NOTICE OF ADDENDUM

ADDENDUM 2

Streets West Facility HVAC and Lighting Upgrade

CONTRACT NO. 9497

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at: http://www.bidexpress.com

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

A. Answers to questions:

- 1. Question: "Can equipment or trucks be relocated to gain access to work locations?"
 - Answer: Vehicles can be temporarily relocated by owner to make bays available for contractor. Miscellaneous material, pallets etc. also can be relocated by owner.
 Permanently installed shelves, work benches and cabinets can't be relocated in most cases.
 Contractor will need to find an access with boom lifts, cherry pickers, or other safe means.
- 2. Question: "There are existing sprinklers above the new supply duct. Who will install new sprinklers under the duct?"
 - a. Answer: Sheet G 01 will be re-issued
 - i. The City will hire a fire sprinkler contractor under a separate contract.
- 3. Question: "There are sprinkler pipe, gas pipe and radiant heater hangers that may be in the way of the new supply duct. Who will relocate those?"
 - a. Answer: Sheet M 200 will be re-issued.
 - Contractor shall adjust duct route and elevation to avoid sprinkler pipe, gas pipe and equipment as needed. Use rectangular or oval duct as needed while maintaining same equivalent diameter.
 - ii. Where existing gas pipe or radiant heater hangers are in the way, remove supports and provide new support from building structure or from new duct support.
 - iii. Duct shall be above Overhead Door height. The air flow and diffuser location shall be as intended in the original design.
- 4. Question: "Who is a local controls contractor?"
 - a. Answer: All our existing system were installed by:
 - i. Marquis Harding
 - ii. South Town Refrigeration dba ControlWorks Inc.
 - iii. (608) 347-6108
 - iv. MHarding@controlworks-bas.com
 - b. Additional Note: Review Section 23 09 00 1.4. for qualification requirements. Controls contractor shall cooperate with owner IT department to gain access to network and BAS.

This will require providing IT department with information about company, software, hardware and other information.

- 5. Question: "Can we bid only the alternate or only one discipline?"
 - a. Answer: The bidder needs to submit a bid for the complete work for the base bid and for the alternate. If a contractor wishes to only perform part of the work, they should work with a company that acts as general contractor.
- B. Plan Revisions:
 - 1. Replace sheet G 01 with new sheet G 01
 - a. Added fire sprinkler work to owner-provided part of work. See E.2.
 - 2. Replace sheet M 200 with new sheet M 200
 - a. Answer above question about potential conflict between new supply duct and existing hangers, pipes and equipment.

Sincerely,

ames M. Wolfe, P.E., City Enginee

JMW:ks

Streets West Facility HVAC and Lighting Upgrade (Bid)

Sheetlist (Complete Contract)		
Sheet Number	Sheet Name	
G 01	Cover	
S 1.00	Roof Framing Plan	
S 2.00	Details	
A 100	Site Plan	
A 110	Exterior Elevations	
A 200	Architectural	
M 001	General HVAC	
M 200	Garage	
M 210	3D Garage	
M 300	Schedules and Details	
EL 001	General Lighting	
EL 002	Demolition	
EL 200	Garage	
EL 210	Shops - Level 1	
EL 220	Shops - Level 2	
EL 300	Schedules and Details	
EP 200	Power	
ED 200	Schadulas	

Sheets Designed by Kay Schindel, P.E			
Sheet Number	Sheet Name		
G 01	Cover		
A 100	Site Plan		
A 110	Exterior Elevations		
A 200	Architectural		
M 001	General HVAC		
M 200	Garage		
M 210	3D Garage		
M 300	Schedules and Details		
EL 001	General Lighting		
EL 002	Demolition		
EL 200	Garage		
EL 210	Shops - Level 1		
EL 220	Shops - Level 2		
EL 300	Schedules and Details		
EP 200	Power		
EP 300	Schedules		

SPECIAL PROVISIONS SPECIFIC TO THIS CONTRACT

ALTERNATE 1:

SPECIAL SITE CONDITIONS:

unless approved otherwise.

coordination and installation.

in scheduled circuits.

