

ORANGE COUNTY CONVENTION CENTER

ORANGE COUNTY MAYOR
TERESA JACOBS



DISTRICT 3 COMMISSIONER
PETE CLARKE

DISTRICT 1 COMMISSIONER
S. SCOTT BOYD

DISTRICT 4 COMMISSIONER
JENNIFER THOMPSON

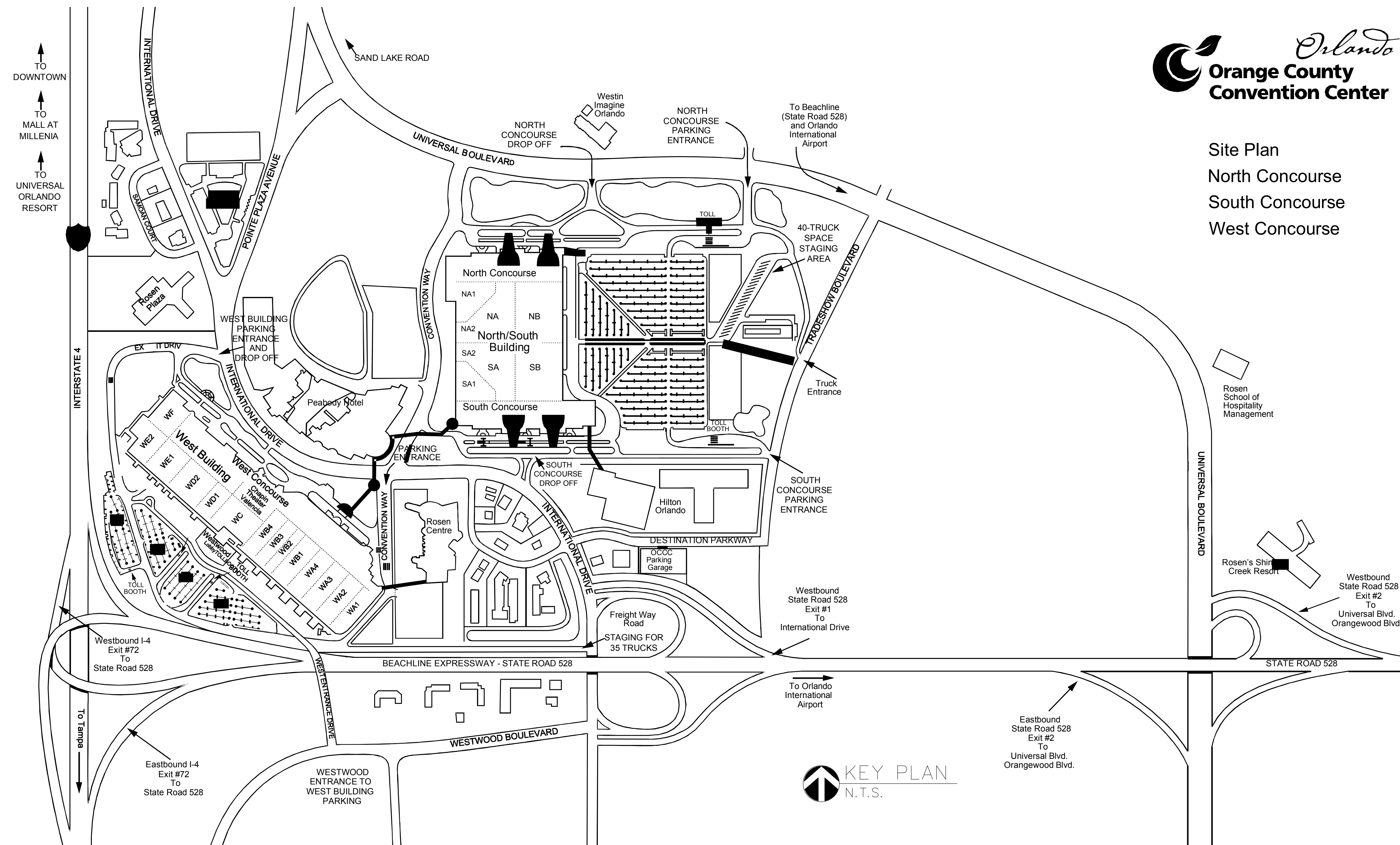
DISTRICT 2 COMMISSIONER
BRYAN NELSON

Orange
County
Convention
Center

DISTRICT 5 COMMISSIONER
TED B. EDWARDS

DISTRICT 6 COMMISSIONER
VICTORIA P. SIPLIN

DYNAMIC MESSAGE SIGNAGE UPGRADE



Site Plan
North Concourse
South Concourse
West Concourse

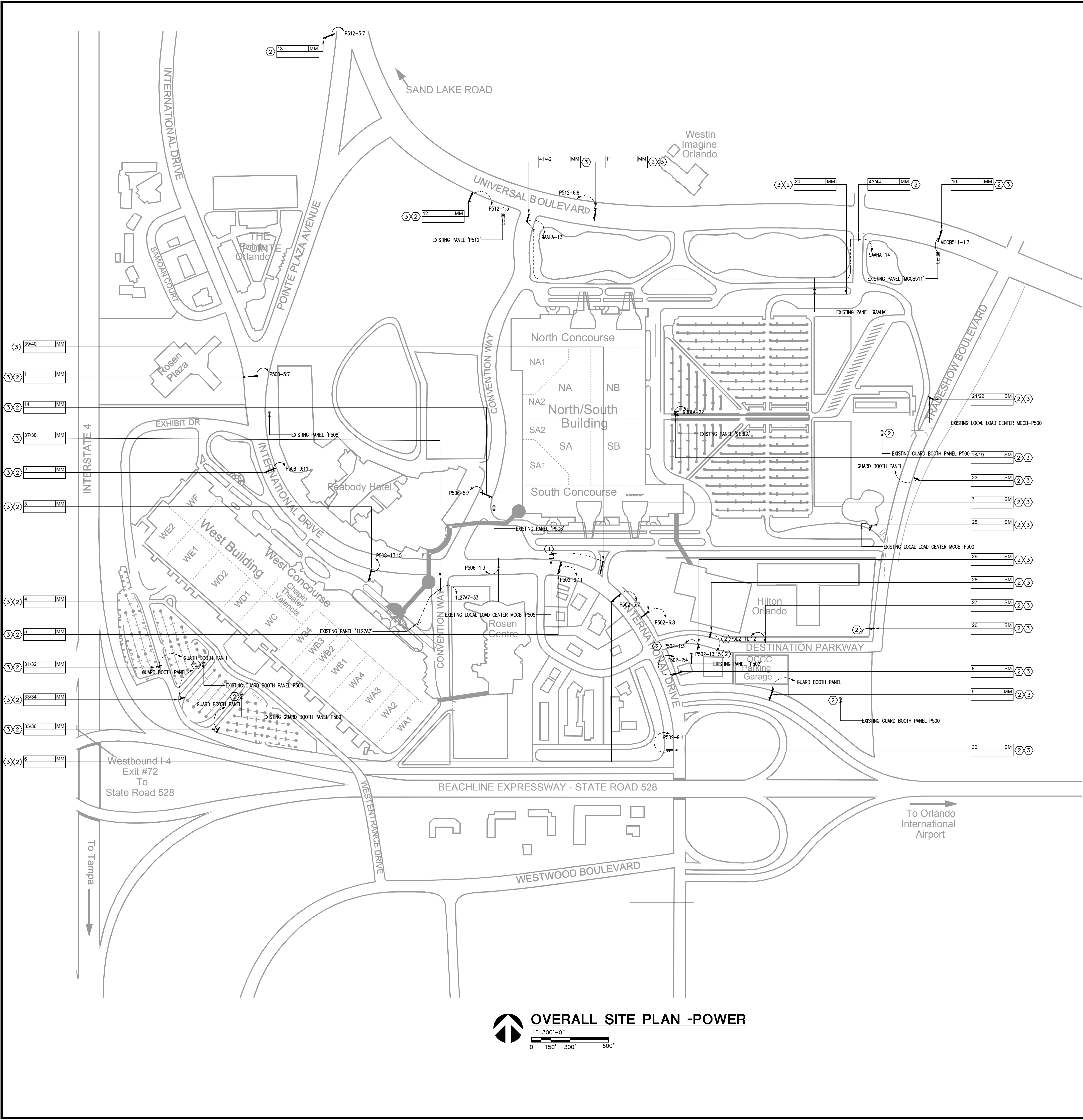
| SHEET NO. | ELECTRICAL SHEET INDEX FOR | SCALE |
|-----------|--|-----------|
| E001 | SYMBOL LEDGED AND GENERAL NOTES ELECTRICAL | NONE |
| E002 | SIGN SCHEDULES | NONE |
| E010 | OVERALL SITE PLAN - POWER | 1" = 300' |
| E011 | OVERALL SITE PLAN - SYSTEMS | 1" = 300' |
| E012 | AREA SITE PLAN - WEST BUILDING | 1" = 100' |
| E013 | AREA SITE PLAN - NORTHSOUTH BUILDING | 1" = 100' |
| E014 | AREA SITE PLAN - SOUTH | 1" = 100' |
| E015 | AREA SITE PLAN - N/W OF NORTHSOUTH BUILDING | 1" = 100' |
| E016 | AREA SITE PLAN - WESTWOOD BLVD | 1" = 100' |
| E3.1.01 | NORTH SOUTH BUILDING - LEVEL 1 PLANS - SYSTEMS | AS SHOWN |
| E3.2.01 | WEST BUILDING - LEVEL 2 PLANS - SYSTEMS | AS SHOWN |
| E801 | RISER DIAGRAMS (SINGLE MODE) SYSTEMS | NONE |
| E802 | RISER DIAGRAMS (MULTI MODE) SYSTEMS | NONE |
| E901 | ELECTRICAL DETAILS SYSTEMS | NONE |

