

**SECTION F: PROCUREMENT AND CONSTRUCTION
EXECUTION PLAN**

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I. OVERVIEW

A. Introduction

Communication is viewed as the single most influential element in any undertaking. Therefore, we place a high priority on effective communications. We will take actions to facilitate an environment of efficient and successful communications within its staff and work force, with its vendors and subcontractors, with the Koch Minerals Project Team and with the KCBX South Facility Terminal Plant Operations personnel to ensure a thorough understanding of the project, all requirements and project delivery methods for the safe and successful completion of this project.

The purpose of this Preliminary Execution Plan is to outline the key points and project controls for this project and to provide a description of our plan to ensure that a quality product is provided safely, on time and in compliance with the Koch Minerals and City of Chicago requirements. A brief functional plan for each area or phase is described below. In all cases, these plans are meant to be flexible and will be adjusted to best fit the objectives of the Bulk Handling Facility Enclosure project as it proceeds.

B. Project Organization

The project organization chart is included in Section C of this proposal. The project organization chart identifies the principal project team that will be integral to the design and construction of the project. We have committed a highly skilled and experienced team that is devoted to completing a successful project.

Our approach to this project includes a foundation built on strong project management expertise, and processes and tools for effective project controls. Equally important is our commitment to work closely with Koch Minerals to provide the best, most practical solutions to suit this project's particular needs. Our project team is staffed with project management professionals who have extensive experience managing projects of varying degrees of complexity. The technical and management skills of our project managers are among the principal reasons that our project teams consistently achieve high-quality deliverables, budgetary conformance and schedule adherence.

When we implement a project, we take full project ownership, accountability and responsibility for the development and execution of the project tasks within the proposed scope. The team's approach to the execution of a project is based on the implementation of effective project management techniques and employing experienced project management, engineering and design personnel, permit expeditors, procurement professionals, construction supervision, and startup and commissioning professionals. The

team's focus is always on safe execution of the work, providing practical solutions, cost containment, schedule adherence and high-quality deliverables. This is achieved through effective management and interdisciplinary communications.

II. PROJECT MANAGEMENT

A. Safety Management

The Safety and Health Program, included in Section B of this proposal, is committed to the goal of Zero Injuries. The program is developed to address the following five key elements:

1. Management leadership and employee participation
2. Hazard assessment
3. Hazard prevention and control
4. Training
5. Evaluation of the Program's effectiveness

The implementation of this program focuses on five areas of significance, each of which is discussed in further detail within the Safety and Health Program. These five areas are:

1. Safety pre-project and pre-task planning
2. Safety training and orientation
3. Safety incentives
4. Alcohol and Substance Abuse Program
5. Incident and injury investigation

The responsibility for the implementation of the Safety Program at the site rests with the Project Manager. The Project Manager will be supplemented by specialized safety professionals, but retains overall responsibility for the project safety and health.

B. QA/QC Management and Vendor Surveillance

We are committed to providing the highest quality engineering and construction services. As part of our quality focus, we established a Quality Management System that is based on the proven and independently certified process of our organizations. Our approach to quality is comprehensive and systematic. The elements of our quality system address sustained excellence by stressing consistency, continual improvement and rigorous oversight, including self-checks and independent reviews.

The Quality System Manual is provided in Section F of this proposal.

All subcontractors and vendors will be held to the Quality Systems Manual standards.

ISO Certification

The Quality Program is certified as meeting the ISO 9001 requirements. HSB Registration Services, a well-regarded ISO registrar, has certified the Graycor Quality Program as meeting ISO 9001:2008 requirements. This certification is also included in Section F.

Implementation of the QA/QC Plan begins prior to issuing Request for Proposals (RFPs) to Vendors and Subcontractors. As part of the purchasing process, Vendors and Subcontractors are pre-qualified to verify their qualifications, including financial, safety and quality. After award of a contract, the Vendors and Subcontractors must submit their QA/QC Plans for executing their scopes of work. These plans are reviewed for conformity with the QA/QC Plan and any question or comments are resolved. Where applicable, the Vendors and Subcontractors must provide an Inspection and Test Plan (ITP) identifying witness points where us and the Owner can witness and verify compliance with intermediate quality checkpoints. Vendor surveillance, or shop visits, will be part of our process for monitoring compliance with the overall QA/QC objectives. Key elements of the process for implementation of QA/QC Plan include:

- Reviewing the Contractors' individual QA/QC Plans for the purpose of verifying conformity with the site-specific Project QA/QC Plan.
- Assisting management and supervision with the implementation of the Project QA/QC Plan.
- Auditing the QA/QC programs of Contractors and Vendors.
- Supervising and coordinating the activities of third-party inspection and testing services .
- Managing the activities of the welding process quality plan, including Certified Weld
 - Inspectors (CWIs).
- Coordinating investigations into incidents of non-compliance, preparing Non-Conformance
 - Reports (NCRs) and assisting with development of corrective action plans.
- Managing the Construction Turnover Program.
- Assisting the Construction Manager and Materials Manager with backcharges and/or Overage, Shortage and Damage (OS&D) reports to verify that proper documentation is completed to our interest regarding purchased materials.
- Startup and Commissioning.

The Project Manager has overall responsibility for the implementation of the QA/QC plan.

Within the organization, the Engineering Team and Construction Team will be accountable for administration and implementation of the QA/QC Plan for the Suppliers, Subcontractors and direct work under their control.

C. Project Controls

We will meet project controls objectives and the provisions of Koch Minerals RFP Document by assigning these responsibilities to the Project Engineer with oversight of the Project Manager and participation by all Team members.

The primary scheduling objective will provide overall direction and coordination of each project element by incorporating the activities of all project participants, including the any Owner milestone dates, into the our Project Schedule. The Project Schedule is developed using Primavera P6 v.8.2 (Enterprise Project Portfolio Management). The Project Schedule will integrate the engineering, permitting, procurement, construction, startup, commissioning and training schedules. Within each of these schedules, the individual team member will include the schedules of the suppliers and/or subcontractors within their areas of responsibility. Each team member will assign project scheduler(s) to maintain their schedules and provide updates to the Project Engineer who is responsible for the overall Project Schedule.

The schedule is resource and cost loaded and used as the baseline schedule to monitor actual progress against plan and against forecast completions dates. Activities are progressed by tracking both quantities installed and time remaining to complete, thus enabling earned value to be calculated. The resource loading is used to generate the Manpower Loading Curves in Section E are additional tools for managing the Project.

In addition, the project control objectives include preparing quantitative measurements of actual expenditures versus planned expenditures based on man-hours and cost. Using these measures, reports such as, Earned Value (EV) Reports, Cost Performance Index (CPI), Schedule Performance Index (SPI) and cash flow are prepared. The management team utilizes the reports to monitor and control project costs.

The Project Engineer will be responsible for project scheduling including:

- Preparation and maintenance of the Project Schedule, including implementation of the Owner's schedule template and project codes
- Prepare the Submittal Schedule
- Monitor progress and update the schedule with actual start and completion dates

- Prepare schedule revisions for review by management showing delivery revisions, design changes or contractor interface revisions
- Prepare, if necessary, recovery schedules
- Prepare and submit weekly schedule updates
- Prepare and submit Look Ahead schedules
- Prepare and submit the Daily Progress Report
- Prepare and submit the Daily Force Report to the Owner
- Contribute scheduling input for the Monthly Report
- As necessary, meet with the Owner's Scheduler to review and discuss changes in network logic, activity work sequences, duration revisions and delays and impacts
- Contributing input to the Project Schedule for allocation of man-hours, quantities and cost
- Prepare the final format for quantity reporting forms used by the construction supervision
- Develop and maintain manpower histograms and installation progress S-curves
- Receive, review, monitor and verify quantity reporting
- Contribute cost control input for the Monthly Report
- Prepare and maintain the Equipment Rental Log

The **Preliminary Project Schedule**, encompassing engineering, permitting, procurement, construction, startup, commissioning, and training, is included in Section E of this proposal. This schedule provides an initial high level assessment of our plan and schedule for performance of this project. The planning and scheduling of the project is a dynamic process. It is important to note that this is a preliminary schedule based on the RFP information. As the details of the project plan are more refined, the schedule will be revised to meet the project objectives.

D. Project Manuals and Procedures

Project manuals are used to define and communicate the key criteria, scope, information and procedures used to conduct daily operations. These manuals will be developed during Phase (III) of the Project and are dynamic documents that undergo periodic revisions as the project moves forward. We envision using the project manuals to control the engineering, permitting, procurement, construction, startup, commissioning and training of the Bulk Material Facility Enclosure project. The following items will be addressed:

- Communication Management
- Project Safety and Hazard Analysis
- Site Specific Project Safety and Health Program
- Engineering Standards
- Site Specific Quality Assurance and Quality Control

- Document Control Management
- Permit Management
- Risk Management
- Scope Management
- Personnel Management
- Site Logistics and Traffic Management
- Materials Management (Including Spares)
- Procurement Management
- Schedule Management
- Cost Management
- Change Management
- Construction Plan
- Turnover/Commissioning Plan
- Operation and Maintenance Plan

III. EXECUTION

A. Project Planning and Front End Engineering (Phase III)

We understand that during this phase, our team will conduct a face to face review with the Koch Minerals Project team to present our preliminary design concept and constructability feedback based on the initial RFP criteria. We will include in our discussions the Risk and Value Added Items listed in Section F to conclude solutions for compliance, performance and best long term fit to Koch's process at the KCBX South Facility.

The site design approach focuses on creating a state of the art enclosed Bulk Material Facility. The final site improvements will include, in addition to the two new PEMB barns and conveyor systems, newly asphalt roadways paved to promote better on site circulation and maintenance access. Also included, will be approximately 60 Acres of landscaped areas. These landscaped areas will significantly upgrade the appearance of the existing facility. A new growing medium will be established using a potentially utilizing a blend of imported topsoil (75%) and bio solids (25%) from the neighboring Lake Calumet MWRD treatment plant and/or topsoil dredged from the Illinois River as provided for the Chicago's "The Mud TO Parks Project". The Landscaping seed mix will be consistent with the City of Chicago Lake Calumet Region Landscape Ordinance. We will provide the supplemental watering as needed to establish the initial growth, especially during the critical first several months. This drought tolerant material will need far less irrigation and maintenance than traditional turf grass and will improve the overall site appearance throughout the calendar year.

