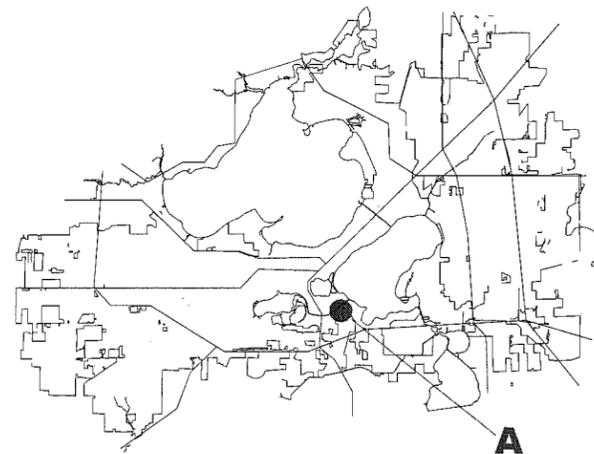


CITY OF MADISON

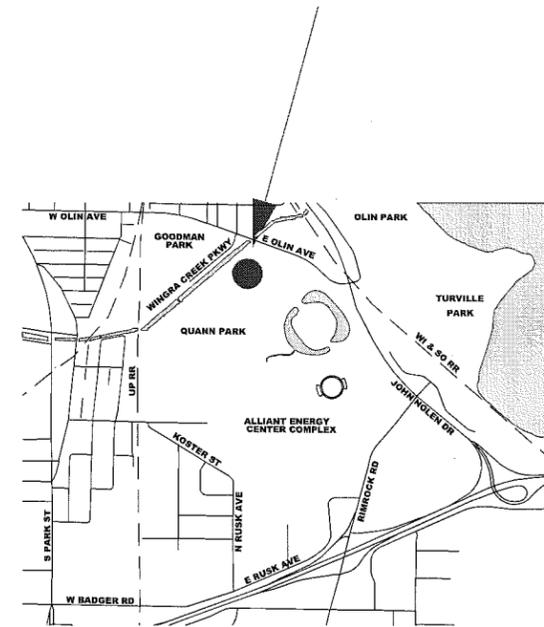
FACILITIES MANAGEMENT & SUSTAINABILITY
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT FOR
STORM SEWER AND TRENCH PATCHING AT WEST TRANSFER STATION

PROJECT NO 10457 CONTRACT NO 7911



GENERAL LOCATION MAP



**A. PROJECT LOCATION
WASTE TRANSFER STATION, 101 E. OLIN AVE**

SHEET INDEX

- SHEET 1 PROJECT COVER SHEET**
- SHEET 2 GENERAL SITE PLAN, EROSION CONTROL PLAN**
- SHEET 3 PROJECT SITE PLAN, CONCEPTUAL FLOOR PLAN**