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MATERN
PROFESSIONAL
ENGINEERING, INC.
ENG. BUS. NO. EB-0005095
CERT. OF AUTH. NO. 5095
130 Candace Drive
Maitland, FL 32751-3331
PHONE (407) 740-0020
FAX (407) 740-0365

Bid Documents
FEBRUARY 03, 2016

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OVERALL SITE PLAN -POWER
 1"=300'-0"
 0 150' 300' 600'

- GENERAL NOTES**
- 1) REFER TO GENERAL NOTES FOR THIS DISCIPLINE.
 - 2) REFER TO SPECIFICATIONS.
 - 3) ALL HEX NOTES NOT NECESSARILY USED ON ALL SHEETS.
 - 4) EXISTING CONDUIT ROUTING IS UNKNOWN.
 - 5) WHERE CONDUIT ROUTING IS SHOWN, THE CONDUITS ARE SHOWN FOR DIAGRAMMATIC PURPOSES AND ARE NOT NECESSARILY REPRESENTATIVE OF EXACT PLACEMENT.
 - 6) CONTRACTOR SHALL IDENTIFY/VERIFY LOCATION OF EXISTING CONDUITS/UTILITIES IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
 - 7) RELOCATE/REWORK EXISTING ELECTRICAL AS REQUIRED TO FACILITATE NEW BUILDINGS AND REMODELING OF EXISTING BUILDINGS.
 - 8) CONTRACTOR SHALL MAINTAIN GROUNDING CONTINUITY TO EXISTING DEVICES/BUILDINGS, VERIFY NEUTRAL IS GROUNDED AT ALL 208/120V PANELS AND ALL GROUNDING CONDUCTORS ARE BONDED PER CODE [ALL CONDUCTIVE SURFACES SHALL BE BONDED TO EQUIPMENT GROUND] AND REPLACE ANY ENCLOSURE/JUNCTION BOX COVERS NOT IN PLACE.
 - 9) CONTRACTOR SHALL PROVIDE AND INSTALL DUCT SEAL INTO ALL CONDUITS ENTERING AND LEAVING NEMA ENCLOSURES AND UNDERGROUND PULL BOXES. ALL EXISTING DUCT SEAL SHALL BE REMOVED AND REPLACED.

