

MAYNARD VETERANS' MEMORIAL PARK

Summer Street
Maynard, Massachusetts

CBA | Landscape Architects LLC

24 THORNDIKE STREET | CAMBRIDGE MA 02141
phone 617.945.9760 | www.cbaland.com | cba@cbaland.com
landscape architecture | urban design | master planning

BASE-BID:

- Demolition and removals
- Concrete paths and grading
- Handicapped access ramp/railings/walls/grading/stripping
- Lawn and trees
- Water cabinet with concrete pad; Sleeve under walks.

ADD ALTERNATES:

ADD ALTERNATE #1: LIGHTING & ELECTRICAL

- New electrical cabinet with concrete pad
- Light Posts with outlets
- Bollard lights with outlets.

ADD ALTERNATE #2: PERFORMANCE AREA

- Granite and brick paving on concrete pad (excludes section of concrete walk)
- Trench drain and dry wells.

ADD ALTERNATE #3: SITE FURNITURE (EXCLUDING TWIG BENCHES)

- Straight benches
- Tables and chairs
- Trash receptacles
- Associated concrete pads

ADD ALTERNATE #4: TWIG BENCHES

- All Twig Benches

NOT INCLUDED IN CONTRACT:

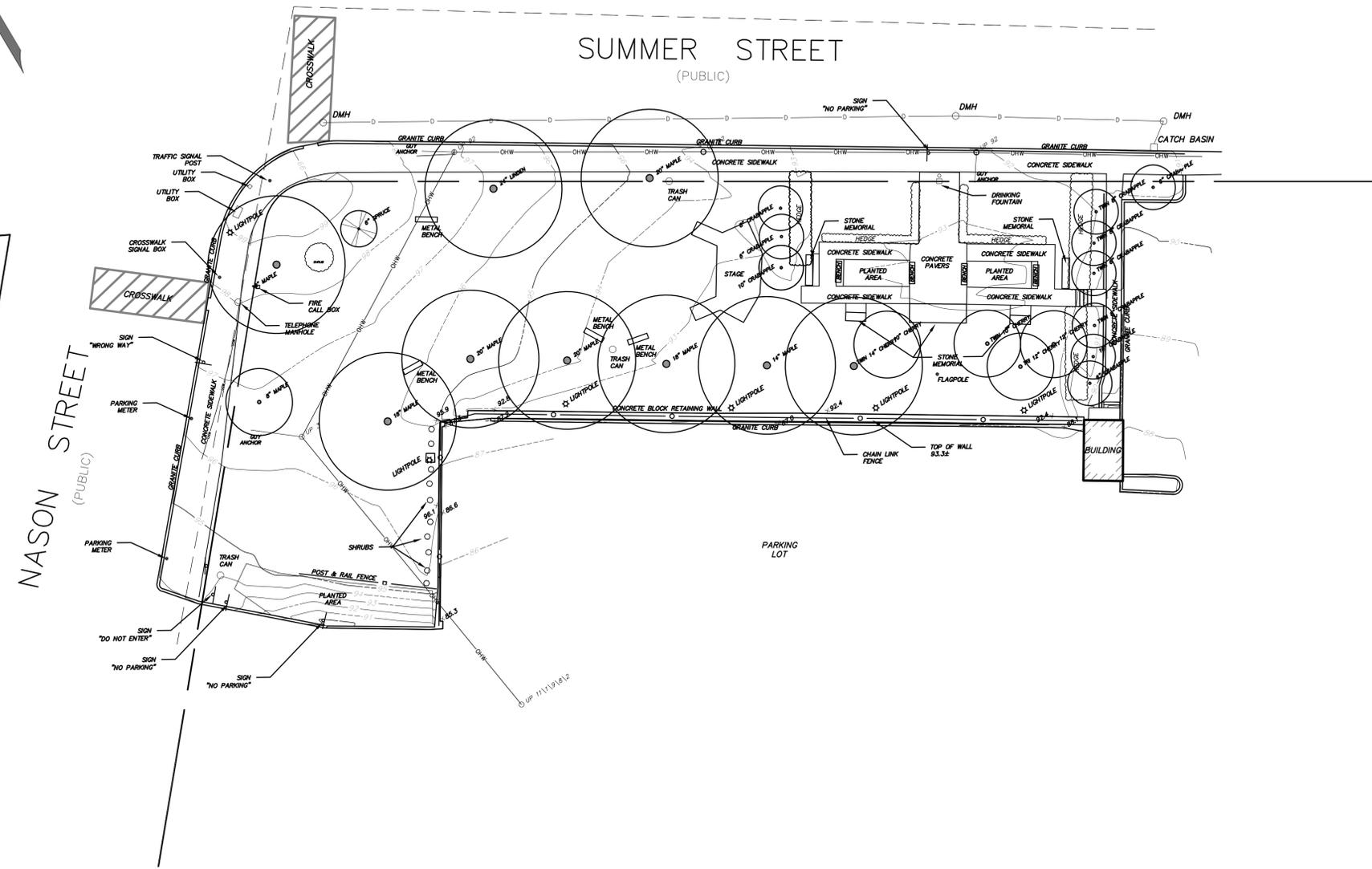
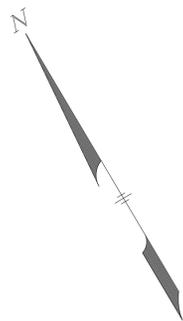
- Moving utility pole (to be done by Town before start of construction)
- Irrigation system
- "Rolling Bells" and "Rainmaker" site elements

