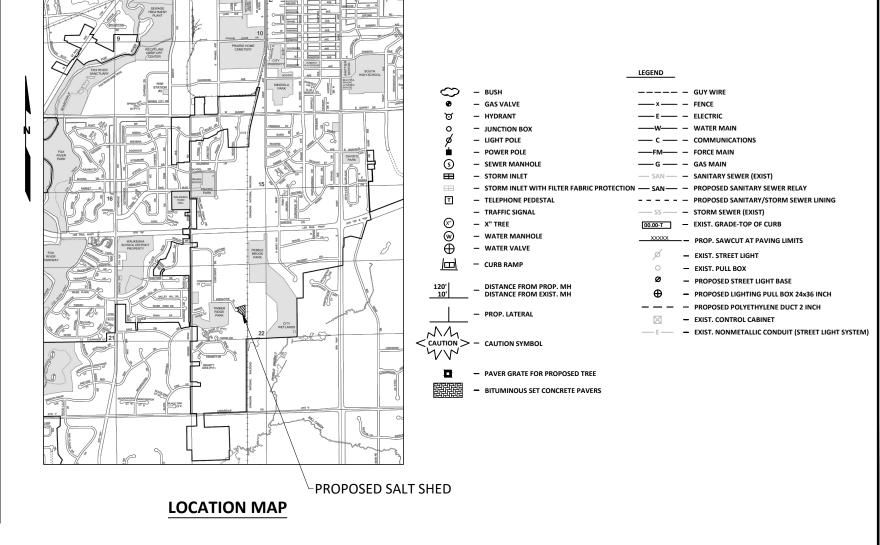
CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS SALT STORAGE SHED

WAUKESHA, WISCONSIN

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NOTE: LOCATION OF STRUCTURES AND OBSTACLES SHOWN SHALL NOT BE TAKEN AS CONCLUSIVE; VERIFICATION TO THE SATISFACTION OF THE **CONTRACTOR SHALL BE ASSUMED AS A** CONDITION OF THE CONTRACTOR'S BID.

NOTE: EROSION CONTROL MEASURES:

- 1. FOLLOW DNR APPROVED EROSION CONTROL PLAN.
- 2. REMOVE EXCESS SPOIL MATERIAL DAILY.
- 3. CLEAN SEDIMENT FROM STREET DAILY.
- 4. PROVIDE INLET PROTECTION PRIOR TO STARTING.
- 5. GEOTEXTILE BAG REQUIRED FOR DEWATERING.

CITY OF WAUKESHA SALT STORAGE SHED DEPARTMENT OF PUBLIC WORKS CITY OF WAUKESHA - DEPT OF PUBLIC WORKS SHEET NO. 1 OF 1 PLOT SCALE: 0.000234 PLOT DATE: 4/22/2020 11:20 AM

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LANDFILL CONSULTANT

FOTH INFRASTRUCTURE & ENVIRONMENT, LLC MICHELLE SPRUTH, PE (630) 368-3075 - OFFICE (847) 373-2727 - CELL

GENERAL NOTES

- 1. NO SHRUBS OR TREES ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER. WITHIN DRIP LINE OF TREES, EXCAVATION BEHIND THE BACK OF CURB IS LIMITED TO 1 FOOT. SEE TYPICAL FINISHED SECTIONS AND PLAN AND PROFILE SHEETS FOR LOCATIONS. CONTACT THE CITY OF WAUKESHA FORESTRY DEPARTMENT DAVE RAUTERBERG (262) 650-2545 FOR QUESTIONS REGARDING TREES ALONG STREETS.
- 2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
- 3. STATIONING, DISTANCES AND OFFSETS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LOCATIONS OF TREE GRATES, CONCRETE BASES, AND PVC CONDUIT FOR PROPOSED SIGNS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- 5. THE LOCATION OF SIDEWALK AND DRIVEWAY REMOVALS ARE APPROXIMATE. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD
- 6. THE LOCATIONS OF PAVEMENT BEHIND THE PROPOSED WALK THAT IS TO BE REMOVED ARE APPROXIMATE. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
- 7. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE AND ALL UTILITIES LISTED TO VERIFY UTILITY WORK STATUS PRIOR TO BIDDING.
- 8. FINAL LOCATION OF CURB RAMP OPENINGS, SIGNALS, LIGHTING BASES, HYDRANTS AND STORM SEWER INLETS TO BE VERIFIED BY FIELD ENGINEER PRIOR TO INSTALLATION.
- 9. THE PARKING LOT WILL BE CONSTRUCTED ON A CLOSED LANDFILL. DETAILS OF THE LANDFILL INFRASTRUCTURE IS PROVIDED IN THE NOVERMBER 2002 LANDFILL COVER AND GAS MANAGEMENT SYSTEM CONSTRUCTION DOCUMENTATION DRAWINGS (AS ATTACHED).

