regulations, and shall approve the application and Plans or provide a written description of the reasons that the application and/or the Plans have not been approved.

6.2 Construction Approval. Prior to commencing any work on the Redevelopment Project, the Developer shall obtain or cause its contractors to obtain all requisite governmental permits and approvals for such work and at such times as are required in accordance with Village

ordinances and codes as well as the requirements of any governmental body or agency having any having jurisdiction of any aspect of the Redevelopment Property. Until such requirements have been satisfied, the Developer or other entity shall have no right to proceed with site preparation or construction, and shall not be entitled to apply for or receive any occupancy permits.

ARTICLE VII
REDEVELOPMENT AND USE OF THE PROPERTY AND
CONSTRUCTION OF THE REDEVELOPMENT PROJECT

7.1 The Redevelopment Project. In order to further the development of the Redevelopment Project Area, the Developer proposes to perform the Redevelopment Project. The Parties agree that in furtherance of the objectives of the Redevelopment Project, the Subject Property shall be developed substantially in accordance with the objectives of the Redevelopment Project as it may be modified or revised from time to time as mutually agreed to by the Parties and as required by law

7.2 Construction of Redevelopment Project. The Developer shall commence construction of the Redevelopment Project no later than promptly after approval by the Village of Developer's Plans. The Developer agrees to cause construction of the Redevelopment Project to proceed in a timely manner and substantially in accordance with the objectives of the Redevelopment Project as it may be modified or revised from time to time pursuant to the Act. The Developer shall undertake or cause to be undertaken the Redevelopment Project in accordance with the Plans to be filed with, and approved by, the Village, and any other appropriate governmental or regulatory agency. The Developer shall expeditiously construct or cause to be constructed the Redevelopment Project in a good and workmanlike manner in accordance with all applicable federal, state and local laws, ordinances and regulations, including, but not limited to any applicable Illinois Prevailing Wage requirements.. The Developer shall not cause or permit any deviation from Village approved engineering and construction plans and specifications without the Village's prior consent or as may be otherwise permitted by zoning ordinances.

7.3 Indemnification. The Developer covenants and agrees to pay, at its expense, any and all claims, damages, demands, expenses, liabilities and losses resulting from the construction and development activities of the Developer, its agents, contractors and subcontractors with respect to the Redevelopment Project and to indemnify and save the Village and its officers, agents, employees, engineers and attorneys (the "Indemnitees") harmless of, from and against such claims, damages, demands, expenses, liabilities and losses. The Developer shall provide satisfactory proof of insurance covering such indemnity of the Village or, if it is self-insured, proof of adequate security for such indemnity.

7.4 No Liens. No mechanics' or other liens shall be established against the Redevelopment Project, the Subject Property, or any Village funds in connection with the Redevelopment Project for labor or materials furnished in connection with any acquisition, demolition, site preparation, construction, additions, modifications, improvements, repairs, renewals or replacements so made; provided, however, that the Developer shall not be in default hereunder if mechanics' or other liens are filed or established and the Developer contests in good

faith said mechanics' liens. In such event the mechanics' or other liens may remain undischarged and unsatisfied during the period of such contest and any appeal therefrom, Developer shall not be in violation of this Section if the Developer posts a bond or a letter of credit in an amount sufficient to cover any liens, and the Developer sends written notice to the Village advising of the type and amount of the security posted for such liens. In no event, however, shall the Developer allow the foreclosure of any mechanics' or other liens. The Developer shall pay in full any and all liens for which it is found liable.

7.5 Agreement to Pay Taxes. The Developer agrees that it shall pay all real estate tax bills for the Redevelopment Property promptly on or before the due date of such tax bills.

7.6 Completion of Redevelopment Project. The Developer agrees to pay any and all costs and expenses necessary for the timely and lien free completion of the Redevelopment Project, even if said costs and expenses exceed the project budget or any amendments thereto, and to indemnify and hold the Village and its officers, elected and appointed, employees, agents and attorneys harmless from and against any and all loss, damage, cost, expense, injury or liability the Village may suffer or incur in connection with the failure of the Developer to complete the Redevelopment Project, and to pay all attorneys' fees, costs and expenses the Village incurs in enforcing the obligations of the Developer under this Redevelopment Agreement, except to the extent that such claim arises from the Village's failure to comply with the terms of this Agreement. The Redevelopment Project shall be completed in all respects by the date that is two (2) years after the date title to the Subject Property is transferred to the Developer.

7.7 Village's Right to Monitor and Inspect Redevelopment Project Site.

In addition to any other rights specified in this Agreement with regard to the construction and maintenance of the Redevelopment Project, the Village shall have the right but not the obligation to inspect the construction site for the purpose of monitoring the progress of the Redevelopment Project. During such inspections, which may be made with reasonable advance notice and during normal business hours, Village representatives shall be allowed access to the site as necessary for the Village to determine whether the Redevelopment Project is proceeding in a timely manner and in compliance with all applicable laws, codes, ordinances and regulations, subject to limitations required by safety considerations. The rights set forth herein and the Village's exercise of said rights shall not be construed to relieve the Developer of its separate and independent obligations under this Agreement and under applicable Village codes, regulations and ordinances or as a waiver of any further rights of the Village regarding the construction and maintenance of the Redevelopment Project, including the right to require code compliance and issue stop work orders or violation notices.

ARTICLE VIII
PAYMENT AND REIMBURSEMENT OF
REDEVELOPMENT PROJECT COSTS

8.1 Definitions.

(a) For purposes of this Agreement, "Redevelopment Project Costs" shall mean and include all costs defined as "redevelopment project costs" in Section 11 74.4 3(q) of the Act (as now or thereafter provided) that are related to the Redevelopment Project and which are eligible for payment and reimbursement under the Act.

(b) Special Tax Allocation Fund ("the Fund") shall mean a fund created by the Village pursuant to the Act and shall refer to incremental revenue generated from the Industrial Park Redevelopment Project Area. **IT BEING UNDERSTOOD THAT THE VILLAGE'S OBLIGATIONS HEREUNDER SHALL NOT BE A GENERAL OBLIGATION OF THE VILLAGE BUT LIMITED OBLIGATIONS PAYABLE SOLELY FROM THE SPECIAL TAX ALLOCATION FUND FOR THE INDUSTRIAL PARK REDEVELOPMENT PROJECT AREA.** In the event the Special Tax Allocation Fund for the Redevelopment Project Area has insufficient funds to pay any portion of the amount due the Developer, the unpaid amounts shall only be paid, if at all, when sufficient funds are deposited into the Special Tax Allocation Fund for the Redevelopment Project Area.

8.2 Method of Payment/Amount..

(a) In addition to the Village's obligation as set forth in this Agreement, the Parties acknowledge that the development of the Subject Property as provided by this Redevelopment Project will be further assisted in part by the reimbursement to the Developer of a portion of the Developer's eligible Redevelopment Project Costs incurred as certified by the Village in an amount that shall not exceed \$_____.

(b) All the payments due to the Developer pursuant to this Agreement are contingent upon the Developer's continued ownership of the Subject Property, the Developer's payment of property taxes when due, and the Developer's completion of the Redevelopment Project.

(c) Developer shall not receive any reimbursement under this section until after October 1, 2015. However, the Village, in its discretion, reserves the right to make payments to the Developer prior to October 1, 2015.

(d) At no time shall the developer receive any interest on any amounts owed to it under this Agreement.

8.3 Certification of Redevelopment Project Costs.

The Developer shall apply for the issuance of a Certificate of Eligibility by submitting to the Village a written request for certification that describes in detail the cost item for which certification is sought (a "Certification Application"). Each Certification Application shall be accompanied by such bills, contracts, canceled checks evidencing payment, lien waivers, engineers and owner certificates or other evidence that the Village shall reasonably require to establish satisfactory completion of the work for which reimbursement is sought, payment of the cost, and that the cost constitutes a Redevelopment Project Cost under the provisions of this Agreement and the TIF Act.

The Village shall have the right to inspect any improvements for which a Certification Application has been submitted and to review the records of Developer and its contractors and sub-contractors which contain information reasonably necessary for the Village to evaluate whether a cost for which reimbursement is sought is a Redevelopment Project Cost and whether there has otherwise been compliance with the terms of this Agreement. Developer, to the maximum extent permitted by law and to the maximum extent that it has the authority to do so, shall cause any person having possession of information relating to a Certification Application to furnish the Village with information which the Village reasonably considers appropriate for its determination as to whether or not the Certification Application shall be approved.

If the Village determines that the costs for which reimbursement is requested in a Certification Application are eligible Redevelopment Project Costs and that there has otherwise been compliance with the provisions of this Agreement, as such provisions pertain to the Certification Application, the Village shall issue a written Certificate of Eligibility for the costs. In the event the Village determines that some, but not all, of the costs described in a Certification Application are eligible Redevelopment Project Costs, the Village shall, proceed to issue a Certificate of Eligibility for that portion of the costs described in the Certification Application which the Village determines constitute Redevelopment Project Costs and send a notice of disapproval as to those costs described in the Certification Application which the Village was unable to determine constitute eligible Redevelopment Project Costs. If the Village refuses to issue a Certificate of Eligibility as to all or a portion of the costs described in a Certification Application, Developer shall have the right to include such costs in a subsequent Certification Application unless the Village issues a determination that the costs cannot constitute Redevelopment Project Cost pursuant to the provisions of this Agreement or pursuant to any applicable law, ordinance, rule or regulation.

The Village shall have thirty-five (35) days after submission of the last required item containing information relating to a Certification Application or the submission of the Certification Application, whichever occurs last, to approve or disapprove a Certification Application and, if the Certification Application is approved, issue a Certificate of Eligibility. If the Certification Application is not approved, the Village shall identify specifically those items that it is not approving and shall issue a Certificate of Eligibility for all other items in the Certification Application.

The issuance of a Certificate of Eligibility by the Village shall not constitute approval of or acceptance of the work for which the cost was incurred that is covered by the Certificate of

Eligibility for the purpose of indicating that such work complies with the Village Requirements, including, but not limited to, codes, ordinances and regulations pertaining to the issuance of occupancy permits.

8.4 Village Accounting.

The Village shall maintain complete books and records showing deposits to and disbursements from the Special Tax Allocation Fund for the Redevelopment Project Area, which books and records shall be deemed complete if kept in accordance with generally accepted accounting principles as applied to Illinois municipalities and in accordance with the provisions of the Act. Such books and records shall be available for examination by the duly authorized officers or agents of the Developer during normal business hours upon request made not less than five (5) business days prior to the date of such examination. The Village shall maintain such books and records throughout the term of this Agreement and for four (4) years thereafter, all subject to the requirements of the Act.

8.5 Village's Right to Inspect Books and Records.

The Developer agrees that, up to two years after completion and approval of the Redevelopment Project, the Village, with reasonable advance notice and during normal business hours, shall have the right and authority to review, audit, and copy, from time to time, the Developer's books and records relating to the Redevelopment Project funded by the Village hereunder (including the following, if any: all loan statements, general contractor's sworn statements, general contracts, subcontracts, material purchase orders, waivers of lien, paid receipts and invoices) in order to confirm that reimbursement is being made for Redevelopment Project Costs or other purposes permitted under the Act.

**ARTICLE IX
GENERAL PROVISIONS**

9.1 Time of Essence

Time is of the essence of this Agreement. The Parties will make every reasonable effort to expedite the subject matters hereof and acknowledge that the successful performance of this Agreement requires their continued cooperation.

9.2 Default.

(a) A Party shall be deemed in default under this Agreement (which shall be deemed a breach hereunder) if such Party fails to materially perform, observe or comply with any of its covenants, agreements or obligations hereunder or breaches or violates any of its representations contained in this Agreement.

(b) Before any failure of any Party to this Agreement to perform its obligations under this Agreement shall be deemed to be a breach of this Agreement, the Party claiming such failure shall notify, in writing, the Party alleged to have failed to perform of the alleged failure and shall demand performance. No breach of this Agreement may be found to have occurred if performance has commenced to the reasonable satisfaction of the complaining Party within thirty (30) days of the receipt of such notice. Upon a breach of this Agreement, the non defaulting Party, in any court of competent jurisdiction, by an action or proceeding at law or in equity, may secure the specific performance of the covenants and agreements herein contained, or may be awarded damages for failure of performance. Except as otherwise set forth herein, no action taken by a Party pursuant to the provisions of this Section or pursuant to the provisions of any other Section of this Agreement shall be deemed to constitute an election of remedies and all remedies set forth in this Agreement shall be cumulative and non exclusive of any other remedy either set forth herein or available to any Party at law or in equity.

9.3 Amendment. This Agreement, and any exhibits attached hereto, may be amended only by the mutual agreement of the Parties evidenced by a written amendment, by the adoption of an ordinance, resolution or motion of the Village approving such written amendment, as provided by law, and by the execution of such written amendment by the Parties or their successors in interest.

9.4 Entire Agreement. This Agreement sets forth all agreements, understandings and covenants between and among the Parties relative to the matters herein contained. This Agreement supersedes all prior written agreements, negotiations and understandings, written and oral, and shall be deemed a full integration of the entire agreement of the Parties.

9.5 Severability. If any provision, covenant, agreement or portion of this Agreement, or its application to any person, entity or property, is held invalid, such invalidity shall not affect the application or validity of any other provisions, covenants, agreements or portions of this Agreement and, to that end, all provisions, covenants, agreements or portions of this Agreement are declared to be severable.

9.6 Illinois Law. This Agreement shall be construed its accordance with the laws of the State of Illinois.

9.7 Notice. Any notice to be given or served hereunder or under any document or instrument executed pursuant hereto shall be in writing and shall be (i) delivered personally, with a receipt requested therefor; or (ii) sent by telecopy facsimile; or (iii) sent by a nationally recognized overnight courier service; or (iv) delivered by United States registered or certified mail, return receipt requested, postage prepaid. All notices shall be addressed to the Parties at their respective addresses set forth below, and shall be effective (a) upon receipt or refusal if delivered personally or by telecopy facsimile; (b) one (1) business day after depositing with such an overnight courier service or (c) four (4) business days after deposit in the United States mails, if mailed. A Party may change its address for receipt of notices by service of a notice of such change in accordance with this Section. All notices by telecopy facsimile shall be subsequently confirmed by U.S. certified or registered man, return receipt requested.

If to the Village:

Village of Glenwood
One Asselborn Way
Glenwood, IL 60425

with a copy to:

John F. Donahue
Rosenthal, Murphey & Coblentz
30 South LaSalle, Suite 2624
Chicago, IL 60602

If to the Developer:

Mack Industries LTD.
16800 Oak Park Avenue
Tinley Park, Illinois, 60477

with a copy to:

9.8 Assignment. Prior to the completion of the Redevelopment Project, as evidenced by the delivery and approval of the Certificate of Completion, the Developer agrees that it shall not sell, assign or otherwise transfer its rights and obligations under this Agreement other than to an entity having common ownership with the Developer.

9.9 Successors and Assigns. The agreements, undertakings, rights, benefits and privileges set forth in this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors, assigns and legal representatives (including successor Corporate Authorities) as limited by section 9.8.

9.10 Term of Agreement. The term of this Agreement shall commence on the date first above written and shall terminate upon the earlier of the following: (1) the completion of the Redevelopment Project and the reimbursement of all amounts due the Developer for which a Certificate of Eligibility has been issued by the Village, or (2) the termination of the Industrial Park Redevelopment Project Area pursuant to the terms of the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et.seq.* or upon the termination of this Agreement as result of a default or the operation of any other provision herein. .

9.11 Interpretations. This Agreement has been jointly negotiated by the Parties and shall not be construed against a Party because that Party may have primarily assumed responsibility for the drafting of this Agreement.

9.12 Exhibits. All exhibits attached hereto are declared to be a part of this Agreement and are incorporated herein by this reference.

IN WITNESS WHEREOF, the Parties have duly executed this Agreement pursuant to all requisite authorizations as of the date first above written.

| | |
|--|---|
| <p>VILLAGE OF GLENWOOD One Asselborn Way Glenwood, IL. 60425</p> <p>By: _____ Kerry Durkin Village President</p> <p>Date: _____</p> | <p>MACK INDUSTRIES LTD. 16800 Oak Park Avenue Tinley Park, Illinois, 60477</p> <p>By: _____</p> <p>Its: _____</p> <p>Date: _____</p> |
| <p>ATTEST</p> <p>_____</p> <p>Ernestine Dobbins Village Clerk Glenwood</p> | <p>ATTEST</p> <p>_____</p> <p>Its: Corporate Secretary</p> |

STATE OF ILLINOIS)
) ss.
 COUNTY OF COOK)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____ and _____, personally known to me to respectively be the President and Secretary of Mack Industries LTD, an Illinois corporation, executed the forgoing Redevelopment Agreement as the free and voluntary act of Mack Industries LTD for the uses and purposes therein set forth.

Given under my hand and official seal
 and sworn to before me this _____ day
 of _____, 2014.

 Notary Public

EXHIBIT A
DEVELOPER'S CONCEPT PLAN

EXHIBIT B
FORM OF MORTGAGE AND NOTE

Prepared by and after recording
Return to:
John Donahue
Rosenthal, Murphey, Coblenz &
Donahue
30 N. LaSalle, Suite 1624
Chicago, IL 60602

MORTGAGE

Dated: TBD _____

THIS INDENTURE WITNESSETH:

That the undersigned mortgagor, **Mack Industries LTD** ("Mortgagor"), an Illinois Corporation located at 16800 Oak Park Avenue, Tinley Park, Illinois 60477 does hereby mortgage and warrant to the Village of Glenwood, a municipal corporation under the Constitution and laws of the State of Illinois of One Asselborn Way, Glenwood, Cook County, Illinois, 60425, ("Mortgagee"), the following described Real Estate as set forth in Exhibit 1 (hereinafter "Property," "Real Estate," or "Premises"), situated in Cook County, Illinois:

Together with all buildings, improvements, fixtures, or appurtenances now or to be erected on the Property, which are declared to be a part of the Real Estate whether physically attached to it or not; and also together with all easements and the rents, issues, and profits of the Premises that are hereby pledged, assigned, and transferred to Mortgagee, whether now due or to become due under or by virtue of any lease or agreement for the use or occupancy of the Property or any part of it, whether such lease or agreement is written or verbal and whether it is now or may be hereafter existing;

To have and hold the Property, with the buildings, improvements, fixtures, appurtenances, apparatus, and equipment unto Mortgagee forever, for the uses herein set forth, free from all rights and benefits under the Homestead Exemption Laws of Illinois, which rights and benefits Mortgagor does hereby release and waive. On payment of the obligation hereby secured, and performance of all obligations under this Mortgage and the Note secured by this Mortgage, the Note shall be marked paid and delivered to the maker or the maker's successor, together with this Mortgage duly canceled and a release deed thereof executed.

This Mortgage is given by **Mack Industries LTD** ("Mortgagor") to the Village of Glenwood ("Mortgagee") to secure (a) the payment of a certain indebtedness from Mortgagor to

Mortgagee evidenced by a Note made by Mortgagor in favor of Mortgagee bearing even date herewith in the principal sum of _____ Dollars (\$ _____), that is payable as provided in the Note, and on any additional advances made by Mortgagee to Mortgagor or Mortgagor's successors; (b) the performance of the other agreements in the Note, which note is hereby incorporated herein and made a part hereof; and (c) any future advances as herein provided, and to secure the performance of Mortgagor's covenants and agreements contained in this Mortgage. A copy of the Note is attached hereto as Exhibit 2.

SECTION ONE. PAYMENT OF PRINCIPAL AND INTEREST; TAXES; INSURANCE.

Mortgagor Covenants as Follows:

(A) To pay the indebtedness and the interest thereon as herein and in the Note provided, or according to any agreement extending the time of payment thereof, and to pay when due and before any penalty attaches all taxes, special taxes, special assessments, insurance premiums, water charges, sewer service charges against the Property (including those previously due), and to furnish Mortgagee on request, duplicate receipts therefore and all such items extended against the Property shall be conclusively deemed valid for the purposes of this requirement;

(B) To keep the improvements now or hereafter on the Premises insured against damage by fire, windstorm, and such other hazards or liability as Mortgagee may require to be insured against, until the indebtedness is fully paid, or in case of foreclosure, until the expiration of the period of redemption, for the full and insurable value thereof, in such companies and in such form as shall be satisfactory to Mortgagee; and in case of loss under the policies, Mortgagee is authorized to adjust, collect, and compromise, in its discretion, all claims under them, and Mortgagor agrees to sign, on demand, all receipts, vouchers, releases, checks, and drafts required of Mortgagor to be signed by insurance companies. Mortgagee shall be named as a loss payee on the Mortgagor's property insurance. Mortgagee is authorized in its discretion to apply the proceeds of any insurance claim to the indebtedness hereby secured, to a restoration of the Property, or to the discharge of any obligation insured against, but payments shall continue to be made by Mortgagor when due until the indebtedness is paid in full. Mortgagor hereby appoints any officer of Mortgagee as Mortgagor's attorney in fact to receipt for and endorse in the name of Mortgagor or Mortgagor's successor in title all checks and drafts received in payment of any casualty loss;

(C) Immediately after destruction or damage, to commence and properly complete the rebuilding or restoration of buildings and improvements now or hereafter on the Premises unless Mortgagee elects to apply on the indebtedness secured hereby the proceeds of any insurance covering the destruction or damage;

(D) To keep the Premises in good condition and repair without waste, and free from any mechanic's or other lien or claim of lien not expressly subordinated to the lien of this Mortgage;

(E) Not to suffer or permit any unlawful use of or nuisance to exist on the Property nor to diminish nor impair its value by any act or omission to act;

(F) To comply with all requirements of law with respect to the Mortgaged Premises and their use;

(G) Not to suffer or permit, without the prior written permission of Mortgagee, (1) any use of the Property for any purpose other than that for which it is now used, (2) any alterations, additions, demolition, removal, or sale of any improvements, apparatus, appurtenances, fixtures, or equipment now or hereafter on the Property, (3) a purchase on conditional sale, lease, or agreements under which title is reserved in the vendor, of any apparatus, fixtures, or equipment to be placed in or on any buildings or improvements on the Property;

(H) To complete within a reasonable time any buildings or improvements now or at any time in the process of erection on the Premises, in accordance with the plans and specifications furnished to Mortgagee by Mortgagor. In the event of the failure of Mortgagor to do so, Mortgagee at its option may complete the buildings or improvements and the amount expended therefore shall be so much additional indebtedness secured hereby;

(I) To appear in and defend any proceeding that in the opinion of Mortgagee affects its security under this mortgage, and to pay all costs, expenses, and attorney fees incurred or paid by mortgagee in any proceeding in which it may be made a party defendant by reason of this Mortgage;

(J) That Mortgagor will not convey or cause to be conveyed Mortgagor's equity of redemption in and to the Real Estate above described, without the prior written consent of Mortgagee;

(K) that whenever Mortgagor fails to procure and deliver to Mortgagee a renewal insurance policy to protect against the hazards enumerated above not less than 60 days before the expiration date of the policy, Mortgagee is authorized to procure the renewal policy of insurance and the premium therefor, and shall be paid by Mortgagor on demand; and

(L) Mortgagee shall have the right to inspect the Premises at all reasonable times and access shall be permitted for that purpose.

SECTION TWO. PROTECTION OF LIEN. Mortgagor Further Covenants:

That in the case of failure to perform any of the covenants in this Mortgage, Mortgagee may do on Mortgagor's behalf everything so covenanted; Mortgagee may also do any act it may deem necessary to protect the lien hereof. Mortgagor will repay on demand any money paid or disbursed by Mortgagee for any of the above purposes and such money, together with interest thereon at a rate of five percent (5%) per annum above the interest rate then payable on the indebtedness shall become so much additional indebtedness hereby secured, and if not so repaid, may be included in any decree foreclosing this Mortgage and be paid out of the rents or proceeds of sale of the Premises if not otherwise paid. Mortgagee need not inquire into the validity of any lien, encumbrance, or claim in advancing money as above authorized, but nothing herein contained shall be construed as requiring Mortgagee to advance any money for any purpose or do any act under this Mortgage. Mortgagee shall not incur any personal liability on

account of anything it may do or omit to do under this Mortgage. Except, absent exigent circumstances, Mortgagee shall not pay any mechanics' liens against the Property until it provides Mortgagor 15 calendar days written notice of its intent to do so. If within said 15 calendar day period, Mortgagor posts a bond or a letter of credit for the benefit of the Mortgagee in an amount sufficient to cover all mechanics' liens, then the Mortgagee shall refrain from paying any mechanics' lien so long as the bond or letter of credit remains in effect. In no event, however, shall the Mortgagor allow the foreclosure of any mechanics' liens.

SECTION THREE. SECURING PAYMENT OF NOTE.

It is the intent hereof to secure payment of the Note, whether the entire amount has been advanced to Mortgagor at the date hereof or at a later date, or having been advanced, is repaid in part and further advances made at a later date.

SECTION FOUR. ASSUMPTION OF DEBT.

Except as prohibited by law, the undersigned agrees that in the event the Real Estate described herein is sold or conveyed to any person other than the undersigned, then the Note secured by this Mortgage shall become at once due and payable, anything herein contained to the contrary notwithstanding.

SECTION FIVE. SUCCESSOR IN INTEREST.

In the event of the ownership of the Property or any part of it becomes vested in a person other than Mortgagor, Mortgagee may, without notice to Mortgagor, deal with such successor or successors in interest with reference to this Mortgage and the debt hereby secured in the same manner as with Mortgagor, and may forbear to sue or may extend the time of payment of the debt hereby secured without discharging or in any way affecting the liability of Mortgagor under this Mortgage or on the debt secured by it.

