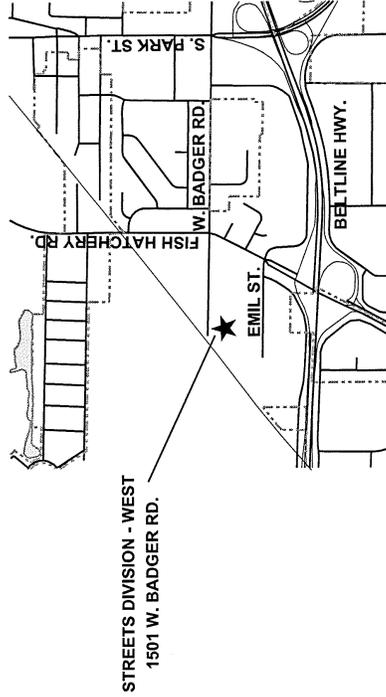


MADISON, WISCONSIN

CITY OF MADISON ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

WEST BADGER ROAD SALT BARN

PROJECT NO. 44001
CONTRACT NO. 8654

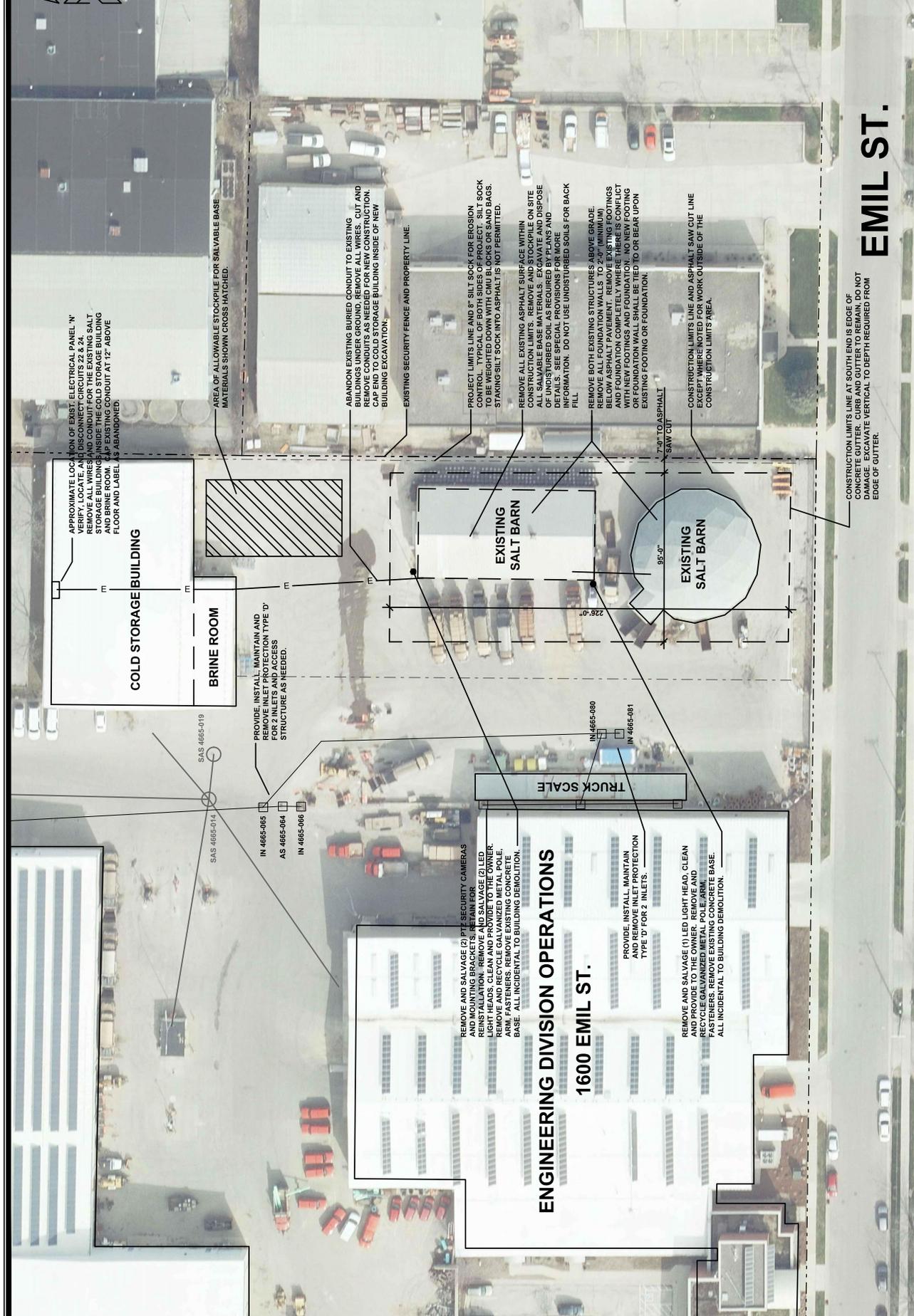


STREETS DIVISION - WEST
1501 W. BADGER RD.

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| 1 PROJECT LIMITS, EROSION CONTROL AND DEMOLITION PLAN |
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| 3 CONCEPTUAL PLAN AND PERSPECTIVES |
| 4 CONCEPTUAL EXT. ELEVATIONS, PAVING / DRAINAGE PLANS |
| 5 SITE CONSTRUCTION DETAILS |
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PUBLIC WORKS IMPROVEMENT PROJECT	PUBLIC WORKS IMPROVEMENT DESIGN
APPROVED BY THE COMMON COUNCIL OF MADISON WISCONSIN	APPROVED BY <i>Al Jagg Face</i>
RESOLUTION: RES-22-00197	CITY ENGINEER
FILE ID: 69912	DATE: Jul 26, 2022
DATE: MARCH 29, 2022	DATE



REMOVE AND SALVAGE (2) PTE SECURITY CAMERAS AND MOUNTING BRACKETS. RETAIN FOR REINSTALLATION. REMOVE AND SALVAGE (2) LED LIGHT HEADS. CLEAN AND PROVIDE TO THE OWNER. REMOVE AND RECYCLE GALVANIZED METAL POLE. REMOVE AND RECYCLE GALVANIZED METAL POLE BASE. ALL INCIDENTAL TO BUILDING DEMOLITION.