WE ENERGIES - ELECTRIC OUTAGE 800-662-4797

WE ENERGIES - GAS LEAK 800-261-5325



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www.DiggersHotline.com

CITY OF WAUKESHA

DEPARTMENT OF PUBLIC WORKS

DPW SALT SHED
GENERAL NOTES AND CONTACTS

______ DATE: ______ DRAWN BY: ______ JA
______ DATE: ______ CHECKED BY: _____

JAW PLOT SCALE : 1:1
PLOT DATE : 4/22/2020 11:21 AM

SHEET NO. 1 OF 1

PROJECT NO: 2020-SALT SHED

_| 1

GENERAL PROJECT INFORMATION

PROJECT LOCATION AND NARRATIVE

THE PROPOSED SITE IS CURRENTLY A VACANT VEGETATED FIELD. THE PLANNED RECONSTRUCTION PROJECTS INCLUDE REMOVAL AND STOCKPILING OF THE TOPSOIL, GRADING OF THE LOT TO PROPOSED ELEVATIONS, ERECTING THE PROPOSED BUILDINGS AND PAVING THE PROPOSED DRIVE ENTRANCE

THE SITE IS LOCATED IN THE SW 1/4 OF THE SE 1/4 OF SECTION 22, TOWN 6 NORTH, RANGE 19 EAST, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN.

THE CONTRACTOR AND OWNER ARE REQUIRED TO APPLY FOR A GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM WPDES PERMIT NO. WI-S067831-5 AT LEAST 14 DAYS PRIOR TO THE START OF THE WORK.

CONTRACTOR AND OWNER SHALL IDENTIFY A PERSON KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMPs WHO WILL OVERSEE THE IMPLEMENTATION OF

PROJECT AREAS

TOTAL PROJECT AREA = 0.95 ACRES TOTAL PROJECT SIZE (DISTURBED AREA) = 0.70 ACRES MINIMUM AREA REQUIRING WRAPP PERMIT = 1.0 ACRE

STORMWATER MANAGEMENT

SURFACE WATER MANAGEMENT MEASURES USED TO MEET PERMIT REQUIREMENTS:

☐ SITE EVALUATION ■ WET DETENTION POND ▼ VEGETATED SWALES RAIN GARDENS ■ BIORETENTION FOR INFILTRATION

☐ INFILTRATION BASIN

INFILTRATION VOLUME PROVIDED = 0 CF TOTAL SUSPENDED SOLIDS (TSS) REDUCTION = NOT CALCULATED

RECEIVING WATERS

SURFACE WATERS AND WETLANDS THAT WILL RECEIVE STORMWATER RUNOFF FROM THE SITE AND ARE WITHIN ONE (1) MILE OF THE SITE ARE INDICATED, IN ADDITION, IMPAIRED WATERS (STATE'S 303d LIST) WITHIN ONE (1) MILE OF THE SITE AND COULD BE RECEIVING RUNOFF FROM THE