- HEX NOTES**
- ① REMOVE EXISTING LOAD CENTER IN ENTIRETY. PROVIDE NEW 100A HEAVY DUTY LOAD CENTER IN NEMA 3R ENCLOSURE TO BE MOUNTED ON SAME UNISTRUT SUPPORT. LOCATION AND SIZE OF CIRCUITS FED BY NEW DISCONNECT TO BE VERIFIED WITH OCCC STAFF PRIOR TO REMOVAL AND INSTALLATION.
 - ② ELECTRICAL CONTRACTOR TO VERIFY POWER SOURCE AND TO PROVIDE LABEL AT SIGNAGE TO INDICATE PANEL FEED. UNLABELED PANELS TO BE ASSIGNED A P500 DESIGNATION AND LOCAL DISCONNECTS A MCCB 500 DESIGNATION.
 - ③ ELECTRICAL CONTRACTOR TO INSTALL REQUIRED SURGE PROTECTION DEVICE (SPD) AT EACH OMS SIGN IN CONTROL JUNCTION BOX / ENCLOSURE [SEE DETAIL] BEFORE ANY OTHER DEVICES AND /OR TAPS. SQUARE D TVS120XR80S, EATON CHSP11MAX OR EQUIVALENT.

ORANGE COUNTY CONVENTION CENTER - DYNAMIC MESSAGE SIGNAGE UPGRADE

Key Plan

Revisions

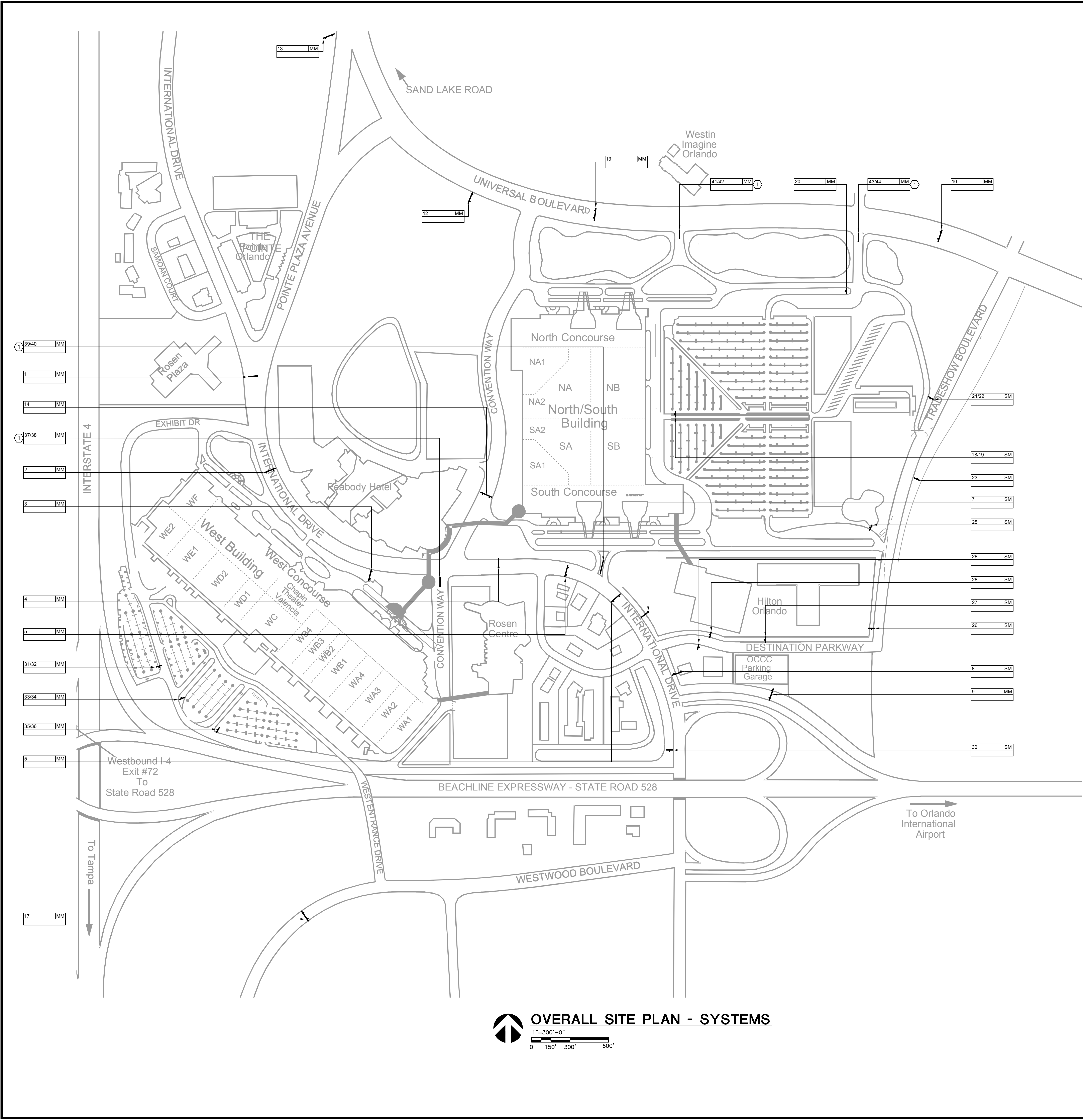
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MPE PROJ#: 2015-078