DRAWING LIST - Project No. 1506

Crv	Cover Sheet
L-0.0	Existing Conditions (Site Survey)
L-0.1	Demolition and Removals Plan
L-1.0	Materials Plan
L-2.0	Layout Plan - Overall
L-2.1	Layout & Materials - Ramp Enlargement
L-2.2	Layout - Furniture & Lighting
L-3.0	Grading Plan
L-3.1	Grading Plan - Ramp Enlargement
L-4.0	Planting Plan
L-5.0	Utility Plan
L-6.0	Details - Paving & Edging
L-6.1	Details - Concrete Ramp & Walls
L-6.2	Details - Handrails & Guardrails
L-6.3	Details - Handrails, Guardrails, & Fencing
L-6.4	Details - Handrails, Guardrails (Typical)
L-6.5	Details - Site Furniture
L-6.6	Details - Lighting & Electrical
L-6.7	Details - Drainage & Water

JAN 25, 2017

Construction Documents - 100%
Phase 1:
Base Bid and Add Alternates #1-4



SURVEYOR'S NOTES:

LEGEND:

- N/F NOW OR FORMERLY
- OHV OVERHEAD WIRES
- TREE
- TREE LINE
- UP UTILITY POLE
- GG* GAS GATE
- G GAS SERVICE (BURIED)
- WG* WATER GATE
- W WATER SERVICE (BURIED)
- DMH DRAIN MANHOLE
- D SUB-SURFACE DRAIN LINE
- EXISTING CONTOUR
- - - EXISTING CONTOUR
- ☆ LIGHTPOLE
- △ WETLAND FLAG
- 99X9 SPOT ELEVATION
- ○ ○ ○ ○ STONE WALL
- EDGE OF PAVEMENT

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

DATUM

ELEVATIONS SHOWN ON THIS PLAN REFER TO AN ASSUMED BASE.

TOPOGRAPHIC
PLAN OF LAND
OF
VETERAN'S MEMORIAL PARK
IN
MAYNARD, MASSACHUSETTS
(MIDDLESEX COUNTY)

