Appendix E. Engineering Drawings
(Part 4 of 10)
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SOUTH HAMMOND SITE KEYPLAN
SOUTH HAMMOND SITE KEYPLAN
SOUTH HAMMOND SITE KEYPLAN

SITE PLAN 01
SITE PLAN 02
SITE PLAN 03
SITE PLAN 04

2040 Future Supply

SCALE: 1" = 100'
GENERAL IMPROVEMENT NOTES
1. UTILITIES SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION.
2. DIMENSIONS ARE TAKEN FROM THE FACE OF CURB
3. ALL AREAS DISTURBED, NOT BUILT, PAVED OR COVERED WITH CONSTRUCTION, SHALL BE
   COVERED WITH A PERMANENT TYPE TURFGRASS.
4. NOT ALL KEY NOTES USED ON EVERY SHEET.

SOUTH HAMMOND SITE PLAN

SCALE: 1" = 40'
GENERAL IMPROVEMENT NOTES

1. UTILITIES SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION.
2. DIMENSIONS ARE TAKEN FROM THE FACE OF CURBS, PRIOR TO CONSTRUCTION.
3. UTILITIES SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION.
4. NOT ALL KEY NOTES USED ON EVERY SHEET.

SITE IMPROVEMENT KEY

1. ASPHALT PAVEMENT, TYPE 1
2. ASPHALT PAVEMENT, TYPE 2
3. CONCRETE PAVEMENT, TYPE 1
4. CONCRETE PAVEMENT, TYPE 2
5. ACCESSIBLE PARKING PAVEMENT MARKING
6. CONCRETE CURB
7. OUTDOOR WASTE RECEPTACLE
8. OUTDOOR BENCH
9. ACCESSIBLE PARKING POST SIGN
10. DECORATIVE CONCRETE PAVEMENT
11. BOLLARD
12. CONCRETE PARKING BLOCK
13. CONCRETE CURB TURNOUT
14. PAVEMENT MARKING - 4"
15. PAVEMENT MARKING HATCH - 4" @ 3' O.C., 45°
16. DECORATIVE PICKET FENCE
17. LOUVERED SCREEN ENCLOSURE
18. DUMPSTER
19. LOUVERED SCREEN GATE
20. UTILITY
21. COMPACTED AGGREGATE STORAGE
22. BALLAST (REFER TO TRACK DRAWINGS)
23. BICYCLE RACK
24. OUTDOOR TABLE WITH SEATING
25. CONCRETE CURB TURNOUT
26. ACCESSIBLE CURB RAMPS
27. LOUVERED SCREEN PLANTER
28. DECORATIVE CONCRETE SEATWALL PLANTER

LANDSCAPE PLANTING LEGEND

1. DECIDUOUS SHADE TREE
2. DECIDUOUS ORNAMENTAL TREE
3. EVERGREEN ORNAMENTAL TREE
4. SHRUB / PERENNIAL
5. HARDY/GARDEN FORB SEEDING
6. NATIVE GRASS/GARDEN FORB SEEDING
7. TURFGRASS SEEDING
8. NATIVE GRASS/FORB SEEDING

48 Spaces at 10'-0"
GENERAL IMPROVEMENT NOTES

1. Utilize shown, or appropriate, fields verify prior to construction.
2. Dimensions are taken from the face of curbs, with 1/4" = 1'-0" unless otherwise noted.
3. All areas depicted, not built, paved or covered by construction, shall be seeded with a permanent type turfgrass.
4. Not all key notes used on every sheet.

SITE IMPROVEMENT KEY

1. ACCESSIBLE PARKING POST SIGN
2. ACCESSIBLE PARKING PAVEMENT MARKING
3. ASPHALT PAVEMENT, TYPE 1
4. ASPHALT PAVEMENT, TYPE 2
5. ASPHALT PAVEMENT, TYPE 3
6. CONCRETE CURB
7. CONCRETE PARKING BLOCK
8. OUTDOOR WASTE RECEPTACLE
9. OUTDOOR BENCH
10. LOUVERED SCREEN ENCLOSURE
11. DECORATIVE PICKET FENCE
12. BALLAST (REFER TO TRACK DRAWINGS)
13. CONCRETE PAVEMENT, TYPE 1
14. CONCRETE PAVEMENT, TYPE 2
15. PAVEMENT MARKING HATCH - 4" @ 3' O.C., 45°
16. PAVEMENT MARKING CROSSWALK - 24" W, 8' L, @ 4' O.C.
17. DECORATIVE PICKET FENCE
18. DUMPSTER
19. UTILITY
20. COMPACTED AGGREGATE STORAGE
21. BALLAST (REFER TO TRACK DRAWINGS)
22. BALLAST (REFER TO TRACK DRAWINGS)
23. OUTDOOR TABLE WITH SEATING
24. CONCRETE CURB TURNOUT
25. ACCESSIBLE CURB RAMPS
26. LOUVERED SCREEN GATE

SCALE: 1" = 40'-0"

LANDSCAPE PLANTING LEGEND

- DECIDUOUS SHADE TREE
- DECIDUOUS ORNAMENTAL TREE
- EVERGREEN TREE
- SHRUB / PERENNIAL
- INFILTRATION TURFGRASS SEEDING
- NATIVE GRASS / FORB SEEDING
- SEEDED WITH A PERMANENT TYPE TURFGRASS
- OTHERWISE COVERED BY CONSTRUCTION, SHALL BE
- WALLS AND OR BUILDINGS UNLESS OTHERWISE NOTED.
- PRIOR TO CONSTRUCTION.
General Improvement Notes:
1. All dimensions shown are approximate; field verify prior to construction.
2. Dimensions are taken from the face of curbs, walls, property lines, or other reference points.
3. All areas disturbed, not built, paved or covered during construction shall be seeded with a permanent type turfgrass.
4. Not all key notes listed on every sheet.

