



ADDENDUM

ADDENDUM NO.: 04
PROJECT NAME: Salt Dome Replacement Facility (Grand Avenue)
PROJECT NO.: 04021
CONTRACT NO.: C1598
DATE OF ISSUE: January 27, 2021

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: CHANGE TO KEY DATES
None.

ITEM NO. 2: REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS
Change 1 Page 6, Section II(E), **REMOVE**

E. Time of Completion

Substantial Completion must be achieved no later than September 30, 2021. Schedule Milestones must be completed as follows:

| Milestone Descriptions | Milestone Dates |
|--|--------------------|
| Substantial Completion | September 30, 2021 |
| Milestone #1: De-Mobilization | September 30, 2021 |
| Milestone #2: Re-Mobilization | April 1, 2022 |
| Milestone #3: Site Improvements | June 30, 2022 |

And **REPLACE WITH:**

E. Time of Completion

Substantial Completion must be achieved no later than September 30, 2021. Schedule Milestones must be completed as follows:

| Milestone Descriptions | Milestone Dates |
|---|--------------------|
| Substantial Completion and De-Mobilization | September 30, 2021 |
| Milestone #1: Re-Mobilization | April 1, 2022 |
| Milestone #2: Site Improvements | June 30, 2022 |

Change 2 REMOVE Page 14 'B. Bid Form – C1598 Salt Dome Replacement Facility (Grand Avenue)' and **REPLACE WITH** 'B. Revised Bid Form – C1598 Salt Dome Replacement Facility (Grand Avenue)'. Alternate #1 language was updated. **Note:** Revised Bid Form includes Award Criteria Figure Formula

Spreadsheet. Bidders may choose to populate spreadsheet or provide Pages 19 and 20 of 51 for each individual scenario.

Change 3 Page 17 Section IV(D) **REMOVE** '#1: Reduce Existing Landscape Wall Along Grand Avenue (add)' and **REPLACE WITH** '#1: Repair Existing Landscape Wall Along Grand Avenue (add)'

ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS

None.

ITEM NO. 4: REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS

None.

ITEM NO. 5: REVISIONS TO DRAWINGS

Change 1 **REVISED** Drawing No. AS1.1, Site Plan: Keynote N014 revised to clarify surface material. Surface material adjacent to dome revised to match civil drawings.

Change 2 **REVISED** Drawing No. C1.2, Overall Site Plan: Updated note 1 to clarify scope of work related to asphalt millings. Added note 6 and updated legend and callouts to clarify scope of proposed gravel surface.

Change 3 **REVISED** Drawing No. C1.2A, Overall Site Plan (Alternates): Updated note 1 to clarify scope of work related to asphalt millings. Updated note 3 to clarify alternate #1 scope of work. Added note 6 and updated legend and callouts to clarify scope of proposed gravel surface.

Change 4 **REVISED** Drawing No. E1.1, Site Lighting Plan: Lighting fixture schedule and notes 3 & 4 update for clarity. Sheet scale fixed.

Change 5 **REVISED** Drawing No. E1.2, Site Power Plan: Note 8 and relevant callouts revised for clarity. Sheet scale fixed.

Change 6 **REVISED** Drawing No. S1.1, Foundation Plan: Note B revised to update floor slab subbase design.

Change 7 **REVISED** Drawing No. S3.1, Details: Detail 105 revised to update floor slab subbase design. Details 101, 102, and 103 revised to properly identify anchor bolt details.

Change 8 **REVISED** Drawing No SM-1, Notes; Note 21 was added for the Contractor to assume a minimum quantity of stabilization reagent required.

Change 9 **REVISED** Drawing No. V0.1, Topographic and Utility Survey; revised to provide improved quality of topographic survey.

ITEM NO. 6: REQUESTS FOR INFORMATION

RFI-1.

Question: Please confirm we should schedule a site walk through you or if we can visit at any time as long as we don't impact current operations.

Response: No site visit has been scheduled. Bidders may visit the site. Bidders are advised that the existing Salt Dome is fully operational and may be executing a snow program, pending weather conditions. Bidders shall not impact facility operations. Proper PPE must be worn and proper COVID-19 protocols in accordance with CDC guidelines must be followed. Please refer to Book 1, Page 5, (II)(A)(11) for further details.

RFI-2.

Question: Reference: Division 13 17 00 Inflated Form Thin Shell Concrete Dome

a. In the specification Ramco Construction, L.L.C is listed as a Dome Contractor. Will there be any other contractors accepted? Please clarify.?

Response: Specification 13 17 00 Inflated Form Thin Shell Concrete Dome will be updated in subsequent Addendum.

RFI-3.

Question: Reference Book 1, Section II Project Information, Paragraph II.E Time of Completion and II.H Liquidated Damages. Paragraph H indicates liquidated damages of \$1,500.00 per day for substantial completion and \$2,500.00 per day for each Milestone date that was not achieved. Since both the Milestone #1 De-Mobilization date and Substantial Completion date are both September 30, 2021, will both \$1,500.00 per day and \$2,500.00 per day, total of \$4,000.00 per day, be assessed if the September 30, 2021 date is not achieved?

Response: No, the sum total amount of \$4,000 will not be assessed for not achieving Substantial Completion (“SC”) and completing Milestone #1 in accordance with the Time of Completion requirements. However, \$2,500 will be assessed for not achieving SC in accordance with the Time of Completion requirements. The Time of Completion requirements have been revised and are included in this Addendum.

RFI-4.

Question: Reference: Electrical (E1.1)

a. Per Drawing E1.1, Note # 4, does this new pole replacement refer to only ONE pole or, is this a “TYP” note for all the pole mounted fixtures? If it is typical, does it contradict Note # 3 on the same page?

Response: Please refer to Drawing Sheet E1.1 Notes #2, #3, and #4, each only refer to the poles as identified on the plan view callouts. Note #4 refers to only one (1) pole and is not a typical condition.

RFI-5.

Question: (Electrical E1.1) Also, per Notes # 3 & # 4, is the existing areas cable to be re-used to feed new fixture & pole referenced on page, and above (herein)?

Response: Drawing Sheet E1.1 has been revised and included in this Addendum. Notes #3 and #4 on E1.1 shall include the following change: "Extend existing electrical aerial cable" shall be revised to "extend existing electrical aerial cable with new electrical aerial cable".

RFI-6.

Question: Per Note # 6, Drawing E1.1, will the light fixtures come with integral phot-cells or is the contractor responsible for the supply & install of the noted photocells apart from the noted light fixtures?

Response: Drawing Sheet E1.1 has been revised and included in this addendum. Please refer to the revised lighting fixture's schedule, the Contractor shall be responsible for procuring and installing the new photocells.

RFI-7.

Question: (Electrical E1.2) Per the note regarding the “Yellow Boxes”, page E1.2, is electrical to simply “rotate the boxes to face WEST, or is there more to this relocation effort? Where are the existing boxes currently? The note is slightly ominous in its projection of the work effort, please advise.

Response: Drawing sheet E1.2 has been revised and included in this Addendum. Per Note #8, "Contractor to replace Hubbell Power Boxes, Detail "C" and "D" with Appleton Unilet Single Cover For GFCI FSCD Box".

RFI-8.

Question: (Electrical E1.2) Is Note # 8, Drawing E1.2 referring to the “Yellow Boxes”? See below.
8. CONTRACTOR TO REPLACE HUBBELL POWER BOXES, DETAIL "C" AND "D" WITH APPLETON UNILET SINGLE COVER FOR GFCI FSCD BOX. PROVIDE COMPLETE ASSEMBLY 240V, 20AMP DISCONNECT SWITCH, NEMA 6-20R CONFIGURATION RECEPTACLE AND PLUG AND CABLE ASSEMBLY WITH FEMALE PLUG, FOR EACH HUBBELL POWER BOX, CONTRACTOR TO INSTALL TWO APPLETON UNILET FSCD BOXES, SEE DETAILS "E" AND "F" ON SHEET E1.3.

Response: Drawing sheet E1.2 has been revised and included in this addendum. Note #8 refers to the yellow boxes as shown in Details "C" and "D".

RFI-9.

Question: Drawing S0.1 – This drawing specifies grade 60 rebar. Is there an opportunity for the bidder to value engineer the structure to use 75 ksi bar which may reduce steel tonnage and potentially decrease the thickness of the shotcrete?

Response: Contractor is to construct as detailed on Sheet S0.1.

RFI-10.

Question: Specifications Book 3; Volume 13 17 00 (Part 2 - PRODUCTS), Section 2.2-C (Page 60 of 232) – This specification states: “Basis of Design: Seaman corporation, Shelter-Rite high performance 8028 FRLTC Architectural Fabric.” Will an alternate fabric of equal or improved quality be accepted?

Response: An alternate fabric may be accepted if it meets all specified requirements and is approved by the engineer.

RFI-11.

Question: Regarding Print E1.1 Site Lighting Plan

- Note 4 states to locate the new pole 150' from the last pole however, it measures only 65' away according to the print scale (1" = 30'). Please clarify the correct distance.
- Are the light poles, P1-P9 at the correct scaled distance on the print?

Response: Drawing sheets E1.1 and E1.2 have been revised and included in this addendum. Note #4 on sheet E1.1 to state "CONTRACTOR SHALL INSTALL NEW 45 FT WOOD POLE WITH NEW LED FIXTURE. EXTEND EXISTING ELECTRICAL AERIAL CABLE AND TERMINATE AT FIXTURE. LOCATE NEW POLE APPROXIMATELY 70 FT AWAY FORM THE LAST POLE TO SUIT FIELD CONDITIONS."

RFI-12.

Question: Regarding Print E1.2 Site Power Plan

- There are discrepancies with the notes on E1.2. Please confirm the scope of work with all Hubbell boxes on the east side of the salt dome.
- Please clarify the correct spaces in the 100A panels to be replaced. (30? 42?)
- Please clarify if the 30A breakers requested on the print are single pole or 2 pole.

Response: Drawing E1.2 has been revised and included in this addendum -A total of 13 Hubbell boxes are being replaced on the WEST side of the dome as shown on Sheet E1.2. None are being replaced on the east side of the dome.

-Spacing will be 4-30A, 2 pole breakers.

-Revision identifies the 30A breakers as 2 pole.

RFI-13.

Question: Specification 32 13 13, Part 3.8B mentions LM Schofield Company color lithochrome wax as a curing compound to match the colored concrete. However, the drawings do not indicate any colored concrete. Please confirm if colored concrete is required. If so, please define the limits of the colored concrete.

Response: There will be no colored concrete required for this project.

RFI-14.

Question: Reference: Electrical - Please clarify the 1" PVC conduit shown on E1.2. Is it to be installed inside the concrete wall, or surface mounted on the inside face of the wall? Is it PVC or PVC coated rigid conduit? Is it empty or is it to be used to feed the lighting on the south side of the dome?

Response: Per sheet E1.2: 1" PVC SCH-40 CONDUIT RUN WITHIN THE DOME WALL, in accordance with the contract documents. Conduit shall be used to feed the lighting on the south side of the dome.

RFI-15.

Question: Reference: Electrical - There is a note on the lower left corner of E1.2 that says we are to replace 13 Hubbell 240V Power Boxes with 2 pole breakers. It looks like Note 7 and 8 apply to this replacement. Note 8 refers to E1.3 Detail E, which shows a 120V device. Is the intent to replace the 240V Hubbell boxes and have them feed 2 Nema 6-20R receptacles mounted similar to E1.3 detail E? Are GFI breakers required in the Hubbell boxes?

Response: Drawing Sheet E1.2 note #8 has been revised and included in this addendum to clarify the design intent. Hubbell boxes should be replaced with Appleton unilet cover FSCD box, completely assembled (2) 240V 30amp breakers or disconnect switch and NEMA 6-30R configuration, 30A GFI receptacle plug and cable assembly. Note 7 and 8 have been revised and apply to this replacement. Detail E on sheet 1.3 is shown for reference only.

RFI-16.

Question: Reference: Electrical - E1.2 note 10 refers to reconnecting power to trailers. Please clarify the scope of work required for this note.

Response: Contractor will be responsible for restoring the ComEd electrical service to the existing site trailers upon completion of the work.

RFI-17.

Question: Reference Excavation - Drawing SM-1 – Please confirm that all hatched areas go to Subtitle-D.

Response: Confirmed. Excavated material within the hatched areas on SM-1 should be disposed of at a Subtitle-D facility. The only exception is clean pavement materials or asphalt millings, which may be taken to appropriate recycling facilities as per the Specifications and Drawing notes.

RFI-18.

Question: Reference Excavation - Keynote 20 calls for Removal of 356 cy of soil with Hazardous Lead. Please confirm this is only in the area shown as solid grey.

Response: Confirmed. The area shown in solid gray on SM-1 is the only known area with hazardous lead in soil, based on the environmental sampling and analysis performed to date.

RFI-19.

Question: Drawings SM-2 outlines a “Engineered Barrier Area” which requires 3’ or 18” clean fill barrier.

- a. Please confirm whether concrete pavement, asphalt and salt dome SOG meet the requirement of the engineered barrier.
- b. Please confirm whether the asphalt milling/CA-6 6” depth is included in the 18” or 3” clean fill barrier depth outside of the paved areas?

Response: a. Confirmed. Concrete pavement, asphalt, and concrete floor slab meet the requirements of the engineered barrier.
b. The proposed 6" CA-6 surface shall apply to the engineered barrier, so long as it meets all the additional engineered barrier requirements. The existing asphalt grindings should not be used as engineered barrier, unless they meet the requirements of note #2: "ASPHALT GRINDINGS THAT ARE ALREADY PRESENT AT THE SURFACE AND UNDISTURBED CAN BE USED AS THE ENGINEERED BARRIER".

RFI-20.

Question: Please confirm whether any excavation from within the Engineered Barrier Area can be reused onsite as fill.

Response: Excavated material in the engineered barrier may not be re-used for on-site fill.

RFI-21.

Question: C1.2 and C1.2A notes one states that “The existing asphalt millings shall be taken hauled offsite due to environmental concerns.” Please confirm the depth of removal required.

Response: Please refer to Contract Documents regarding on site material. Existing asphalt millings may be left in place if undisturbed. Any asphalt millings that are disturbed must be properly handled and disposed of, in accordance with the Contract Documents.

RFI-22.

Question: The Architectural site plans indicate that the surface outside of paved areas is to be covered in asphalt millings. C1.2 indicates that the surface outside of pavement is to be 6” of CA-6. Which is correct?

Response: Revised Drawing sheet C1.2, C1.2A and AS1.1, have been revised and included in this Addendum. The Contractor should assume that the typical surface outside of paved areas is a minimum of 6" of CA-6. Where existing asphalt milling surface exceeds 3" and is undisturbed it may be left in place.

RFI-23.

Question: Page 7/8 of the AECOM geotechnical report recommends that the upper two feet of material beneath the dome SOG consist of compacted CA-6. The drawings indicate 8” of subbase stone under the SOG. Are we to follow the geotechnical recommendations?

Response: Drawing sheet S3.1 and S1.1 has been revised and included in this Addendum to show 24" of subbase stone underneath the proposed slab.

RFI-24.

Question: Bid form lists alternate #1 as reduce existing landscape wall along grand avenue (add). Alternate note #3 on C1.2A indicates for it to be repaired and replaced as needed. Please confirm alternate intent and what scope that should be included in base bid.

Response: Contractors base bid shall not include any work related to the landscape wall. Refer to the revised Drawing sheet C1.2A note #3 for Alternate #1 scope details and included in this Addendum.

RFI-25.

Question: Page C1.2 calls out 6" of CA-6 aggregate within the fenced in area. Page C1.2A calls out this same area as existing asphalt milling to be removed per note 1, but does not reference an alternate. Please define the asphalt milling alternate scope.

Response: Refer to RFI #35 response regarding the CA-6 requirements. Drawing sheet C1.2A has been revised and included in this Addendum to match the base scope of work for the proposed gravel surface.

RFI-26.

Question: Is aluminum triplex cable acceptable as aerial cable for the Pole lights?

Response: No, aluminum triplex cable is not acceptable as aerial cable for the pole lights.

RFI-27.

Question: Will the Underground electric excavation and backfill be performed utilizing the Site work allowances?

Response: No, the Contractor shall not assume that the excavation and backfill work required for the underground electric or any other utility work will be paid from the Site Work Allowance Schedule. The Contractor shall assume in its base bid all cost associated with excavation and back-fill for utilities, in accordance with the Contract Documents.

RFI-28.

Question: Will the construction trailers be sitting vacant from September 30, 2021 to April 1, 2022? Will trailers be required for Phase 2 site improvements?

Response: As noted on Drawing Sheet A0.1 note #5 of the Contract Documents, Contractor is not required to provide construction trailer during construction. Construction field offices are available for the Contractors use for the duration of the project (located at adjacent property, 2505 W Grand Ave).