The new site utilities will include a new fire protection system and pump house in accordance with the City of Chicago Fire Prevention Bureau, irrigation system, potable water line, storm sewer and reclamation piping system. The main water line will coming into the site will provide water to the fire system, any on site irrigation deemed necessary and make up water for the dust suppression system. Both the dust suppression system and the truck wash station will utilize the new reclamation piping system that will separate out solids and reclaim water for reuse.

The proposed plan will bring the entire site into conformance with the City of Chicago storm water ordinance. We will collect storm water throughout the site using sheet flow, swales and storm sewers. We will downspout and directly pipe underground the rainwater runoff created from the large surface areas of the PEMB barn roofs. All storm events will be directed to a Pre-Treatment Basin (PTB) on site. This treatment facility will be designed in such a manner as to encourage fines to settle out, while the cleaner storm water runoff is directed to the Secondary Treatment Basin (STB). The STB will further clean the runoff before discharging into a naturalized storm water retention basin. The three step process will provide approximately 15 acre feet of storage before discharging to the Calumet River. This unique design will require several approvals prior to implementation but provides Koch Materials with a higher release rate and, therefore a more efficient, highly utilized site. In addition, by redirecting the storm water to the river the neighboring communities infrastructure does not become over burdened by your site contributing storm water runoff. This is a huge benefit to the surrounding community.

Our project team understands well the importance to Koch Minerals of frequent communication. We recognize that there will be various activities that require Koch Minerals/SMG reviews and approvals. In addition, we understand review meetings will be conducted as the project planning and front end engineering progresses. These meetings may take place in Wichita and/or the Facility. We also understand weekly conference calls may also be required to keep Koch Minerals informed on our progress. These conference calls will utilize an Internet-based communication program when useful in order to display files. We have demonstrated our commitment to communication with our customers on previous work, and we will continue this practice on this project. We have planned for our engineering, permitting, procurement, construction and commissioning team to participate in these discussions as necessary to create a smooth transition through each process phase of the project.

Upon agreement, our team will revise the conceptual drawings, plans and quantities based on the final design strategy and submit for review and approval by Koch. This submittal would include the following but not limited to:

- Preparation of project manuals and procedures outlined above

- Soil analysis and foundation design
- Storm water management
- Site layout with all conveyors, transfer towers, roadways, etc.
- Piping and instrumentation diagrams – water systems, etc.
- Electrical one-line diagrams
- Control system architecture/programming
- Process data sheets/performance specifications for all major equipment
- Update construction plan and schedule
- Update target cost for procurement and construction

B. Detailed Engineering (Phase IV)

Our primary goal will be to complete the design and engineer packages, submit engineering packages to the city, and obtain the necessary permits for the project. Detailed engineering will commence for each respective discipline after Koch Mineral's Project Team reviews and approves our conceptual plans, quantities and Target cost for the construction and procurement.

Weekly progress and coordination meeting will be held amongst all team members to update our engineering schedule and to ensure that we are on track with the engineering and permitting plan, including earned value. In addition to our team members, we will continue to engage the permit expediter to support our efforts creating and reviewing documents prior to submitting to the City of Chicago for review and approval. The permit expediter will work on our behalf and coordinate with the City of Chicago during each permitting process.

Potential permits that may need to be obtained during this phase consist of Below Grade and Superstructure Building Permit, Interior Building Permit, Office of Underground Coordination (OUC) approval, City of Chicago Storm water Permit, U.S. Corps of Engineers Permit, IEPA Permit, IDNR-OWR Permit, and MWRDGC Permit.

As each engineering package is completed, we will review the final design quantities against our conceptual budgets established in Phase III and update our target cost for construction and procurement.

While each permit works its way through the approval process with the City of Chicago. We will commence with detailing and procurement activities as necessary. All fabrication of materials and equipment will be released upon approval of the necessary building permit(s).

It is our intent upon receipt of the Below Grade and Superstructures Building permit and approval from the OUC, we will precede with site development construction activities while the balance of items are being engineered, reviewed and permitted.

In addition to getting the engineering packages completed and approved, we will update the risk analysis and equipment list including recommended spares. We will continue to engage key members of our construction team to finalize our construction plan, safety plan, quality plan, and procurement schedules.

C. Construction (Phase V)

Labor, Work Hours and Work Shifts

Prior to mobilization, we would file this project with the National Maintenance Agreement Policy Committee (NMAPC) as a yellow card Project. This would allow us to conduct the Pre-Job Labor Meeting with the local Building Trades Council in accordance with National Maintenance Agreement (NMA) guidelines which will benefit the project. Koch Minerals would be notified of the scheduled date and time of the meeting.

The current planned work hours and shifts are noted below. There may be instances where incidental overtime may be worked at the discretion of the Project Manager in conjunction with notification to Koch Minerals.

Work Hours – One (1) shift/day x five (5) days/week x eight (8) hours/shift

Mobilization, General Site Plan and Logistics

Prior to the start of construction, and in compliance with the requirements of the permits, we intend to mobilize the project site with office trailers, craft change trailers, storage trailers, tools and equipment per the Preliminary Project Schedule.

Our Trailer Complex will be located southwest of the main gate. This area will also be utilized to accommodate the construction office, craft trailers, tool trailers and other light equipment storage. We will prep, stone and install temporary fencing at laydown areas, parking lot, office complex and construction roads. The exact final locations of these areas will be determined as our team and Koch Minerals collaborate to maximize efficient use of the property, including the parking area as shown on the site layout Section F. We will install a card-entry turnstile at the parking location and a designated walkway from the craft parking area to the trailer complex which will provide safe and secure walk-in access for personnel to/from the parking area. During the preparation of the site complex, we intend to start the removal of the existing water cannons as necessary to support the Preliminary Project Schedule. At the completion of work, temporary site improvements will be removed and the areas will be restored.

Additionally, we have analyzed the site laydown areas available during the construction process. We plan to coordinate the material deliveries with construction to maximize laydown availability including the PEMB barn area as erection progresses. As an alternate, Graycor owns a 20 acre secured facility within 3 miles from the project site, all of which is available to serve as additional laydown and fabrication for the conveyors and other components.

Site Development

In compliance with the requirements of the permits, we will coordinate the site development, including the installation of the U/G Utilities (Fire Protection, Water Line, Electrical Duct Banks, Reclamation system, etc.) with the KCBX South Facility Terminal Plant Operations team to minimize any (if all) disruptions. The water basins will be constructed to support the construction efforts. The two new basins will be installed first, with the existing to be upgraded following the completion of the two new basins. This will allow the site to have active basins during current operations/construction process.

Preparation and final paving, area surfacing and landscaping including irrigation system, and installation of fencing at the North and South property lines will be completed at the conclusion of major construction activities.

Barn Enclosures

Upon permit approval, we will commence with the excavation for the pile/ foundation installation. The pile installation will begin at Barn No. 1 (South Barn) working from east to west, Barn No. 2 will lag Barn No. 1. Foundations will start as the work area becomes accessible. The Barn installation will be staggered in all construction phases by approximately one month through all disciplines.

Once the concrete design strength has been achieved, forms will be stripped and backfilled as necessary. We will install geotech fabric and a layer of compacted aggregate inside the Barn boundaries to serve as a suitable base surface for the Barn steel laydown/erection. This base will serve as the first lift required for the foundation of the asphalt floor installed later.

As the Barn steel arrives and steel erection commences. The barns will be erected in a manner that as erection crews progress, a detailing crew will follow detailing the steel and followed by a sheeting crew that will install the wall and roof sheeting. This progression will allow us to have a fully enclosed work

area to fabricate and stage conveyor components and will keep the critical path construction productive during poor weather conditions.

The conveyor material will be procured / delivered to meet the Preliminary Construction Schedule. The conveyors will be unloaded / staged in the barn and/or alternate location noted above as necessary. Upon delivery, we will begin dressing out the conveyor sections to include the following: drip pans, handrail, walkways, pipe supports, wash down piping, electrical supports and conduit, idlers, lighting and the like. The barn conveyors will progress with the building erection and tripper conveyor support steel erection and detail.

As the work fronts become available we will proceed with installing the electrical/control, ventilation, fire protection, wash down and dust suppression piping systems continuing with the work flow east to west.

After the barn is complete and the conveyors are erected we will coordinate with the remaining crafts to install paving and trenches on the barn floor.

Exterior of Barn

Coordination will be key with the KCBX South Facility Terminal Plant Operations team to minimize any (if all) disruptions as we schedule and perform the Scope of Work in the existing operations areas. We currently have tentative dates for these items but we are flexible with sequencing as we understand the importance of your operations continuing to support your client base.

The Transfer Stations and Conveyor piles / foundations will be installed as the barn activities are progressing. We will work around the perimeter of the barns first staying in our construction zone and then coordinating access into the operations areas.

Conveyor Transfer stations will be erected / detailed as the foundations become available and equipment received to stage at each elevation as the structure is built.

The conveyor sections and bents will then be transported from the barn and/or alternate location to their respective area. We will assemble the dressed out conveyor sections into 100'-150' sections and make piping and electrical conduit connections from each modularized conveyor section. After a number of conveyors are staged at their respective areas we will mobilize our main erection crane and proceed with erecting bents / conveyors. After these conveyors are erected this will release a substantial portion of work to the electricians and pipefitters to complete.

Belt pulling activities and vulcanizing will follow behind the conveyor erection. After the belts are installed, skirtboards, hood rings and other components will be installed. Upon completion of the electrical system we will train each conveyor belt and install conveyor hood covers.

Misc. Areas

In addition to the major areas outlined above we will install a new truck wash structure, outfit existing conveyors with drip pans and collection systems, and install door flaps at the entrance and exit of the existing Ashross Rail Unloader and Rotary rail Dump.