SECTION SIX. TIME OF THE ESSENCE.

Time is of the essence. If default is made in performing any covenant herein or making any payment under the Note or obligation or any extension or renewal thereof, if proceedings are instituted to enforce any other lien or charge on or against any of the Property, on the filing of a proceeding in bankruptcy by or against any Mortgagor, if any Mortgagor makes an assignment for the benefit of Mortgagor's creditors or if Mortgagor's Property is placed under the control or in the custody of any court, if any Mortgagor abandons any of the Property or in the event of the transfer of, or agreement to transfer, any right, title, or interest in the Property or any part of it, or if any Mortgagor fails to complete within a reasonable time any building or buildings now or at any time in the process of erection on the Premises, then Mortgagee is hereby authorized and empowered at its option and without affecting the lien hereby created or the priority of the lien or any right of Mortgagee under this mortgage to declare, without notice all sums secured hereby immediately due and payable, whether or not the default is

remedied by Mortgagor, and to apply toward the payment of the Mortgage indebtedness any indebtedness of Mortgagee to Mortgagor, and Mortgagee may also immediately proceed to foreclose this Mortgage, and then any foreclosure sale may be made of the Premises in mass without offering the several part separately. In the event that the ownership of the Property or any part of it becomes vested in a person other than Mortgagor and any part of the sum secured hereby remains unpaid, and in the further event that Mortgagee does not elect to declare such sums immediately due and payable, Mortgagor shall pay a reasonable fee to Mortgagee to cover the cost of amending the records of Mortgagee to show the change of ownership.

SECTION SEVEN. FORECLOSURE.

On the commencement of any foreclosure, the court in which the complaint is filed may at any time either before or after sale and without notice to Mortgagor or any party claiming under Mortgagor, and without regard to the then value of the Premises, or whether the same is occupied by the owner of the equity of redemption as a homestead, appoint a receiver with power to manage and rent and to collect the rent, issues, and profits of the Premises during the pendency of the foreclosure suit. During the statutory period of redemption, such rents, issues, and profits, when collected, may be applied before as well as after the sheriff's or magistrate's sale, toward the payment of the indebtedness, cost, taxes, insurance, or other items necessary for the protection and preservation of the Property, including the expenses of the receivership, or on any deficiency decree whether there is a decree therefore in personam or not, and if the receiver is appointed the receiver shall remain in possession until the expiration of the full period allowed by the statute for redemption, whether there is a redemption or not, and until the issuance of a deed in case of a sale, but, if no deed is issued, until the expiration of the statutory period during which it may be issued. No lease of the Premises shall be nullified by the appointment or entry in possession of a receiver, but the receiver may elect to terminate any lease junior to the lien of this Mortgage. On the foreclosure of the Premises, there shall be allowed and included as an additional indebtedness in the decree of sale, all expenditures and expenses together with interest thereon at the statutory rate which may be paid or incurred by or on behalf of Mortgagee for attorney fees, Mortgagee's fees, appraiser's fees, outlays for exhibits attached to pleadings, documentary and expert evidence, transcriber's fees, sheriff's and magistrate's fees and commissions, court costs, publication costs, and costs that may be estimated as to and include items to be expended after the entry of a decree of procuring all such abstracts of title, title searches, examinations and reports, guarantee policies, Torrens certificates, and similar data and assurances with respect to title as Mortgagee may reasonably deem necessary either to prosecute the suit or to evidence to bidders at any sale held pursuant to the decree the true title to or value of the Premises; all of which amounts, together with interest as herein provided, shall be immediately due and payable by Mortgagor in connection with: (A) any proceeding including probate or bankruptcy proceedings to which either party hereto shall be a party by reason of this Mortgage or the Note secured hereby; (B) preparations for the commencement of any suit for the foreclosure hereof after the accrual of the right to foreclosure, whether or not actually commenced; or (C) preparations for the defense of or intervention in any threatened or contemplated suit or proceeding that might affect the Premises or the security hereof, whether or not actually commenced. In the event of a foreclosure sale of the Premises, there first shall be paid out of the proceeds all of the above items, then the entire indebtedness whether due or payable by the terms hereof or not and the

interest thereon to the time of such sale, and the excess, if any, shall be paid to Mortgagor, and the purchaser shall not be obligated to see to the application of the purchase money.

SECTION EIGHT. CONDEMNATION.

In the event the mortgaged Property or any part of it is taken by condemnation, Mortgagee is hereby empowered to collect and receive all compensation that may be paid for any property taken or for damages to any property not taken by condemnation. All condemnation money so received shall be promptly applied by Mortgagee as it may elect to the immediate deduction of the indebtedness secured hereby or to the repair and restoration of any property so damaged.

SECTION NINE. REMEDIES CUMULATIVE.

Each right, power, and remedy herein conferred on Mortgagee is cumulative of every other right or remedy of Mortgagee, whether herein or by law conferred, and may be enforced concurrently. No waiver by Mortgagee of performance of any covenant herein or in the obligation contained shall thereafter in any manner affect the right of Mortgagee to require or enforce the performance of the same or any other of the covenants. Wherever the context requires, the masculine gender as used in this mortgage shall include the feminine, and the singular number shall include the plural. All rights and obligations under this Mortgage shall extend to and be binding on the respective heirs, executors, administrators, successors, and assigns of Mortgagor and successors and assigns of Mortgagee. The powers contained in this Mortgage may be exercised as often as the occasion therefore arises.

IN WITNESS WHEREOF, Mortgagor has signed and sealed this Mortgage the day and year first above written.

MORTGAGOR: Mack Industries LTD

By: _____

[insert printed name]

Its: _____

Date: _____

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____, personally known to me to be the same person whose name is subscribed to the foregoing Mortgage, appeared before me this day in person, and acknowledged that she/he signed, sealed and delivered the said instrument in her/his capacity as the _____ of **Mack Industries LTD** as the free and voluntary act of **Mack Industries LTD** for the uses and purposes therein set forth.

Given under my hand and official seal
and sworn to before me this ____ day
of _____, 2014.

Notary Public

EXHIBIT 1 TO THE MORTGAGE
(Legal Description and, PINs for the Real Estate)

[Legal to be inserted]

PINs: 32-09-101-010-0000, 32-09-101-011-0000, 32-09-101-012-0000 32-09-101-013-0000, 32-09-101-014-0000 and 32-09-101-015-0000

Common addresses:

EXHIBIT 2 TO MORTGAGE
(Promissory Note)

PROMISSORY NOTE

Not to exceed \$ _____
Glenwood, Illinois
Date: _____, 201__

For value received, **Mack Industries LTD** ("Mortgagor"), 16800 Oak Park Avenue, Tinley Park, Illinois 60477, promises to pay to the order of the Village of Glenwood ("Village"), \$ _____ (_____ Dollars) with interest on this note at the rate of 3% per year with interest computed always on the diminishing and unpaid principal balances of the debt, if any, evidenced by this instrument. All sums of principal and interest due shall be payable on _____, at the Village of Glenwood, One Asselborn Way, Glenwood, Illinois 60425, or at any other place the Village of Glenwood, any of its successors or assignees, may specify in writing.

The Mortgagor may pre-pay any portion of the principal at any time without any penalty.

This note is secured by a mortgage given under the same date as this instrument; and all persons to whom this instrument may come are referred to the mortgage for its effect on this Note and the application of the amounts paid pursuant to the mortgage, for the procuring of releases of Property from its lien on the indebtedness evidenced by this instrument.

The payments on this Note may be waived and released pursuant to the terms of a Redevelopment Agreement entered in to between the Village of Glenwood and **Mack Industries LTD** as of _____ and all persons to whom this instrument may come are referred to said Redevelopment Agreement for its effect on this Note and the Mortgage.

The Mortgagor waives demand, presentment for payment, protest, and notice of nonpayment and of dishonor. The Mortgagor agrees to pay a reasonable attorney's fee, including reasonable appellate court fees, if any, if this note is placed in the hands of an attorney for collection after default.

Mack Industries LTD

By: _____

[insert printed name]

Its:

Date: _____, 201__

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____, personally known to me to be the same person whose name is subscribed to the foregoing Promissory Note appeared before me this day in person, and acknowledged that he signed, sealed and delivered the said instrument as the _____ of **Mack Industries LTD**, an Illinois corporation as the free and voluntary act of **Mack Industries LTD** for the uses and purposes therein set forth.

Given under my hand and official seal
and sworn to before me this ____ day
of _____, 201__.

Notary Public

REDEVELOPMENT AGREEMENT

Between

VILLAGE OF GLENWOOD, COOK COUNTY, ILLINOIS

And

TORRES ALLCORN CO. INC.

Dated as of September __, 2014

REDEVELOPMENT AGREEMENT

This redevelopment agreement (the "Agreement") is made and entered into as of the ___st day of September, 2014 by and between the **VILLAGE OF GLENWOOD**, an Illinois home rule municipality (the "village") and **TORRES ALLCORN CO. INC.** An Illinois Corporation, located at 18529 Lynn Court, Homewood, IL 60430 ("Developer"). (The Village and Developer are sometimes hereinafter referred to individually as a "Party" and collectively as the "Parties").

RECITALS

A. The Village has, pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.*, as amended (the "Act") the authority to approve redevelopment plans and projects for areas within its jurisdiction designated by the Village as blighted or conservation areas pursuant to the Act.

B. The Village has, in accordance with the Act, by Ordinances nos. 1991-14, 1991-15, and 1991-16, adopted a Redevelopment Plan and Project and designated the Redevelopment Project Area known as the Glenwood Industrial Park Redevelopment Project Area. These Ordinances were subsequently amended by: (1) Ordinances 1991-24, 1991-25 and 1991-26 (the "First Amendment"); (2) Ordinances 1992-3, 1992-4 and 1992-5 (the "Second Amendment"); (3) Ordinances 2011-25, 2011-26 and 2011-27 which removed certain property from the Glenwood Industrial Park Redevelopment Project Area (the "Third Amendment"); and Ordinances 2012-18, 2012-19, and 2012-20 which adopted a new budget and extended the term of the Glenwood Industrial Park Redevelopment Project Area by an additional 12 years to December 31, 2027, which is the December 31st of the year in which the payment of property tax increment funds will be made to the Village with respect to *ad valorem* taxes levied in the 35th calendar year (2026) after the year in which the Industrial Park Redevelopment Project Area was initially adopted (1991) (the "Fourth Amendment").

C. The Developer desires to purchase the property identified by PIN 32-09-101-031-0000 (the "Subject Property") and desires to remodel and renovate the Subject Property and thereafter use and operate the Subject Property as a tortilla baking and distribution center.

D. The "Subject Property" is located in the Industrial Park Redevelopment Project Area.

E. The Developer and the Village desire to enter into this Redevelopment Agreement in order to allow for reimbursement for a portion of the Developer's costs related to its renovation and remodeling of the Subject Property so that the Subject Property can be used for a tortilla baking and distribution center.

F. The corporate authorities of the Village, after due and careful consideration, have concluded that the redevelopment of the Subject Property will further the growth of the Village, facilitate the redevelopment of the Industrial Park Redevelopment Project Area and improve the environment of the Village, increase the assessed valuation of real estate situated within the Village; increase the economic activity within the Village; provide jobs to residents of the

Village; and otherwise be in the best interests of the Village by furthering health, safety, morals and welfare of its residents and taxpayers.

G. The Developer herein represents and warrants that its renovation and remodeling of the Subject Property requires economic assistance from the Village and that, but for the economic assistance contemplate herein, its renovation and remodeling of the Subject Property would not be economically viable at this time.

H. No shareholder, officer, director or employee of Developer is an elected official, officer or employee of the Village.

NOW, THEREFORE, in consideration of the foregoing and of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby agree as follows:

ARTICLE I
RECITALS PART OF AGREEMENT

1.1 **Incorporation of Recitals.** The recitations set forth in the foregoing recitals are material to this Agreement and are hereby incorporated into and made a part of this Agreement as though they were fully set forth in this Article I.

ARTICLE II
MUTUAL ASSISTANCE

2.1 **Cooperation.** The Parties agree to take such actions, including the execution and delivery of such documents, instruments, petitions and certifications (and, in the Village's case, the adoption of such ordinances and resolutions), as may be necessary or appropriate, from time to time, to carry out the terms, provisions and intent of this Agreement and to aid and assist each other in carrying out said terms, provisions and intent. Further, the Village agrees that it will not revoke or amend any ordinances or resolutions adopted by the Village relating to the Redevelopment Project Area, the Redevelopment Plan or this Agreement without the prior written consent of the Developer.

ARTICLE III
REQUIRED APPROVALS

3.1 **Plan Approval.** The Developer shall submit to the Village a complete permit application, with all required documentation including engineering, development and other required plans (the "Plans") for the Redevelopment Project to be constructed by the Developer. The Village shall review said application in accordance with all applicable ordinances, codes and regulations, and shall approve the application and Plans or provide a written description of the reasons that the application and/or the Plans have not been approved.

3.2 **Construction Approval.** Prior to commencing any work on the Redevelopment Project, the Developer shall obtain or cause its contractors to obtain all requisite governmental permits and approvals for such work and at such times as are required in accordance with Village ordinances and codes as well as the requirements of any governmental body or agency having

any having jurisdiction of any aspect of the Redevelopment Property. Until such requirements have been satisfied, the Developer or other entity shall have no right to proceed with site preparation or construction, and shall not be entitled to apply for or receive any occupancy permits.

ARTICLE IV
REDEVELOPMENT AND USE OF THE PROPERTY AND
CONSTRUCTION OF THE REDEVELOPMENT PROJECT

4.1 **The Redevelopment Project.** In order to further the development of the Redevelopment Project Area, the Developer proposes to perform the Redevelopment Project described in Exhibit A and thereafter use and operate the Subject Property for a Tortilla baking and distribution center. The Parties agree that in furtherance of the objectives of the Redevelopment Project, the Redevelopment Property shall be developed substantially in accordance with the objectives of the Redevelopment Project as it may be modified or revised from time to time as mutually agreed to by the Parties and as required by law

4.2 **Construction of Redevelopment Project.** The Developer shall commence construction of the Redevelopment Project no later than promptly after approval by the Village of Developer's Plans. The Developer agrees to cause construction of the Redevelopment Project to proceed in a timely manner and substantially in accordance with the objectives of the Redevelopment Project as it may be modified or revised from time to time pursuant to the Act. The Developer shall undertake or cause to be undertaken the Redevelopment Project in accordance with the Plans to be filed with, and approved by, the Village, and any other appropriate governmental or regulatory agency. The Developer shall expeditiously construct or cause to be constructed the Redevelopment Project in a good and workmanlike manner in accordance with all applicable federal, state and local laws, ordinances and regulations, including, but not limited to any applicable Illinois Prevailing Wage requirements.. The Developer shall not cause or permit any deviation from Village-approved engineering and construction plans and specifications without the Village's prior consent or as may be otherwise permitted by zoning ordinances.

4.3 **Indemnification.** The Developer covenants and agrees to pay, at its expense, any and all claims, damages, demands, expenses, liabilities and losses resulting from the construction and development activities of the Developer, its agents, contractors and subcontractors with respect to the Redevelopment Project and to indemnify and save the Village and its officers, agents, employees, engineers and attorneys (the "Indemnitees") harmless of, from and against such claims, damages, demands, expenses, liabilities and losses. The Developer shall provide satisfactory proof of insurance covering such indemnity of the Village or, if it is self-insured, proof of adequate security for such indemnity.

4.4 **No Liens.** No mechanics' or other liens shall be established against the Redevelopment Project, the Subject Property, or any Village funds in connection with the Redevelopment Project for labor or materials furnished in connection with any acquisition, demolition, site preparation, construction, additions, modifications, improvements, repairs, renewals or replacements so made; provided, however, that the Developer shall not be in default hereunder if mechanics' or other liens are filed or established and the Developer contests in good

faith said mechanics' liens. In such event the mechanics' or other liens may remain undischarged and unsatisfied during the period of such contest and any appeal therefrom, Developer shall not be in violation of this Section if the Developer posts a bond or a letter of credit in an amount sufficient to cover any liens, and the Developer sends written notice to the Village advising of the type and amount of the security posted for such liens. In no event, however, shall the Developer allow the foreclosure of any mechanics' or other liens. The Developer shall pay in full any and all liens for which it is found liable.

4.5 **Agreement to Pay Taxes.** The Developer agrees that it shall pay all real estate tax bills for the Redevelopment Property promptly on or before the due date of such tax bills.

4.6 **Completion of Redevelopment Project.** The Developer agrees to pay any and all costs and expenses necessary for the timely and lien free completion of the Redevelopment Project, even if said costs and expenses exceed the project budget or any amendments thereto, and to indemnify and hold the Village and its officers, elected and appointed, employees, agents and attorneys harmless from and against any and all loss, damage, cost, expense, injury or liability the Village may suffer or incur in connection with the failure of the Developer to complete the Redevelopment Project, and to pay all attorneys' fees, costs and expenses the Village incurs in enforcing the obligations of the Developer under this Redevelopment Agreement, except to the extent that such claim arises from the Village's failure to comply with the terms of this Agreement.

4.7 **Village's Right to Monitor and Inspect Redevelopment Project Site.**

In addition to any other rights specified in this Agreement with regard to the construction and maintenance of the Redevelopment Project, the Village shall have the right but not the obligation to inspect the construction site for the purpose of monitoring the progress of the Redevelopment Project. During such inspections, which may be made with reasonable advance notice and during normal business hours, Village representatives shall be allowed access to the site as necessary for the Village to determine whether the Redevelopment Project is proceeding in a timely manner and in compliance with all applicable laws, codes, ordinances and regulations, subject to limitations required by safety considerations. The rights set forth herein and the Village's exercise of said rights shall not be construed to relieve the Developer of its separate and independent obligations under this Agreement and under applicable Village codes, regulations and ordinances or as a waiver of any further rights of the Village regarding the construction and maintenance of the Redevelopment Project, including the right to require code compliance and issue stop work orders or violation notices.

4.8 **Contingent Upon Developer's Purchase of the Subject Property.** This redevelopment Agreement shall in its entirety be contingent upon the Developer's purchase of the Subject Property. This Agreement shall be null and void if the Developer does not purchase the Subject Property on or before February 1, 2015.

ARTICLE V
PAYMENT AND REIMBURSEMENT OF
REDEVELOPMENT PROJECT COSTS

5.1 Definitions of Redevelopment Project Costs.

(a) For purposes of this Agreement, "Redevelopment Project Costs" shall mean and include all costs defined as "redevelopment project costs" in Section 11 74.4 3(q) of the Act (as now or thereafter provided) related to: (1) the purchase price paid by the Developer for the Developer's acquisition of the Subject Property and (2) the Eligible Redevelopment Project Costs for the remodeling and renovation of the existing structures located on the Subject Property for use as a tortilla baking and distribution center and which are eligible for payment and reimbursement under the Act and this Agreement. "Eligible Redevelopment Project Costs" shall mean those Redevelopment Project Costs that have received a certificate of eligibility pursuant to section 5.3.

(b) Special Tax Allocation Fund ("the Fund") shall mean a fund created by the Village pursuant to the Act and shall refer to incremental revenue generated from the Industrial Park Redevelopment Project Area. **IT BEING UNDERSTOOD THAT THE VILLAGE'S OBLIGATIONS HEREUNDER SHALL NOT BE A GENERAL OBLIGATION OF THE VILLAGE BUT LIMITED OBLIGATIONS PAYABLE SOLELY FROM THE SPECIAL TAX ALLOCATION FUND FOR THE INDUSTRIAL PARK REDEVELOPMENT PROJECT AREA.** In the event the Special Tax Allocation Fund for the Redevelopment Project Area has insufficient funds to pay any portion of the amount due the Developer, the unpaid amounts shall only be paid, if at all, when sufficient funds are deposited into the Special Tax Allocation Fund for the Redevelopment Project Area.

5.2 Incentives/Method of Payment.

(a) The Parties acknowledge that the development of the Subject Property as provided in the Redevelopment Project will be assisted in part by the reimbursement to the Developer of a portion of the Developer's eligible Redevelopment Project Costs incurred for the acquisition of the Subject Property and the renovation and remodeling of the structures on the Subject Property as certified by the Village. Subject to the terms of this Agreement, the Developer shall receive the following incentives:

(1) Reimbursement of the amount paid by the Developer for the purchase of the Subject Property in an amount that will not exceed \$75,000.00. This reimbursement incentive is contingent upon the Developer purchasing the Subject Property for a purchase price that is at least \$325,000.00. If the Developer purchases the Subject Property for an amount that is less than \$325,000.00, the maximum property acquisition reimbursement incentive shall be equal to 23% of the purchase price paid by the Developer for the Subject Property. The property acquisition incentive shall be payable within 30 days after the Developer receives an occupancy permit and begins the use of the Subject Property as a Tortilla baking and distribution center and receives the necessary certificate of eligibility pursuant to section 5.3.

(2) Reimbursement of the Developer's Eligible Redevelopment Project Costs for the renovation and remodeling of the existing structures on the Subject Property for use as a tortilla baking and distribution center in a maximum amount that shall not exceed the **lesser of either:** (1) 65% of the Developer's Eligible Redevelopment Project Costs incurred for the renovation and remodeling of the structures on the Subject Property as certified by the Village to the extent allowed by the Act; or (2) \$81,250.00. The Developer shall not receive any reimbursement for Eligible Redevelopment Project Costs for the renovation and remodeling of the existing structures on the Subject Property until after June 1, 2015. However, the Village, in its discretion, reserves the right to make payments to the Developer prior to June 1, 2015.

(b) All the payments due to the Developer pursuant to this Agreement are contingent upon the Developer's continued ownership of the Subject Property, the Developer's payment of property taxes when due, and the Developer's operation on the Subject Property of a tortilla baking and distribution center.

(c) At no time shall the developer receive any interest on any amounts owed to it under this Agreement.

5.3 Certification of Redevelopment Project Costs.

The Developer shall apply for the issuance of a Certificate of Eligibility by submitting to the Village a written request for certification that describes in detail the cost item for which certification is sought (a "Certification Application"). Each Certification Application shall be accompanied by such bills, contracts, canceled checks evidencing payment, lien waivers, engineers and owner certificates or other evidence that the Village shall reasonably require to establish satisfactory completion of the work for which reimbursement is sought, payment of the cost, and that the cost constitutes a Redevelopment Project Cost under the provisions of this Agreement and the TIF Act.

The Village shall have the right to inspect any improvements for which a Certification Application has been submitted and to review the records of Developer and its contractors and sub-contractors which contain information reasonably necessary for the Village to evaluate whether a cost for which reimbursement is sought is a Redevelopment Project Cost and whether there has otherwise been compliance with the terms of this Agreement. Developer, to the maximum extent permitted by law and to the maximum extent that it has the authority to do so, shall cause any person having possession of information relating to a Certification Application to furnish the Village with information which the Village reasonably considers appropriate for its determination as to whether or not the Certification Application shall be approved.

If the Village determines that the costs for which reimbursement is requested in a Certification Application are eligible Redevelopment Project Costs and that there has otherwise

been compliance with the provisions of this Agreement, as such provisions pertain to the Certification Application, the Village shall issue a written Certificate of Eligibility for the costs. In the event the Village determines that some, but not all, of the costs described in a Certification Application are eligible Redevelopment Project Costs, the Village shall, proceed to issue a Certificate of Eligibility for that portion of the costs described in the Certification Application which the Village determines constitute Redevelopment Project Costs and send a notice of disapproval as to those costs described in the Certification Application which the Village was unable to determine constitute eligible Redevelopment Project Costs. If the Village refuses to issue a Certificate of Eligibility as to all or a portion of the costs described in a Certification Application, Developer shall have the right to include such costs in a subsequent Certification Application unless the Village issues a determination that the costs cannot constitute Redevelopment Project Cost pursuant to the provisions of this Agreement or pursuant to any applicable law, ordinance, rule or regulation.

The Village shall have thirty-five (35) days after submission of the last required item containing information relating to a Certification Application or the submission of the Certification Application, whichever occurs last, to approve or disapprove a Certification Application and, if the Certification Application is approved, issue a Certificate of Eligibility. If the Certification Application is not approved, the Village shall identify specifically those items that it is not approving and shall issue a Certificate of Eligibility for all other items in the Certification Application.

The issuance of a Certificate of Eligibility by the Village shall not constitute approval of or acceptance of the work for which the cost was incurred that is covered by the Certificate of Eligibility for the purpose of indicating that such work complies with the Village Requirements, including, but not limited to, codes, ordinances and regulations pertaining to the issuance of occupancy permits.

5.4 Village Accounting.

The Village shall maintain complete books and records showing deposits to and disbursements from the Special Tax Allocation Fund for the Redevelopment Project Area, which books and records shall be deemed complete if kept in accordance with generally accepted accounting principles as applied to Illinois municipalities and in accordance with the provisions of the Act. Such books and records shall be available for examination by the duly authorized officers or agents of the Developer during normal business hours upon request made not less than five (5) business days prior to the date of such examination. The Village shall maintain such books and records throughout the term of this Agreement and for four (4) years thereafter, all subject to the requirements of the Act.

5.5 Village's Right to Inspect Books and Records.

The Developer agrees that, up to two years after completion and approval of the Redevelopment Project, the Village, with reasonable advance notice and during normal business hours, shall have the right and authority to review, audit, and copy, from time to time, the

Developer's books and records relating to the Redevelopment Project funded by the Village hereunder (including the following, if any: all loan statements, general contractor's sworn statements, general contracts, subcontracts, material purchase orders, waivers of lien, paid receipts and invoices) in order to confirm that reimbursement is being made for Redevelopment Project Costs or other purposes permitted under the Act.

