

NORTH AND SOUTH ENTRANCE ENTRY RAMP DESIGN

UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH CENTRAL OFFICE BUILDING

200 CANAL STREET
NEW SMYRNA BEACH, FLORIDA 32168

PREPARED FOR
UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH, FLORIDA

BID DOCUMENTS

May 22, 2019

COVER

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

| REV. | DATE | BY | DESCRIPTION |
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2815 DIRECTORS ROW
SUITE 500
ORLANDO, FL 32809

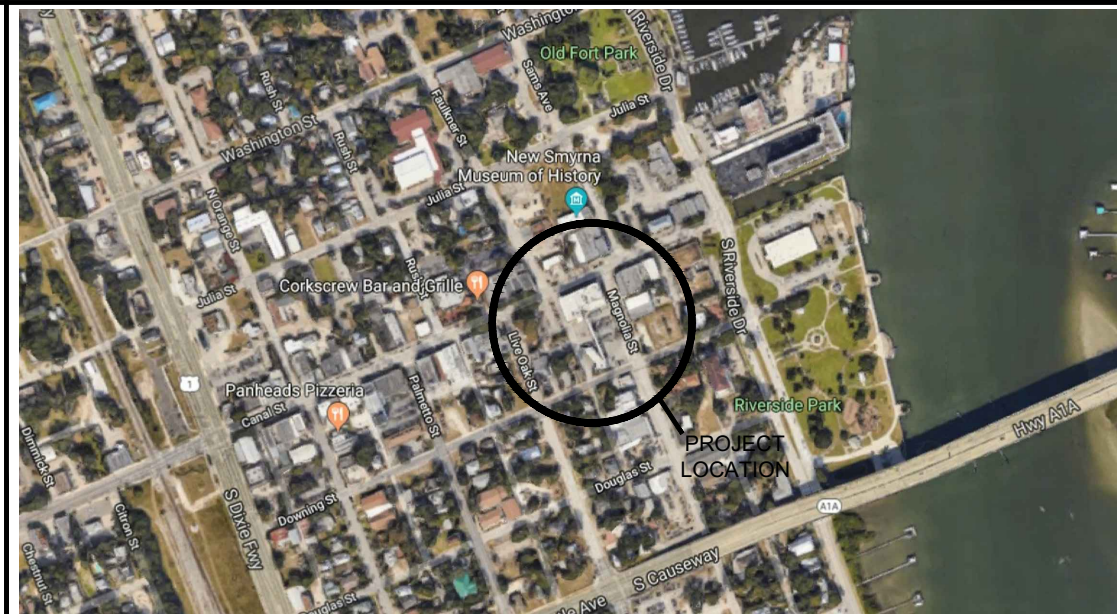


Geotechnical · Construction Materials
Environmental · Facilities

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VICINITY MAP



PROJECT SCOPE

SCOPE:
RENOVATION AND MODIFICATION OF NORTH AND SOUTH ENTRYWAYS
SCOPE AREA: 200 CANAL STREET, NORTH AND SOUTH ENTRANCES

Certificate of Authorization #26152

David Moore, P.E.
Registered, Florida 65659

G-001

| | |
|-----------------|----------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | AS SHOWN |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 001 |

SYMBOLS

AIR HANDLING EQUIPMENT

- AC UNIT ON CURB
- AC UNIT ON SLEEPERS
- ATTIC VENT
- CAPPED CURB
- CURB MOUNTED VENT
- DUCT PENETRATION
- EXHAUST FAN
- EVAP. COOLER
- LOUVRED VENT
- MECHANICAL UNIT
- ROUND GOOSENECK (DUCT)
- SQUARE GOOSENECK (DUCT)
- TURBINE VENT

CORES/MOISTURE

- MOISTURE PROBE - DRY
- MOISTURE PROBE - MOIST
- MOISTURE PROBE - WET
- MOISTURE RELIEF VENT
- ROOF PATCH

CRICKETS

- CRICKET
- SADDLE
- DETAIL

DISTANCES/DIMENSIONS

- BF+6" BASE FLASHING HEIGHT
- CENTER LINE
- CENTER LINE (PLUS)
- CF+8" COUNTER FLASHING HEIGHT
- IDENTITY #
- SECTION OPTION
- TC+6" TOP OF CURB OF COPING
- TYPICAL (TYP)

CHIMNEYS

- HOT STACK
- MASONRY CHIMNEY

CORES/MOISTURE

- CORE SAMPLE
- CORE SAMPLE W/IDENTIFIER
- CONFIRMED MOISTURE DAMAGE

DRAINAGE

- CONDENSATION DRAIN LINE
- DOWNSPOUT
- GUTTER
- OVERFLOW DRAIN
- ROOF DRAIN
- ROOF DRAIN IN SUMP
- SCUPPER
- OVERFLOW SCUPPER
- SCUPPER W/ CONDUCTOR HEAD
- SPLASH BLOCK
- WALL DRAIN

FLAG POLE

- FLAG POLE
- FLAG POLE W/ GUY WIRES
- LIGHT

LIGHTING PROTECTION

- LIGHTING TERMINAL & CONDUCTOR

PENETRATIONS

- FAN
- GAS LINE PENETRATION
- GRAVITY VENT
- GUY WIRE ANCHOR
- PIPE CHASE
- PIPE PENETRATION
- PITCH PAN
- PLUMBING VENT
- POWER ROOF VENT
- ROOF HATCH
- ROOF HATCH W/ PAVERS
- ROOF HATCH W/ WALKWAY
- ROOF VENT PIPE
- POWER VENT
- SATELLITE DISH
- SKYLIGHT
- SOLAR COLLECTOR

PERIMETERS

- ADJACENT BUILDING
- AREA DIVIDER
- EXPANSION JOINT
- GRAVEL STOP OR METAL FASCIA
- PARAPET WALL
- PENTHOUSE
- RAISED ROOF EDGE
- RIDGE
- TRANSITION WALL
- VALLEY

PHOTOGRAPHIC

- PHOTOGRAPH
- THERMOGRAM

PIPE RUNS

- ELECTRIC CONDUIT
- FIRE SPRINKLER LINE
- GAS LINE

MISCELLANEOUS

- ABANDONED
- ANTENNA
- AREA DENOTES 4' WIDE STRIP AT PERIMETER WHERE 1/2" PLYWOOD TO BE USED INSTEAD OF 1/2" FIBREBOARD (PLY)
- BALLAST
- COLUMN CAP
- LADDER
- MECHANICAL SCREEN
- NOT INCLUDED IN CONTRACT
- NORTH ARROW
- SLOPE
- TRANSFORMER
- WALKWAY - RAISED
- TRANSITION WALL
- BLISTERING
- DEBRIS
- LEAK AREA
- MEMBRANE HOLE
- PICTURE FRAMING
- PONDING
- RIDGING
- SPLIT MEMBRANE
- VEGETATION

ROOF CONDITIONS

- BLISTERING
- DEBRIS
- LEAK AREA
- MEMBRANE HOLE
- PICTURE FRAMING
- PONDING
- RIDGING
- SPLIT MEMBRANE
- VEGETATION

CODE INFORMATION

APPLICABLE CODES

| | | | |
|--------------|--------|-----------|------|
| Building : | F.B.C. | Edition : | 2017 |
| Mechanical : | N/A | Edition : | - |
| Plumbing : | F.B.C. | Edition : | 2017 |
| Gas : | N/A | Edition : | - |
| Electrical : | F.B.C. | Edition : | 2017 |
| Fire : | N/A | Edition : | - |
| A.D.A. : | N/A | Edition : | - |
| Energy : | F.B.C. | Edition : | 2017 |

OCCUPANCY

Occupancy(s) / Group Classification : _____
(EPCOT BC 501.1)

CONSTRUCTION

Type of Construction : TBD Protected or Unprotected : UNPROTECTED
Sprinklered or Non-sprinklered : SPRINKLERED

DESIGN CRITERIA

ROOF LIVE LOAD - 20 PSF

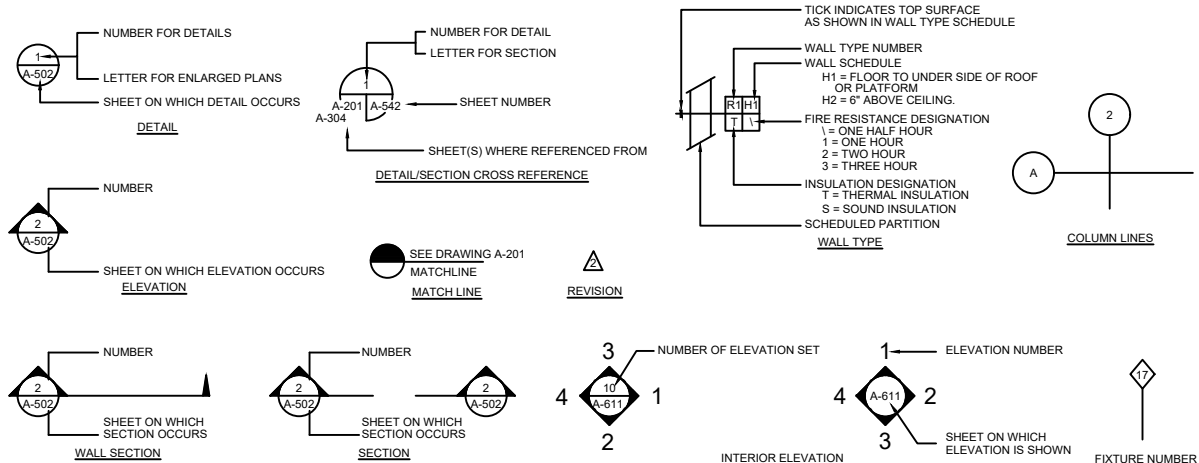
DESIGN WIND SPEED - 150 MPH (FOR 3 SECOND GUSTS)