REMOVE AND SALVAGE (1) LED LIGHT HEAD. CLEAN AND PROVIDE TO THE OWNER. REMOVE AND RECYCLE GALVANIZED METAL POLE. REMOVE AND RECYCLE GALVANIZED METAL POLE FASTENERS. REMOVE EXISTING CONCRETE BASE. ALL INCIDENTAL TO BUILDING DEMOLITION.

PROVIDE, INSTALL, MAINTAIN AND REMOVE INLET PROTECTION TYPE 'D' FOR 2 INLETS AND ACCESS STRUCTURE AS NEEDED.

APPROXIMATE LOCATION OF EXIST. ELECTRICAL PANEL 'N'. VERIFY, LOCATE, AND DISCONNECT CIRCUITS 22 & 24. REMOVE EXISTING ELECTRICAL PANEL. REMOVE EXISTING STORAGE BUILDING INSIDE THE COLD STORAGE BUILDING AND BRINE ROOM. CAP EXISTING CONDUIT AT 12" ABOVE FLOOR AND LABEL AS ABANDONED.

AREA OF ALLOWABLE STOCKPILE FOR SALVAGEABLE BASE MATERIALS SHOWN CROSS-HATCHED.

ABANDON EXISTING BURIED CONDUIT TO EXISTING BUILDINGS UNDER GROUND. REMOVE ALL WIRES. CUT AND REMOVE CONDUITS AS NEEDED FOR NEW CONSTRUCTION. CAP END TO COLD STORAGE BUILDING INSIDE OF NEW BUILDING EXCAVATION.

EXISTING SECURITY FENCE AND PROPERTY LINE.