NAME OF WATER BODY WETLANDS

TYPE OF IMPAIRMENT

OWNER(S) SHALL RETAIN THE FOLLOWING FOR THREE (3) YEARS AFTER SUBMITTAL OF THE NOTICE OF TERMINATION:

- 1). WRAPP
- 2). ANY OTHER PERMITS REQUIRED FOR THE PROJECT.
- 3). INSPECTION AND MAINTENANCE LOGS/REPORTS.
- 4). ALL PERMANENT OPERATION AND MAINTENANCE AGREEMENTS FOR SURFACE WATER FACILITIES.
- 5). ALL DESIGN CALCULATIONS FOR TEMPORARY AND PERMANENT STORM WATER MANAGEMENT.

EROSION CONTROL NOTES

FOR MORE EROSION CONTROL REQUIREMENTS, REFER TO CITY OF WAUKESHA STANDARD SPECIFICATION

CONTRACTOR TO OBTAIN APPLICABLE PERMITS.

THE CONTRACTOR SHALL USE PHASED CONSTRUCTION WHENEVER POSSIBLE OR PRACTICAL TO MINIMIZE DISTURBED AREAS.

POST DNR CERTIFICATE OF PERMIT COVERAGE ON-SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH THE WDNR.

KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.

SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE CITY AND WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.

THE CONTRACTOR AND THE RESPONSIBLE PARTY IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER.

KEEP INSPECTION REPORTS ON SITE AND MAKE THEM AVAILABLE UPON REQUEST.

INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

WHEN POSSIBLE, PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND

REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML

INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).

INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.

STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.

PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A WDNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.

PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING AND ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DF-WATERING #1061.

COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528), CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP #1063.

CONSTRUCT AND PROTECT THE BIOFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION #1004.

INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FORM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.

REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.

EROSION CONTROL NOTES CON'T

INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WONR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.

IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.

IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT. ANNUAL OATS, OR COLD ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.

STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.

SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF PROPERLY.

THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST **CONTROL ON CONSTRUCTION SITES #1068.**

PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS 9INCLUDING GARBAGE AND DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.

COORDINATE WITH THE CITY OF WAUKESHA TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES 9SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS OR COMPACTED EARTHEN BERMS).

FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, TYPE B, EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL): INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.

FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, TYPE B, EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL): INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL FROSION MAT #1053.

MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.