RFI-29.

Question: PDF plans for the salt dome project are raster files, we have already checked with Cross Rhodes. We need vector files to be able to manipulate and read the blurry plans, specially sheet V0.1. The engineer/designer should have vector PDF's.

Response: Drawing Sheet V0.1 has been revised and included in this Addendum.

RFI-30.

Question: Please provide plans with elevation labels on existing contour lines, the current plans do not show label on existing contour lines.

Response: Drawing Sheet V0.1 has been revised and included in this Addendum.

RFI-31.

Question: Please specify who is responsible for moving the tire piles?

Response: The Contractor is not responsible for moving the tire piles. The tire piles will be removed by others prior to April 1, 2021.

RFI-32.

Question: Will the owner provide staging area for the concrete blocks to be temporarily removed?

Response: Contractor shall be responsible for relocating concrete blocks as necessary to facilitate its work in accordance with the Contract Documents. Refer to C1.2, Note #2.

RFI-33.

Question: Sheet C1.2AI appears as if the PCC alternate reduction is part of alternate #2. Please clarify.

Response: Drawing Sheet C1.2A has been revised and included in this Addendum. There is no PCC reduction as part of alternate #2. The noted PCC reduction of 1,771 SY should be included as part of alternate #3.

RFI-34.

Question: Confirm that in the base bid the PCC pavement around the salt dome does not require barrier curb, nor curb and gutter.

Response: Confirmed. The base bid does not include curb and gutter around the salt dome, please refer to C1.2A.

RFI-35.

Question: Please advise if the contractor can we reuse excavation spoils for fill.

Response: The Contractor shall not reuse excavation spoils for fill. All spoils should be hauled to a subtitle D facility.

RFI-36.

Question: Reference sheet C1.2 note 1 "The existing asphalt millings shall be taken hauled offside due to environmental concerns". Borings SB-2, SB-3, SB-4 show asphalt as a the top layer, however the plans does not show enough information to determine an square footage where asphalt is present. Please provide a more accurate plan with sections/areas for existing conditions.

Response: Please refer to Drawing Sheet C1.1. It identifies the extents of pavement removal that shall be anticipated. The remaining surface materials shall be assumed to be asphalt millings ranging from 6" to 18" in thickness per the reports available in Book 2 Appendix of the Contract Documents.

RFI-37.

Question: Reference specification 312000/1.3/d/F/3 "Unauthorized excavation: excavation below subgrade elevations..." All earthwork cuts required for grading and foundations are below existing subgrade elevation. Please clarify what exactly is "unauthorized excavation".

Response: Please refer to Specification Section 31 20 00 Section 1.3 L, Subgrade is as "Uppermost surface of an excavation or the top surface of a fill or backfill immediately below subbase, drainage fill, drainage course, or topsoil materials." Unauthorized excavation shall be as defined.

RFI-38.

Question: Please confirm that all subgrade below proposed building footings, slabs, asphalt, PCC pavement, shall be proof-roll per specifications 312000/3.9/D.

Response: Exposed subgrade areas shall be proof-rolled per specification.

RFI-39.

Question: Please confirm that all subgrade below CA-6 aggregate around dome will not require proof-roll.

Response: Subgrades in areas of proposed aggregate surface do not require proof rolling.

RFI-40.

Question: Reference detail 105 on sheet S3.1. Please confirm that 8" of compacted sub base material under dome floor will suffice as engineered barrier.

Response: Pavement material shall act as an environmental engineer barrier at this location. The proposed concrete slab will act as the engineered barrier.

RFI-41.

Question: Reference sheet C-1.6. Please confirm that the fill elevations shown are to final elevation.

Response: Sheet C1.6 details the cut/fill to the final proposed grade.

RFI-42.

Question: Reference sheet C-1.6. Please confirm that the fill volume of 8,544 CY includes proposed concrete, asphalt and PCC volumes.

Response: Please reference Drawing Sheet C1.6. The fill volume is shown as 12,030 CY. Excavated soil material from cut areas cannot be reused as fill. Sheet C1.6 does not make any adjustments for material volumes. The cut/fill volumes are calculated based upon the difference between the existing and final grades.

RFI-43.

Question: Will the contractor be required to furnish the new concrete barricades around the proposed parking lot shown on sheet C1.2?

Response: Please refer to C1.2 note #3, the Contractor shall stockpile existing barricades on-site and place them as shown on Drawing Sheet C1.2 upon completion of work. Surplus barricades to be distributed along perimeter fence.

RFI-44.

Question: Per sheet SM-2, the area south of the dome will require an engineered fill, however this area is a cut. Do the elevations shown on C-1.6 include the engineered barrier or the contractor will need to undercut the cut areas even more to provide the engineered fill.

Response: The contractor shall excavate below the proposed final grade referenced on Drawing Sheet C1.6 in order to provide the engineered barrier.

RFI-45.

Question: Please clarify if the cut areas that are not concrete or asphalt will require an engineered fill.

Response: The engineered barrier will be required as shown on sheet SM-2, regardless of cut/fill.

RFI-46.

Question: Drawing sheet A0.1, phase 2 layout indicates "Provide protection 20' from dome perimeter". Please clarify what type of protection is required at this location.

Response: Please provide a Construction fence 20' from the dome perimeter.

RFI-47.

Question: Drawing sheet AS1.1, keynote N009 indicates "10' Jersey Barricades". Sheet C1.2, note 3 indicates concrete barricades to be stockpiled on site and placed as shown upon completion of work. Surplus barricades to be distributed along perimeter fence. Are the concrete barricades noted on sheet C1.2 the same as the 10' Jersey Barricades noted on sheet AS1.1? If not, please clarify what concrete barricades are being referred to on sheet C1.2. Also, if the 10' Jersey Barricades are new, there is no specification provided for the Barricades. Please provide specification.

Response: Confirmed. The jersey barricades identified on Drawing Sheet AS1.1 are the same as indicated on Drawing Sheet C1.2.

RFI-48.

Question: Drawing sheet C1.2, shows a ring of 6" CA-6 aggregate between the dome and the concrete pavement. Sheet C1.2A shows this same ring as reclaimed asphalt millings. Sheet A1.1 shows this same ring as replaced gravel millings. Sheet AS1.1 shows this same ring to be top soil and seeding. Please clarify what is to be placed between the dome and the concrete pavement around the dome.

Response: Drawing Sheet C1.2, C1.2A, and AS1.1 have been revised to show the scope of Work. The proposed surface between the dome and the ring road shall be a 6" minimum thickness layer of CA-6.

RFI-49.

Question: Drawing sheet C1.2, note #1 indicates "The existing asphalt millings shall be taken hauled offsite due to environmental concerns". Sheet SM-1, note 10 indicates "Existing asphalt grindings are allowed to remain in place on the surface of the site if they are undisturbed". Please clarify if all asphalt grindings within the work area are to be taken off site or only asphalt grindings disturbed.

Response: Drawing Sheet C1.2 has been revised and included in this Addendum to be consistent with SM-1. All excavated or disturbed asphalt grindings are to be properly disposed to a Subtitle D facility. The Contractor should not reuse excavation spoils for fill.

RFI-50.

Question: Foundation details 101, 102 & 103 on sheet S3.1 show an anchor bolt located on the exterior side of the foundation. Please provide information on type, size and spacing of the anchor bolt shown..

Response: Drawing Sheet S3.1 has been revised and included in this Addendum to identify the anchor bolt type, size, and spacing are shown in detail 104.

This Addendum includes the following attached Specifications and/or Documents:

1. B. Revised Bid Form – C1598 Salt Dome Replacement Facility (Grand Avenue) in PDF
 - a. Please note the Bid Form has been provided in PDF format in the event firm will not be completing or submitting in electronic format.
2. B. Revised Bid Form – C1598 Salt Dome Replacement Facility (Grand Avenue) in EXCEL
 - a. Please note the Award Criteria Figure Formula Spreadsheet is included. There are two sheets in the Excel document.

This Addendum includes the following attached Drawings:

1. AS1.1 – SITE PLAN, DATED 1/27/21
2. C1.2 – OVERALL SITE PLAN, 1/27/21
3. C1.2A – OVERALL SITE PLAN (ALTERNATES), 1/27/21
4. E1.1 – SITE LIGHTING PLAN, DATED 1/27/21
5. E1.2 – SITE POWER PLAN, DATED 1/27/21
6. S1.1 – FOUNDATION PLAN, DATED 1/27/21
7. S3.1 – DETAILS, DATED 1/27/21
8. SM-1 – SOIL MANAGEMENT PLAN, DATED 1/27/21
9. V0.1 – TOPOGRAPHIC AND UTILITY PLAN, DATED 1/27/21

END OF ADDENDUM NO. 04

B. REVISED BID FORM - C1598_SALT DOME REPLACEMENT FACILITY (GRAND AVENUE)

| | |
|----------------------|---|
| PROJECT NAME: | Salt Dome Replacement Facility (Grand Avenue) |
| CONTRACT NO: | C1598 |
| PROJECT NO: | 04021 |

| BID FORM (For Hardcopy Submission) | | | | | | | | | | | | | |
|--|---|----------------------|--------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| LINE | DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | TOTAL BASE WORK ONLY | TOTAL BASE + ALT 1 | TOTAL BASE - ALT 2 | TOTAL BASE - ALT 3 | TOTAL BASE - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 | TOTAL BASE + ALT 1 - ALT 3 | TOTAL BASE + ALT 1 - ALT 4 | TOTAL BASE - ALT 2 - ALT 3 | TOTAL BASE - ALT 2 - ALT 4 | TOTAL BASE - ALT 3 - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 - ALT 3 - ALT 4 |
| 1 | Base Work Only | | | | | | | | | | | | |
| 2 | Alternate #1 - Repair Existing Landscape Wall Along Grand Avenue (add) | | | | | | | | | | | | |
| 3 | Alternate #2 - Reduce HMA Parking Lot Size (deduct) | | | | | | | | | | | | |
| 4 | Alternate #3 - Replace PCC Pavement Ring Road With Compacted CA-6 Roadway & Barrier Curb (deduct) | | | | | | | | | | | | |
| 5 | Alternate #4 - Eliminate Water Service & Features (deduct) | | | | | | | | | | | | |
| 6 | Commission's Contract Contingency | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 |
| 7 | Site Work Allowance | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 |
| 8 | TOTAL BASE BID (equals Line 1 through 7) | | | | | | | | | | | | |
| 9 | TOTAL AWARD CRITERIA FIGURE (based on Line 8) | | | | | | | | | | | | |

| | | | | | | | |
|----------------------------|--|--|--|---|--|---------------------------|--|
| Accepted by the Commission | | SURETY INFORMATION <small>(Provide Legal Name and address of Surety)</small> | | BIDDER'S INFORMATION | | NOTES/INSTRUCTIONS | |
| Name: | | Firm Name: | | All Total Base Work and Total Base Work plus and/or minus Alternates, represented in the colors below, must be populated to be considered responsive. Light Purple Base Work Only For Base Work only, enter numbers as a currency with two (2) decimal spaces. (ie For Base Work Only of \$100,000.00, enter \$100,000.00) Light Blue Alternate 1 (ADD) For (ADD) Alternate #1, enter numbers as a currency with two (2) decimal spaces. (ie For (ADD) Alternate #1 of \$50,000.00, enter \$50,000.00) Light Yellow Alternates 2 - 4 (DEDUCT) For (DEDUCT) Alternate #2-4, enter numbers as a currency with two (2) decimal spaces and within parenthesis. (ie For (DEDUCT) Alternate #2 of \$200,000.00, enter (\$200,000.00)) Orange Total Base Bid Equals Line 1 through 7. Transfer value to Line 1 of Award Criteria Figure Formula worksheet. Green Total Award Criteria Figure Based on Line 8 (Total Base Bid figure). Dark Gray Do not populate Bidders will be unable to populate any fields shaded in this color. | | | |
| Address: | | Submitted on: | | | | | |
| | | | | | | | |

PROJECT NAME: Salt Dome Replacement Facility (Grand Avenue)
 CONTRACT NO: C1598
 PROJECT NO: 04021

AWARD CRITERIA FIGURE
 (For Hardcopy Submission)

| FORMULA | A | B | C | D | E | F | G | H | I | J | K | L |
|---|----------------------|--------------------|--------------------|--------------------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| | TOTAL BASE WORK ONLY | TOTAL BASE + ALT 1 | TOTAL BASE - ALT 2 | TOTAL BASE - ALT 3 | TOTAL BASE - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 | TOTAL BASE + ALT 1 - ALT 3 | TOTAL BASE + ALT 1 - ALT 4 | TOTAL BASE - ALT 2 - ALT 3 | TOTAL BASE - ALT 2 - ALT 4 | TOTAL BASE - ALT 3 - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 - ALT 3 - ALT 4 |
| Line 1. (Based on Total Base Bid) | | | | | | | | | | | | |
| Line 2. Minority Journeyman (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 3. Multiply Line 2 by Line 1 by 0.04 | | | | | | | | | | | | |
| Line 4. Minority Apprentice (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 5. Multiply Line 4 by Line 1 by 0.03 | | | | | | | | | | | | |
| Line 6. Minority Laborer (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 7. Multiply Line 6 by Line 1 by 0.01 | | | | | | | | | | | | |
| Line 8. Female Journeyman (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 9. Multiply Line 8 by Line 1 by 0.04 | | | | | | | | | | | | |
| Line 10. Female Apprentice (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 11. Multiply Line 10 by Line 1 by 0.03 | | | | | | | | | | | | |
| Line 12. Female Laborer (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 13. Multiply Line 12 by Line 1 by 0.01 | | | | | | | | | | | | |
| Line 14. Total of Lines 3, 5, 7, 9, 11, and 13 | | | | | | | | | | | | |
| Line 15. Total Award Criteria | | | | | | | | | | | | |
| TOTAL AWARD CRITERIA (Line 15) | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |

Accepted by the Commission

NOTES/INSTRUCTIONS

- Line 1. is based on Line 8 of Bid Form (Total Base Bid)
- Bidder is to populate Lines 2, 4, 6, 8, 10, and 12 (fields shaded Light Green).
- Lines 2, 4, 6, 8, 10, and 12 are to be entered in decimals. (ie 5% participation = 0.05, 15% participation = 0.15, 50% participation = .50)
- TOTAL AWARD CRITERIA - Re-enter Line 15**

BIDDER'S INFORMATION

Firm Name: _____
 Submitted on: _____

B. REVISED BID FORM - C1598_SALT DOME REPLACEMENT FACILITY (GRAND AVENUE)

| | |
|----------------------|---|
| PROJECT NAME: | Salt Dome Replacement Facility (Grand Avenue) |
| CONTRACT NO: | C1598 |
| PROJECT NO: | 04021 |

| BID FORM (For Electronic Submission Copy) | | | | | | | | | | | | | |
|---|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| LINE | DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | TOTAL BASE WORK ONLY | TOTAL BASE + ALT 1 | TOTAL BASE - ALT 2 | TOTAL BASE - ALT 3 | TOTAL BASE - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 | TOTAL BASE + ALT 1 - ALT 3 | TOTAL BASE + ALT 1 - ALT 4 | TOTAL BASE - ALT 2 - ALT 3 | TOTAL BASE - ALT 2 - ALT 4 | TOTAL BASE - ALT 3 - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 - ALT 3 - ALT 4 |
| 1 | Base Work Only | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2 | Alternate #1 - Repair Existing Landscape Wall Along Grand Avenue (add) | | \$ - | | | | \$ - | \$ - | \$ - | | | | \$ - |
| 3 | Alternate #2 - Reduce HMA Parking Lot Size (deduct) | | | \$0.00 | | | \$0.00 | | | \$0.00 | \$0.00 | | \$0.00 |
| 4 | Alternate #3 - Replace PCC Pavement Ring Road With Compacted CA-6 Roadway & Barrier Curb (deduct) | | | | \$0.00 | | | \$0.00 | | \$0.00 | | \$0.00 | \$0.00 |
| 5 | Alternate #4 - Eliminate Water Service & Features (deduct) | | | | | \$0.00 | | | \$0.00 | | \$0.00 | \$0.00 | \$0.00 |
| 6 | Commission's Contract Contingency | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 |
| 7 | Site Work Allowance | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 | \$ 250,000.00 |
| 8 | TOTAL BASE BID (equals Line 1 through 7) | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 |
| 9 | TOTAL AWARD CRITERIA FIGURE (based on Line 8) | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 | \$ 500,000.00 |

| | | | | | |
|---|---------------------|---|-----------------------------|--|--|
| SURETY INFORMATION <small>Accepted by the Commission (Provide Legal Name and address of Surety)</small> | | BIDDER'S INFORMATION | | NOTES/INSTRUCTIONS | |
| Name: _____ | Firm Name: _____ | | | | |
| Address: _____ | Submitted on: _____ | | | | |
| | | All Total Base Work and Total Base Work plus and/or minus Alternates, represented in the colors below, must be populated to be considered responsive. | | | |
| | | Light Purple | Base Work Only | For Base Work only, enter numbers without decimals or commas. (e For Base Bid of \$100,000.00, enter 100000) | |
| | | Light Blue | Alternate 1 (ADD) | For (ADD) Alternate #1, enter numbers without decimals or commas. (e For (ADD) Alternate #1 of \$50,000.00, enter 50000) | |
| | | Light Yellow | Alternates 2 - 4 (DEDUCT) | For (DEDUCT) Alternate #2-4, first enter a minus symbol (-), then enter numbers without decimals or commas. (e For (DEDUCT) Alternate #2 of \$200,000.00, enter -200000) | |
| | | Orange | Total Base Bid | Equals Line 1 through 7. Total Base Bid automatically populates. | |
| | | Green | Total Award Criteria Figure | Based on Line 8 (Total Base Bid figure). Total Award Criteria Figure automatically populates from Award Criteria Figure Worksheet. | |
| | | Dark Gray | Do not populate | Bidders will be unable to populate any fields shaded in this color. | |