D. Checkout and Startup (Phase VI)

We will provide the Startup, Commissioning, Testing and Training services specified in the RFP. To execute these responsibilities, we will assign a staff of Commissioning Specialists lead by the Commissioning Manager.

The primary responsibility of the Commissioning Manager is to provide management and leadership for the Startup/Commissioning/Testing/Training Program from initial plan development through turnover to KCBX South Facility operations for the defined project scope. In performing this role, the Commissioning Manager will:

- Provide startup/testing and commissioning-focused involvement into the construction planning and work scheduling
- Develop the detailed startup/testing and commissioning plans and schedules
- Create the project-specific Construction Turnover Package templates for Construction to use in preparing the turnover packages
- Create the project-specific testing, startup and commissioning procedures
- Execute the testing, startup and commissioning program
- Prepare and conduct testing, startup and commissioning-related training
- Complete turnover of tested systems to the plant operations
- Coordinate Vendor training with KCBX Facilities Manager
- Coordinate commissioning craft labor needs with construction supervision
- Manage Construction Turnover process
- Identify lock out/ tag out plan to be used during transition from construction to commissioning care custody and control

IV. CONTRACT COMPLETION AND CLOSEOUT

Prior to the scheduled Construction Completion dates, we will prepare a Contract Closeout Checklist. This will be reviewed with Koch Minerals in coordination with contract documents to ensure that it is complete. For example, this list will include:

- Removal of Contractor and Subcontractor's temporary facilities
- Inventory and return of any unused materials
- Submittal of For Record documentation
- Confirmation of closeout of punch list issues
- Turnover of vendor warranties, as applicable
- Preparation, review and pre-approval of final invoice
- Submittal of final waivers of lien

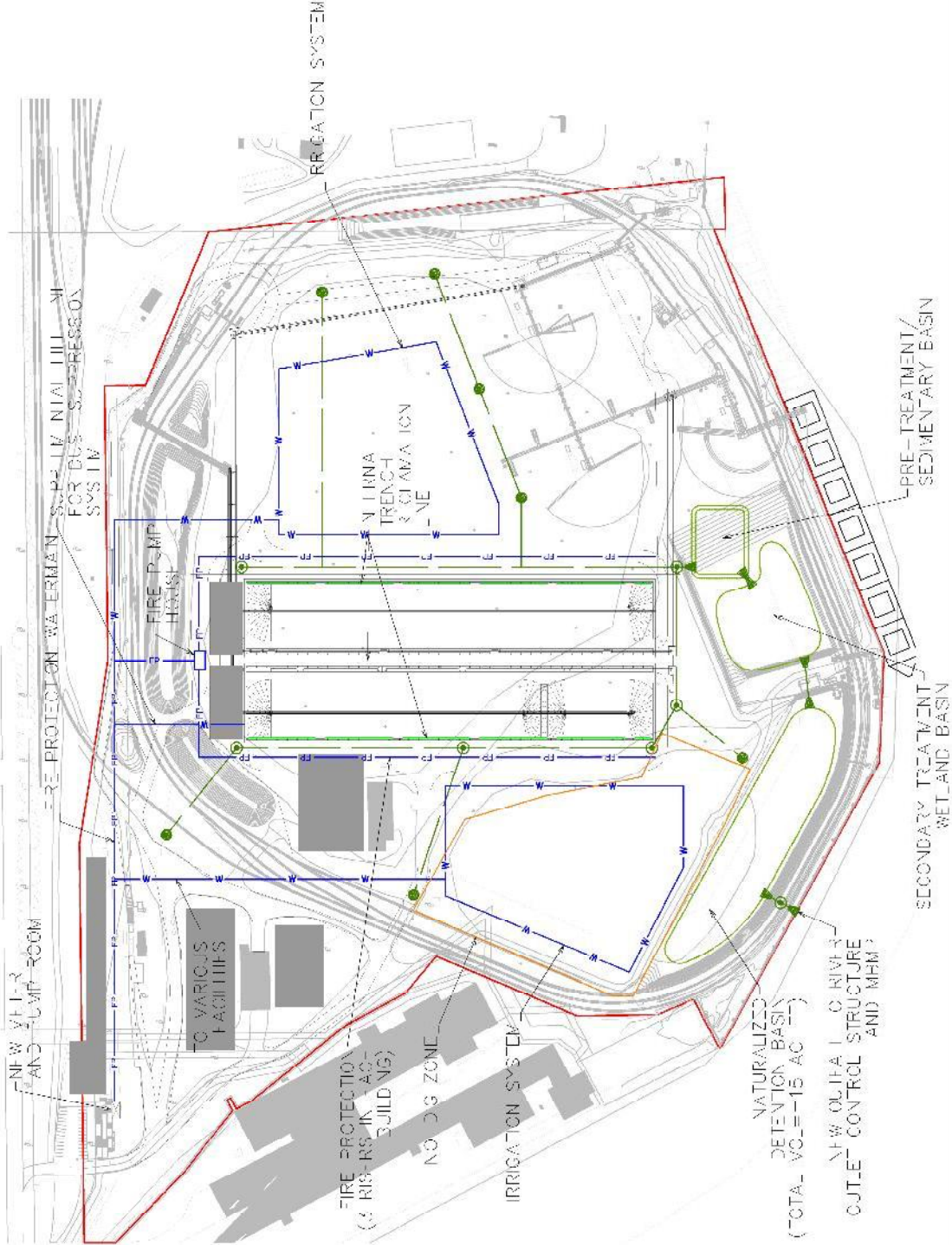
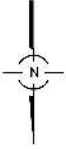
Completion of all items on this checklist will constitute completion of the project.

SECTION F: CONSTRUCTION DRAWINGS

Attachment: B

Utility Layout Part 1

Scale: NTS



These drawings indicate the intended location of the utility lines and structures. They are not intended to be used as a basis for construction or for any other project. The engineer's responsibility is to provide the information necessary for the utility lines to be installed in accordance with the applicable codes and standards. The engineer's responsibility is to provide the information necessary for the utility lines to be installed in accordance with the applicable codes and standards. The engineer's responsibility is to provide the information necessary for the utility lines to be installed in accordance with the applicable codes and standards.

- KEY:**
- City Potable Water
 - Fire Protection Watermain
 - Storm Sewer



NO.	REVISION	DATE	BY	CHKD.	DATE
1	ISSUED FOR PERMIT	08/11/20	ME	ME	08/11/20

PROJECT: KOCH MINERALS HANDLING FACILITY
 SHEET: 101-101-01

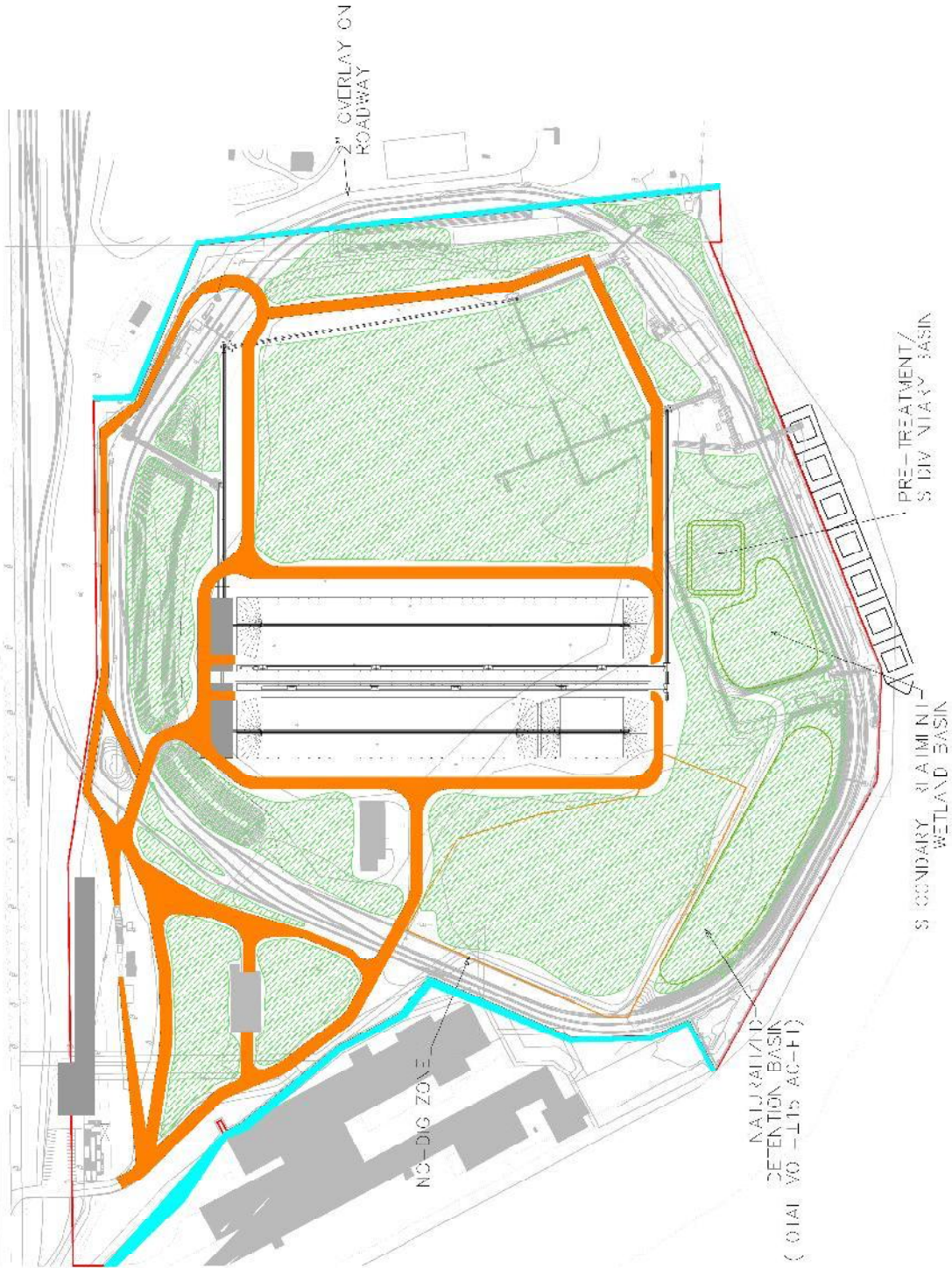
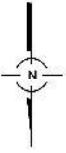
Koch Minerals Handling Facility

