

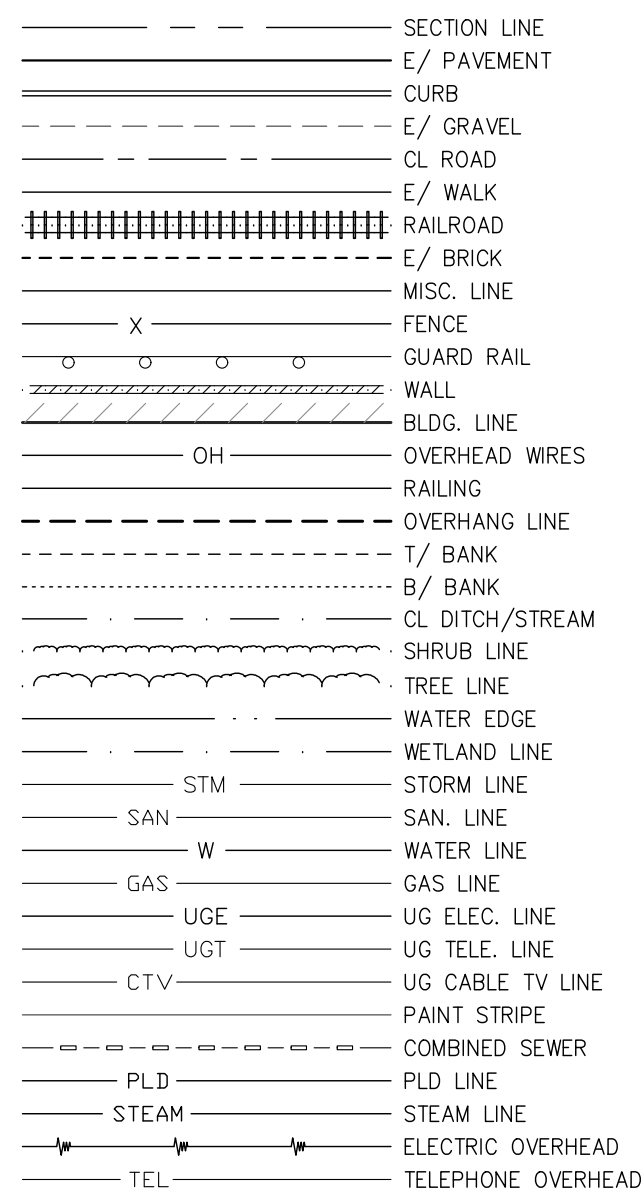
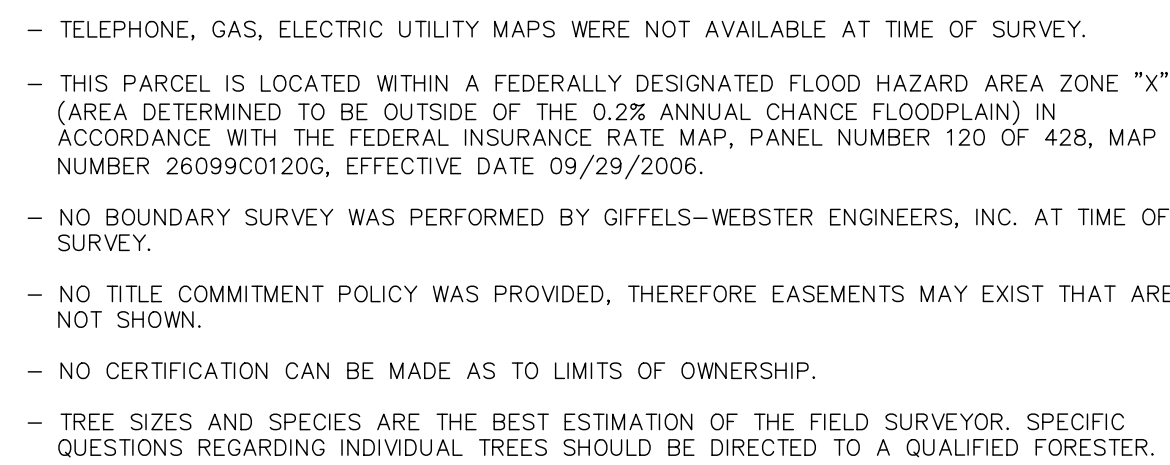
| STRUCTURE | TYPE | SIZE OF PIPE | RIM | DROP | INVERT | DIRECTION | COMMENTS |
|-----------|------------------|--------------|--------|--------|--------|-------------|-------------------------|
| 50 | SANITARY MANHOLE | CL/CHANNEL | 857.12 | -29.45 | 827.67 | EAST/WEST | FLWS EAST |
| 160 | SANITARY MANHOLE | 12" | 854.40 | -11.05 | 843.35 | EAST/WEST | |
| | | | 854.40 | -27.50 | 826.90 | EAST | DROP CONNECTION |
| | | 12" | 854.40 | -27.75 | 826.65 | WEST | |
| | | 12" | 854.40 | -27.80 | 826.60 | SOUTH | FLWS SOUTH |
| 202 | SANITARY MANHOLE | CL/CHANNEL | 847.03 | -12.90 | 834.13 | NORTH/SOUTH | 12" CHANNEL; FLWS SOUTH |
| 268 | SANITARY MANHOLE | 12" | 850.76 | -9.00 | 841.76 | WEST | |
| | | CL/CHANNEL | 850.76 | -16.14 | 834.62 | NORTH/SOUTH | FLWS SOUTH |