PROJECT NAME: Salt Dome Replacement Facility (Grand Avenue)
 CONTRACT NO: C1598
 PROJECT NO: 04021

AWARD CRITERIA FIGURE FORMULA

(For Electronic Submission Copy)

| FORMULA | A | B | C | D | E | F | G | H | I | J | K | L |
|---|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| | TOTAL BASE WORK ONLY | TOTAL BASE + ALT 1 | TOTAL BASE - ALT 2 | TOTAL BASE - ALT 3 | TOTAL BASE - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 | TOTAL BASE + ALT 1 - ALT 3 | TOTAL BASE + ALT 1 - ALT 4 | TOTAL BASE - ALT 2 - ALT 3 | TOTAL BASE - ALT 2 - ALT 4 | TOTAL BASE - ALT 3 - ALT 4 | TOTAL BASE + ALT 1 - ALT 2 - ALT 3 - ALT 4 |
| Line 1. (Based on Total Base Bid) | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 2. Minority Journeyman (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 3. Multiply Line 2 by Line 1 by 0.04 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 4. Minority Apprentice (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 5. Multiply Line 4 by Line 1 by 0.03 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 6. Minority Laborer (Maximum figure 0.70) | | | | | | | | | | | | |
| Line 7. Multiply Line 6 by Line 1 by 0.01 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 8. Female Journeyman (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 9. Multiply Line 8 by Line 1 by 0.04 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 10. Female Apprentice (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 11. Multiply Line 10 by Line 1 by 0.03 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 12. Female Laborer (Maximum figure 0.15) | | | | | | | | | | | | |
| Line 13. Multiply Line 12 by Line 1 by 0.01 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| Line 14. Total of Lines 3, 5, 7, 9, 11, and 13 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Line 15. Total Award Criteria | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |
| TOTAL AWARD CRITERIA (Line 15) | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 | \$500,000.00 |

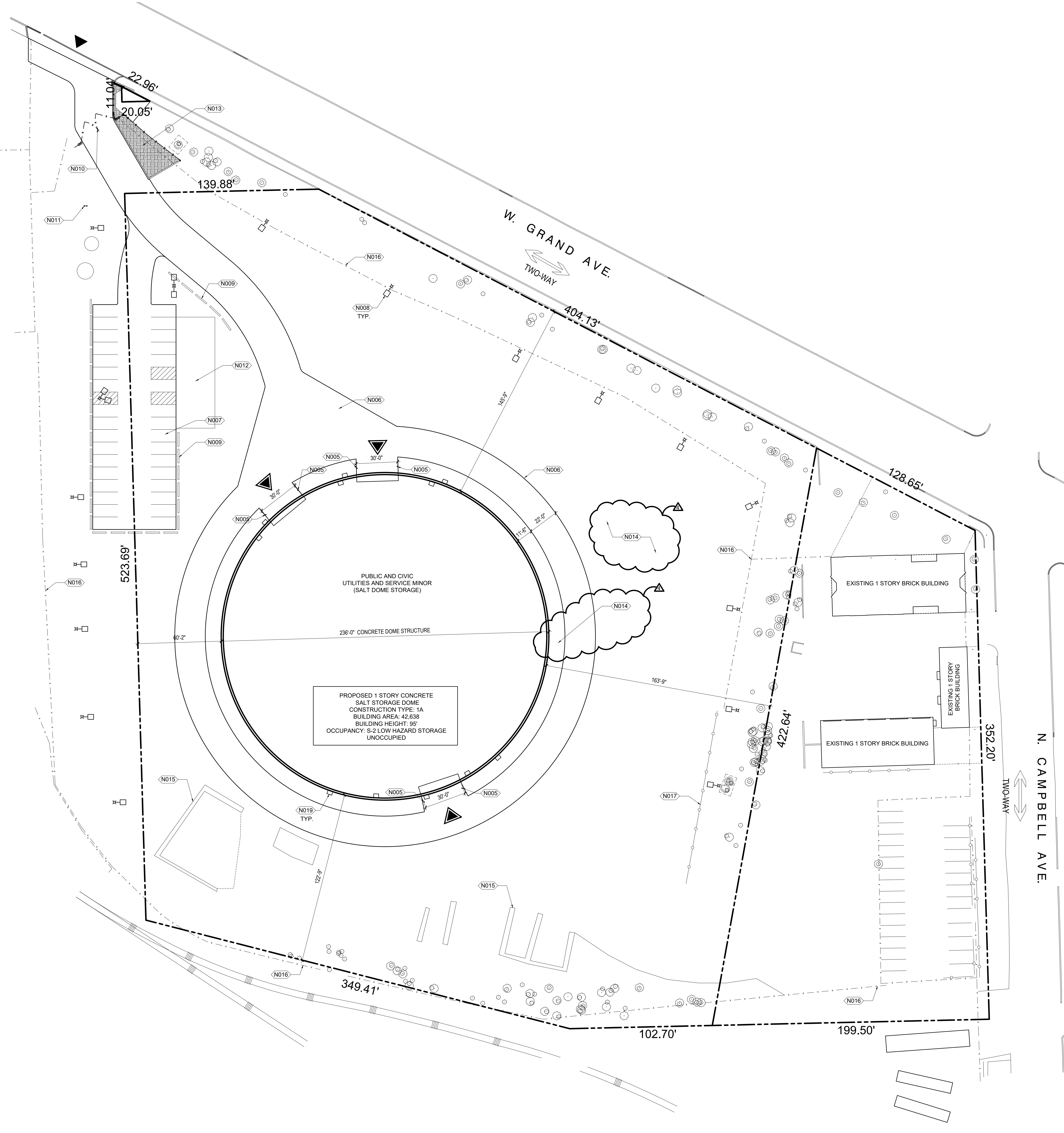
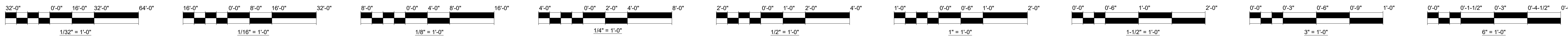
Accepted by the Commission

NOTES/INSTRUCTIONS

- Line 1. (Based on Total Base Bid) automatically populates from Bid Form.
- Bidder is to populate Lines 2, 4, 6, 8, 10, and 12 (fields shaded Light Green).
- Lines 2, 4, 6, 8, 10, and 12 are to be entered in decimals. (ie 5% participation = 0.05, 15% participation = 0.15, 50% participation = .50)
- TOTAL AWARD CRITERIA automatically populates.

BIDDER'S INFORMATION

Firm Name: _____
 Submitted on: _____



KEYNOTES:

| NOTE | DESCRIPTION |
|------|--|
| N001 | 236'-0" DIAMETER PRE-ENGINEERED MONOLITHIC CONCRETE DOME. HEIGHT = 95'-0" BY DOME CONTRACTOR |
| N002 | WATER DIVERSION CURB |
| N003 | RING BEAM |
| N004 | VENTILATOR DUCT |
| N005 | 6" Ø STAINLESS STEEL BOLLARD - SEE CIVIL SHEETS |
| N006 | CONCRETE PAVEMENT |
| N007 | ASPHALT PAVEMENT |
| N008 | LIGHT POLE |
| N009 | 10' JERSEY BARRICADE |
| N010 | (2) 15'-0" SWING GATE - SEE DETAIL 2AS1.0 |
| N011 | FIRE HYDRANT |
| N012 | CONCRETE PAD |
| N013 | TOP SOIL AND SEEDING |
| N014 | GRAVEL SURFACE - SEE SHEET C1.2 |
| N015 | CONCRETE BLOCK STORAGE TO BE REPLACED |
| N016 | EXISTING FENCE TO REMAIN |
| N017 | EXISTING METAL GUARD RAIL TO REMAIN |
| N018 | EXISTING TREE TO REMAIN |
| N019 | DOME LIGHTING |

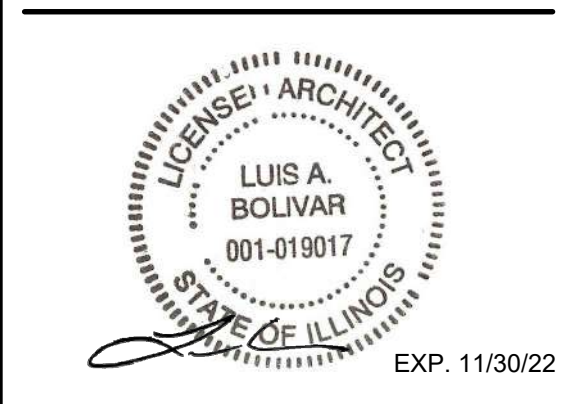
GENERAL NOTES

- REFER TO CIVIL GRADING FOR STORMWATER DETENTION AND WATER DRAINAGE STRATEGIES.
- ALL DOME CONSTRUCTION, INCLUDING AIR FORM, INSULATION AND CONCRETE SHALL BE BY DOME CONTRACTOR IN ACCORDANCE WITH SPECIFICATION SECTION 131700.
- STRUCTURAL CONCRETE WORK IS DENOTED "BY G.C." OR "BY DOME CONTRACTOR" TO CLARIFY SCOPE EXTENT OF DOME CONTRACTOR.
- UNLESS OTHERWISE INDICATED, ALL WORK IS BY G.C.

LEGEND:

| | | | |
|--|---|--|---|
| | EXISTING TREE | | PROPERTY LINE |
| | ACCESS DRIVE ENTRANCE | | UTILITY EASEMENT |
| | MAIN BUILDING ENTRANCE | | EXISTING ALLEY |
| | TREE TRUNK PROTECTION (SEE DETAIL 1AS1.0) | | EXISTING FENCE |
| | | | TREE PROTECTION FENCE (SEE DETAIL 2AS1.0) |

1 SITE PLAN
SCALE: 1/32" = 1'-0"



Salt Dome Replacement Facility (Grand Avenue)
2555 W GRAND AVE
CHICAGO, IL 60612
ASSETS, INFORMATION AND SERVICES
CITY OF CHICAGO, COMMISSIONER DAVID REYNOLDS

Engineer of Record:
HBK ENGINEERING, LLC.

hbk ENGINEERING
921 WEST VAN BUREN STREET, SUITE 100
CHICAGO, ILLINOIS 60607
STATE OF ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION
LICENSE NO. 184-002388

David Mason and Associates, Inc.
Chicago, IL
Civil Engineer of Record

FORMA Architecture, Ltd.
Chicago, IL
Architect of Record

Delta Engineering Group, LLC.
Chicago, IL
Electrical Engineer of Record

DomTec International
Idaho Falls, ID
Structural Engineer of Record

Issuance

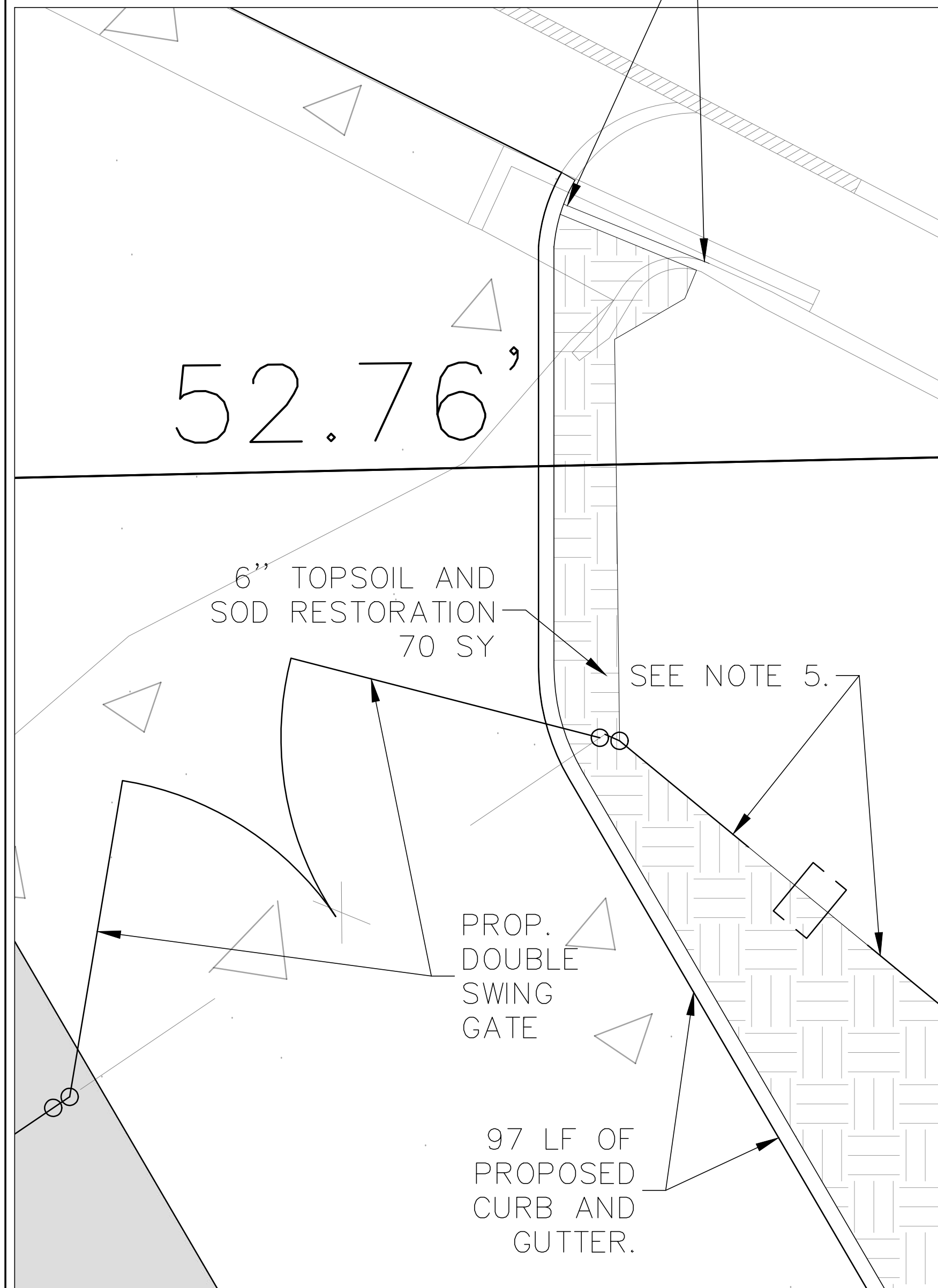
| Mark | Description | Date |
|------|-----------------------------|------------|
| 1 | Schematic Design | 8/31/2020 |
| 2 | Design Development | 9/28/2020 |
| 3 | 60% Construction Documents | 10/28/2020 |
| 4 | 90% Construction Documents | 11/25/2020 |
| 5 | 100% Construction Documents | 12/18/2020 |
| 6 | Issue For Bid | 01/08/2021 |
| 6 | Issue For Bid - Addendum 4 | 01/27/2021 |

PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)
PBC Contract No: C1598
Project No: 04021
Title

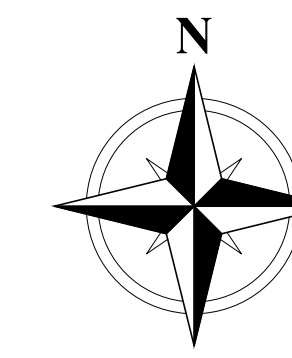
SITE PLAN

Sheet
AS1.1

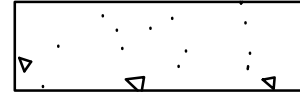

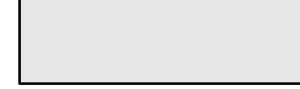


DETAIL 1



CONTRACTOR SHALL RECONSTRUCT EXISTING LANDSCAPING BLOCK WALL USING SALVAGED MATERIALS.