FOR: TOWN OF MAYNARD
SCALE: 1"=20' SEPTEMBER 29, 2015

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING

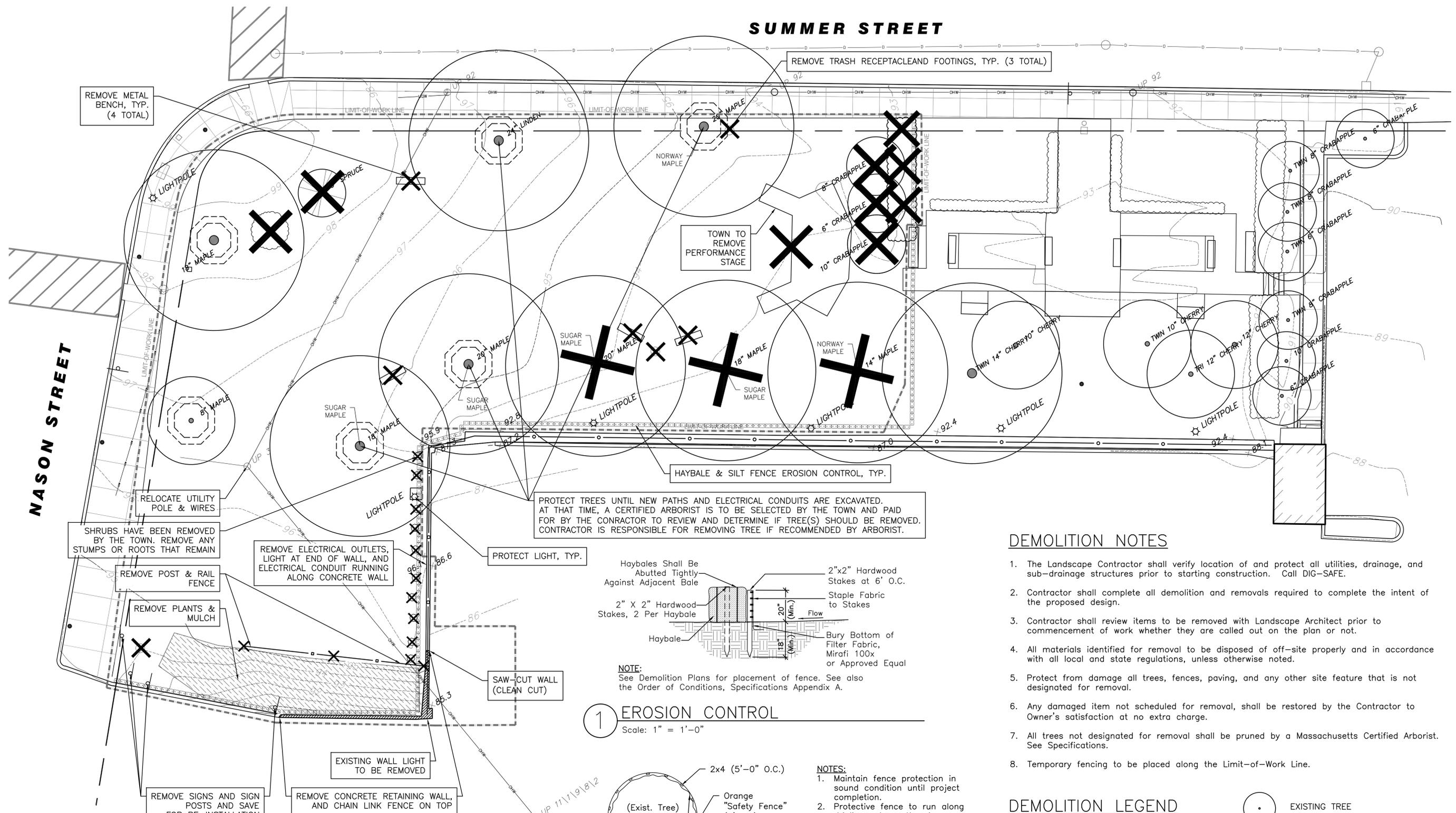


(5494work.dwg) Veteran's Memorial Park SM-5494

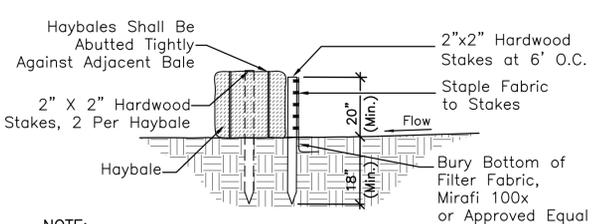
VETERANS' MEMORIAL PARK
Maynard, MA
EXISTING CONDITIONS