ARTICLE VI GENERAL PROVISIONS

6.1 Time of Essence.

Time is of the essence of this Agreement. The Parties will make every reasonable effort to expedite the subject matters hereof and acknowledge that the successful performance of this Agreement requires their continued cooperation.

6.2 Default.

(a) A Party shall be deemed in default under this Agreement (which shall be deemed a breach hereunder) if such Party fails to materially perform, observe or comply with any of its covenants, agreements or obligations hereunder or breaches or violates any of its representations contained in this Agreement.

(b) Before any failure of any Party to this Agreement to perform its obligations under this Agreement shall be deemed to be a breach of this Agreement, the Party claiming such failure shall notify, in writing, the Party alleged to have failed to perform of the alleged failure and shall demand performance. No breach of this Agreement may be found to have occurred if performance has commenced to the reasonable satisfaction of the complaining Party within thirty (30) days of the receipt of such notice. Upon a breach of this Agreement, the non defaulting Party, in any court of competent jurisdiction, by an action or proceeding at law or in equity, may secure the specific performance of the covenants and agreements herein contained, or may be awarded damages for failure of performance. Except as otherwise set forth herein, no action taken by a Party pursuant to the provisions of this Section or pursuant to the provisions of any other Section of this Agreement shall be deemed to constitute an election of remedies and all remedies set forth in this Agreement shall be cumulative and non exclusive of any other remedy either set forth herein or available to any Party at law or in equity.

6.3 Amendment.

This Agreement, and any exhibits attached hereto, may be amended only by the mutual agreement of the Parties evidenced by a written amendment, by the adoption of an ordinance, resolution or motion of the Village approving such written amendment, as provided by law, and by the execution of such written amendment by the Parties or their successors in interest.

6.4 **Entire Agreement.** This Agreement sets forth all agreements, understandings and covenants between and among the Parties relative to the matters herein contained. This Agreement supersedes all prior written agreements, negotiations and understandings, written and oral, and shall be deemed a full integration of the entire agreement of the Parties.

6.5 **Severability.** If any provision, covenant, agreement or portion of this Agreement, or its application to any person, entity or property, is held invalid, such invalidity shall not affect the application or validity of any other provisions, covenants, agreements or portions of this Agreement and, to that end, all provisions, covenants, agreements or portions of this Agreement are declared to be severable.

6.6 **Illinois Law.** This Agreement shall be construed its accordance with the laws of the State of Illinois.

6.7 **Notice.** Any notice to be given or served hereunder or under any document or instrument executed pursuant hereto shall be in writing and shall be (i) delivered personally, with a receipt requested therefor; or (ii) sent by telecopy facsimile; or (iii) sent by a nationally recognized overnight courier service; or (iv) delivered by United States registered or certified mail, return receipt requested, postage prepaid. All notices shall be addressed to the Parties at their respective addresses set forth below, and shall be effective (a) upon receipt or refusal if delivered personally or by telecopy facsimile; (b) one (1) business day after depositing with such an overnight courier service or (c) four (4) business days after deposit in the United States mails, if mailed. A Party may change its address for receipt of notices by service of a notice of such change in accordance with this Section. All notices by telecopy facsimile shall be subsequently confirmed by U.S. certified or registered man, return receipt requested.

If to the Village:

Village of Glenwood
One Asselborn Way
Glenwood, IL 60425

with a copy to:

John F. Donahue
Rosenthal, Murphey & Coblentz
30 South LaSalle, Suite 2624
Chicago, IL 60602

If to the Developer:

Torres Allcorn Company, Inc.
18529 Lynn Court
Homewood, Illinois 60430

with a copy to:

Janet Schwieters
1395 Main Street
Crete, Illinois

6.8 **Assignment.** Prior to the completion of the Redevelopment Project, as evidenced by the delivery and approval of the Certificate of Completion, the Developer agrees that it shall not sell, assign or otherwise transfer its rights and obligations under this Agreement other than to an entity having common ownership with the Developer.

6.9 **Successors and Assigns.** The agreements, undertakings, rights, benefits and privileges set forth in this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors, assigns and legal representatives (including successor Corporate Authorities).

6.10 **Term of Agreement.** The term of this Agreement shall commence on the date first above written and shall terminate upon the earlier of the following: (1) the completion of the Redevelopment Project and the reimbursement of all amounts due the Developer for which a Certificate of Eligibility has been issued by the Village, or (2) the termination of the Industrial Park Redevelopment Project Area pursuant to the terms of the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* or upon the termination of this Agreement as result of a default or the operation of any other provision herein. .

6.11 **Interpretations.** This Agreement has been jointly negotiated by the Parties and shall not be construed against a Party because that Party may have primarily assumed responsibility for the drafting of this Agreement.

6.12 **Exhibits.** All exhibits attached hereto are declared to be a part of this Agreement and are incorporated herein by this reference.

IN WITNESS WHEREOF, the Parties have duly executed this Agreement pursuant to all requisite authorizations as of the date first above written.

| | |
|--|---|
| VILLAGE OF GLENWOOD One Asselborn Way Glenwood, IL 60425 By: _____ Kerry Durkin Village President Date: _____ | TORRES ALLCORN CO., INC. 18529 Lynn Court Homewood, Illinois 60430 By: _____ Its: _____ Date: _____ |
|--|---|

| | |
|---|---|
| <p>ATTEST</p> <p>_____</p> <p>Ernestine Dobbins Village Clerk Glenwood</p> | <p>ATTEST</p> <p>_____</p> <p>Its: Corporate Secretary</p> |
|---|---|

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____ and _____, personally known to me to respectively be the President and Secretary of Torres Allcorn Co., Inc., an Illinois corporation, executed the forgoing Redevelopment Agreement as the free and voluntary act of Torres Allcorn Co., Inc. for the uses and purposes therein set forth.

Given under my hand and official seal
and sworn to before me this _____ day
of _____, 2014.

Notary Public

EXHIBIT A

**DESCRIPTION OF DEVELOPER'S REDEVELOPMENT PROJECT AND
DEVELOPER'S ESTIMATED TOTAL PROJECT COSTS**

Purchase of the Subject Property described by PIN# 32-09-101-031-0000 and the, rehabilitation, reconstruction, repair and remodeling of the existing structure located on the Subject Property with permanent improvements for the construction of a tortilla baking and distribution center. The rehabilitation, reconstruction, repair and remodeling of the building on the property shall include, but may not necessarily be limited to the completion of the following items of work:

1. Build-out of the existing structures with permanent improvements necessary for a tortilla baking and distribution center.
2. Permanent HVAC improvements as needed
3. Permanent electrical improvements as needed.
4. Architect/Engineering costs for the renovation of the Subject Property

Developer's estimated Eligible Redevelopment Project Costs are set forth below:

| | |
|--|---------------|
| Property acquisition purchase price | \$ 325,000.00 |
| Costs for the rehabilitation, reconstruction, repair and remodeling of the existing structures located on the Subject Property | \$ 125,000.00 |

The Developer's estimates of Eligible Redevelopment Project Costs are not binding upon the Village. The Village shall make its determination of whether a particular expense is an Eligible Redevelopment Project Cost under the terms of this Agreement and the Tax Increment Allocation Redevelopment Act ("Act") upon receipt of the Developer's application to certify a cost as an Eligible Redevelopment Project Cost and any additional information that may be required.

No Certificate of Eligibility shall be issued for any expense which is not a Redevelopment Project Cost for purposes of the Act and which does not otherwise constitute a cost which the Village is authorized to pay pursuant to the Act and this Agreement. Developer shall only be entitled to be reimbursed pursuant to the Agreement for costs which constitute a Redevelopment Project Cost as defined in Section 11-74.4-3(q) of the Act.

Developer acknowledges and agrees that the actual cost of its improvements and expenses may exceed the amounts specified in this Exhibit and that Developer will not be entitled to any reimbursement that exceeds the maximum set forth in the Agreement.

VILLAGE OF GLENWOOD

ONE ASSELBORN WAY • GLENWOOD, ILLINOIS 60425

708.753.2400
708.753.2406 Fax



MAYOR
Kerry Durkin

CLERK
Ernestine T. Dobbins

TREASURER
Edwin Reichard

TRUSTEES
Terrence A. Campbell
Ronald Gardiner
Carmen Hopkins
Richard Nielsen
Anthony Plott
Paul Styles, Jr.

September 12, 2014

The Honorable Kerry Durkin
Board of Trustees
Village of Glenwood
One Asselborn Way
Glenwood, Illinois 60425

Re: SpyGlass Group, LLC

Dear Mayor Durkin and Trustees:

It is the recommendation of the Finance Committee to accept the services of SpyGlass Group, LLC. SpyGlass Group LLC, is a firm that will review the Village of Glenwood past telephone invoices for cost savings and reimbursements at no cost to the Village.

Sincerely,

Leon Moore
Finance Committee Chair

SpyGlass Snapshot Audit Agreement

This agreement, effective as of the later of the dates of signature below ("Effective Date"), is between Village of Glenwood ("Company"), and The SpyGlass Group, LLC, an Ohio limited liability company ("Auditor").

1. Primary Audit Services. Company is engaging Auditor as an independent contractor to analyze its primary telecommunications service accounts (local voice, long distance voice, data, Internet, and wireless) to seek cost recovery, service elimination and cost reduction recommendations. Auditor will deliver the recommendations to Company, implement recommendations that Company elects for Auditor to implement, and deliver a complete telecommunications inventory to Company.

While Auditor is performing its analysis, Company will not make changes or perform internal cost reduction analysis with respect to provider accounts which Company has included within the scope of Auditor's review.

2. Fees. Company will pay Auditor the applicable fee set forth below ONLY for Auditor recommendations implemented within twelve (12) months of Auditor delivering the recommendation to Company:

- 50% of any "Cost Recovery", as defined below
- 12 times any "Service Elimination Savings", as defined below
- 12 times any "Cost Reduction Savings", as defined below

"Cost Recovery" is any refund, credit or compensation received by Company relating to past services or charges.

"Service Elimination Savings" is any monthly cost reduction received by Company relating to cancellation of any service, including monthly usage cost reduction (calculated as the average of the last 2 months of usage costs associated with the cancelled service).

"Cost Reduction Savings" is any monthly cost reduction received by Company relating to the modification, consolidation or negotiation of any service, account or contract, including post discount usage rate improvement (calculated as the (a) decrease in post discount per unit pricing realized by Company for any service, times (b) the average of Company's last two (2) months usage levels measured in such units for the modified service).

3. Invoicing and Payment. Fees for Cost Recovery are due as a one-time payment within 10 days of verification that Company has been issued the refund, credit or compensation resulting in such fees. Fees for Service Elimination Savings and Cost Reduction Savings are due as a one-time payment within 10 days of verification that the cancellation or other activity resulting in the Service Elimination Savings or Cost Reduction Savings has been completed. Auditor may issue separate invoices as different fees are earned.

4. Miscellaneous. This agreement is governed by the laws of the State of Illinois, without regard to principles of conflicts of law, and may be executed by facsimile and simultaneously in multiple counterparts. Company agrees that Auditor does not warrant the overall performance, Company satisfaction, or data accuracy of any telecommunications related carrier, provider, software manufacturer or vendor at any time whatsoever during or after the term of this agreement. AUDITOR SHALL NOT BE LIABLE TO THE COMPANY FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR BUSINESS INTERRUPTION, WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT OR OTHERWISE, EVEN IF EITHER PARTY HAS BEEN WARNED OF THE POSSIBILITY OF ANY SUCH LOSS OR DAMAGE IN ADVANCE. IN ADDITION, IN NO EVENT SHALL AUDITOR'S LIABILITY TO COMPANY EXCEED THE FEES ACTUALLY PAID BY COMPANY TO AUDITOR.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the Effective Date.

COMPANY

AUDITOR

Village of Glenwood

The SpyGlass Group, LLC

Signature: _____

Signature: _____

Print Name: _____

Print Name: Edward M. DeAngelo

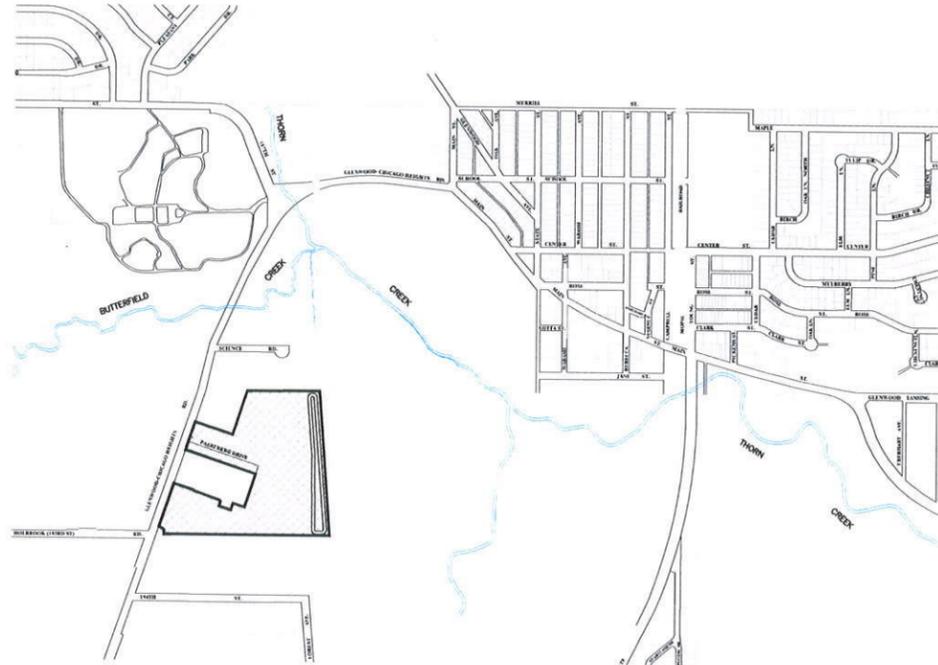
Date: _____

Date: _____

VILLAGE of GLENWOOD, ILLINOIS

GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS

ECONOMIC DEVELOPMENT ADMINISTRATION NO. 06-01-05829



LOCATION MAP

— INDICATES PROPOSED IMPROVEMENT

BENCHMARKS

GLENWOOD (060115)
SQUARE CUT ON SOUTHWEST CORNER OF CONCRETE BASE FOR FLAGPOLE AT THE NORTH-EAST CORNER OF CHICAGO HEIGHTS-GLENWOOD ROAD & HILBRICK ROAD, ON NORTH SIDE OF BITUMINOUS DRIVE TO NCGN GAS, N60D 29 E1/2 E33.23

GLENWOOD (060112)
SPINE NAIL IN WEST FACE OF 10000 POWER POLE ON EAST SIDE OF GLENWOOD-CHICAGO HEIGHTS ROAD, 7TH POWER POLE NORTH OF HILBRICK ROAD, 1ST POWER POLE NORTH OF NORTH ENTRANCE TO NCGN, N60D 29 E1/2 E33.23

INDEX OF SHEETS

- 01. COVER SHEET
- 02.-03. SUMMARY OF QUANTITIES
- 04. GENERAL NOTES
- 05.-06. EXISTING CONDITIONS & DEMOLITION PLAN
- 07.-08. GEOMETRIC & STRIPING PLAN
- 09.-10. SITE GRADING PLAN
- 11.-12. SITE UTILITY PLAN
- 13. SANITARY SEWER PROFILE
- 14. PLAN & PROFILE KEY MAP
- 15.-17. PLAN & PROFILES
- 18.-26. TRAFFIC SIGNAL PLANS
- 27.-28. STORMWATER POLLUTION PREVENTION PLAN
- 29. LIGHTING PLAN
- 30.-31. LIGHTING DETAILS
- 32.-35. CONSTRUCTION DETAILS

VILLAGE of GLENWOOD, ILLINOIS

APPROVED _____

KERRY DURKIN, MAYOR

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:



THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 28 THROUGH 30

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:



THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 1 THROUGH 16, SHEETS 26 THROUGH 27, SHEETS 31 THROUGH 34

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:



THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 17 THROUGH 25

VILLAGE REVIEW SET
- NOT FOR BID -

PREPARED BY:



PROJECT NO. 10-363.02

SHEET NO. 1 OF 35

10363_02-COVER-01 - 001

Call Before You Dig
JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
Call 811 OR 1-800-892-0123

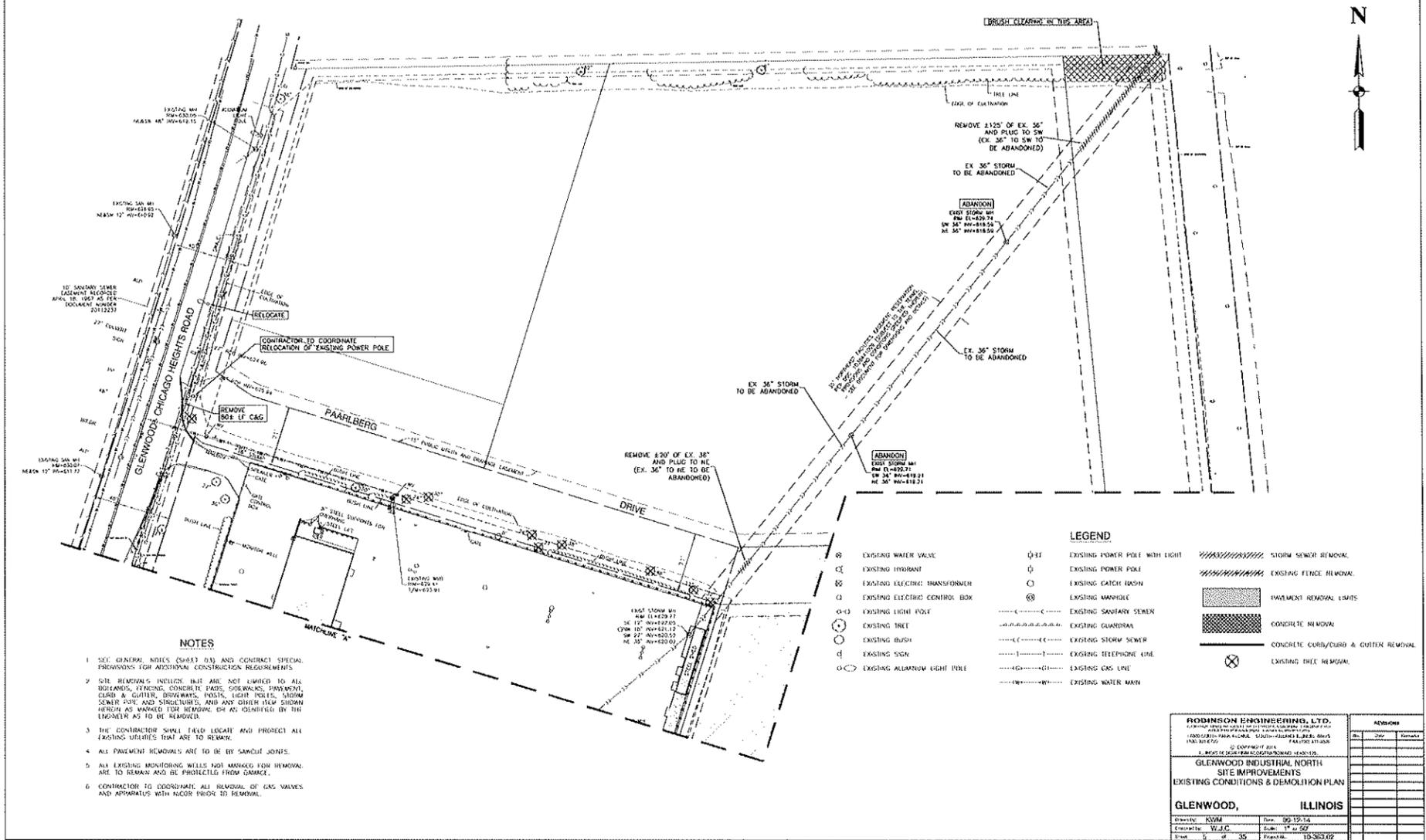
| NO. | ITEM DESCRIPTION | UNIT | TOTAL |
|-----|---|-------|-------|
| 1 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 319 |
| 2 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 829 |
| 3 | CHAIN LINK FENCE REMOVAL | FOOT | 1713 |
| 4 | CLEARING AND GRUBBING | ACRE | 0.5 |
| 5 | STORM SEWER REMOVAL | FOOT | 469 |
| 6 | PLUG EXISTING STORM SEWER | EACH | 2 |
| 7 | CONNECT TO EXISTING STORM SEWER | EACH | 2 |
| 8 | CATCH BASINS TO BE REMOVED | EACH | 7 |
| 9 | MANHOLES TO BE REMOVED | EACH | 3 |
| 10 | STRUCTURES TO BE ADJUSTED | EACH | 1 |
| 11 | BOLLARDS TO BE REMOVED, COMPLETE | EACH | 4 |
| 12 | PHONE BOX TO BE REMOVED, COMPLETE | EACH | 1 |
| 13 | GAS STANDPIPE TO BE REMOVED | EACH | 9 |
| 14 | LIGHT POLES TO BE REMOVED | EACH | 4 |
| 15 | ELECTRICAL BOX TO BE REMOVED | EACH | 1 |
| 16 | MONITORING WELL TO BE REMOVED | EACH | 1 |
| 17 | WOOD DECK TO BE REMOVED, COMPLETE | L SUM | 1 |
| 18 | CONCRETE REMOVAL (SPECIAL) | SO YD | 323 |
| 19 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 220 |
| 20 | CURB REMOVAL | FOOT | 310 |
| 21 | PAVEMENT REMOVAL | SO YD | 10420 |
| 22 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT | 1475 |
| 23 | AGGREGATE BASE COURSE, TYPE B 12" | SO YD | 2920 |
| 24 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 | TON | 740 |
| 25 | HOT-MIX ASPHALT SURFACE COURSE, MIX 70", H90 | TON | 495 |
| 26 | AGGREGATE BASE COURSE, TYPE B 10" | SO YD | 5340 |
| 27 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 750 |
| 28 | HOT-MIX ASPHALT SURFACE COURSE, MIX 70", N50 | TON | 450 |
| 29 | AGGREGATE BASE COURSE, TYPE B 6" | SO YD | 40410 |
| 30 | PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) | SO YD | 40410 |
| 31 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12" | FOOT | 1065 |
| 32 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15" | FOOT | 327 |
| 33 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18" | FOOT | 616 |
| 34 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24" | FOOT | 823 |
| 35 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30" | FOOT | 354 |
| 36 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36" | FOOT | 759 |
| 37 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 42" | FOOT | 320 |
| 38 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 48" | FOOT | 479 |
| 39 | CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID | EACH | 10 |
| 40 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 4 |
| 41 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 1 |
| 42 | CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 1 |
| 43 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 6 |
| 44 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 45 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 7 |
| 46 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 47 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 4 |
| 48 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 49 | RESTRICTOR MANHOLE, 6'-DIAMETER (COMPLETE) | EACH | 1 |
| 50 | END SECTIONS 15" | EACH | 1 |

| NO. | ITEM DESCRIPTION | UNIT | TOTAL |
|-----|--|-------|-------|
| 51 | END SECTIONS 18" | EACH | 1 |
| 52 | END SECTIONS 24" | EACH | 2 |
| 53 | END SECTIONS 42" | EACH | 1 |
| 54 | END SECTIONS 48" | EACH | 1 |
| 55 | TRENCH BACKFILL (STORM SEWER), CA-6 | CU YD | 3135 |
| 56 | PRECAST CONCRETE CAR BUMPER | EACH | 26 |
| 57 | PAINT PAVEMENT MARKING -- LINE 4" | FOOT | 12570 |
| 58 | PAINT PAVEMENT MARKING -- LINE 24" | FOOT | 31 |
| 59 | PAINT PAVEMENT MARKING -- LETTERS AND SYMBOLS | SO FT | 39 |
| 60 | SIGN PANEL -- TYPE 1 | SO FT | 14.25 |
| 61 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 60 |
| 62 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SO FT | 32700 |
| 63 | AGGREGATE BASE COURSE, TYPE B 4" | SO YD | 9 |
| 64 | CHAIN LINK FENCE, 6' | FOOT | 1031 |
| 65 | CHAIN LINK GATES, 6' X 8' SINGLE | EACH | 1 |
| 66 | CHAIN LINK GATES, 6' X 30' DOUBLE | EACH | 1 |
| 67 | TOPSOIL EXCAVATION | CY | 35000 |
| 68 | EARTH EXCAVATION | CU YD | 43010 |
| 69 | CCDD TESTING | L SUM | 1 |
| 70 | SEEDING, CLASS 1A | ACRE | 6 |
| 71 | CONCRETE DOLLY PADS (10" Thick with 6" x 6" W.W.F.) | SF | 9420 |
| 72 | TOPSOIL PLACEMENT | CU YD | 4600 |
| 73 | EROSION CONTROL BLANKET | SO YD | 27560 |
| 74 | AGGREGATE BASE COURSE, TYPE B 15" | SO YD | 17390 |
| 75 | GAS VALVES TO BE REMOVED | EACH | 2 |
| 76 | SIGN PANEL -- TYPE 2 | SO FT | 15 |
| 77 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA | FOOT | 10 |
| 78 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| 79 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 148 |
| 80 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 142 |
| 81 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 339 |
| 82 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C | FOOT | 148 |
| 83 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PWR | FOOT | 85 |
| 84 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 21 |
| 85 | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 |
| 86 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 10 |
| 87 | DRILL EXISTING HANDHOLE | EACH | 3 |
| 88 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 1 |
| 89 | SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 1 |
| 90 | SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED | EACH | 1 |
| 91 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 2 |
| 92 | INDUCTIVE LOOP DETECTOR | EACH | 1 |
| 93 | DETECTOR LOOP, TYPE 1 | FOOT | 135 |