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| Designed By: | DAM |
| Drawn By: | DAM/DS |
| Checked By: | CET |
| Issue Date: | 02-03-2016 |
| Drawing Scale: | 1"=300'-0" |
| Drawing Title: | |

OVERALL SITE PLAN -POWER
 BID DOCUMENTS
 Drawing No.
E010

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OVERALL SITE PLAN - SYSTEMS
 1"=300'-0"
 0 150' 300' 600'

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- 8) CONTRACTOR SHALL MAINTAIN CONTINUITY TO EXISTING DEVICES/BUILDINGS REMAINING.
- 9) CONTRACTOR SHALL PROVIDE AND INSTALL DUCT SEAL INTO ALL CONDUITS ENTERING AND LEAVING NEMA ENCLOSURES AND UNDERGROUND FULL BOXES. ALL EXISTING DUCT SEAL SHALL BE REMOVED AND REPLACED.

HEX NOTES

① PROVIDE NEW NEMA BOX FOR MONUMENT SIGNS.

MATEM PROFESSIONAL ENGINEERING
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 Maitland, FL 32751-3331
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ORANGE COUNTY CONVENTION CENTER - DYNAMIC MESSAGE SIGNAGE UPGRADE

Key Plan

Revisions

| No. | Date | Description |
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| Designed By: DAM |
| Drawn By: DAM/DS |
| Checked By: CET |
| Issue Date: 02-03-2016 |
| Drawing Scale: 1"=300'-0" |
| Drawing Title: |

