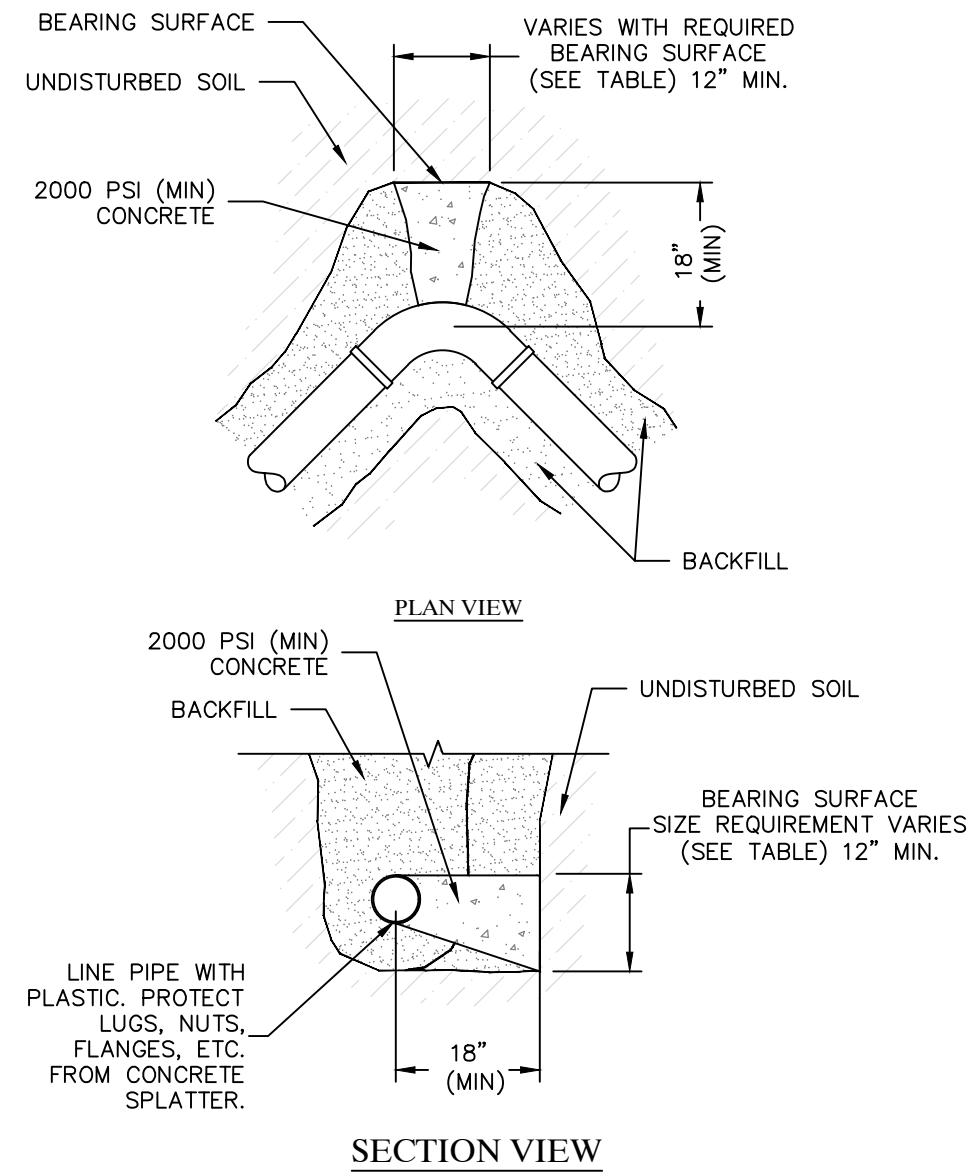


- NOTES:**
1. COMPACT TRENCH BACKFILL IN 8" LIFTS TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 "MODIFIED PROCTOR DENSITY".
  2. TRENCH SECTION IS TYPICAL. QUANTITY OF WATER LINES MAY VARY.
  3. INSTALL WATER MAIN AND APPURTENANCES PER LOCAL WATER UTILITY STANDARDS.