PROVISIONS FOR FUTURE WORK

PERMIT REQUIREMENTS:

CONTINUITY OF SERVICE:

EXISTING EQUIPMENT:

Wiring for above HVAC

1. Replacement of Garage Exhaust and Ventilation including, but not limited to: New make-up air unit, louvers, exhaust fans, and ductwork

HVAC controls and related devices such as VFD

Re-wiring for 277V (from XTG 120V).

Lighting Circuits listed on sheet EP 300

block off work areas without disrupting facility operation.

Meet requirements of local ordinances, rules and laws.

EQUIPMENT PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):

needed (contractor provides the 4 additional sensors).

1. Contractor may use owner's power and water at no cost.

1. Contractor is responsible to obtain all permits. See specifications for details.

XTG conduit near new intake louver will be relocated by owner.

Fire sprinklers under new duct work will be provided by owner.

WORK PROVIDED BY OWNER (DON'T INCLUDE IN BID PRICE):

Replacement of all existing controls and lighting fixtures

Washbay lighting installation with wet-location rating

Equipment For Emergency Lighting; 26 50 00 - Lighting

Replacement of lighting in garage, shop and storage areas. This includes but is not limited to:

Connecting to 277/480V panels and providing new breakers as required

BASE BID includes ALL plan sheets and specifications except as noted under ALTERNATE 1

1. Streets shop will fabricate and provide brackets for wall-fixture mounting. Contractor is responsible for

Emergency Lighting inverter shall receive extra breakers for future extension of emergency system

1. Facility will be operating and staff will use the work areas. Contractor shall schedule and arrange with staff to

a. All work on "EL" sheets EL 001; EL 002; EL 200; EL 210; EL 220; and EL 300

XTG conduit shall be reused if possible. New conduit is required where XTG conduit is not sufficient.

All work in specification sections 26 09 23 - Lighting Control Devices; 26 33 23.13 - Central Battery

Hours of operation are limited to 7 a.m. to 7 p.m. Monday through Saturday and Sunday 10 a.m. through 7 p.m.

Panel HD and HE (including feeders and breakers) will be provided and installed by owner. Contractor shall wire

3 Garage CO and NOx sensors already exist. Contractor can use XTG sensors. Contractor shall provide the

remaining required number of sensors to fulfill manufacturer coverage requirements. 7 sensors in total will be

A. PROJECT DESCRIPTION:

BB	Baseboard
BFF	Below Finished Floor
BFG	Below Finished Floor Below Finished Grade
BLDG	Building
BLW	Below
BO	Bottom of
BOC	Bottom of Concrete
BOS	Bottom of Steel
BPL	Base Plate
CB	Catch Basin
CBT	Ceramic Tile Base
CE	Center Elevation
CF/CI	-
	Contractor Furnished / Contractor Installed
CF/OI	Contractor Furnished / Owner Installed
CG	Corner Guard Cast-In-Place
	Cast-in-Place Control Joint
CJ	
CL	Center Line
CLG	Ceiling
CMU	Concrete Masonry Unit
CO	Cleanout
COL	Column
CONC	Concrete
CONT	Continuous
CORR	Corridor
CPT	Carpet
CSWK	Casework Ceramic Tile
CT	-
CW	Cold Water
DEMO	Demolition
DF DIA	Drinking Fountain
DIA	Diameter
	Door
DS DW	Downsport
DWG	Dishwasher
E DWG	Drawing East
EA EJ	Each
	Expansion Joint
EL	Elevation
ELEV	Elevator
EPS	Expanded Polystyrene Board
EQ	Equal (Distance)
EST	Estimated
EXP	Expand, Expansion
EXT	Exterior
F	Female
FA	Fire Alarm
FAB	Fabric
FD	Floor Drain
FEC	Fire Extinguisher Cabinet
FHC	Fire Hose Cabinet
FLR	Floor
FM	Floormat
FND	Foundation
FO	Finished Opening
FP	Fire Protection
FTG	Footing
GA	Gauge
GALV	Galvanized
GB	Grab Bar
GR	Grade
GT	Grout
GYP	Gypsum Board
HB	Hose Bib
HC	Hollow Core
HGT	Height
HM	Handicapped
HM	Hollow Metal
HVAC	Heating, Ventilation & Air Conditioning
HW	Hot Water
ID	Inside Diameter
INT	Interior
JHA LAV	Jurisdiction Having Authority
	Lavatory
LL M	Live Load Male
MAX	Maimum
MFR	Manufacturer
MIN	Manufacturer Minimum
MISC	Miscellaneous
MO	Masonry Opening
N	North
NA NA	Not Applicable
NIC	Not in Contract
NM	Nominal
NTS	No to Scale
OC	on center
OD	Outside Diameter
OF / CI	Owner Furnished / Contractor Installed
OF / OI	Owner Furnished / Owner Installed
OHD	Over Head Door
OPNG	Opening
OPP	Opposite
PERP	Perpendicular
POLYISO	Polyisocyanurate Board
PT	Paint, Painted
PTN	Partition
RCP	Reflected Ceiling Plan
RD	Roof Drain
REBAR	Reinforcing Steel Bars
REF	Reference
REV	Revision
RO	Rough Opening
S	South
SAN	Sanitary Stainless Stark
SST	Stainless Steel
TEMP	Temperature Top of Finsihed Floor
	i op oi Finsinea Floor
TFF	T
TFF TO	Top of
TFF TO TOB	Top of Beam
TFF TO TOB TOC	Top of Beam Top of Concrete
TFF TO TOB TOC TOJ	Top of Beam Top of Concrete Top of Joist
TFF TO TOB TOC TOJ TYP	Top of Beam Top of Concrete Top of Joist Typical
TFF TO TOB TOC TOJ TYP UNO	Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise
TFF TO TOB TOC TOJ TYP UNO VIF	Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise Verified in Field
TFF TO TOB TOC TOJ TYP UNO	Top of Beam Top of Concrete Top of Joist Typical Unless Noted Otherwise