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

PRIOR TO THE PLANNED BUILDING IMPROVEMENTS, AND/ OR CONSTRUCTION, THE RESPECTIVE UTILITY COMPANIES MUST BE NOTIFIED TO STAKE THE PRECISE LOCATION OF THEIR UTILITIES.

PRIOR TO THE PLANNED BUILDING IMPROVEMENTS, AND/ OR CONSTRUCTION, THE RESPECTIVE UTILITY COMPANIES MUST BE NOTIFIED TO STAKE THE PRECISE LOCATION OF THEIR UTILITIES.

ELEVATION=855.38'



- | | | | |
|--|---------------------------|--|-------------------------|
| | SAN. MH | | GAS METER |
| | C.O. SAN. CLEAN OUT | | GAS RISER |
| | SAN. RISER | | GAS VALVE |
| | SAN. PUMP STATION | | GAS MH |
| | COMB. MH | | TELE. RISER |
| | GATE VALVE | | TELE. MH |
| | HYDRANT | | TELE. CROSS BOX |
| | WATER VALVE | | CABLE RISER |
| | WATER METER | | PAY PHONE |
| | POST INDICATOR VALVE | | MANHOLE |
| | WELL HEAD | | SIGN |
| | FDC CONNECTION | | PROT. POST/GUARD POST |
| | IRRRIGATION CONTROL BOX | | GUY |
| | STORM MH | | DECIDUOUS TREE |
| | CATCH BASIN | | CONIFEROUS TREE |
| | BEEHIVE CB | | DEAD TREE |
| | CULVERT E.S. | | UTILITY FLAG |
| | ROOF/DOWN SPOUT | | BLDG. CORNER FIELD MARK |
| | OVERFLOW/OUTLET STRUCTURE | | HANDICAP PARKING |
| | C.O. STORM CLEAN OUT | | WETLAND FLAG |
| | ROUND CB | | BUSH/SHRUB |
| | LIGHT POLE | | PARKING METER |
| | UTILITY POLE | | RESIDENTIAL MAILBOX |
| | ELEC. TRANS. | | U.S. MAILBOX |
| | AIR CONDITIONER | | EXISTING ELEVATION |
| | ELEC. MH | | |
| | ELEC. RISER | | |
| | TRAFFIC CONTROL BOX | | |
| | STEAM MH | | |
| | PUBLIC LIGHTING MH | | |

- | | |
|--------|--------------------------|
| ▲ | MISC. TOPO. FEATURE |
| ★ | SURVEY CONTROL POINT |
| ● | FOUND IRON |
| ● | FOUND NAIL |
| ✕ | F. CUT CROSS |
| ○ | SECTION COR. |
| ⊙ | FENCE POST |
| ⊙ | BENCHMARK |
| ⊙ | FOUND PIPE |
| ⊙ | FOUND MON. |
| ASPH. | ASPHALT |
| CONC. | CONCRETE |
| A.C. | AIR CONDITIONER |
| G.P. | GUARD POST |
| C.L.F. | CHAIN—LINK FENCE |
| D.L. | DOOR LEDGE |
| F.F. | FINISHED FLOOR |
| O.H. | OVERHANG |
| F.I. | FOUND IRON |
| S.I. | SET IRON |
| F.I.P. | FOUND IRON PIPE |
| (M) | MEASURED |
| (R) | RECORD |
| F.M. | FOUND MONUMENT |
| S.N. | SET NAIL |
| C.M.P. | CORROGATED METAL PIPE |
| R.C.P. | REINFORCED CONCRETE PIPE |
| GL | GROUND LIGHT |

- | | |
|--------|--------------------------|
| ▲ | MISC. TOPO. FEATURE |
| ★ | SURVEY CONTROL POINT |
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| R.C.P. | REINFORCED CONCRETE PIPE |
| GL | GROUND LIGHT |