Site Improvement Key:
- CONCRETE PAVEMENT, TYPE 1
- ASPHALT PAVEMENT, TYPE 2
- ACCESSIBLE PARKING POST SIGN
- ACCESSIBLE PARKING PAVEMENT MARKING
- ACCESSIBLE CURB RAMP
- CONCRETE CURB TURNOUT
- UTILITY
- DUMPSTER
- LOUVERED SCREEN ENCLOSURE
- LOUVERED SCREEN GATE
- BACK TO TRAIN CROSSING
- BICYCLE RACK
- BALLAST (REFER TO TRACK DRAWINGS)
- COMPACTED AGGREGATE STORAGE
- DECORATIVE PICKET FENCE
- DECORATIVE CONCRETE PAVEMENT
- PAINTED PAVEMENT - 4" @ 3' O.C., 45°
- PAINTED PAVEMENT - 4" @ 4' O.C.
- PAINTED PARKING BUMPER
- PAINTED PARKING BUMPER - F 1/4" @ 4' O.C.
- PAINTED PARKING BLOCK
- PAINTED PARKING BLOCK - 1/4" @ 4' O.C.
- PAINTED PARKING BUMPERS
- PAINTED PAVEMENT CROSSWALK - 24" W, 8' L
- PAINTED PAVEMENT CROSSWALK - 24" W, 9' L
- PAINTED PAVEMENT CROSSWALK - 24" W, 10' L
- PAINTED PAVEMENT HATCH
- PAINTED PAVEMENT MARKING - 4"
- LID FOR 4" PIPE
- LID FOR 6" PIPE
- PAVEMENT MARKING CROSSWALK - 24" W, 8' L, @ 4' O.C.
- PAVEMENT MARKING HATCH - 4" @ 3' O.C.
- PAVEMENT MARKING - 4" @ 4' O.C.
- PAVEMENT MARKING CROSSWALK - 24" W, 9' L
- PAVEMENT MARKING CROSSWALK - 24" W, 10' L
- PAVEMENT MARKING HATCH - 4" @ 3' O.C., 45°
- PAVEMENT MARKING - 4"
- PAVEMENT MARKING CROSSWALK - 24" W, 10' L
- PAINTED PAVEMENT HATCH
- CONCRETE PAVEMENT - 12" G.C.
- ASPHALT PAVEMENT, TYPE 1
- ASPHALT PAVEMENT, TYPE 2
- CONCRETE PAVEMENT, TYPE 1
- CONCRETE PAVEMENT, TYPE 2
- CONCRETE PARKING BLOCK
- DUMPSTER
- OUTDOOR WASTE RECEPTACLE
- OUTDOOR BENCH
- CONCRETE CURB
- DECORATIVE CONCRETE PAVEMENT
- ACCESSIBLE PARKING PAVEMENT MARKING
- ACCESSIBLE PARKING MARKING
- ACCESSIBLE PARKING CURB RAMP
- LOUVERED SCREEN ENCLOSURE
- LOUVERED SCREEN GATE
- BACK TO TRAIN CROSSING
- BALLAST (REFER TO TRACK DRAWINGS)
- COMPACTED AGGREGATE STORAGE
- DECORATIVE PICKET FENCE
- DECORATIVE CONCRETE PAVEMENT
- PAINTED PAVEMENT - 4" @ 3' O.C., 45°
- PAINTED PAVEMENT - 4" @ 4' O.C.
- PAINTED PARKING BUMPER
- PAINTED PARKING BUMPER - 1/4" @ 4' O.C.
- PAINTED PARKING BUMPER - 1/4" @ 4' O.C.
- PAINTED PARKING BUMPER
- PAINTED PAVEMENT CROSSWALK - 24" W, 8' L
- PAINTED PAVEMENT CROSSWALK - 24" W, 9' L
- PAINTED PAVEMENT CROSSWALK - 24" W, 10' L
- PAINTED PAVEMENT HATCH
- PAINTED PAVEMENT MARKING - 4"
- LID FOR 4" PIPE
- LID FOR 6" PIPE
- PAVEMENT MARKING CROSSWALK - 24" W, 8' L, @ 4' O.C.
- PAVEMENT MARKING HATCH - 4" @ 3' O.C.
- PAVEMENT MARKING - 4" @ 4' O.C.
- PAVEMENT MARKING CROSSWALK - 24" W, 9' L
- PAVEMENT MARKING CROSSWALK - 24" W, 10' L
- PAVEMENT MARKING HATCH - 4" @ 3' O.C., 45°
- PAVEMENT MARKING - 4"
- PAVEMENT MARKING CROSSWALK - 24" W, 10' L
- PAINTED PAVEMENT HATCH
- CONCRETE PAVEMENT - 12" G.C.
GENERAL GRADING/DRAINAGE NOTES

A. PROPOSED GRADES AND SLOPES SHALL MATCH EXISTING GRADES AND SLOPES AT CONSTRUCTION LIMITS OR AS SHOWN ON DRAWING.

B. UTILITIES AND UNDERGROUND OBSTACLES SHOWN ARE APPROXIMATE. FURTHER VERIFICATION OR ADDITIONAL INFORMATION MAY BE OBTAINED FROM THE UTILITY OWNERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES ENCOUNTERED DURING CONSTRUCTION.

C. PROPOSED FINISHED GRADES SHALL PROVIDE FOR BOTH GRADANCES AND SLOPES.

D. NO OPEN TRENCHES WILL BE ALLOWED IN THE DRAWING AREA AFTER DAILY CONSTRUCTION OPERATIONS. CONTRACTOR TO PROVIDE CONSTRUCTION TRENCHING AREA FOR PUBLIC SAFETY.

E. CONTRACTOR SHALL FILL CONSTRUCTION TRENCHES WHICH MAY OCCUR THROUGH NEGLECT OR INSTRUCTION. PLANTS AND TRENCH MATERIALS TO BE LEFT FREE OF EARTHWORK AND/OR UTILITY ACTIVITIES.

F. CONTRACTOR TO PROVIDE UTILITY LOCATION PRIOR TO COMMENCEMENT OF EARTHWORK AND/OR UTILITY ACTIVITIES.

G. NO DAMAGE TO OBSTRUCTIONS AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION.

H. PROPOSED FINISHED GRADES SHALL PROVIDE FOR POSITIVE DRAINAGE TO A DRAINAGE STRUCTURE OR DETENTION POND.

I. RELATIVE SPOT ELEVATIONS SHOWN ARE APPROXIMATE, FIELD VERIFIED.

J. LANDSCAPING, PLANTING AND PAVING ARE NOT SHOWN.

K. CONTRACTOR TO PROVIDE DAILY MEDICAL, ORTHOPEDIC, AND TOILET FACILITIES.
**GENERAL GRADING/Drainage Notes:**

A. Proposed Grades and slopes shall match existing grades and slopes at construction limits or as shown on plans. It is the Contractor's responsibility to verify location prior to commencement of earthwork. Minor utility conflicts, however, may be allowed as long as any damage to existing facilities is not evident. UniGeneral grading should be completed prior to any grading for new utilities.

B. No open trenches will be allowed in the sewer area for construction or maintenance of any kind. Contractor shall provide fencing around any trenching area for public safety.

C. No open trenches will be allowed in the sewer area for construction or maintenance of any kind. Contractor shall provide fencing around any trenching area for public safety.

D. Contractor shall provide fencing around any trenching area for public safety. Contractor shall also provide even evening after daily construction operations. Contractor to provide fencing around any trenching area for public safety.

E. Contractor shall fill low/Depressional areas with Borrow material. Contractor shall also provide even evening after daily construction operations. Contractor to provide fencing around any trenching area for public safety.

**SOUTH HAMMOND GRADING PLAN**

Scale: 1"=40'-0"

**GRADING LEGEND**

- New Drainage Pipe
- New Drainage Trunk
- New Drainage End Section
- New Drainage Manhole

**Trench Access Road (See C4)**
GENERAL UTILITY NOTES

A. Utilities shown are approximate. Field survey is preferred.
B. No damage to utilities shall be allowed during construction.
C. No open trenches will be allowed in the project area. Contractor is responsible for maintaining utilities.
D. All water main shall be installed in accordance with the requirements of the City of Hammond Water Department.
E. No water main shall be installed in the vicinity of proposed sewer line.
F. All proposed sewer line shall be in accordance with the requirements of the City of Hammond Sewer Department.
G. All water main shall be in accordance with the requirements of the City of Hammond Water Department.
H. All proposed sewer line shall be in accordance with the requirements of the City of Hammond Sewer Department.
I. All proposed sewer line shall be in accordance with the requirements of the City of Hammond Sewer Department.
J. All proposed sewer line shall be in accordance with the requirements of the City of Hammond Sewer Department.

UTILITY LEGEND

- New Water Main
- New Gas Main
- New Sanitary Sewer
- Dr. Water Main
- Ex. Sanitary Sewer
- Ex. Gas Main

NO WATER OR SANITARY SEWER LOCATED IN THIS AREA.

No Water or Sanitary Sewer located in this Area.

SOUTH HAMMOND UTILITY PLAN
Scale: 1"=40'

Matchline Sheet Utility Plan 02

2040 Future Supply

Proposed Storm Sewer
See Grading Plan

NOT FOR CONSTRUCTION

SOUTH HAMMOND UTILITY PLAN
FACILITY

DYER TO HAMMOND, INDIANA

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
33 East Highway 12
Chesapeake, Indiana 46304

HDR Engineering, Inc.
2211 E. Jefferson Boulevard
South Bend, IN 46615

DATE: 7/19/2017
PLOT DATE: 11:17:12 PM

www.hdrinc.com
Chicago, IL 60631
8550 W Bryn Mawr Ave., Suite 900

SCALE: 1" = 40'