DATE:	01-25-2017
SCALE:	1" = 20' - 0"
FILE:	May_L0_EC.dwg
DWN BY:	JHC
CKD BY:	CCB
PROJ. #:	1506

SUMMER STREET

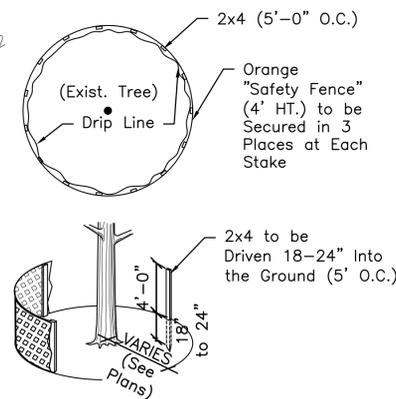


PROTECT TREES UNTIL NEW PATHS AND ELECTRICAL CONDUITS ARE EXCAVATED. AT THAT TIME, A CERTIFIED ARBORIST IS TO BE SELECTED BY THE TOWN AND PAID FOR BY THE CONTRACTOR TO REVIEW AND DETERMINE IF TREE(S) SHOULD BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR REMOVING TREE IF RECOMMENDED BY ARBORIST.



NOTE: See Demolition Plans for placement of fence. See also the Order of Conditions, Specifications Appendix A.

1 EROSION CONTROL
Scale: 1" = 1'-0"



- NOTES:**
- Maintain fence protection in sound condition until project completion.
 - Protective fence to run along dripline unless otherwise required to install improvements. Spray or stake layout of all proposed paving edges and site features within the dripline of existing trees before beginning any demolition work or remove existing material in order to determine the maximum extents of site fencing.
 - Landscape Architect and Owner's Representative to approve fence placement in field before construction begins.
 - Do not relocate approved fence without notifying Landscape Architect or Owner.

2 TREE PROTECTION
Scale: 1/2" = 1'-0"

DEMOLITION NOTES

- The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures prior to starting construction. Call DIG-SAFE.
- Contractor shall complete all demolition and removals required to complete the intent of the proposed design.
- Contractor shall review items to be removed with Landscape Architect prior to commencement of work whether they are called out on the plan or not.
- All materials identified for removal to be disposed of off-site properly and in accordance with all local and state regulations, unless otherwise noted.
- Protect from damage all trees, fences, paving, and any other site feature that is not designated for removal.
- Any damaged item not scheduled for removal, shall be restored by the Contractor to Owner's satisfaction at no extra charge.
- All trees not designated for removal shall be pruned by a Massachusetts Certified Arborist. See Specifications.
- Temporary fencing to be placed along the Limit-of-Work Line.

DEMOLITION LEGEND

- PROPERTY LINE
- LIMIT-OF-WORK LINE
- WALL TO BE REMOVED
- PLANT BED TO BE REMOVED
- EXISTING TREE
- TREE OR SHRUB TO REMOVE
- TREE TO PROTECT AND PRUNE
- FURNITURE, OBJECT TO REMOVE
- HAYBALE & SILT FENCE EROSION CONTROL BARRIER



BASE-BID:

Demolition and removals; Concrete paths and grading; Handicapped access ramp/railings/walls/grading/stripping; Lawn and trees; Water cabinet with concrete pad; Sleeve under walks.

ADD ALTERNATES:

ADD ALTERNATE #1: LIGHTING & ELECTRICAL
New electrical cabinet with concrete pad; (6) Lights with outlets; (2) Bollard lights with outlets.