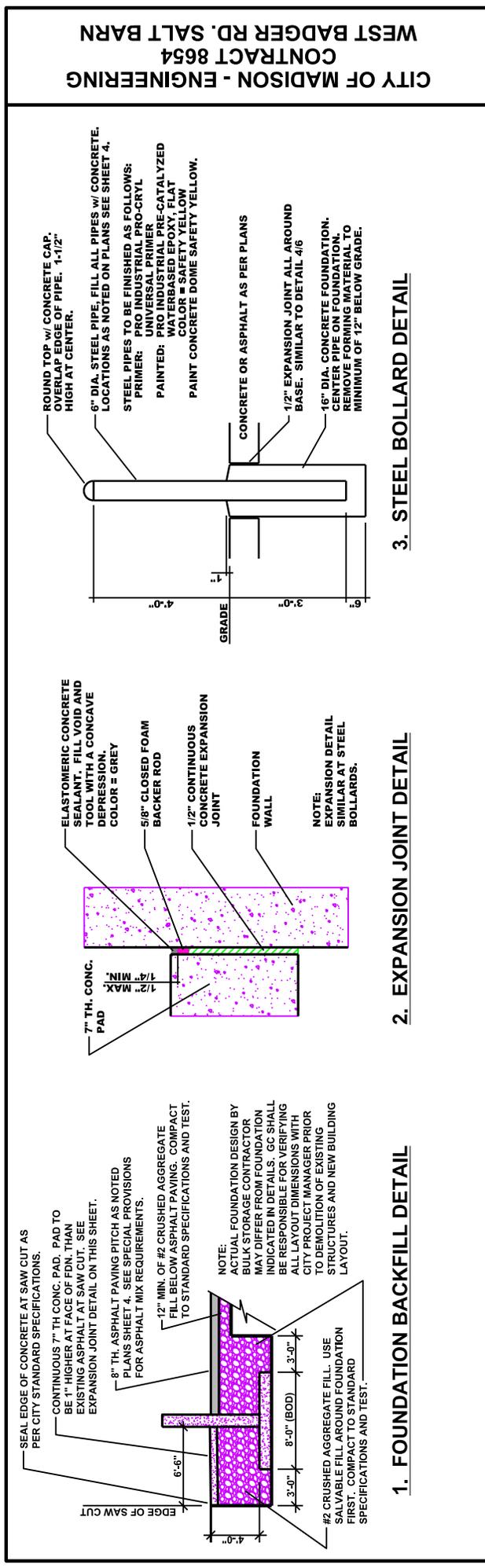
PROJECT LIMITS LINE AND 8" SILT SOCK FOR EROSION CONTROL. TYPICAL OF BOTH SIDES OF PROJECT. SILT SOCK TO BE WEIGHED DOWN WITH CDM BLOCKS OR SAND BAGS. STAKING SILT SOCK INTO ASPHALT IS NOT PERMITTED.

REMOVE ALL EXISTING ASPHALT SURFACE WITHIN PROJECT LIMITS LINE AND 8" SILT SOCK ON SITE. EXCAVATE AND DISPOSE ALL SALVAGEABLE BASE MATERIALS. EXCAVATE AND DISPOSE OF UNDISTURBED SOIL AS REQUIRED BY PLANS AND DETAILS. SEE SPECIAL PROVISIONS FOR MORE INFORMATION. DO NOT USE UNDISTURBED SOILS FOR BACK FILL.