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GILCHER-CRISSMAN PARK
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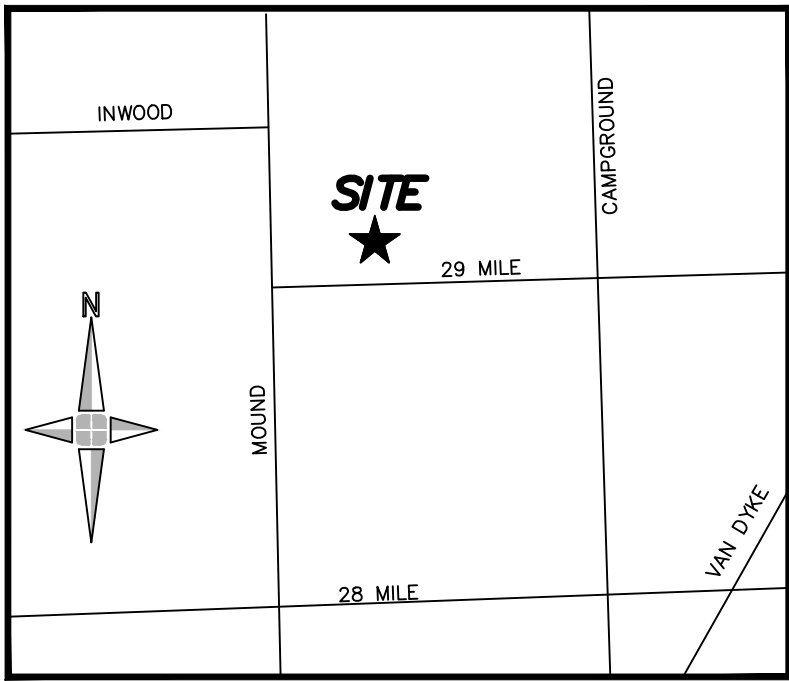
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MACOMB COUNTY
MICHIGAN

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| Date: | MARCH 2025 |
| Scale: | 1" = 30' |
| Sheet: | CP-03 |
| Project: | 20408.01 |

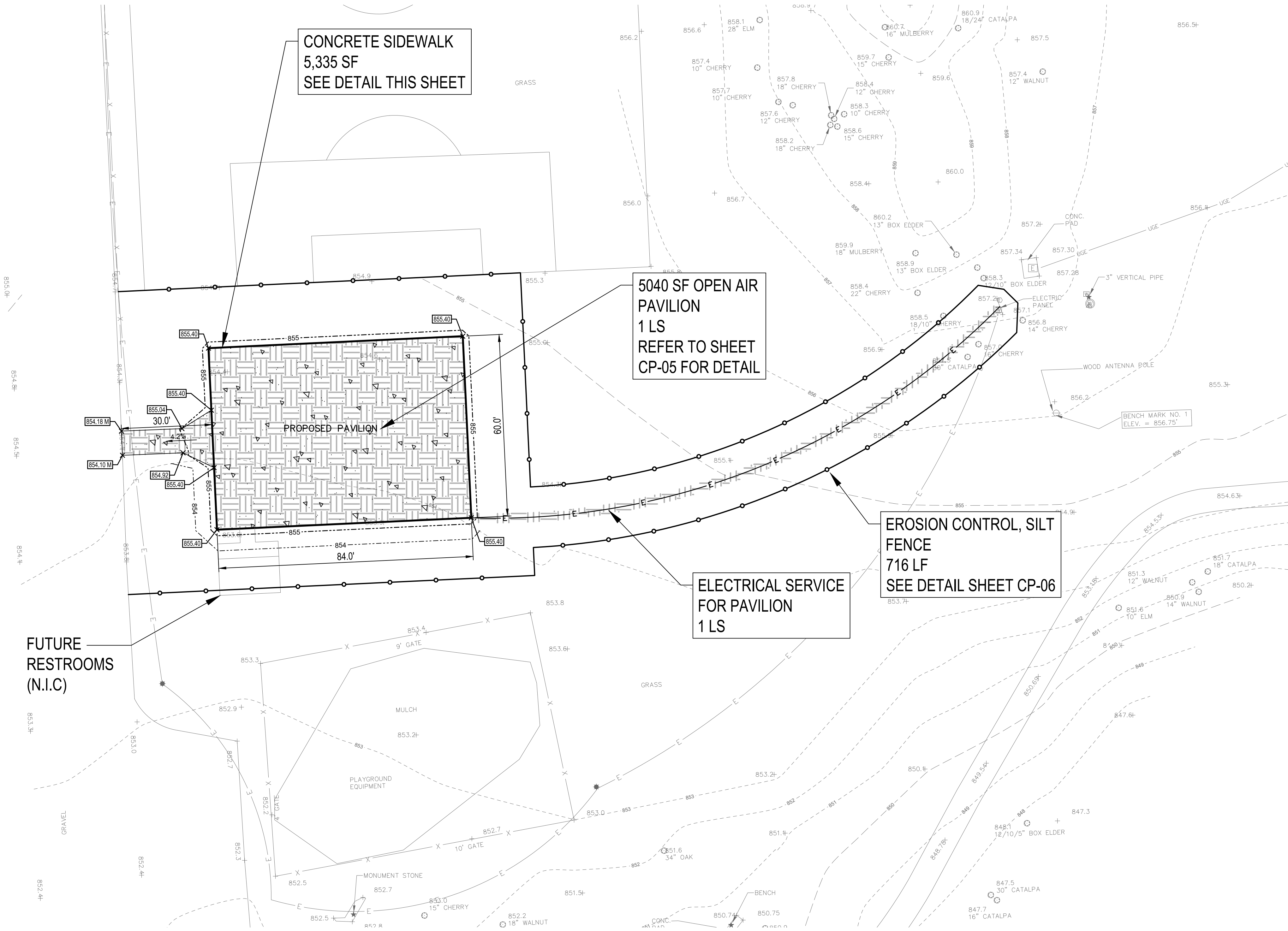
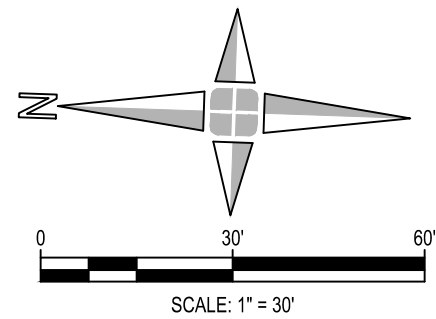
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QUANTITIES THIS SHEET