RISK CATEGORY IV

SURFACE ROUGHNESS C

ENCLOSED BUILDING

SECTIONS

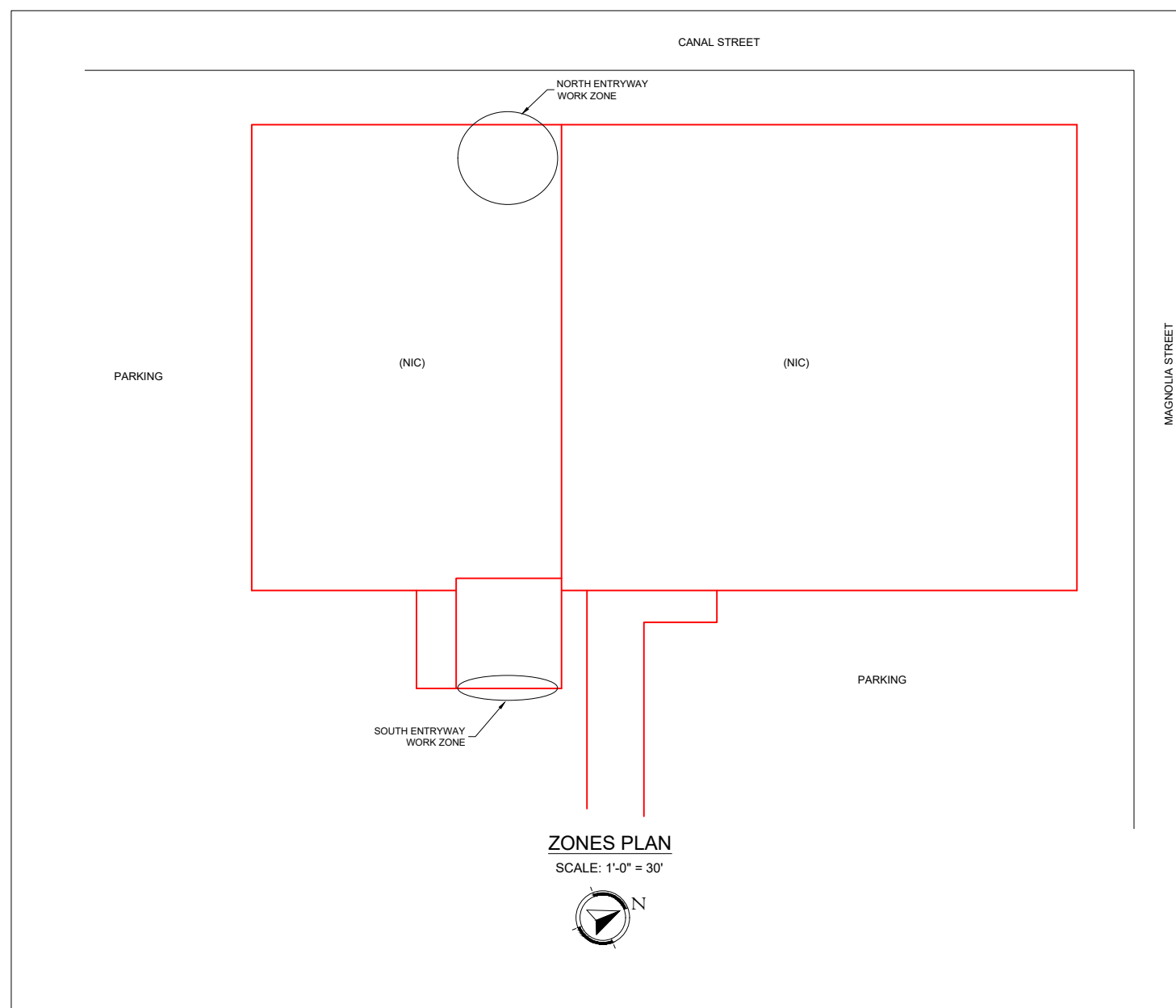


MATERIALS LEGEND

| | | | |
|--|---|--|------------------------|
| | POLYISOCYANURATE | | TONGUE & GROOVE |
| | LWIC-LIGHT WEIGHT INSULATED CONCRETE | | GLASS |
| | DENS-DECK | | GYPSUM BOARD |
| | BATT INSULATION | | METAL |
| | PORTLAND CEMENT PLASTER | | PLYWOOD |
| | PORTLAND CEMENT PLASTER OVER METAL LATH | | WOOD BLOCKING |
| | EXTERIOR INSULATION & FINISH SYSTEM | | CONTINUOUS WOOD MEMBER |
| | COMPRESSIBLE FILLER | | FINISHED WOOD MEMBER |
| | CONCRETE | | EARTH |
| | CONCRETE MASONRY UNIT | | |

ABBREVIATIONS

| | | | |
|--------|-----------------------|------------|-------------------|
| A/C | AIR CONDITIONING | INSUL | INSULATION |
| AFF | ABOVE FINISHED FLOOR | JT | JOINT |
| @ | AT | LAM | LAMINATE |
| BD | BOARD | LAV | LAVATORY |
| BLDG | BUILDING | LP | LOW POINT |
| BLK | BLOCK | MAX | MAXIMUM |
| BLKG | BLOCKING | MECH | MECHANICAL |
| BUR | BUILD UP ROOFING | MTL | METAL |
| CL | CENTER LINE | MIN | MINIMUM |
| CJ | CONTROL JOINT | MO | MASONRY OPENING |
| CLG | CEILING | NA | NOT APPLICABLE |
| CMU | CONCRETE MASONRY UNIT | NIC | NOT IN CONTRACT |
| COL | COLUMN | OC | ON CENTER |
| CONC | CONCRETE | OPNG | OPENING |
| CONT | CONTINUOUS | PL | PLATE |
| CJ | CONDENSING UNIT | PLAS. LAM. | PLASTIC LAMINATE |
| DIA | DIAMETER | PLYWD | PLYWOOD |
| DN | DOWN | PT | PRESSURE TREATED |
| DS | DOWN SPOUT | RAD | RADIUS |
| DWG | DRAWING | RD | ROOF DRAIN |
| EWG | ELECTRIC WATER COOLER | REQD | REQUIRED |
| EJ | EXPANSION JOINT | SS | STAINLESS STEEL |
| EL | ELEVATION | SUSP. CLG. | SUSPENDED CEILING |
| EXP | EXPANSION | STL | STEEL |
| EXSTG | EXISTING | SQ | SQUARE |
| FP | FIREPROOF | THK | THICK |
| FJ | FIELD JOINT | TREAT'D | TREATED |
| FIN | FINISH | TOM | TOP OF MASONRY |
| FL | FLOOR | TOS | TOP OF STEEL |
| FLASHG | FLASHING | TYP | TYPICAL |
| GA | GALVE | VTR | VENT THRU ROOF |
| GALV | GALVANIZED | VIF | VERIFY IN FIELD |
| GL | GLASS | W/ | WITH |
| HM | HOLLOW METAL | W/O | WITHOUT |
| HP | HIGH POINT | WD | WOOD |



LEGEND AND GENERAL INFORMATION

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REV. DATE BY DESCRIPTION

2815 DIRECTORS ROW
SUITE 500
ORLANDO, FL 32809



Geotechnical · Construction Materials
Environmental · Facilities

Certificate of Authorization #26152

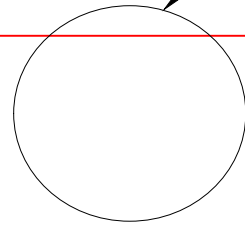
David Moore, P.E.
Registered, Florida 65659

G-002

| | |
|-----------------|----------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | AS SHOWN |
| DATE: | 12-28-18 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 002 |

CANAL STREET

NORTH ENTRYWAY
WORK ZONE



(NIC)

(NIC)

PARKING

MAGNOLIA STREET

SOUTH ENTRYWAY
WORK ZONE



OVERHEAD
TUNNEL

DRIVE

PARKING

AREA OF WORK

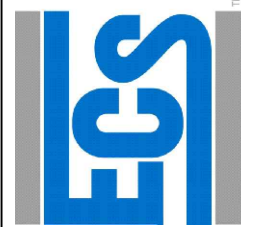
AREA OF WORK

ENTRY RAMP DESIGN
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NEW SMYRNA, FLORIDA

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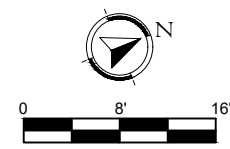
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AD-101

| | |
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| DESIGNED BY: | DM |
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| SCALE: | AS SHOWN |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 003 |



GENERAL REQUIREMENTS

A. GENERAL:

1. WORK INCLUDES ALL SPECIFIED WORK CALLED OUT IN MINIMUM PERFORMANCE REQUIREMENT SPECIFICATIONS AND DRAWINGS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL SPECIFIED REQUIREMENTS NECESSARY TO PROVIDE FOR COMPLETED WORK BEING SOUND, DURABLE AND WATERTIGHT.
3. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL CONTRACTED WORK IN STRICT ACCORDANCE WITH PROJECT REQUIREMENTS AND/OR MANUFACTURER REQUIREMENTS WHICHEVER IS MORE STRINGENT.
4. THE DRAWINGS REPRESENT THE FINAL NORTH AND SOUTH ENTRYWAY SYSTEMS. THE CONSULTANT OR OWNER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, OR SEQUENCES FOR PROCEDURE OF CONSTRUCTION.
5. ONLY ONE ENTRANCE SHALL BE WORKED ON AT A TIME.