**PUBLIC IMPROVEMENT
PROJECT APPROVED:**

RESOLUTION: 16-00472

FILE ID: 43192

DATED: JUNE 23, 2016

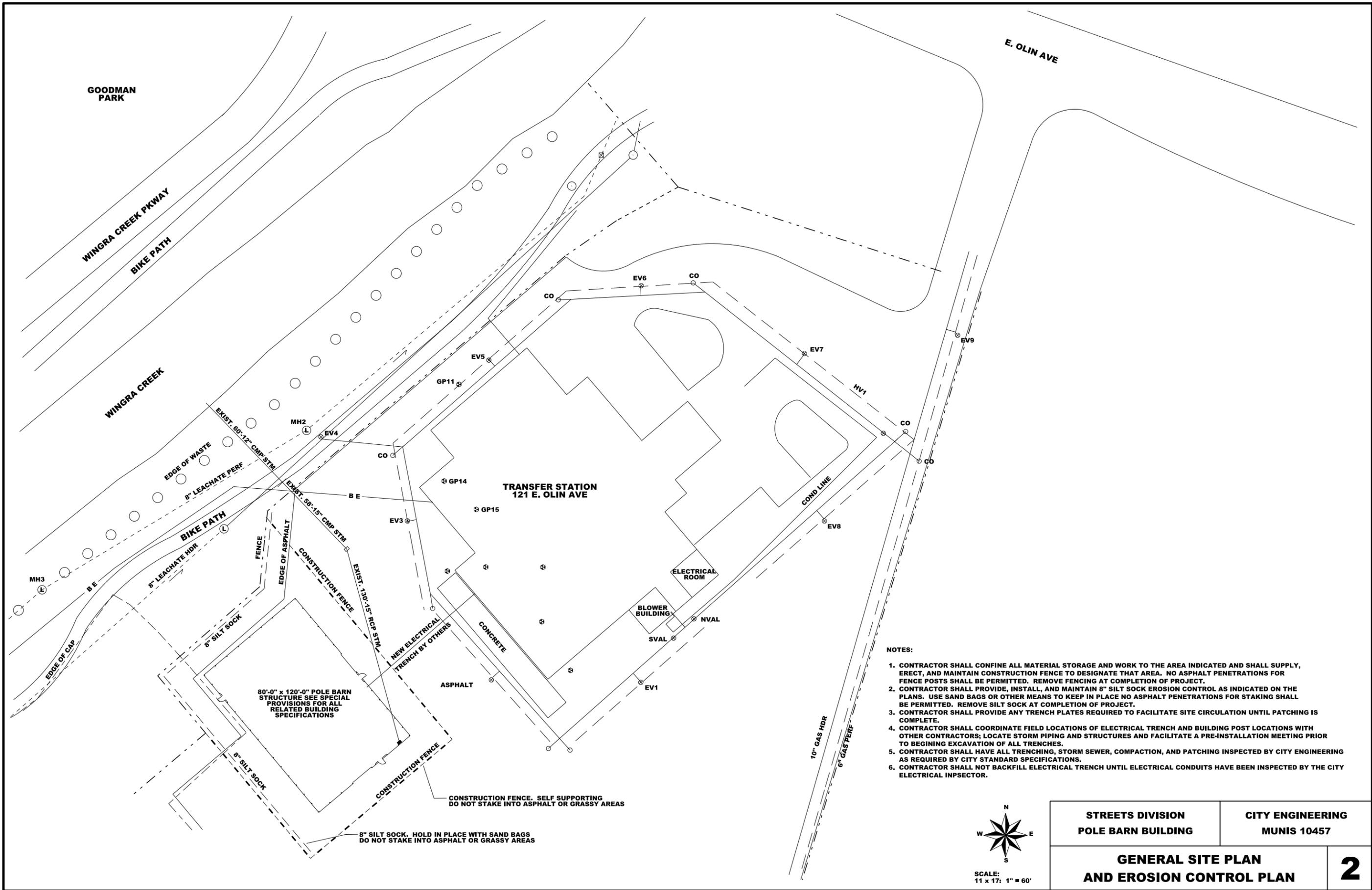
**BY THE COMMON COUNCIL
OF MADISON, WISCONSIN**

**PUBLIC IMPROVEMENT DESIGN
APPROVED BY:**

CITY ENGINEER

2-3-17

DATE



E. OLIN AVE

GOODMAN PARK

WINGRA CREEK PKWAY
BIKE PATH

WINGRA CREEK

EDGE OF WASTE
8" LEACHATE PERF
EXIST. 60'-12" CMP STM

BIKE PATH
8" LEACHATE HDR

FENCE

EDGE OF ASPHALT

EXIST. 58'-15" CMP STM

CONSTRUCTION FENCE

EXIST. 130'-18" RCP STM

NEW ELECTRICAL
TRENCH BY OTHERS

CONCRETE

ASPHALT

CONCRETE

ELECTRICAL ROOM

BLOWER BUILDING

SVAL

NVAL

EV1

10" GAS HDR
6" GAS PERF

GP14
GP15

GP11

MH2

MH3

EV4

EV3

EV5

EV6

EV7

EV9

HV1

COND LINE

NOTES:

1. CONTRACTOR SHALL CONFINE ALL MATERIAL STORAGE AND WORK TO THE AREA INDICATED AND SHALL SUPPLY, ERECT, AND MAINTAIN CONSTRUCTION FENCE TO DESIGNATE THAT AREA. NO ASPHALT PENETRATIONS FOR FENCE POSTS SHALL BE PERMITTED. REMOVE FENCING AT COMPLETION OF PROJECT.
2. CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN 8" SILT SOCK EROSION CONTROL AS INDICATED ON THE PLANS. USE SAND BAGS OR OTHER MEANS TO KEEP IN PLACE NO ASPHALT PENETRATIONS FOR STAKING SHALL BE PERMITTED. REMOVE SILT SOCK AT COMPLETION OF PROJECT.
3. CONTRACTOR SHALL PROVIDE ANY TRENCH PLATES REQUIRED TO FACILITATE SITE CIRCULATION UNTIL PATCHING IS COMPLETE.
4. CONTRACTOR SHALL COORDINATE FIELD LOCATIONS OF ELECTRICAL TRENCH AND BUILDING POST LOCATIONS WITH OTHER CONTRACTORS; LOCATE STORM PIPING AND STRUCTURES AND FACILITATE A PRE-INSTALLATION MEETING PRIOR TO BEGINING EXCAVATION OF ALL TRENCHES.
5. CONTRACTOR SHALL HAVE ALL TRENCHING, STORM SEWER, COMPACTION, AND PATCHING INSPECTED BY CITY ENGINEERING AS REQUIRED BY CITY STANDARD SPECIFICATIONS.
6. CONTRACTOR SHALL NOT BACKFILL ELECTRICAL TRENCH UNTIL ELECTRICAL CONDUITS HAVE BEEN INSPECTED BY THE CITY ELECTRICAL INPSECTOR.



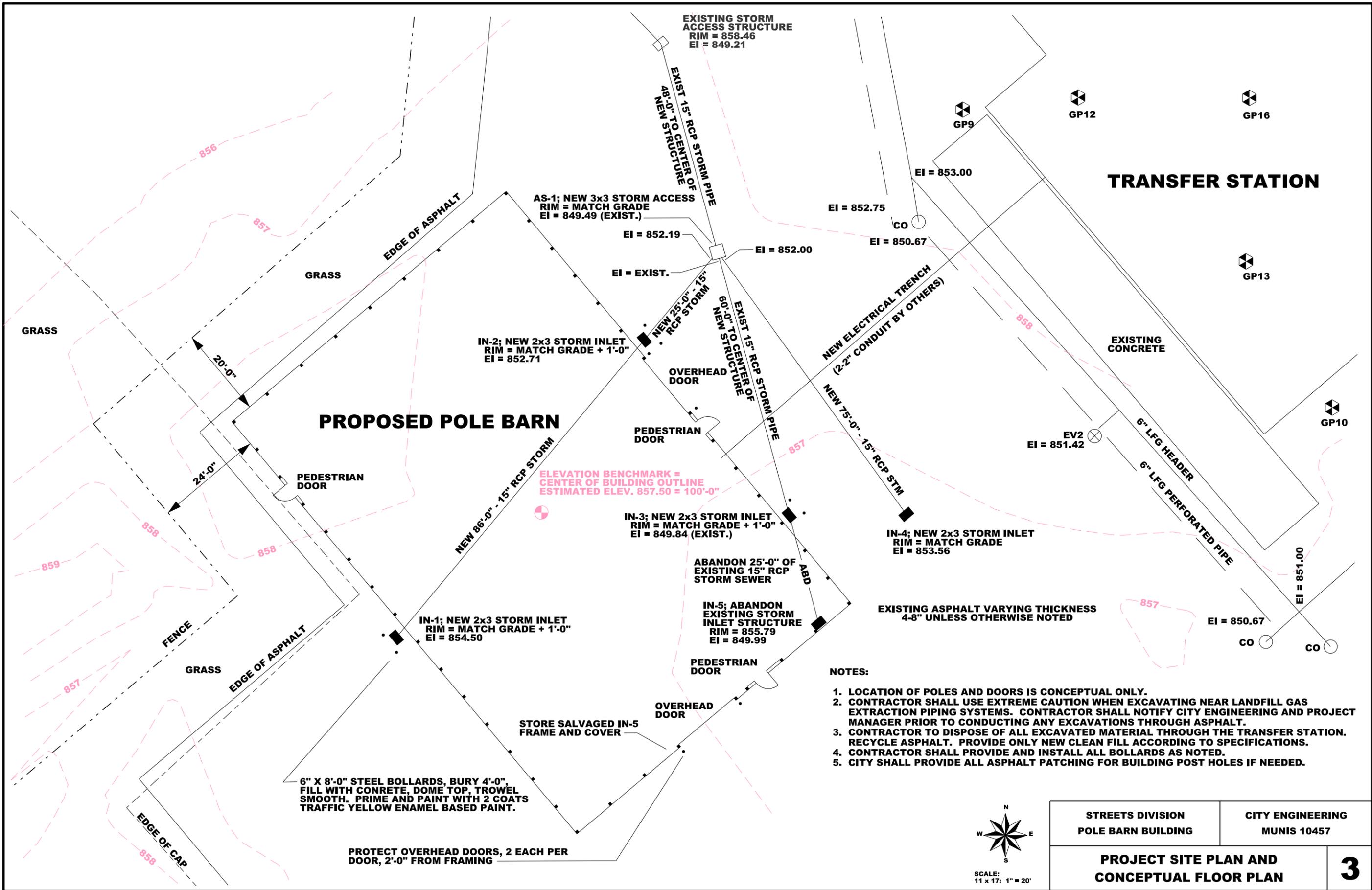
SCALE:
11 x 17: 1" = 60'