0' 20' 40'
GENERAL UTILITY NOTES
A. UTILITIES SHOWN ARE APPROXIMATE. FIELD VERIFICATION PRIOR TO CONSTRUCTION IS REQUIRED. DEVIATIONS FROM PLAN ARE ACCEPTABLE AS LONG AS THEY DO NOT PENETRATE INTO THE RIGHT OF WAY AND DO NOT IMPAIR THE USE OF THE PUBLIC. A NOTICEDanner shall be provided prior to starting any excavation or work involving utilities.
B. COORDINATE ALL UTILITY CONNECTIONS WITH THE APPLICABLE CITY AGENCY AT LEAST 14 HOURS IN ADVANCE PRIOR TO EXCAVATION.
C. NO OPEN TRENCHES WILL BE ALLOWED IN THE STREET AREA. CONSTRUCTION TO INCLUDE DRAINAGE, BRACING, SUPPORT, SHORING AND TRENCHING AREAS FOR PUBLIC SAFETY.
D. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITY LINES DURING CONSTRUCTION. DRAINAGE, BRACING, SUPPORT, SHORING AND TRENCHING AREAS FOR PUBLIC SAFETY.
E. ALL WATER MAINS SHALL BE INSTALLED A MINIMUM OF 5 FEET BELOW PROPOSED GRADE UNLESS OTHERWISE NOTED.
F. CONTRACTOR SHALL COORDINATE WITH THE CITY OF HAMMOND WATER DEPARTMENT FOR CONNECTION TO THE EXISTING WATER SERVICE.
G. CONTRACTOR SHALL COORDINATE WITH THE CITY OF HAMMOND SEWER DEPARTMENT FOR CONNECTION TO THE EXISTING SANITARY SEWER.
H. MAIN ENCOUNTERED DURING CONSTRUCTION SHALL BE DEFLECTED ALONG THE CURVE OF THE ROADWAY TO PREVENT DAMAGE TO UTILITY LINES.
I. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OBSTRUCTIONS AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION.
J. GAS MAIN INSTALLATION AND CONNECTION SHALL BE COORDINATED WITH NIPSCO.
K. TRENCHING AREA FOR PUBLIC SAFETY.
L. CONSTRUCTION FENCING AROUND ANY OPERATIONS. CONTRACTOR TO PROVIDE EVENING AFTER DAILY CONSTRUCTION HOURS IN ADVANCE PRIOR TO EXCAVATING.
M. NO OPEN TRENCHES WILL BE ALLOWED IN THE STREET AREA. CONSTRUCTION TO INCLUDE DRAINAGE, BRACING, SUPPORT, SHORING AND TRENCHING AREAS FOR PUBLIC SAFETY.
N. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITY LINES DURING CONSTRUCTION. DRAINAGE, BRACING, SUPPORT, SHORING AND TRENCHING AREAS FOR PUBLIC SAFETY.
O. ALL WATER MAINS SHALL BE INSTALLED A MINIMUM OF 5 FEET BELOW PROPOSED GRADE UNLESS OTHERWISE NOTED.

UTILITY LEGEND
- New Water Main
- New Sanitary Sewer
- Ex. Water Main
- Ex. Sanitary Sewer
- Proposed Storm Sewer
- Sea Grading Plan
- No Water or Sanitary Sewer located in this Area.

SOUTH HAMMOND UTILITY PLAN
Scale: 1"=40'-0"
GENERAL UTILITY NOTES

A. All work shall be performed in accordance with contract requirements. The Contractor shall be responsible for ensuring that all work is done in a manner that will minimize damage to existing utilities. The Contractor shall notify the City of Hammond Water Department and the City of Hammond Sewer Department of any conflicts with existing utilities.

B. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

C. All work shall be done in the City of Hammond Sewer Department's right-of-way.

D. The Contractor shall maintain all disturbed areas and shall coordinate with the City of Hammond Water Department and the City of Hammond Sewer Department to ensure that all work is done in a manner that will minimize damage to existing utilities.

E. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

F. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

G. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

H. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

I. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

J. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

K. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

L. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

M. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

N. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

O. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

P. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

Q. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

R. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

S. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

T. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

U. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

V. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

W. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

X. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

Y. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

Z. The Contractor shall coordinate all utility connections with the corresponding utility companies at least 48 hours in advance of work to be done.

NOT FOR CONSTRUCTION

FILENAME: SHT_WL_FA_SHS_UT_03.dgn

NOTES:

- West Lake Corridor - MP WL 61.38 TO WL 69.18
- Dyer to Hammond, Indiana

UTILITY LEGEND:

- New Water Main
- New Sanitary Sewer
- New Gas Main
- Ex. Water Main
- Ex. Sanitary Sewer
- Ex. Gas Main

SCALE: 1"=40'-0"
GENERAL UTILITY NOTES

A. UTILITIES SHOWN ARE APPROXIMATE. FIELD MEASUREMENTS ARE RECOMMENDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS IN THE FIELD.

B. COORDINATE ALL UTILITY CONNECTIONS WITH CORRESPONDING COMPANIES AT LEAST 48 HOURS IN ADVANCE PRIOR TO EXCAVATING.

C. NO CONSTRUCT TRENCHES ARE ALLOWED IN THE IMMEDIATE VICINITY OF A WATER MAIN, GAS MAIN, OR SANITARY SEWER AS THEY MAY CAUSE DAMAGE TO THESE UTILITIES. UTILITIES WITHIN 15 FEET OF THE PROPOSED GRADE LINE SHOULD BE SHRODED.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES DUE TO CONSTRUCTION ACTIVITIES.

E. ALL WATER MAINS SHALL BE INSTALLED A MINIMUM OF 5 FEET BELOW PROPOSED GRADE EXCEPT FOR USE IN FIRE PROTECTION.

F. CONTRACTOR SHALL COORDINATE WITH THE CITY OF HAMMOND WATER DEPARTMENT FOR CONNECTION TO THE EXISTING WATER SERVICE.

G. CONTRACTOR SHALL COORDINATE WITH THE CITY OF HAMMOND SANITARY DEPARTMENT FOR CONNECTION TO THE EXISTING SANITARY SEWER.

H. MAINTAINING ROUTE UTILITIES FOR SUPPORTING, BRACING, OR SHORING AS REQUIRED TO PREVENT DAMAGE TO UTILITIES.

I. CONTRACTOR SHALL CONTACT THE WATER MAIN AND GAS MAIN OWNERSHIP AND THE CITY OF HAMMOND SEWER DEPARTMENT FOR DRAINAGE DELAWARE PERMITS.

J. GAS MAIN INSTALLATION AND CONNECTION SHALL BE COORDINATED WITH NIPSCO.

UTILITY LEGEND

- New Water Main
- New Sanitary Sewer
- New Gas Main
- Ex. Water Main
- Ex. Sanitary Sewer
- Ex. Gas Main

SCALE: 1" = 40'

NOT FOR CONSTRUCTION
PARTIAL EAST ELEVATION - 1
10' - 0''
16' - 8''
T.O. PLATFORM LEVEL
4' - 3''
METAL STANDING SEAM CANOPY, TYP.
GUARDRAIL, TYP.
SEE AR-5508
COLUMNS, TYP.
SEE STRUCTURAL DRAWINGS

PARTIAL EAST ELEVATION - 2
10' - 0''
16' - 8''
T.O. PLATFORM LEVEL
4' - 3''
METAL STANDING SEAM CANOPY, TYP.
GUARDRAIL, TYP.
SEE AR-5508
COLUMNS, TYP.
SEE STRUCTURAL DRAWINGS

PARTIAL EAST ELEVATION - 3
10' - 0''
16' - 8''
T.O. PLATFORM LEVEL
4' - 3''
METAL STANDING SEAM CANOPY, TYP.
GUARDRAIL, TYP.
SEE AR-5508
COLUMNS, TYP.
SEE STRUCTURAL DRAWINGS

PARTIAL EAST ELEVATION - 4
10' - 0''
16' - 8''
T.O. PLATFORM LEVEL
4' - 3''
METAL STANDING SEAM CANOPY, TYP.
GUARDRAIL, TYP.
SEE AR-5508
COLUMNS, TYP.
SEE STRUCTURAL DRAWINGS
STATION SECTION 1

PLATFORM CROSS SECTION

NOT FOR CONSTRUCTION

SOUTH HAMMOND STATION CROSS SECTIONS

1. FOR ELEVATIONS AND GRADE, SEE CIVIL DRAWINGS.
NOTES

1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAILS.
3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE FINAL LOCATIONS OF EMERGENCY TELEPHONES TO BE DETERMINED BY FINAL LIGHTING DESIGN.
4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. PRIOR TO CONSTRUCTION, REFER TO THE ELECTRICAL AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TOUCY VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, AND CIRCUIT BREAKERS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN.

REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TOUCY VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, AND CIRCUIT BREAKERS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN.

SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAILS.

PRIOR TO CONSTRUCTION, REFER TO THE ELECTRICAL AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.

THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TOUCY VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, AND CIRCUIT BREAKERS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS TO BE DETERMINED BY FINAL LIGHTING DESIGN.
NOT FOR CONSTRUCTION

NOTES:
1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAIL.
3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS ARE TO PROVIDE COVERAGE OF PARKING LOTS. EMERGENCY TELEPHONE AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANSCAPING PLAN.
4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIMENT INSTALLATION DETAILS.
6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AND AMBIENT NOISE SENSORS ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AND AMBIENT NOISE SENSORS ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

1. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAIL.
2. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS ARE TO PROVIDE COVERAGE OF PARKING LOTS. EMERGENCY TELEPHONE AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANSCAPING PLAN.
3. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
4. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIMENT INSTALLATION DETAILS.
5. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AND AMBIENT NOISE SENSORS ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AND AMBIENT NOISE SENSORS ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOT FOR CONSTRUCTION

NOTE:
1. All communications / security / systems symbols provided in the legend are indicating approximate location only.
2. See electrical and communications plans for additional details.
3. CCTV cameras to provide coverage of parking lots. Final quantity and location of parking lot CCTV cameras to be determined by final lighting design. Emergency telephones located in the parking lots must receive CCTV coverage. Final locations of emergency telephones and CCTV cameras shall be coordinated with final landscaping plan.
4. Before construction, refer to the communications and electrical final design plans and documents for equipment installation details.
5. All emergency telephones shall be ADA compliant.
6. The design and location of systems components including CCTV cameras, emergency telephones, ticket vending machines, real-time passenger information displays, public address speakers, ambient noise sensors, communications cabinets, switches, associated conduit, associated wiring, associated cabling, and other required equipment are for reference only. Refer to final design plans for actual quantities and locations.

LEGEND
- Station Communications Hub
- Station Communications Cabinet
- CCTV Camera - PTZ
- CCTV Camera - Fixed Dome
- CCTV Camera - Fixed
- Station Communications Hub
- Ambiant Noise Sensor
- Public Address Speaker
- Real-Time Passenger Information (Single Sided)
- Real-Time Passenger Information (Dual Sided)
- Emergency Telephone (Wall Mount)
- Emergency Telephone (Pole Mount)
- Ticket Vending Machine
- Display (Single Sided)
- Display (Dual Sided)
- Real-Time Passenger Information (Walls Only)

REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOTES:
1. ALL COMMUNICATIONS / SECURITY / SYSTEM SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. CCTV CAMERAS TO PROVIDE COVERAGE OF PAVING. DATES, QUANTITY AND LOCATION OF PAVING CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOT MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPE PLAN.
3. CCTV CAMERAS TO PROVIDE COVERAGE OF PAVING.
4. CCTV CAMERAS TO PROVIDE COVERAGE OF PAVING. DATES, QUANTITY AND LOCATION OF PAVING CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOT MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPE PLAN.
5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
6. THE DESIGN AND LOCATION OF SYSTEM COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATION CABINETS, SWITCHES, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOT FOR CONSTRUCTION

NOTICE - WEST LAKE CORPORATION - DIV. No. 43-B TO W. 163-19

NORTHERN-INDIANA COMMUTER TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DYER TO HAMMOND, INDIANA

NOTES

1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.

2. SET ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAILS.

3. THE LOCATIONS SHOWN IN THIS SHEET REFLECT THE PREFERRED LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL, JARGONING PLANS.

4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.

5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.

6. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.

1. EMERGENCY TELEPHONE

2. PAN-TILT-ZOOM (PTZ) CCTV CAMERA

3. FIXED DOME CCTV CAMERA

4. FIXED CCTV CAMERA

5. STATION COMMUNICATIONS HUB

6. STATION COMMUNICATIONS CABINET

7. TVM - TICKET VENDING MACHINE

8. AMBIENT NOISE SENSOR

9. PUBLIC ADDRESS SPEAKER

10. REAL-TIME PASSENGER INFORMATION DISPLAY (SINGLE SIDED)

11. REAL-TIME PASSENGER INFORMATION DISPLAY (DUAL SIDED)

12. EMERGENCY TELEPHONE (POLE MOUNT)

13. EMERGENCY TELEPHONE (WALL MOUNT)

14. EMERGENCY TELEPHONE (GATE MOUNT)

SCALE: 1" = 20'

DATE: 7/21/2017

DRAWN: J. MERSEREAU

CHECKED: T. HILES

DESIGNED: S. WICKS

HD ENGINEERING, INC.

710 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631

WWW.HDRINC.COM
NOT FOR CONSTRUCTION

NOTES
1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. ISOMETRIC VIEWS OF COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDE ADDITIONAL DETAIL.
3. CTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPING PLAN.
4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CTV CAMERAS, EMERGENCY TELEPHONES, TOUC, WIRING INSOLES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED ANTENNAS, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
7. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPING PLAN.

LEGEND
- STATION COMMUNICATIONS HUB
- STATION COMMUNICATIONS CABINET
- CCTV CAMERA - PTZ
- CCTV CAMERA - FIXED DOME
- CCTV CAMERA - FIXED
- STATION COMMUNICATIONS HUB
- AMBIENT NOISE SENSOR
- PUBLIC ADDRESS SPEAKER
- REAL-TIME PASSENGER INFORMATION DISPLAY (DUAL SIDED)
- REAL-TIME PASSENGER INFORMATION DISPLAY (SINGLE SIDED)
- EMERGENCY TELEPHONE (WALL MOUNT)

ADDRESS
- EMERGENCY TELEPHONE (POLE MOUNT)
- EMERGENCY TELEPHONE

REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

CONDUIT, ASSOCIATED WIRING, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOT FOR CONSTRUCTION

LEGEND

1. CM - COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.

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3. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.

4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.

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NOTES

1. AS NOTED

2. APPROXIMATE LOCATION ONLY.

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TYPICAL CANOPY SECTION

1. STANDING SEAM METAL ROOF NOT SHOWN FOR CLARITY.
2. SEE PLATFORM PLAN FOR GRID SPACING.

TYPICAL CANOPY FRAMING PLAN

TYPICAL CANOPY PURLIN-BEAM DETAIL

TYPICAL BASEPLATE CONFIGURATION

NOT FOR CONSTRUCTION

HDR Engineering, Inc.
8550 W Bryn Mawr Ave., Suite 900
Chicago, IL 60631
www.hdrinc.com

361

As indicated

ST-3104

SOUTH HAMMOND CANOPY ROOF FRAMING PLAN

DYER TO HAMMOND, INDIANA

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

FILENAME
C:\Users\vrednour\Documents\WL_ST_SOHAMSTN_02_vrednour.rvt

PLOT DATE: 19-Jul-17 2:53:57 PM
STATION HOUSE ROOF PLAN

SOUTH HAMMOND STATION
HOUSE ROOF FRAMING PLAN

NOT FOR CONSTRUCTION

DYE TO HAMMOND, INDIANA

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

HDR Engineering, Inc.
8550 W Bryn Mawr Ave., Suite 900
Chicago, IL 60631
www.hdrinc.com