OVERALL SITE PLAN
 BID DOCUMENTS
 Drawing No.
E011

ORANGE COUNTY CONVENTION CENTER - DYNAMIC MESSAGE SIGNAGE UPGRADE

Key Plan

Revisions

| No. | Date | Description |
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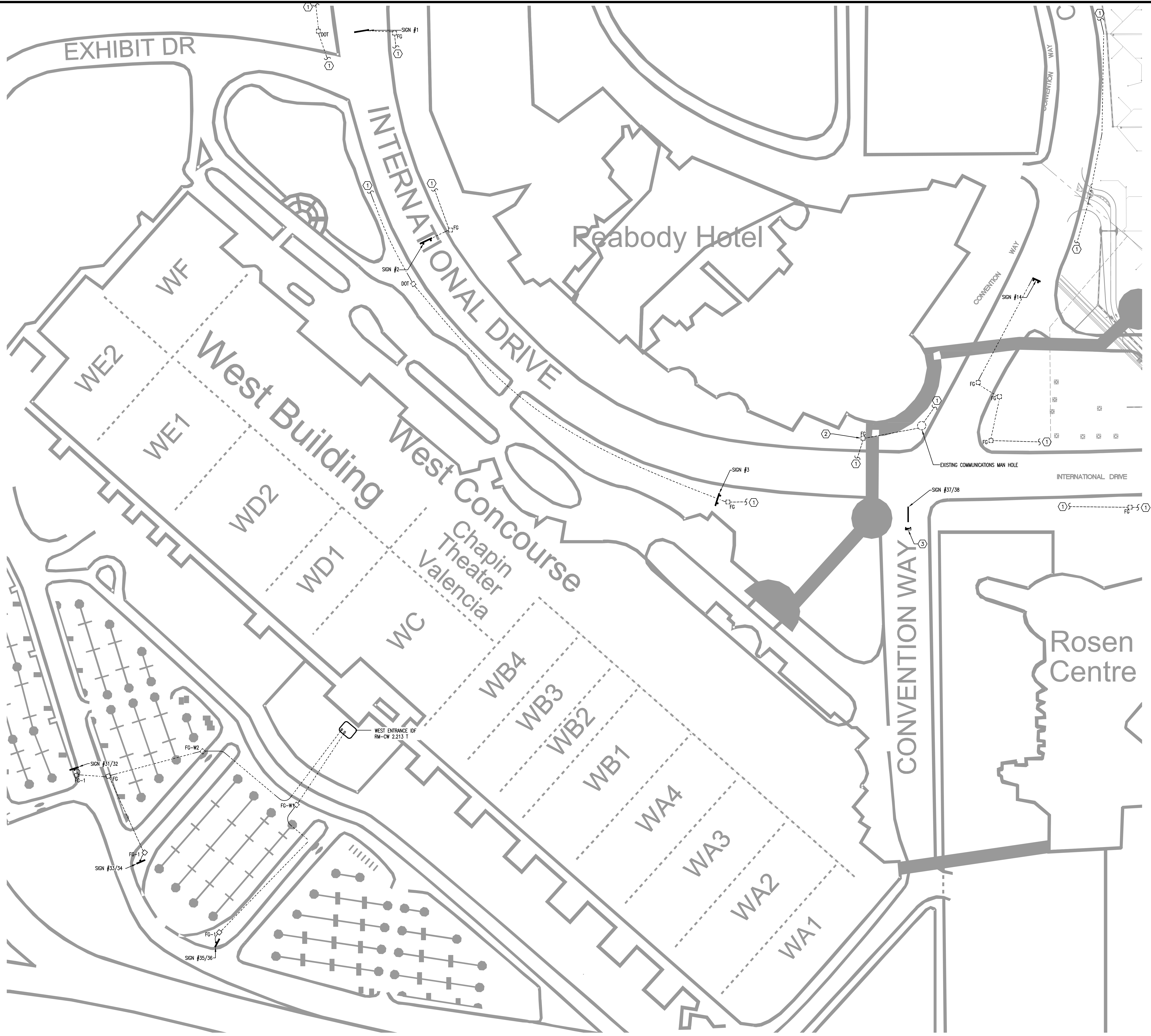
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| Designed By: | DAM |
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| Drawing Scale: | 1"=100'-0" |
| Drawing Title: | |