B. PREPARATION:

1. CONDUCT A COMPLETE INVESTIGATION OF THE EXISTING PROJECT CONDITIONS TO IDENTIFY THE AREAS OF WORK, EXTENT OF WORK AND CONSIDERATIONS REQUIRED TO COMPLETE THE WORK. NO CONSIDERATION WILL BE GIVEN TO CLAIMS BASED ON A DIFFERENCE BETWEEN ACTUAL AND ASSUMED CONDITIONS. COORDINATE ALL SITE INSPECTIONS WITH OWNER'S REPRESENTATIVES.
2. TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS AND CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR BEFORE COMMENCING ACTIVITIES. FIELD MEASUREMENTS MUST BE TAKEN. DESTRUCTIVE ANALYSIS DURING THE BID PREPARATION IS ALLOWABLE TO FIELD VERIFY ALL CONDITIONS. CONTRACTORS SHALL BE RESPONSIBLE FOR EFFECTIVELY REPAIRING ANY FIELD CUTS THE SAME DAY OF INSPECTION TO OWNER'S SATISFACTION. COORDINATE ALL ACTIVITIES WITH OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH DESTRUCTIVE TESTING.
3. DRAWINGS FROM ORIGINAL CONSTRUCTION ARE NOT AVAILABLE FOR THIS PROJECT. OWNER NOR CONSULTANT ARE RESPONSIBLE FOR ERRORS OR MISINTERPRETATIONS RESULTING FROM THE USE OF BID DOCUMENTS.

C. PROJECT CONDITIONS:

1. PROTECT THE BUILDING, THE PROPERTY, THE BUILDING OCCUPANTS AND THEIR PROPERTY.
2. PROVIDE PROTECTIVE BARRICADES, ENCLOSURES, DIRECTIONAL AND WARNING SIGNAGE AND OTHER METHODS TO ASSURE SAFE PASSAGE OF PEDESTRIANS AND VEHICLES IN, NEAR AND AFFECTED BY AREAS OF THE WORK. PROVIDE M.O.T. AS NECESSARY FOR VEHICLES AND PEDESTRIAN SAFETY.
3. DO NOT DISRUPT SERVICES OR BLOCK EGRESS. THERE SHALL BE NO INTERFERENCE WITH LIFE SAFETY FEATURES.
4. KEEP ALL AREAS IN A WATERTIGHT CONDITION THROUGHOUT CONSTRUCTION PERIOD. CONTRACTOR SHALL PROVIDE AND BEAR ALL COSTS ASSOCIATED WITH TEMPORARY WATERPROOFING.
5. IN CASE OF A STORM EVENT OR OTHER NATURAL OCCURRENCES, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL OF CONSTRUCTION EQUIPMENT AND MATERIALS FROM PROJECT SITE AND/OR SUFFICIENTLY STORED AT LOCATIONS ACCEPTABLE TO OWNER(S).
6. ALL CONSTRUCTION ACTIVITIES APPROVED BY OWNER SHALL BE CONDUCTED AT TIMES PRE-APPROVED BY THE OWNER IN ACCORDANCE WITH THE APPROVED PROJECT SCHEDULE. CONTRACTOR SHALL PROVIDE SUFFICIENT MANPOWER AND EQUIPMENT TO COMPLETE CONTRACTED WORK WITHIN ALLOTTED SCHEDULE.
7. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION, SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS.)
8. BUILDING INTERIOR SHALL BE PROTECTED FROM CONSTRUCTION DEBRIS, DUST, IMPEDIMENT, ETC. PARKING AREA SHALL BE FENCED OFF TO PROTECT VISITOR AND EMPLOYEE VEHICLES FROM DEMOLITION ACTIVITIES. DEBRIS PARTITION MAY BE REQUIRED BASED ON FIELD CONDITIONS.

D. SUMMARY OF WORK

1. REMOVE EXISTING INTERIOR NORTH ENTRYWAY LANDING AND RAMP FLOOR FINISHES AND SLAB INTERFERING WITH THE NEW ENTRYWAY DOWN TO EXISTING SUBGRADE.
2. REMOVE EXISTING EXTERIOR CONCRETE SIDEWALK UNDER RAMPS, LANDING, AND STEP FOOTPRINT.
3. REMOVE THE EXISTING EXTERNAL AND INTERNAL DOUBLE-DOOR-STORE-FRONT ENTRANCE AND ASSOCIATED EXTERIOR WINDOWS AT NORTH ENTRYWAY AS NEEDED FOR THE INSTALLATION OF NEW STOREFRONT SYSTEM.
4. GRADE EXISTING SUBGRADE AS NEEDED TO PROVIDE A SMOOTH COMPACTED SUBGRADE, MATCHING EXISTING SUBGRADE LAYER THICKNESSES, TO PROPOSED ENTRYWAY FLOOR, STEP, RAMPS BOTTOM ELEVATIONS.
5. PLACE A REINFORCED CONCRETE SLAB-ON-GRADE, STEP, AND RAMPS TO MATCH THE EXISTING SLAB-ON-GRADE THICKNESS AND PROJECT ELEVATIONS.
6. INSTALL FINISHES ALONG EXISTING CEILING AND GLASS STORE FRONT AT PROJECT LOCATIONS. FINISHES TO BE APPROVED BY OWNER.
7. INSTALL RAMP AND STEP HANDRAILS. HANDRAIL MODEL AND FINISH TO BE SELECTED BY OWNER. (TRI TECH, INC. WASHINGTON HANDRAIL OR EQUIVALENT.)
8. INSTALL AUTOMATIC SLIDING DOOR WITH A HURRICANE RATING PER MANUFACTURER INSTRUCTIONS AT NORTH ENTRYWAY. DOOR SIZE TO MATCH THE NEW OPENING. DOOR MODEL AND FINISH TO BE APPROVED BY THE OWNER. (STANLEY BI-PART DURASTORM 3000 OR EQUIVALENT.)
9. INSTALL FLOOR, STEP, AND RAMPS SLAB-ON-GRADE FINISHES. FINISH TYPE AND MODEL TO BE SELECTED BY THE OWNER. FINISHES WILL INCLUDE 12-INCH BY 12-INCH WHITE CERAMIC FLOOR TILES, AND RED COLORED CONCRETE TO MATCH EXISTING RED SIDEWALK CONCRETE.
10. REMOVE EXISTING EXTERIOR SOUTH ENTRYWAY CONCRETE RAMP, ASPHALT PAVEMENT AS REQUIRED. REMOVE BOLLARDS AND REPLACE AS SHOWN ON DRAWINGS.
11. INSTALL PROPOSED SOUTH ENTRYWAY CONCRETE RAMP AND HANDRAIL SYSTEM. HANDRAIL MODEL AND FINSH TO BE SELECTED BY OWNER. (TRI TECH, INC. WASHINGTON HANDRAIL OR EQUIVALENT.)
12. REMOVE EXISTING STORE-FRONT-ENTRANCE DOOR AND ASSOCIATED EXTERIOR WINDOWS AS NEEDED FOR THE INSTALLATION OF NEW STOREFRONT SYSTEM. (STANLEY BI-PART DURASTORM 3000 OR EQUIVALENT.)
13. INSTALL AUTOMATIC SLIDING DOOR WITH A HURRICANE RATING PER MANUFACTURER INSTRUCTIONS AT SOUTH ENTRYWAY. DOOR SIZE TO MATCH EXISTING OPENING SIZE. DOOR MODEL AND FINISH TO BE APPROVED BY THE OWNER. (ACCESS CONTROL / LOCK CONTROL PER U.C.M.S.B. ACCESS PANELS.)
14. REPAIR ALL FINISHES DAMAGED DURING CONSTRUCTION TO ORIGINAL CONDITION AS NEEDED. SPECIALTY PANELS MUST BE PROTECTED BY EXCESSIVE MEANS.
15. INSTALL FLOORS, STEPS, RAMPS, CONCRETE, SUBGRADE, DOORS, AND HANDRAILS TO MEET FLORIDA BUILDING CODE 2017 EDITION REQUIREMENTS AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
16. PROVIDE CONTRACTORS 2-YEAR WATER TIGHT WARRANTY.
17. PROVIDE BID, PAYMENT AND PERFORMANCE BONDS AS REQUIRED BY OWNER.

18. DISPOSE OF ALL DEBRIS IN A LEGAL MANNER.

E. SUBSTITUTIONS:

1. PRODUCTS AND DESIGN OF SYSTEMS INDICATED ON THE DESIGN DRAWINGS AND WITHIN THESE SPECIFICATIONS SHALL BE CONSIDERED AS "SPECIFIED STANDARD" OF QUALITY. NO SUBSTITUTIONS SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE CONSULTANT.

C. CODES AND STANDARDS:

1. ALL WORK SHALL BE IN STRICT COMPLIANCE WITH THE 2017 FLORIDA BUILDING CODE AND AUTHORITIES HAVING JURISDICTION.
2. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND PAY ALL FEES.

E. PRODUCTS:

1. ALL PRODUCTS, ETC., SHALL BE NEW UNLESS OTHERWISE NOTED, AND AS SPECIFIED FREE OF DEFECTS AS SHOWN ON THE DRAWINGS AND AS INDICATED IN THESE SPECIFICATIONS.

F. WORKMANSHIP:

1. ALL MATERIALS SHALL BE FABRICATED AND INSTALLED IN A NEAT AND WORKMANLIKE MANNER WITH THE COORDINATION OF ALL INVOLVED TRADES TO AVOID INTERFERENCES AND DELAY DUE TO LACK OF COORDINATION. NO ALLOWANCES WILL BE MADE FOR REWORK DUE TO COORDINATION DIFFICULTIES OR INTERFERENCES BETWEEN INVOLVED TRADES.