PLOT DATE: 19-Jul-17 2:53:58 PM

FILENAME: C:\Users\vrednour\Documents\WL_ST_SOHAMSTN_02_vrednour.rvt

1/4" = 1'-0"
1. TYPICAL FOUNDATION DETAIL

2. IT CLOSET STOOP

3. TYPICAL DECK BEARING ROOF DETAIL

4. TYPICAL JOIST BEARING DETAIL

5. JOIST BEARING AT WEST
## CABLE AND CONDUIT SCHEDULE

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<tr>
<th>LEGEND NUMBER</th>
<th>CABLE DESCRIPTION</th>
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<tr>
<td>2</td>
<td>3 SETS 4 AWG KOCHL &amp; 1 #250 KOCHL GRD</td>
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<td>25 4# 250</td>
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<td>4</td>
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<td>5</td>
<td>3 #2 AWG &amp; 1 #6 AWG GRD</td>
<td>15</td>
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<td>4 #250 KOCHL &amp; 1 #2 AWG GRD</td>
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**NOTES:**
1. SEE SHEET 2/254 AND 2/255 FOR ELECTRICAL SYMBOLS, LIST, ABBREVIATIONS, AND GENERAL NOTES.
2. CABLE SCHEDULE IS TO BE CELLS E9 TO E10 FOR PRIMARY TRANSFORMER TO EXISTING CABLE;
3. CABLE SCHEDULE IS TO BE CELLS E11 TO E12 FOR PRIMARY TRANSFORMER TO SUBSTATION;
4. CONDUIT TO 250 CIR.
5. CABLE IS SCHEDULED TO 10 FOOT LONG, 1/2" CEYA STAINLESS STEEL UNRIGIDIZED CONDUIT.
6. 2 CABLES ARE FOR FUTURE.
<table>
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<th>LOAD (VA)</th>
<th>TRIP POLE</th>
<th>CIRCUIT USE</th>
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**TOTALS:** 0 0 0 0 0 0

**PHASE A:** 0 VA

**PHASE B:** 0 VA

**PHASE C:** 0 VA

**TOTAL CONNECTED VA:** 0 VA

**AMPS:** 0 A

**CONNECTED 1.25X AMPS:** 0 A
NOTES:
1. SEE SHEETS R-306.1 AND R-306.2 FOR ELECTRICAL, CABINETS, LIGHTS, AND GENERAL NOTES.
2. SEE SHEET R-306 FOR CABLE AND CONDUIT SCHEDULE.
3. CIRCUIT CORD-DISCONNECT VERTICAL BREAKER SHUTTER.
4. USE ALUMINUM WIRING FOR CONNECTION.
5. PROVIDE CONCRETE FOUNDATION FOR SHUTTER.
6. PROVIDE CONCRETE FOUNDATION FOR CONNECTOR.
7. PROVIDE THREE 5.5 AMPS GROUND TERMINALS.
8. ALL DESIGNS MUST BE CERTIFIED BY STRUCTURAL ENGINEER.
9. PROVIDE BUS SUPPORTS IN BUS SUPPORT AREA WITH WEATHERPROOF LED FLOODLIGHTS.
10. STRUCTURE SHALL STAND ALONE LIGHTING PROPELLERS.
11. STRUCTURE SHALL USE NEED-OPERATED MANUAL AUXILIARY LINE SWITCH.
12. STRUCTURE SHALL BE PROPERLY GROUND PER MOMENT CERTIFICATION.
13. PROVIDE WEATHERPROOF OUTDOOR GFI SERVICE RECEPTACLE IN BUS SUPPORT AREA OF SWITCH.
14. FLOODLIGHTS shall BE VERSITATIL鲜 Weatherproof USED BY LOCAL OR APPROVED LOCAL CONTACT PARK SERVICE, 734-333-2342.
15. COORDINATE DRAIN LOCATION WITH ARCHITECTURAL SET TO IN PROVISION.

SUBSTATION SINGLE LINE DIAGRAM

PICTURE OF TYPICAL SWITCH

NOT TO SCALE

SUBSTATION TRANSFORMER

NOTE 3

NORMAL SUBSTATION

TO SERVICE
GENERAL IMPROVEMENT NOTES:

1. UTILITIES SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION.

2. DIMENSIONS ARE TAKEN FROM THE FACE OF CURBS, WALLS AND/OR BUILDINGS UNLESS OTHERWISE NOTED.

3. ALL AREAS DISTURBED, NOT BUILT, PAVED OR COVERED WITH CONSTRUCTION MATERIALS SHALL BE RESURFACED WITH A SIGNIFICANT TYPE TURFGRASS.

4. NOT ALL KEY NOTES USED ON EVERY SHEET.

SITE IMPROVEMENT KEY:

1. ASPHALT PAVEMENT, TYPE 1
2. ASPHALT PAVEMENT, TYPE 2
3. CONCRETE PAVEMENT, TYPE 1
4. CONCRETE PAVEMENT, TYPE 2
5. CONCRETE CURB
6. CONCRETE CURB TURNOUT
7. CONCRETE PARKING BLOCK
8. BOLLARD
9. ACCESSIBLE PARKING POST SIGN
10. ACCESSIBLE PARKING PAVEMENT MARKING
11. PAVEMENT MARKING - 4"
12. PAVEMENT MARKING HATCH - 4" @ 3' O.C., 45°
13. PAVEMENT MARKING CROSSWALK - 24" W, 8' L, @ 4' O.C.
14. OUTDOOR WASTE RECEPTACLE
15. OUTDOOR BENCH
16. DECORATIVE CONCRETE PAVEMENT
17. DECORATIVE PICKET FENCE
18. LOUVERED SCREEN ENCLOSURE
19. DUMPSTER
20. UTILITY
21. COMPACTED AGGREGATE STORAGE
22. BALLAST (REFER TO TRACK DRAWINGS)
23. BICYCLE RACK
24. OUTDOOR TABLE WITH SEATING
25. CONCRETE CURB TURNOUT
26. ACCESSIBLE CURB RAMP
27. LOUVERED SCREEN GATE
28. MASONRY SEATWALL PLANTER
29. FACILITY
30. WALLS AND/OR BUILDINGS UNLESS OTHERWISE NOTED.
31. SCALE: 1" = 40'-0"
32. NATIVE GRASS/FORB SEEDING
33. TURFGRASS SEEDING
34. DECIDUOUS Shade TREE
35. DECIDUOUS Ornamental TREE
36. EVERGREEN TREE
37. SAPLINGS / PERENNIAL
38. TURFGRASS SEEDING
39. NASTURTIUM SEEDING
40. NIGHTSHADE SEEDING
41. FLOWERING EPHEDRA SEEDING
42. FINICULUM SEEDING
43. NOT FOR CONSTRUCTION
44. LOCATION SHEET SITE PLAN 02
45. DRAWN: 07/21/17
46. CHKED: 07/21/17
47. DESIGNED: 07/21/17
48. ISSUED: 07/21/17
49. SHEET: SHT_WL_FA_HGS_PL_01.dgn
50. SCALE: 1" = 40'-0"
GENRAL IMPROVEMENT NOTES

1. UTILITIES SHOWN ARE APPROXIMATE, FIELD VERIFY PRIOR TO CONSTRUCTION.
2. DIMENSIONS ARE TAKEN FROM THE FACE OF CURBS, WALLS, BUILDINGS, ETC., AND SHOWN TO THE CENTER OF STRAIGHT LINES.
3. ALL AREAS DISTURBED, NOT BUILT, PAVED OR COVERED BY CONSTRUCTION, SHALL BE SEeded WITH A PERMANENT TYPE TURfGRASS.
4. NOT ALL KEY NOTES USED ON EVERY SHEET.