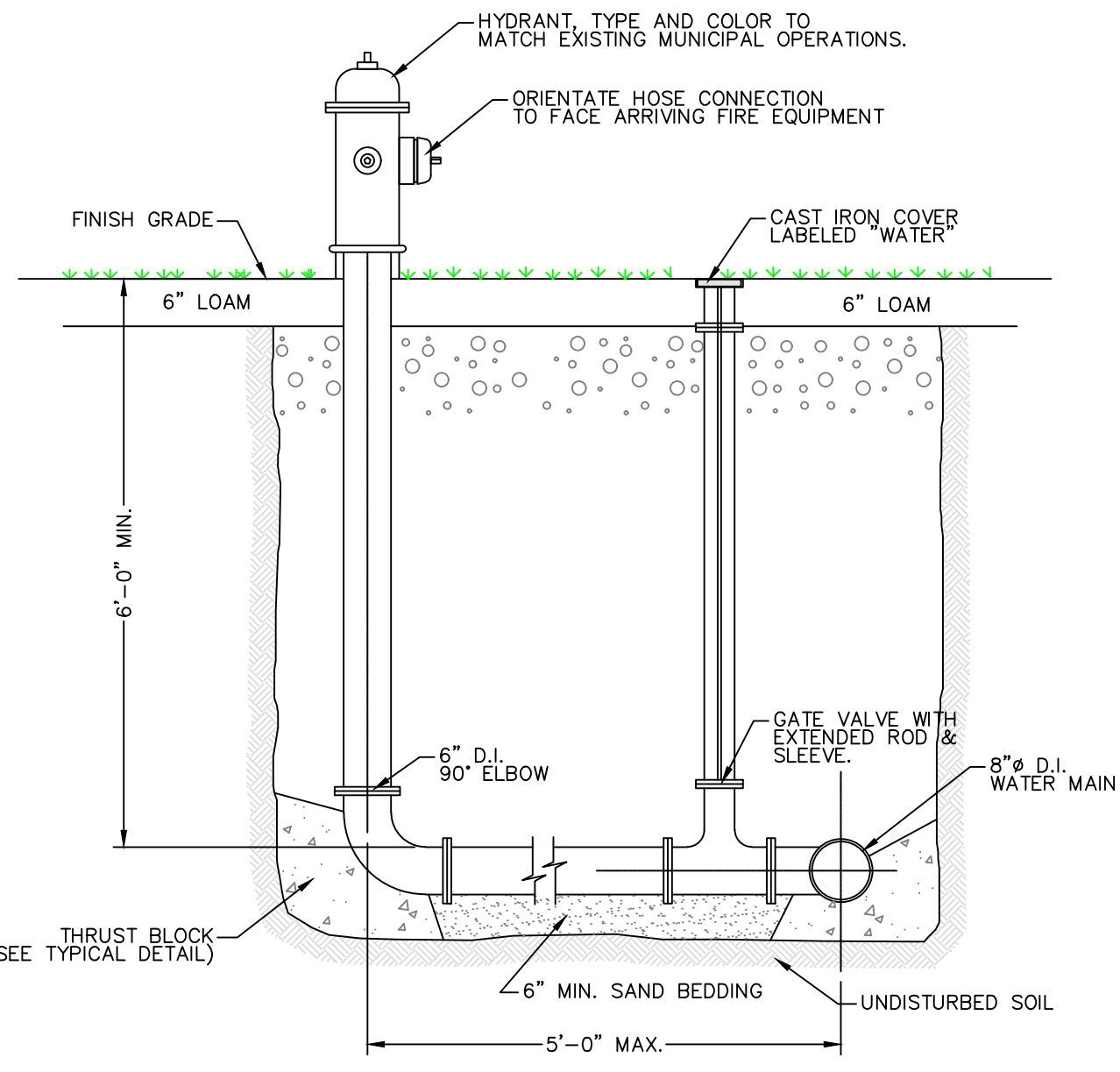
**WATER LINE TRENCH SECTION**  
NO SCALE



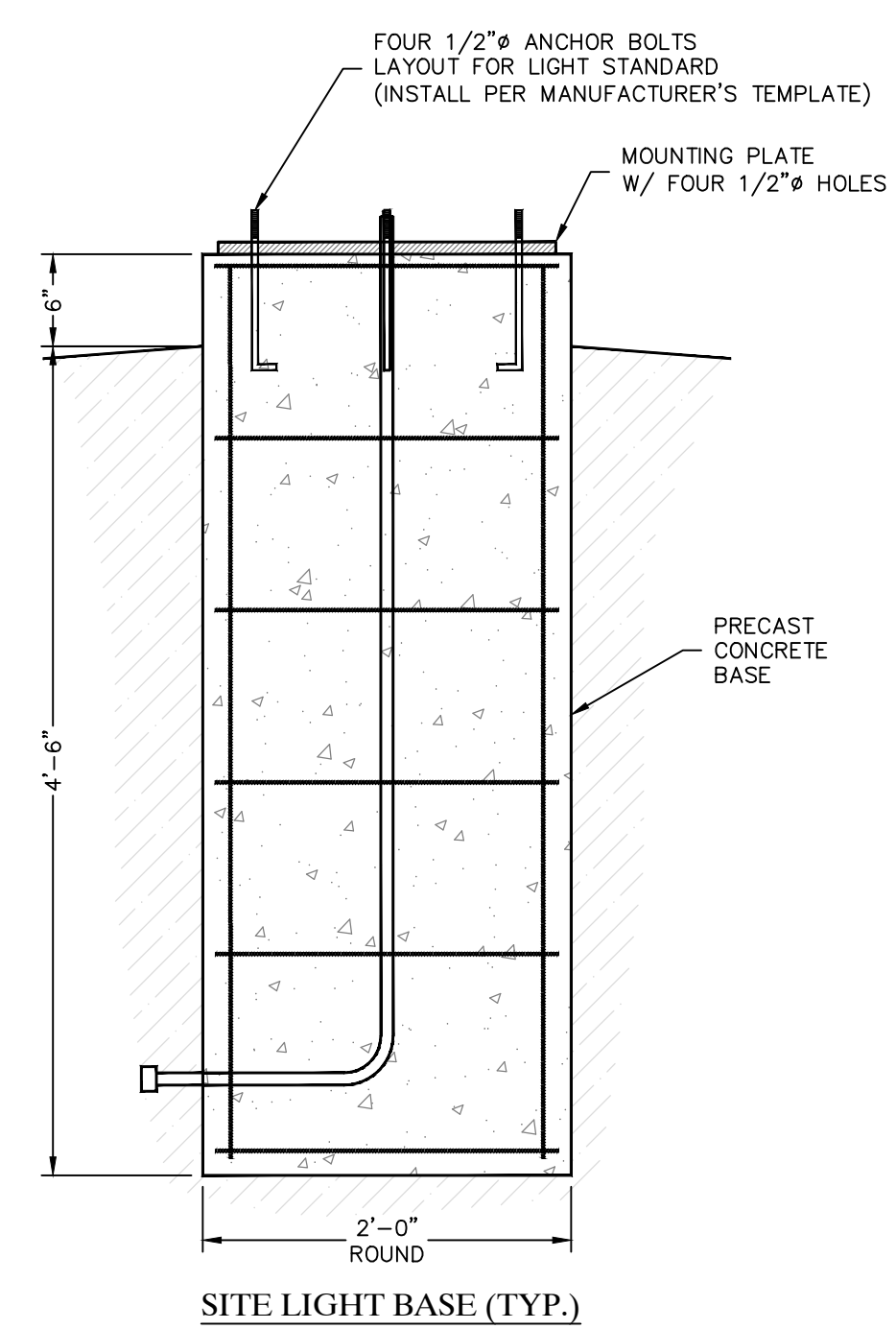
- NOTES:**
1. THRUST BLOCK CONFIGURATION SHALL BE APPROX. SQUARE AT BEARING SURFACE, THEN TRANSITION IN DEPTH AND WIDTH TO PIPE. PROVIDE 12"x12" MIN. AT BEARING SURFACE AND 18" MIN. DEPTH.