| ROBINSON ENGINEERING, LTD. <small>INCORPORATED IN ILLINOIS</small> <small>1000 W. WASHINGTON ST., SUITE 200, GLENWOOD, ILLINOIS 60131</small> <small>TEL: 630-941-1100 FAX: 630-941-1101</small> | | REVISIONS <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | | NO. | DATE | DESCRIPTION | | | | | | | | | |
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| GLENWOOD, ILLINOIS <small>PROJECT NO. 10-00000001-01</small> GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS SUMMARY OF QUANTITIES | | <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | | NO. | DATE | DESCRIPTION | | | | | | | | | |
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| GLENWOOD, ILLINOIS <small>DESIGNED BY: RWM</small> <small>CHECKED BY: WJC</small> <small>DATE: 09-12-14</small> <small>SCALE: N.T.S.</small> | | <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | | NO. | DATE | DESCRIPTION | | | | | | | | | |
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| NO. | ITEM DESCRIPTION | UNIT | TOTAL |
|-----|---|-------|-------|
| 94 | LIGHT DETECTOR | EACH | 1 |
| 95 | MODIFY EXISTING CONTROLLER | EACH | 1 |
| 96 | DUCTILE IRON WATER MAIN, 12 INCH CLASS S2, WITH POLYETHYLENE ENCASEMENT, METHOD B | FOOT | 2405 |
| 97 | DUCTILE IRON FITTINGS | POUND | 2947 |
| 98 | 12" BUTTERFLY VALVE IN 5 FOOT DIA. VALVE VAULT, TYPE A, TYPE 1 FRAME, CLOSED LID | EACH | 3 |
| 99 | 8" X 8" TAPPING SLEEVE AND VALVE IN 5 FOOT DIA. VALVE VAULT, TYPE A, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 100 | FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE | EACH | 8 |
| 101 | SANITARY SEWER, PVC, SDR26, 8 INCH | FOOT | 731 |
| 102 | SANITARY SEWER MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, (0'-10' DEPTH) | EACH | 2 |
| 103 | SANITARY SEWER MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, (10'-20' DEPTH) | EACH | 1 |
| 104 | DROP MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, (10'-20' DEPTH) | EACH | 1 |
| 105 | 24 INCH DIAMETER STEEL SLEEVE, 0.375 INCH WALL THICKNESS, OPEN CUT | FOOT | 47 |
| 106 | 20 INCH DIAMETER STEEL SLEEVE, 0.344 INCH WALL THICKNESS, AUGERED | FOOT | 86 |
| 107 | TRENCH BACKFILL | CU YD | 530 |
| 108 | EXPLORATION TRENCH 42" DEPTH | FOOT | 100 |
| 109 | LIGHTING ELECTRICAL AND CONTROL SYSTEM | LSUM | 1 |
| 110 | LIGHTING UNIT, COMPLETE, DIAL | EACH | 5 |
| 111 | LIGHTING UNIT, COMPLETE, TRIPLE | EACH | 11 |
| 112 | REMOVAL OF LIGHTING UNIT, NO SALVAGE | EACH | 2 |
| 113 | ELECTRIC GATE | LSUM | 1 |
| 114 | ROLLER-COMPACTED CONCRETE, 8" (ALTERNATE - ADDITION/DEDUCTION) | SQ YD | 40410 |
| 115 | SCALE (ALTERNATE) | LSUM | 1 |
| 116 | PEDESTALS (ALTERNATE) | EACH | 33 |
| 117 | PEDESTAL POWER SYSTEM (ALTERNATE) | LSUM | 1 |

| | | | |
|--|--|--|--|
| ROBINSON ENGINEERING, LTD. <small>1100 SOUTH WASHINGTON AVENUE, SUITE 100, GLENWOOD, ILLINOIS 60135 (708) 351-1000 FAX (708) 351-1001</small> | | REVISIONS NO. DATE DESCRIPTION | |
| GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS SUMMARY OF QUANTITIES | | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 | |
| GLENWOOD, ILLINOIS DRAWN BY: RMM DATE: 09-12-14 CHECKED BY: W.J.C. DATE: N.T.S. SCALE: 3/8" = 1' PROJECT: 152583-00 | | | |



NOTES

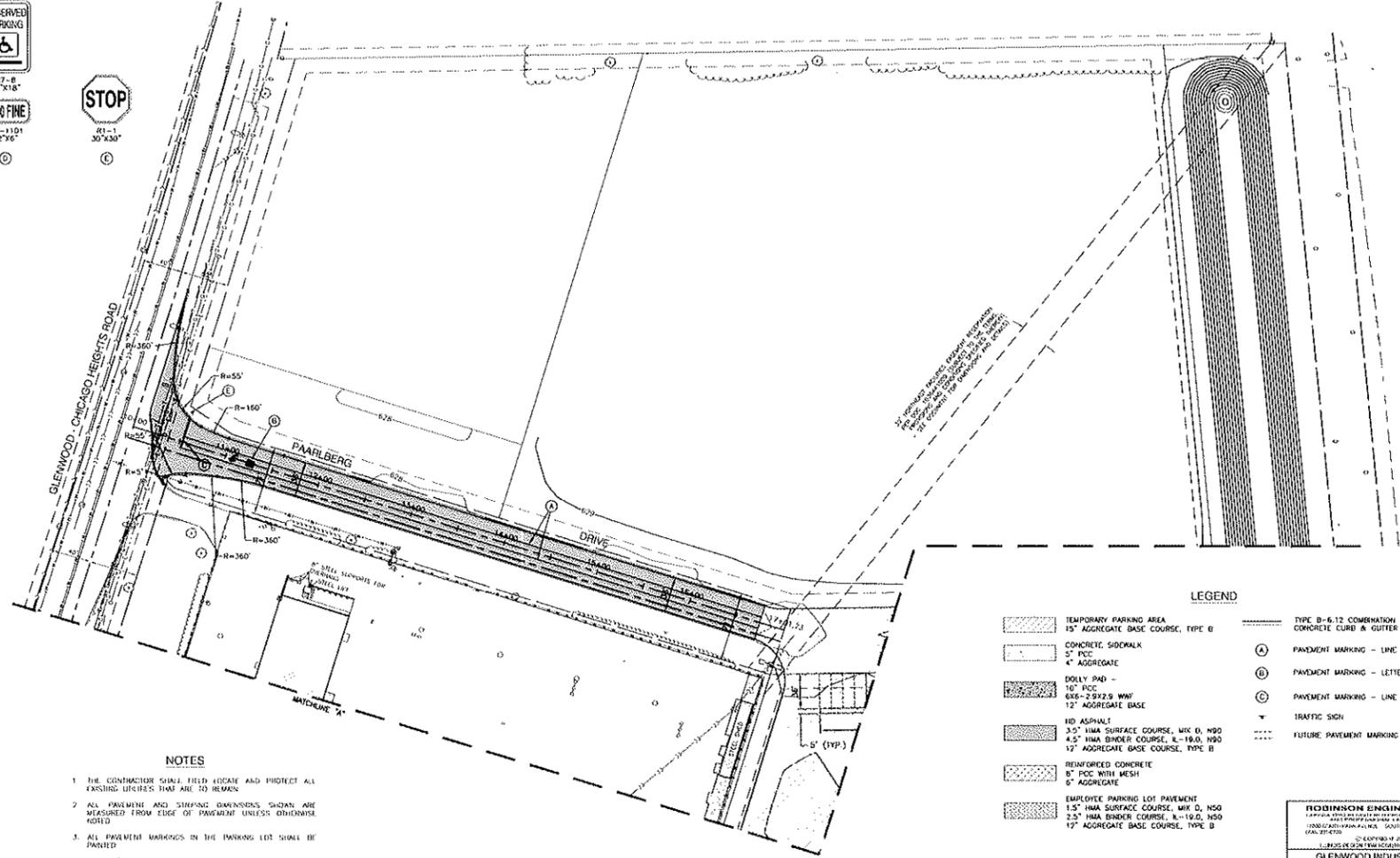
1. SEE GENERAL NOTES (SHEET 03) AND CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
2. SOIL REMOVALS INCLUDE, BUT ARE NOT LIMITED TO, ALL SOILS, FENCES, CONCRETE FADS, SIDEWALKS, PAVEMENT, CURB & GUTTER, DRIVEWAYS, POSTS, LIGHT POLES, STORM SEWER POLE AND STRUCTURES AND ANY OTHER ITEM SHOWN HEREON AS MARKED FOR REMOVAL OR AS IDENTIFIED BY THE ENGINEER AS TO BE REMOVED.
3. THE CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL EXISTING UTILITIES THAT ARE TO REMAIN.
4. ALL PAVEMENT REMOVALS ARE TO BE BY SEAMLESS JOINTS.
5. ALL EXISTING MONITORING WELLS AND MARKED FOR REMOVAL ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
6. CONTRACTOR TO COORDINATE ALL REMOVAL OF GAS VALVES AND APPARATUS WITH NCCOR PRIOR TO REMOVAL.

LEGEND

| | | | | | |
|---|-------------------------------|---|--------------------------------|---|-------------------------------------|
| ⊗ | EXISTING WATER VALVE | ⊕ | EXISTING POWER POLE WITH LIGHT | ▨ | STORM SEWER REMOVAL |
| ⊘ | EXISTING HYDRANT | ⊖ | EXISTING POWER POLE | ▧ | EXISTING FENCE REMOVAL |
| ⊙ | EXISTING ELECTRIC TRANSFORMER | ⊕ | EXISTING CATCH BASIN | ▩ | PAVEMENT REMOVAL LIMITS |
| ⊚ | EXISTING ELECTRIC CONTROL BOX | ⊗ | EXISTING MANHOLE | ▫ | CONCRETE REMOVAL |
| ⊛ | EXISTING LIGHT POLE | ⊖ | EXISTING SANITARY SEWER | ⊗ | CONCRETE CURB/CURB & GUTTER REMOVAL |
| ⊜ | EXISTING TREE | ⊖ | EXISTING GUARDRAIL | ⊗ | EXISTING TREE REMOVAL |
| ⊝ | EXISTING BUSH | ⊖ | EXISTING STORM SEWER | | |
| ⊞ | EXISTING SIGN | ⊖ | EXISTING TELEPHONE LINE | | |
| ⊟ | EXISTING ALUMINUM EIGHT POLE | ⊖ | EXISTING GAS LINE | | |
| | | ⊖ | EXISTING WATER MAIN | | |

ROBINSON ENGINEERING, LTD.
 1000 SOUTH PARK PLACE, SUITE 100, GLENWOOD, ILLINOIS 60130
 GLENWOOD INDUSTRIAL NORTH
 SITE IMPROVEMENTS
 EXISTING CONDITIONS & DEMOLITION PLAN
 GLENWOOD, ILLINOIS
 Drawing: KVM Date: 09-19-14
 Designer: V.J.C. Scale: 1" = 50'
 Sheet: 6 of 35 Project: 13-363-02

| REVISIONS | | |
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| No. | Desc. | Remarks |
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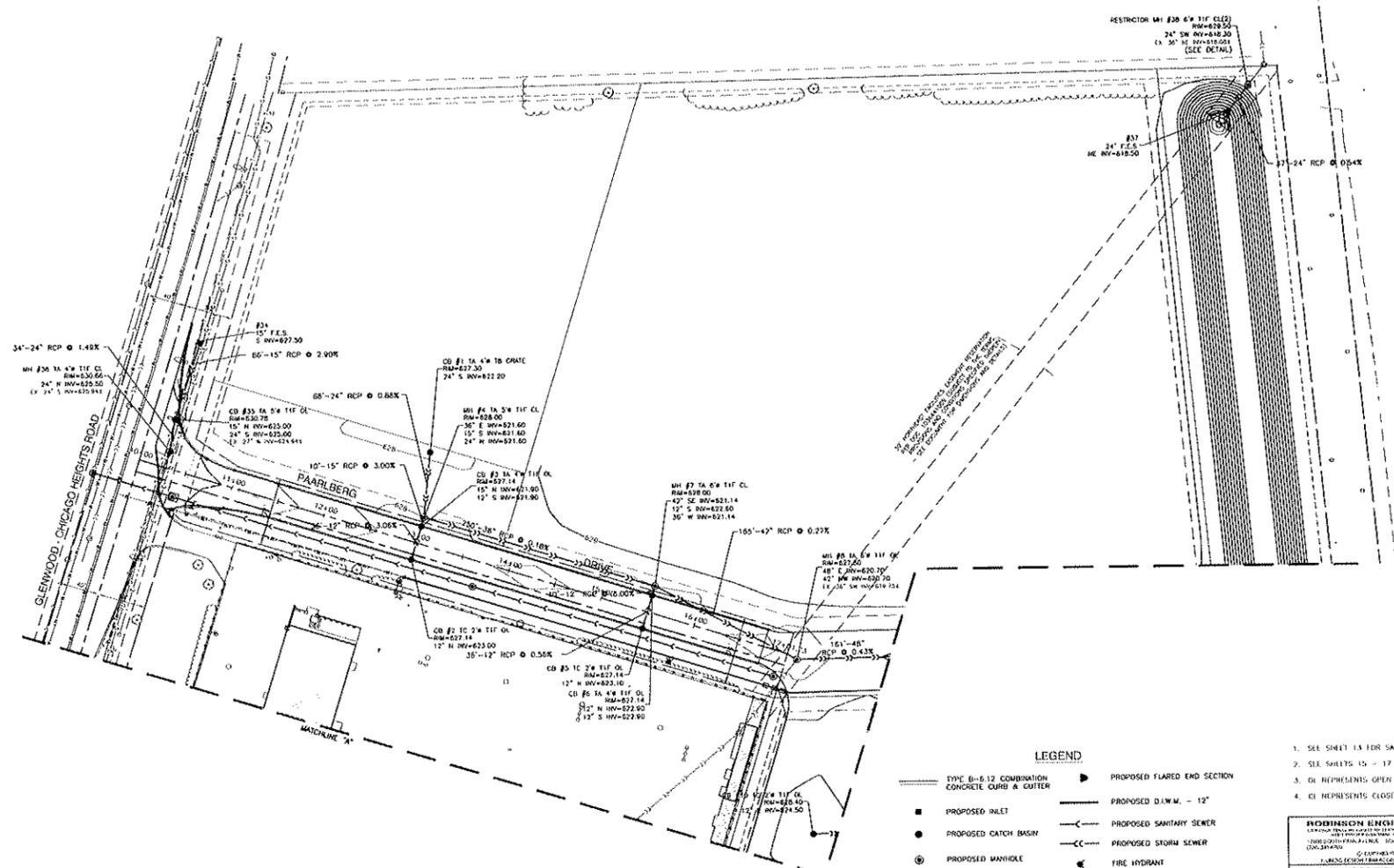
NOTES

1. THE CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL EXISTING UTILITIES THAT ARE TO REMAIN.
2. ALL PAVEMENT AND STRIPING DIMENSIONS SHOWN ARE MEASURED FROM EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. ALL PAVEMENT MARKINGS IN THE PARKING LOT SHALL BE FACED.
4. ALL DIMENSIONS ARE SHOWN AS MEASURED FROM EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

LEGEND

- TEMPORARY PARKING AREA
- 15" AGGREGATE BASE COURSE, TYPE B
- CONCRETE SIDEWALK
- 5" PCC
- 4" AGGREGATE
- DOLLY PAD -
- 10" PCC
- 6x6-2'x2' 9" WWF
- 12" AGGREGATE BASE
- 10' ASPHALT
- 3.5" HMA SURFACE COURSE, MK D, N90
- 4.5" HMA BINDER COURSE, R-19.0, N90
- 12" AGGREGATE BASE COURSE, TYPE B
- REINFORCED CONCRETE
- 8" PCC WITH MESH
- 6" AGGREGATE
- EMPLOYEE PARKING LOT PAVEMENT
- 1.5" HMA SURFACE COURSE, MK D, N90
- 2.5" HMA BINDER COURSE, R-19.0, N90
- 12" AGGREGATE BASE COURSE, TYPE B
- TYPE B-6.12 COMBINATION CONCRETE CURB & GUTTER
- PAVEMENT MARKING - LINE 4" (WHITE)
- PAVEMENT MARKING - LETTERS & SYMBOLS
- PAVEMENT MARKING - LINE 24" (WHITE)
- TRAFFIC SIGN
- FUTURE PAVEMENT MARKING

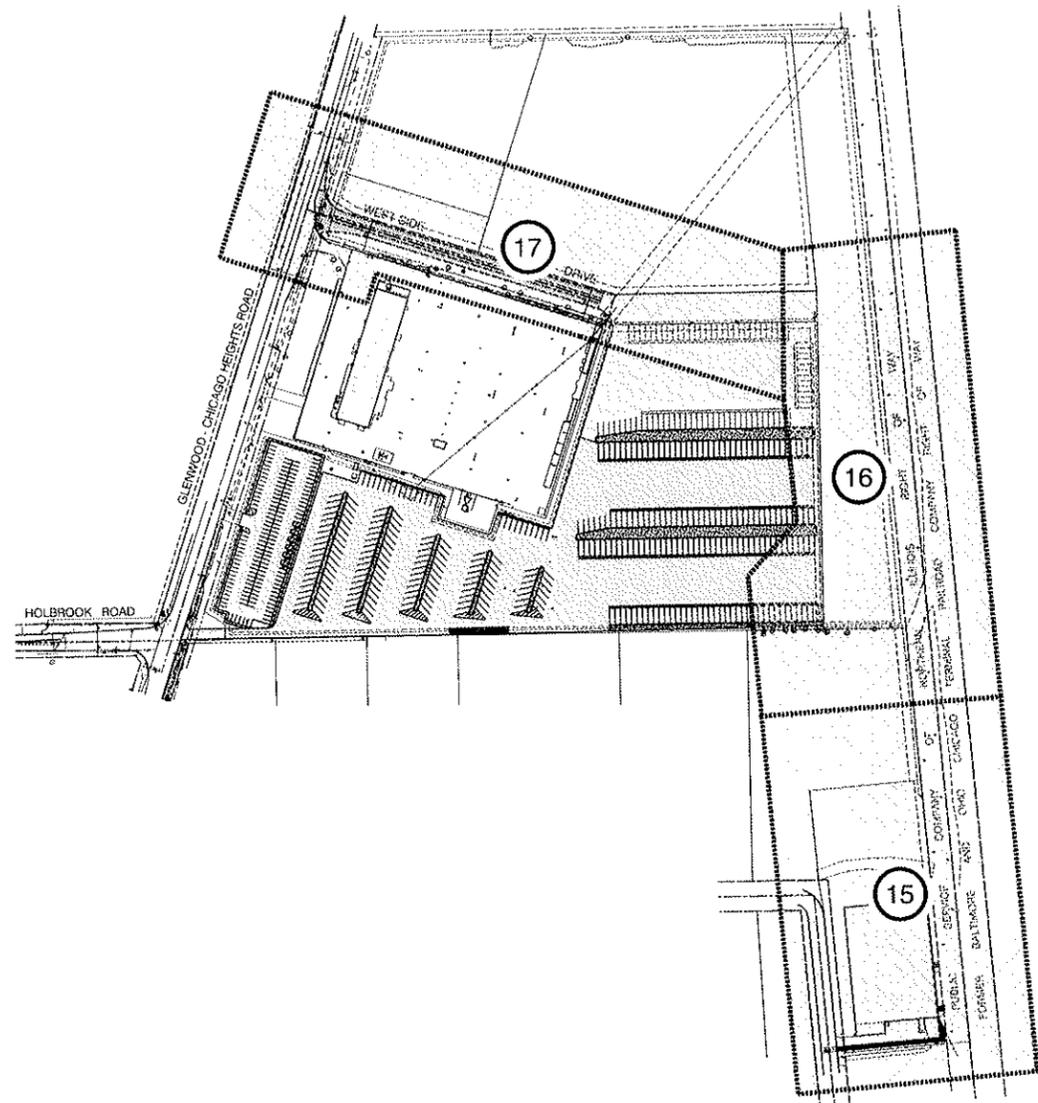
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|---|-----------------------|------------------|----------|
| ROBINSON ENGINEERING, LTD. | | REVISIONS | |
| 1100 W. WASHINGTON ST. SUITE 200 GLENWOOD, ILLINOIS 60131 TEL: 847.391.1100 | | NO. | DATE |
| GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS GEOMETRIC & STRIPING PLAN | | 1 | 07/25/12 |
| GLENWOOD, ILLINOIS | | | |
| Drawn by: RWG | Date: 09/12/14 | | |
| Checked by: J.P.C. | Date: 10/1/14 | | |
| Scale: 1"=40' | Project No: 10-063.00 | | |



- LEGEND**
- TYPE B-6.12 COMBINATION CONCRETE CURB & GUTTER
 - PROPOSED INLET
 - PROPOSED CATCH BASIN
 - ⊙ PROPOSED MANHOLE
 - ▴ PROPOSED FLARED END SECTION
 - PROPOSED D.I.W.M. - 12"
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - ⊕ FIRE HYDRANT
 - ⊕ WATER VALVE
 - STEEL SLEEVE

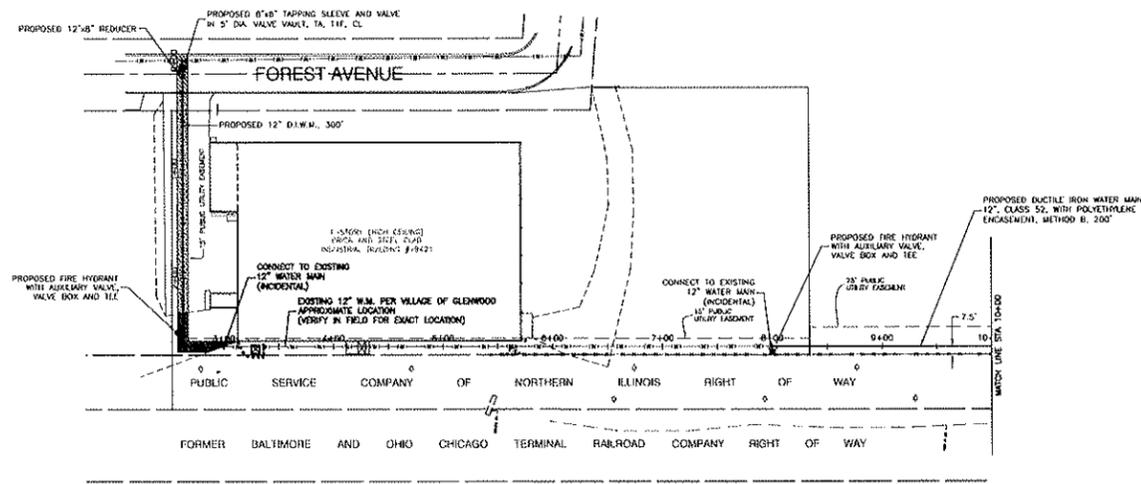
- NOTES**
- SEE SHEET 13 FOR SANITARY SEWER INFORMATION AND PROFILE.
 - SEE SHEETS 15 - 17 FOR WATERMAIN INFORMATION AND PROFILES.
 - DI REPRESENTS OPEN LID
 - CI REPRESENTS CLOSED LID

| | | | |
|---|----------------|-----------|------|
| ROBINSON ENGINEERING, LTD. | | INVISIONS | |
| 1000 GLENWOOD ROAD, SUITE 100, GLENWOOD, ILLINOIS 60130 | | NO. | DATE |
| GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS STORM SEWER | | | |
| GLENWOOD, ILLINOIS | | | |
| DATE: 09/12/18 | DATE: 09/12/18 | | |
| BY: W.J.C. | BY: W.J.C. | | |
| | | | |



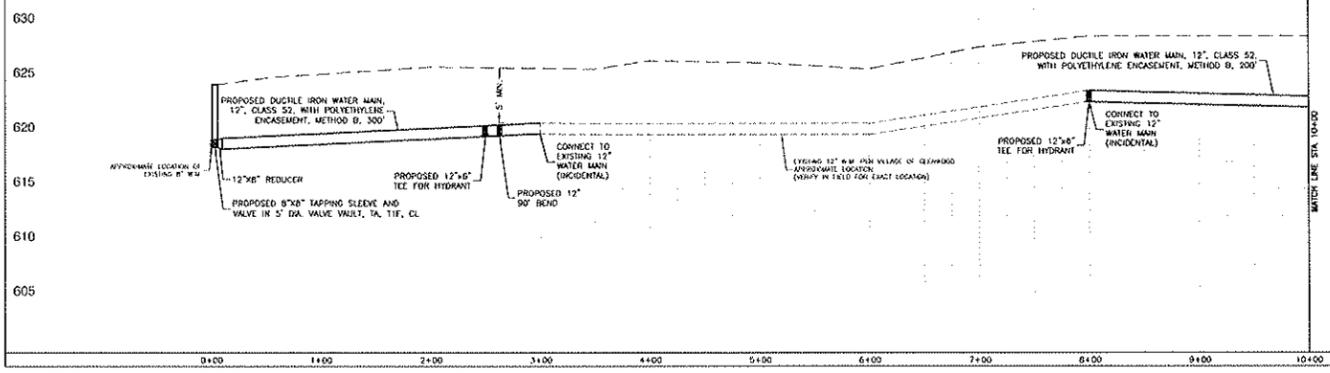
XX SHEET NUMBER

| | | | |
|---|--|-----------------------------------|--|
| ROBINSON ENGINEERING, LTD. ENGINEERS, ARCHITECTS, PLANNERS, AND SURVEYORS 1000 WEST WASHINGTON STREET, CHICAGO, ILLINOIS 60606 TEL: (312) 467-1000 FAX: (312) 467-1001 | | REVISIONS NO. DATE DESCRIPTION | |
| GLENWOOD INDUSTRIAL NORTH WATER SYSTEM IMPROVEMENTS PLAN & PROFILE KEY MAP | | | |
| GLENWOOD, ILLINOIS | | | |
| Project: NONE Designer: W.J.C. Date: 14 of 85 | Date: 09.12.14 Scale: 1" = 120' Project No.: 10-363.02 | | |