DRAWN BY	DATE	SCALE	DATE
ME	08/11/20	1"=100'	08/11/20
CHECKED BY	DATE	PROJECT NO.	SCALE
ME	08/11/20	101-101-01	

Attachment: D

Site Layout and Landscaping

Scale: NTS



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- KEY:**
- Permanent Fence
 - Asphalt Road
 - Landscaping



NO.	REVISION	DATE	BY	CHK

PROJECT: **Koch Minerals Handling Facility**

DATE: **10/12/2023**

SCALE: **NTS**

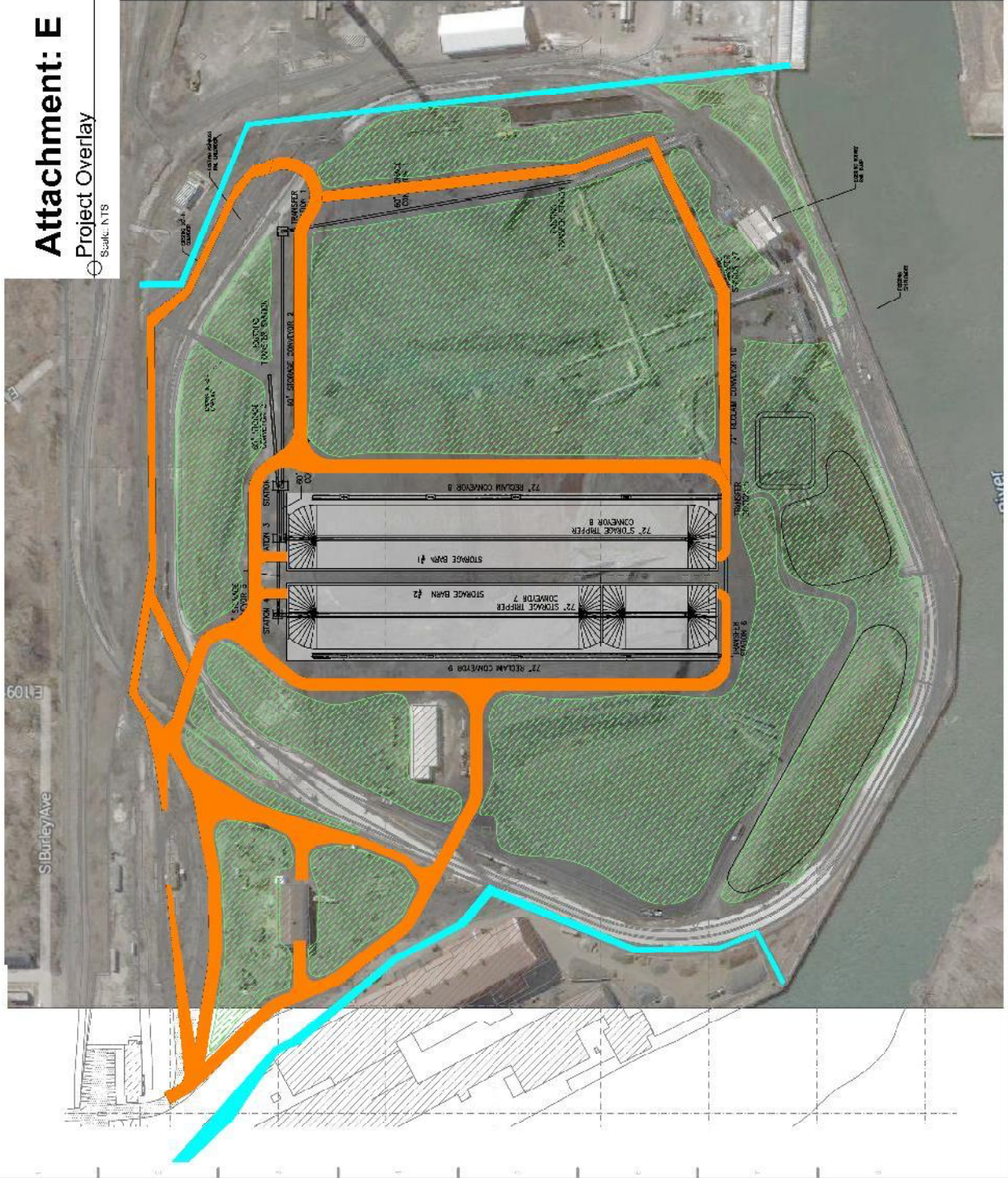
Koch Minerals Handling Facility

DRAWN BY	DATE	DATE	DATE

Attachment: E

Project Overlay

Scale: NTS



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KEY:



NO.	REVISION	DATE	BY	CHK.

262510 - WORKSHEET - REFERENCE DRAWINGS - 2023.07.25

262510 - WORKSHEET - REFERENCE DRAWINGS - 2023.07.25

Koch Minerals Handling Facility

DATE	DATE	DATE	DATE

Attachment: G

Conveyor Sections and Elevations

Scale: NTS

These drawings include one (1) sheet specifically for the noted project and client. They are not intended for use on other projects or for resale. They are not to be used for any other project or for resale. They are not to be used for any other project or for resale. They are not to be used for any other project or for resale.

KEY:

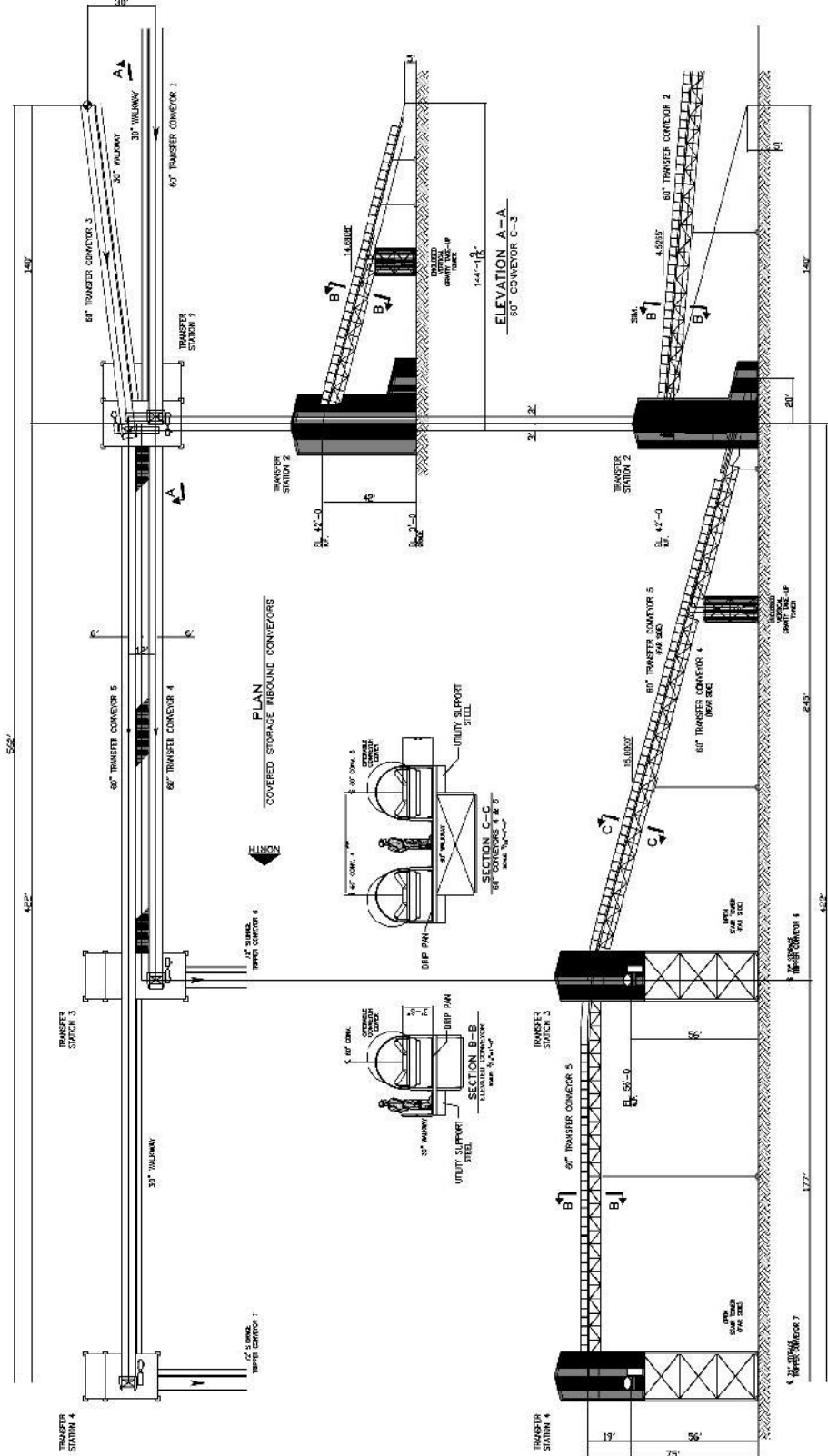


NO.	REVISION	DATE	BY	CHK.	APP.
1	ISSUED FOR PERMIT	08/11/12
2

DESIGN: ...
 CHECKED: ...
 DATE: ...

Koch Minerals
Handling Facility

DRAWN BY	DATE	SCALE	PROJECT NO.
CHECKED BY	DATE	SCALE	PROJECT NO.
APPROVED BY	DATE	SCALE	PROJECT NO.