| | |
|---|---------|
| NON HAZ CONTAMINATED MATERIAL HANDLING AND DISPOSAL, LM | 185 CYD |
| CLEAN FILL | 70 CYD |
| TOPSOIL SURFACE, SALV, 6 INCH | 657 SYD |
| EROSION CONTROL, SILT FENCE | 716 LF |
| SIDEWALK, CONC, 4 INCH | 5335 SF |
| AGGREGATE BASE, 4 INCH, CL II SAND | 593 SYD |
| SUBGRADE UNDERCUTTING, TYPE II, MODIFIED | 125 CYD |
| 5040 SF OPEN AIR PAVILION | 1 LS |
| ELECTRICAL SERVICE FOR PAVILION | 1 LS |



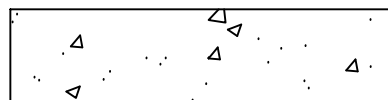
LOCATION MAP
(NOT TO SCALE)



NOTES:

- CONTRACTOR TO REVIEW ENVIRONMENTAL REPORTS DATED APRIL 20, 1999 AND OCTOBER 17, 2003 PREPARED BY McDOWELL & ASSOCIATES, JULY 22, 1999 BY THE DEQ, AND SEPTEMBER 23, 2003 BY PEA GROUP REGARDING EXISTING SOIL CONDITIONS AND RESTRICTIONS. PRECAUTIONS MUST BE TAKEN DURING CONSTRUCTION TO PREVENT CONTAMINATED SOIL AND/OR GROUNDWATER FROM ENTERING UTILITY SYSTEM OR MIGRATING OFFSITE. EXISTING SOILS ARE NOT TO BE REUSED ON SITE WITHOUT 1 FOOT OF CLEAN TOPSOIL EXPOSED TO SURFACE. EXISTING MATERIAL MUST BE REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL FACILITY. TESTING (BY OWNER) MAY BE REQUIRED.
 - ESTIMATED VOLUME OF EXCESS EXCAVATED MATERIAL TO BE DISPOSED OF: 185 CYD
 - DISPOSED VOLUME IS ALL MATERIAL LEFT FROM EXCAVATION FOR ELECTRICAL TRENCH, SUBGRADE UNDERCUTTING, AND PAVILION FOOTINGS THAT CANNOT BE USED ON SITE DUE TO THE REQUIREMENT THAT 1' OF CLEAN TOPSOIL BE PLACED AT SURFACE. THIS QUANTITY DOES NOT INCLUDE THE 6 INCHES OF TOPSOIL TO BE SALVAGED AND CAN BE RE-USED ON SITE.
 - ESTIMATED VOLUME OF CLEAN FILL/TOPSOIL REQUIRED TO BE BROUGHT TO SITE: 70 CYD
 - THIS QUANTITY ASSUMES THAT ALL OF THE SALVAGED TOPSOIL CAN BE USED AS CLEAN FILL.
- ELECTRICAL SERVICE FOR PAVILION SHALL INCLUDE CONNECTING TO EXISTING PANEL AND WIRING OF THE PAVILION TO INCLUDE TWO (2) GFCI OUTLETS AND LIGHTING (SEE DETAIL SHEET CP-05) UNDER THE PAVILION.
 - CONTRACTOR TO SUBMIT ELECTRICAL PLAN TO GIFFELS WEBSTER AND WASHINGTON TOWNSHIP BUILDING DEPARTMENT FOR APPROVAL.
 - CONTRACTOR TO VERIFY WHETHER THE EXISTING ELECTRICAL PANEL CAN HANDLE THE NEW LOADS PRIOR TO BIDDING. NOTE THAT THERE IS A CONTRACT TO BE COMPLETED SUMMER 2025 TO CONNECT THE ELECTRICAL FOR 7 NEW PARKING LOT AREA LIGHTS AND 14 SECURITY CAMERAS TO THE PANEL.
 - CONTRACTOR TO PROVIDE A MINIMUM OF 2 CIRCUITS AT THE CORNER OF THE PAVILION TO BE USED FOR FUTURE LIGHTING WITHIN STRUCTURE.