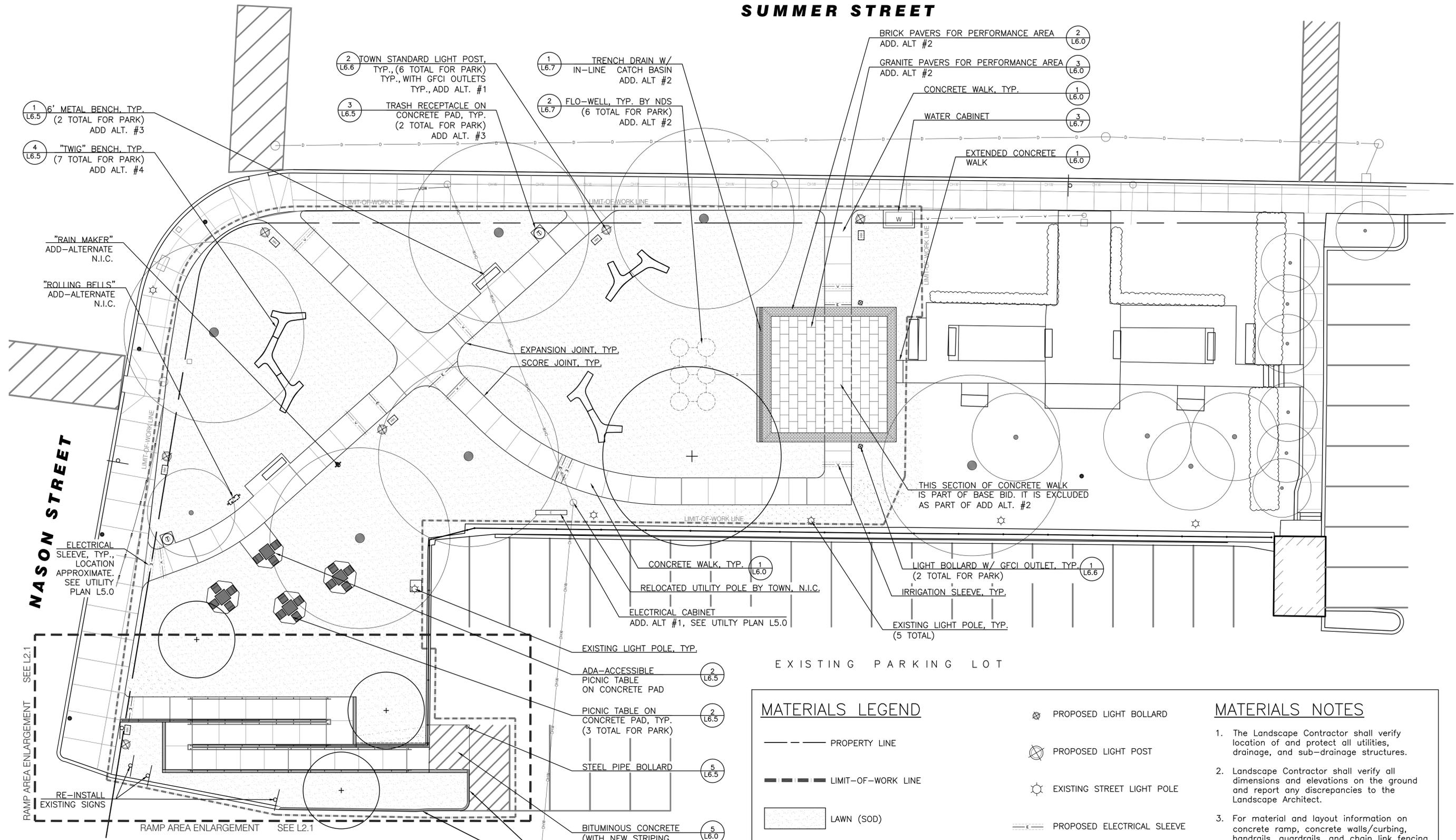
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Granite and brick paving on concrete pad (excludes section of concrete walk); Trench drain and dry wells.

ADD ALTERNATE #3: SITE FURNITURE (EXCLUDING TWIG BENCHES)
Straight benches, tables and chairs, trash receptacles, and associated concrete pads

ADD ALTERNATE #4: TWIG BENCHES
All twig benches

NOT INCLUDED IN CONTRACT:
Moving utility pole (to be done by Town before start of construction); Irrigation system; Rolling bells and rainmaker site elements.