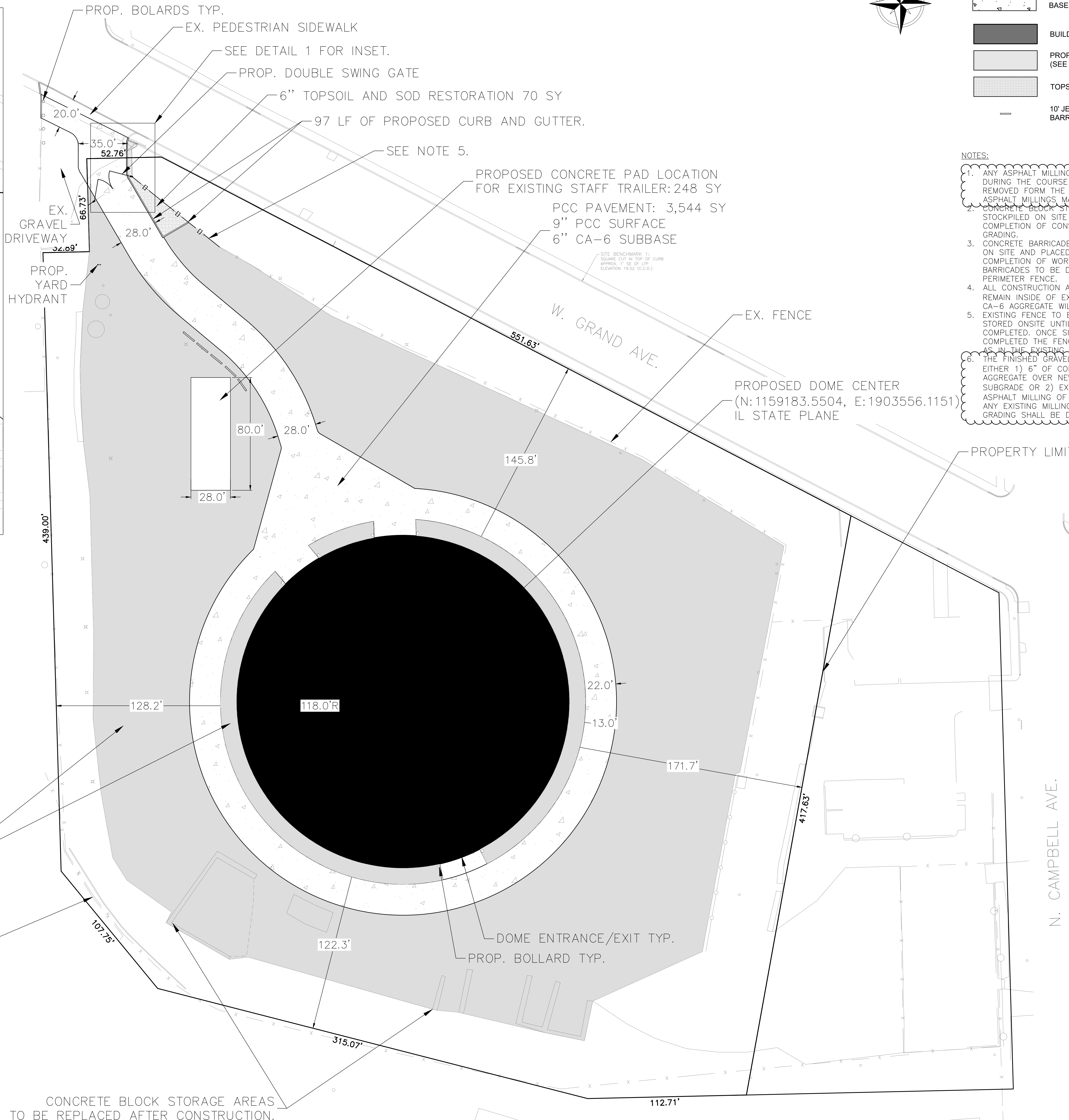


LEGEND AND ABBREVIATIONS:

-  CONCRETE PAVEMENT AND BASE
-  BUILDING
-  PROPOSED GRAVEL SURFACE (SEE NOTE 6)
-  TOPSOIL AND SEEDING
-  10' JERSEY BARRICADE

NOTES:

1. ANY ASPHALT MILLINGS THAT ARE DISTURBED DURING THE COURSE OF WORK MUST BE REMOVED FROM THE SITE. UNDISTURBED ASPHALT MILLINGS MAY REMAIN IN PLACE.
2. CONCRETE BLOCK STORAGE AREAS TO BE STOCKPILED ON SITE AND REPLACED UPON COMPLETION OF CONSTRUCTION AND GRADING.
3. CONCRETE BARRICADES TO BE STOCKPILED ON SITE AND PLACED AS SHOWN UPON COMPLETION OF WORK. SURPLUS BARRICADES TO BE DISTRIBUTED ALONG PERIMETER FENCE.
4. ALL CONSTRUCTION ACTIVITIES ARE TO REMAIN INSIDE OF EX. FENCED AREA/WHERE CA-6 AGGREGATE WILL BE REPLACED. EXISTING FENCE TO BE REMOVED AND STORED ONSITE UNTIL GRADING IS COMPLETED. ONCE SITE GRADING IS COMPLETED THE FENCE IS TO BE INSTALLED AS IN THE EXISTING CONDITIONS.
5. THE FINISHED GRAVEL SURFACE SHALL BE EITHER 1) 6" OF COMPACTED CA-6 AGGREGATE OVER NEW OR EXISTING SUBGRADE OR 2) EXISTING UNDISTURBED ASPHALT MILLING OF 3" MINIMUM DEPTH. ANY EXISTING MILLINGS MOVED DURING GRADING SHALL BE DISPOSED OF OFF-SITE.



PROPOSED GRAVEL SURFACE (SEE NOTE 6)

CONCRETE BLOCK STORAGE AREAS TO BE REPLACED AFTER CONSTRUCTION.



Salt Dome Replacement Facility (Grand Avenue)
 2555 W GRAND AVE
 CHICAGO, IL 60612
 ASSETS, INFORMATION AND SERVICES
 CITY OF CHICAGO, COMMISSIONER DAVID REYNOLDS

Engineer of Record:
 HBK ENGINEERING, LLC.

hbk
 ENGINEERING
 A QUANTA SERVICES COMPANY
 921 WEST VAN BUREN STREET, SUITE 100
 CHICAGO, ILLINOIS 60607
 STATE OF ILLINOIS DEPARTMENT
 OF PROFESSIONAL REGULATION.
 LICENSE NO. 184-002308

David Mason and Associates, Inc.
 Chicago, IL
 Civil Engineer of Record

FORMA Architecture, Ltd.
 Chicago, IL
 Architect of Record

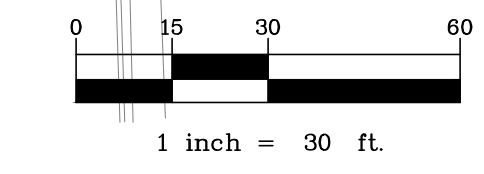
Delta Engineering Group, LLC.
 Chicago, IL
 Electrical Engineer of Record

DomTec International
 Idaho Falls, ID
 Structural Engineer of Record

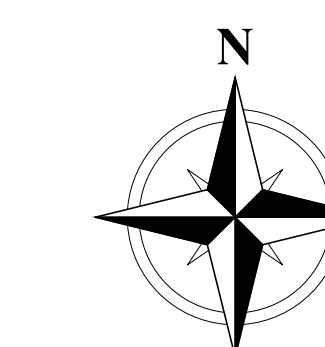
| Mark | Description | Date |
|------|-----------------------------|------------|
| 1 | Schematic Design | 8/31/2020 |
| 2 | Design Development | 9/28/2020 |
| 3 | 60% Construction Documents | 10/28/2020 |
| 4 | 90% Construction Documents | 11/25/2020 |
| 5 | 100% Construction Documents | 12/18/2020 |
| 6 | Issue For Bid | 01/08/2021 |
| 7 | Issue For Bid - Addendum #4 | 01/27/2021 |

PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)
 PBC Contract No.: C1598
 Project No.: 04021

OVERALL SITE PLAN



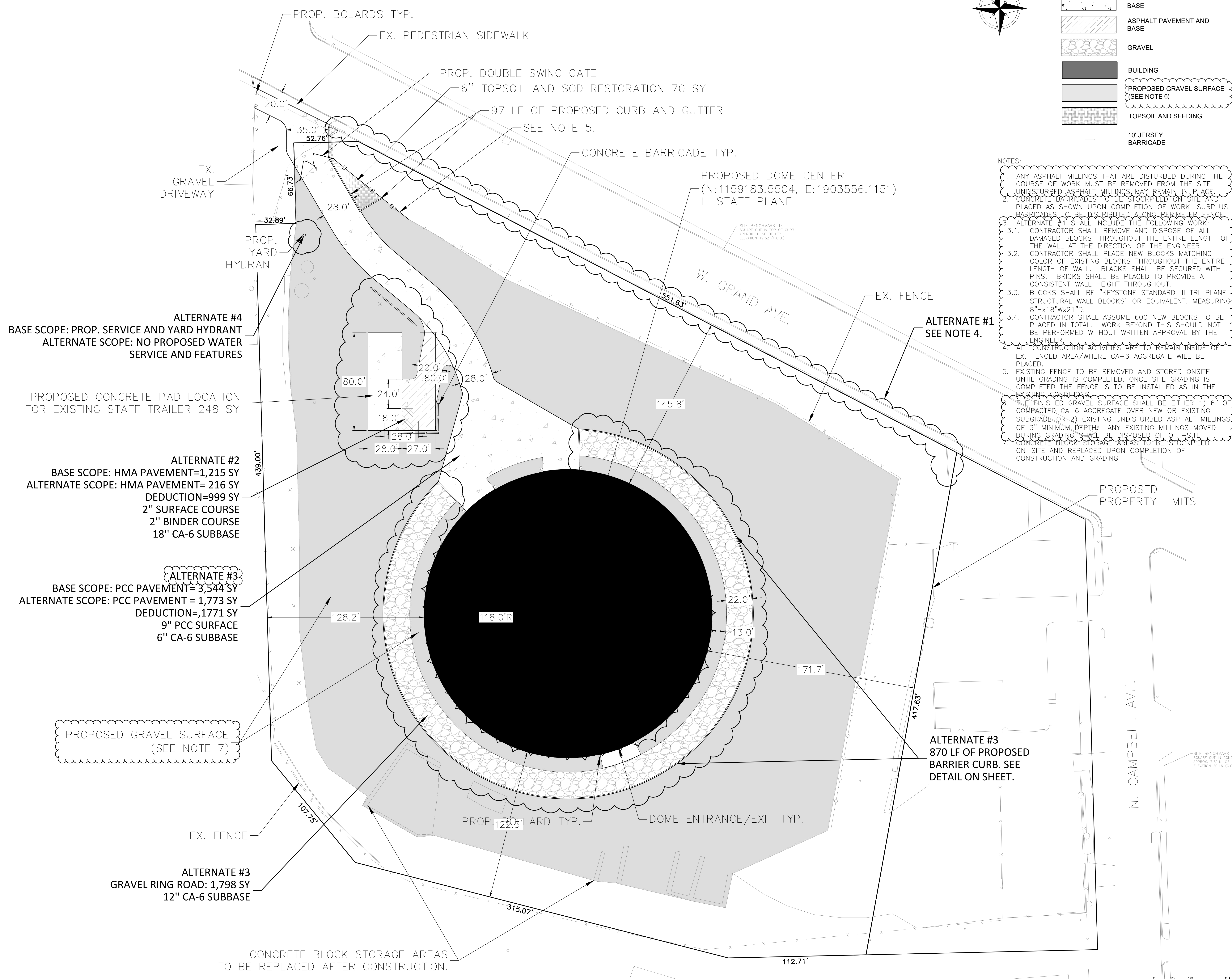
LEGEND AND ABBREVIATIONS:



- CONCRETE PAVEMENT AND BASE
- ASPHALT PAVEMENT AND BASE
- GRAVEL
- BUILDING
- PROPOSED GRAVEL SURFACE (SEE NOTE 6)
- TOPSOIL AND SEEDING
- 10' JERSEY BARRICADE

NOTES:

1. ANY ASPHALT MILLINGS THAT ARE DISTURBED DURING THE COURSE OF WORK MUST BE REMOVED FROM THE SITE. UNDISTURBED ASPHALT MILLINGS MAY REMAIN IN PLACE.
2. CONCRETE BARRICADES TO BE STOCKPILED ON SITE AND PLACED AS SHOWN UPON COMPLETION OF WORK. SURPLUS BARRICADES TO BE DISTRIBUTED ALONG PERIMETER FENCE.
3. ALTERNATE #1 SHALL INCLUDE THE FOLLOWING WORK:
 - 3.1. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DAMAGED BLOCKS THROUGHOUT THE ENTIRE LENGTH OF THE WALL AT THE DIRECTION OF THE ENGINEER.
 - 3.2. CONTRACTOR SHALL PLACE NEW BLOCKS MATCHING COLOR OF EXISTING BLOCKS THROUGHOUT THE ENTIRE LENGTH OF WALL. BLOCKS SHALL BE SECURED WITH PINS. BRICKS SHALL BE PLACED TO PROVIDE A CONSISTENT WALL HEIGHT THROUGHOUT.
 - 3.3. BLOCKS SHALL BE "KEYSTONE STANDARD III TRI-PLANE STRUCTURAL WALL BLOCKS" OR EQUIVALENT, MEASURING 8"x18"x21"D.
 - 3.4. CONTRACTOR SHALL ASSUME 600 NEW BLOCKS TO BE PLACED IN TOTAL. WORK BEYOND THIS SHOULD NOT BE PERFORMED WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
4. ALL CONSTRUCTION ACTIVITIES ARE TO REMAIN INSIDE OF EX. FENCED AREA/WHERE CA-6 AGGREGATE WILL BE PLACED.
5. EXISTING FENCE TO BE REMOVED AND STORED ON-SITE UNTIL GRADING IS COMPLETED. ONCE SITE GRADING IS COMPLETED THE FENCE IS TO BE INSTALLED AS IN THE EXISTING CONDITIONS.
6. THE FINISHED GRAVEL SURFACE SHALL BE EITHER 1) 6" OF COMPACTED CA-6 AGGREGATE OVER NEW OR EXISTING SUBGRADE OR 2) EXISTING UNDISTURBED ASPHALT MILLINGS OF 3" MINIMUM DEPTH. ANY EXISTING MILLINGS MOVED DURING GRADING SHALL BE DISPOSED OF OFF-SITE.
7. CONCRETE BLOCK STORAGE AREAS TO BE STOCKPILED ON-SITE AND REPLACED UPON COMPLETION OF CONSTRUCTION AND GRADING.



ALTERNATE #4
 BASE SCOPE: PROP. SERVICE AND YARD HYDRANT
 ALTERNATE SCOPE: NO PROPOSED WATER SERVICE AND FEATURES

PROPOSED CONCRETE PAD LOCATION FOR EXISTING STAFF TRAILER 248 SY

ALTERNATE #2
 BASE SCOPE: HMA PAVEMENT=1,215 SY
 ALTERNATE SCOPE: HMA PAVEMENT= 216 SY
 DEDUCTION=999 SY
 2" SURFACE COURSE
 2" BINDER COURSE
 18" CA-6 SUBBASE

ALTERNATE #3
 BASE SCOPE: PCC PAVEMENT=3,544 SY
 ALTERNATE SCOPE: PCC PAVEMENT = 1,773 SY
 DEDUCTION=1,771 SY
 9" PCC SURFACE
 6" CA-6 SUBBASE

PROPOSED GRAVEL SURFACE (SEE NOTE 7)

ALTERNATE #3
 GRAVEL RING ROAD: 1,798 SY
 12" CA-6 SUBBASE

CONCRETE BLOCK STORAGE AREAS TO BE REPLACED AFTER CONSTRUCTION.

ALTERNATE #1
 SEE NOTE 4.

ALTERNATE #3
 870 LF OF PROPOSED BARRIER CURB. SEE DETAIL ON SHEET.