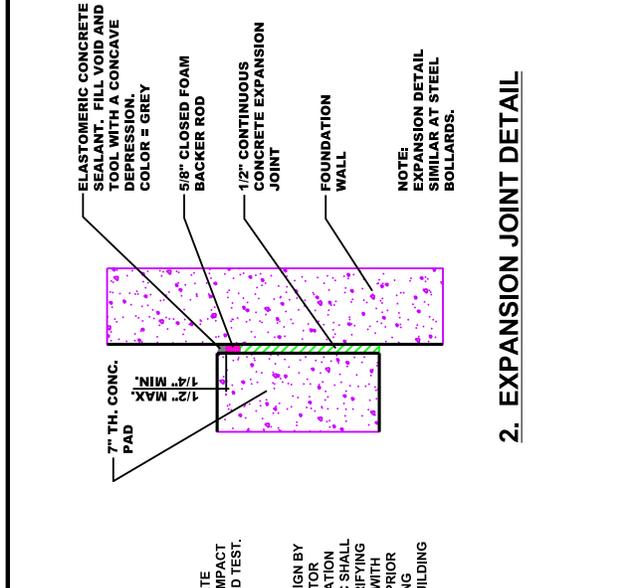
REMOVE BOTH EXISTING STRUCTURES ABOVE GRADE. EXCAVATE AND DISPOSE ALL SALVAGEABLE BASE MATERIALS. EXCAVATE AND DISPOSE OF UNDISTURBED SOIL AS REQUIRED BY PLANS AND FOUNDATION COMPLETELY WHERE THERE IS CONFLICT WITH NEW FOOTINGS AND FOUNDATION. NO NEW FOOTING OR FOUNDATION WALL SHALL BE TIED TO OR BEAR UPON EXISTING FOOTINGS OR FOUNDATION.

CONSTRUCTION LIMITS LINE AND ASPHALT BANK CUT LINE EXCEPT WHERE NOTED FOR WORK OUTSIDE OF THE CONSTRUCTION LIMITS AREA.

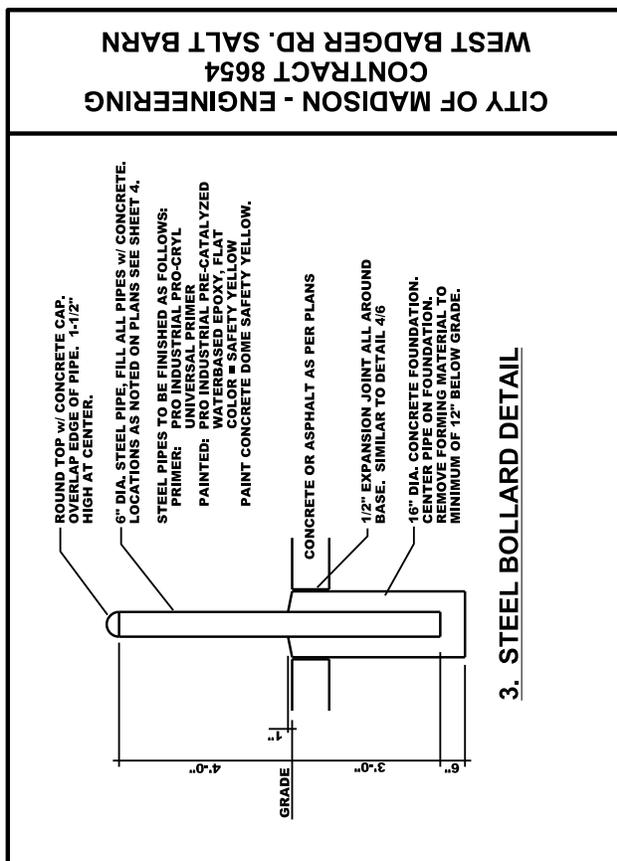
CONSTRUCTION LIMITS LINE AT SOUTH END IS EDGE OF CONCRETE GUTTER. CURB AND GUTTER TO REMAIN. DO NOT DAMAGE. EXCAVATE VERTICAL TO DEPTH REQUIRED FROM EDGE OF GUTTER.