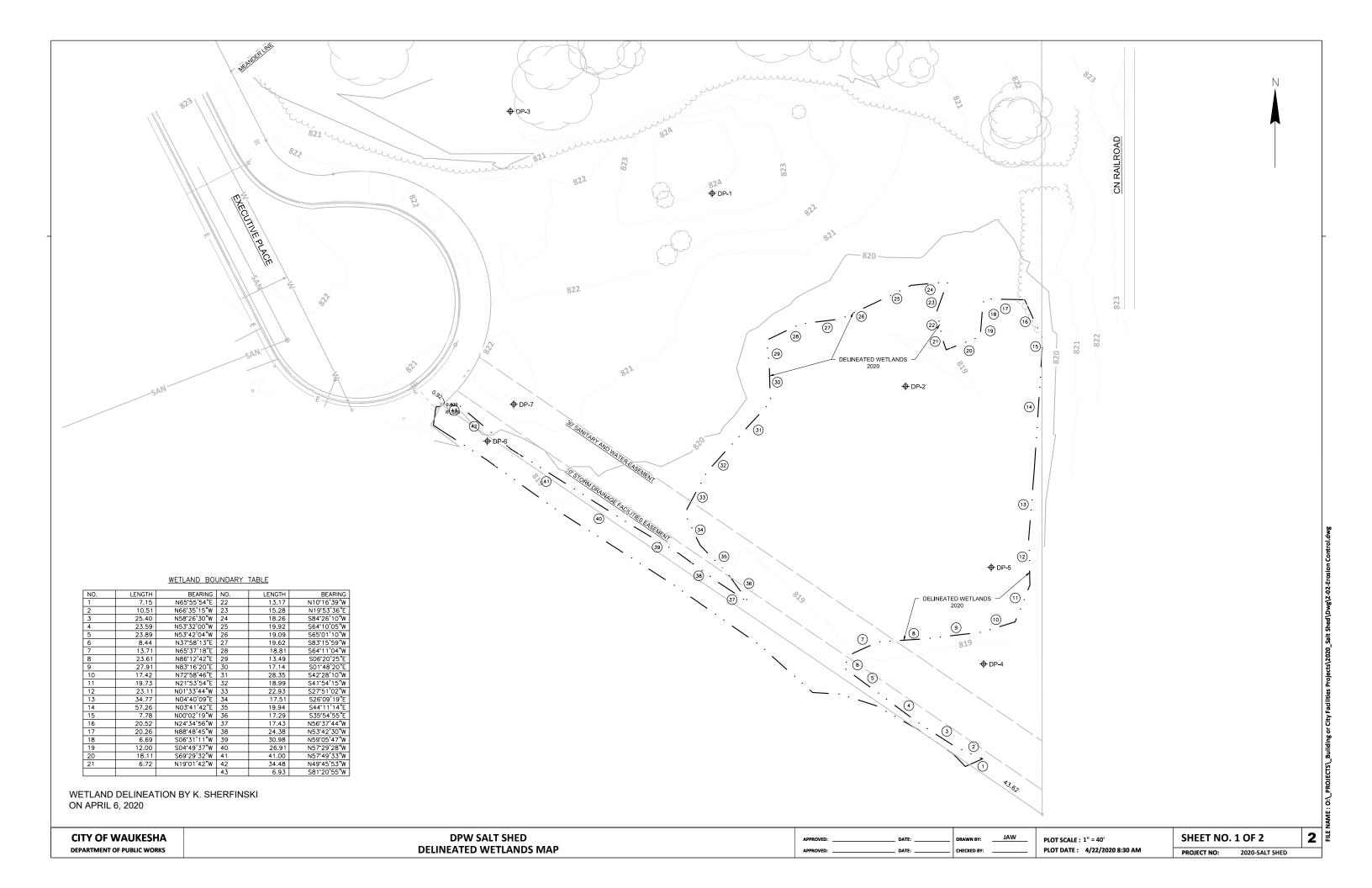
THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE.