- LEGEND**
- ⊕ PROPOSED HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE
 - ⊙ PROPOSED WATER VALVE IN BOX
 - ⊗ PROPOSED WATER VALVE IN VAULT
 - ⊕ PROPOSED BUFFALO BOX
 - ⊕ PROPOSED REDUCER
 - ⊕ EXISTING BUFFALO BOX
 - ⊕ EXISTING HYDRANT
 - ⊕ EXISTING VALVE BOX
 - 30" --- CUT AND CAP EXISTING WATER MAIN
 - EXISTING WATER MAIN
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING SANITARY FORCEMAIN
 - PROPOSED WATER MAIN, CLASS S2
 - PROPOSED WATER SERVICE
 - SF --- PROPOSED SALT FENCE
 - CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
 - HMA PAVEMENT REMOVAL AND REPLACEMENT
 - DRIVEWAY REMOVAL AND REPLACEMENT IN KIND UNLESS OTHERWISE NOTED ON PLANS
 - STONE DRIVE REMOVAL AND REPLACEMENT BY KIND UNLESS OTHERWISE NOTED ON PLANS
 - PAVEMENT PATCHING

THE CONSTRUCTION OF THE WATER MAIN SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.



| | | | |
|---|------------------------|------------------|---------------|
| ROBINSON ENGINEERING, LTD. | | REVISIONS | |
| 1500 WEST WASHINGTON STREET, SUITE 200 GLENWOOD, ILLINOIS 60425 PHONE: (815) 734-1100 FAX: (815) 734-1101 WWW: WWW.ROBINSON-ENG.COM | | NO. DATE | BY CHECKED |
| GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS PLAN & PROFILES | | | |
| GLENWOOD, ILLINOIS | | | |
| DRAWN BY: RWH CHECKED BY: WJC DATE: 09-12-14 SCALE: 1"=50' SHEET NO.: 35 | PROJECT NO.: 10-363-02 | | |

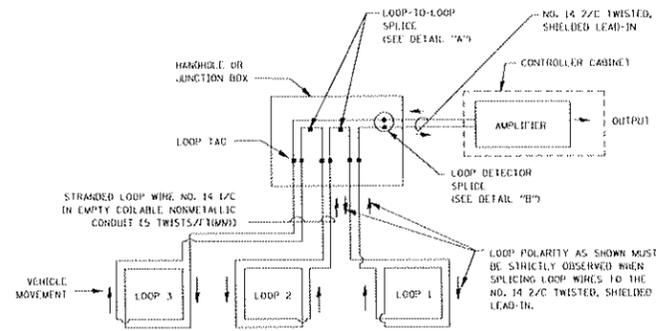
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDBOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDBOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDBOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

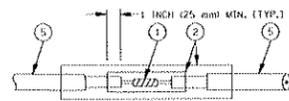


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



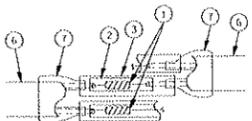
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



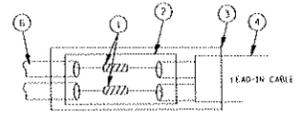
DETAIL "A" LOOP-TO-LOOP SPLICE

TYPE 1 LOOP



DETAIL "A" LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B" LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

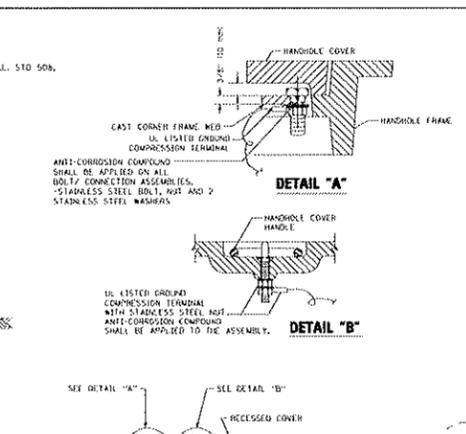
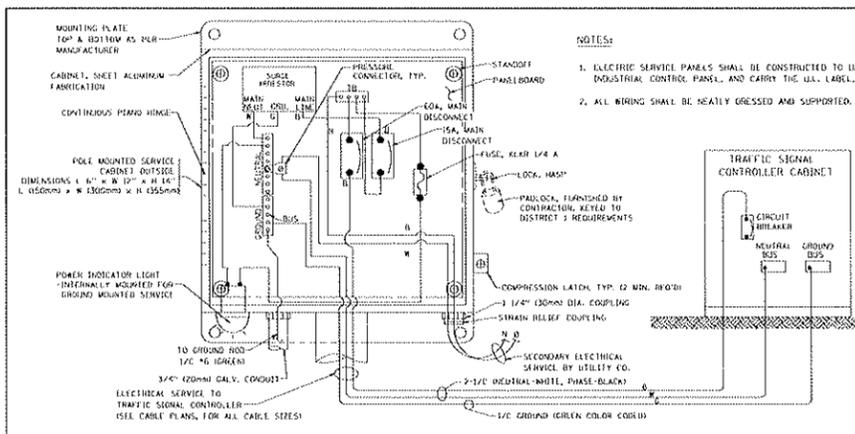
- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/2 TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PRE-FORMED LOOP
- XI POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

| | | | |
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| FILE NAME = 1200200403.001-01 | USER NAME = haw-01 | DESIGNED = DAD | REVISED = |
| | | CHECKED = BEA | RELEASED = |
| | PROJECT SCALE = 60/8000" = 1/133" | DRAWN = DAD | REVISIONS = |
| | PROJECT DATE = 10/28/05 | CHECKED = 10-28-05 | REVISED = |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--|------------------|-------|----------|
| DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | | | |
| SCALE: | SHEET NO. 1 OF 6 | DATE: | 10/28/05 |

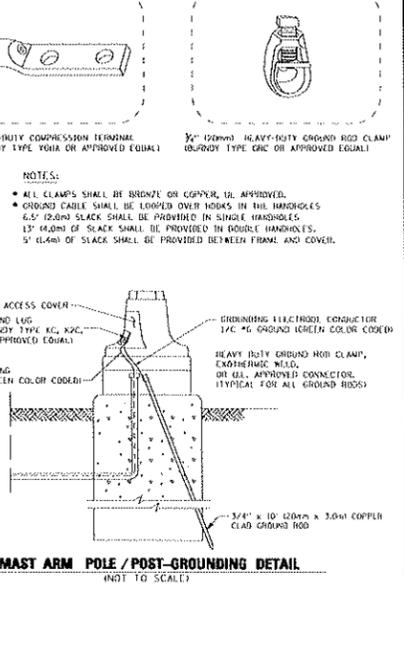
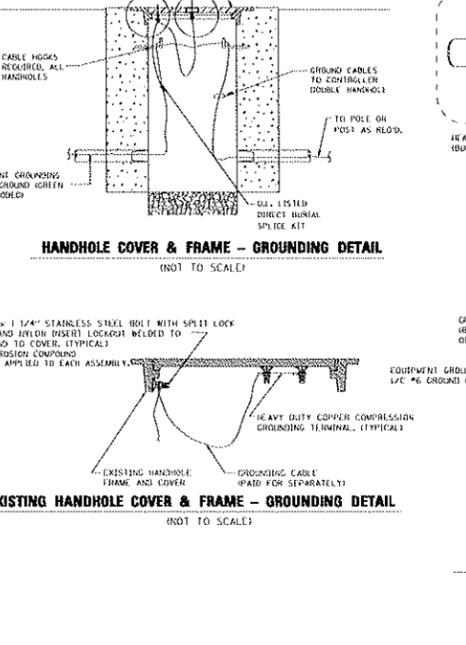
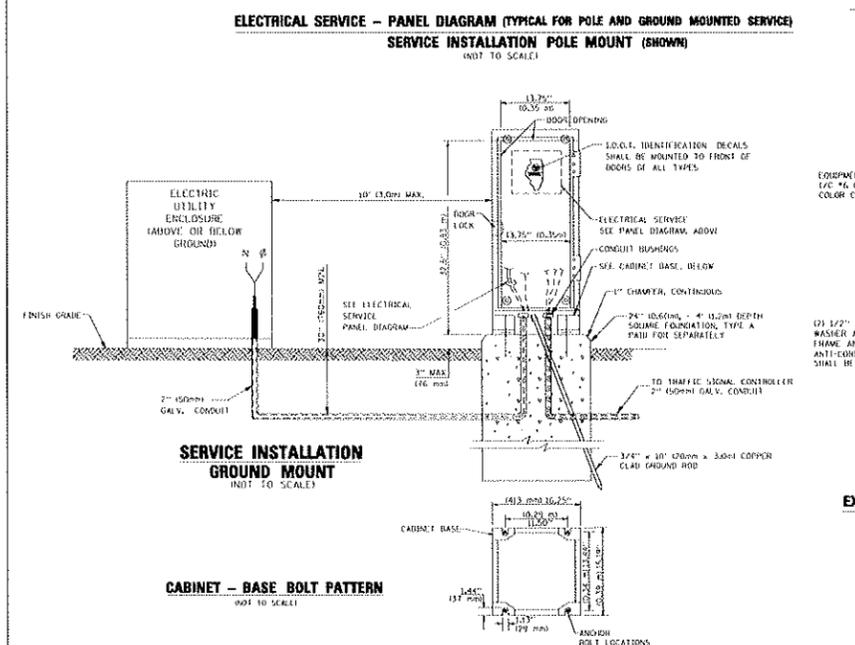
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| FILED | REVISION | COUNTY | TOTAL SHEET |
| 2005 | 02 00050 00 11 | COOK | 35 18 |
| DESIGNER: T.E. 05 | | CONTRACT NO. ### | |
| THIS DRAWING IS THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION | | | |



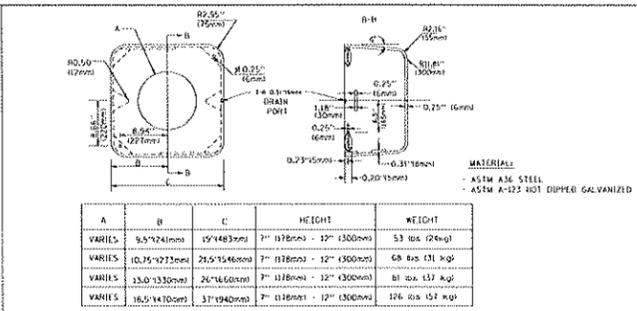
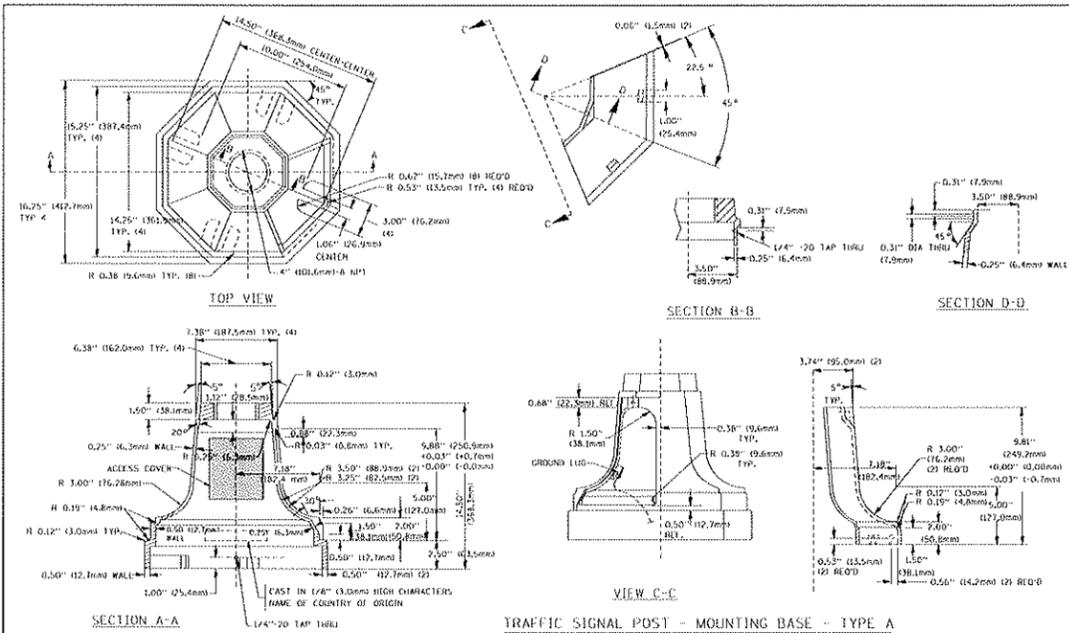
NOTES:

GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE W.P. NO. 6 A.W.G., SHANNED EQUIP. TO BE INSTALLED IN RECEIPTS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE, HANDHOLE, POST, MAST ARM, CONTROLLER, E.T.C. GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD OR GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4135.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTIONS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



| | | | | | | | | | | |
|------------------|-----------------|-------------------|--------------|---|--|------------------|----------------|----------------|--------------|-----------------------|
| DESIGNER: [Name] | CHECKED: [Name] | REVISIONS: [List] | DATE: [Date] | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | SHEET NO. 3 OF 6 | SCALE: [Scale] | TITLE: [Title] | DATE: [Date] | CONTRACT NO. [Number] |
|------------------|-----------------|-------------------|--------------|---|--|------------------|----------------|----------------|--------------|-----------------------|

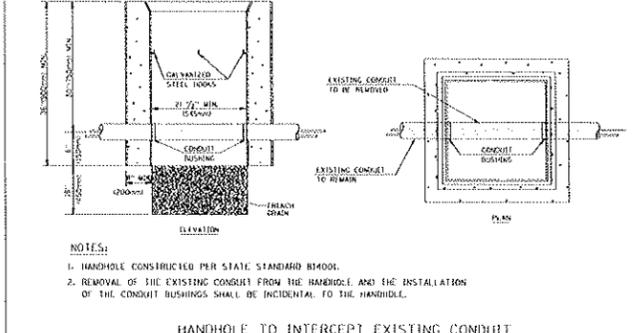
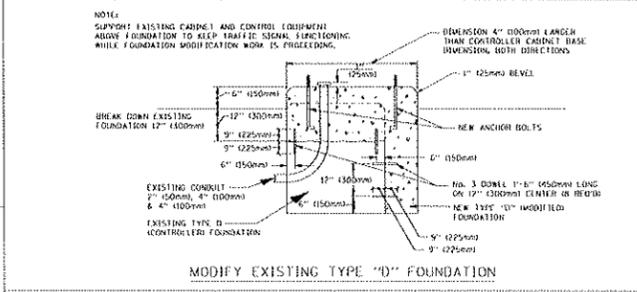
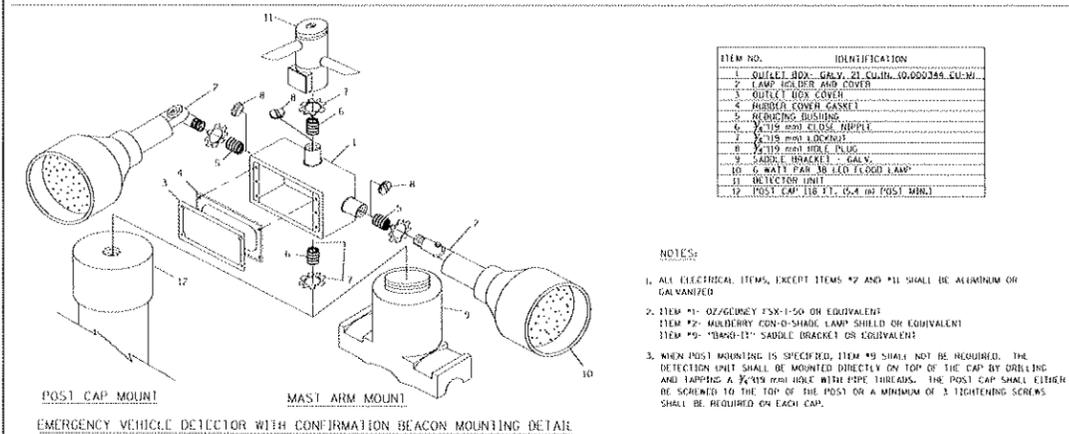


| A | B | C | HEIGHT | WEIGHT |
|--------|-----------|---|--------|--------|
| VARIES | 9.5\"/> | | | |
| VARIES | 10.75\"/> | | | |
| VARIES | 13.0\"/> | | | |
| VARIES | 16.5\"/> | | | |

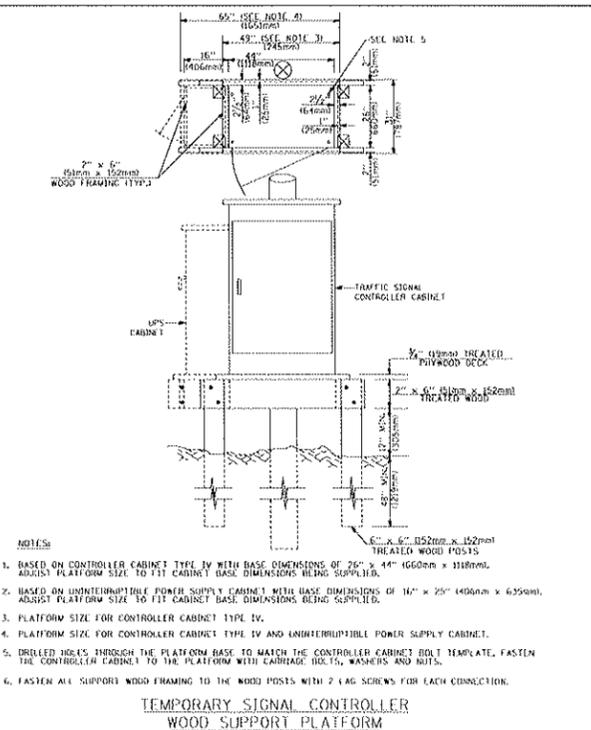
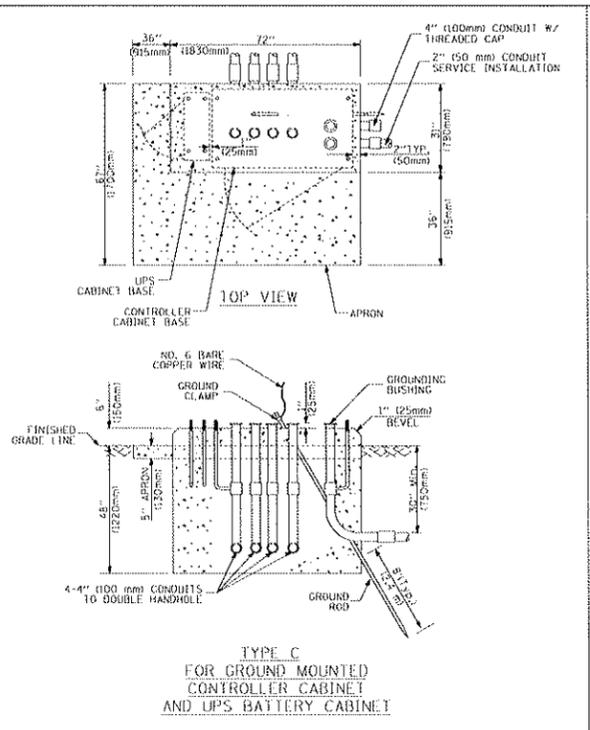
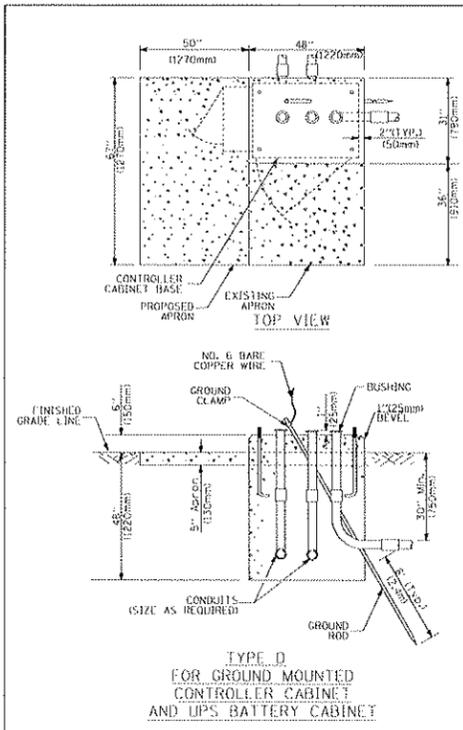
SHROUD

NOTES:

- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



| | | | |
|----------------------------|-----------------|-----------------------|--------------|
| FILE NAME = 10012008-01-04 | USER NAME = bcl | DESIGNED BY = DAD | REVISED BY = |
| | | CHECKED BY = BCL | REVISED BY = |
| | | DRAWN BY = DAD | REVISED BY = |
| | | CHECKED BY = 10-26-02 | REVISED BY = |



| CABLE SLACK LENGTH | FEET | METER |
|---|------|-------|
| HANDHOLE | 5.5 | 2.0 |
| DOUBLE HANDHOLE | 11.0 | 4.0 |
| SIGNAL POST | 2.0 | 0.6 |
| MAST ARM | 2.0 | 0.6 |
| CONTROLLER CABINET | 1.5 | 0.5 |
| FIBER OPTIC AT CABINET | 1.0 | 0.3 |
| ELECTRIC SERVICE AT CABINET OR SERVICE LOCATION | 0.5 | 0.15 |
| GROUND CABLE (SIGNAL POST, MAST ARM, CABINET) | 1.5 | 0.5 |
| GROUND CABLE BETWEEN FRAME AND COVER | 5.0 | 1.6 |

| VERTICAL CABLE LENGTH | FEET | METER |
|---|------|-------|
| MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) | 26.0 | 8.0 |
| HL - MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM | 13.5 | 4.1 |
| BRACKET MOUNTED MAST ARM POLE OR SIGNAL POLE | 5.0 | 1.5 |
| PEDESTRIAN PUSH BUTTER | 5.0 | 1.5 |
| SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP | 13.5 | 4.1 |
| SERVICE INSTALLATION POLE MOUNT TO GROUND | 13.5 | 4.1 |
| SERVICE INSTALLATION GROUND MOUNT | 5.0 | 1.5 |
| FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT) | 5.0 | 1.5 |

| FOUNDATION | DEPTH |
|---|--------------|
| TYPE A - Signal Post | 4'-0" (1.2m) |
| TYPE C - CONTROLLER W/ UPS | 4'-0" (1.2m) |
| TYPE D - CONTROLLER | 4'-0" (1.2m) |
| SERVICE INSTALLATION GROUND MOUNT TYPE A - SQUARE | 4'-0" (1.2m) |

| MAST ARM LENGTH | (Ø) FOUNDATION DIAMETER | FOUNDATION | SPIRAL DIAPHRAGM | QUANTITY OF REBAR | SIZE OF REBAR |
|--|-------------------------|--------------|------------------|-------------------|---------------|
| Greater than 30' (9.1 m) | 10'-0" (3.0 m) | 36" (900mm) | 24" (600mm) | 8 | #4S |
| Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m) | 13'-6" (4.1 m) | 36" (900mm) | 24" (600mm) | 8 | #4S |
| Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m) | 11'-0" (3.4 m) | 36" (900mm) | 30" (750mm) | 12 | #22 |
| Greater than or equal to 50' (15.2 m) and less than 55' (16.8 m) | 13'-0" (4.0 m) | 36" (900mm) | 30" (750mm) | 12 | #22 |
| Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m) | 15'-0" (4.6 m) | 36" (900mm) | 30" (750mm) | 12 | #22 |
| Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m) | 21'-0" (6.4 m) | 42" (1050mm) | 36" (900mm) | 16 | #25 |
| Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m) | 25'-0" (7.6 m) | 42" (1050mm) | 36" (900mm) | 16 | #25 |

- NOTES:
- These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (UCS) of 1.0 to 1.00 kg/cm². This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation driving. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1050 mm) diameter foundations.
 - For mast arm assemblies with dual arms refer to state standard 87800.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TRAFFIC SIGNAL LEGEND