Salt Dome Replacement Facility (Grand Avenue)
 2555 W GRAND AVE
 CHICAGO, IL 60612
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 CITY OF CHICAGO, COMMISSIONER DAVID REYNOLDS

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hbK
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 921 WEST VAN BUREN STREET, SUITE 100
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 STATE OF ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION.
 LICENSE NO. 184-002306

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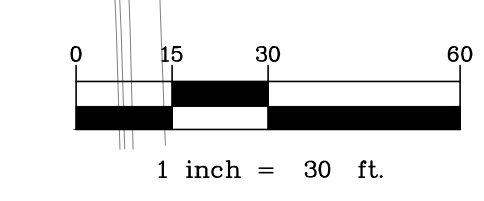
DomTec International
 Idaho Falls, ID
 Structural Engineer of Record

| Mark | Description | Date |
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PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)
 PBC Contract No: C1598
 Project No.: 04021

Title
OVERALL SITE PLAN (ALTERNATES)

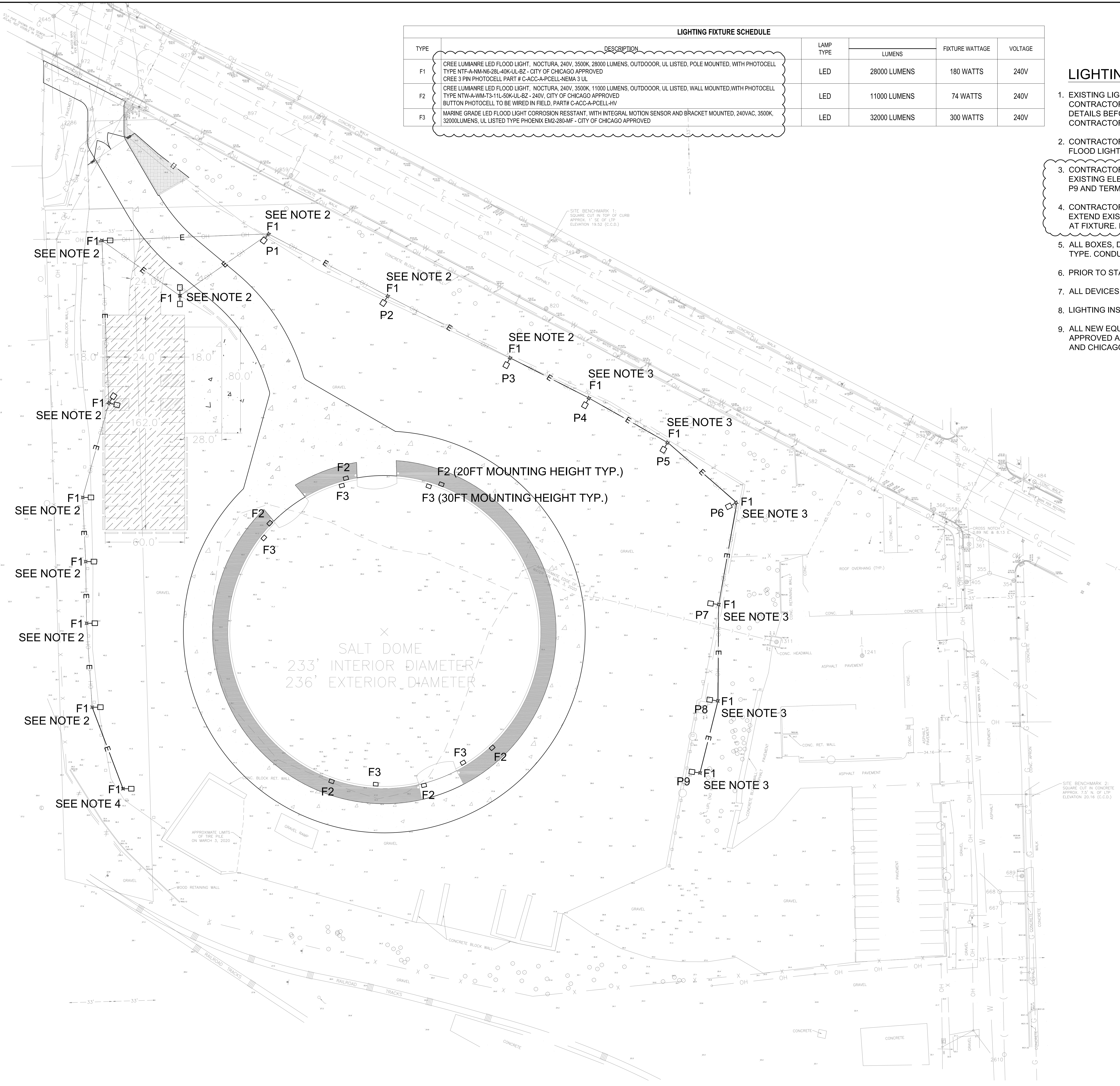
Sheet
C1.2A



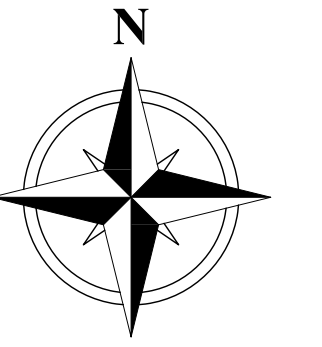
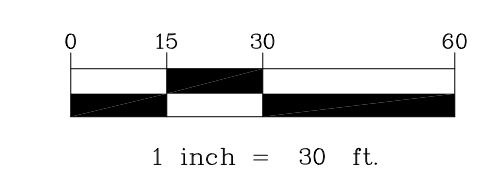
| LIGHTING FIXTURE SCHEDULE | | | | | |
|---------------------------|--|-----------|--------------|-----------------|---------|
| TYPE | DESCRIPTION | LAMP TYPE | LUMENS | FIXTURE WATTAGE | VOLTAGE |
| | | | | | |
| F1 | CREE LUMIANRE LED FLOOD LIGHT, NOCTURA, 240V, 3500K, 28000 LUMENS, OUTDOOR, UL LISTED, POLE MOUNTED, WITH PHOTOCELL TYPE NTF-A-NM-N5-28L-40K-UL-B2 - CITY OF CHICAGO APPROVED CREE 3 PIN PHOTOCELL PART # C-ACC-A-PCELL-NEMA 3 UL | LED | 28000 LUMENS | 180 WATTS | 240V |
| F2 | CREE LUMIANRE LED FLOOD LIGHT, NOCTURA, 240V, 3500K, 11000 LUMENS, OUTDOOR, UL LISTED, WALL MOUNTED, WITH PHOTOCELL TYPE NTW-A-WM-T3-11L-50K-UL-B2 - 240V, CITY OF CHICAGO APPROVED BUTTON PHOTOCELL TO BE WIRED IN FIELD, PART# C-ACC-A-PCELL-HV | LED | 11000 LUMENS | 74 WATTS | 240V |
| F3 | MARINE GRADE LED FLOOD LIGHT CORROSION RESISTANT, WITH INTEGRAL MOTION SENSOR AND BRACKET MOUNTED, 240VAC, 3600K, 32000LUMENS, UL LISTED TYPE PHOENIX EM2-280-MF - CITY OF CHICAGO APPROVED | LED | 32000 LUMENS | 300 WATTS | 240V |

LIGHTING GENERAL NOTES:

- EXISTING LIGHT POLES ARE COMBINATION OF STEEL AND WOOD POLES. ELECTRICAL CONTRACTOR MUST PERFORM FIELD SURVEY OF EXISTING LIGHT FIXTURES INSTALLATION DETAILS BEFORE ORDERING NEW LIGHT FIXTURES WITH MOUNTING BRACKET. THE CONTRACTOR SHALL NOT CHARGE EXTRA FOR WRONG ORDERING OF MOUNTING BRACKET.
- CONTRACTOR TO REPLACE EXISTING FLOOD LIGHT FIXTURES WITH NEW LED FLOOD LIGHT FIXTURES AND FIXTURE BRACKETS ON EXISTING POLE.
- CONTRACTOR TO INSTALL NEW LED FLOOD FIXTURE ON EXISTING POLES, EXTEND EXISTING ELECTRICAL AERIAL CABLE WITH NEW ELECTRICAL CABLE FROM POLE P3 TO POLE P9 AND TERMINATE AT FIXTURE. EXISTING AERIAL CABLE ENDS AT POLE P3.
- CONTRACTOR SHALL INSTALL NEW 45 FT WOOD POLE WITH NEW LED FIXTURE. EXTEND EXISTING ELECTRICAL AERIAL CABLE WITH NEW ELECTRICAL CABLE AND TERMINATE AT FIXTURE. LOCATE NEW POLE 70FT AWAY FROM THE LAST POLE TO SUIT FIELD CONDITIONS
- ALL BOXES, DEVICES, AND SUPPORT INSIDE THE DOME SHALL BE CORROSION RESISTANT TYPE. CONDUIT SHALL BE CORROSION RATED PVC COATED RGS.
- PRIOR TO STARTING SITE WORK, CONTRACTOR TO INSTALL ALL UNDERGROUND CONDUITS.
- ALL DEVICES MOUNTED OUTSIDE SHALL BE WEATHER RESISTANT.
- LIGHTING INSIDE DOME SHALL BE CONTROLLED BY MOTION SENSORS.
- ALL NEW EQUIPMENTS SUPPLIED BY THE CONTRACTOR MUST BE CITY OF CHICAGO APPROVED AND CONFIRM TO ALL THE REQUIREMENTS OF CITY OF CHICAGO BUILDING CODES AND CHICAGO ELECTRICAL CODES.



ELECTRICAL SITE LIGHTING PLAN



H.M.A.S.T.E.R.



Salt Dome Replacement Facility (Grand Avenue)
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PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)
PBC Contract No.: C1598
Project No.: 04021

Title
SITE LIGHTING PLAN

Sheet
E1.1

EXISTING INCOMING SERVICE ENTRANCE RATED PANEL DP-1, 120/240V, 1P, 3W, 400AMPS MAIN, SEE DWG. E3.1 SINGLE LINE DIAGRAM FOR NUMBER OF BRANCH BREAKERS. TO REMAIN AS-IS SEE DETAIL A

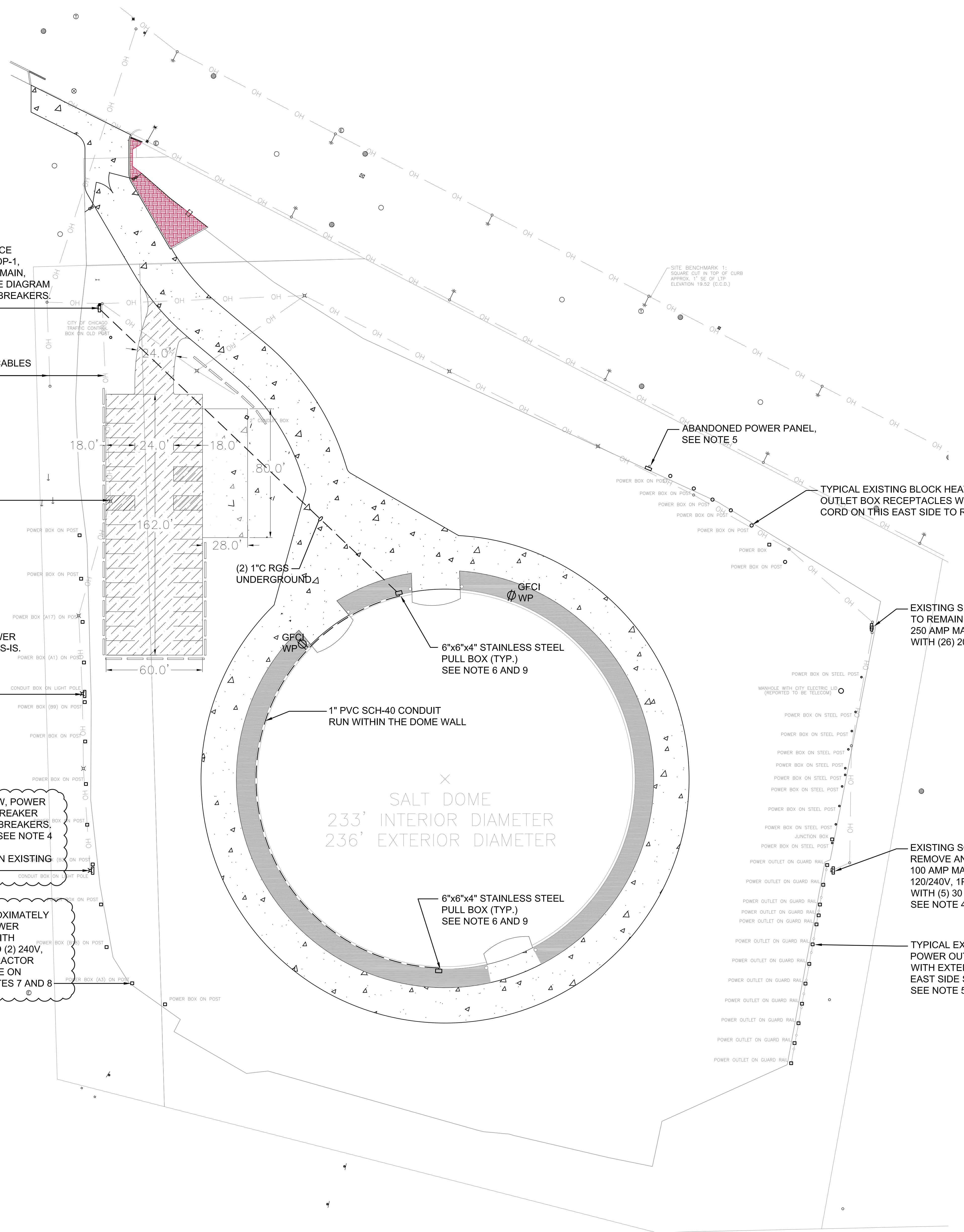
EXISTING AERIAL POWER CABLES TO REMAIN (TYPICAL)

ALL EXISTING UTILITY POLES TO REMAIN

EXISTING ERICKSON POWER PANEL PP-3 TO REMAIN AS-IS. 250 AMP MAIN BREAKER, 120/240V, 1PH, 3W WITH (26) 20 AMP BRANCH BREAKERS TO REMAIN AS-IS

EXISTING 120/240V, 1P, 3W, POWER PANEL WITH 100A MAIN BREAKER AND (4) 30A, 2P BRANCH BREAKERS. REMOVE AND REPLACE. SEE NOTE 4 FOR REPLACEMENT. DETAIL "B" PHOTO SHOWN EXISTING CONDITION

TYPICAL TOTAL OF APPROXIMATELY 13 EXISTING HUBBELL POWER CENTER (YELLOW BOX) WITH (2) 240V, 2P BREAKER AND (2) 240V, 2P RECEPTACLES. CONTRACTOR TO REMOVE AND REPLACE ON THIS WEST SIDE, SEE NOTES 7 AND 8



ELECTRICAL SITE POWER PLAN

POWER GENERAL NOTES:

- CONTRACTOR TO DISCONNECT POWER CABLES CONNECTED TO HUBBELL POWER CENTER, THESE BOXES ARE LOCATED ON EAST SIDE OF EXISTING SALT PILE.
- CONTRACTOR TO REMOVE ALL HUBBELL BOXES WHICH ARE YELLOW IN COLOR. SEE DETAIL "C" AND "D".
- DISCONNECTED CABLES TO BE REUSED AFTER REPLACEMENT OF POWER CENTER BOXES.
- CONTRACTOR TO DISCONNECT AND REMOVE EXISTING SQ. D, 100AMP PANEL. REPLACE WITH 100AMP MAIN BREAKER PANEL, NUMBER OF BRANCH BREAKERS AND SIZE OF BREAKERS SHALL REMAIN SAME. PANEL ENCLOSURE SHALL BE STAINLESS STEEL NEMA TYPE 3R.
- CONTRACTOR TO DISCONNECT AT BOTH ENDS AND REMOVE ALL CABLES. ABANDON RACEWAY SYSTEM IN ITS PLACE.
- ALL BOXES, DEVICES, AND SUPPORT INSIDE THE DOME SHALL BE CORROSION RESISTANT TYPE. CONDUIT SHALL BE CORROSION RATED PVC COATED RGS.
- CONTRACTOR MUST VISIT TO SURVEY NUMBER OF EXISTING LIGHT FIXTURES AND EXISTING ENGINE BLOCK HEATERS POWER OUTLET BOXES BY HUBBELL.
- CONTRACTOR TO REPLACE APPROXIMATELY 13 HUBBELL POWER BOXES, SHOWN IN DETAIL "C" AND "D" PHOTOS. REPLACE WITH APPLETON UNILET COMPLETELY ASSEMBLED WITH (2) 240V, 30A BREAKERS OR DISCONNECT SWITCH AND NEMA 6-30R CONFIGURATION GFCI RECEPTACLE PLUG AND CABLE ASSEMBLY. DETAILS E AND F SHOWN ON SHEET E1.3 ARE SHOWN AS REFERENCE FOR SIMILAR MOUNTING.
- ALL ITEMS MOUNTED ON DOME STRUCTURE SHALL BE OFFSET FROM THE STRUCTURE A MINIMUM OF ONE (1) INCH BY USE OF STAINLESS STEEL C-CHANNEL.
- CONTRACTOR SHALL RECONNECT EXISTING POWER SUPPLY TO EXISTING TRAILERS, WHENEVER TRAILERS WILL BE REPLACED OR RELOCATE.