NOTES

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

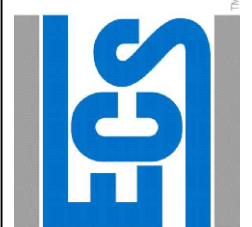
DESCRIPTION

BY

DATE

REV.

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Geotechnical · Construction Materials
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A-101

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| SCALE: | AS SHOWN |
| DATE: | 5-13-19 |
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| SHEET NUMBER: | 004 |

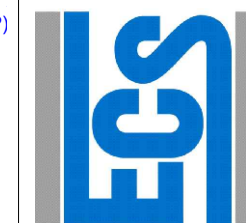
PLAN VIEW - NORTH ENTRYWAY

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

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A-102

DESIGNED BY: DM
DRAWN BY: SAS
APPROVED BY: GJY
SCALE: N.T.S.
DATE: 5-13-19
PROJECT NUMBER: 54-1187
SHEET NUMBER: 005

REPLACE EXISTING AWNING LIGHT FIXTURE, LIGHT FIXTURE TYPE(S) AND LOCATION(S) TO BE APPROVED BY OWNER. (ELECTRICAL TO BE DESIGNED AND PROVIDED BY CONTRACTOR TO MEET AHJ AND FLORIDA BUILDING CODE REQUIREMENTS)

REMOVE EXISTING INTERIOR DOORS AND INTERIOR DOOR-WALL STORE FRONT

REMOVE EXISTING ENTRYWAY RAMP AND REPLACE WITH CONCRETE SLAB-ON-GRADE LEVEL WITH EXISTING LOBBY SLAB-ON-GRADE. (USE 12-INCH BY 12-INCH WHITE CERAMIC TILE FINISH TO MATCH EXISTING INTERIOR TILE STYLE AND ELEVATION)

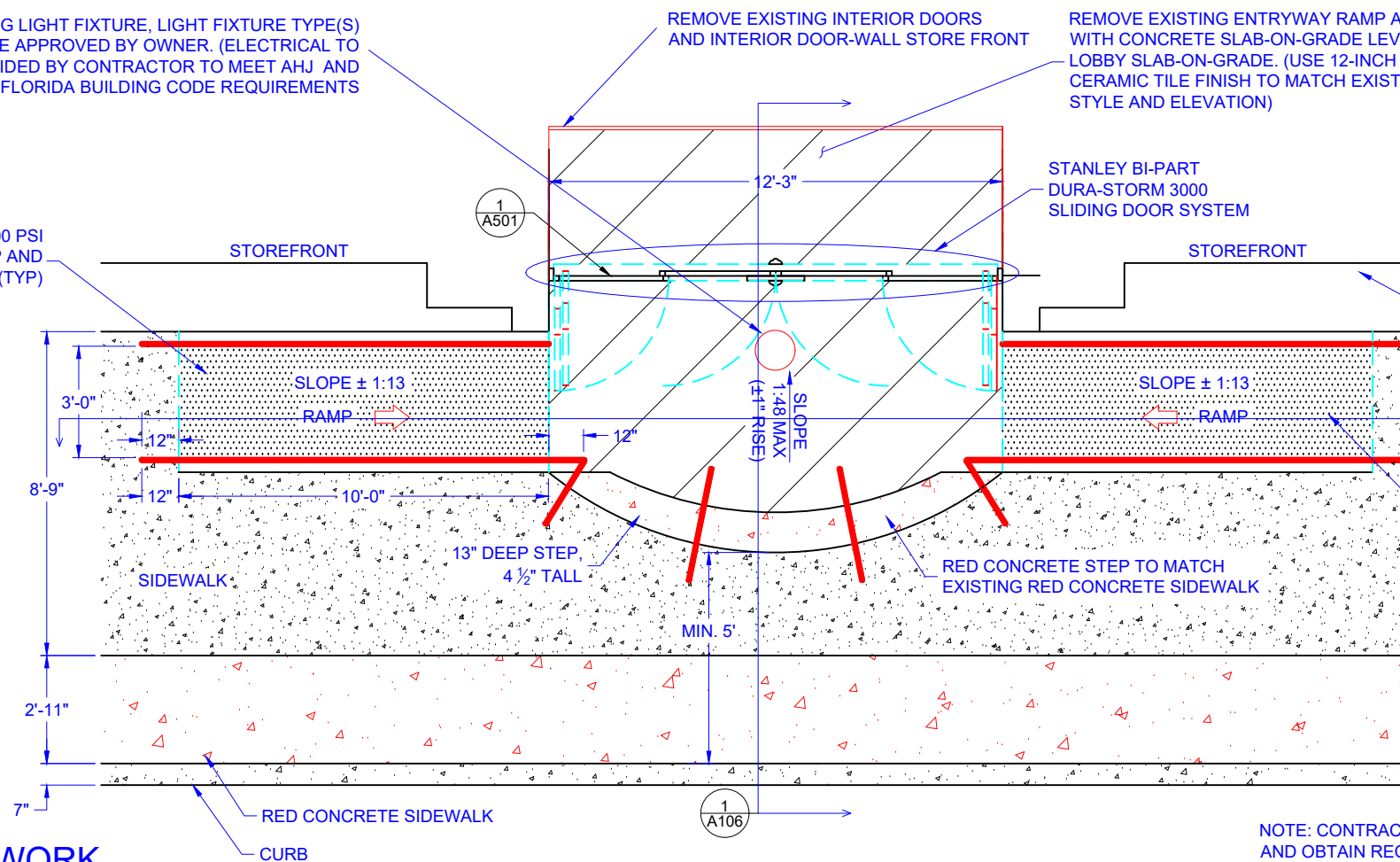
STANLEY BI-PART DURA-STORM 3000 SLIDING DOOR SYSTEM

CONTRACTOR SHALL PROTECT BUILDING, AND PEDESTRIANS FROM DUST, AND DEBRIS. CONTRACTOR SHALL PROVIDE SCREENING. (TYP)

BROOM FINISHED FIBER REINFORCED (3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS) CONCRETE RAMP LANDING TO MATCH EXISTING CONCRETE SIDEWALK (TYP)

NOTE: CONTRACTOR SHALL CLOSE SIDEWALK DURING CONSTRUCTION AND OBTAIN REQUIRED PERMITS TO DO SO, INCLUDING A CITY RIGHT OF WAY PERMIT.

BROOM FINISHED FIBER REINFORCED (3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS) CONCRETE RAMP AND LANDING TO MATCH EXISTING CONCRETE SIDEWALK (TYP)

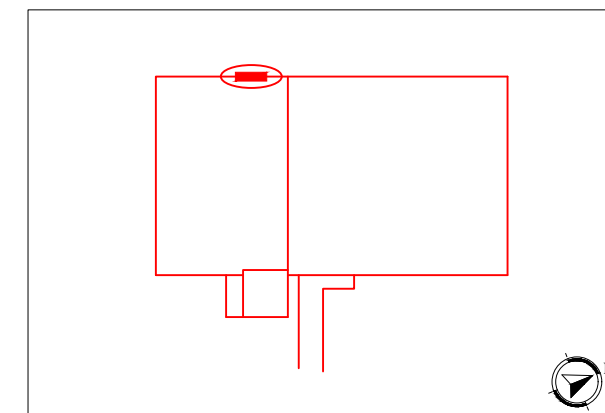


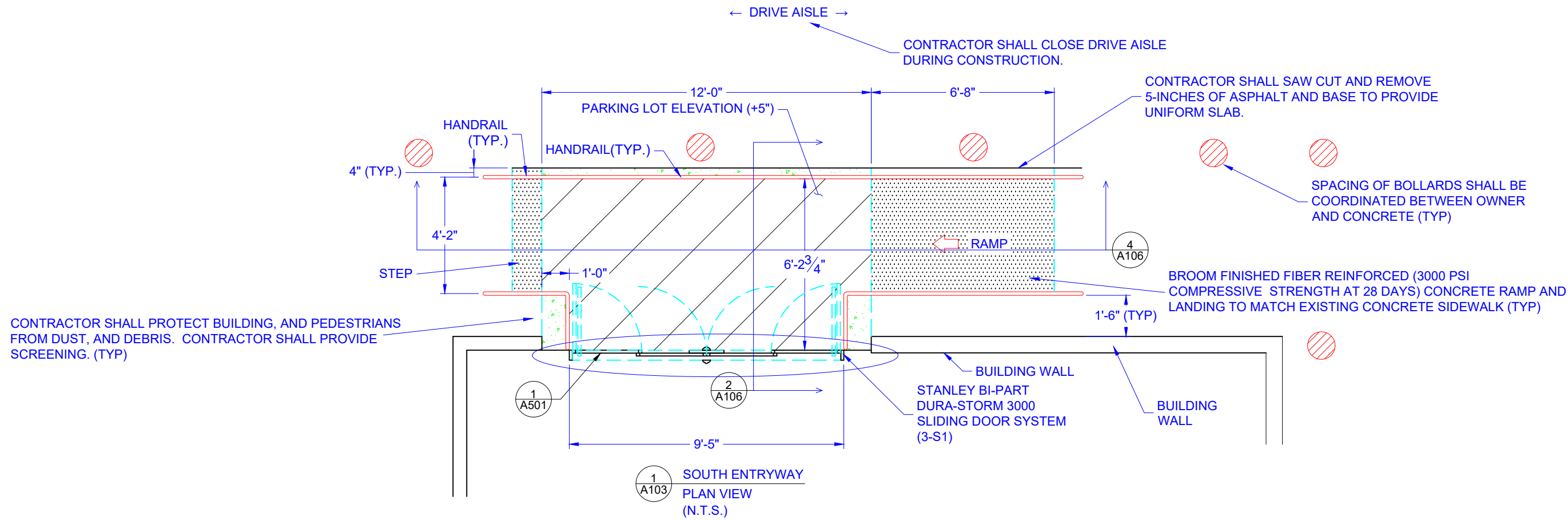
* SEE SUMMARY OF WORK

| LEGEND | |
|--------|------------------|
| | CONCRETE LANDING |
| | CONCRETE RAMP |

NOTE: ALL DIMENSIONS ARE APPROXIMATE, DIMENSIONS WILL NEED TO BE VERIFIED AFTER FINISHES ARE REMOVED.