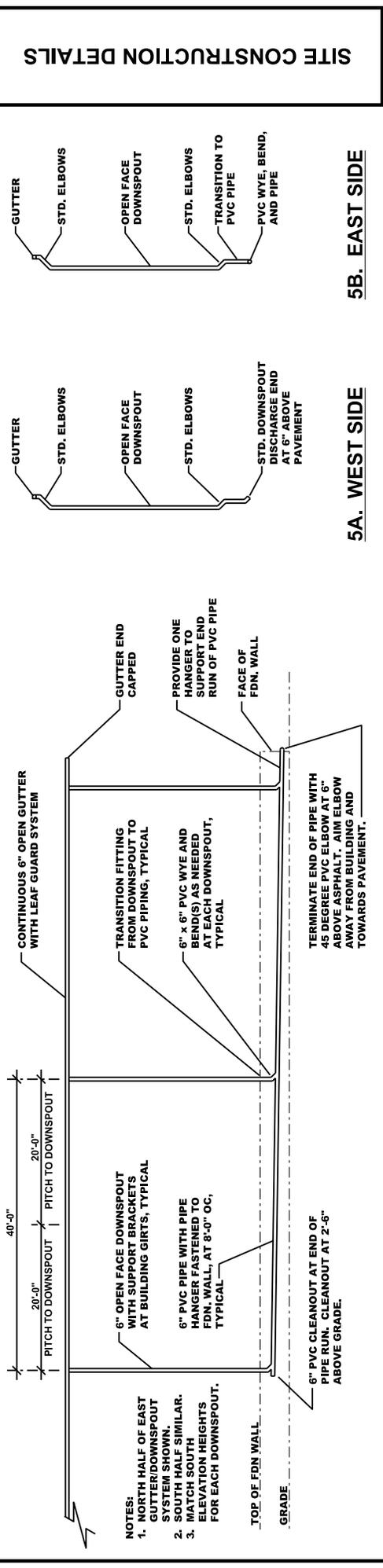
1. FOUNDATION BACKFILL DETAIL



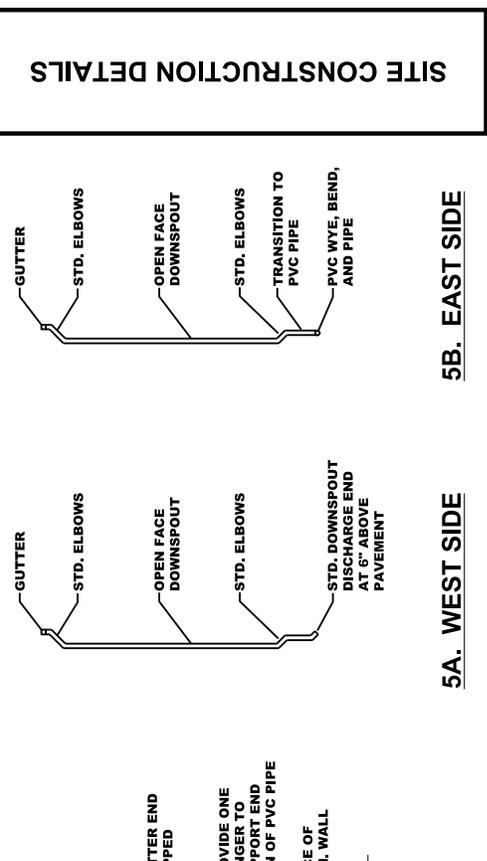
2. EXPANSION JOINT DETAIL



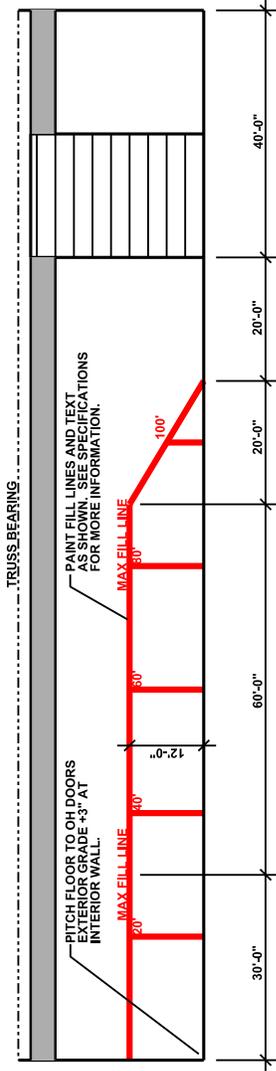
3. STEEL BOLLARD DETAIL



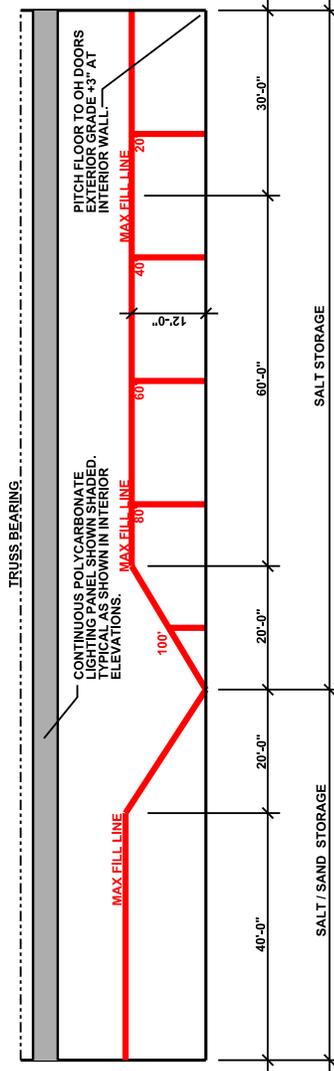
4. ENLARGED PARTIAL EAST GUTTER/DOWNSPOUT ELEVATION



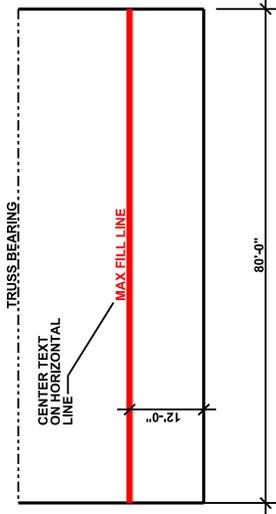
5. ENLARGED DOWNSPOUT PROFILES