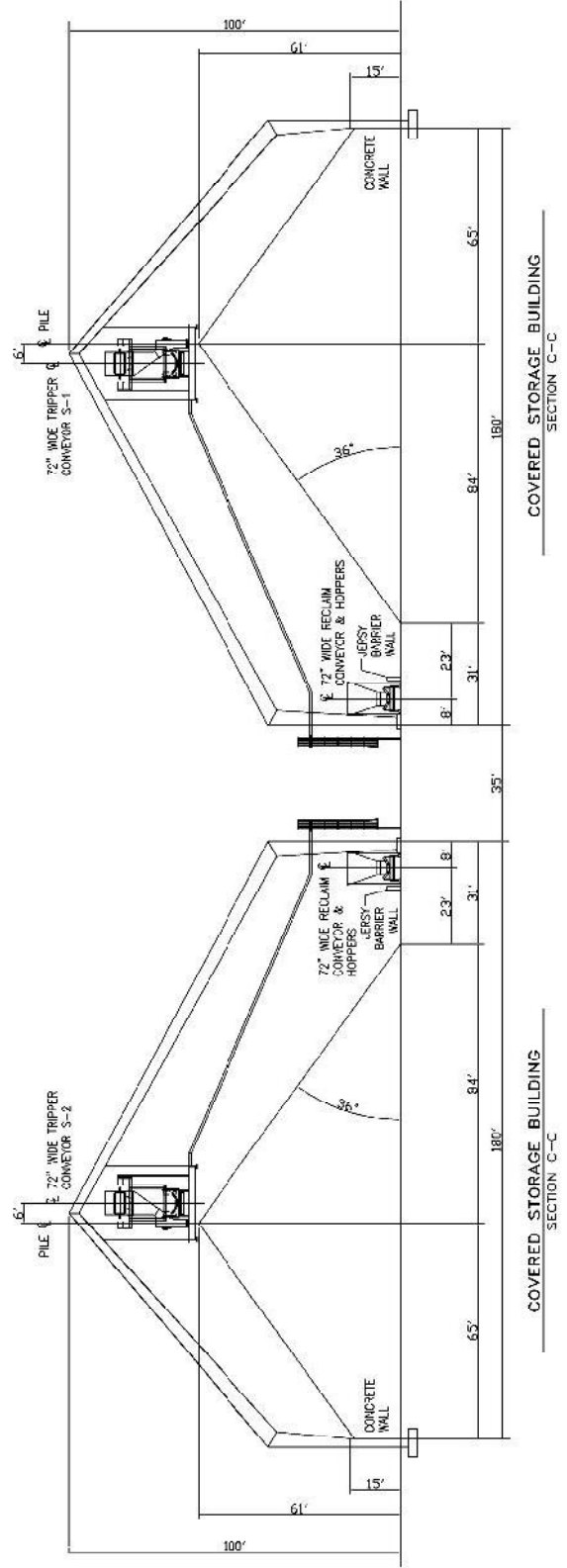


COVERED STORAGE INBOUND CONVEYORS
 ELEVATION - LOOKING EAST

Attachment: I

Handling Facility Section

Scale: NTS



These drawings remain the property of the client and are not to be used for any other project without the written consent of the client. They are not intended for use on any other project without the written consent of the client. They are not intended for use on any other project without the written consent of the client. They are not intended for use on any other project without the written consent of the client.

KEY:



NO.	REVISION	DATE	BY	CHKD.	DATE
1	ISSUED FOR PERMIT	08/11/12	MEADE	MEADE	08/11/12

PROJECT: KOCHEMINE
 SHEET NO: 1001-1001-1001

Koch Minerals
Handling Facility

DRAWN BY	DATE	SCALE	PROJECT NO.
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CHECKED BY	DATE	PROJECT NO.	
MEADE	08/11/12	1001-1001-1001	
DATE	PROJECT NO.	SHEET NO.	
08/11/12	1001-1001-1001	1001-1001-1001	

Attachment: J

Elevation and Conveyor Section

Scale: NTS

These drawings are intended specifically for the stated project and client. They are not intended for use on other projects or for any other project. They are not to be used for any other project. They are not to be used for any other project. They are not to be used for any other project.

KEY:



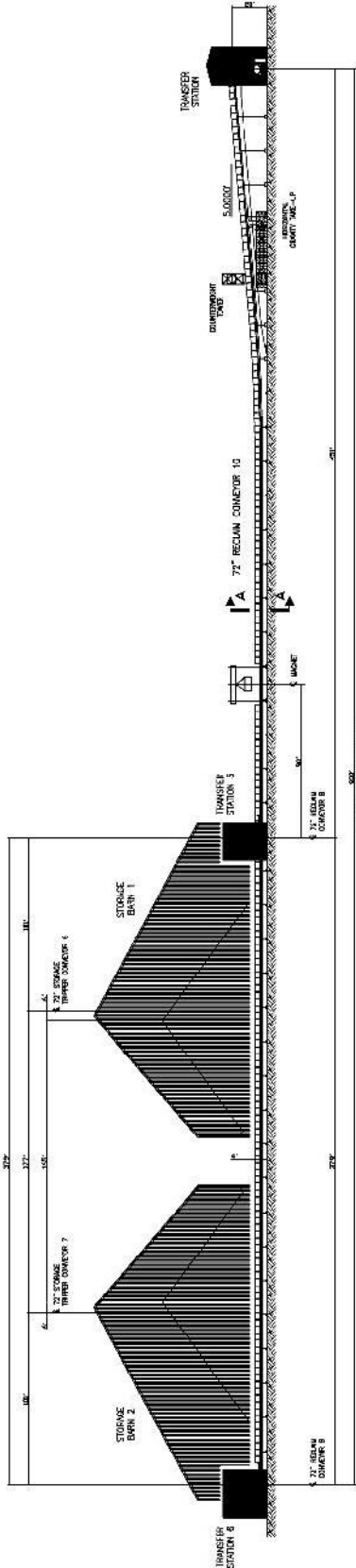
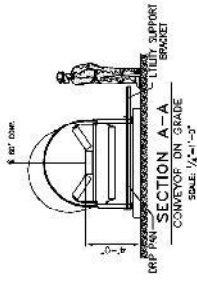
NO.	REVISION	DATE	BY	CHKD.	DATE	BY
1	ISSUED FOR PERMIT	08/11/12	MM	MM	08/11/12	MM

BASED UPON: REFERENCE DRAWINGS: 800837-2

2012 BY: ENGINEER: MICHAEL J. HARRIS, P.E.

Koch Minerals
Handling Facility

DRAWN BY:	DATE:	CHECKED BY:	DATE:
MM	08/11/12	MM	08/11/12
PROJECT NO.:	800837-2	SCALE:	N.T.S.



72" RECLAIM CONVEYOR ELEVATION LOOKING EAST

Attachment: K

Conveyor Flow Diagram

Scale: NTS

These drawings indicate construction details for the proposed project and shall be used in conjunction with the contract documents. They are not intended to be used on any other project. The contractor shall be responsible for verifying all dimensions and conditions on the job site. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for coordinating all construction activities with the existing facility. The contractor shall be responsible for maintaining safety throughout the project. The contractor shall be responsible for protecting the environment and minimizing disruption to the facility. The contractor shall be responsible for providing a safe working environment for all personnel. The contractor shall be responsible for providing a high quality project. The contractor shall be responsible for providing a project that meets the client's requirements. The contractor shall be responsible for providing a project that is completed on time and within budget. The contractor shall be responsible for providing a project that is completed to the satisfaction of the client. The contractor shall be responsible for providing a project that is completed to the satisfaction of the client.

KEY:



KOCH MINERALS, LLC



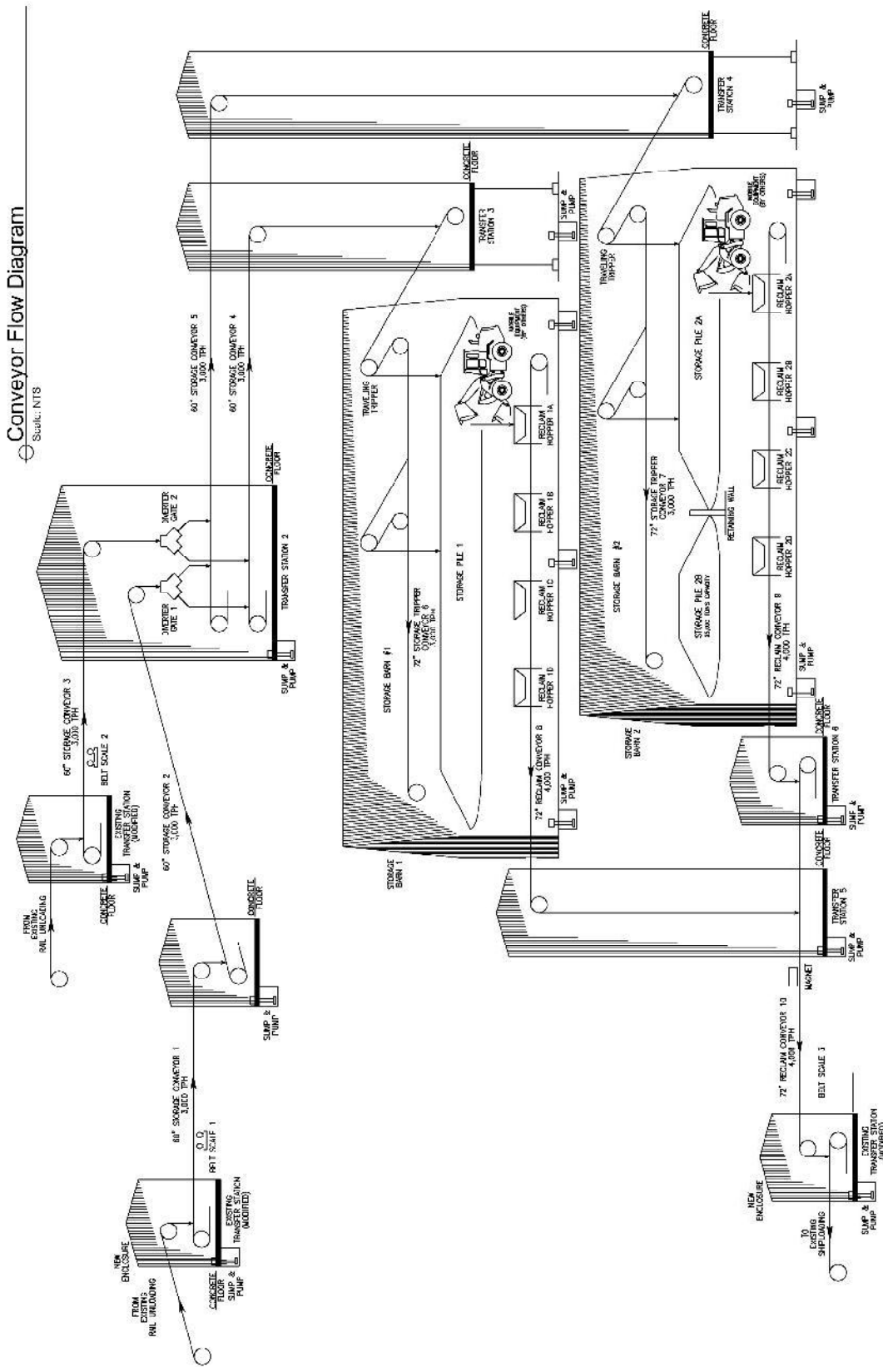
NO.	REVISION	DATE	BY	CHKD.	APP'D.
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BASED ON: PROJECT REFERENCE DRAWINGS: 80000000-02