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HEX NOTES

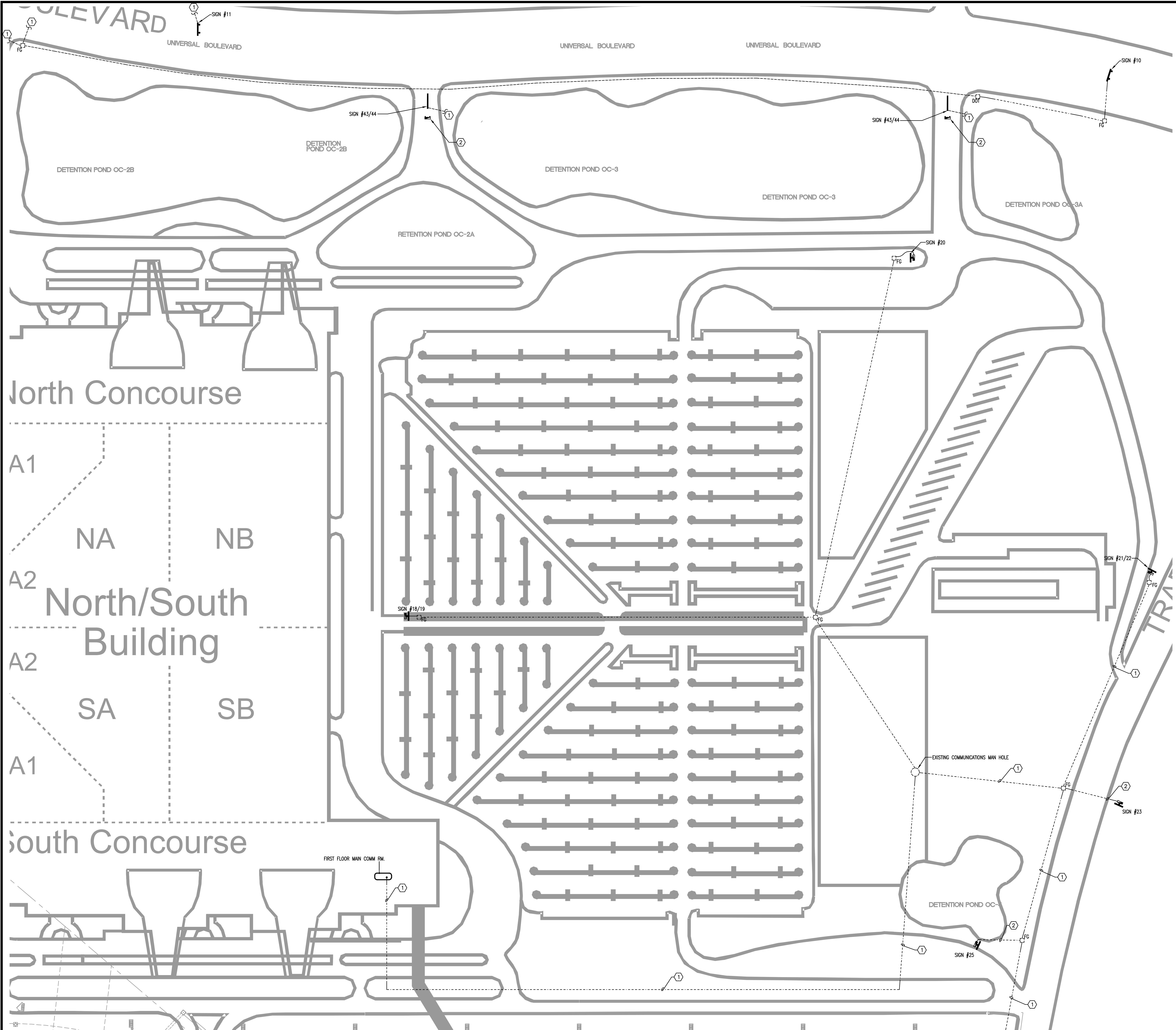
- FIBER ROUTING / SPLICE DETAIL ARE UNKNOWN. CONTRACTOR SHALL TRACE OUT FIBER AND CONDUIT ROUTING TO OCCC WEST BUILDING ENTRANCE AND PROVIDE AS PART OF AS-BUILT DOCUMENTATION. INFORMATION SHALL BE INDICATED ON SITE PLAN AND RISER DIAGRAM.
- EXISTING PULL BOX WITH FIBER OPTIC SPLICE CASE LOCATED IN SIDE WALK WEST OF FOUNTAIN.
- CONTRACTOR SHALL PROVIDE NEW NEMA ENCLOSURE. REFER TO DETAILS.



AREA SITE PLAN - WEST BUILDING
 1"=100'-0"
 0 50' 100' 200'

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AREA SITE PLAN - NORTH / SOUTH BUILDING
 1"=100'-0"
 0 50' 100' 200'