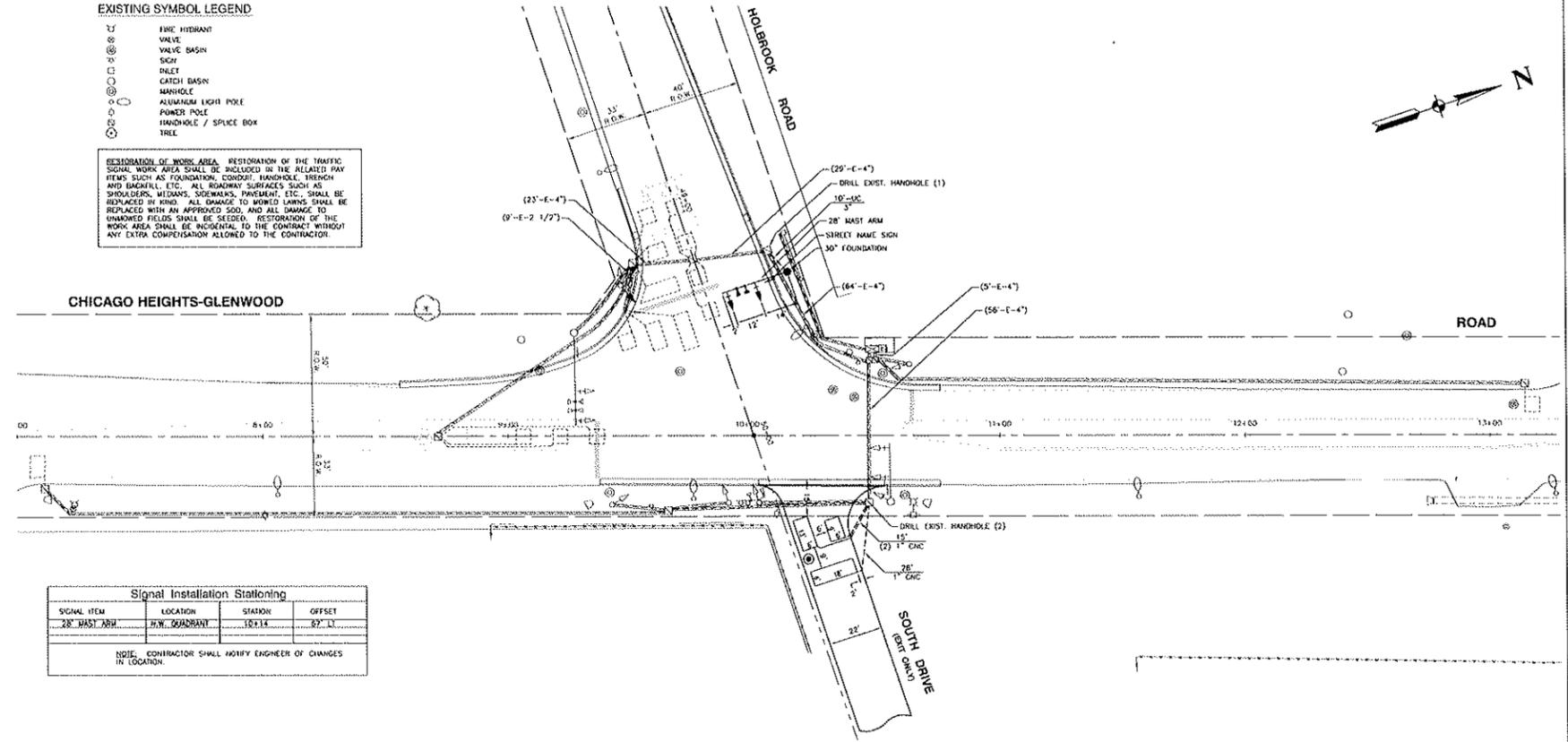
| ITEM | REMOVAL | EXISTING | PROPOSED | ITEM | REMOVAL | EXISTING | PROPOSED | ITEM | REMOVAL | EXISTING | PROPOSED | | | | | | | | | | | | | | | | | | |
|---|----------|----------|----------|---|---------|----------|----------|--|---------|----------|----------|--|----------|----------|--------------------------|--|--|------------------------------|--|--|-----------------|--|--|---------------|--|--|-----------|--|--|
| CONTROLLER CABINET | | | | EMERGENCY VEHICLE LIGHT DETECTOR | | | | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 L/C, UNLESS NOTED OTHERWISE | | | | | | | | | | | | | | | | | | | | | |
| RAILROAD CONTROL CABINET | | | | CONFIRMATION BEACON | | | | COAXIAL CABLE | | | | | | | | | | | | | | | | | | | | | |
| COMMUNICATIONS CABINET | | | | HANDHOLE | | | | VENDOR CABLE FOR CAMERA | | | | | | | | | | | | | | | | | | | | | |
| MASTER CONTROLLER | | | | HEAVY DUTY HANDHOLE | | | | COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED | | | | | | | | | | | | | | | | | | | | | |
| MASTER MASTER CONTROLLER | | | | DOUBLE HANDHOLE | | | | FIBER OPTIC CABLE NO. 62.5/125, MM12F | | | | | | | | | | | | | | | | | | | | | |
| UNINTERRUPTIBLE POWER SUPPLY | | | | JUNCTION BOX | | | | FIBER OPTIC CABLE NO. 62.5/125, MM12F | | | | | | | | | | | | | | | | | | | | | |
| SERVICE INSTALLATION, (PI POLE OR (G) GROUND MOUNT) | | | | GALVANIZED STEEL CONDUIT IN TRENCH (I) OR PUSHED (PI) | | | | FIBER OPTIC CABLE NO. 62.5/125, MM12F | | | | | | | | | | | | | | | | | | | | | |
| TELEPHONE CONNECTION, (PI POLE OR (G) GROUND MOUNT) | | | | TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE | | | | FIBER OPTIC CABLE NO. 62.5/125, MM12F | | | | | | | | | | | | | | | | | | | | | |
| STEEL MAST ARM ASSEMBLY AND POLE | | | | COMMON TRENCH | | | | FIBER OPTIC CABLE NO. 62.5/125, NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM MAST ARM ASSEMBLY AND POLE | | | | COILABLE NONMETALLIC CONDUIT (EMPTY) | | | | GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (SA) SERVICE | | | | | | | | | | | | | | | | | | | | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | | | | SYSTEM ITEM | | | | CONTROLLER CABINET AND FOUNDATION TO BE REMOVED | | | | | | | | | | | | | | | | | | | | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA | | | | INTERSECTION ITEM | | | | STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED | | | | | | | | | | | | | | | | | | | | | |
| SIGNAL POST | | | | REMOVE ITEM | | | | ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED | | | | | | | | | | | | | | | | | | | | | |
| TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (35.7M) MINIMUM | | | | RELOCATE ITEM | | | | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED | | | | | | | | | | | | | | | | | | | | | |
| GUY WIRE | | | | ABANDON ITEM | | | | SIGNAL POST AND FOUNDATION TO BE REMOVED | | | | | | | | | | | | | | | | | | | | | |
| SIGNAL HEAD | | | | 12" (300mm) TRAFFIC SIGNAL SECTION | | | | INTERSECTION & SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE) | | | | 12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE | | | | SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| SIGNAL HEAD WITH BACKPLATE | | | | SIGNAL FACE | | | | EXISTING INTERSECTION LOOP DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | | | | SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD | | | | PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| FLASHER INSTALLATION (S DENOTES SIGNAL POWER) | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/BIKE/WALK SYMBOL | | | | EXISTING PREFORMED INTERSECTION LOOP DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| PEDESTRIAN SIGNAL HEAD | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED | | | | PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID | | | | PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR | | | | PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER | | | | PREFORMED SAMPLING (SYSTEM) DETECTOR | | | | | | | | | | | | | | | | | | | | | |
| ILLUMINATED SIGN "NO LEFT TURN" | | | | RADIO INTERCONNECT | | | | <h3>RAILROAD SYMBOLS</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>EXISTING</th> <th>PROPOSED</th> </tr> </thead> <tbody> <tr> <td>RAILROAD CONTROL CABINET</td> <td></td> <td></td> </tr> <tr> <td>RAILROAD CANTILEVER MAST ARM</td> <td></td> <td></td> </tr> <tr> <td>FLASHING SIGNAL</td> <td></td> <td></td> </tr> <tr> <td>CROSSING GATE</td> <td></td> <td></td> </tr> <tr> <td>CROSSBUCK</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | EXISTING | PROPOSED | RAILROAD CONTROL CABINET | | | RAILROAD CANTILEVER MAST ARM | | | FLASHING SIGNAL | | | CROSSING GATE | | | CROSSBUCK | | |
| | EXISTING | PROPOSED | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAILROAD CONTROL CABINET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAILROAD CANTILEVER MAST ARM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLASHING SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CROSSING GATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CROSSBUCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ILLUMINATED SIGN "NO RIGHT TURN" | | | | RADIO REPEATER | | | | | | | | | | | | | | | | | | | | | | | | | |
| DETECTOR LOOP, TYPE I | | | | DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREFORMED DETECTOR LOOP | | | | GROUND CABLE IN CONDUIT NO. 4 SOLID COPPER CONDUCTOR | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICROWAVE VEHICLE SENSOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VIDEO DETECTION CAMERA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VIDEO DETECTION ZONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAN, TILT, ZOOM CAMERA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WIRELESS DETECTOR SENSOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WIRELESS ACCESS POINT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|---------------------------------|--------------------------------|-------------------------------------|---|--|--------------------------------------|
| USER NAME: PROJECT: DATE: | DESIGNED: CHECKED: DATE: | REVISION: REVISION: REVISION: | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | SCALE: SHEET NO. OF SHEETS: |
|---------------------------------|--------------------------------|-------------------------------------|---|--|--------------------------------------|

EXISTING SYMBOL LEGEND

- ⊞ FIRE HYDRANT
- ⊞ VALVE
- ⊞ VALVE BASIN
- ⊞ SIGHT
- ⊞ INLET
- ⊞ CATCH BASIN
- ⊞ MANHOLE
- ⊞ ALUMINUM LIGHT POLE
- ⊞ POWER POLE
- ⊞ HANDHOLE / SPLICE BOX
- ⊞ TREE

RESTORATION OF WORK AREA RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAVEMENT ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, BENCH AND BENCHFILL, ETC. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOG, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED. RESTORATION OF THE WORK AREA SHALL BE INCIDENTAL TO THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR.

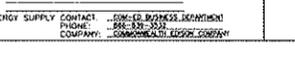
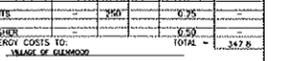
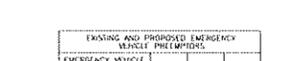
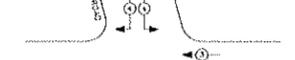
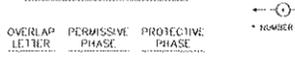
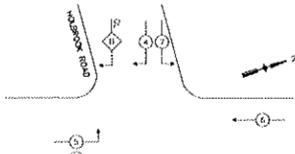


| Signal Installation Stationing | | | |
|--------------------------------|---------------|---------|--------|
| SIGNAL ITEM | LOCATION | STATION | OFFSET |
| 28' MAST ARM | N.W. QUADRANT | 10114 | 87' L |

NOTE: CONTRACTOR SHALL NOTIFY ENGINEER OF CHANGES IN LOCATION.

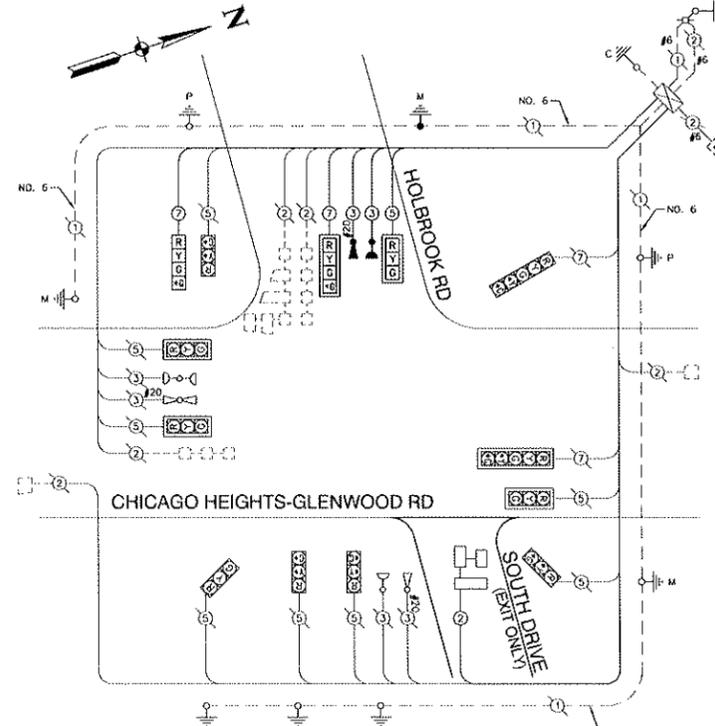
| | | |
|--|--|---------------------------------|
| ROBINSON ENGINEERING, L.P.O. 11000 S. WILSON AVENUE, SUITE 100 CHICAGO, ILLINOIS 60643-1000 TEL: (773) 344-1100 FAX: (773) 344-1101 WWW: WWW.ROBINSONENGINEERING.COM | | REVISIONS NO. DATE REVISIONS |
| GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS TRAFFIC SIGNAL PLANS TRAFFIC SIGNAL INSTALLATION PLAN GLENWOOD, ILLINOIS | | [Empty table for revisions] |
| DRAWN BY: J.E.A. CHECKED BY: J.E.A. DATE: 08-12-14 SCALE: 1" = 20' SHEET: 24 OF 30 PROJECT: 10-2003-02 | | |

CONTROLLER SEQUENCE



LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE



EXISTING & PROPOSED CABLE PLAN

SCHEDULE OF QUANTITIES

| ITEM | UNIT | QUAN |
|---|-------|------|
| SIGN PANEL - TYPE 2 | 50 FT | 15 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA | FOOT | 10 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 148 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 142 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 358 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C | FOOT | 148 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PHR | FOOT | 85 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTION, NO. 8 1C | FOOT | 21 |
| STEEL MAST ARM ASSEMBLY AND POLE, 28 FT | EACH | 1 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 10 |
| DRILL EXISTING HANDBASE | EACH | 2 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED | EACH | 1 |
| TRAFFIC SIGNAL ENCAPSULATE, LOWVOLTED, ALUMINUM | EACH | 2 |
| INDUCTIVE LOOP DETECTOR | EACH | 1 |
| DETECTOR LOOP TYPE 1 | FOOT | 135 |
| LOOP DETECTOR | EACH | 1 |
| MODIFY EXISTING CONTROLLER | EACH | 1 |

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. LAMPS | INCANDESCENT | LED | OPERATION | TOTAL WATTAGE |
|---|-----------|--------------|-----|-----------|---------------|
| SIGNAL (RED) | 3 | 120 | 12 | 0.50 | 110.0 |
| SIGNAL (YELLOW) | 3 | 120 | 12 | 0.45 | 81.0 |
| SIGNAL (GREEN) | 3 | 120 | 12 | 0.45 | 81.0 |
| ARROW (RED) | 0 | 0 | 0 | 0.00 | 0.0 |
| ARROW (YELLOW) | 0 | 0 | 0 | 0.00 | 0.0 |
| ARROW (GREEN) | 0 | 0 | 0 | 0.00 | 0.0 |
| FLASHER (RED) | 1 | 100 | 100 | 1.00 | 100.0 |
| FLASHER (YELLOW) | 1 | 64 | 64 | 0.75 | 48.0 |
| FLASHER (GREEN) | 1 | 64 | 64 | 0.75 | 48.0 |
| TOTAL | | 360 | 360 | 3.50 | 342.0 |
| FLASHER ENERGY COSTS TO VILLAGE OF GLENWOOD | | | | | 1074.0 |
| TOTAL | | | | | 1416.0 |

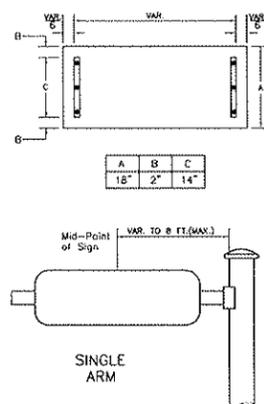
ENERGY SUPPLY CONTACT: **CON-LED BUSINESS DEVELOPMENT**
 PHONE: 888-838-3532
 COMPANY: **COMMERCIAL LED LIGHTING COMPANY**

ROBINSON ENGINEERING, LTD.
 1100 N. WILSON AVENUE, SUITE 100, GLENWOOD, ILLINOIS 60139
 (708) 924-1000
 FAX (708) 924-1001
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 GLENWOOD INDUSTRIAL NORTH
 SITE IMPROVEMENTS
 TRAFFIC SIGNAL PLANS
 TRAFFIC SIGNAL, CABLE PLAN, PHASE DESIGNATION & QUANTITIES
GLENWOOD, ILLINOIS

DATE: 09.12.14
 DRAWN BY: W.J.C.
 CHECKED BY: W.J.C.
 SCALE: AS SHOWN
 PROJECT NO: 10-363-02

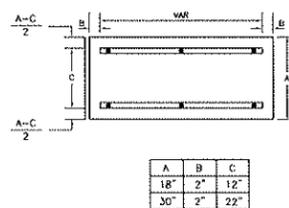


SUPPORTING CHANNELS

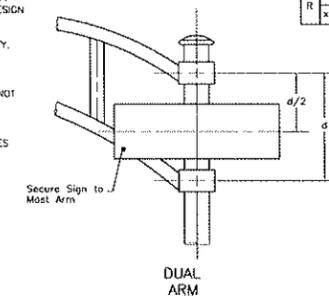


SINGLE ARM

SUPPORTING CHANNELS



| | | |
|-----|----|-----|
| A | B | C |
| 18" | 2" | 12" |
| 30" | 2" | 22" |



SIGNIFIX ALUMINUM CHANNEL FRAMING SYSTEM

shall be used. See Note #5.

Upper Case To Lower Case
Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2 DENOTES $\frac{3}{8}$ "

| SERIES | SECOND LETTER | | | | | | | | | | | | | | | |
|---------|---------------|----|----|----|---------|----|----|----|-------|----|----|----|-------------|----|----|--|
| | o c d e | | | | b h k l | | | | f w j | | | | s t v y x z | | | |
| A W X | 12 | 14 | 14 | 15 | 12 | 14 | 06 | 01 | 14 | 06 | 10 | 11 | 2 | 12 | 14 | |
| B | 14 | 15 | 20 | 21 | 14 | 15 | 11 | 12 | 14 | 15 | 12 | 14 | 12 | 14 | 17 | |
| C E G | 14 | 15 | 20 | 21 | 14 | 15 | 06 | 10 | 12 | 14 | 12 | 14 | 14 | 15 | 14 | |
| D O Q R | 14 | 15 | 20 | 21 | 14 | 15 | 06 | 10 | 12 | 14 | 12 | 14 | 14 | 15 | 14 | |
| F | 05 | 06 | 14 | 15 | 06 | 10 | 05 | 06 | 10 | 06 | 10 | 06 | 10 | 11 | 12 | |
| H I M N | 20 | 21 | 22 | 24 | 20 | 21 | 14 | 15 | 16 | 17 | 16 | 17 | 20 | 21 | 21 | |
| J U | 20 | 21 | 20 | 21 | 16 | 17 | 14 | 15 | 16 | 17 | 16 | 17 | 18 | 17 | 20 | |
| K L | 11 | 12 | 16 | 17 | 11 | 12 | 05 | 06 | 11 | 12 | 11 | 12 | 11 | 12 | 14 | |
| P | 12 | 14 | 14 | 15 | 12 | 14 | 05 | 06 | 11 | 12 | 11 | 12 | 12 | 14 | 14 | |
| S | 12 | 14 | 15 | 17 | 14 | 06 | 10 | 12 | 14 | 12 | 14 | 12 | 14 | 12 | 14 | |
| T | 11 | 12 | 16 | 17 | 05 | 06 | 06 | 10 | 11 | 12 | 11 | 12 | 11 | 12 | 14 | |
| V | 06 | 10 | 14 | 15 | 11 | 12 | 06 | 10 | 12 | 14 | 12 | 14 | 12 | 14 | 14 | |
| Y | 05 | 06 | 14 | 15 | 06 | 10 | 05 | 06 | 10 | 05 | 06 | 10 | 11 | 12 | 14 | |
| Z | 16 | 17 | 22 | 24 | 16 | 17 | 12 | 14 | 16 | 17 | 16 | 17 | 16 | 17 | 20 | |

Lower Case To Lower Case
Spacing Chart 6 inch Series C & D

| SERIES | SECOND LETTER | | | | | | | | | | | | | | | |
|-------------|---------------|----|----|----|---------|----|----|----|-------|----|----|----|-------------|----|----|--|
| | o c d e | | | | b h k l | | | | f w j | | | | s t v y x z | | | |
| a d h g i j | 16 | 17 | 22 | 24 | 16 | 17 | 12 | 14 | 14 | 15 | 14 | 15 | 16 | 17 | 16 | |
| l m n q u | 16 | 17 | 22 | 24 | 16 | 17 | 12 | 14 | 14 | 15 | 14 | 15 | 16 | 17 | 16 | |
| b t k o p s | 12 | 14 | 16 | 17 | 11 | 12 | 05 | 06 | 11 | 12 | 11 | 12 | 12 | 14 | 14 | |
| c e | 12 | 14 | 16 | 17 | 11 | 12 | 05 | 06 | 11 | 12 | 11 | 12 | 12 | 14 | 14 | |
| r | 05 | 10 | 12 | 14 | 06 | 10 | 03 | 05 | 05 | 06 | 05 | 06 | 10 | 10 | 10 | |
| t z | 12 | 14 | 16 | 17 | 12 | 14 | 06 | 10 | 11 | 12 | 11 | 12 | 12 | 14 | 14 | |
| v y | 11 | 12 | 14 | 15 | 11 | 12 | 05 | 06 | 10 | 11 | 12 | 11 | 12 | 11 | 12 | |
| w | 11 | 12 | 14 | 15 | 11 | 12 | 05 | 06 | 11 | 12 | 11 | 12 | 11 | 12 | 14 | |
| x | 12 | 14 | 16 | 17 | 11 | 12 | 05 | 06 | 11 | 12 | 11 | 12 | 11 | 12 | 14 | |

Number to Number
Spacing Chart 8 Inch Series "C & D"

| SERIES | SECOND LETTER | | | | | | | | | | | | | |
|--------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | |
| D 9 | 16 | 17 | 16 | 17 | 14 | 15 | 12 | 14 | 14 | 15 | 16 | 17 | 16 | 17 |
| I | 20 | 21 | 20 | 21 | 16 | 17 | 14 | 15 | 16 | 17 | 20 | 21 | 20 | 21 |
| Z 3 4 | 14 | 15 | 14 | 15 | 11 | 12 | 14 | 14 | 15 | 14 | 15 | 16 | 17 | 16 |
| 5 | 14 | 15 | 14 | 15 | 11 | 12 | 14 | 14 | 15 | 14 | 15 | 16 | 17 | 16 |
| 6 | 14 | 15 | 14 | 15 | 11 | 12 | 14 | 14 | 15 | 14 | 15 | 16 | 17 | 16 |
| 7 | 12 | 14 | 14 | 15 | 12 | 14 | 05 | 06 | 11 | 12 | 11 | 12 | 14 | 14 |
| 8 | 12 | 14 | 14 | 15 | 12 | 14 | 05 | 06 | 11 | 12 | 11 | 12 | 14 | 14 |
| B | 16 | 17 | 16 | 17 | 14 | 15 | 12 | 14 | 14 | 15 | 16 | 17 | 16 | 17 |

UPPER AND LOWER CASE LETTER WIDTHS

| LETTER | 6 INCH UPPER CASE LETTERS | | 8 INCH UPPER CASE LETTERS | | 6 INCH LOWER CASE LETTERS | |
|--------|---------------------------|----------------|---------------------------|----------------|---------------------------|-------------------------------|
| | C | D | C | D | C | D |
| A | 3 ⁶ | 5 ⁰ | 5 ⁰ | 6 ⁵ | a | 3 ⁵ 4 ² |
| B | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | b | 3 ⁵ 4 ² |
| C | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | c | 3 ⁵ 4 ¹ |
| D | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | d | 3 ⁵ 4 ² |
| E | 3 ⁰ | 3 ⁵ | 4 ⁰ | 4 ⁷ | e | 3 ⁵ 4 ² |
| F | 3 ⁰ | 3 ⁵ | 4 ⁰ | 4 ⁷ | f | 2 ³ 2 ⁶ |
| G | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | g | 3 ⁵ 4 ² |
| H | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | h | 3 ⁵ 4 ² |
| I | 0 ⁷ | 0 ⁷ | 1 ¹ | 1 ² | i | 1 ¹ 1 ¹ |
| J | 3 ⁰ | 3 ⁶ | 4 ⁰ | 5 ⁰ | j | 2 ⁰ 2 ² |
| K | 3 ² | 4 ¹ | 4 ³ | 5 ⁴ | k | 3 ⁵ 4 ² |
| L | 3 ⁰ | 3 ⁵ | 4 ⁰ | 4 ⁷ | l | 1 ¹ 1 ¹ |
| M | 3 ² | 4 ⁵ | 5 ¹ | 6 ¹ | m | 6 ⁰ 7 ⁰ |
| N | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | n | 3 ⁵ 4 ² |
| O | 3 ⁴ | 4 ² | 4 ⁵ | 5 ⁵ | o | 3 ⁶ 4 ³ |
| P | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | p | 3 ⁵ 4 ² |
| Q | 3 ¹ | 4 ² | 4 ⁵ | 5 ⁵ | q | 3 ⁵ 4 ² |
| R | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | r | 2 ⁶ 3 ² |
| S | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | s | 3 ⁶ 4 ² |
| T | 3 ⁰ | 3 ⁵ | 4 ⁰ | 4 ⁷ | t | 2 ⁷ 3 ² |
| U | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | u | 3 ⁵ 4 ² |
| V | 3 ⁵ | 4 ⁴ | 4 ⁷ | 6 ⁰ | v | 4 ² 4 ⁷ |
| W | 4 ⁴ | 5 ² | 6 ⁰ | 7 ⁰ | w | 5 ⁵ 6 ⁴ |
| X | 3 ⁴ | 4 ⁰ | 4 ⁵ | 5 ³ | x | 4 ⁴ 5 ¹ |
| Y | 3 ⁶ | 5 ⁰ | 5 ⁰ | 6 ⁶ | y | 4 ⁶ 5 ³ |
| Z | 3 ² | 4 ⁰ | 4 ³ | 5 ³ | z | 3 ⁶ 4 ³ |

| NUMBER | 6 INCH SERIES | | 8 INCH SERIES | |
|--------|----------------|----------------|----------------|----------------|
| | C | D | C | D |
| 1 | 1 ² | 1 ⁴ | 1 ⁵ | 2 ⁰ |
| 2 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 3 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 4 | 3 ⁵ | 4 ³ | 4 ⁷ | 5 ⁷ |
| 5 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 6 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 7 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 8 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |
| 9 | 3 ² | 4 ⁰ | 4 ³ | 5 ³ |

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 60 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNIFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNIFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:

- J.O. HERBERT CO. MIDDLEBURY, VA.
- WESTERN REMAC INC. WOODBRIDGE, IL.