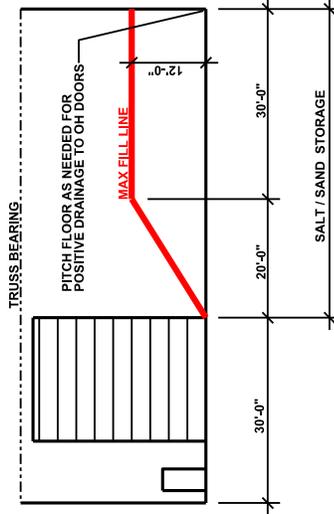
2. WEST INTERIOR ELEVATION SALT / SAND STORAGE (BASE BID)



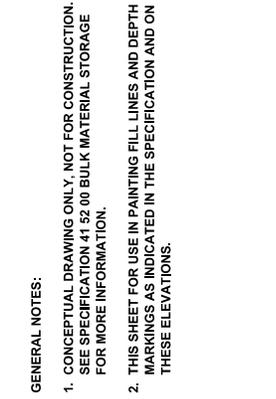
4. EAST INTERIOR ELEVATION SALT / SAND STORAGE (BASE BID)



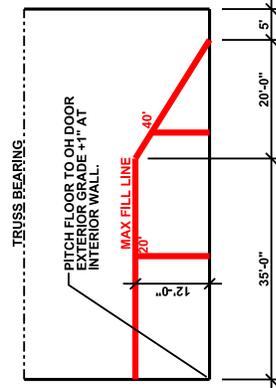
1. SOUTH INTERIOR ELEVATION SALT / SAND STORAGE (BASE BID)



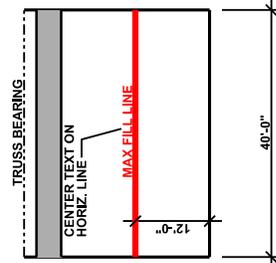
3. NORTH INTERIOR ELEVATION SALT / SAND STORAGE (BASE BID)