STREETS DIVISION
POLE BARN BUILDING

CITY ENGINEERING
MUNIS 10457

GENERAL SITE PLAN
AND EROSION CONTROL PLAN

2



EXISTING STORM
ACCESS STRUCTURE
RIM = 858.46
EI = 849.21

TRANSFER STATION

PROPOSED POLE BARN

AS-1; NEW 3x3 STORM ACCESS
RIM = MATCH GRADE
EI = 849.49 (EXIST.)

IN-2; NEW 2x3 STORM INLET
RIM = MATCH GRADE + 1'-0"
EI = 852.71

IN-3; NEW 2x3 STORM INLET
RIM = MATCH GRADE + 1'-0"
EI = 849.84 (EXIST.)

IN-1; NEW 2x3 STORM INLET
RIM = MATCH GRADE + 1'-0"
EI = 854.50

IN-5; ABANDON
EXISTING STORM
INLET STRUCTURE
RIM = 855.79
EI = 849.99

IN-4; NEW 2x3 STORM INLET
RIM = MATCH GRADE
EI = 853.56

ELEVATION BENCHMARK =
CENTER OF BUILDING OUTLINE
ESTIMATED ELEV. 857.50 = 100'-0"

NOTES:

1. LOCATION OF POLES AND DOORS IS CONCEPTUAL ONLY.
2. CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING NEAR LANDFILL GAS EXTRACTION PIPING SYSTEMS. CONTRACTOR SHALL NOTIFY CITY ENGINEERING AND PROJECT MANAGER PRIOR TO CONDUCTING ANY EXCAVATIONS THROUGH ASPHALT.
3. CONTRACTOR TO DISPOSE OF ALL EXCAVATED MATERIAL THROUGH THE TRANSFER STATION. RECYCLE ASPHALT. PROVIDE ONLY NEW CLEAN FILL ACCORDING TO SPECIFICATIONS.
4. CONTRACTOR SHALL PROVIDE AND INSTALL ALL BOLLARDS AS NOTED.
5. CITY SHALL PROVIDE ALL ASPHALT PATCHING FOR BUILDING POST HOLES IF NEEDED.

6" X 8'-0" STEEL BOLLARDS, BURY 4'-0"
FILL WITH CONCRETE, DOME TOP, TROWEL
SMOOTH. PRIME AND PAINT WITH 2 COATS
TRAFFIC YELLOW ENAMEL BASED PAINT.

PROTECT OVERHEAD DOORS, 2 EACH PER
DOOR, 2'-0" FROM FRAMING



SCALE:
11 x 17: 1" = 20'

STREETS DIVISION POLE BARN BUILDING	CITY ENGINEERING MUNIS 10457
PROJECT SITE PLAN AND CONCEPTUAL FLOOR PLAN	
3	