SHEET LEGEND



CONCRETE SIDEWALK

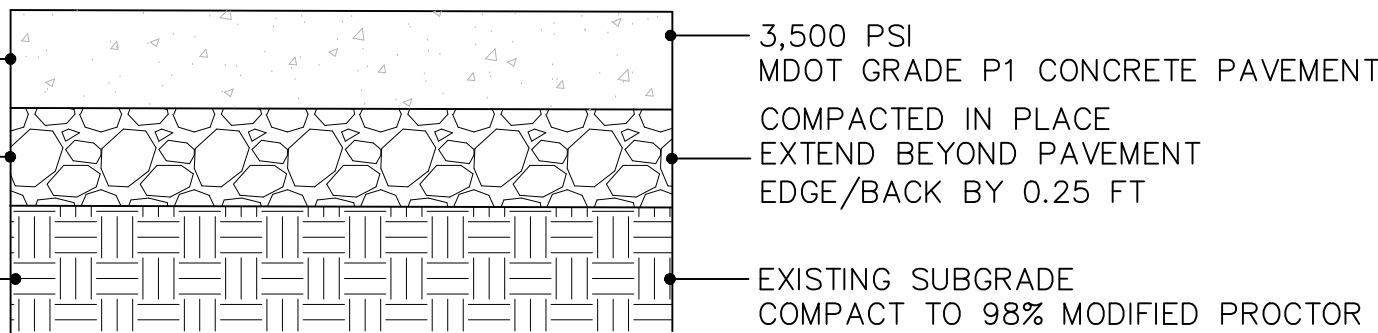


TOPSOIL SURFACE, SALV, 6 INCH

SIDEWALK, CONC, 4 INCH

AGGREGATE BASE, 4 INCH (CL II)

GRANULAR MATERIAL, CL II, CIP



CONCRETE SIDEWALK

NOTES:

- BROOM FINISH CONCRETE SURFACE.
- SEE MUNICIPAL DETAILS FOR CONCRETE JOINTING PLAN AND PLACEMENT OF EXPANSION JOINTS.
- SAWCUT CONCRETE JOINTS AS SOON AS PAVEMENT CAN SUPPORT MACHINE.

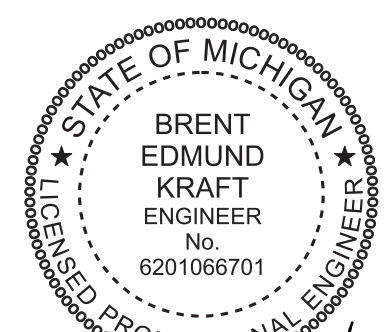
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| Manager: | B.K. |
| Designer: | B.D.M. |
| Quality Control: | B.K. / M.K. |
| Section: | 16 |
| | T-04-N R-12-E |

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| 04.15.2025 | FOR BID |
| 04.29.2025 | ADDENDUM #1 |
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SITE PLAN

GILCHER-CRISSMAN PARK
PAVILION

WASHINGTON TWP.
MACOMB COUNTY
MICHIGAN

| | |
|----------|------------|
| Date: | MARCH 2025 |
| Scale: | 1" = 20' |
| Sheet: | CP-04 |
| Project: | 20408.01 |

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NOTE: COVERWORX DRAWINGS ARE FOR REFERENCE AND AN EXAMPLE OF ONE APPROVED SUPPLIER. CONTRACTOR CAN USE OTHER SUPPLIER AND INDICATE THAT DURING BID.

DRAWINGS ARE NOT TO SCALE

- CONSTRUCTION IS TO INCLUDE ALL WORK ASSOCIATED WITH BUILDING A COMPLETE PAVILION AS SHOWN ON THE PLANS. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, BUILDING MATERIALS, AGGREGATE BASE, CONCRETE FOUNDATION, STEEL REINFORCEMENT, ROOFING, ETC. ITEM INCLUDES CONSTRUCTION OF THE ENTIRE SYSTEM.
- DESIGN AND SUBMITTAL FOR BUILDING DEPARTMENT REVIEW AND APPROVAL IS ALSO REQUIRED. CONTRACTOR TO PROVIDE DOCUMENTATION ON BUILDING SUPPLIER OTHER THAN COVERWORX FOR REVIEW AND APPROVAL.
- CONTRACTOR TO COORDINATE WITH PAVILION MANUFACTURER AND GIFFELS WEBSTER/OWNER TO DETERMINE FINAL LOCATION OF ALL OUTLET AND LIGHTING CUTOUTS.
- A TOTAL OF 12 LAMPS (48" 60W LED LIGHTING, 3000K LIGHTING TEMP) ARE TO BE SURFACE MOUNTED WITHIN THE PAVILION, EVENLY SPACED. CONTRACTOR TO PROVIDE SEPARATE CIRCUITS FOR LIGHTING AND REMAINING POWER FOR THE PAVILION.