DATE: 08/11/12

Koch Minerals Handling Facility

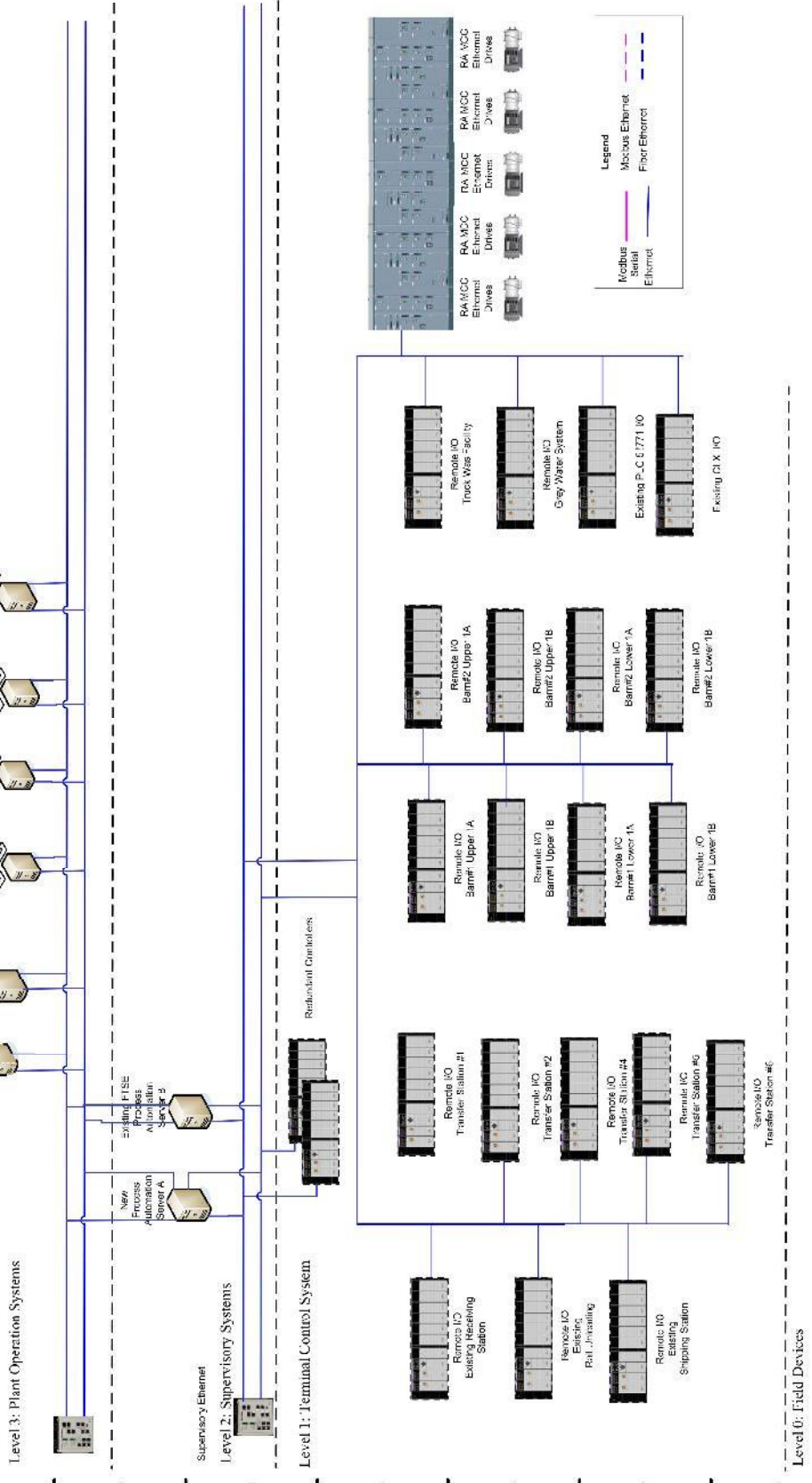
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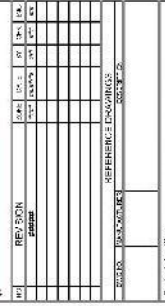
Architecture Suggested System

Scale: NTS



These drawings include our standard specifications for the noted project and client. They are not intended to be used on other projects or for any other project. They are not intended to be used on other projects or for any other project. They are not intended to be used on other projects or for any other project.

KEY:



Project Name: **Koch Minerals Handling Facility**

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SECTION F: CLARIFICATIONS / VALUE ADDED / RISK ITEMS

Clarifications

1. This proposal is based on working a standard 40 hour work week.
2. This Proposal specifically excludes any work associated with discovery, sampling, handling, or removal of any hazardous, toxic, or contaminated materials.
3. We have included labor escalation in our budget proposal.
4. Sales tax has been included on all permanent materials. If required, please add [REDACTED]
5. This proposal is based on mutually agreeable terms, conditions and scope of work prior to award of contract.
6. This proposal is based on all work being performed in accordance with the National Maintenance Agreement with this project falling under a yellow card project.
7. This proposal assumes an available Chicago water supply of: 40 psi static and 35 psi residual with 1,500 gpm flowing.
8. Fire water main to be brought to the project site by others.
9. Based on interpretation of the Chicago Building Code there are no requirements for a fire protection system at the conveyors or transfer towers.
10. Fire Protection Criteria in accordance with Chicago Building Code, section 15-16-600 for Class I Hazardous Use Units.
11. This proposal includes the cost associated with a Performance and Payment Bond and Builders Risk Insurance.

Value Added Items

1. Potential Automated Reclaim Systems that would reduce operational costs over the life of the facility:
 - a. Reclaim Tunnel with Belt / Vibrating Feeders
 - b. Reclaim Tunnel with Rotary Plows
 - c. Scraper / Reclaimers
2. Enhanced Dust Control systems:
 - a. Dust collectors at Transfer Stations and material transfer points.
3. Conveyor Layout Alternates:
 - a. Relocated Storage Transfer Conveyor No. 1 directly to Transfer Tower No. 2. This would eliminate Storage Transfer Conveyor No. 2 and Transfer Tower No. 1.
4. In lieu of cutting down existing site 12"-24" we could cap the site with a blended topsoil including topsoil and bio-solids. Would eliminate a significant amount of truck traffic throughout the local neighborhood.
5. Landscaping alternatives could be exercised to minimize or eliminate irrigation system requirements.
6. Utilize topsoil dredged from the Illinois River system and bring to the jobsite via barge to eliminate the amount of truck traffic throughout the local neighborhoods. Chicago Park District facilities have been doing this; "Muds to Parks Program."
7. Request an electrical code variance to use cable tray for power and control cables.
8. Request an electrical code variance to eliminate the local disconnect at each motor.
9. Request a code variance for a non-classified area due to dust suppression system.

Risk Items

1. Off-site property upgrades along Burley frontage road or site entrance.
2. Offsite noise violation ordinances.
3. Stormwater outfall permit could potentially be a long lead time item with involvement of many different outside agencies.
4. Changed market conditions for procurement of material and equipment.
5. Changed geotechnical information.
6. Potential lengthy permitting approval process.
7. Availability of utility power.
8. Unforeseen underground conditions and / or existing contaminated materials.

SECTION F: UNION RELATIONSHIPS

Union Relationships

1. Graycor is a signatory to nine of 14 international unions, and has performed numerous projects in the Chicagoland area with local unions.

Craft	Manhours (3 Year Average)
Brick Layer	██████████
Boiler Maker	██████████
Carpenter	██████████
Cement Mason	██████████
Ironworker	██████████
Laborer	██████████
Millwright	██████████
Operator	██████████
Pipefitter	██████████
Teamster	██████████

2. Graycor executed projects with various labor agreements including the National Maintenance Agreement (NMA), General Presidents Project Maintenance Agreement (GPPMA), and the National Construction Agreement (NCA).
3. Graycor is active in various committees with the Association of Union Constructors (TAUC), and currently sits on the TAUC Board of Directors and is involved with NCA committees.

SECTION F: DIVERSITY PLAN

SECTION F: DIVERSITY PLAN

Minority Subcontracting Plan

We are committed to assuring that the maximum practical opportunity is provided to minority, female, and veteran-owned businesses in the efficient performance of our work at the Koch Minerals KCBX South Facility Bulk Material Facility Enclosure project.

On many projects, acting as the general contractor, design builder, or construction manager, we have satisfied and exceeded the objectives of its clients with regard to MBE/WBE participation. In addition, we have worked as a sponsoring joint venture partner with smaller minority-owned construction companies to foster participation at the subcontractor and supplier level.