PANEL TO BE REPLACED - DETAIL "B"



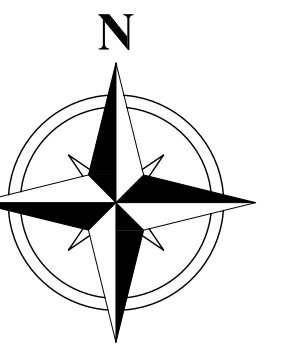
DETAIL "C"



DETAIL "D"



EXISTING PANEL DP-1 - DETAIL "A"



Hamja S. Master



Salt Dome Replacement Facility (Grand Avenue)
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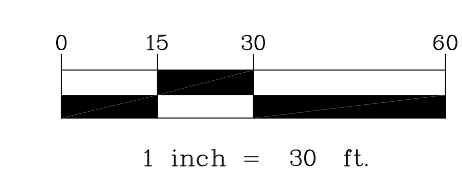
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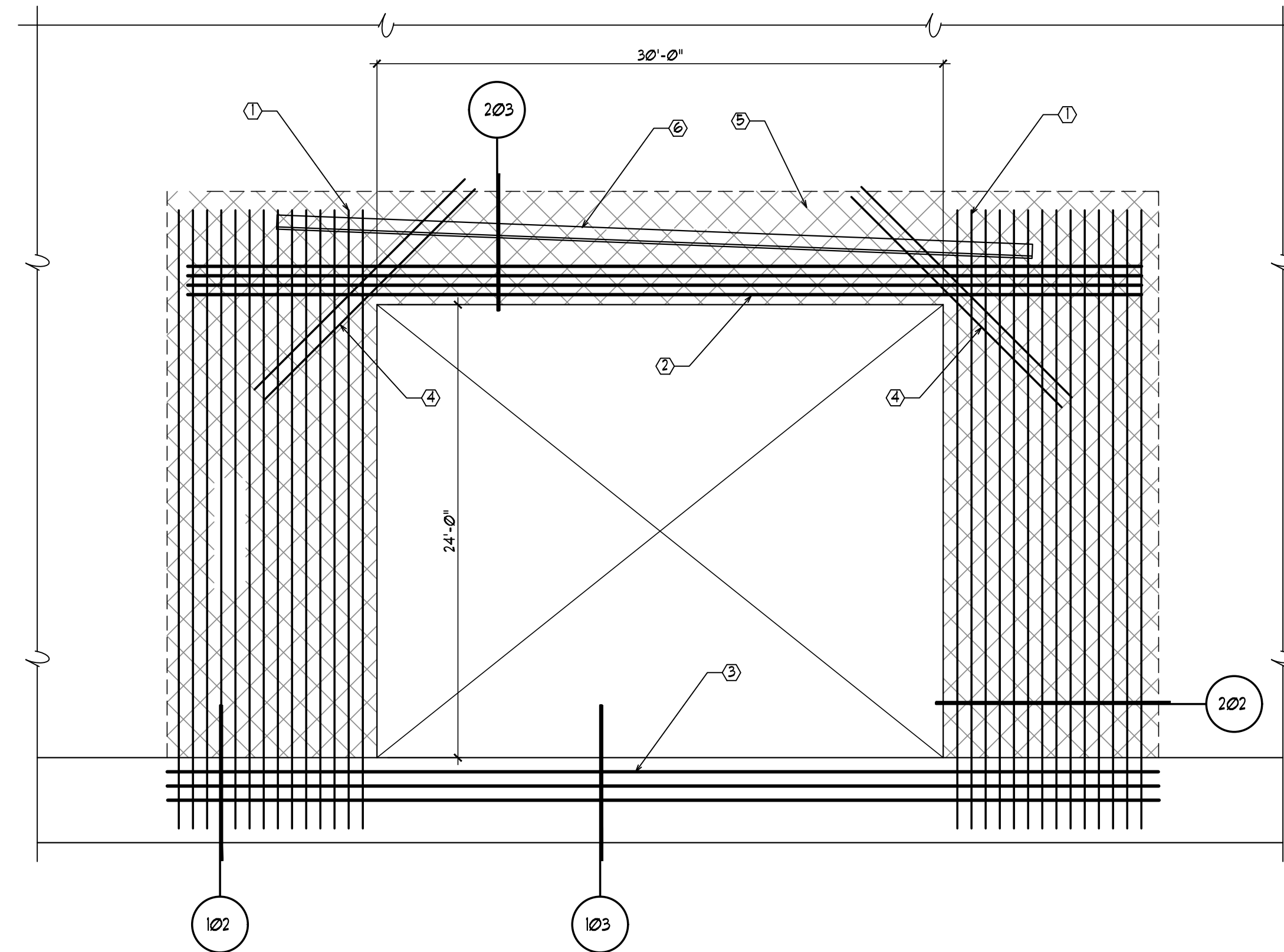
PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)
PBC Contract No.: C1598
Project No.: 04021

Title
SITE POWER PLAN

Sheet

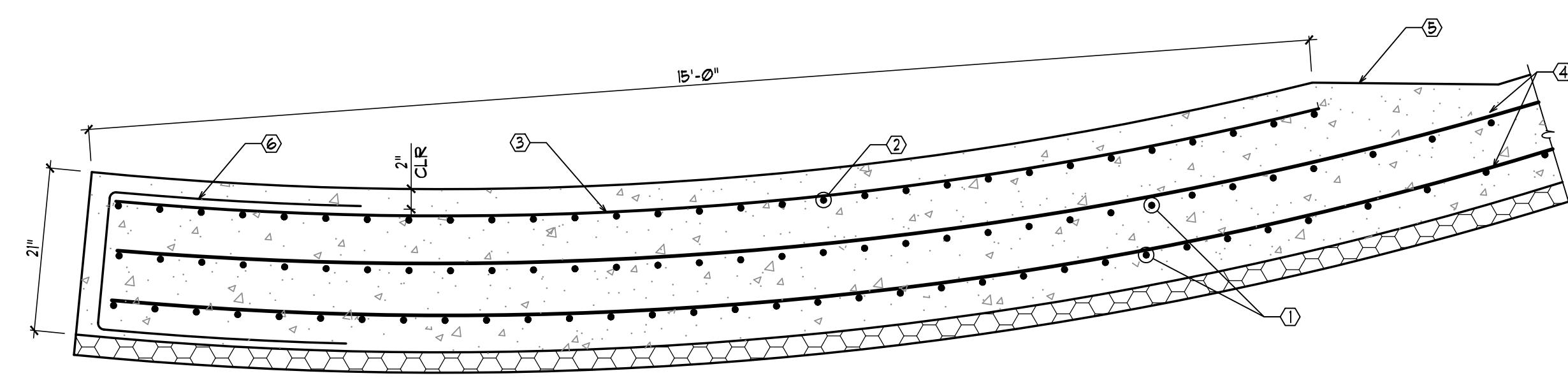
E1.2





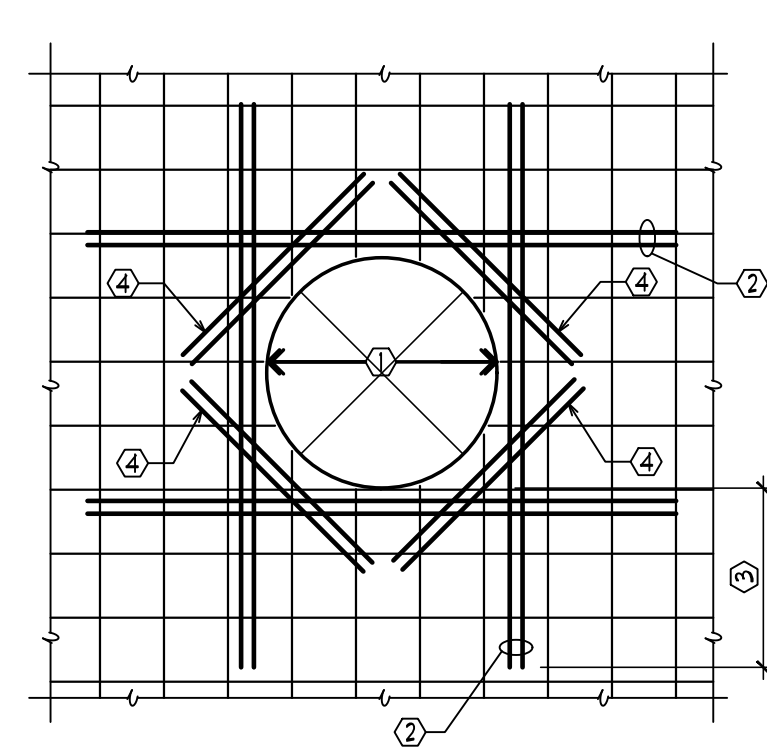
201 TYPICAL OPENING
101-510190

- ① (3) MATS OF $\frac{1}{2}$ " VERTICAL BARS EXTENDED 43" PAST OPENING. MATCH AND LAP WITH FOOTING DOUELS
- ② #5 ADDED HORIZONTAL BARS ABOVE OPENING
- ③ #3 x 6'-0" ADDED HORIZONTAL BARS TO RING BEAM
- ④ (2) #5 x 6'-0" DIAGONAL BARS EACH MAT
- ⑤ THICKEN HATCHED AREA TO 21"
- ⑥ L3x3 DIVERSION CURB ON OUTSIDE OF DOME PER DETAIL 204



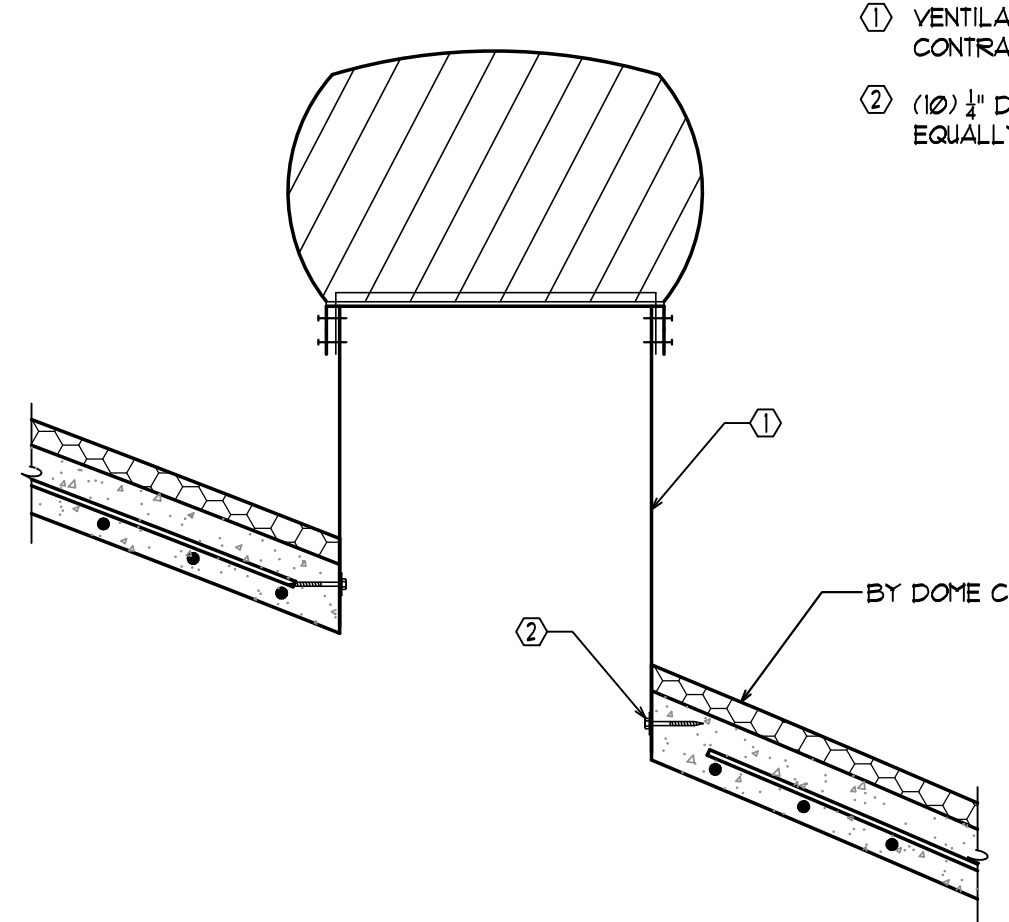
202 JAMB AT OPENING
101-510190

- ① REPLACE TYPICAL VERTICAL REINFORCING WITH #6 BARS (SPACED AT 6" o.c.)
- ② ADDED MAT OF $\frac{1}{2}$ " VERTICAL BARS (SPACED AT 6" o.c.)
- ③ #5 ADDED HORIZONTAL BARS AT 12" o.c.
- ④ TYPICAL HORIZONTAL REINFORCING PER PLAN
- ⑤ TAPER TO TYPICAL DOME THICKNESS
- ⑥ #5 STIRRUPS AT 12" o.c. BARS MAY BE FIELD BENT

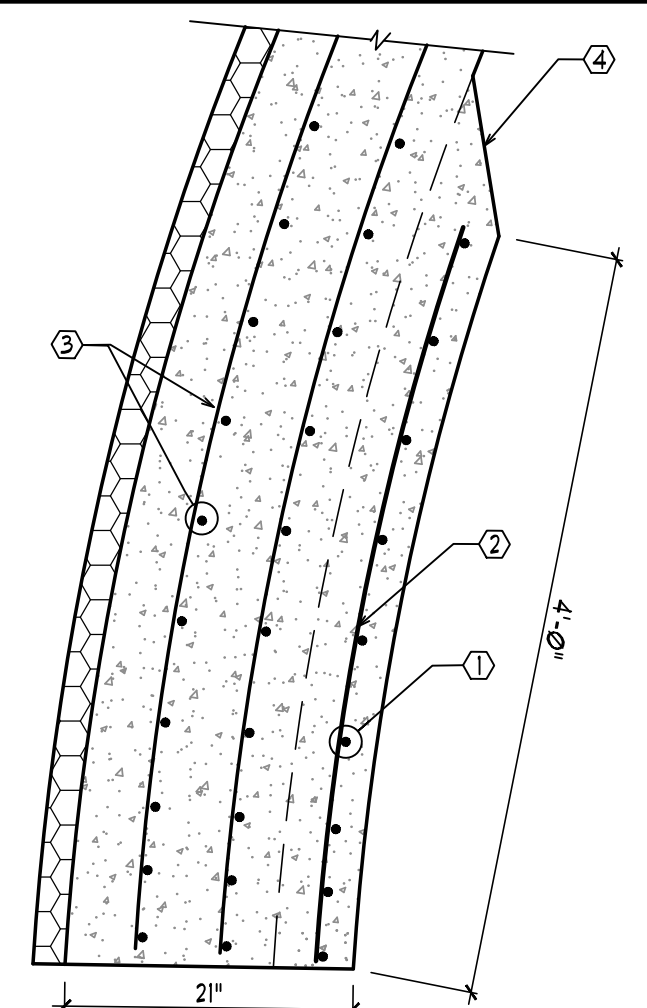


205 VENTILATOR OPENING IN SHELL
106-51024

- ① OPENING DIAMETER 2'-6" MAX. BY DOME CONTRACTOR
 - ② NUMBER OF ADDED BARS EQUAL TO THE NUMBER OF BARS INTERRUPTED BY OPENING. ROUND UP TO AN EQUAL NUMBER OF BARS EACH SIDE OF OPENING. MIN. (3) #4
 - ③ EXTEND BARS 24" PAST EDGE OF OPENING
 - ④ (2) #4 x 48" DIAGONAL BARS
- A. SEE MECHANICAL PLANS FOR VENTILATOR LOCATIONS
B. VENTILATOR BY GENERAL CONTRACTOR