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ORANGE COUNTY CONVENTION CENTER - DYNAMIC MESSAGE SIGNAGE UPGRADE

Key Plan

Revisions

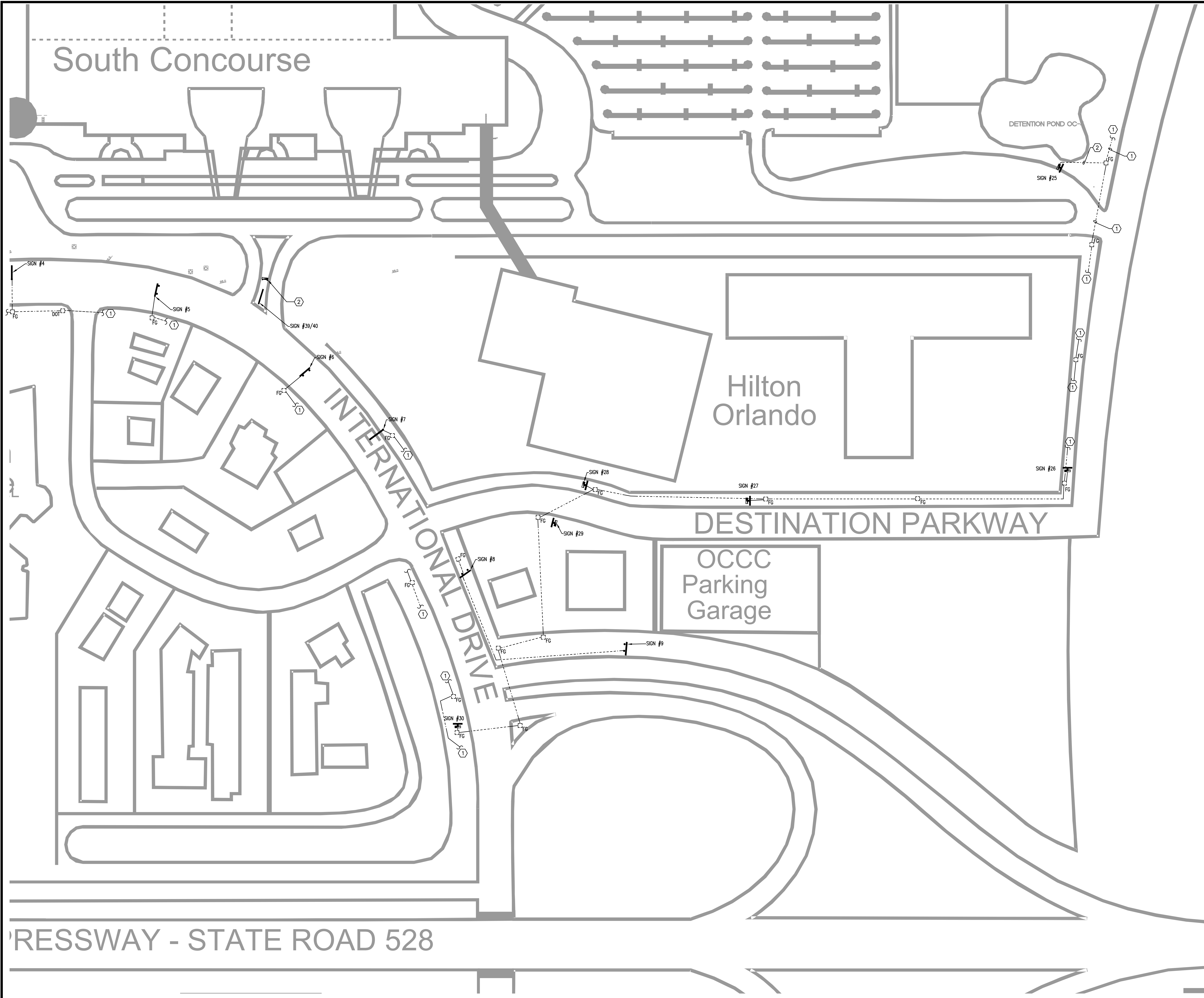
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| Drawn By: | DAM/DS |
| Checked By: | CET |
| Issue Date: | 02-03-2016 |
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AREA SITE PLAN NORTH / SOUTH BUILDING
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 Drawing No. **E013**

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 MATERN PROFESSIONAL ENGINEERING
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ORANGE COUNTY CONVENTION CENTER - DYNAMIC MESSAGE SIGNAGE UPGRADE

Key Plan

Revisions

| No. | Date | Description |
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| Designed By: DAM |
| Drawn By: DAM/DS |
| Checked By: CET |
| Issue Date: 02-03-2016 |
| Drawing Scale: 1"=100'-0" |
| Drawing Title: |
| AREA SITE PLAN SOUTH |
| BID DOCUMENTS |
| Drawing No. |
| E014 |