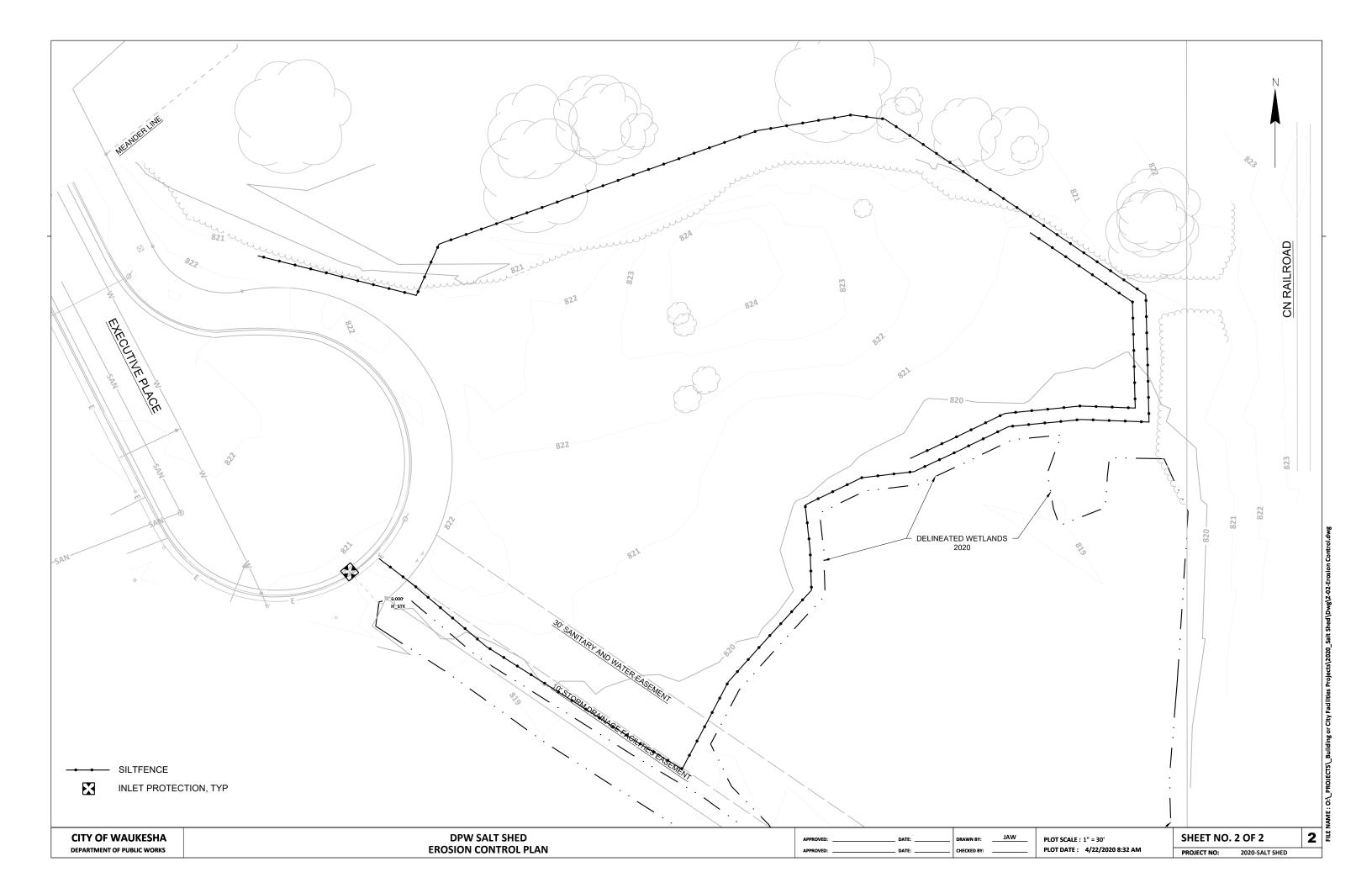
CONTRACTOR SHALL PROVIDE AND REFER TO THE SPILL PLAN DOCUMENT IF THERE IS A DISCHARGE OF SEDIMENT AND/OR OTHER CONTAMINANTS. A SPILL PLAN IS REQUIRED IF THERE IS POTENTIAL TO DISCHARGE CONTAMINANTS TO WATERS OF THE STATE.