250 PSI TEST PRESSURE PIPE	BEARING SURFACE (SQ. FT)			
SIZE	TEE OR 90° ELBOW	45° ELBOW	22.5° ELBOW	11.25° ELBOW
4"	1.2	1.0	1.0	1.0
6"	2.6	1.4	1.0	1.0
8"	6	3.2	1.6	1.0

**THRUST BLOCK**  
NO SCALE

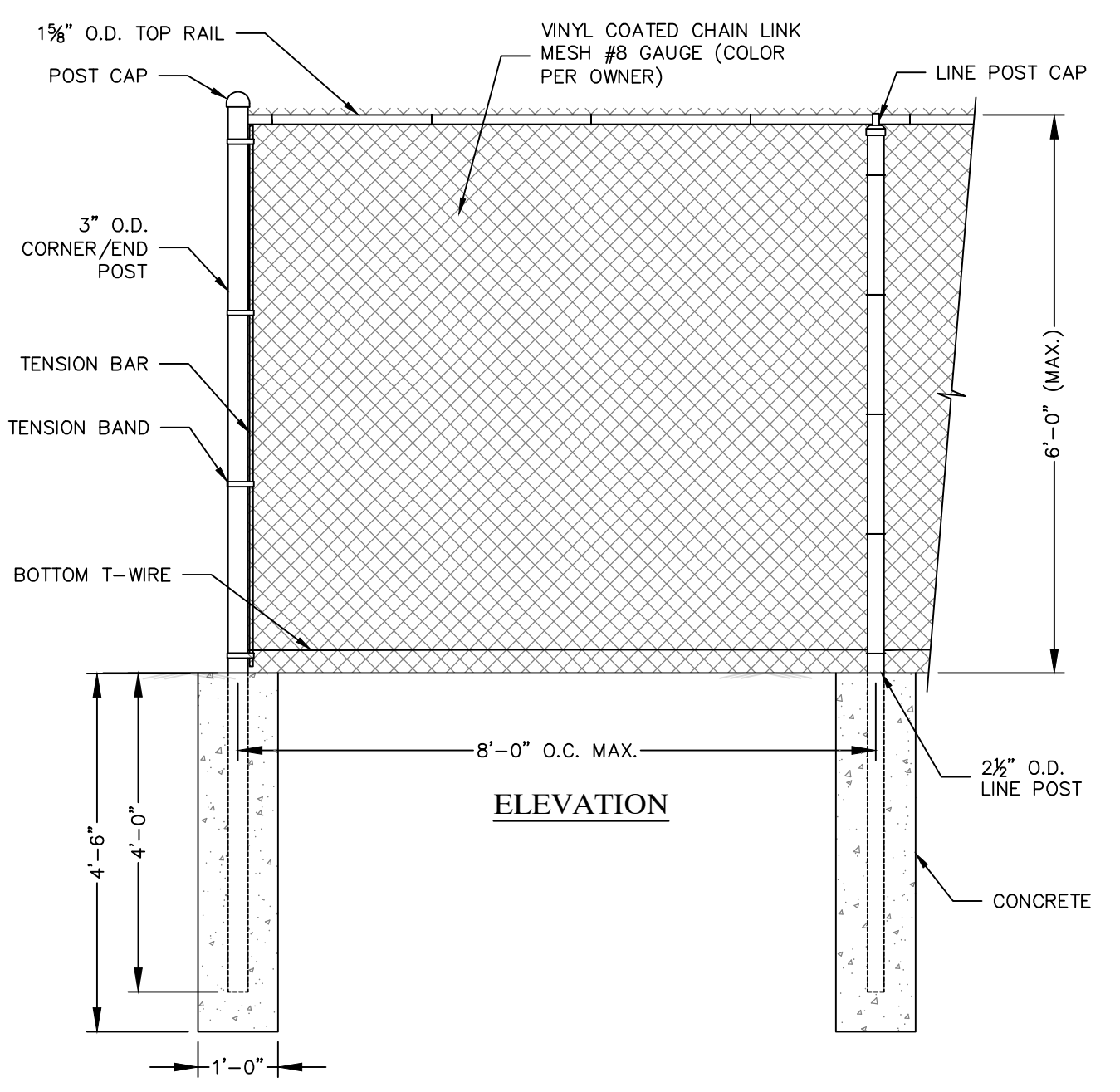


**FIRE HYDRANT DETAIL**  
NO SCALE



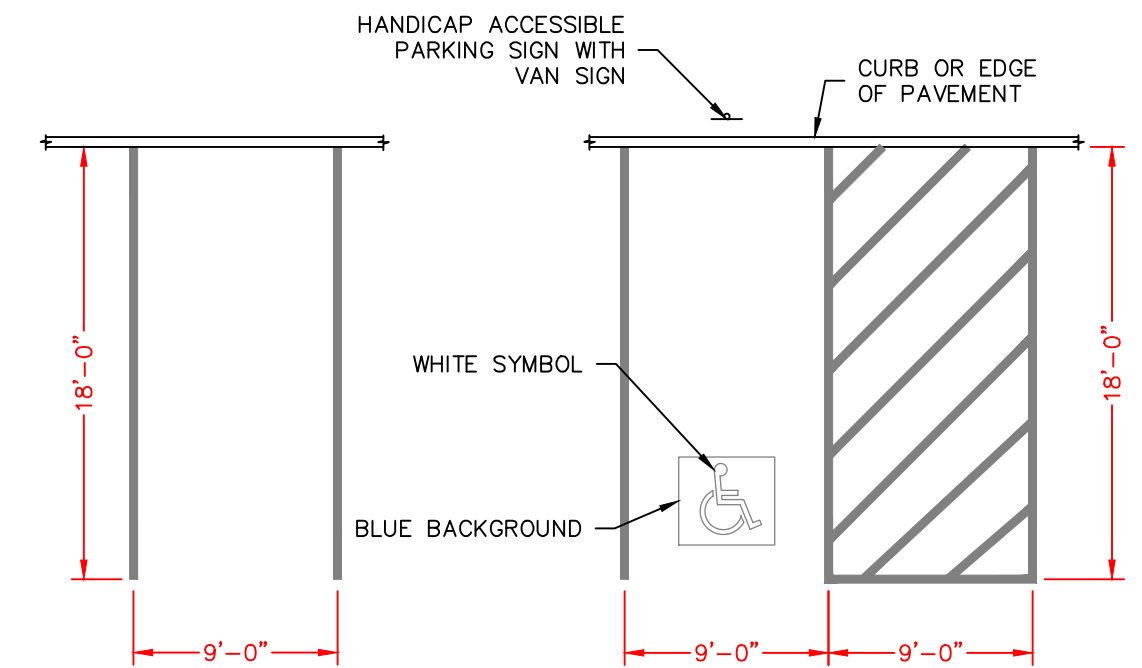
- CONCRETE BASE SPECIFICATION:**
1. CONCRETE: 4,000 P.S.I. AFTER 28 DAYS.
  2. REINFORCING: 4 - #4s, SPACED EQUALLY AROUND PERIMETER.
  3. 1" CHAMFER @ TOP EDGE OF POLE BASE.
  4. CONDUIT & ANCHOR BOLTS PLACED AS REQUIRED, PROVIDED BY ELECTRICAL CONTRACTOR.
  5. 6% AIR ENTRAINMENT

**PRECAST CONCRETE LIGHT POLE BASE**  
NO SCALE



- NOTES:**
1. ALL MATERIALS SHALL CONFORM WITH AASHTO M181
  2. ALL PIPES SHALL BE GALVANIZED STEEL.
  3. FENCE SHALL HAVE A 2" MESH 8 GAUGE VINYL COATED WIRE (COLOR PER OWNER).
  4. GATES TO MATCH FENCE.
  5. POSTS SHALL BE DRIVEN A MINIMUM OF 24 INCHES PLUS AN ADDITIONAL 3" FOR EACH 1 FOOT INCREASE IN THE FENCE HEIGHT OVER 4 FEET.
  6. ALL GATE POSTS AND CORNER POSTS SHALL BE SET IN CONCRETE FOOTINGS HAVING A MIN. DIA. OF 12" AND A MINIMUM DEPTH OF 54".
  7. POSTS DRIVEN LESS THAN 24" SHALL BE SET IN 8" DIA. CONCRETE SONOTUBE. NO POST SHALL BE LESS THAN 18".