Model: Steelworx Gable Shelter, 60' x 84'
Model # GA-6084-SW

Manufacturing Mission: To provide all prefabricated components and installation instructions for a 60' wide (measured from eave to eave) by 84' long free standing bolt together, tubular steel constructed shelter kit.

Design Criteria: Structure shall be designed to meet site specific snow and wind load design criteria using most current applicable building codes. All structural members are ASTM A-500 U.S. grade B steel. Welded connection plates shall be ASTM A-36 hot rolled steel. All fabrication performed to latest AISC standards by AWS Certified welders. All framing connections are done using A325 grade bolts within concealed access openings from above and will later be concealed by the roofing. All roof framing shall be flush against the roof decking to eliminate the possibility of bird nesting.

Tubular Steel Columns and Beams: Standard column dimension shall be 18" x 6" x 5/16" tubular steel welded to 1" base plates. Main support beams are 18" x 6" x 5/16" and purlins are 6" x 4" x 3/16". Steel sizes are preliminary and may change upon final engineering based on actual site conditions and load requirements (site specific engineering shall be an additional cost).

Roofing: 24 Ga. pre-cut steel Multi-Rib panels with Kynar 500 finish in a variety of colors with white underside. Standard roof slope is a 4/12 pitch with a eave height of 8'-0". Attached to structural framing with exposed self tapping screws painted to match roof color. Matching 24 Ga. trim included.