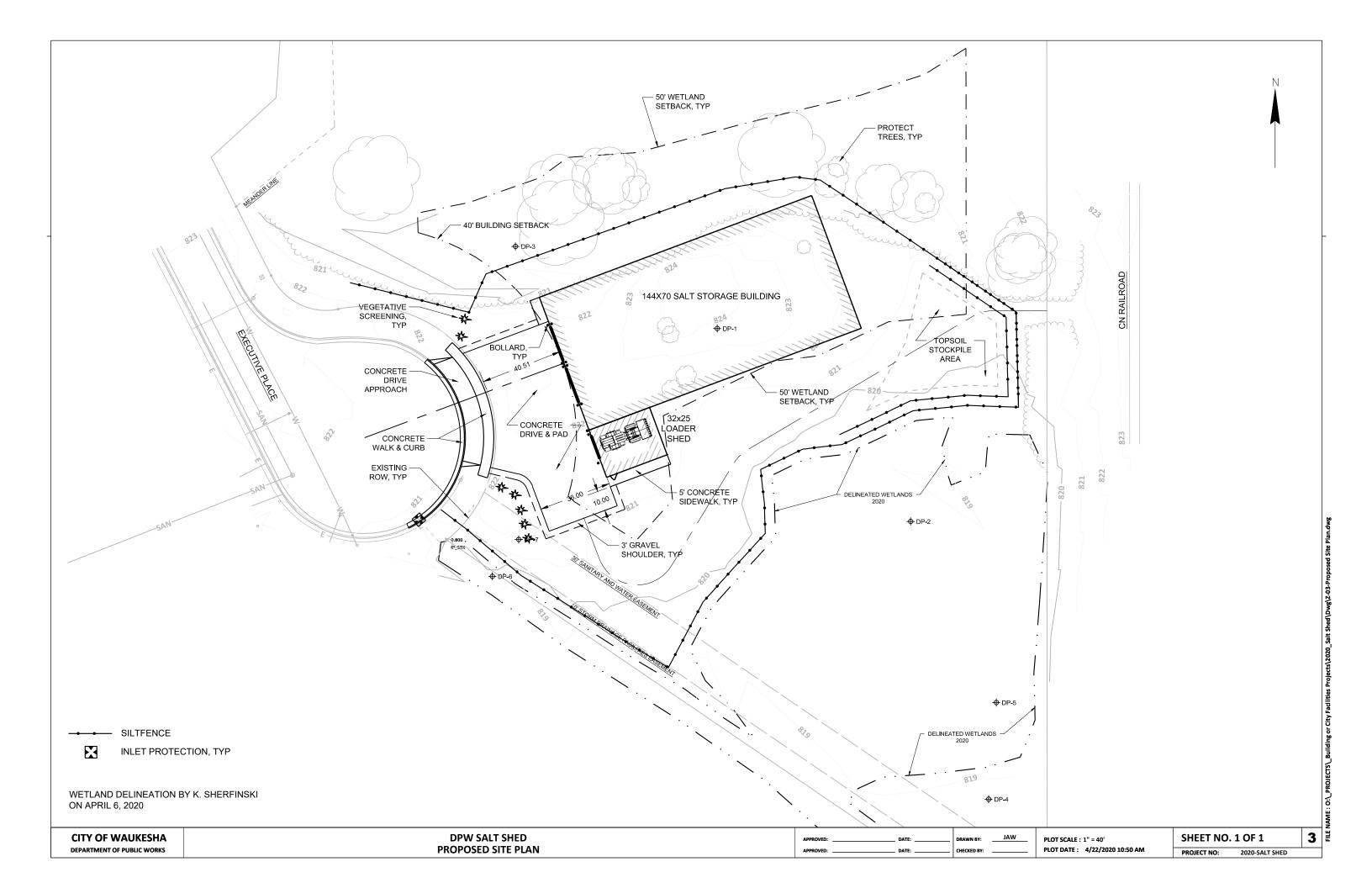
CONTRACTOR SHALL PROVIDE AND REFER TO THE FRAC OUT PLAN DOCUMENT IF AN INADVERTENT DISCHARGE OF DRILLING FLUIDS (FRAC OUT) OCCURS. A SPILL PLAN IS REQUIRED IF THERE IS A POTENTIAL TO DISCHARGE CONTAMINANTS TO WATERS OF THE STATE.