1 NORTH ENTRYWAY
A102 BASIS OF DESIGN
(N.T.S.)





CONTRACTOR SHALL PROTECT BUILDING, AND PEDESTRIANS FROM DUST, AND DEBRIS. CONTRACTOR SHALL PROVIDE SCREENING. (TYP)

← DRIVE AISLE →
 CONTRACTOR SHALL CLOSE DRIVE AISLE DURING CONSTRUCTION.

CONTRACTOR SHALL SAW CUT AND REMOVE 5-INCHES OF ASPHALT AND BASE TO PROVIDE UNIFORM SLAB.

SPACING OF BOLLARDS SHALL BE COORDINATED BETWEEN OWNER AND CONCRETE (TYP)

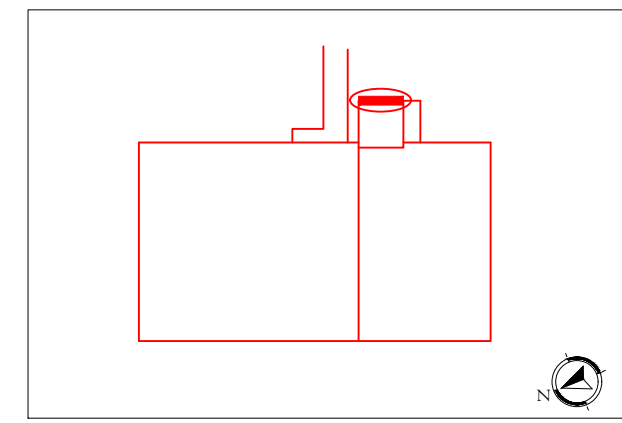
BROOM FINISHED FIBER REINFORCED (3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS) CONCRETE RAMP AND LANDING TO MATCH EXISTING CONCRETE SIDEWALK (TYP)

BUILDING WALL
 STANLEY BI-PART DURA-STORM 3000 SLIDING DOOR SYSTEM (3-S1)
 BUILDING WALL

* SEE SUMMARY OF WORK

| LEGEND | |
|--------|------------------|
| | CONCRETE LANDING |
| | CONCRETE RAMP |

NOTE:
 ALL DIMENSIONS ARE APPROXIMATE, DIMENSIONS WILL NEED TO BE VERIFIED AFTER FINISHES ARE REMOVED.

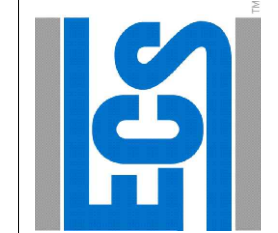


PLAN VIEW - SOUTH ENTRYWAY

ENTRY RAMP DESIGN
 200 CANAL STREET
 NEW SMYRNA, FLORIDA

| REV. | DATE | BY | DESCRIPTION |
|------|------|----|-------------|
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2815 DIRECTORS ROW
 SUITE 500
 ORLANDO, FL 32809

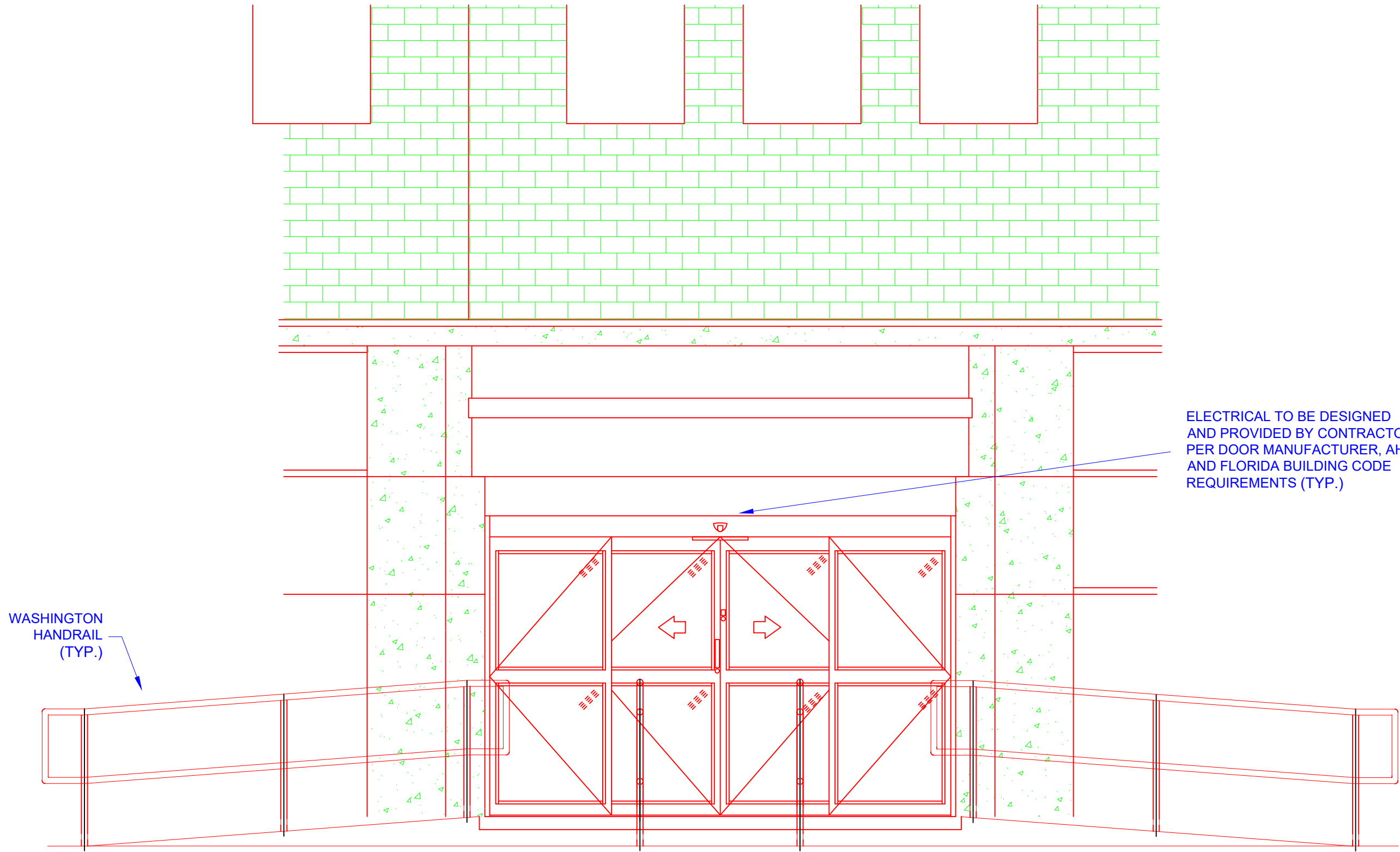


Certificate of Authorization #26152

David Moore, P.E.
 Registered, Florida 65659

A-103

| | |
|-----------------|---------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | N.T.S. |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 006 |



1 NORTH ENTRYWAY
A104 SCALE: 3/8" = 1'

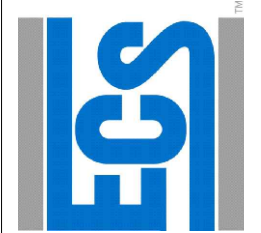
NOTE:
ALL DIMENSIONS ARE APPROXIMATE, DIMENSIONS WILL NEED TO BE
VERIFIED AFTER FINISHES ARE REMOVED.

ELEVATION VIEW - NORTH ENTRYWAY

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

| REV. | DATE | BY | DESCRIPTION |
|------|------|----|-------------|
| | | | |
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2815 DIRECTORS ROW
SUITE 500
ORLANDO, FL 32809