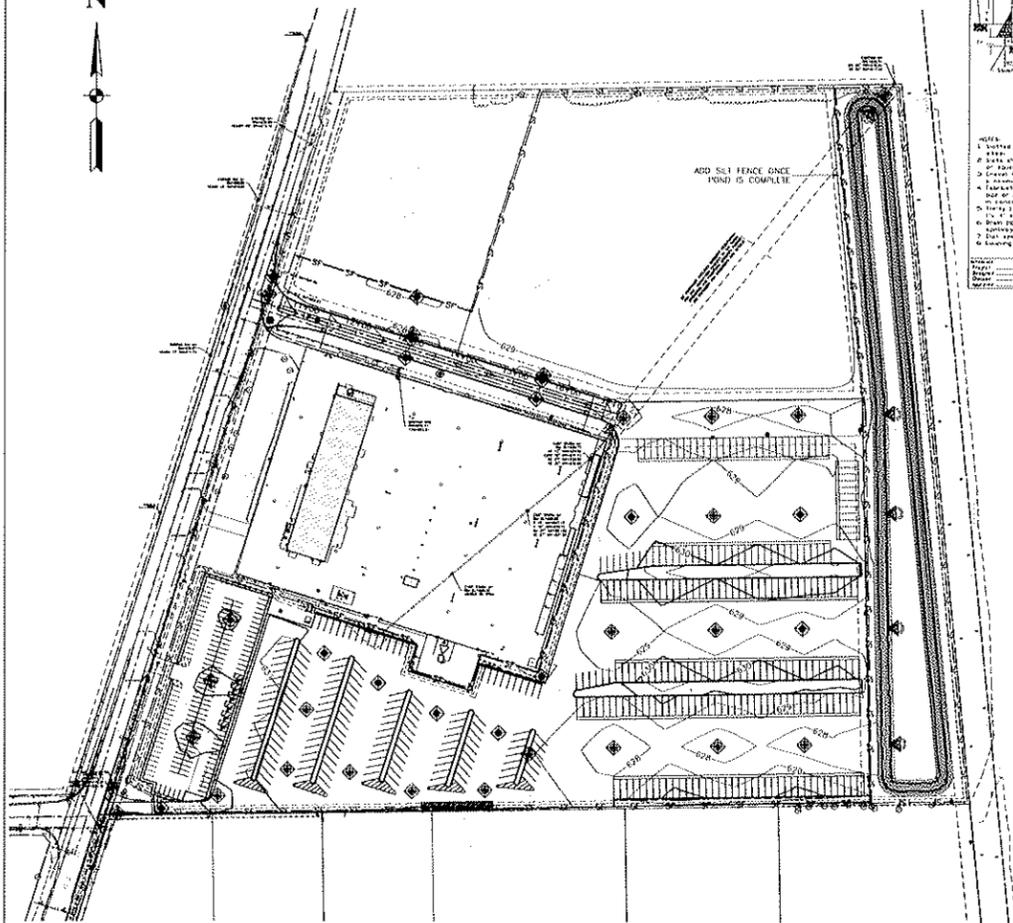
PARTS LISTING:

- SIGN CHANNEL PART #HPND33 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
- BRACKETS PART #HPND34 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

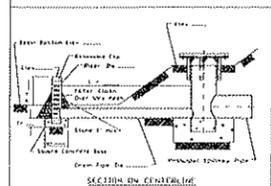
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

ROBINSON ENGINEERING, LTD.
 1100 S. W. 10th St., Ft. Lauderdale, FL 33304
 (305) 467-1000
 GLENWOOD INDUSTRIAL NORTH
 SITE IMPROVEMENTS
 TRAFFIC SIGNAL PLANS
 MAST ARM MOUNTED STREET NAME SIGNS
GLENWOOD, ILLINOIS

Drawing: JLB Date: 09-12-14
 Checked: W.J.C. Drawn: RONE
 Scale: 20' = 1" Project No.: 10-363 DE

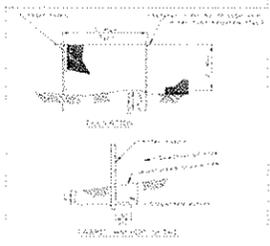


SEDIMENT BASIN DEWATERING DEVICE



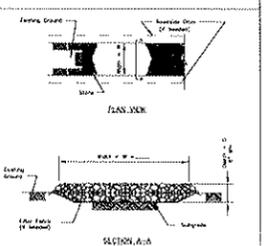
- NOTES:
1. Sediment basins shall be fabricated from corrugated metal or smooth steel.
 2. Basins shall be suitably anchored to prevent floating.
 3. Coarse filter, of stone, shall be 24 inches deep and shall have a minimum porosity of 2%.
 4. Fabricated or finished metal, fabricated or finished steel with the soil on top or bottom and/or finished concrete shall be used for the structure.
 5. The filter shall be 48 inches deep.
 6. Drain pipe shall be 4 inches diameter and shall be installed for the entire length.
 7. Drain pipe shall be 4 inches diameter and shall be installed for the entire length.
 8. Leaving 18 inches of air space on structure opening to 180°.

SILT FENCE PLAN

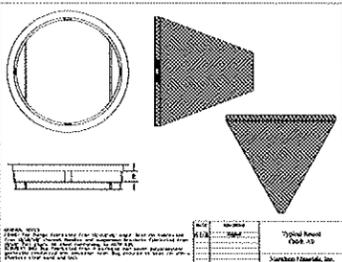


- NOTES:
1. Silt fences shall be constructed from silt fence fabric or equivalent material.
 2. Silt fences shall be installed in a straight line and shall be 12 inches high.
 3. Silt fences shall be installed in a straight line and shall be 12 inches high.
 4. Silt fences shall be installed in a straight line and shall be 12 inches high.

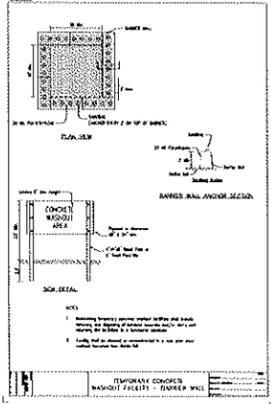
CONSTRUCTION ROAD STABILIZATION



- NOTES:
1. The silt fence shall be installed on the aggregate layer and shall be 12 inches high.
 2. The silt fence shall be installed on the aggregate layer and shall be 12 inches high.
 3. The silt fence shall be installed on the aggregate layer and shall be 12 inches high.



| KEY | ITEM NAME |
|-----|---|
| | PERIMETER EROSION BARRIER TO BE PLACED 1' FROM R.O.M. |
| | INLET FILTER |
| | INLET AND PIPE PROTECTION |
| | SEEDING, SALT TOLERANT |
| | SEEDING CLASS 2A WITH EXCESSION BLANKET |
| | TEMPORARY DITCH CHECKS |



TEMPORARY EROSION CONTROL STRUCTURE

ROBINSON ENGINEERING, L.T.O.
 1400 W. 11th Street, Suite 100, Glenwood, IL 60140
 (815) 431-1100
 www.robinson-engineering.com

**GLENWOOD INDUSTRIAL NORTH
 SITE IMPROVEMENTS
 EROSION CONTROL PLAN**

GLENWOOD, ILLINOIS

Drawn by: RWM Date: 09-12-14
 Checked by: JLD Date: 10-01-14
 Scale: 1" = 100' Project No.: 10-365-02

| REVISIONS | | |
|-----------|------|-------------|
| No. | Date | Description |
| | | |
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GENERAL NOTES

THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMITS CONSTRUCTION GENERAL PERMIT (CGP) ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.

1. PROJECT DESCRIPTION

THE SUBJECT PROJECT CONSISTS OF THE CONSTRUCTION OF THE PARKING LOT, INSTALLATION OF STORM SEWER, SANITARY SEWER WATER MAIN, PARKING LOT AND THE CONSTRUCTION OF A DETENTION POND. THE PROJECT IS LOCATED WITHIN THE VILLAGE OF GLENWOOD CORPORATE LIMITS AT THE INTERSECTION OF CHICAGO-NORTH/LEWISWOOD ROAD AND HOLBROOK ROAD. THE TOTAL SITE AREA IS APPROXIMATELY 0.37 ACRES. AREA OF SOIL DISTURBANCE IS APPROXIMATELY 29.15 ACRES. THE RECEIVING WATER IS THEORY CREEK. EXISTING AND FUTURE DRAINAGE PATTERNS ARE THE SAME AND ARE INDICATED ON GRADING AND EROSION CONTROL PLAN. THERE ARE NO KNOWN SUBSIDIARY WELLS WITHIN THE PROPOSED LIMITS OF CONSTRUCTION FOR THIS IMPROVEMENT. THE REGULATORY 100-YEAR FLOODPLAINS, WITHIN THE PROJECT LIMITS, ARE SHOWN ON THE BELOW FIGURE. THE DISTURBED AREA SHALL BE LIMITED TO THE PROJECT LIMITS SHOWN ON THE PLANS.



2. EXISTING SITE CONDITIONS AND SURROUNDING AREAS

THE WORK IS CONTAINED WITHIN THE PROJECT LIMITS SHOWN ON PLANS. AREAS SURROUNDING THE PROJECT ARE CURRENTLY BEING USED FOR OFFICES TO THE SOUTH AND NORTH, FOREST, PRESERVE/OPEN SPACE TO THE EAST AND INDUSTRIAL TO THE SOUTH.

3. SOILS

THE SOILS WITHIN THE PROJECT SITE ARE A MIXTURE OF CLAY, AND SILTY CLAY. EXCAVATION OUTSIDE OF PAVED AREAS WILL BE BACKFILLED WITH NATIVE SOILS. INFORMATION DESCRIBING THE SOILS AT THE SITE IS CONTAINED IN THE SOILS REPORT FOR THE PROJECT, WHICH IS HEREBY INCORPORATED BY REFERENCE.

4. CRITICAL AREAS

THE CONTRACTOR SHALL, TO THE EXTENT PRACTICABLE, MINIMIZE SEVERITY OF EROSION AS WELL AS EROSION ALONG THE BANKS, SLOPES, AND OTHER AREAS.

5. STANDARD SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES

SOIL EROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS AS PROVIDED IN THE PLANS. SILT FENCE SHALL BE INSTALLED ALONG THE PERIMETER OF THE PROJECT SITE AS SHOWN ON THIS SHEET. DITCH CHECKS WILL BE USED WHERE APPROPRIATE. ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION. AFTER AWARD OF THE CONTRACT, THE CONTRACTOR FOR THE PROJECT SHALL SIGN THIS PLAN ACKNOWLEDGING RESPONSIBILITY FOR THE IMPLEMENTATION OF ON-SITE MAINTENANCE OF THIS PLAN. THE EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 0.2" ANY VISIBLE DISTURBANCE TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED. ANY EXISTING SUBSURFACE DRAINAGE SYSTEMS OR FIELD TILES THAT ARE DISTURBED DURING THE CONSTRUCTION SHALL BE RESTORED. TOPSOIL SHALL BE STRIPPED AT THE TIME OF EXCAVATION AND REPLACED DURING THE BACKFILL OPERATION. ANY DIRT OR MUD FROM THIS PROJECT TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED UP AT THE END OF EACH WORKING DAY.

6. PERMANENT STABILIZATION PLANS

ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE LANDSCAPE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL VEGETATION AND SEEDING AREAS FOR A PERIOD OF ONE-YEAR AFTER COMPLETION OF THE PROJECT.

7. MAINTENANCE OF EROSION CONTROL PRACTICES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES DESCRIBED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

THE PROCEDURES SET FORTH IN THE ILLINOIS URBAN MANUAL SHALL BE FOLLOWED WHERE APPLICABLE. IF NOT, APPLICABLE PROCEDURES SHALL BE FOLLOWED IN ACCORDANCE WITH MANUFACTURERS STANDARDS.

CONSTRUCTION SEQUENCE

1. INSTALL EROSION CONTROL
2. SALT FENCE
3. CONSTRUCTION ENTRANCE
4. DEMOLITION OF EXISTING PAVEMENT
5. MASS CEMENTATION
6. INSTALLATION OF PROPOSED STORM SEWER
7. FINE GRADING
8. PAVING
9. LANDSCAPING
10. REMOVE SALT FENCE AFTER VEGETATION IS ESTABLISHED

INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER (OR EQUIVALENT SNOWFALL).

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES DEFINED IN THE IMPROVEMENT PLANS SHALL BE OBSERVED TO ENSURE THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POLLUTANT SOURCES IDENTIFIED IN THE PROJECT DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED UNDER EROSION AND SEDIMENT CONTROL SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAMES OF AND OBSERVATIONS OF PERSONNEL MAKING THE INSPECTION, DATES OF THE INSPECTIONS, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH THE ABOVE SECTION B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "ADVISEMENT OF NON-COMPLIANCE" WITHIN FIVE (5) DAYS OF IDENTIFICATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NON-COMPLIANCE, ACTIONS TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE. ALL REPORTS OF NON-COMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE REPORT OF NON-COMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
47TH COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19278
SPRINGFIELD, ILLINOIS 62704-0276

(WITH COPIES SENT TO THE OWNER AND ENGINEER)

27. MAINTENANCE OF EROSION CONTROL PRACTICES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES DESCRIBED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

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STORMWATER MANAGEMENT

PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

I. SUCH PRACTICES MAY INCLUDE: STORMWATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORMWATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, RATIONATION OF RUNOFF ON SITE, AND SEDIMENTAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 10-300 (DESIGN CONSIDERATIONS) IN THE TRANSPORTATION DRAINAGE MANUAL. IF PRACTICES OTHER THAN THOSE ENDOUSED IN SECTION 10-300 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO THE SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 10-300, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

II. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTLET CHANNEL AS NECESSARY TO PROVIDE A HIGH-VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDROMORPHICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS

1. INSTALL THE "SLOUT" OR APPROVED EQUAL IN THE LOCATIONS SHOWN.
2. PLACE THE "SILT SAVER" OR APPROVED EQUAL OVER ALL STORM STRUCTURES.
3. INSTALL PERMANENT EROSION CONTROL MEASURES SHOWN ON THE LANDSCAPE PLAN.

STABILIZATION PRACTICES

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED. UNDER EACH ACTIVITY, THE CONSTRUCTION THAT WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED. EACH SUCH CONTRACTOR SHALL SIGN THE REQUIRED CERTIFICATION ON FORMS WHICH ARE PART OF THIS PLAN.

1. INSTALL ALL PERIMETER SILT FENCING PRIOR TO ANY CLEANING OR GRADING. ON-SITE SEDIMENT CONTROL MEASURES AS SHOWN ON THE IMPROVEMENT PLANS SHALL BE CONSTRUCTED AND FUNCTIONING PRIOR TO INITIATING CLEARING, GRADING, STRIPPING, EXCAVATION OR FILLING ACTIVITIES ON THE SITE.

2. ALL DISTURBED AREAS SHALL BE STABILIZED BY SEEDING WITHIN FOURTEEN (14) DAYS OF COMPLETION OF DISTURBANCE OR WITHIN LEFT BARE FOR FOURTEEN (14) DAYS OR MORE AND GRASS SOON AS POSSIBLE. SEEDING SHALL BE PERFORMED TO RE-ESTABLISH VEGETATION FOR CONTROL OF SILTATION AND SOIL EROSION.

3. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ACRE OR 150 LBS/ACRE DEPENDING ON THE SEED MIXTURE USED.

4. TOPSOIL STOCKPILES SHALL BE SEEDING WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION FOR EROSION CONTROL. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWN-SLOPE SIDE OF THE PILES.

5. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPENSER FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADERS TO PROVIDE A UNIFORM RATE OF APPLICATION.

6. TEMPORARY GRAVEL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED, ADJUSTED, OR RELOCATED AS NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.

7. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE.

8. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.

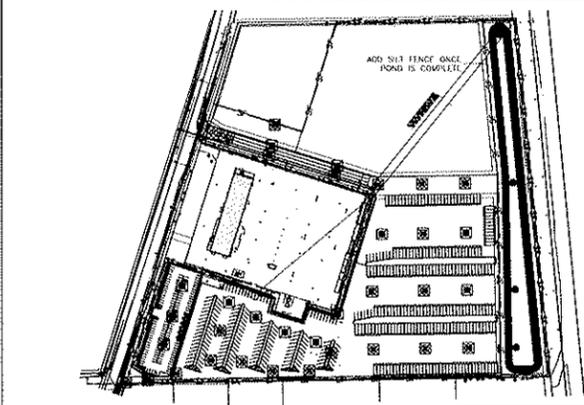
9. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND REPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.

10. SLOPING EROSION CONTROLS ARE SHOWN ON GRADING AND EROSION CONTROL PLAN.

11. DITCH CHECKS (NO SHAW BALES) SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS (I.E. DITCHES) AS CONSTRUCTION PROGRESSES. DITCH CHECK SHOULD BE EITHER ROCK CHECK DAMS, SEDIMENT LOGS, OR DECTECTABLE-DITCHED LUSHING TOWNS.

12. COMPLETED SLOPES SHALL BE SEEDING AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHEREVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PRODUCE FINE, GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.

13. ON SLOPES GREATER THAN 4:1 V:1, SEDIMENT LOGS SHALL BE PLACED AS NEEDED PARALLEL TO THE CONTOUR LINES TO REDUCE SLOPE LENGTHS UNTIL STABILIZATION OCCURS.



ALL DISTURBED AREAS, EXCEPT FOR DETENTION BASIN (SECTION 10-300), SHALL BE RESTORED WITH MINIMUM 6" TOP SOIL AND SEEDING WITH SOOT CLASS 2A MIXTURE. BASIN BOTTOM TO CONTOUR 520 SHALL BE RESTORED WITH 12" TOPSOIL AND SEEDING WITH SOOT CLASS 4B MIXTURE EXCEPT FOR SEDIMENTATION PRODUCTS.

WISCONSIN EROSION CONTROL NOTES:

THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR FOURTEEN (14) DAYS OF COMPLETION OF DISTURBANCE OR WITHIN LEFT BARE FOR FOURTEEN (14) DAYS OR MORE AND GRASS SOON AS POSSIBLE. SEEDING SHALL BE PERFORMED TO RE-ESTABLISH VEGETATION FOR CONTROL OF SILTATION AND SOIL EROSION.

TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ACRE OR 150 LBS/ACRE DEPENDING ON THE SEED MIXTURE USED.

TOPSOIL STOCKPILES SHALL BE SEEDING WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION FOR EROSION CONTROL. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWN-SLOPE SIDE OF THE PILES.

WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPENSER FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADERS TO PROVIDE A UNIFORM RATE OF APPLICATION.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED, ADJUSTED, OR RELOCATED AS NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.

ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE.

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.

ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND REPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.

SLOPING EROSION CONTROLS ARE SHOWN ON GRADING AND EROSION CONTROL PLAN.

DITCH CHECKS (NO SHAW BALES) SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS (I.E. DITCHES) AS CONSTRUCTION PROGRESSES. DITCH CHECK SHOULD BE EITHER ROCK CHECK DAMS, SEDIMENT LOGS, OR DECTECTABLE-DITCHED LUSHING TOWNS.

COMPLETED SLOPES SHALL BE SEEDING AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHEREVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PRODUCE FINE, GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.

ON SLOPES GREATER THAN 4:1 V:1, SEDIMENT LOGS SHALL BE PLACED AS NEEDED PARALLEL TO THE CONTOUR LINES TO REDUCE SLOPE LENGTHS UNTIL STABILIZATION OCCURS.

STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM THE EXISTING ACTIVITIES, SOURCES OF NON-CONFORMING FLOWS WITH SUBSTANTIAL DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY DESCRIBED IN THIS PLAN MUST BE RESTORED WITHIN APPROVED POLLUTION PREVENTION MEASURES AS DESCRIBED BELOW. WILL BE IMPLEMENTED FOR THE NON-CONFORMING COMPONENTS OF THE DISCHARGE.

APPROVED STATE OR LOCAL PLANS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH LOCAL SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S URBAN MANUAL, 1995. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS OR SITE PERMITS OR STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMITS PERMITS INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

EROSION CONTROL NOTES:

THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL, WITHIN 24 HOURS OF THE TIME SEEDING HAS BEEN PERFORMED, THE APPEARANCE OF SOIL. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL, WITHIN 24 HOURS OF THE TIME SEEDING HAS BEEN PERFORMED, THE APPEARANCE OF SOIL. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL, WITHIN 24 HOURS OF THE TIME SEEDING HAS BEEN PERFORMED, THE APPEARANCE OF SOIL.

ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION.

ANY UNEXPECTED DISTURBANCE TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

ALL SOIL, INCLUDING STOCK PILES, SHALL BE STABILIZED WITHIN 7 DAYS OF SOIL DISTURBANCE BY MEANS OF TEMPORARY SEEDING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. REPAIRS AND REVISIONS SHALL BE SUBMITTED TO THE MUNICIPALITY FOR REVIEW AND APPROVAL.

TEMPORARY SEEDING SHALL BE FERTILIZED WITH 500 LBS/ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT TO BE USED AT THE DISCRETION OF THE ENGINEER.

CONTRACTOR CERTIFICATION

THIS CERTIFICATION STATEMENT IS PROVIDED AS PART OF THE REQUIREMENTS OF GENERAL NPDES PERMIT NO. 181440.