Outreach Programs

Soliciting minority participation prior to the project's bidding phase is fundamental toward achieving the project's minority goals. We will initiate outreach efforts to ensure that minority businesses are provided with an equitable opportunity to compete for subcontracts. Some of the efforts that we will initiate are outlined as follows:

- **Contact minority trade associations**, such as Black Contractors United (BCA), Hispanic American Construction Industry Association (HACIA) and Federation of Women Contractors (FWC) to promote the project.
- **Enter into good faith negotiations** with promising small, disadvantaged businesses in an effort to advise and assist interested companies in obtaining the necessary information to be a responsive bidder.
- **Identify a permanent project staff member** to track and coordinate our ongoing minority, small, disadvantaged, business efforts. This person will establish market contacts to identify interested firms and document eligible scopes of work, report good-faith efforts and gather necessary information from targeted bidders.
- **Monitor Attainment of Proposed Subcontracting Goals.** Once the project is awarded, we will actively manage the subcontractors to track compliance with the stated minority participation goals. By monitoring the award of second- and third-tier subcontracts and purchase orders, and reviewing pay application requests and lower-tier subcontractor/supplier waivers, we are able to validate that minority contractors are in fact participating in the project according to the objectives.
- **Counsel interested minority contractors on execution** of the administrative requirements of the subcontract, such as pay application procedures.

In addition to the outreach efforts noted above to promote interest in the minority contractor community, our subcontract database includes many minority subcontractors and suppliers to whom we regularly extend bid opportunities on various projects.

Bid Packaging

Beyond the outreach efforts noted above, we will structure bid packages to promote minority bidder

participation to the greatest extent possible. We will establish a logical contracting plan that will better allow firms the opportunity to win contracts. Breaking down larger bid packages into smaller more manageable work scopes, will allow less established firms a better opportunity to compete.

Services / Products to be Sub-contracted

The following scopes of work will be targeted for minority participation:

- Site Prep/Cleanup/Landscaping
- Construction Tool Supply
- Fabrication Services
- Construction Material Supply
- General Equipment Rental Services
- Construction Inspection Services

Minority Firms

Subcontractor / Supplier Percentage Values

We have created a Minority Subcontracting Worksheet (attached) for the Koch Minerals KCBX South Facility Bulk Material Facility Enclosure project in order to develop our objectives and confirm the project's established goals. Based on our analysis, ***we expect to achieve a minority-owned business participation and female-owned business participation of 5%.***

Local Chicago Firms

We understand the value and will solicit participation from a local presence for this very important and visible Chicago-based project.

We also understand that all suppliers will need to be evaluated for experience and be financial capable of executing their scope of work in a safe, professional and timely manner regardless of their minority or local status. These are paramount objectives of this project. Financial reviews will occur prior to bid/award at all levels of the estimated value of the subcontract. This comprehensive evaluation not only provides assurance that the companies can perform in full compliance with their contract obligations, but may qualify them for additional scope items.

Figure 1: Sample Certified Minority and Women Business Enterprises Contracting Report

CERTIFIED MINORITY & WOMEN BUSINESS ENTERPRISES CONTRACTING REPORT

I. GENERAL INFORMATION

DATE: July 1, 2013 YEARS IN BUSINESS? _____ YES NO

SUPPLIER NAME: _____ HAVE USED M/WBE'S ON PREVIOUS PROJECTS?

TYPE OF BUSINESS: _____ PREVIOUS YEARS DOLLARS CONTRACTED TO
CERTIFIED M/WBE'S? MBE \$ _____
ANNUAL SALES \$ _____ WBE \$ _____

INDICATE IF YOU ARE A CERTIFIED
MBE WBE VBE
(ATTACH PROOF OF CERTIFICATION AND COMPLETE ONLY SECTION III)

II. CERTIFIED MBE/WBE INFORMATION

LIST ALL MBE/WBE SUBCONTRACTOR(S) CONTACTED AND TO BE USED ON THE PROJECT AND SUBCONTRACT PRICE. CHECK ONE

NAME & PHONE NUMBER	SERVICE/GOODS TO BE PROVIDED	AMOUNT \$	%	MBE	WBE

III. SOURCING EFFORT FOR CERTIFIED MBE/WBE

LIST ALL MBE/WBE SUBCONTRACTOR(S) CONTACTED THAT **COULD** BE USED ON THE PROJECT. CHECK ONE

NAME	ADDRESS	PHONE NUMBER	CONTACT PERSON	MBE	WBE

IV. LIST ANY ORGANIZATIONS, AGENCIES, OR GROUPS THAT YOU CONTACTED TO SOURCE CERTIFIED MBE/WBE BUSINESSES. (SEE REVERSE FOR SUGGESTED ORGANIZATIONS)

NAME	ADDRESS	PHONE NUMBER	CONTACT PERSON

*** FAILURE TO RETURN THIS FORM AND ALL DOCUMENTATION AND CERTIFICATION MAY INVALIDATE YOUR BID ***

GRAYCOR[®]

Industrial Constructors Inc.

Quality Program Synopsis

Second Edition, Revision 0
05/13/2011

*This quality program synopsis is issued with the intention that it satisfies the initial quality program request by highlighting the key elements of the Graycor Industrial Constructors Inc. Quality program which is certified to **ANSI/ISO/ASQ Standard Q9001-2008**. The information contained within is intended to be utilized as a resource for project proposals and shall be used as a general model for quality assurance at Graycor.*

Upon award, and depending upon the size and complexity of each project or as specified by contract requirements, a site specific quality plan will be constructed which may include special procedures and processes (technical, civil, mechanical, structural, electrical and subcontractor control), inspection and test plans, qualified weld procedures and form exhibits. This specific plan aligns with the Graycor Inc. Quality Assurance Program mentioned above.

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2.0	Quality Program Documents
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4.0	Document Management
5.0	Purchasing
6.0	Material Management
7.0	Process Control
8.0	Examination and Testing
9.0	Measurement and Monitoring Devices
10.0	Nonconformities
11.0	Corrective Action
12.0	Storage and Preservation
13.0	Repairs, Alterations, and Routine Scope
14.0	Quality Records
15.0	Audit
16.0	Training

Policy

Graycor Industrial Constructors Incorporated (GIC) is a responsible company committed to meeting and exceeding the needs of our Customers by assuring the proper development and implementation of an effective Quality program, thereby supporting contract compliance and on time project completion, within budget. This program has the full support of GIC management and satisfies the requirement for a quality management system in accordance with ISO 9001, as well as, ASME Section I, Section VIII, Div. I, and B31.1 (Boiler External Piping), and the National Board Inspection Code. We consistently strive to improve our total quality effort by applying preventive measures which aid us in predicting problems and improve reliability by using continuous improvement processes to capture problems or identify other opportunities for improvement and implement them as process improvements.

1.0 Management Responsibility and Authority

- The President is ultimately responsible for the GIC Quality program, is supported by the management staff that has accountability for assuring implementation of quality requirements which pertain to their respective areas of responsibility and authority assuring that all equipment and services provided by GIC fully comply with quality program requirements and contract documents.
- Manager, Quality Systems is responsible for the development, implementation and management of a compliant quality control program within GIC, as well as, to assure compliance with governing standards, codes, contract requirements and jurisdictional authorities. The Manager, Quality Systems has overall authority for interfacing with the Authorized Inspection Agency, to identify nonconformities, as well as, stop work which is not compliant with Code or contract requirements. In addition, the Manager, Quality Systems is responsible for establishing and maintaining the ISO quality management system; for ensuring that activities affecting quality are adequately performed; for the control and use of the Certificate of Registration; and for apprising upper management of the status and adequacy of the quality assurance program.
- The Project Lead is the leading project management representative for the project and will be responsible for managing on-site project activities including quality control, document control, receipt inspection, testing, etc.

2.0 Quality Program Documents

- The Graycor Industrial Constructors Inc. (GIC) quality program will be implemented to satisfy the requirements of ISO 9001 and is documented in the Quality Systems Manual. The Quality Control Systems Manual is used to establish and define the quality control program as it relates to Code work, routine scope activities, and work outside the boundary of the Code. This manual has been reviewed and accepted by the Hartford Steam Boiler Inspection and Insurance Company (GIC Authorized Inspection Agency of Record).
- Quality Plans (QP) will be developed when specific contract and/or jurisdictional requirements must be incorporated into the site specific quality program to satisfy the purchase order requirements.

3.0 Design

- Contract Review - When specific quality requirements, necessary to assure Code compliance and satisfy the needs of the purchase order exist, the contract documents shall be reviewed by the Manager, Quality Systems.
- Design activities will be subcontracted to third party engineering firms knowledgeable in the design for the scope of work. Responsibility for Code design compliance remains with GIC.
- To assure compliance with applicable Code and contract requirements, design documents, including revisions, shall be approved by the Engineering Manager or the Manager, Quality Systems, as applicable.
- GIC fabricates and/or assembles parts to drawings and specifications prepared and approved by other ASME stamp holding organizations responsible for the Code pressure retaining item, completed unit, or system.

4.0 Document Management

- The Manager, Quality Systems shall be responsible for the preparation approval, and control of all Quality Control Program Documents, including revisions and addenda.
- The lead Estimator is responsible for controlling contract bid documents, drawings, specifications, estimating requests for information (RFIs), drawing logs, estimates and all bid files.
- Control of project documentation is the responsibility of the Project Manager. Examples of such documents are controlling contract documents, drawings, specifications, logs, submittals, calculations and the project job files.
- Revisions to controlled documents are made, approved and distributed in the same manner as originals. Superseded documents are retrieved and destroyed by the Quality Control Inspector unless containing notes or instructions, which require their retention.
- Quality Control Program (QCP) documents will be available to Graycor employees through the Graycor Intranet (herein after known as G-Net). Access control of electronic media shall be used to prevent unauthorized modification to the current accepted QCP documents.

5.0 Purchasing

- All requisitions for material, equipment and services are prepared by the Project Engineer from information identified by the contract and design documents. The requisition shall list all Code requirements, including specifications, type or grade, special requirements, etc.