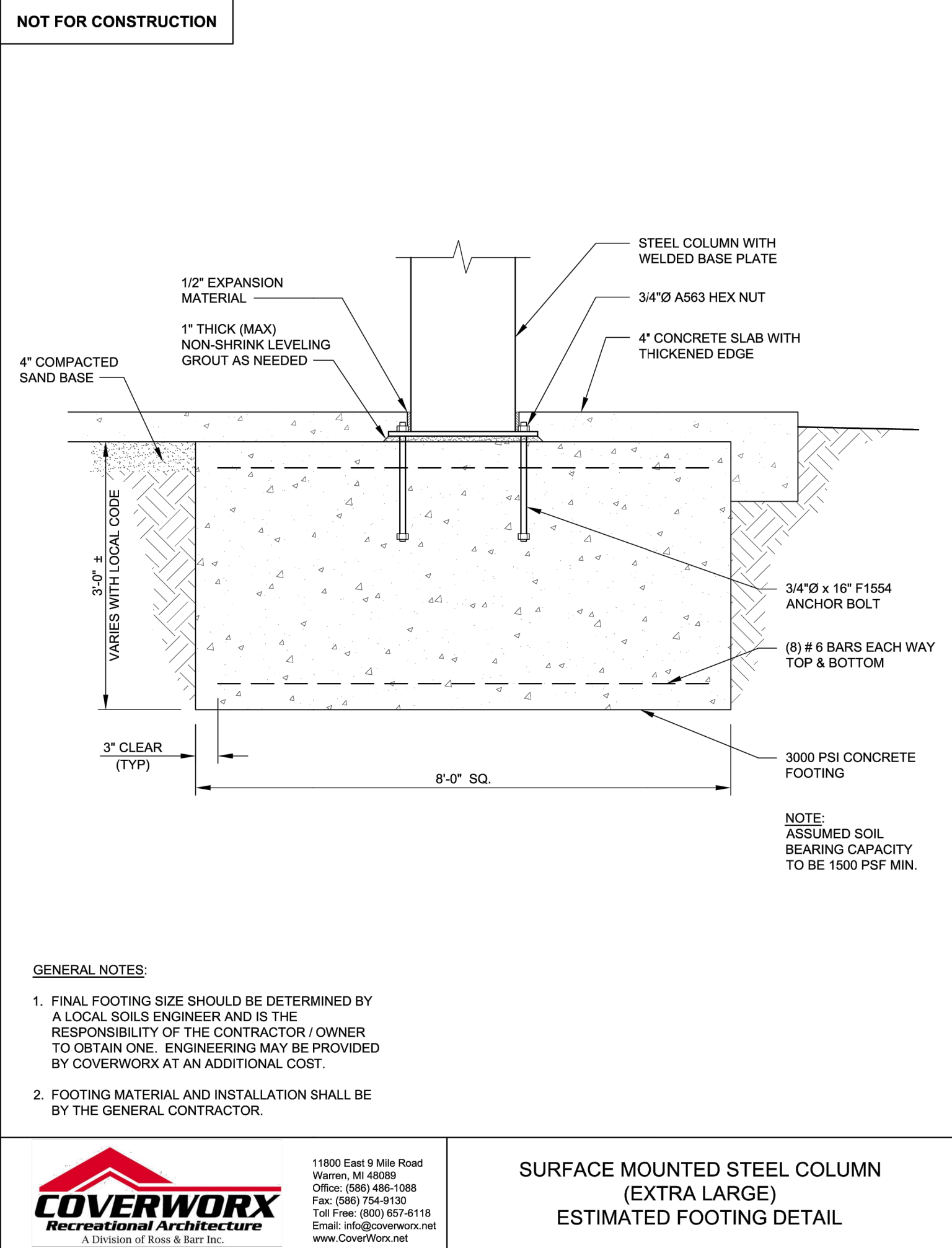
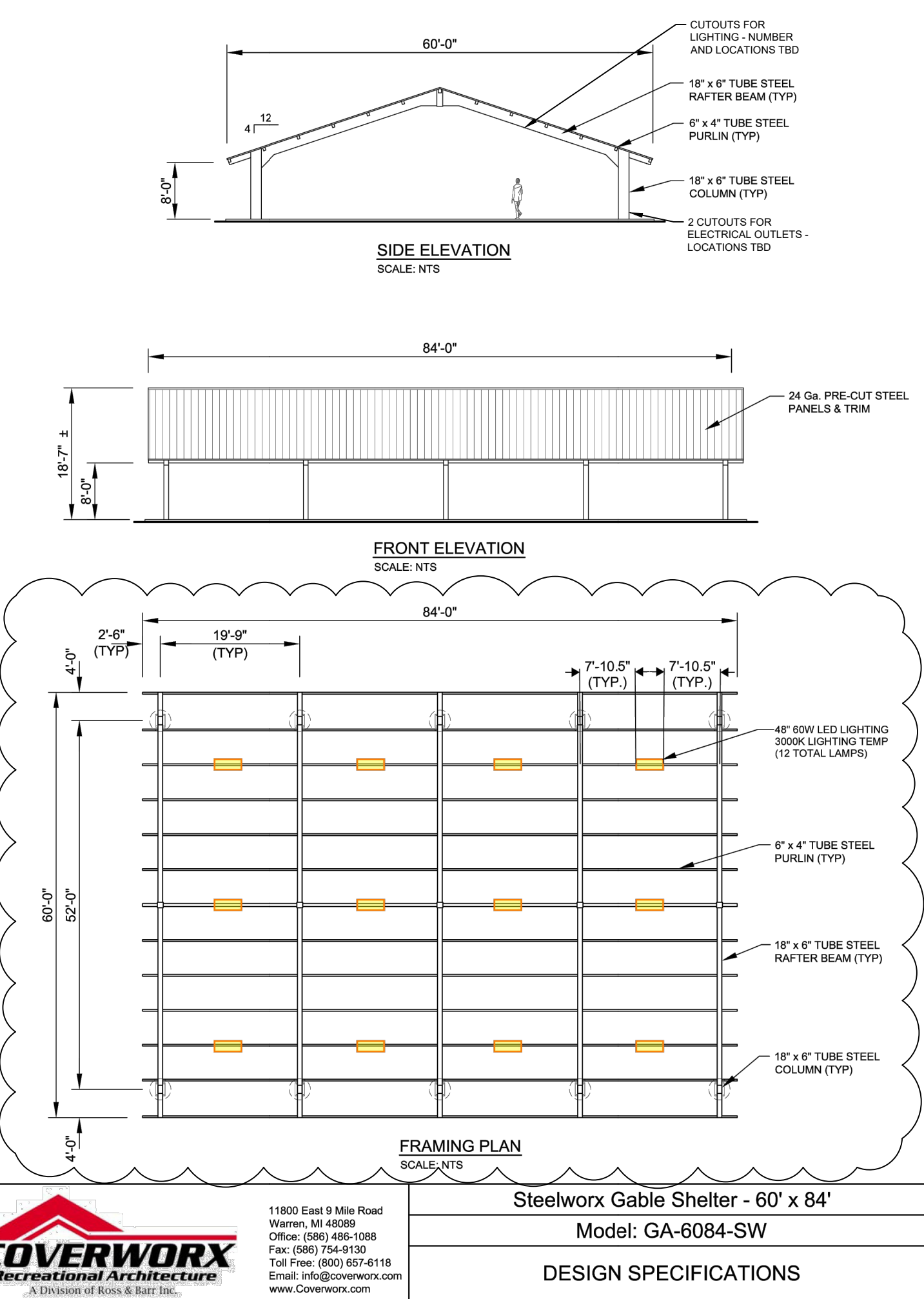
Frame Finish: All steel framework will receive a corrosion protective TGIC Polyester powder coat, electro-statically applied and cured at 400°F. A large selection of standard colors are available.

Foundation: All columns need to be anchored to concrete footings (footing design provided separately). Columns can be surface mounted with anchor bolts at or below finish slab elevation or they can be embedded directly into the footing. Optional base plate covers are available at an additional cost.

Hardware: All structural hardware and roofing fasteners shall be provided.

Warranty: 10 years against manufacturer defects.

Not Included: Concrete work of any kind, unloading of product and installation.