SUMMER STREET



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 Concrete paths and grading;
 Handicapped access
 ramp/railings/walls/grading/stripping;
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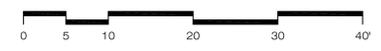
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MATERIALS LEGEND

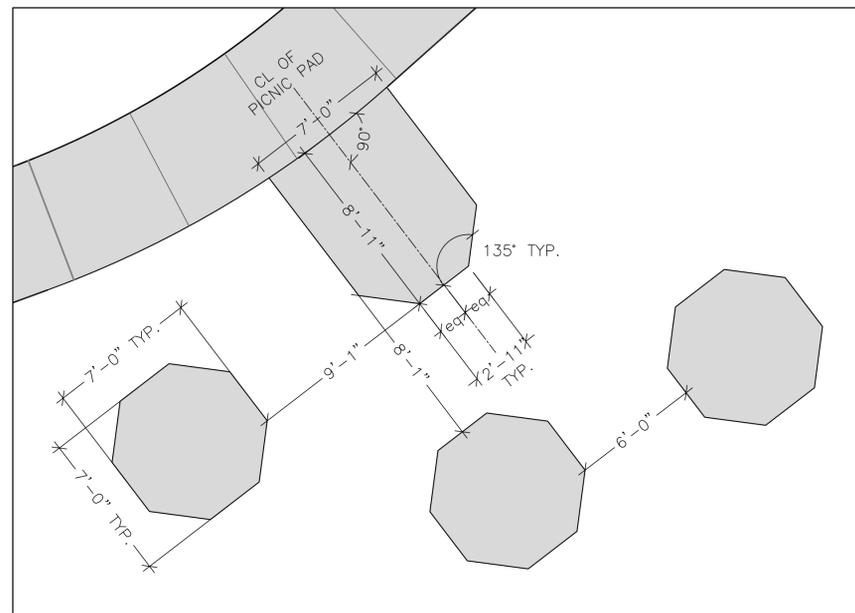
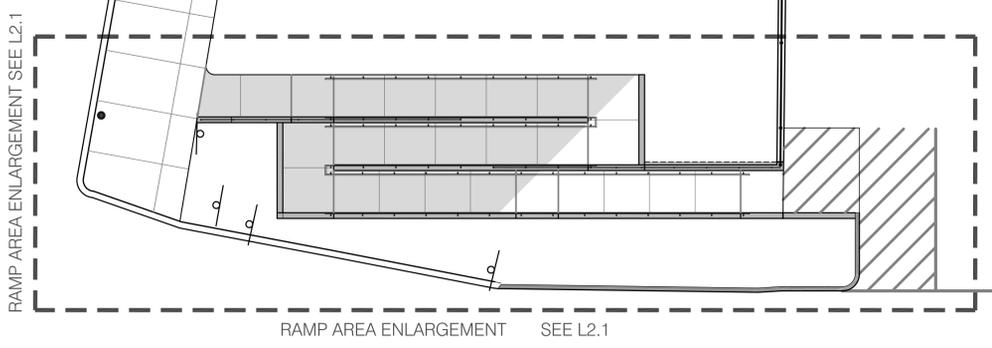
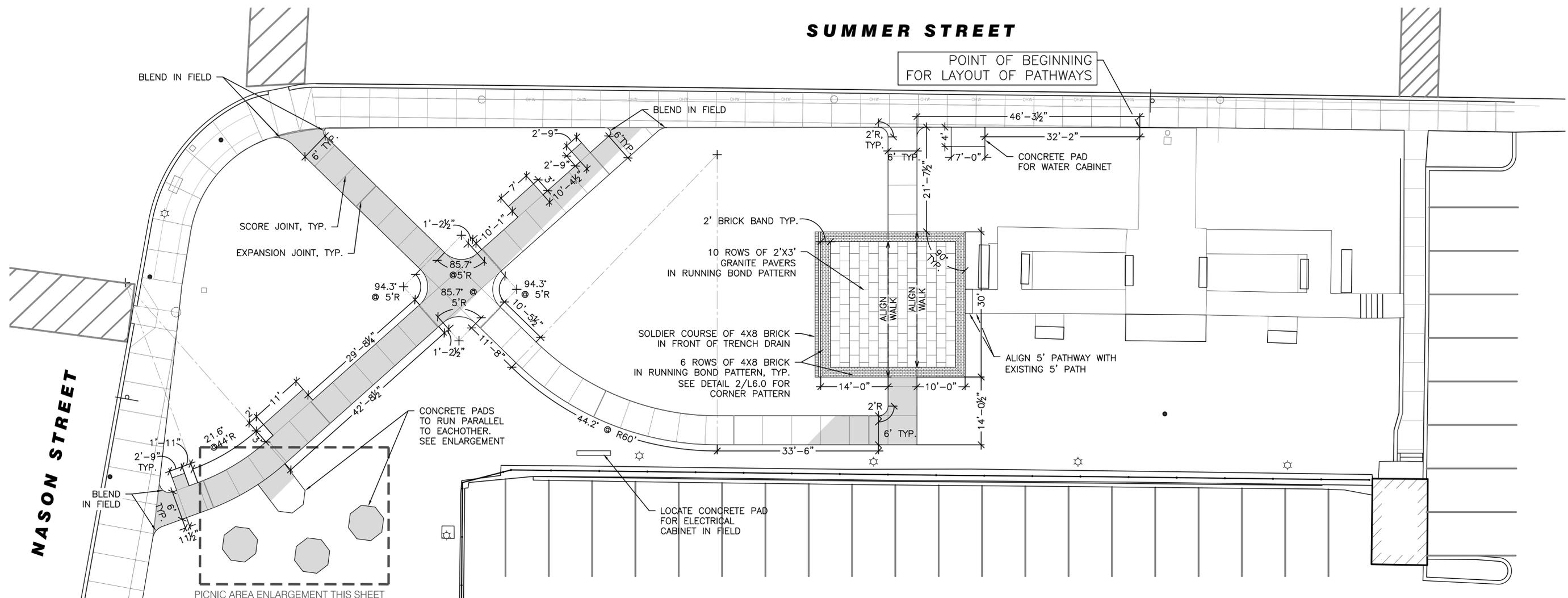
- PROPERTY LINE
- LIMIT-OF-WORK LINE
- LAWN (SOD)
- EXISTING TREE
- PROPOSED TREE
- N.I.C. NOT IN CONTRACT
- PROPOSED DRAIN LINE
- PROPOSED IRRIGATION SLEEVE
- ⊗ PROPOSED LIGHT BOLLARD
- ⊗ PROPOSED LIGHT POST
- ⊙ EXISTING STREET LIGHT POLE
- PROPOSED ELECTRICAL SLEEVE
- PROPOSED OVERHEAD WIRE
- 4"X8" BRICK PAVERS
- 2'X3' GRANITE PAVERS
- CONCRETE:
SCORE JOINTS (6' MAX)
EXPANSION JOINTS (30' MAX)