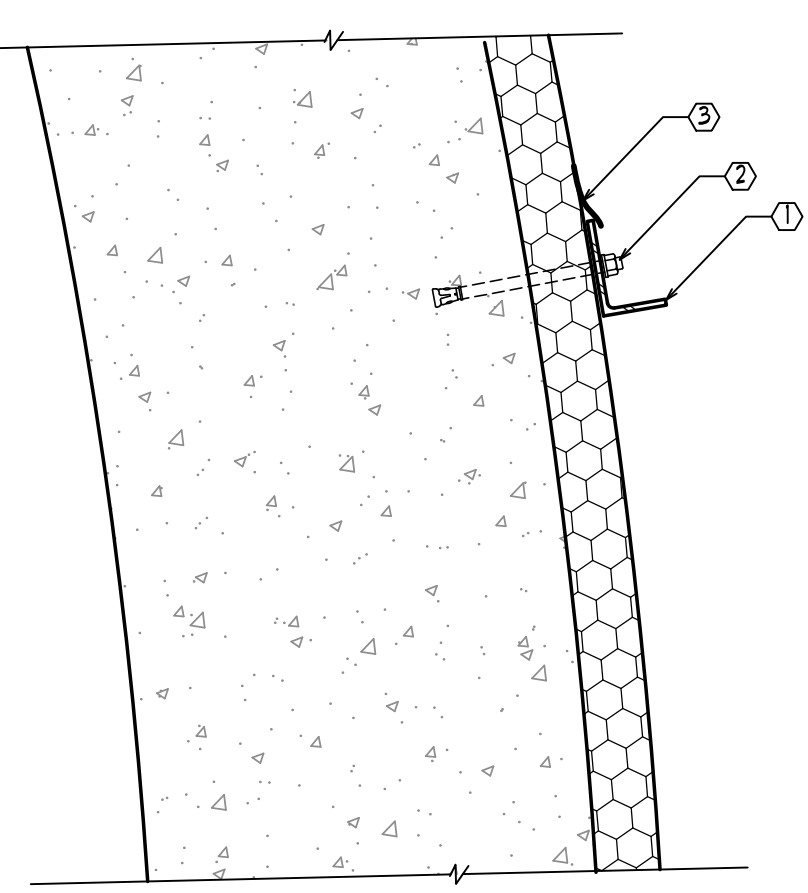


206 VENTILATOR ATTACHMENT
101-51024



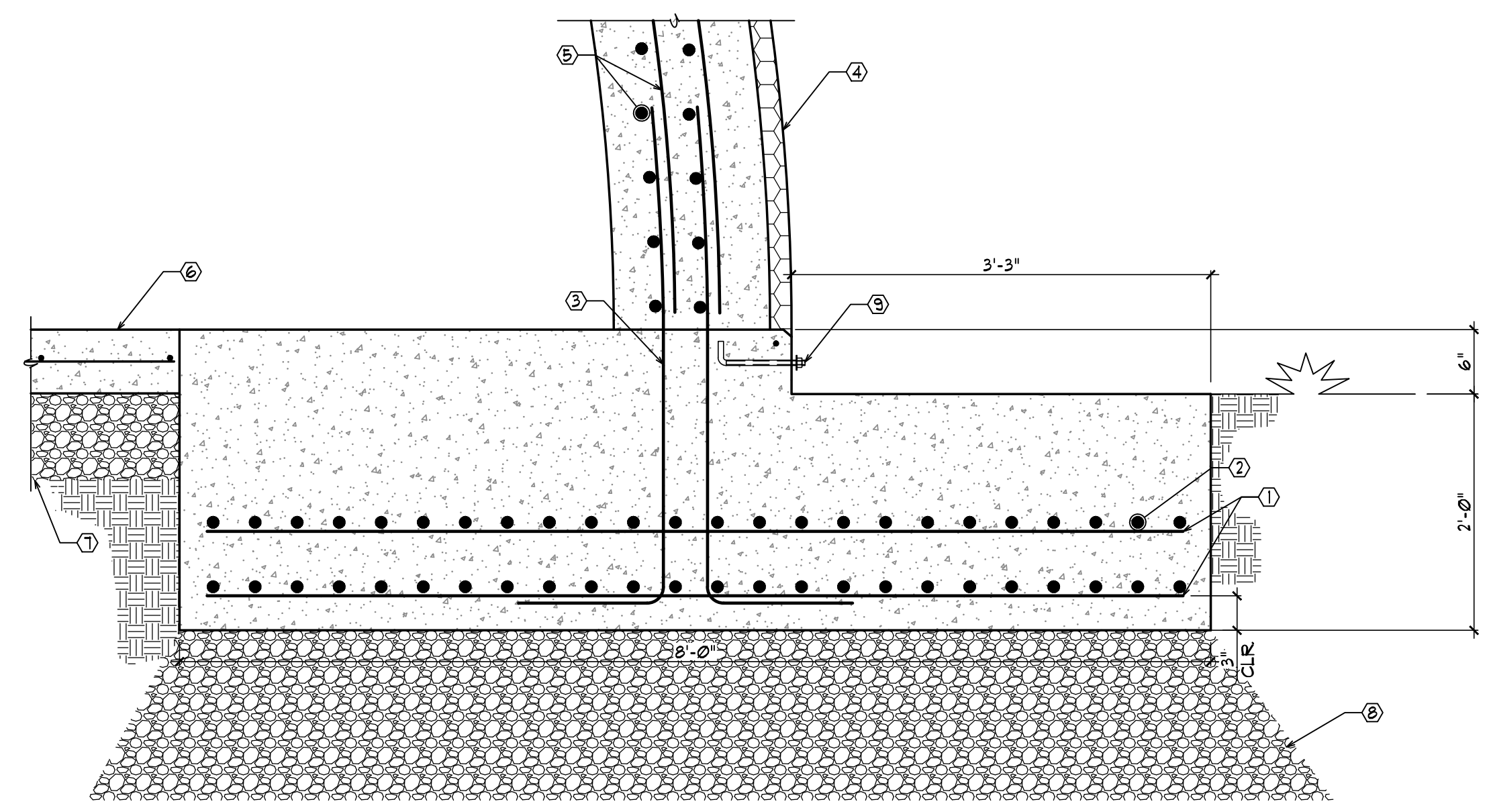
203 LINTEL AT OPENING
103-510190

- ① #3 x 6'-0" ADDED HORIZONTAL BARS (SPACE FIRST (3) BARS ABOVE OPENING AT 4" o.c. THEN SPACE SUBSEQUENT BARS AT 6" o.c.)
- ② #5 ADDED VERTICAL BARS AT 24" o.c.
- ③ TYPICAL HORIZONTAL AND VERTICAL REINFORCING PER PLAN
- ④ TAPER TO TYPICAL DOME THICKNESS



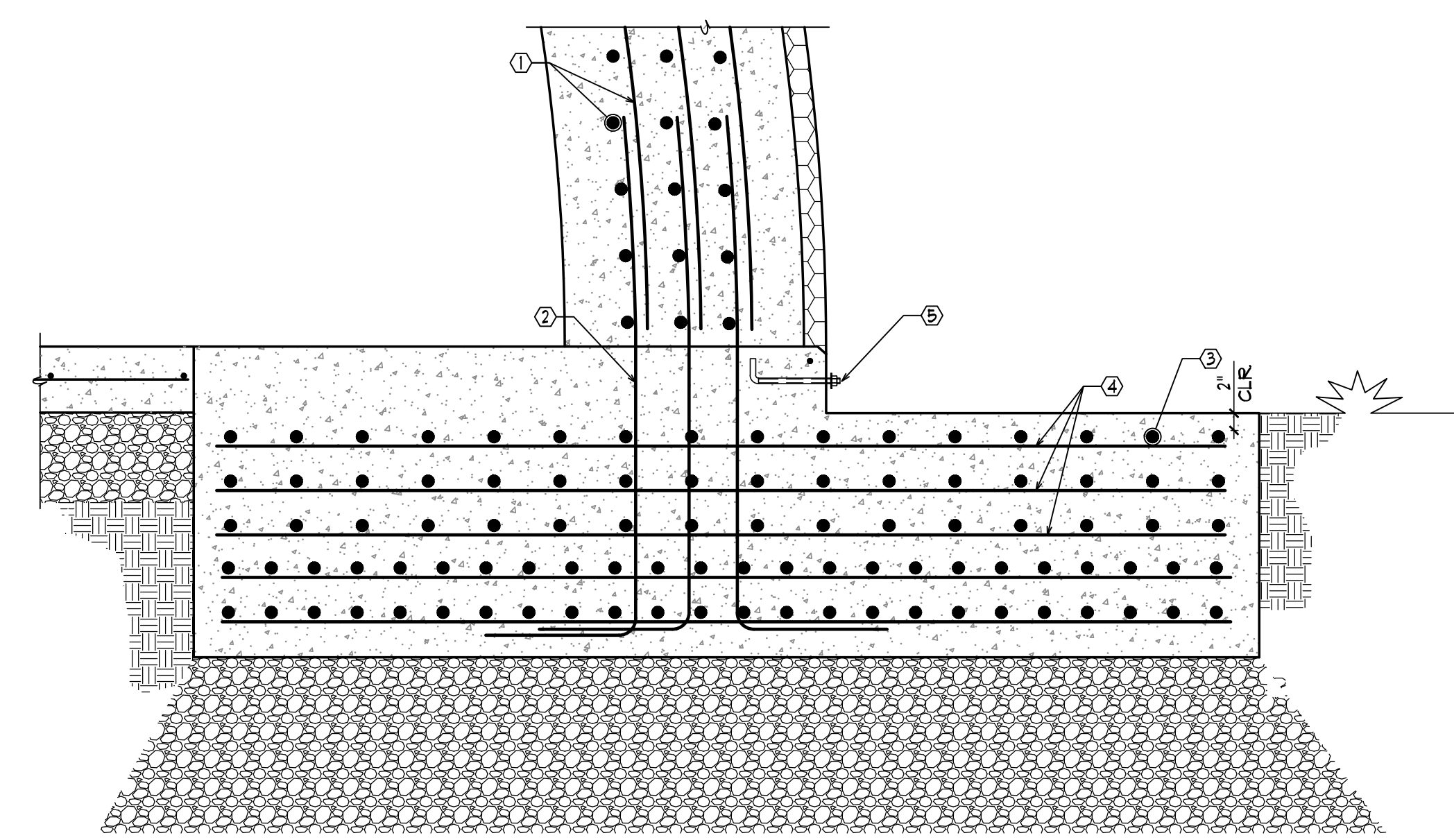
204 DIVERSION CURB CONNECTION
104-510190

- ① GALVANIZED L3x2x1/8. EXTEND PAST EDGE OF OPENING 18"
 - ② GALVANIZED 3/8" DIA. x 3" EMBEDMENT WEDGE ANCHORS AT 24" o.c.
 - ③ AIRFORM FLASHING
- A. LINTEL REINFORCING NOT SHOWN FOR CLARIFICATION
B. SLOPE ANGLE 1/4" PER FOOT MIN.



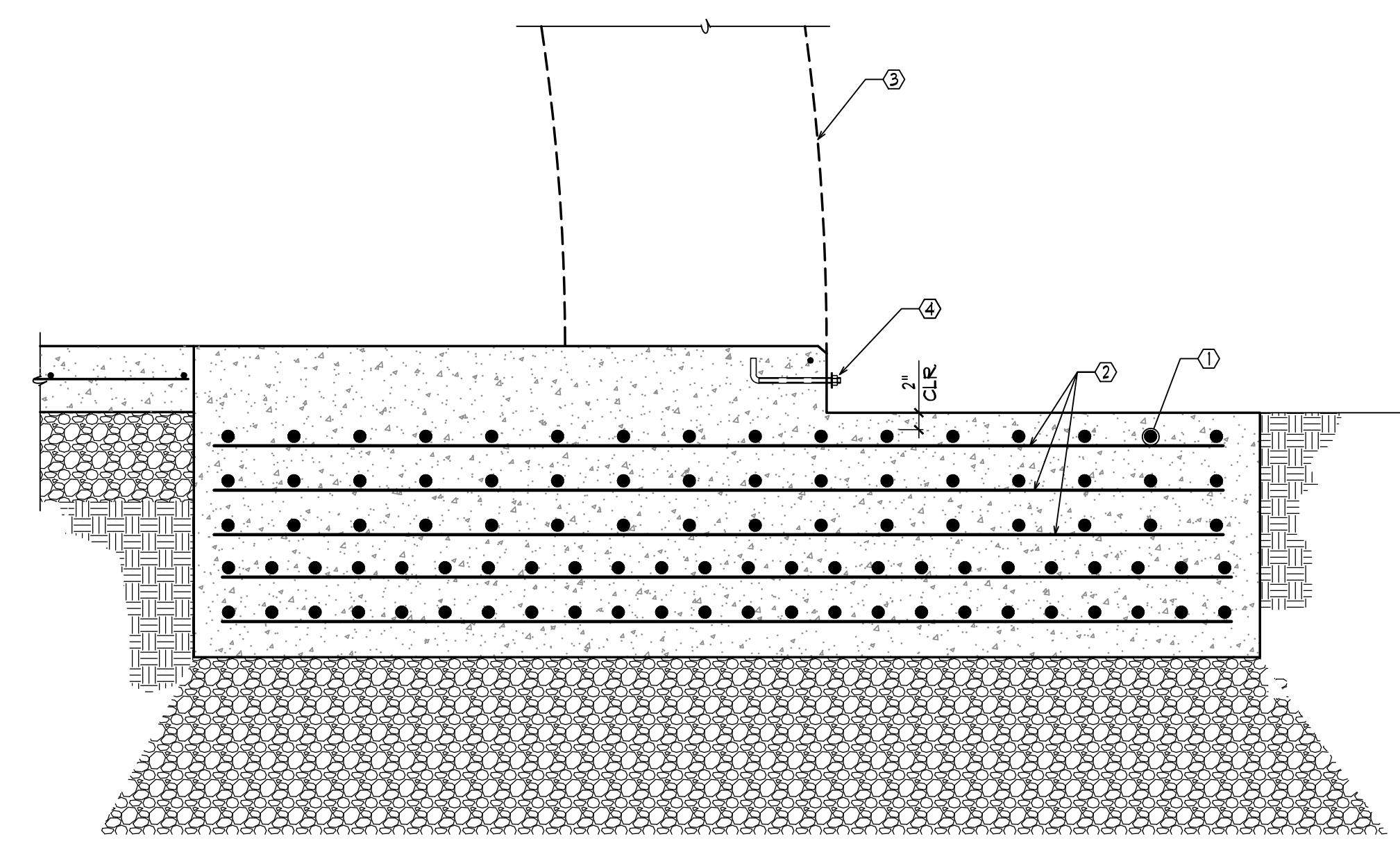
101 DOME AT FOUNDATION
101-510190

- ① #5 TRANSVERSE BARS AT 18" o.c.
- ② (48) #5 LONGITUDINAL BARS IN TWO LAYERS
- ③ #6 DOUELS AT 12" o.c.
- ④ 2" URETHANE FOAM
- ⑤ TYPICAL HORIZONTAL AND VERTICAL REINFORCING PER PLAN
- ⑥ SLAB ON GRADE PER PLAN
- ⑦ 8" COMPACTED SUB-BASE BELOW SLAB
- ⑧ 24" COMPACTED SUB-BASE BELOW FOOTING
- ⑨ AIRFORM ANCHOR BOLTS PER DETAIL 104



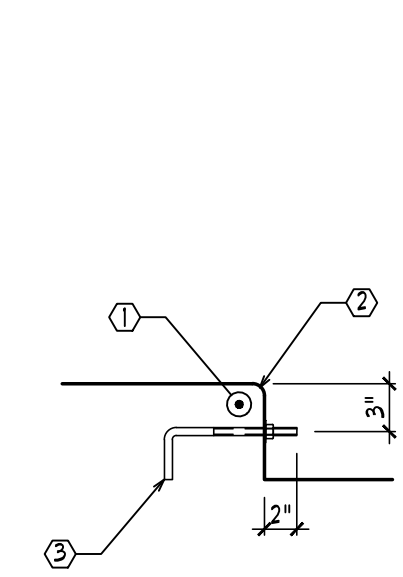
102 OPENING JAMB AT FOUNDATION
101-510190

- ① JAMB REINFORCING PER DETAIL 203
 - ② #6 DOUELS AT 12" o.c.
 - ③ (48) ADDED #3 x 6'-0" BARS IN THREE LAYERS CENTERED UNDER OPENING
 - ④ #5 TRANSVERSE BARS AT 18" o.c.
 - ⑤ AIRFORM ANCHOR BOLTS PER DETAIL 104
- A. SEE DETAIL 101 FOR INFORMATION SHOWN BUT NOT NOTED



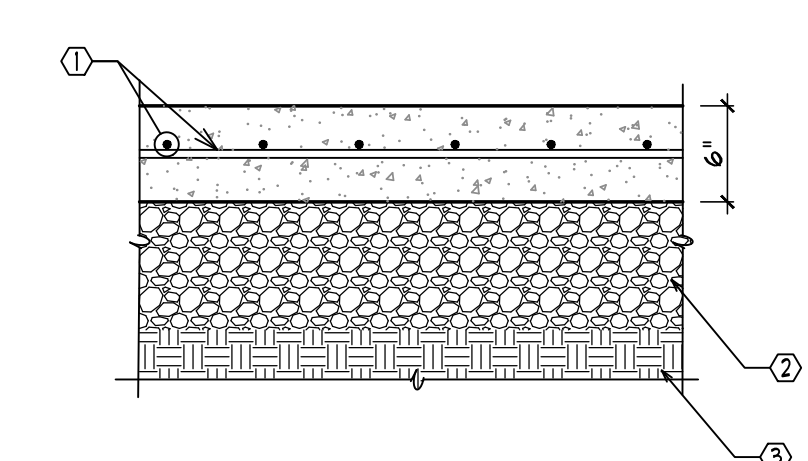
103 FOUNDATION THRU OPENING
103-510190

- ① (48) ADDED #3 x 6'-0" BARS IN THREE LAYERS CENTERED UNDER OPENING
 - ② #5 TRANSVERSE BARS AT 18" o.c.
 - ③ DOME BEDDING
 - ④ AIRFORM ANCHOR BOLTS PER DETAIL 104
- A. SEE DETAIL 101 OR 102 FOR INFORMATION SHOWN BUT NOT NOTED



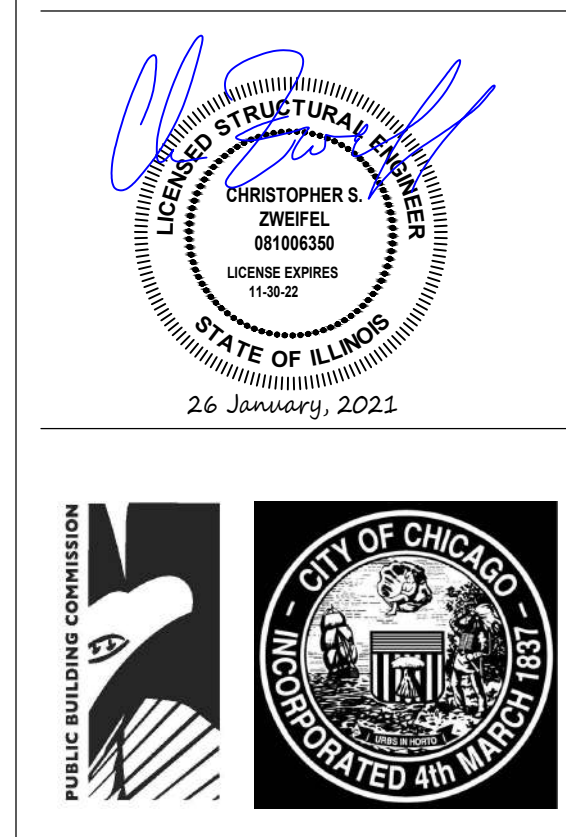
104 TYPICAL ANCHOR BOLT CONFIGURATION
104-510190

- ① #4 CONTINUOUS NOSING BAR
- ② 3/4" RADIUS AT EDGE OF FOOTING
- ③ GALVANIZED 1/2" DIAMETER J BOLT, 8" LONG AT 1'-0" o.c.