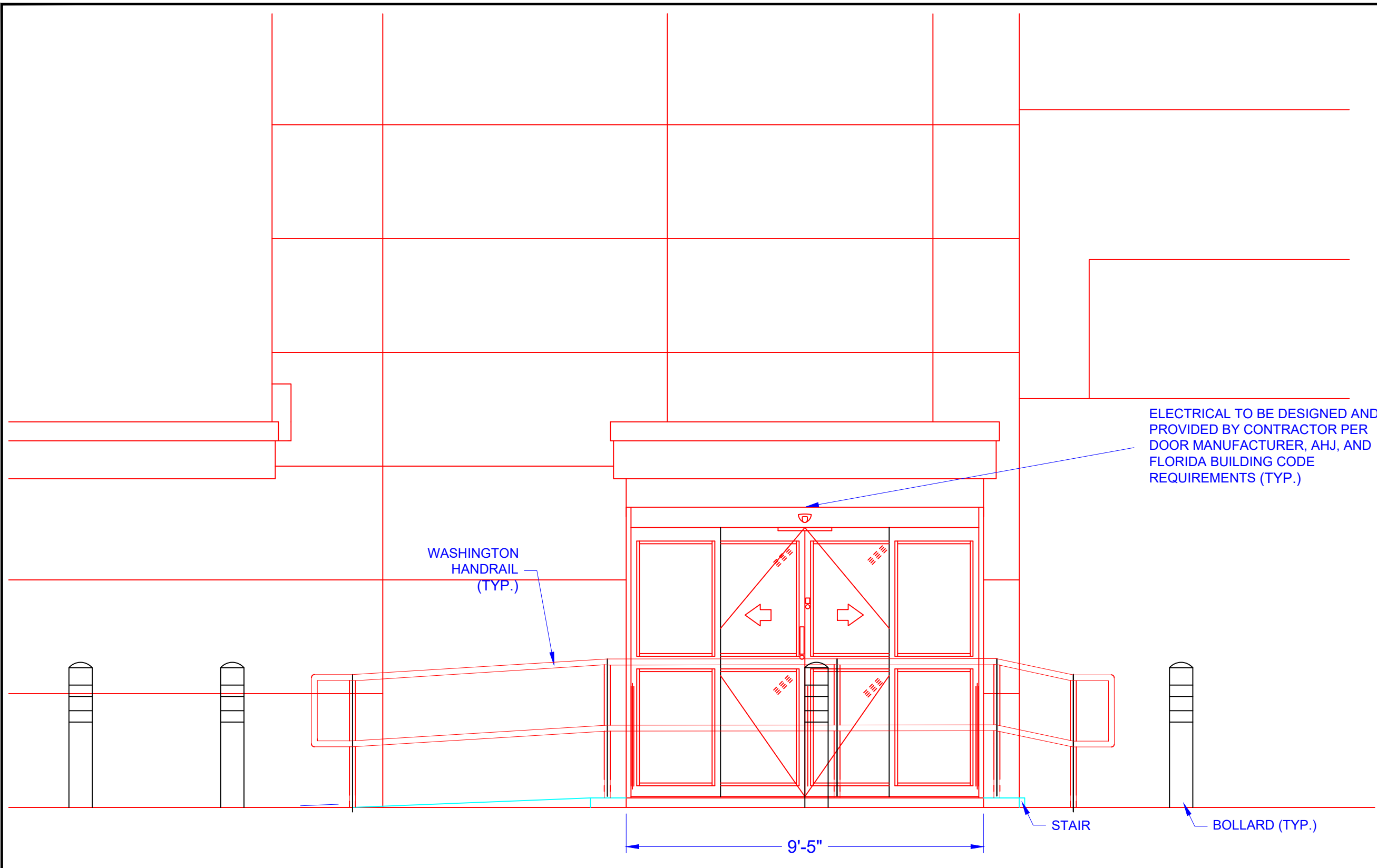
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A-104

| | |
|-----------------|---------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | N.T.S. |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 007 |



1 SOUTH ENTRYWAY
A105 SCALE: 3/8" = 1'

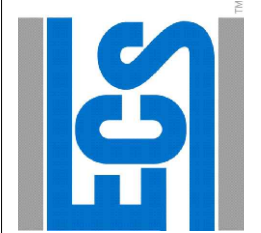
NOTE:
ALL DIMENSIONS ARE APPROXIMATE, DIMENSIONS WILL NEED TO BE VERIFIED AFTER FINISHES ARE REMOVED.

ELEVATION VIEW - SOUTH ENTRYWAY

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

| REV. | DATE | BY | DESCRIPTION |
|------|------|----|-------------|
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SUITE 500
ORLANDO, FL 32809