Acoustical Ceiling Tile
Additional
Above Finished Counter
Above Finished Grade
Aluminum
Approved

A. General Conditions: All scheduled numbers and amounts of material and equipment are for contractor's convenience only. Contractor shall count and measure independently for bidding and ordering purposes. All scheduled numbers, lengths and other amounts may be incorrect and owner is not liable for mismatch. Notes applied to single items may apply to all like items on view.

Entire contract includes all specifications, plan sheets and other documents issued by owner. Bid documents don't intend to detail which subcontractor is responsible for what type of work. Any trade shall be familiar with the entire contract. Division of work is responsibility of contractor. Utility Connections: Where work indicated includes installation of utilities (Gas, Power, Water, Sewer, Phone etc.) provide all the required work that normally is not done by the Utility. Contractor shall inquire with Utilities to learn about

Before bidding, contractor shall familiarize with existing conditions, scope of work and means and methods required. Contractor shall inquire about any missing or apparently incomplete details and specifications

the Scope of the Utility's work. Drawing Conventions To be demolished items are shown in dashed line and/or colored. Some items necessary for removal may not be shown and removal is part of the contract. Count of devices. lengths, areas and volumes are given for convenience only. Actually required numbers may be different and contractor is responsible to determine the actual need prior bidding. Details will require items that will not be shown for every instance in the model. For example, a shut-off valve may be shown for a specific detail but the plans don't show this valve for every single instance - this

Required Clearances may or may not be shown. Often that will include red-dashed lines. Each trade installing near equipment close to other trades' equipment shall review those sheets to learn about required clearances. All contractors shall review manufacturer's installation suggestions to learn about specific clearance requirements. If clearance is not sufficient for maintenance and equipment replacement, contractor shall relocate equipment at no cost to owner.

Demolition drawings may not show every single item to be demolished. Demolish all indicated devices and systems completely. Include all associated ducts, pipes, hangers, insulation, fuel systems, devices, electrical systems, equipment. Only leave XTG items in place if it is indicated, or required for new installation and functioning of new system or equipment.

Maintain all XTG and new Fire Ratings of walls, ceilings, and floors. Provide adequate protection for each trade.