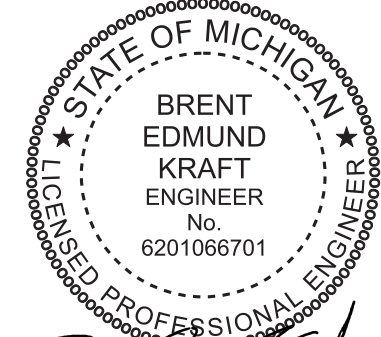
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DETAILS

GILCHER-CRISSMAN PARK
PAVILION

WASHINGTON TWP.
MACOMB COUNTY
MICHIGAN

Date: MARCH 2025
Scale: N.T.S.
Sheet: CP-05
Project: 20408.01

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1. REFER TO GENERAL NOTES ON SHEET CP-02 FOR ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES

- ### ADDITIONAL EROSION CONTROL NOTES

- ### TEMPORARY SEDIMENT INLET FILTER

NOTE:
TEMPORARY SEDIMENT INLET FILTER TO BE INSTALLED ON ALL
PAVED CATCH BASINS OR STORM INLETS, OR AS SPECIFIED ON
THE SOIL EROSION CONTROL PLAN. INLET FILTER TO BE SIMILAR
TO "CATCH-ALL" AS MANUFACTURED BY SMARATHON MATERIALS,
INC. (800-983-9493) OR "SILTSACK" AS MANUFACTURED BY
ATLANTIC CONSTRUCTION FABRICS, INC., (800-448-3636).
CLEAN FILTER AS NEEDED, OR AS REQUIRED BY THE SOIL
EROSION CONTROL PLAN.

TOTAL PROJECT DISTURBED AREA 0.28 ACRES +/-

CHARTER TOWNSHIP OF WASHINGTON
57900 VAN DYKE
WASHINGTON, MI 48094
(586) 786-0010 p
(586) 786-0404 f
ATTN: RICH AMORMINO DPW DIRECTOR

BrB BOYER LOAMY SAND, 2-6% SLOPES
LeB LAPEER SANDY LOAM, 2-6% SLOPES

NAME OF NEAREST COUNTY DRAIN: MOUNT VERNON DRAIN
NAME OF NEAREST WATERCOURSE: MOUNT VERNON DRAIN
DISTANCE TO NEAREST WATERCOURSE: 10,000 Ft

SILT FENCE JUNE 2025
EXCAVATION JULY 2025
UNDERGROUND UTILITIES JULY 2025
PAVEMENT CONSTRUCTION JULY–DECEMBER 2025
LANDSCAPING/RESTORATION APRIL 2026
CLEAR SILT/REMOVE EROSION CONTROL DEVICES APRIL 2026

JUNE 2025

APRIL 2026

6491 29 MILE RD. PARCEL 24-04-16-326-003
AREA TO BE DISTURBED = 0.28 ACRES +/- (TOTAL) PROJECT
CONSTRUCTION AREA

1. DURING DRY PERIODS, ALL DISTURBED AREAS SHALL BE WATERED DOWN FOR DUST CONTROL.
2. THE CONTRACTOR SHALL SWEEP THE EXISTING STREETS SURROUNDING THE PROJECT SITE ONCE A WEEK, OR AS DIRECTED BY THE ENGINEER OR INSPECTOR. STREET SCRAPING SHALL BE PERFORMED IN CONJUNCTION WITH THIS SWEEPING ON AN AS NEEDED BASIS.

DEWATERING IS NOT ANTICIPATED FOR THIS SITE.
STOCKPILING IS NOT ANTICIPATED FOR THIS SITE.

1. OBTAIN MACOMB COUNTY PUBLIC WORK SOIL EROSION PERMIT.
2. INSTALL SILT FENCE AND INLET FILTERS AT ALL EXISTING LOCATIONS AS SHOWN AND AS REQUIRED TO ACHIEVE ON-SITE CONTAINMENT.
3. INSTALL UNDERGROUND UTILITIES AND ALL ASSOCIATED IMPROVEMENTS AS SHOWN ON PLANS.
4. INSTALL PAVEMENT BACKFILL AND SEED & MULCH ALL DISTURBED AREAS.
5. CLEAR ALL ACCUMULATED SILT AND REMOVE ALL EROSION CONTROL DEVICES.
6. INSTALL LANDSCAPING MATERIALS AS INDICATED PER PLANS & RE-SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS.

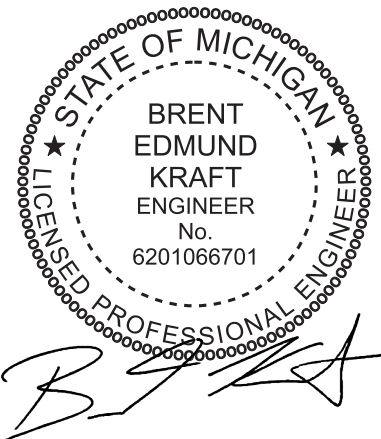
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