**CHAIN LINK FENCE DETAIL**  
NO SCALE



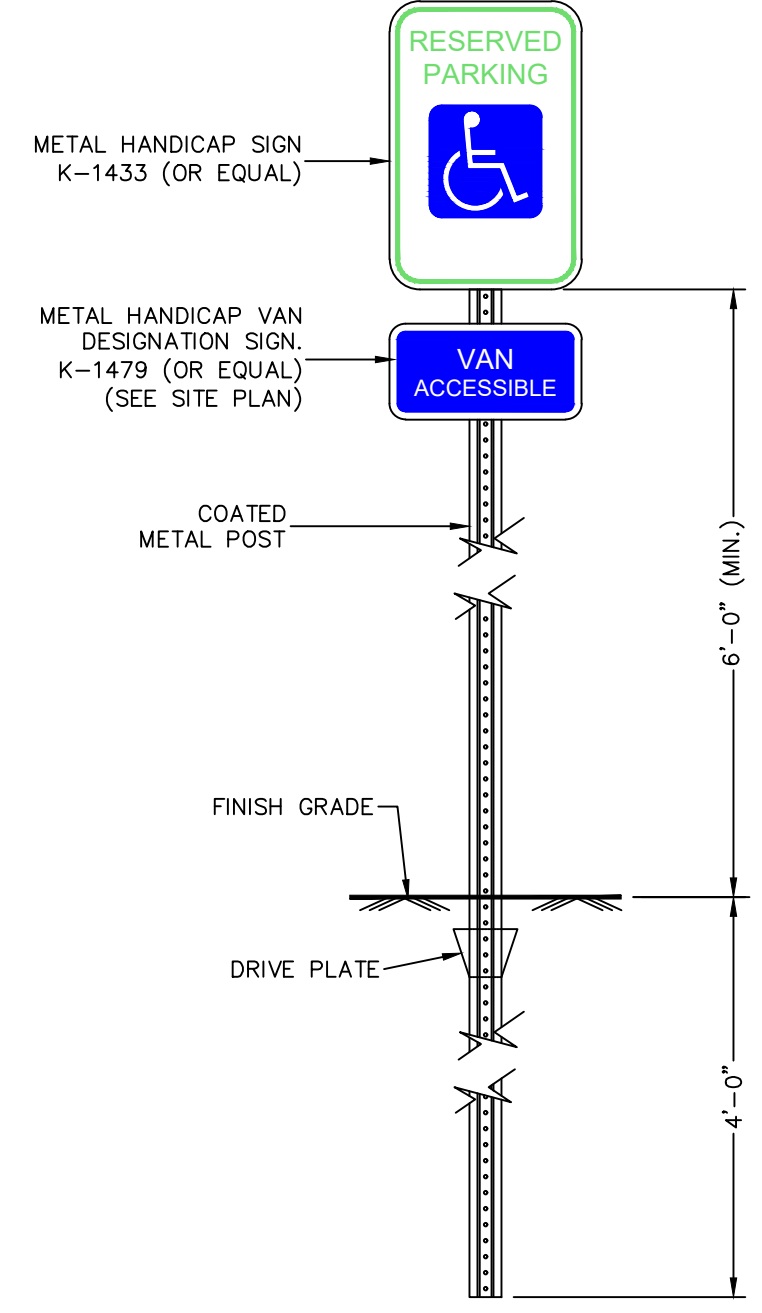
**TYPICAL PARKING STALL**



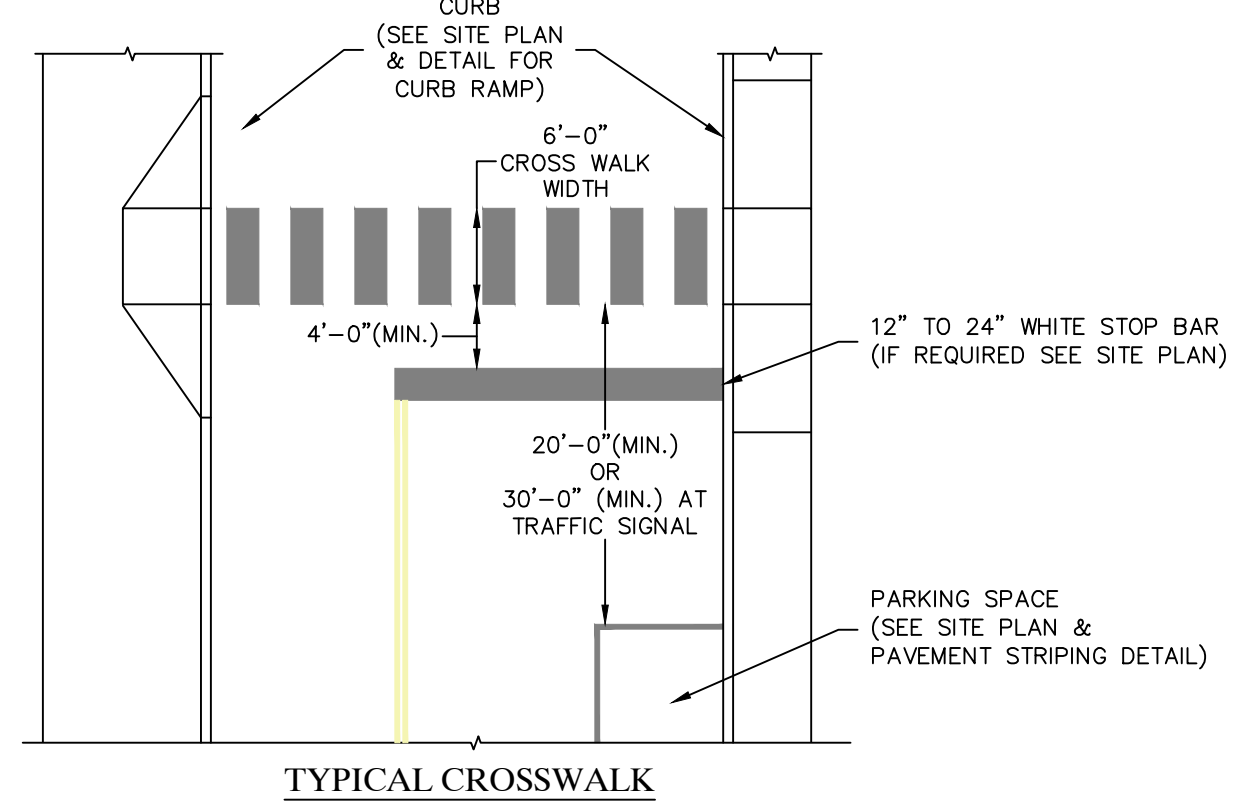
**TYPICAL HANDICAP PARKING STALL**

- SPECIFICATIONS**
- PAVEMENT MARKING PAINT FOR FINAL AND TEMPORARY PAVEMENT MARKINGS SHALL MEET THE REQUIREMENTS OF AASHTO M248, EITHER TYPE N (REGULAR TRAFFIC PAINT) OR TYPE F (FAST DRY TRAFFIC PAINT) MAY BE USED.
  - ALL PAVEMENT LINES AND MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - IMMEDIATELY BEFORE APPLYING THE PAVEMENT PAINT TO THE PAVEMENT OR CURB, THE SURFACE SHALL BE DRY AND ENTIRELY FREE FROM DIRT, GREASE, OIL OR OTHER FOREIGN MATTER.
  - ALL PAVEMENT MARKING LINES SHALL BE 4" SOLID WHITE UNLESS NOTED OTHERWISE.