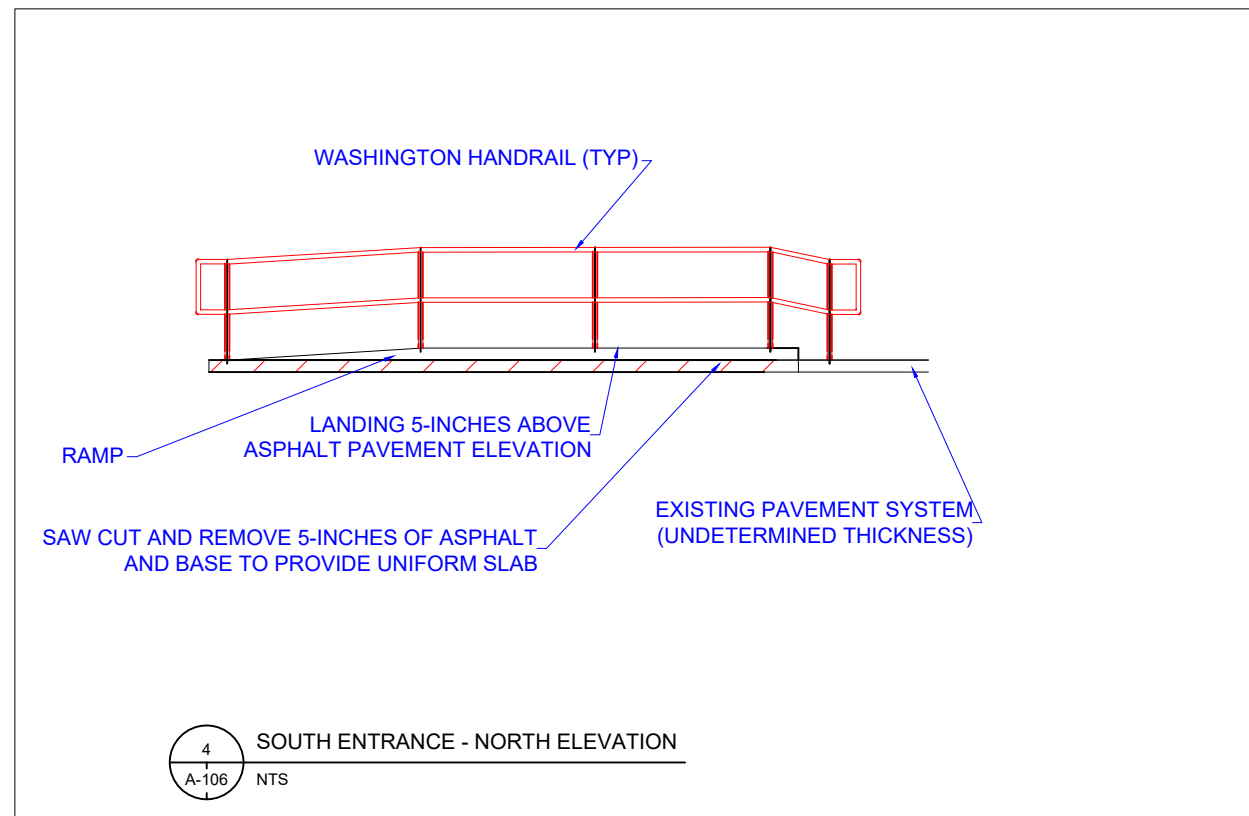
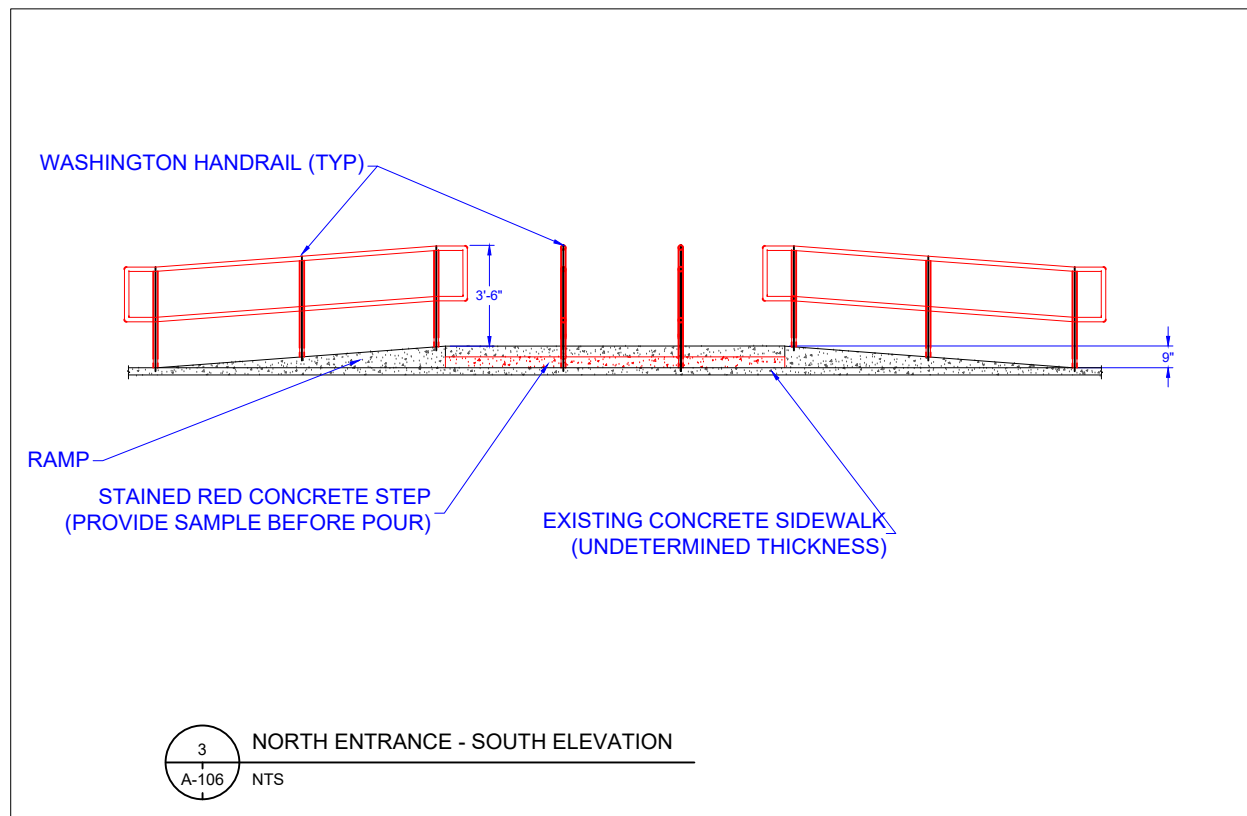
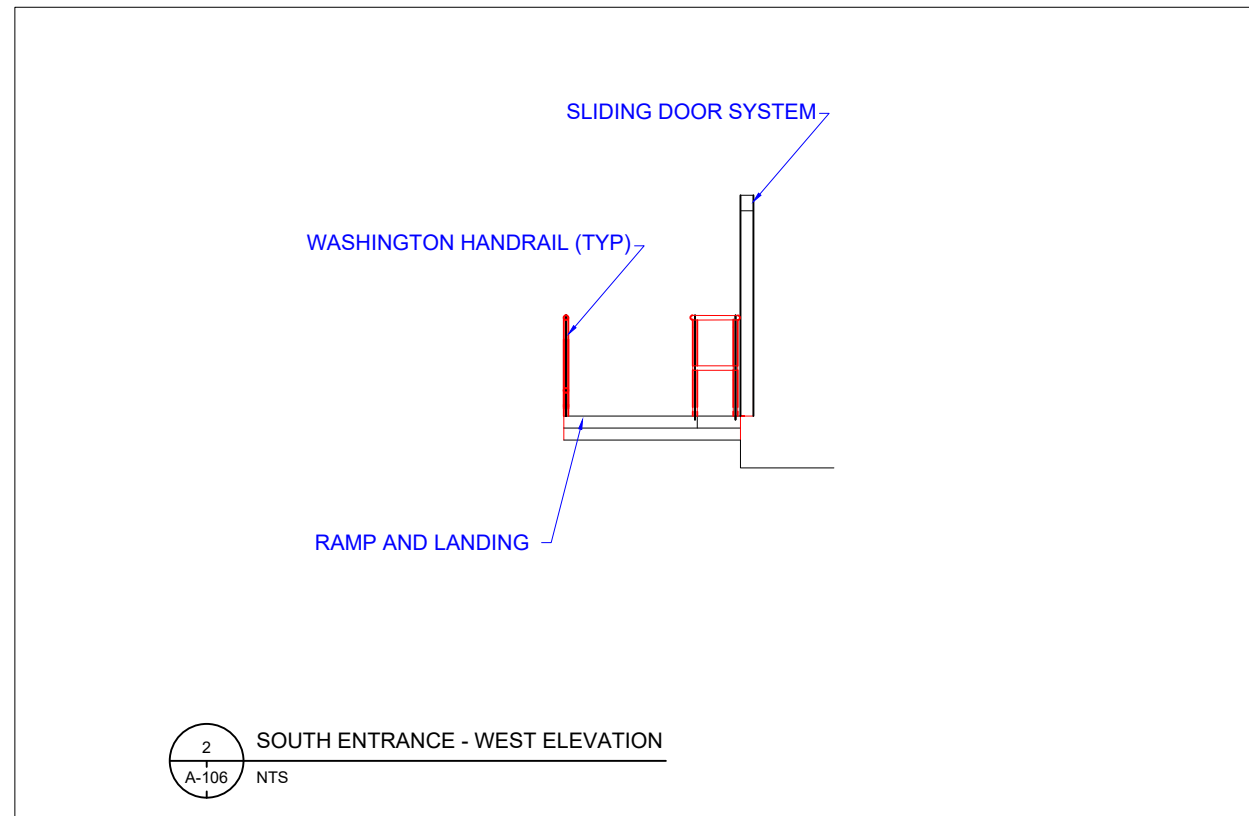
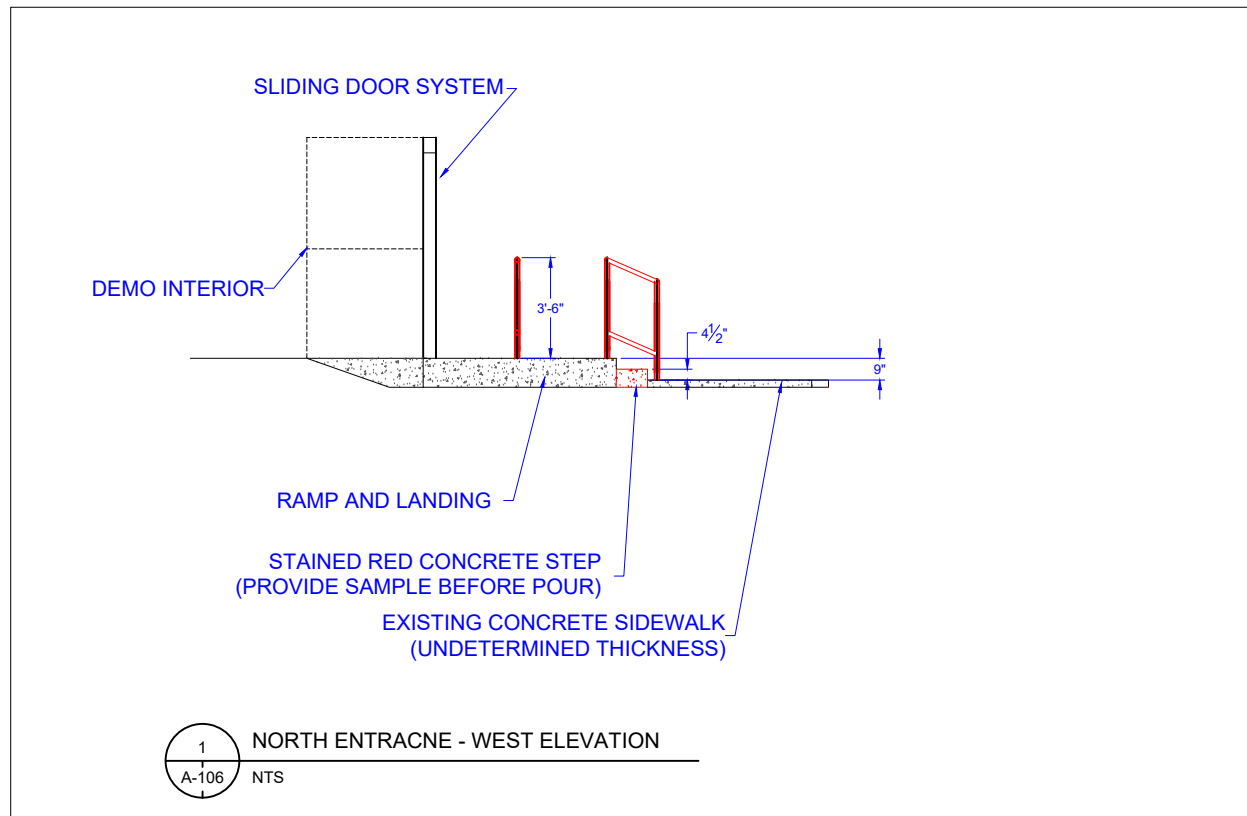


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A-105

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|-----------------|---------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | N.T.S. |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 008 |

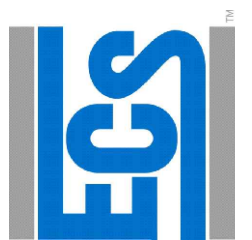


PLAN VIEW - SOUTH ENTRYWAY

ENTRY RAMP DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

| REV. | DATE | BY | DESCRIPTION |
|------|------|----|-------------|
| | | | |
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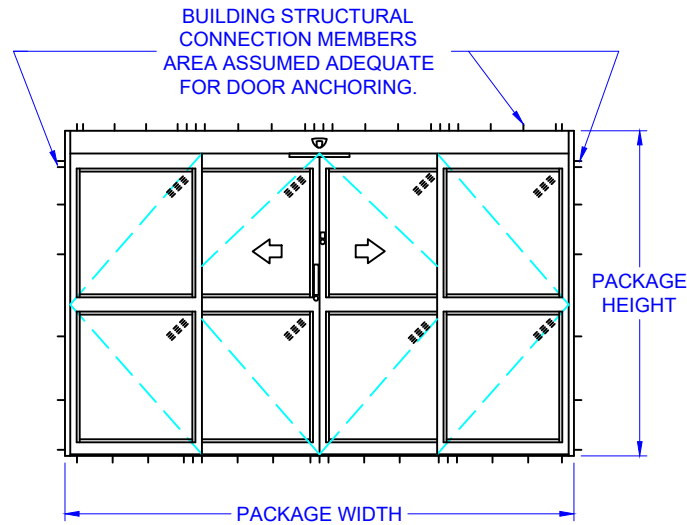
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A-106

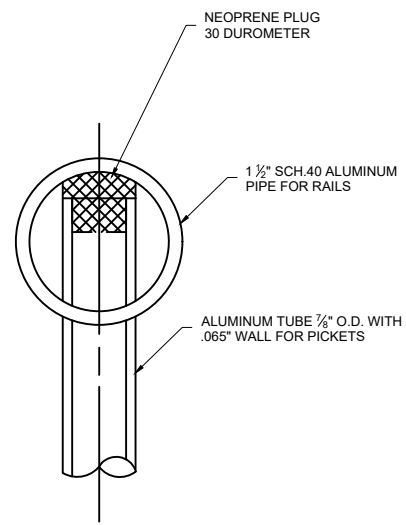
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|-----------------|---------|
| DESIGNED BY: | DM |
| DRAWN BY: | DM |
| APPROVED BY: | GJY |
| SCALE: | N.T.S. |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 008 |