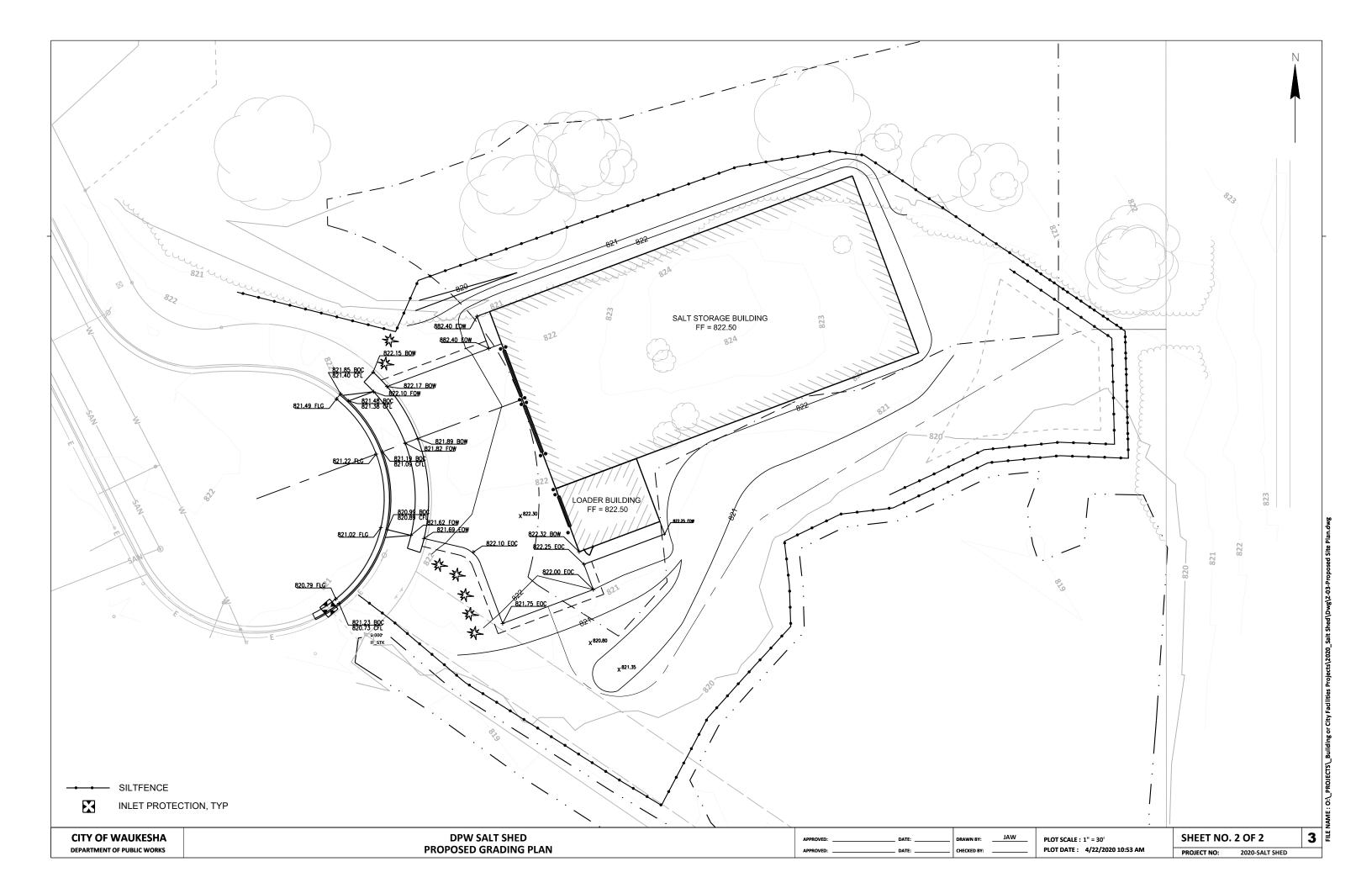
INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-F-11-006. REQUIRE USE BY ALL CONCRETE CONTRACTORS. LIQUID MAY BE REUSED IN CONCRETE MIXING, EVAPORATED, OR DISPOSED OF AS WASTEWATER.