**PAVEMENT MARKING DETAIL & SPECIFICATION**  
NO SCALE



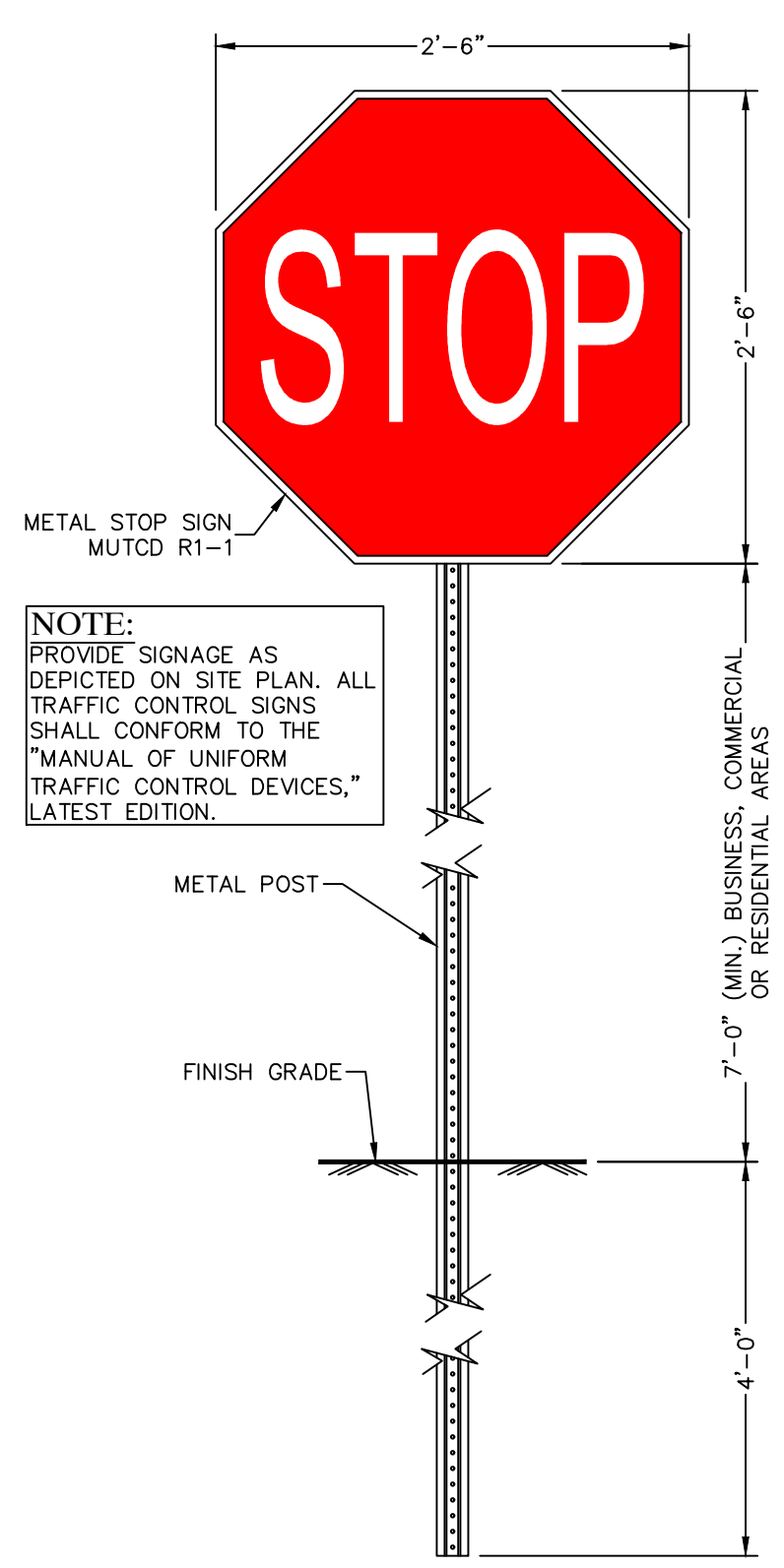
**HANDICAP ACCESSIBLE PARKING SIGN WITH (VAN PLACARD)**  
NO SCALE



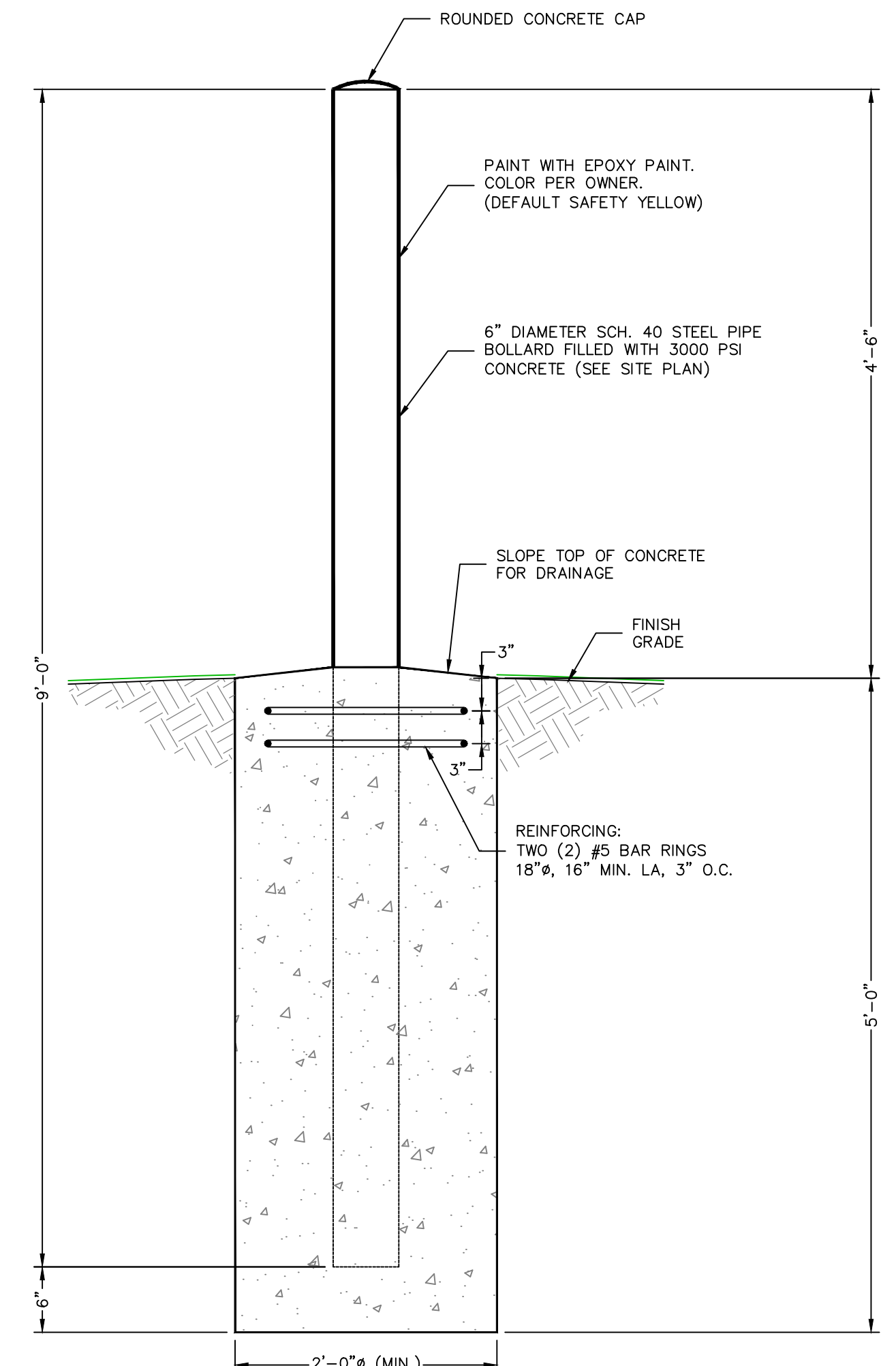
**TYPICAL CROSSWALK**

- SPECIFICATIONS**
- SECTION 1: ADA (REQUIRED)**
1. ALL CROSSWALKS SHALL MEET THE CRITERIA PUT FORTH IN THE AMERICAN'S WITH DISABILITIES ACT (ADA) AND AT A MINIMUM WILL INCLUDE TRUNCATED DOMES, PROPER FLARES, SLOPES AND TIP DOWNS.
- SECTION 2: MUTCD (REQUIRED)**
2. ALL CROSSWALKS SHALL MEET THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SECTION 3B.13 CROSSWALK MARKING STANDARDS. THEY SHALL BE A MINIMUM OF SIX (6) FEET WIDE AND MARKED WITH WHITE PAINT. CROSSWALKS SHALL BE PAINTED AT LEAST ANNUALLY AND SHALL BE RETRO-REFLECTIVE FOR NIGHTTIME VISIBILITY. CROSSWALKS SHOULD BE LIGHTED FOR NIGHTTIME USE. FOR ADDED VISIBILITY, THE ZEBRA (DIAGONAL STYLE MARKINGS) OR THE CONTINENTAL (PIANO KEY STYLE MARKING) SHOULD BE USED.
  3. CROSSWALKS SHALL HAVE THE APPROPRIATE SIGNAGE (W11-2 SERIES FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES; SEE SECTION 2C.50 OF THE MUTCD).
  4. NO PARKING SHALL BE ALLOWED WITHIN 20 FEET OF ANY UNSIGNALIZED CROSSWALK (INCLUDES MID-BLOCK) AND 30 FEET AT A SIGNALIZED INTERSECTION. PARKING RESTRICTIONS CAN BE REMOVED WHEN BUMP-OUTS OR CURB EXTENSIONS ARE BUILT.
- SECTION 3: GENERAL SAFETY**
5. ALL CROSSWALKS SHOULD EXTEND FROM ONE SAFE LANDING ZONE TO ANOTHER. A SAFE LANDING ZONE IS AN AREA WHERE A PEDESTRIAN IS SAFE FROM VEHICLE CONFLICT WHILE WAITING TO CROSS OR WHEN COMPLETING THE CROSSING. ISLANDS, WALKWAYS AND SIDEWALKS ARE TYPICALLY CONSIDERED SAFE LANDING ZONES, WHILE