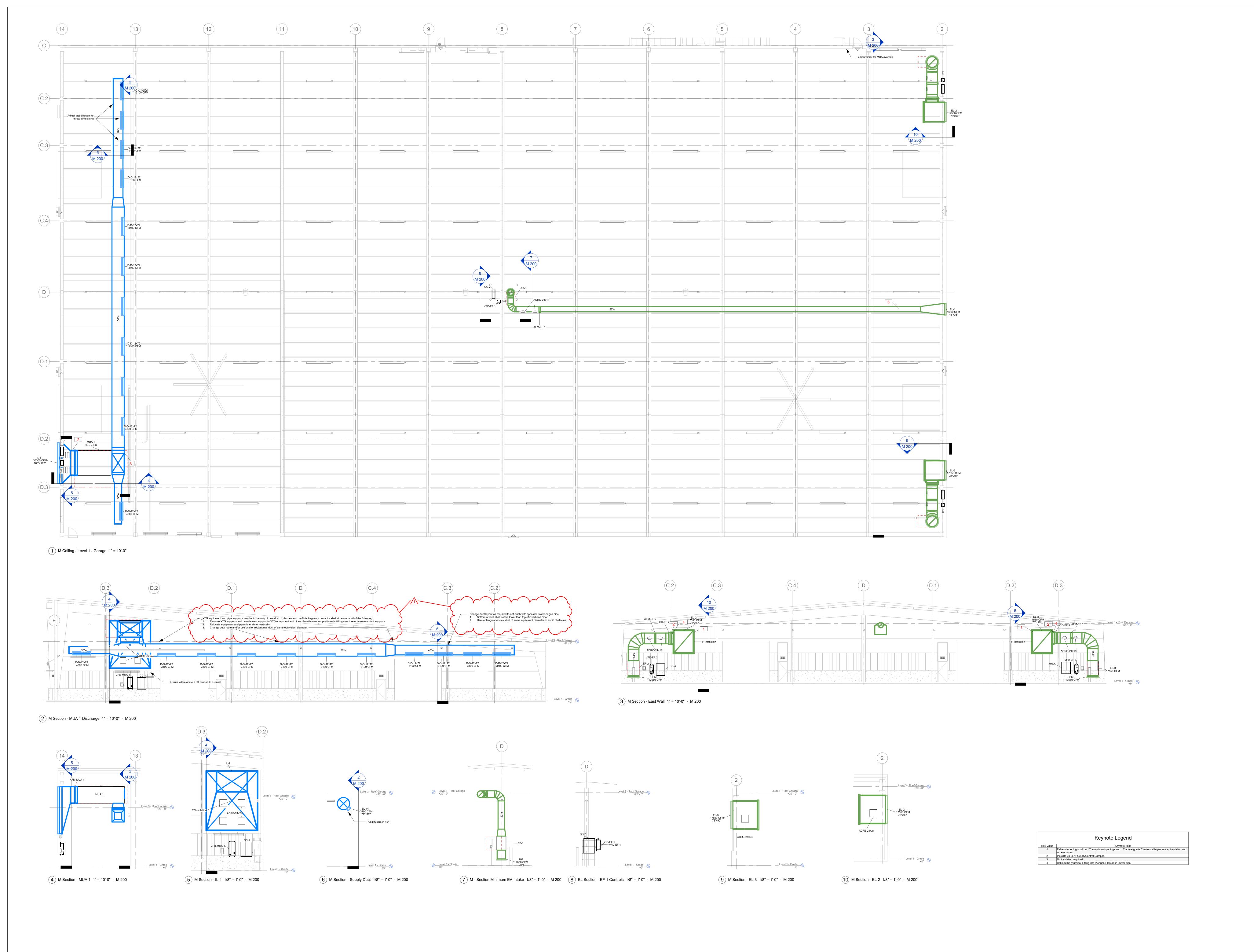
valve will be required for each such device.

All trades shall review and understand Architectural and other Fire Protection plans and Section " 07 80 00 - Fire and Smoke Protection"

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Designed by:
City of Madison
Facilites Management
City-County Building, Room 115
210 Martin Luther King Jr. Boulevard
Madison, WI 53703

Client: Streets Department

Location: 1501 W Badger Rd. Madison, WI 53713

Contract: 9497 Project: 15066, 13370

Streets West Facility HVAC and Lighting Upgrade (Bid)

> Project North TRUE

Garage

M 200

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0 2 4 6 8 10 2 0 2 4 6 8 10 12 14 5 0 5 10 15 20 5 0 5 10 15 20 25 30 5 0 5 10 15 20 25 30 35 40 45 20 0 20 40 30 0 30 60

4" = 1'-0" FEET 3/32" = 1'-0" FEET 1/8" = 1'-0" FEET 1/16" = 1'-0" FEET 1" = 20'-0" FEET 1" = 30'-0" FEET