SITE IMPROVEMENT KEY

1. CONCRETE PARKING BLOCK
2. ACCESSIBLE PARKING POST SIGN
3. OUTDOOR BENCH
4. ACCESSIBLE PARKING CROSSWALK
5. CONCRETE CURB
6. OUTDOOR TABLE WITH SEATING
7. CONCRETE CURB TURNOUT
8. DECORATIVE PICKET FENCE
9. TRASH CHUTE ENCLOSURE
10. DECORATIVE CONCRETE PAVEMENT
11. ACCESSIBLE PARKING PAVEMENT MARKING
12. TRASH RECEPTACLE
13. PAVEMENT MARKING - 4" WIDE
14. BOLLARD
15. OUTDOOR OVERHEAD ENCLOSURE
16. LOUVRED SCREEN ENCLOSURE
17. MASONRY SEATWALL PLANTER
18. ACCESSIBLE CURB RAMP
19. DUMPSTER
20. BALLAST (SEE TRACK DRAWINGS)
21. COMPACTED AGGREGATE STORAGE
22. CONCRETE PARKING BLOCK-MARKING - 24" WIDE, 8' LONG, @ 4' O.C.
23. DECORATIVE CONCRETE ENTRANCE
24. CONCRETE PARKING BLOCK - 25 SPACES
25. BICYCLE RACK
26. ACCESSIBLE CURB RAMP - 25 SPACES
27. OUTDOOR WASTE RECEPTACLE
28. TRAFFIC TABLE WITH SEATING
29. TRAFFIC TABLE WITH WELL PLANTER
30. TRAFFIC TABLE WITH SEATING
31. TRAFFIC TABLE WITH WELL PLANTER
32. TRAFFIC TABLE WITH SEATING
33. TRAFFIC TABLE WITH WELL PLANTER
34. TRAFFIC TABLE WITH SEATING
35. TRAFFIC TABLE WITH WELL PLANTER
36. TRAFFIC TABLE WITH SEATING

LANDSCAPE PLANTING LEGEND

0. DECIDUOUS SHOE TREE
1. DECIDUOUS SHOE TREE
2. DECIDUOUS Ornamental TREE
3. DECIDUOUS Ornamental TREE
4. EVERGREEN TREE
5. DECIDUOUS SHOE TREE
6. DECIDUOUS Ornamental TREE
7. DECIDUOUS Ornamental TREE
8. DECIDUOUS Ornamental TREE
9. DECIDUOUS Ornamental TREE

HAMMOND GATEWAY SITE PLAN

Scale: 1"=40'-0"
NOTE:
ALL INTERIOR WALLS 6" CMU WITH 1/2" PLASTER ON BOTH SIDES L.I.O.N.
CHASE WALL PARTITION: 3 5/8" METAL STUD FRAMING WITH 1/2" CEMENT BD AT TILED WAINSCOTT; 5/8" MOISTURE RESISTANT GYP. BD. ABOVE TYP.
COLUMN ENCLOSURE: 3 5/8" METAL STUD AND TWO LAYERS OF 5/8" GYP. BD.

NOTE:
ALL CEILING ARE TO BE EXPOSED PAINTED CEILING U.O.
ALL CEILING HEIGHT REFERENCES ARE FROM FINISHED FIRST FLOOR LEVEL.

NOTE:
CEILING ARE TO BE EXPOSED PAINTED CEILING U.O.
ALL CEILING HEIGHT REFERENCES ARE FROM FINISHED FIRST FLOOR LEVEL.

NOTE:
ALL CEILING ARE TO BE EXPOSED PAINTED CEILING U.O.
ALL CEILING HEIGHT REFERENCES ARE FROM FINISHED FIRST FLOOR LEVEL.
STATION BUILDING ROOF PLAN

CONT. GUTTER

METAL STANDING SEAM ROOF

DASHED LINE INDICATES EXTERIOR FACE OF BUILDING BELOW

CONT. GUTTER

3" / 1'-0"

CONT. GUTTER

3" / 1'-0"

Door Schedule

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<th>Width</th>
<th>Height</th>
<th>Thickness</th>
<th>Door Material</th>
<th>Frame Material</th>
<th>Fire Rating</th>
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Room Finish Schedule

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</tbody>
</table>

KEY NOTE LEGEND:

ACT: ACOUSTICAL CEILING TILE
CT: CERAMIC TILE
CONC: CONCRETE
SGP: SEMI GLOSS PAINT

STATION HOUSE ROOF PLAN
SOUTH SHORE PARTIAL SOUTH ELEVATION - 1

SOUTH SHORE PARTIAL SOUTH ELEVATION - 2
SOUTH SHORE CROSS SECTION

1/4" = 1'

NOT FOR CONSTRUCTION

PLATFORM CROSS-SECTION AT SOUTH SHORE PLATFORM

FOR ELEVATIONS AND GRADE, SEE CIVIL DRAWINGS.
WARMING HUT.
SEE TYPICAL DWGS. ON AR-5102 PLATFORM
3'-6"
GALV. STL. PLATFORM GUARDRAIL, TYP.
STEEL COLUMN, SEE STRUCTURAL
1'-6 1/2"
7'-11 1/2"
T.O. RAIL VARIES
T.O. PLATFORM VARIES
ELEV. 5', PLATFORM ELEVATED, TYP.

WEST LAKE STATION CROSS SECTION

NOT FOR CONSTRUCTION

YEAR: 2017
DESCRIPTION: PLATFORM CROSS-SECTION AT WESTLAKE STATION SECTIONS

NOTES
1. FOR ELEVATIONS AND GRADE, SEE CIVIL DRAWINGS.
NOT FOR CONSTRUCTION

NOTES

1. See Electrical and Communications plans for additional details.

2. All communications / security / systems symbols provided in the legend are indicating approximate location only.

3. All electrical and communications plans are for additional details.

4. CCTV cameras to provide coverage of parking lots. Final quantity and location of parking lot CCTV cameras to be determined by final lighting design. CCTV cameras located in the parking lots must receive CCTV coverage. Final locations of emergency telephones and CCTV cameras shall be coordinated with final lighting plan.

5. All emergency telephones shall be ADA compliant.

6. The design and location of systems components including CCTV cameras, emergency telephones, ticket vending machines, real-time passenger information displays, public address speakers, ambient noise sensors, communications cabinets, switches, associated conduit, associated wiring, associated canalis, and other required equipment are for reference only. Refer to final design plans for actual quantities and locations.

LEGEND

- STATION COMMUNICATIONS KIOSK
- TICKET VENDING MACHINE
- STATION COMMUNICATIONS CABINET
- AMBIENT NOISE SENSOR
- CCTV CAMERA - FIXED
- PUBLIC ADDRESS SPEAKER
- CCTV CAMERA - FIXED DOME
- REAL TIME PASSENGER INFORMATION DISPLAY (SIDE PANEL)
- REAL TIME PASSENGER INFORMATION DISPLAY (SIDE PANEL)
- EMERGENCY TELEPHONE (WALL MOUNT)
- EMERGENCY TELEPHONE (POLE MOUNT)
- STATION COMMUNICATIONS HUB
- ambient noise sensor
- public address speaker
- cctv camera - fixed
- cctv camera - fixed dome
- real time passenger information display (side panel)
- emergency telephone (wall mount)
- emergency telephone (pole mount)
- station communications hub
- CCT

REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

CONDUIT, ASSOCIATED WIRING, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED CONDUIT, ASSOCIATED WIRING, ASSOCIATED CABLES, AND OTHER EQUIPMENT ARE FOR EQUIPMENT INSTALLATION DETAILS.

PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
NOTES:
1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAIL.
3. PREVIEW OF PARKING LOTS: FORMAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PREVIEW LISTS ARE NOT ACCESSIBLE TO COMMUNICATE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LIGHTING PLAN.
4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
6. TICV does not recommend using CITY COMMUNICATIONS HUB, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, Communication cabinets, Emergency phones, Associated wiring, Associated cabling, and other required equipment are for reference only. Refer to final design plans for actual quantities and locations.

LEGEND:
- STATION COMMUNICATIONS CABINET
- EMERGENCY TELEPHONE (POLE MOUNT)
- EMERGENCY TELEPHONE (WALL MOUNT)
- TICKET VENDING MACHINE
- AMBIENT NOISE SENSOR
- PUBLIC ADDRESS SPEAKER
- REAL-TIME PASSENGER INFORMATION DISPLAY (SINGLE SIDED)
- REAL-TIME PASSENGER INFORMATION DISPLAY (DUAL SIDED)
- REAL-TIME PASSENGER INFORMATION DISPLAY (SIDE MOUNTED)

6. EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LIGHTING PLAN.
4. EMERGENCY TELEPHONES LOCATED IN PARKING LOTS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PREVIEW LISTS ARE NOT ACCESSIBLE TO COMMUNICATE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LIGHTING PLAN.
4. EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PREVIEW LISTS ARE NOT ACCESSIBLE TO COMMUNICATE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LIGHTING PLAN.
2. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAIL.
1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
NOT FOR CONSTRUCTION

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT

DYER TO HAMMOND, INDIANA

197 OF 361

SHEET WL_TL_HG_PG_03.dgn

DATE

07/21/17

PL QAT E DATE

3:39:48 PM

NOTES

1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PRESENTED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.