ROAD SHOULDERS, DRIVEWAYS (UNDER NORMAL CIRCUMSTANCES) AND PARKING AREAS ARE NOT CONSIDERED SAFE LANDING ZONES. PROVISIONS SHOULD BE MADE FOR WINTER MAINTENANCE OF THE LANDING ZONES, INCLUDING BUT NOT LIMITED TO SNOW AND ICE REMOVAL. THE SAFE LANDING AREA SHOULD NOT BE CONFUSED WITH THE "TURNING SPACE" REQUIRED AT THE TOP OF EACH RAMP.
  6. CROSSWALKS SHOULD, TO THE MAXIMUM EXTENT PRACTICABLE, BE PERPENDICULAR TO THE HIGHWAY. NO CROSSWALKS SHALL BE CONSTRUCTED MORE THAN 30 DEGREES FROM PERPENDICULAR, UNLESS THE ANGLE OF INTERSECTING ROADWAYS IS MORE THAN A 30 DEGREE SKEW.
- SECTION 4: PAVEMENT MARKINGS**
7. PAVEMENT MARKING PAINT FOR FINAL AND TEMPORARY PAVEMENT MARKINGS SHALL MEET THE REQUIREMENTS OF AASHTO M248, EITHER TYPE N (REGULAR TRAFFIC PAINT) OR TYPE F (FAST DRY TRAFFIC PAINT) MAY BE USED.
  8. ALL PAVEMENT LINES AND MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  9. IMMEDIATELY BEFORE APPLYING THE PAVEMENT PAINT TO THE PAVEMENT OR CURB, THE SURFACE SHALL BE DRY AND ENTIRELY FREE FROM DIRT, GREASE, OIL OR OTHER FOREIGN MATTER.
  10. CONTINENTAL CROSSWALK (PIANO KEY STYLE MARKINGS) SHALL BE A MINIMUM OF 12 INCHES IN WIDTH, 24 INCHES RECOMMENDED.

**CROSS WALK MARKING DETAIL & SPECIFICATION**  
NO SCALE



**TYPICAL STOP SIGN**  
NO SCALE



**BOLLARD DETAIL**  
NO SCALE

**CIVIL DETAILS**

**KINGFISH MAINE**

**Gartley & Dorsky ENGINEERING SURVEYING**

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CLIENT/PROJECT: **DUN GARVIN ROAD**

LOCATION: **WASHINGTON STATE/MAINE**

TOWN: **JONESPORT**

SCALE: **AS NOTED**

DRAWN BY: **LP**

CHECKED BY: **HTL**

DATE: **MARCH 25, 2021**

PROJ. NO. **2019-412**

**C21**