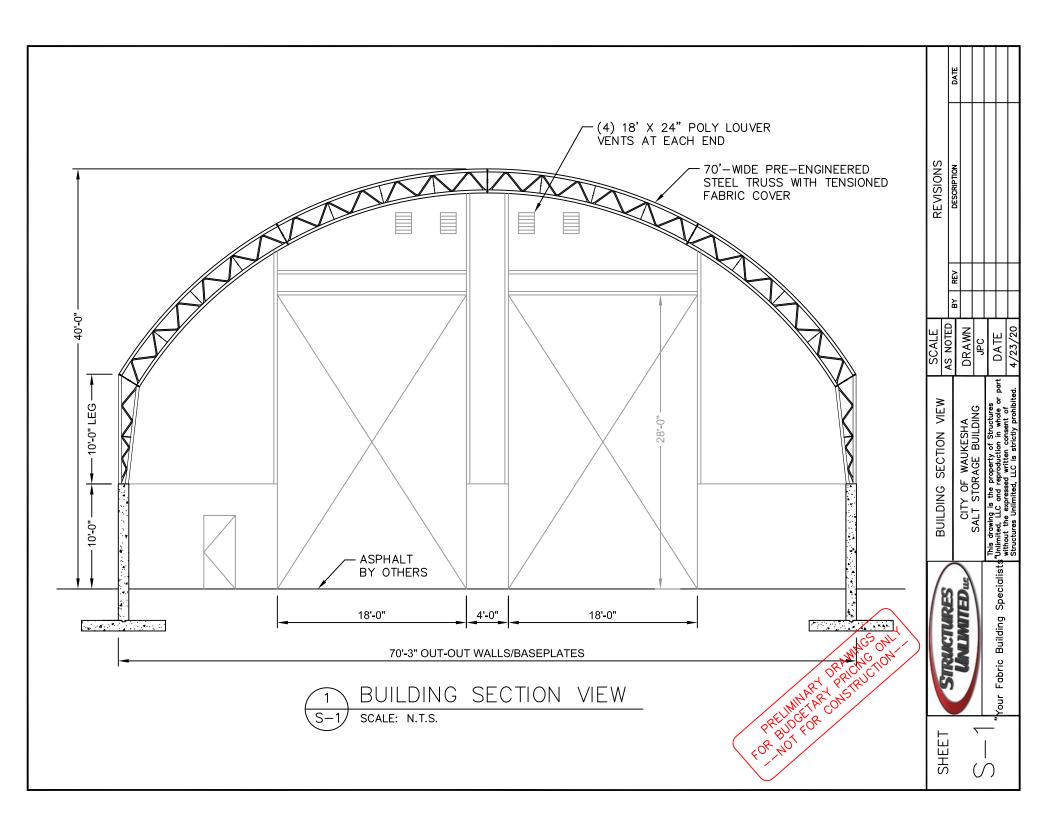
VEHICLE OR EQUIPMENT WASHING OR TEMPORARY MAINTENANCE AREAS MUST BE LIMITED TO A DEFINED AREA OF THE SITE. RUNOFF CONTAINING ANY HAZARDOUS WASTES MUST BE PROPERLY AND LAWFULLY COLLECTED AND DISPOSED OF, NO ENGINE DEGREASING IS ALLOWED ON THE SITE.

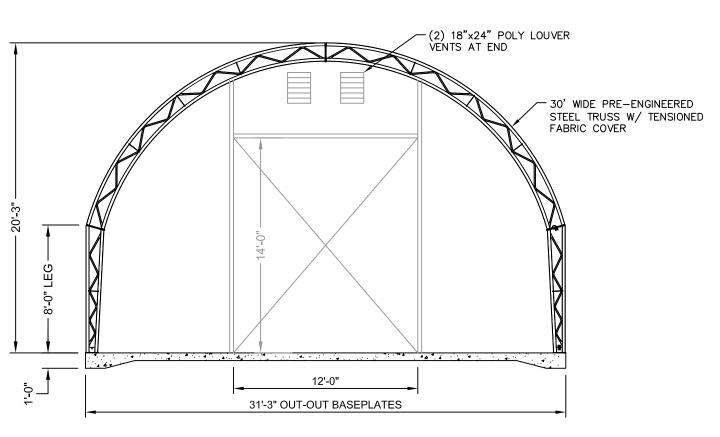












1 BUILDING SECTION VIEW S-1 SCALE: N.T.S.

FOR MOTEOR OR SENDER OF THE SOUTH

STRUCTURES

WALMITED AS CITY OF WAUKESHA SALT STORAGE BULDING

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