2. CONTACT DEPARTMENT OF ENGINEERING FOR ADDITIONAL INFO.

3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOT. RTD QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LOADING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOT MUST RECEIVE CCTV COVERAGE. FINAL LOCATION OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPING PLAN.

4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.

5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND CONDUIT, ASSOCIATED WIRING, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED TELEPHONES, AND OTHER REQUIRED EQUIPMENT. REMARKS FOR EQUIPMENT INSTALLATION DETAILS.

6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDORS, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED TELEPHONES, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDORS, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED TELEPHONES, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOT FOR CONSTRUCTION

WEST LAKE PLATFORM SYSTEMS PLAN
STATION

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
DYER TO HAMMOND, INDIANA

1. All communication/security/systems symbols provided in the legend are indicating approximate location only.

2. Refer to construction plans for additional details.

3. CCTV cameras to provide coverage of parking lots. Final quantity and location of parking lot CCTV cameras to be determined by final electrical design. Emergency telephones located in the parking lots must receive CCTV coverage. Final locations of emergency telephones and CCTV cameras shall be coordinated with final electrical plans.

4. All emergency telephones shall be ADA compliant.

5. Prior to construction, refer to the communications and electrical final design plans and documents for equipment installation details.

6. The design and location of systems components including CCTV cameras, emergency telephones, FPD, vending machines, real-time passenger information displays, public address systems, emergency telephones, communications cabinets, switches, associated wiring, associated cabling, and other required equipment are for reference only. Refer to final design plans for actual quantities and locations.

NOTES

1. Approximate location only.

2. See electrical and communications plans for additional details.

3. Final quantity and location of parking lot CCTV cameras to be determined by final landscaping. Emergency telephones located in the parking lots must receive CCTV coverage. Final locations of emergency telephones and CCTV cameras shall be coordinated with final electrical plans.

4. All emergency telephones shall be ADA compliant.

5. Prior to construction, refer to the communications and electrical final design plans and documents for equipment installation details.

6. The design and location of systems components including CCTV cameras, emergency telephones, FPD, vending machines, real-time passenger information displays, public address systems, emergency telephones, communications cabinets, switches, associated wiring, associated cabling, and other required equipment are for reference only. Refer to final design plans for actual quantities and locations.
NOT FOR CONSTRUCTION

WEST LAKE CORRIDOR

http://www.hdrinc.com
Chicago, IL 60631
855 W Bryn Mawr Ave., Suite 900
HDR Engineering, Inc.

DATE: 7/21/2017

DESCRIPTION: SS PLATFORM SYSTEMS PLAN 1

DATE: 7/21/2017

NOTES:
1. ALL COMMUNICATIONS / SECURITY / SYSTEMS SYMBOLS PROVIDED IN THE LEGEND ARE INDICATING APPROXIMATE LOCATION ONLY.
2. SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAIL.
3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LIGHTING DESIGN. EMERGENCY TELEPHONES LOCATED IN THE PARKING LOTS MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LIGHTING PLAN.
4. ALL EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TIVO'S, WIRING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED HARDWARE, WIRING, CABLING, AND OTHER RELATED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
NOT FOR CONSTRUCTION

APPENDIX A-1605

 trance - west lake corridor - mw no. 43, db to wq, wq to st
 single track

 SS PLATFORM SYSTEMS PLAN 2
 STATION

 NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
 33 East Highway 12
 Chesterton, Indiana 46304

 WEST LAKE COMMUTER

 DESIGN:
 3. SET ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAILS.
 4. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LITIGIOUS DESIGN. EMERGENCY TELEPHONES LOCATED IN PARKING LOTS MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPING PLAN.
 5. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
 6. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.

 LEGEND

 **E**
 
 **CC**
 
 **A**
 
 **S**
 
 **AN**
 
 **TVM**
 
 **RTD**
 
 **CH**
 
 **NOTE**

 SEE ELECTRICAL AND COMMUNICATIONS PLANS FOR ADDITIONAL DETAILS.

 1. APPROXIMATE LOCATION ONLY.
 2. EMERGENCY TELEPHONES SHALL BE ADA COMPLIANT.
 3. CCTV CAMERAS TO PROVIDE COVERAGE OF PARKING LOTS. FINAL QUANTITY AND LOCATION OF PARKING LOT CCTV CAMERAS TO BE DETERMINED BY FINAL LITIGIOUS DESIGN. EMERGENCY TELEPHONES LOCATED IN PARKING LOTS MUST RECEIVE CCTV COVERAGE. FINAL LOCATIONS OF EMERGENCY TELEPHONES AND CCTV CAMERAS SHALL BE COORDINATED WITH FINAL LANDSCAPING PLAN.
 4. PRIOR TO CONSTRUCTION, REFER TO THE COMMUNICATIONS AND ELECTRICAL FINAL DESIGN PLANS AND DOCUMENTS FOR EQUIPMENT INSTALLATION DETAILS.
 5. THE DESIGN AND LOCATION OF SYSTEMS COMPONENTS INCLUDING CCTV CAMERAS, EMERGENCY TELEPHONES, TICKET VENDING MACHINES, REAL-TIME PASSENGER INFORMATION DISPLAYS, PUBLIC ADDRESS SPEAKERS, AMBIENT NOISE SENSORS, COMMUNICATIONS CABINETS, SWITCHES, ASSOCIATED CABLING, AND OTHER REQUIRED EQUIPMENT ARE FOR REFERENCE ONLY. REFER TO FINAL DESIGN PLANS FOR ACTUAL QUANTITIES AND LOCATIONS.
1. Standing seam metal roof not shown for clarity.
2. See overall plan for grid spacing.
SOUTH SHORE PARTIAL PLATFORM PLAN - 3

SOUTH SHORE PARTIAL PLATFORM PLAN - 4
NOTES:
1. PROVIDE ELECTRICAL HEATING MAT INTEGRAL IN PRECAST PLANKS.
2. STEEL COLUMN AND CANOPY NOT SHOWN FOR CLARITY.

3. PROVIDE EMBED PLATE FOR GUARDRAIL CONNECTION

SOUTH SHORE PLATFORM FRAMING PLAN
1. STANDING SEAM METAL ROOF NOT SHOWN FOR CLARITY.

2. SEE OVERALL PLAN FOR GRID SPACING.
STATION HOUSE FOUNDATION PLAN
STATION HOUSE ROOF PLAN

NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DYER TO HAMMOND, INDIANA

NOT FOR CONSTRUCTION

1/8" = 1'-0"
[Diagram description and annotations]
1. TYPICAL FOUNDATION SECTION
2. TYPICAL TRUSS BEARING AT SOUTH
3. TYPICAL DECK BEARING ROOF DETAIL
4. TYPICAL TRUSS BEARING AT NORTH

1ST FLOOR
12'-8"

1/2" METAL ROOF DECK

COLD-FORMED TRUSS

COLD-FORMED TRUSS

COLD-FORMED OUTRIGGER

COLD-FORMED OUTRIGGER

COLD-FORMED TRUSS

COLD-FORMED TRUSS

WH

1 1/2" METAL ROOF DECK

W12 BEAM

W12 BEAM

W12 BEAM

W12 BEAM

COLD-FORMED TRUSS

COLD-FORMED TRUSS

COLD-FORMED TRUSS

COLD-FORMED TRUSS

STANDING SEAM METAL ROOF

SLAB-ON-GRADE

NOT FOR CONSTRUCTION
PARTIAL PLATFORM LIGHTING PLAN

SCALE: 1/8" = 1'-0"

NOTES:
1. SEE SHEETS 8-E001 AND 8-E002 FOR ELECTRICAL SYMBOLS, LEGENDS, AND GENERAL NOTES.
2. SEE SHEET 8-E002 FOR CABLE AND CONDUIT SCHEDULE.
3. SEE SHEET 8-E001 FOR LIGHTING SCHEDULE.