- Purchase Orders/Subcontracts for services regarding Code material will be complete with all information required by the material specification and the applicable Code section.
- The Purchase Order (PO) shall be available for review by the Project Manager which also serves to facilitate the receiving inspection process and the monitoring of suppliers' compliance to the PO.
- When applicable, subcontracted procedures and documents will be reviewed for compliance by the Manager, Quality Systems.

6.0 Material Management

- Receipt inspection will be performed on all material to assure that items comply with the applicable purchasing order and bill of lading. All items shall be examined for contract compliance.
- Material requiring identification and traceability shall have their full identification verified against the material test report. Identification markings shall be replaced when fabrication or installation activities require removal.
- Material and/or equipment found damaged, non-compliant with the purchase order, or improperly identified or when positive identification is not possible, shall be tagged or segregated and dispositioned in accordance with System 10.0, Nonconformities.

7.0 Process Control

- To ensure proper control of processes, procedures are developed in accordance with the applicable code of construction and contract documents. Such procedures will identify the requirements for personnel qualification.
- Qualified personnel using qualified procedures in accordance with the applicable code of construction, standards, and jurisdictional authorities shall perform special processes such as welding, heat treatment, and nondestructive examination.
- Work will be performed in accordance with the Quality Control Systems Manual, the construction schedule and contract documents.

8.0 Examination and Testing

- Installation of fabricated items will be controlled by the design documents and this manual. All contract specific requirements will be taken into account when fabricating and/or assembly of equipment.
- Hold points applicable to the scope of work will be established as required by the Customer, the AI, and the jurisdiction. Advance notice of an approaching witness point will be given.

- Fabrication, assembly and installation operations including examinations and tests will be performed by GIC and their subcontractors to assure compliance with the code of construction and contract documents.
- Inspections and tests shall be performed by qualified personnel as required by the code of construction, contract, or jurisdictional authorities. Results of tests and inspections shall be documented.
- Upon successful completion and documenting of all welding, nondestructive examination, heat treatment, and inspections or tests, the item or equipment may be subject to a final test in accordance with the code of construction and the contract documents.
- Results of examinations and tests are documented and made available to the Customer and jurisdictional authorities. Nonconformities noted during inspections and tests are handled in accordance with System 10.0, Nonconformities.

9.0 Measurement and Monitoring Devices (M&MD)

- When required, tools, gauges, instruments, and other measuring and test equipment used for activities affecting quality shall be controlled, calibrated at specific periods, adjusted and maintained to required accuracy limits.
- Calibration services shall be performed by a testing laboratory having adequate equipment traceable to National Standards, and shall provide certified records of calibration. If no such standards exist, the basis for calibration shall be documented.
- Each M&MD requiring calibration shall be identified by marking with a unique identification number and a calibration log shall be utilized to track the M&MD.
- All items checked with M&MD found to be out-of-calibration shall be removed from service and handled in accordance with System 10.0, Nonconformities.
- Calibration Record(s) shall be maintained by the Project Manager.

10.0 Nonconformities

- Items that do not conform to specified requirements shall be controlled to prevent inadvertent installation or use. Controls provide for identification, documentation, evaluation, segregation when practical, and disposition of nonconforming items and for notification to affected organizations.

11.0 Corrective Action

- Deficiencies noted during surveillance, inspections, tests, audits, etc., shall be recorded on the nonconformance report. All deficiencies will be utilized to identify trends that are detrimental to the quality process.

- The Manager, Quality Systems shall analyze the condition, information, or process that resulted in the initiation of the CAR and shall assure that an effective corrective action has been identified to prevent recurrence.
- Upon completion of the Root Cause investigation the Quality Auditor shall provide the recommended corrective action to the Manager, Quality Systems. If acceptable, the recommendation shall be forwarded to the Executive committee for approval or feasibility. When the corrective action is accepted, the Manager, Quality Systems enters the appropriate information from the CAR on the *Corrective Action Log*.
- The Manager, Quality Systems shall notify the responsible party of the analysis. At that time, the responsible party shall implement the corrective action. The actions taken shall be documented and the verified as complete.

12.0 Storage and Preservation

- All material and equipment shall be receipt inspected in accordance with System 6.0, Material Management and stored as required by the engineer of record, the manufacturer and/or the contract documents. If a conflict exists, refer to the purchase order requirements regarding the communication chain for resolving problems.
- Equipment preservation shall be handled in accordance with the manufacturer's requirements and/or the contract documents. Equipment requiring preservation shall receive the appropriate preservation activity at the required intervals with the activity documented.
- Items shall be inspected during storage and throughout commissioning to assure that all manufacturer and contract storage and preservation requirements are met thus supporting the integrity of the item.

13.0 Repairs, Alterations, and Routine Scope

- Providing services to the Customer including providing adequate product information via manufacturer's manuals, repair and alteration services, as well as a vehicle to report product nonconformities and aid in their prompt resolution.

14.0 Quality Assurance Records

- All records pertaining to the GIC Quality program and as required by contract documents are maintained current throughout the duration of the project and made available to the Customer and the jurisdictional authorities, when required.
- All records will be collected at the completion of the work scope and retained as necessary.

15.0

Audit

- Internal audits will be performed in accordance with ISO 9001 quality program requirements.
- Internal audits are performed by qualified personnel in accordance with written procedures. The audit results are documented and analyzed to identify quality trends. The Company ISO Representative reports audit results to executive management.

16.0

Training

- GIC employees receive orientation at time of hire and training as required by the scope of work and contract requirements.
- Training records are maintained as required by the GIC quality program, the contract, the code of construction and the jurisdictional authorities.

SECTION G: CERTIFICATE OF INSURANCE



ADDITIONAL REMARKS SCHEDULE

AGENCY ACIG Insurance Agency, Inc.		NAMED INSURED Graycor Industrial Constructors Inc. Two Mid America Plaza, Suite 400 Oakbrook Terrace IL 60181	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability (01/14)

CERTIFICATE HOLDER: Koch Minerals, LLC

ADDRESS: 4111 E. 37th Street North Wichita KS 67220

AL - If these policies are cancelled, non-renewed or materially changed, 60 days notice, except 10 days for nonpayment of premium, will be mailed to the Certificate Holder.
 GL - If these policies are cancelled, non-renewed or materially changed, 60 days notice, except 10 days for nonpayment of premium, will be mailed to the Certificate Holder.
 WC - If these policies are cancelled, non-renewed or materially changed, 60 days notice, except 10 days for nonpayment of premium, will be mailed to the Certificate Holder.
 Professional/Pollution *Aggregate limit is total insurance available for all claims presented within the policy period for operations of insured. Limit will be reduced by payments of indemnity and/or expenses.

ADDITIONAL INSURED – AUTOMATIC STATUS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Any person or organization that you are required by contract to include as an additional insured on this policy if the contract is executed prior to the loss.

- A. Who is an Insured (Section II) is amended to include as an insured any person or organization shown in the above SCHEDULE (called additional insured), but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of your premises or your operations for the additional insured.
- B. The insurance provided to the additional insured is subject to the following limitations:
1. Unless required by written contract, this insurance does not apply to "bodily injury" or "property damage" occurring after "your work" for the additional insured has been completed or after that portion of "your work" out of which the "bodily injury" or "property damage" arises has been put to its intended use by any person or organization.
 2. Unless required by written contract, this insurance does not apply to "bodily injury" or "property damage" arising out of the sole negligence, act or omission of the additional insured.
 3. This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" for which the additional insured is obligated to pay damages by reason of the assumption of liability in a contract or agreement except to the extent that the additional insured would have been obligated to pay such damages in the absence of the contract or agreement.
 4. This insurance is excess to any other insurance, whether primary, excess, contingent or on any other basis, available to the additional insured unless a written contract requires that this insurance be primary or primary and non-contributing. However, this insurance is always excess to other insurance, whether primary, excess, contingent or on any other basis, when the additional insured has been added to the other insurance as an additional insured.
 5. This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering or failure to render any professional services, including:
 - a) The preparing, approving or failing to prepare or approve maps, drawings, opinions, reports, surveys, change orders, designs or specifications; or,
 - b) Supervisory, inspection or engineering services.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or failure to render any professional services by you or on your behalf with respect to the operations described above.
 6. This endorsement shall not apply to a person or organization if any other additional insured endorsement attached to this policy specifically applies to that person or organization.
 7. The insurance afforded herein only applies to the extent permitted by applicable state law, including statutes governing additional insured coverage in the construction industry.
- C. This insurance shall not exceed the scope of coverage, including limits, of this policy and in no event shall the insurance provided to the additional insured exceed the scope of coverage, including limits, required by the contract. If a written contract or agreement requires that additional insured status be provided by the use of ISO CG20101185, then the terms of that endorsement are incorporated into this endorsement as respects such additional insured and shall supersede the coverage grant and limitations in Sections A. and B. of this endorsement.

Nothing herein contained shall be held to vary, alter, waive or extend any of the terms, conditions, provisions, agreements or limitations of the mentioned policy, other than as above stated.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective: **Same as policy effective date unless otherwise indicated above.**

Policy Effective: 6/1/2014

Policy No.: GL14000016

Endorsement No.:

Insured: Graycor Industrial Constructors Inc.

Premium \$

Insurance Company: American Contractors Insurance Co. RRG

Countersigned By _____



WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Whoever the named insured is required by written contract executed prior to loss to waive rights of recovery against.

This endorsement does not apply to policies in California, Kentucky, New Jersey, Texas or Utah.
This endorsement does not apply to policies in Missouri where the employer is in the construction group of code classifications.
This endorsement does not apply to policies in Kansas for private construction contracts unless the construction project involved is a consolidated or wrap-up program.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective: Same as Policy Effective Date unless otherwise indicated above.

Policy Effective Date: 6/1/2014

Policy No. WCA000010014

Endorsement No.

Premium \$

Insured Graycor Industrial Constructors Inc.

Carrier Name/Code: ACIG Insurance Company

Countersigned by Nancy Sprattle

WC 00 03 13

(Ed. 04-84)

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