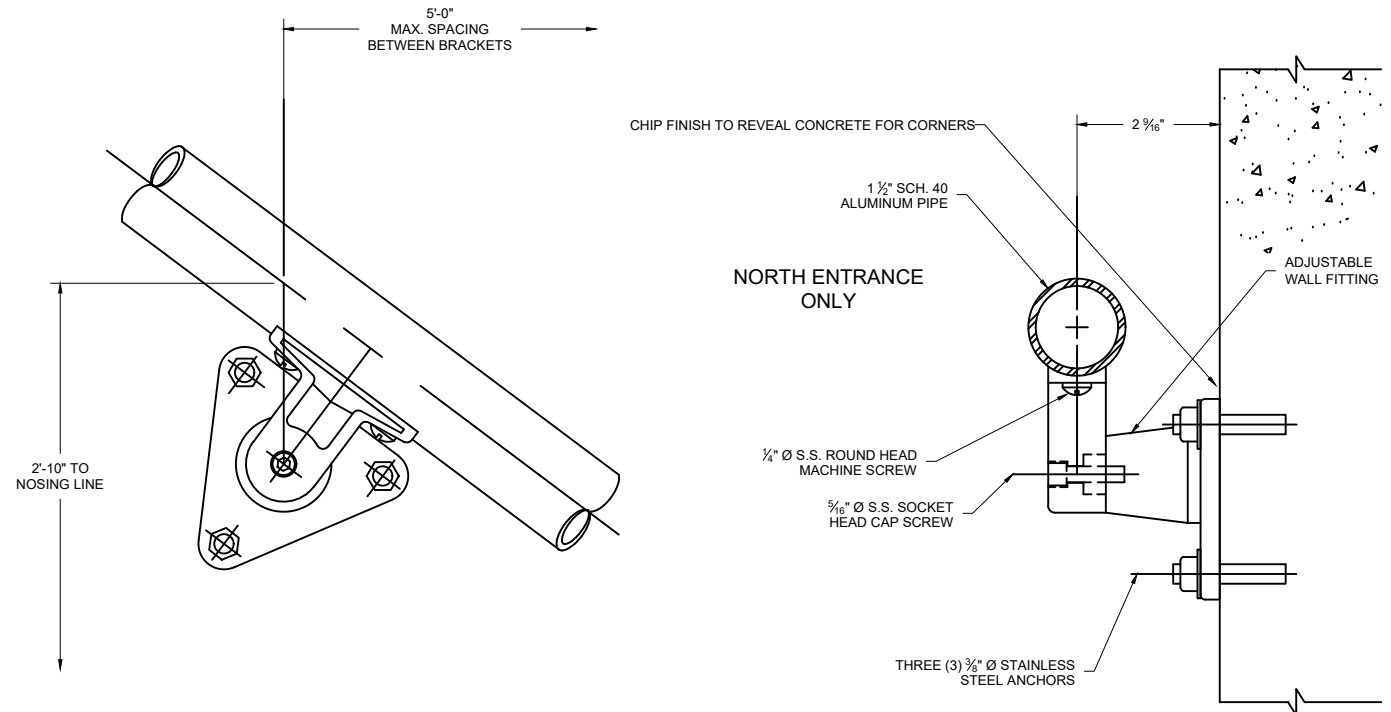
NOMINAL PACKAGE DIMENSIONS

| PACKAGE HEIGHT | PACKAGE WIDTH | CLEAR DOOR OPENING | PANEL WIDTH | EMERGENCY BREAKOUT WIDTH |
|----------------|---------------|--------------------|-------------|--------------------------|
| 110.5" | 113.0" | 43.1" | 29.0" | 98.5" |
| 109.0" | 146.5" | 59.9" | 37.3" | 132.0" |

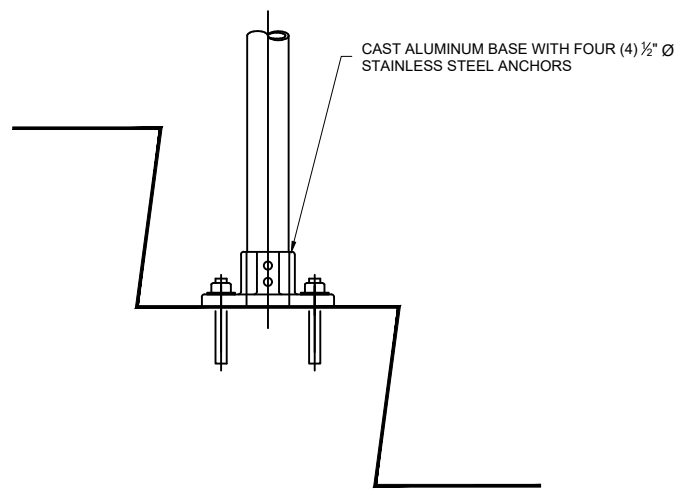
1 BI-PART STANLEY DURA-STORM 3000 SLIDING DOOR SYSTEM



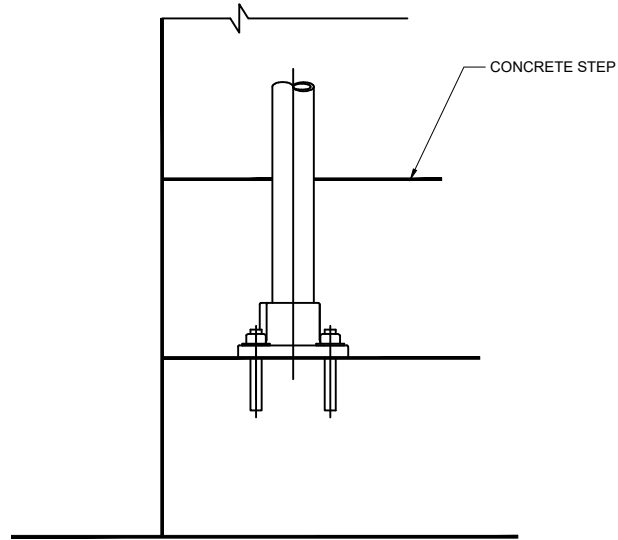
2 HAND RAIL DETAIL



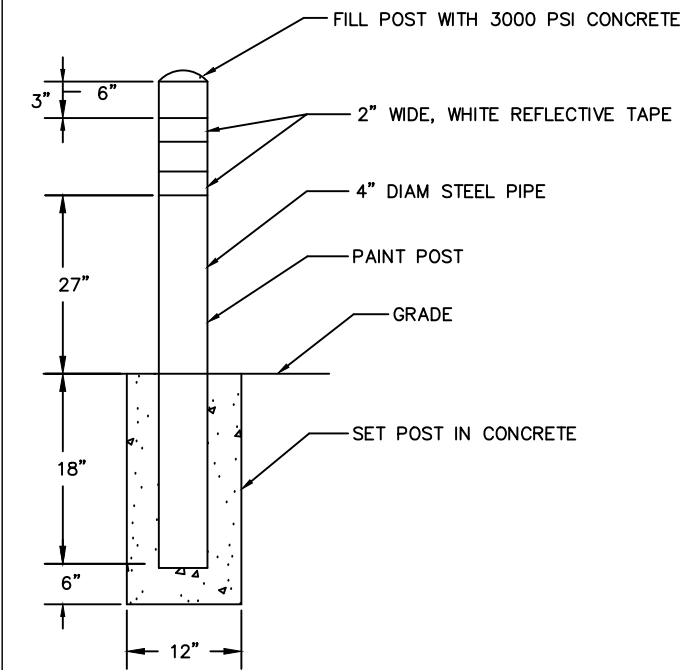
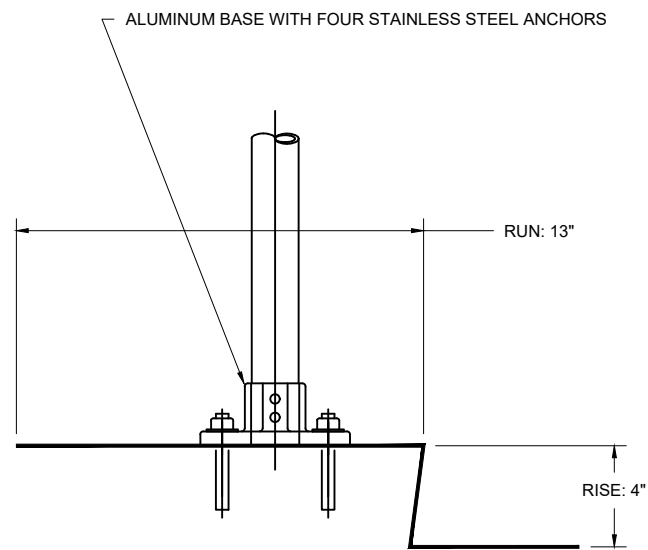
3 HAND RAIL TERMINATION DETAIL



4 CONNECTION TO CONCRETE STAIR



5 STEP DETAIL



6 BOLLARD DETAIL

DETAILS

ENTRY RAMP CONCEPTUAL DESIGN
200 CANAL STREET
NEW SMYRNA, FLORIDA

REV. DATE BY DESCRIPTION

2815 DIRECTORS ROW
SUITE 500
ORLANDO, FL 32809



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David Moore, P.E.
Registered, Florida 65659

A-501

| | |
|-----------------|----------|
| DESIGNED BY: | DM |
| DRAWN BY: | SAS |
| APPROVED BY: | GJY |
| SCALE: | AS SHOWN |
| DATE: | 5-13-19 |
| PROJECT NUMBER: | 54-1187 |
| SHEET NUMBER: | 009 |