105 TYPICAL FLOOR SECTION
105-20190

- ① #4 BARS AT 12" o.c. EACH WAY CENTERED IN SLAB THICKNESS
- ② 24" PROPERLY COMPACTED DOT TYPE SUB-BASE MATERIAL
- ③ PROPERLY COMPACTED SOIL



**GRAND AVE
SALT DOME**
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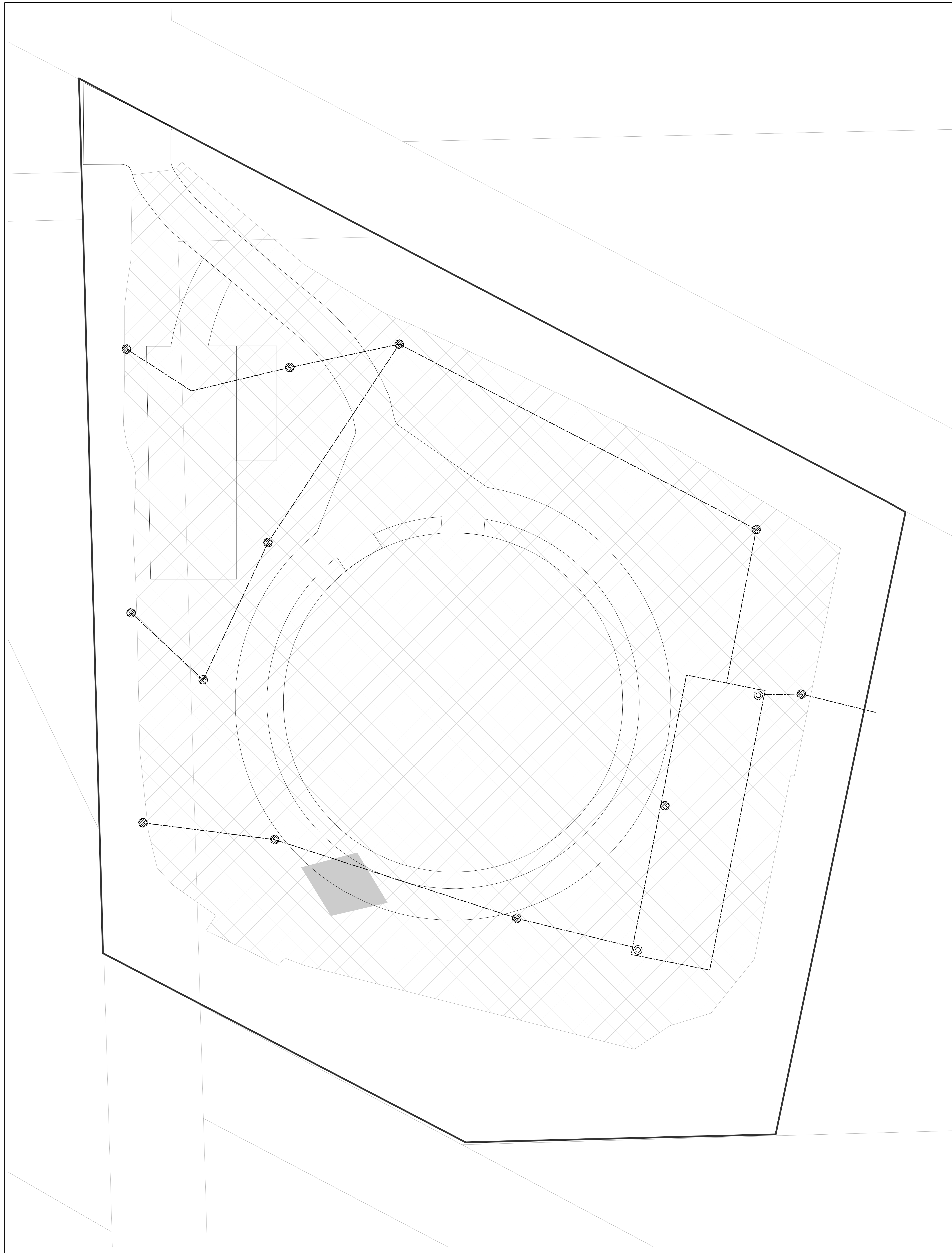
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Dome Contractor

ZZ Consulting
Shelley, ID
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PBC Project Name: Grand Avenue Salt Dome
PBC Contract No.: 00000
Project No.: 04021
Title:



Legend

- STORM SEWER
- AREA OF HAZARDOUS LEAD IN SOIL
- NON-HAZARDOUS, NON-SPECIAL WASTE SOIL (SUBTITLE D LANDFILL)
- PLANNED SITE FEATURES
- ▭ SUBJECT PROPERTY BOUNDARY
- PARCEL BOUNDARY

NOTES:

1. THIS DRAWING IS ONLY FOR ENVIRONMENTAL SITE WORK (ILLUSTRATION PURPOSES ONLY.) CONTRACTOR SHALL REFER TO ARCHITECT/ENGINEER DRAWINGS FOR CONSTRUCTION DETAILS AND DIMENSIONS. REFER TO SITE SURVEY FOR EXISTING SURFACE ELEVATIONS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS. ALL DIMENSIONS AND DETAILS ARE TAKEN FROM RECORD DRAWINGS AND ARE NOT GUARANTEED TO BE ACCURATE, CONTRACTOR SHALL FIELD VERIFY ACTUAL FIELD DIMENSIONS.
3. THE CONTRACTOR SHALL PREPARE A SITE SPECIFIC HEALTH AND SAFETY PLAN AND PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE OSHA REGULATIONS.
4. SOIL EXCAVATION SHALL BE KEPT TO THE EXTENT REQUIRED TO PERFORM THE PROPOSED CONSTRUCTION WORK AS SPECIFIED IN THE CONTRACT DOCUMENTS.
5. ALL EXCAVATION, TRANSPORTATION AND DISPOSAL OF SOIL/FILL SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 18.13.
6. CONTRACTOR SHALL PROVIDE THE NAME AND ADDRESS OF SELECTED HAULERS, RECYCLING FACILITY, AND ACTIVE PERMITTED SUBTITLE D LANDFILL PER SPECIFICATION SECTION 31 23 18.13 PRIOR TO THE START OF CONTRACTOR WORK.
7. ALL FIELD EQUIPMENT SHALL BE DECONTAMINATED PRIOR TO BEING TAKEN OFFSITE OR USED IN UNCONTAMINATED SOIL AREAS.
8. CLEAN CONCRETE AND/OR ASPHALT REMOVED DURING EXCAVATION/DEMOLITION WORK CAN BE TRANSPORTED TO THE APPROVED RECYCLING FACILITY. CONCRETE RUBBLE COMMINGLED, MIXED OR CROSS CONTAMINATED WITH GENERAL CONSTRUCTION & DEMOLITION DEBRIS SHALL BE HANDLED IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 18.13.
9. ALL IMPORTED FILL MATERIALS MUST MEET THE REQUIREMENTS OF SPECIFICATION SECTION 31 23 23 25. ALL IMPORTED FILL MATERIALS USED FOR THE PROJECT SHALL NOT EXCEED APPENDIX B, SECTION 742, AND TABLE A; TIERED APPROACH TO CORRECTIVE ACTION OBJECTIVES (TACO); 35 ILLINOIS ADMINISTRATIVE CODE (ILL. ADM. CODE) 742 VALUES FOR 35 ILL. ADM. CODE 740 APPENDIX A TARGET COMPOUND LIST (TCL) PARAMETERS.
10. EXISTING ASPHALT GRINDINGS ARE ALLOWED TO REMAIN IN PLACE ON THE SURFACE OF THE SITE IF THEY ARE UNDISTURBED. ASPHALT GRINDINGS THAT ARE EXCAVATED SHOULD BE DISPOSED OFFSITE AT AN ASPHALT RECYCLING FACILITY OR SUBTITLE D LANDFILL IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 18.13.
11. SHOULD ANY SOILS OR FILL BE ENCOUNTERED THAT EXHIBIT UNUSUAL OR PETROLEUM/SOLVENT ODORS OR STAINING, CONTRACTOR SHALL STOP WORK IN THAT AREA AND NOTIFY THE COMMISSION REPRESENTATIVE IMMEDIATELY. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COMMISSION REPRESENTATIVE IF ANY MATERIALS (SOIL OR LIQUID) REQUIRING SPECIAL HANDLING (I.E. STAINED SOIL, SOIL WITH ODORS, OR LIQUIDS) ENCOUNTERED DURING EXCAVATION
12. NO SOIL SHALL BE EXPORTED FROM OR IMPORTED TO THE SITE WITHOUT THE PRESENCE OF THE ENVIRONMENTAL CONSULTANT (EC). NOTIFY THE COMMISSION REPRESENTATIVE AND EC AT LEAST 48 HOURS IN ADVANCE FOR FIELD OVERSIGHT AND DOCUMENTATION OF CCDD AND GENERAL CONSTRUCTION AND DEMOLITION DEBRIS REMOVAL PER SPECIFICATION SECTION 02 65 00 AND SPECIFICATION SECTION 31 23 18.13.
13. SHOULD AN UNDERGROUND STORAGE TANK (UST) BE ENCOUNTERED IN THE WORK AREA, CONTRACTOR SHALL STOP WORK AND NOTIFY THE COMMISSION REPRESENTATIVE AND EC IMMEDIATELY IN ACCORDANCE WITH SPECIFICATION SECTION 02 65 00.
14. ALL IMPORTED BACKFILL USED FOR THE PROJECT SHALL NOT EXCEED APPENDIX B, SECTION 742, AND TABLE A; TIERED APPROACH TO CORRECTIVE ACTION OBJECTIVES (TACO); 35 ILLINOIS ADMINISTRATIVE CODE (ILL. ADM. CODE) 742 VALUES FOR 35 ILL. ADM. CODE 740 APPENDIX A TARGET COMPOUND LIST (TCL) PARAMETERS.
15. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PROVIDE A STORM WATER MANAGEMENT PLAN THAT SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS, AS WELL AS OTHER RELEVANT CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING STORM WATER MANAGEMENT PLAN AND OBTAINING PUMPING PERMIT FROM THE CITY OF CHICAGO DEPARTMENT OF BUILDINGS AND DISCHARGE AUTHORIZATION/APPROVAL FROM METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRDGC) PRIOR TO DISCHARGE OF WATER INTO CITY SEWER SYSTEM IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
16. REFER TO THE PHASE I ENVIRONMENTAL SITE ASSESSMENT OF THE GRAND AVENUE SALT STORAGE YARD, (AECOM, JUNE 2020) AND PHASE II ENVIRONMENTAL SITE ASSESSMENT (AECOM, DECEMBER 2020) FOR ADDITIONAL INFORMATION AS REFERENCED IN SPECIFICATION SECTION 02 24 00.
17. BUILDING DEBRIS MAY BE ENCOUNTERED. SHOULD ANY SUSPECT ASBESTOS MATERIAL BE ENCOUNTERED, CONTRACTOR SHALL STOP WORK IN THE AREA OF SUSPECT MATERIAL AND IMMEDIATELY NOTIFY THE COMMISSION REPRESENTATIVE AND THE EC.
18. LEAD-BASED PAINT MAY BE PRESENT AT THE PROPERTY. IT IS RESPONSIBILITY OF THE CONTRACTOR TO TAKE APPROPRIATE SAFETY MEASURES IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL RULES AND REGULATIONS INCLUDING OSHA (1962.62) COMPLIANCE WASTE CHARACTERIZATION, AND WASTE DISPOSAL.
19. THE CONTRACTOR SHALL MANAGE THE IDENTIFIED HAZARDOUS LEAD SOIL IN ACCORDANCE WITH SPECIFICATION SECTION 31 23 18.15 AND/OR SPECIFICATION SECTION 31 90 00. THE CONTRACTOR SHALL IDENTIFY THE HAZARDOUS LEAD MANAGEMENT STRATEGY IN THE SOIL MANAGEMENT PLAN PER THE REFERENCED SPECIFICATIONS. THE EC SHALL PERFORM CONFIRMATION SAMPLING AS REFERENCED IN SPECIFICATION SECTION 31 90 00 PRIOR TO SOIL EXCAVATION, TRANSPORTATION AND DISPOSAL AT A SUBTITLE D LANDFILL. IF THE CONTRACTOR INCLUDES EXCAVATION, TRANSPORTATION AND DISPOSAL OF HAZARDOUS LEAD SOILS AT A SUBTITLE C LANDFILL AS A CHARACTERISTIC HAZARDOUS WASTE, THE CONTRACTOR SHALL NOTIFY THE COMMISSION AND PREPARE ALL NECESSARY DOCUMENTATION FOR OFF-SITE MANAGEMENT OF SAID MATERIAL INCLUSIVE OF ANY AND ALL RCRA GENERATOR DOCUMENTATION FOR APPROVAL BY THE COMMISSION.
20. CONTRACTOR SHOULD ASSUME THAT 356 CUBIC YARDS (APPROX. 570 TONS) OF SOIL IN THE AREA OF HAZARDOUS LEAD IN SOIL REQUIRE EITHER SUBTITLE C DISPOSAL OR STABILIZATION AND SUBTITLE D DISPOSAL, AS DESCRIBED IN THE ASSOCIATED SPECIFICATION SECTIONS.
21. IF CONTRACTOR ELECTS TO PERFORM LEAD STABILIZATION TO ADDRESS HAZARDOUS LEAD IN SOIL IN ACCORDANCE WITH SPECIFICATION SECTION 31 90 00, THE CONTRACTOR SHALL ASSUME NO LESS THAN 23 TONS OF STABILIZATION REAGENT (IF USING TERRABOND®) WILL BE REQUIRED.



Salt Dome Replacement Facility (Grand Avenue)
 255 W GRAND AVE
 CHICAGO, IL 60612

ASSETS, INFORMATION AND SERVICES
 CITY OF CHICAGO, COMMISSIONER DAVID REYNOLDS

Engineer of Record:
 HBK ENGINEERING, LLC.



David Mason and Associates, Inc.
 Chicago, IL
 Civil Engineer of Record

FORMA Architecture, Ltd.
 Chicago, IL
 Architect of Record

Delta Engineering Group, LLC
 Chicago, IL
 Electrical Engineer of Record

DomTec International
 Idaho Falls, ID
 Structural Engineer of Record

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| Mark | Description | Date |
| | IFB Addendum - 4 | 1/27/21 |
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PBC Project Name: Salt Dome Replacement Facility (Grand Avenue)

PBC Contact No.: C1598

Project No.: 04021

Title
SOIL MANAGEMENT PLAN

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