7. SOUTH



6. EAST



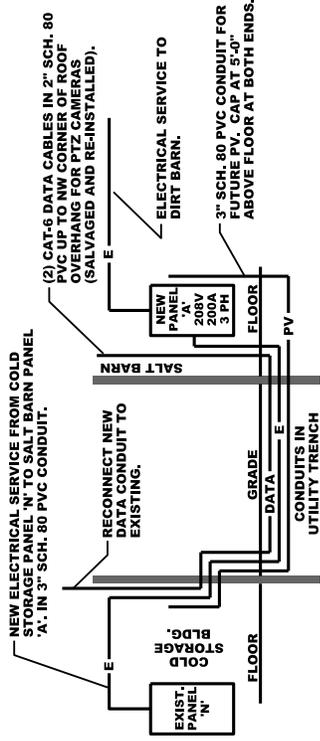
5. NORTH

GENERAL NOTES:
 1. CONCEPTUAL DRAWING ONLY, NOT FOR CONSTRUCTION. SEE SPECIFICATION 41 52 00 BULK MATERIAL STORAGE FOR MORE INFORMATION.
 2. THIS SHEET FOR USE IN PAINTING FILL LINES AND DEPTH MARKINGS AS INDICATED IN THE SPECIFICATION AND ON THESE ELEVATIONS.

INTERIOR ELEVATIONS DIRT STORAGE (ALT. BID ITEM #1)

ELECTRICAL INSTALLATION NOTES:

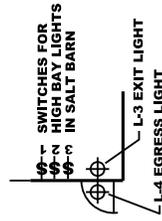
1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS AND SPECIFICATIONS ASSOCIATED WITH THIS CONTRACT PRIOR TO BIDDING THE CONTRACT.
2. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL PANELS, CONDUITS, AND WIRING AND OTHER RELATED MATERIALS REQUIRED FOR A CODE COMPLIANT INSTALLATION FOR THIS CONTRACT EXCEPT WHERE NOTED AS WORK BY OTHERS.
3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUBMITTALS FOR EQUIPMENT AND MATERIALS TO THE OWNER FOR APPROVAL PRIOR TO ORDERING ANY MATERIALS OR EQUIPMENT.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLING ANY EQUIPMENT.
5. ALL CONDUIT, FITTINGS, PULL BOXES, AND OTHER RELATED MATERIALS SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED. ALL BURIED BENDS SHALL BE LARGE RADIUS SWEEPS, NO BURIED PULL BOXES WILL BE PERMITTED.
6. ALL OUTLETS TO BE GFCI w/ WEATHERPROOF COVERS UNLESS OTHERWISE NOTED.
7. ALL CONTROL WIRING SHALL BE IN SEPARATE CONDUIT FROM LINE VOLTAGE.
8. ALL OUTLETS, LIGHTS AND MOTORS IN BASE BID (SALT BARN) AND ALT. BID ITEM #1 (DIRT BARN) SHALL BE POWERED FROM EXTERIOR PANEL 'A'.



1. ELECTRICAL DISTRIBUTION SCHEMATIC

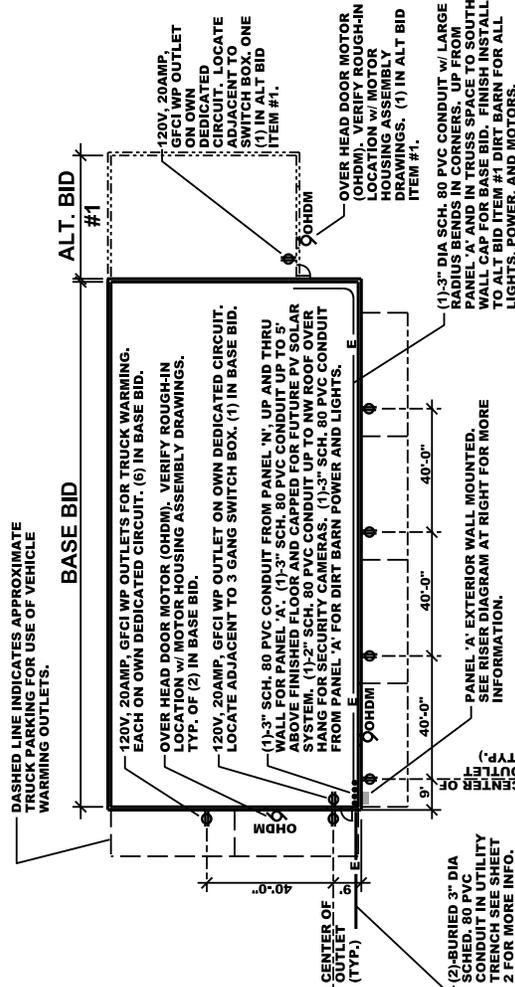
LIGHT FIXTURES:

- L-1: ALTECH ELECTRONICS HIGH BAY LED, U-UHRB0-150-50-165-DTG-1-1-H-D(4)-BL; 150W, 5000K, 120/277V, TEMPERED GLASS LENS, HOOK MOUNT, BLACK, -30°F; 10 YEAR WARRANTY
- L-2: SEE SHEET EL-100 FOR PHOTOMETRICS, LIGHT SCHEDULE, QUANTITIES AND LOCATIONS.
- L-3: EXIT EMERGENCY COMBO FOR COLD WEATHER, THE LIGHTING SOURCE, WMK125X12N-1-R-D-4X-2LA-D-CW-4; -40°F; WET LOCATION WALL MOUNTED; INTEGRAL Ni-Cd BATTERY; 120V; RED LETTERING
- L-4: EXTERIOR LED w/ EMERGENCY LIGHT FOR COLD WEATHER, THE LIGHTING SOURCE, BZ-1-LUX-ACSD-CW; -20°F WALL MOUNTED; INTEGRAL Ni-Cd BATTERY; WET LOCATION; 120/277V; 12W; 5000K; w/ DAY/NIGHT PHOTO SENSOR, -4°F



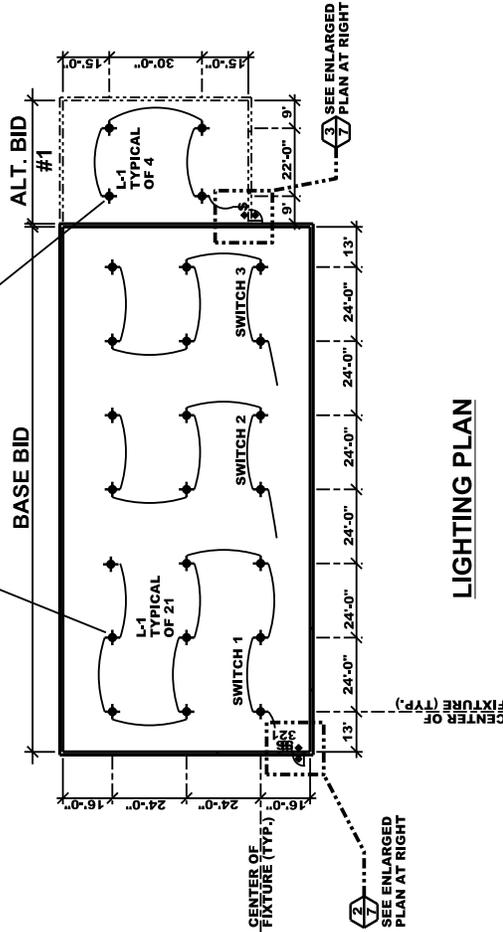
2. ENLARGED EXIT LIGHTING BASE BID

3. ENLARGED EXIT LIGHTING ALT BID ITEM #1



ELECTRICAL PLAN

HIGH BAY LED FIXTURES, CONDUITS, BOXES AND OTHER RELATED EQUIPMENT SHALL BE ABOVE TRUSS BEARING HEIGHT. MOUNTING MATERIAL AND METHOD BY ELECTRICAL CONTRACTOR.



LIGHTING PLAN