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (181440) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

CONTRACTOR: HEDDINGTON ENGINEERING, L.P.C. DATE: 09-12-14

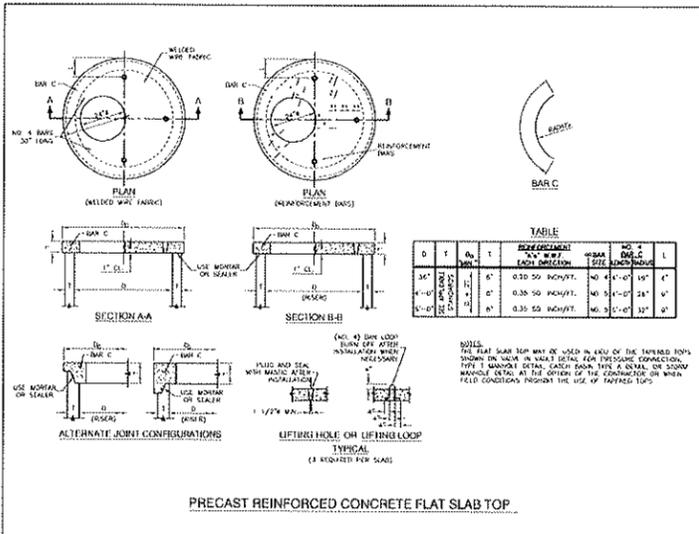
APPROVED: GLENWOOD INDUSTRIAL NORTH SITE IMPROVEMENTS SWPPP

GLENWOOD, ILLINOIS

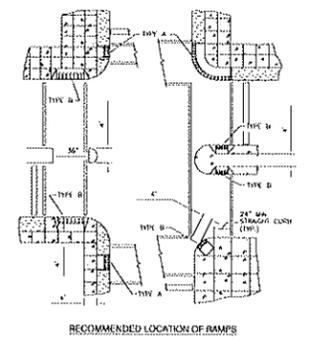
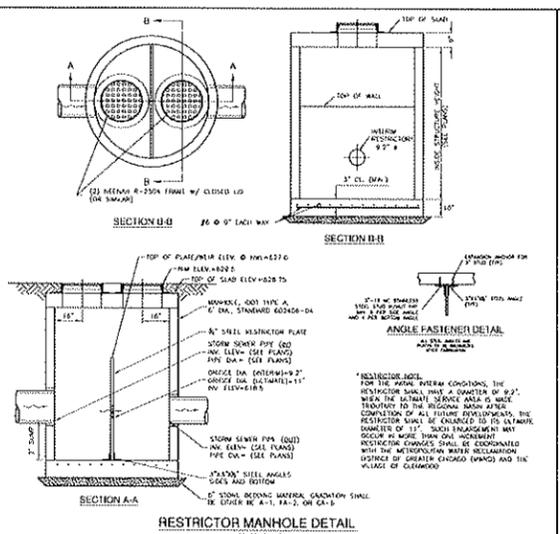
City: KVM Date: 09-12-14

County: W.J.C. Scale: 1" = 100'

Sheet: 28 of 35 Date: 10-30-07



| NO. | DESCRIPTION | QTY | UNIT | REMARKS |
|-----|-----------------------|-----|------|---------|
| 1 | NO. 4 BARS @ 30" LONG | 4 | EA | |
| 2 | NO. 4 BARS @ 30" LONG | 4 | EA | |
| 3 | NO. 4 BARS @ 30" LONG | 4 | EA | |
| 4 | NO. 4 BARS @ 30" LONG | 4 | EA | |



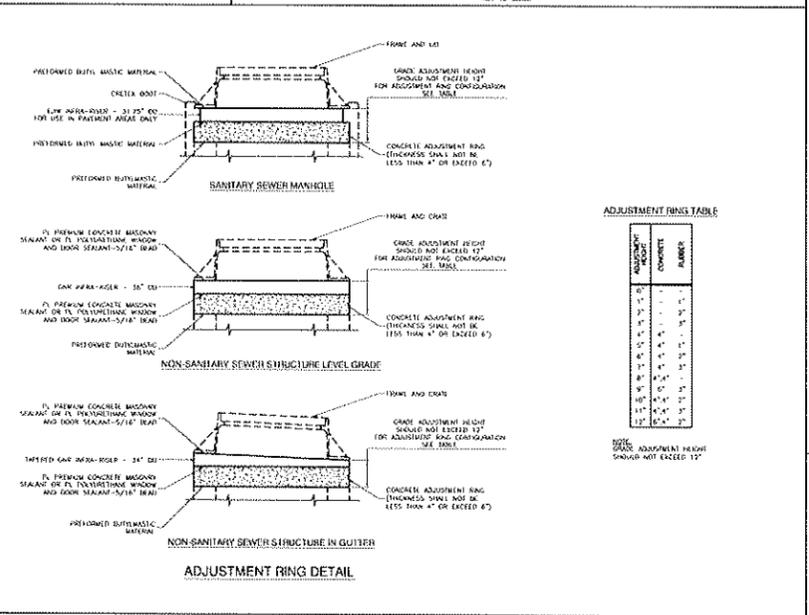
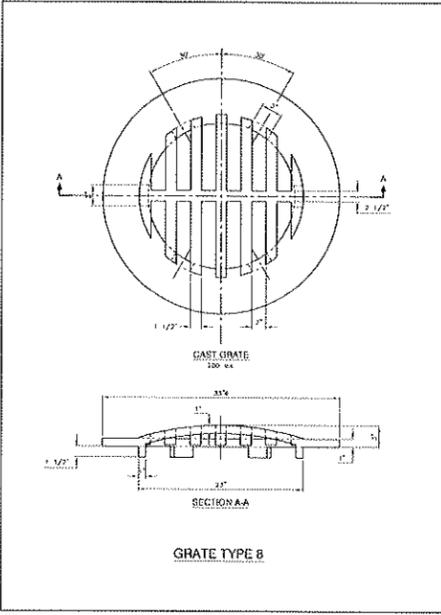
LEGEND

- (E) SIDEWALK
- (S) SLOPE
- (R) RETENABLE MARKINGS
- (Z) NON-WALKING AREA

NOTES:

1. RETENABLE MARKINGS SHALL BE 24" X 60" ANTI-SLIP CONCRETE OR PLATE AND BE 1/2" THICK. FEDERAL STANDARD COLOR SPEC. SHALL BE USED FOR MARKINGS.
2. FOR ADDITIONAL DETAILS, SEE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD DRAWING 44001, CURB RAMPS FOR SIDEWALKS.

SIDEWALK RAMP DETAILS



ADJUSTMENT RING TABLE

| ADJUSTMENT RING HEIGHT | CONCRETE | NUMBER |
|------------------------|----------|--------|
| 0" | 1" | 1 |
| 1" | 1" | 2 |
| 2" | 1" | 3 |
| 3" | 1" | 4 |
| 4" | 1" | 5 |
| 5" | 1" | 6 |
| 6" | 1" | 7 |
| 7" | 1" | 8 |
| 8" | 1" | 9 |
| 9" | 1" | 10 |
| 10" | 1" | 11 |
| 11" | 1" | 12 |
| 12" | 1" | 13 |

NOTE: GRADE ADJUSTMENT HEIGHT SHOULD NOT EXCEED 12"

VILLAGE OF GLENWOOD STANDARD DETAILS

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|---------|-------------|
| 1 | 2/20/07 | ISSUE |
| 2 | 2/20/07 | ISSUE |



230 N. Milwaukee Ave.
Vernon Hills, IL 60061
Toll-free: 800.808.4239
CDWG.com

Purchase Order # 20130418

PURCHASE ORDER

Vendor:

CDW Government, Inc.
75 Remittance Dr. Suite 1515
Chicago, IL 60675-1515
Toll-Free: 800.808.4239

Bill To:

Organization Name Village of Glenwood
Address Attn: Accounts Payable
1 ASSELBORN WAY
City, State, Zip GLENWOOD, IL 60425-1400
Phone # (708) 753-2400

Ship To:

Organization Name Village of Glenwood
Address Attn: Demetrious Cook
1 ASSELBORN WAY
City, State, Zip GLENWOOD, IL 60425-1400
Phone # (708) 753-2400

Issuing Agency/Department: Village/PD

| Qty. | CDWG Part # | Description | Unit Price | Total |
|------|-------------|---------------------------------------|------------|----------|
| 1 | 3127754 | HP ML350PT08 E5-2620V2 SFF BASE SVR | 1,750.33 | 1,750.33 |
| 1 | 3127730 | HP ML350P GEN8 E5-2620V2 KIT/SB | 508.54 | 508.54 |
| 2 | 3145290 | HP 8GB 1RX4 PC3L-12800R-11 KIT/SB | 120.96 | 241.92 |
| 2 | 2751949 | HP 300GB 6G SAS 15K RPM SFF | 422.52 | 845.04 |
| 4 | 3268840 | HP 1TB 6G SAS 7.2K 2.5IN SC MDL HDD | 483.63 | 1,934.52 |
| 1 | 2637044 | HP GEN8 ETHERNET 1GB 4PORT 331T ADPT | 283.00 | 283.00 |
| 1 | 1685893 | HP 400W H/E 12V HOTPLUG AC PWR SUPPLY | 180.10 | 180.10 |
| 1 | 2637149 | HP GEN8 HOT PLUG REDUNDANT FAN KIT | 121.85 | 121.85 |
| 1 | 987556 | HP ONSITE INTALL PROLIANT ML350 | 195.00 | 195.00 |
| 1 | 3105974 | HPE SB 3YR 24X7X4 ML350P PROCARE | 1034.32 | 1,034.32 |
| 1 | 2960689 | HP SB INSIGHT CONTROL E-LTU | 305.27 | 305.27 |
| 1 | 2856270 | HP CP SVC FOR PROLIANT TRAINING | 699.00 | 699.00 |
| 1 | 3178091 | MS SLD+ WIN SRV STD 2012 R2 2 PROC | 574.84 | 574.84 |

Notes/Remarks

Please see second Purchase Page for final total

Subtotal

Shipping \$0.00

Taxes (if applicable) \$0.00

Total

Net 30 Terms

Print Name:

Signature Required:

Date:

Program Signature Form

| | | |
|------------------|---------|-------------|
| MBA/MBSA number | | Proposal ID |
| Agreement number | 6218119 | |

Note: Enter the applicable active numbers associated with the documents below. Microsoft requires the associated active number be indicated here, or listed below as new.

For the purposes of this form, "Customer" can mean the signing entity, Enrolled Affiliate, Government Partner, Institution, or other party entering into a volume licensing program agreement.

This signature form and all contract documents identified in the table below are entered into between the Customer and the Microsoft Affiliate signing, as of the effective date identified below.

| Contract Document | Number or Code |
|---|-------------------------|
| <Choose Agreement> | Document Number or Code |
| <Choose Agreement> | Document Number or Code |
| <Choose Agreement> | Document Number or Code |
| <Choose Agreement> | Document Number or Code |
| <Choose Agreement> | Document Number or Code |
| Select Plus Affiliate Registration Form | X20-11591 |
| <Choose Enrollment/Registration> | Document Number or Code |
| <Choose Enrollment/Registration> | Document Number or Code |
| <Choose Enrollment/Registration> | Document Number or Code |
| <Choose Enrollment/Registration> | Document Number or Code |
| Document Description | Document Number or Code |
| Document Description | Document Number or Code |
| Document Description | Document Number or Code |
| Document Description | Document Number or Code |
| Document Description | Document Number or Code |

By signing below, Customer and the Microsoft Affiliate agree that both parties (1) have received, read and understand the above contract documents, including any websites or documents incorporated by reference and any amendments and (2) agree to be bound by the terms of all such documents.

| Customer |
|---|
| Name of Entity (must be legal entity name)* |
| Signature* _____ |
| Printed First and Last Name* |
| Printed Title |
| Signature Date* |
| Tax ID |

* indicates required field

| Microsoft Affiliate |
|---|
| Microsoft Licensing, GP |
| Signature _____ |
| Printed First and Last Name |
| Printed Title |
| Signature Date |
| <small>(date Microsoft Affiliate countersigns)</small> |
| Agreement Effective Date |
| <small>(may be different than Microsoft's signature date)</small> |

Optional 2nd Customer signature or Outsourcer signature (if applicable)

| Customer |
|---|
| Name of Entity (must be legal entity name)* |
| Signature* _____ |
| Printed First and Last Name* |
| Printed Title |
| Signature Date* |

* indicates required field

| Outsourcer |
|---|
| Name of Entity (must be legal entity name)* |
| Signature* _____ |
| Printed First and Last Name* |
| Printed Title |
| Signature Date* |

* indicates required field

If Customer requires physical media, additional contacts, or is reporting multiple previous Enrollments, include the appropriate form(s) with this signature form.

After this signature form is signed by the Customer, send it and the Contract Documents to Customer's channel partner or Microsoft account manager, who must submit them to the following

address. When the signature form is fully executed by Microsoft, Customer will receive a confirmation copy.

Microsoft Licensing, GP
Dept. 551, Volume Licensing
6100 Neil Road, Suite 210
Reno, Nevada 89511-1137
USA





Select Plus Affiliate Registration Form State and Local

| | | | |
|---|---|--|----------|
| Registration Type <i>Reseller to complete</i> | Lead Affiliate <input type="checkbox"/> Additional Affiliate <input checked="" type="checkbox"/> | Lead Affiliate Public Customer Number (PCN) <i>Reseller to complete</i> | 96F25BED |
| Agreement Number Microsoft or Reseller to complete | 6218119 | Additional Affiliate Public Customer Number (PCN) <i>Reseller to complete</i> | |
| Qualifying Contract <i>Reseller to complete</i> | | Change Affiliate Anniversary Month <i>Reseller to complete</i> | October |

By registering, Registered Affiliate accepts and agrees to be bound by the terms of the agreement and any applicable attachments (the "Agreement"), and will be allowed to acquire Products in accordance with the Agreement.

If Registered Affiliate registers as an Additional Affiliate, Registered Affiliate represents that the Additional Affiliate is an eligible entity of the Lead Affiliate identified above.

This registration is valid when accepted by Microsoft and until it is terminated. Registered Affiliate will receive an acceptance notification confirming the effective date of this registration. Microsoft may refuse to accept a registration if there is a business reason for doing so. Either party may terminate this registration for any reason with 60 days advance written notice. Terminating this registration will terminate the Registered Affiliate's ability to place Orders under the Agreement.

Each Registered Affiliate may qualify for and receive additional benefits by electing Software Assurance membership. By electing Software Assurance membership, the Registered Affiliate is committing to include Software Assurance with every eligible Order. To make this election, complete and submit the Select Plus Software Assurance Membership Election Form.

In order to use a third party to reimage the Windows Operating System Upgrade, Registered Affiliate must certify that it has acquired qualifying operating system licenses. See the Product List for details.

1. Primary Contact Information.

Registered Affiliate must identify an individual from inside its organization to serve as the primary contact. This contact is also an Online Administrator for the Volume Licensing Service Center and may grant online access to others.

- Name of entity*
- Contact name*: First Last
- Contact email address*
- Street address*
- City*
- State*
- Postal code*
- Country*
- Phone*
- Tax ID

* indicates required fields

2. Notices contact and online administrator.

This individual receives contractual notices. They are also the online Administrator for the Volume Licensing Service Center and may grant online access to others.

- Same as primary contact
- Name of entity*
- Contact name*: First Last

Contact email address*
Street address*
City*
State*
Postal code*
Country*
Phone*

This contact is a third party (not the Registered Affiliate). Warning: This contact receives personally identifiable information of the Registered Affiliate.

* indicates required fields

3. Language preference.

Select the language for notices. English

4. Reseller information.

Reseller company name* CDW Logistics, Inc
Street address (PO boxes will not be accepted)* 200 N Milwaukee Ave
City* Vernon Hills
State* IL
Postal code* 60061
Country* USA
Contact name* Dan Field
Phone* 312-705-5062
Contact email address* dan.field@ms.cdw.com

* indicates required fields

The undersigned confirms that the information is correct.

| |
|--------------------------------------|
| Name of Reseller* CDW Logistics, Inc |
| Signature* _____ |
| Printed name* |
| Printed title* |
| Date* |

* indicates required fields

Changing a Reseller. If Microsoft or Reseller chooses to discontinue doing business with one another, Registered Affiliate must choose a replacement Reseller. If Registered Affiliate or Resellers intends to terminate their relationship, the initiating party it must notify Microsoft and the other party, using a form provided by Microsoft at least 90 days prior to the date on which the change is to take effect.

5. Supplemental Contacts.

Customer's Notices Contact identified above is the default contact for administrative and other communications. However, Customer may designate additional contacts using the Supplemental Contact Information form.

6. Software Assurance Membership Election.

Each Registered Affiliate may qualify for and receive additional benefits with Software Assurance membership. By electing Software Assurance membership below, Registered Affiliate is committing for a minimum period of one year to include Software Assurance with every eligible Order, and to maintain Software Assurance for all copies of Products licensed under this program for at least one Product pool.

| Product pools | Yes | No |
|---------------|--------------------------|-------------------------------------|
| Applications | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Systems | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Servers | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Note: If "Yes" is marked, orders for Licenses without Software Assurance will not be accepted.

Only valid if attached to a signature form.





Order #: S4350889
 P/O # : LPR SETUP
 Printed: 15:18:20 10 SEP 2014
 Page # : 1 of 2
 Warehouse: Shp 9 Prc 9

Sold To:
 VILLAGE OF GLENWOOD
 ONE ASSELBORN WAY
 GLENWOOD, IL 60425

Ship To:
 VILLAGE OF GLENWOOD
 VILLAGE OF GLENWOOD
 1 ASSELBORN WAY
 GLENWOOD, IL 60425
 708-753-2400

| ORDERED BY | FREIGHT ALLOWED | RELEASE # | SALESPERSON | |
|-------------|---|----------------|---------------|------------|
| CHIEF COOK | No | | HOUSE ACCOUNT | |
| WRITER | SHIP VIA | TAX EXEMPT # | SHIP DATE | ORDER DATE |
| DOUG LOWERY | DIRECT | WTING ON PPWRK | 07/21/14 | 06/18/14 |
| ORDERED | PRODUCT DESCRIPTION | Unit Prc | Ext Prc | |
| 1ea | PCSM 10864/1 QTY1 LAW ENFORCEMENT PROFESSIONAL INSTALLATION AND TRAINING | 3294.120/ea | 3294.12 | |
| 1ea | FREIGHT CHARGE | 135.000/ea | 135.00 | |
| 1ea | GNTC GSC-BASE SECURITY CENTER BASE PACKAGE | 0.000/ea | 0.00 | |
| 1ea | GNTC GSC-AV-S GSC AUTOVU STANDARD BASE PACKAGE. WORKS WITH GENETEC SECURITY CENTER (SOLD SEPARATELY) SQL 2008 EXPRESS EDITION INCLUDED. FULL MICROSOFT SQL SERVER 2008 PACKAGE NOT INCLUDED. CAMERA CONNECTION NOT INCLUDED | 862.330/ea | 862.33 | |
| 1ea | GNTC AU-M-MSBINGNA MICROSOFT VIRTUAL EARTH/BING MAP LICENSE FOR NORTH AMERICA (PER VEHICLE SOFTWARE LICENSE) | 130.000/ea | 130.00 | |
| 1ea | GNTC AU-X-XPU-X2 SHARPX SYSTEM MAIN PROCESSING UNIT. DUAL PROCESSOR/CAMERA CONFIGURATION INCLUDING HORIZONTAL AND VERTICAL MOUNTING. MPU CONNECTORS AND ETHERNET CABLE. (POWER SUPPLY NOT INCLUDED) | 6321.250/ea | 6321.25 | |
| 2ea | GNTC AU-H-XCBL07 SHARPX TO PROCESSING UNIT CABLE (7M/21FT) | 173.330/ea | 346.66 | |
| 2ea | GNTC AU-X-XGA-W12850 WHITE AUTOVU SHARP X CAMERA XGA 12MM LENS AND 850NM ILLUMINATOR | 2843.750/ea | 5687.50 | |



Order #: S4350889
 P/O # : LPR SETUP
 Printed: 15:18:20 10 SEP 2014
 Page # : 2 of 2
 Warehouse: Shp 9 Prc 9

Sold To:
 VILLAGE OF GLENWOOD
 ONE ASSELBORN WAY
 GLENWOOD, IL 60425

Ship To:
 VILLAGE OF GLENWOOD
 VILLAGE OF GLENWOOD
 1 ASSELBORN WAY
 GLENWOOD, IL 60425
 708-753-2400

| ORDERED BY | FREIGHT ALLOWED | RELEASE # | SALESPERSON | |
|-------------|---|----------------|---------------|------------|
| CHIEF COOK | No | | HOUSE ACCOUNT | |
| WRITER | SHIP VIA | TAX EXEMPT # | SHIP DATE | ORDER DATE |
| DOUG LOWERY | DIRECT | WTING ON PPWRK | 07/21/14 | 06/18/14 |
| ORDERED | PRODUCT DESCRIPTION | Unit Prc | Ext Prc | |
| 1ea | GNTC AU-H-USBGPS USB GPS UNIT (NOT REQUIRED IF USING A AU-K-NAVBOX) | 86.670/ea | 86.67 | |
| 2ea | GNTC AU-H-XMNT-CAMLB MOBILE- SHARPX LIGHT BAR BRACKET, LIGHT BAR MAKE, MODEL AND P/N REQUIRED (SOLD PER CAMERA) | 190.670/ea | 381.34 | |
| 1ea | GNTC GSC-AV-S-1PATROLLER ONE (1) PATROLLER CONNECTION | 433.330/ea | 433.33 | |
| 1ea | GNTC AU-P-MIBASE AUTOVU PATROLLER-PER VEHICLE SOFTWARE LICENSE | 1170.000/ea | 1170.00 | |
| 1ea | GNTC SMA-BASE-1Y SMA BASE PACKAGE 1 YEAR | 371.430/ea | 371.43 | |
| 1ea | GNTC SMA-1PATR-1Y | 260.000/ea | 260.00 | |
| | SUBTOTAL | | | 19479.63 |
| | Total Amount | | | 19479.63 |



Heritage Technology Solutions

13600 S. Kenton Ave
Crestwood, IL 60445
Phone: (708)597-5005 | Fax: (708) 597-5091
www.htsps.net



Autovue/Village Server for Glenwood

1. **Term of Agreement.** This Agreement between **Village of Glenwood**, herein referred to as Client and Heritage Technology Solutions, hereinafter referred to as Service Provider, is effective _____, and shall remain in force for the period of performance required to complete the engagement.

HTS intends to undertake the responsibilities noted herein. We imply that these services will be performed in a time conscious and professional manner. Our intention and our objectives are to perform these services with the minimal inconvenience to yourself and your staff. HTS shall not be liable for any damages caused by the delay in furnishing services or other performance under this agreement. The sole and exclusive remedy for any breach of warranty, express or implied, including services furnished under this agreement and all other performance by HTS under or pursuant to this engagement shall be limited to the re-performance of any defective service provided by HTS and shall in no event include incidental or consequential damages.

The prices contained herein represent only the work that is clearly specified and outlined in the attached scope of work. If for any reason a work stoppage or delay is incurred due to unforeseen reason outside of this scope of work, the nature of the problem will be pointed out immediately. At that time, supplemental billing may be incurred outside of the scope of this agreement at the normal billing rate if special arrangements have not been made prior to the onset of this project.

For our objectives to be met, we request that **Village of Glenwood** provide adequate facilities (i.e. space, power outlets, etc.). Additionally, it is understood that **Village of Glenwood** is aware and acknowledge the following issues (*where applicable*):

- a. **Chief Cook of Village of Glenwood** will be the contact for the duration of this agreement. All installation, support, and problem-solving issues will be directed to HTS through this individual. If HTS is to provide other individuals ongoing information concerning the work/scheduling of HTS, it will be the customer's responsibility to provide HTS with the names of any additional individuals prior to DBS beginning the service call.
- b. The customer will allow authorized HTS employees to access all areas involved in the service call from 8:00 a.m. to 4:30 p.m. Monday through Friday or any other time or days needed as mutually agreed upon by both parties.
- c. Our engineering team will be given a temporary user account with administrator rights to all files, file directories and file subdirectories located throughout the network.
- d. The customer ensures that any necessary phone/data lines are installed and are operating according.
- e. The customer ensures that all network cabling to the data jacks complies with industry standards and specifications.
- f. The customer will ensure all data jacks are properly labeled referencing back to the wiring in the data closets.



Heritage Technology Solutions

13600 S. Kenton Ave
Crestwood, IL 60445
Phone: (708) 597-5005 | Fax: (708) 597-5091
www.htspc.net



Appendix A:

Labor does not include software installation assistance to third party vendor.

Labor to include:

- Inventory/Install Components
- Configure Drive Array and Raid
- Install Support Pack/Drivers and Agents
- Install Windows 2012
- Install Patches/Updates
- Install Required Roles/Features
- Configure Networking Component (office/police subnet)
- Install AV Client/LABTECH

- FS1 Migration
- Install AD and create New Domain
- Create User Accounts/Groups
- Create Data Shares
- Install Print Drivers and Share
- Install DHCP
- Install DNS
- Create Data Transfer Scripts and Schedule
- Create Logon Scripts
- Client Migration
- Create Client transfer File(settings) (50)
- Remove from Old Domain/Add to New Domain
- Build new user profiles\email\printers\settings
- remap applications to new location
- Reconnect Symantec Client

- Symantec Management Server
- Create virtual machine/Install 2012
- Patch/Service Packs
- Install Labtech
- Install and Configure Symantec Management Server
- AutoVue Server Install (autovue software installed by vendor)
- Install HyperV and Configure
- Create Virtual Machine/Install 2012



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Configure Networking Components (police subnet)
Install AV/LABTECH
Install Patches/Updates
Install Required Roles/Features for AutoVue
Sql Server Full
Active license/Download software
Install Required features
Install Sql following requirements

Firewall (vendor to supply requirements)
Configure Nat Rules
Configure Address objects
Configure Port Objects

Backup for AutoVue Server (vm)
Create Efolder Account
Install/Configure Datasafe on AutoVue Install
Configure external drive for backup

Install Server into Network
Cable to office subnet and police subnet
Add baseServer to domain- if possible (current domain is SBS)

Update Documentation \$13,750.00

Out of Scope Services: \$500.00

5-hour discounted pre-paid block of time to cover out of project scope services during the project. After the initial block of time is utilized, additional out of scope time will be invoiced as required.



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ACH Recurring Payment Authorization Form

Schedule your payment to be automatically deducted from your checking or savings account. Just complete and sign this form to get started!

Recurring Payments Will Make Your Life Easier:

- It's convenient (saving you time and postage)
Your payment is always on time (even if you're out of town), eliminating late charges

Here's How Recurring Payments Work:

You authorize regularly scheduled charges to your checking or savings account. You will be charged the amount indicated below each billing period. A receipt for each payment will be emailed to you and the charge will appear on your bank statement as an "ACH Debit." You agree that no prior-notification will be provided unless the date or amount changes, in which case you will receive notice from us at least 10 days prior to the payment being collected.

Please complete the information below:

I _____ authorize <Insert Business Name> to charge my bank account
(full name)

indicated below on the _____ of each <insert frequency> for payment of my <insert type of bill>.
(day or date)

Billing Address _____ Phone# _____

City, State, Zip _____ Email _____

Account Type: [] Checking [] Savings

Name on Acct _____

Bank Name _____

Account Number _____

Bank Routing # _____

Bank City/State _____



SIGNATURE _____ DATE _____

I understand that this authorization will remain in effect until I cancel it in writing, and I agree to notify <business name> in writing of any changes in my account information or termination of this authorization at least 15 days prior to the next billing date. If the above noted periodic payment dates fall on a weekend or holiday, I understand that the payment may be executed on the next business day. I understand that because this is an electronic transaction, these funds may be withdrawn from my account as soon as the above noted periodic transaction dates. In the case of an ACH Transaction being rejected for Non Sufficient Funds (NSF) I understand that <business name> may at its discretion attempt to process the charge again within 30 days, and agree to an additional <insert \$> charge for each attempt returned NSF which will be initiated as a separate transaction from the authorized recurring payment. I acknowledge that the origination of ACH transactions to my account must comply with the provisions of U.S. law. I agree not to dispute this recurring billing with my bank so long as the transactions correspond to the terms indicated in this authorization form.