DYER TO HAMMOND, INDIANA
NOTES:
1. SEE SHEETS E-306 AND E-307 FOR ELECTRICAL SYMBOLS LIST, ABBREVIATIONS, AND GENERAL NOTES.
2. SEE SHEET E-4102 FOR CABLE AND CONDUIT SCHEDULE.
3. SEE SHEET E-4001 FOR LIGHTING FUTURE SCHEMES.

PARTIAL PLATFORM LIGHTING PLAN

SCALE: 1/8" = 1'-0"

PARTIAL PLATFORM LIGHTING PLAN

SCALE: 1/8" = 1'-0"
NOTES:
1. SEE SHEETS B-4061 AND B-4062 FOR ELECTRICAL SYMBOLS, LEGENDS, AND GENERAL NOTES.
2. SEE SHEET B-4061 FOR CABLE AND CONDUIT SCHEDULE.
3. PROVIDE HEAT TRACING TO PLATFORM AND RAMP.
4. APPROPRIATE LOCATION OF HEAT TRACING PANELS.
PARTIAL PLATFORM POWER PLAN

Scale: 1/8" = 1'0"

NOTE 3

PARTIAL PLATFORM POWER PLAN

Scale: 1/8" = 1'0"

NOTE 4

NOTES:
1. SEE SHEET B-166 AND B-169 FOR ELECTRICAL SYMBOLS, LIST, ABBREVIATIONS, AND GENERAL NOTES.
2. SEE SHEET E-4102 FOR CABLE AND CONDUIT SCHEDULE.
3. PROVIDE HEAT TRACING TO PLATFORM AND RAMPS.
4. APPROPRIATE LOCATION FOR HEAT TRACING PANEL.
STATION BUILDING LIGHTING PLAN

STATION BUILDING POWER PLAN

NOTES:
1. SEE SHEETS N-5004 AND E-5002 FOR ELECTRICAL SYMBOLS, NOTATION, AND GENERAL NOTES.
2. SEE SHEET E-4002 FOR CABLE AND CONDUIT SCHEDULE.
3. SEE SHEET S-6001 FOR LIGHTING FIXTURE SCHEDULE.
4. CEILING MOUNTED MOTION SENSOR.
5. APPROXIMATE LOCATION OF TRANSFORMER FIELD VOLTAGE.
NOTES:
1. See sheets B-4012 and B-4013 for electrical, consumer lists, administrative, and general notes.
2. See sheet B-4012 for cable and conduit schedule.
3. See sheet E-6001 for lighting fixture schedule.
4. Steel mounted motion sensor.
5. Infrared warning.

SCALE: 1/4" = 1'-0"

TYPICAL SOUTH SHORE WARMING HUT LIGHTING PLAN
TYPICAL SOUTH SHORE WARMING HUT POWER PLAN

TYPICAL WEST LAKE WARMING HUT LIGHTING PLAN
TYPICAL WEST LAKE WARMING HUT POWER PLAN

NOT FOR CONSTRUCTION

COMPANY NAME: NICO

RATING: 228 OF 361
<table>
<thead>
<tr>
<th>LEGEND NUMBER</th>
<th>CABLE DESCRIPTION QUANTITY/ISOMETRICS</th>
<th>QUANTITY</th>
<th>NOTES</th>
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<td>2</td>
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<tr>
<td>2</td>
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<td>3</td>
<td>1 #300 AWG</td>
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<td>4</td>
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<td>5</td>
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<td>6</td>
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<td>4, 6</td>
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<td>9</td>
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<td>19</td>
<td>50 #10 AWG &amp; 1 #10 AWG GRD</td>
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<td>Q5 (15)</td>
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<td>4 #300 KXCHL &amp; 1 #10 AWG GRD</td>
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NOTES:
1. SEE SHEETS 010-02 AND 010-03 FOR ELECTRICAL SYMBOLS, LIST, ABBREVIATIONS, AND GENERAL NOTES.
2. 21AWG SCHEDULE 41 CONDUCTORS TO SERVICE PANEL AND FROM PANEL TO TRANSFORMER EXTERIOR CABLE CARRYING CURRENT 300 AMP.
3. PVC SCHEDULE 40.
4. PVC TO BE GRACED.
5. 300 KXCHL CABLE (FLUSH TO 1000 FOOT LONG, 3/4" X4, STAINLESS STEEL, ULTRASONIC WELD)
6. 2 CONDUCTORS ARE FOR FUTURE.
<table>
<thead>
<tr>
<th>PANEL</th>
<th>VOLTAGE</th>
<th>MOUNTING</th>
<th>ENCLOSURE</th>
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<tbody>
<tr>
<td>LP-1</td>
<td>120/208V, 3P, 4W</td>
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<td>NEMA 1 BUS 250A WITH GROUND BUS</td>
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<td>LP-2</td>
<td>120/208V, 3P, 4W</td>
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<td>NEMA 3R BUS 250A WITH GROUND BUS</td>
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<tr>
<td>PP-1</td>
<td>480/277V, 3P, 4W</td>
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<td>NEMA 1 BUS 250A WITH GROUND BUS</td>
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**Panelboards Schedules**

<table>
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<tr>
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<th>BREAKERS LOAD (VA)</th>
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<tr>
<td>CIRCUIT USE TRIP POLE</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>SPARE</td>
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**Totals**

<table>
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<tr>
<th>PHASE A</th>
<th>PHASE B</th>
<th>PHASE C</th>
<th>TOTAL CONNECTED VA</th>
<th>AMPS</th>
<th>1.25X AMPS</th>
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<tbody>
<tr>
<td>0 VA</td>
<td>0 VA</td>
<td>0 VA</td>
<td>0 VA</td>
<td>0 A</td>
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**Notes:**
- See sheets, schedules, and index for electrical symbols, lists, abbreviations, and general notes.
NOTES:

1. SEE SHEETS R-406 AND R-002 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

2. SEE SHEET E-402 FOR CABLE AND CONDUIT SCHEDULE.

3. ENSURE GROUND OPERATED VERTICAL BREAKER SHUTTER.

4. USE ALUMINUM WIRING FOR CONNECTION.

5. PROVIDE CONCRETE FOUNDATION FOR SHUTTER.

6. PROVIDE MINIMUM BARRIERS SHUTTER AND TRANSFORMER AND BROUGHT SWITCH AREA AWAITS OF DISTRIBUTION COORDINATE EXACT HIGH REQUIREMENTS.

7. PROVIDE THREE 2-6-6.3/4 ARMORED STEMS.

8. ALL DESIGNS MUST BE CERTIFIED BY STRUCTURAL ENGINEER.

9. PROVIDE 3 SPOTS FOR 1-LITRE LUMINESCENT OIL AREA WITH WEATHERPROOF LED FLOOD LIGHT.

10. MOUTH BUS SUPPORT SHALL HAVE LIGHTNING PROTECTION.

11. SWITCH SHALL USE HEATED OPERATED MANUAL ABBREVIATED SHUTTER.

12. STRUCTURAL SHAKE DEEMED CAN BE CONTAINED PER PERIODIC CONSTRUCTION.

13. PROVIDE WEATHERPROOF OUTDOOR GFI SERVICE RECEPTACLE IN EACH SUPPORT LUG TP DISC.

14. ELECTRICAL FUSE IN VERTICAL FUSE CHAMBER USE BY NY RECESSED BEAUTY ELECTRONIC CONTACT PANEL.

15. COORDINATE BARGE LOCATION WITH ARCHITECTURAL LITE FOR DB FRESHWAY.
<table>
<thead>
<tr>
<th>Symbol</th>
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<tr>
<td>T-2A</td>
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<td>LED</td>
<td>Lighting Fixtures in Total Parking Lot and 1000 and 1900 Areas</td>
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</tbody>
</table>

NOTES:
1. See sheet B-601 for electrical, symmetrical, and general notes.
2. See sheet 6-461 for lighting fixture schedule.
3. This table shows fixtures in total parking lot and 1000 and 1900 areas.