MATERIALS NOTES

- The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures.
- Landscape Contractor shall verify all dimensions and elevations on the ground and report any discrepancies to the Landscape Architect.
- For material and layout information on concrete ramp, concrete walls/curbing, handrails, guardrails, and chain link fencing, see sheet L2.1.



SUMMER STREET



LAYOUT NOTES

- The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures.
- Layout of plan to be done by a Registered Surveyor.
- Landscape Contractor shall verify all dimensions and elevations on the ground and report any discrepancies to the Landscape Architect.
- Landscape Contractor shall stake layout of plan on the site for approval of Landscape Architect before commencement of construction.
- All water, drainage, and electrical lines to be coordinated with footings for site features.

LAYOUT LEGEND

- PROPERTY LINE
- LIMIT-OF-WORK LINE
- 4"X8" BRICK PAVERS
- 1.5'X3' GRANITE PAVERS
- CONCRETE SCORE JOINTS (6' MAX); EXPANSION JOINT (30' MAX)
- PROPOSED LIGHT BOLLARD
- PROPOSED LIGHT POST
- EXISTING STREET LIGHT POLE

BASE-BID:

Demolition and removals; Concrete paths and grading; Handicapped access ramp/railings/walls/grading/stripping; Lawn and trees; Water cabinet with concrete pad; Sleeve under walks.

ADD ALTERNATES:

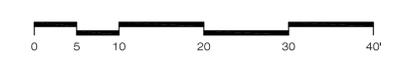
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ADD ALTERNATE #4: TWIG BENCHES
All Twig Benches

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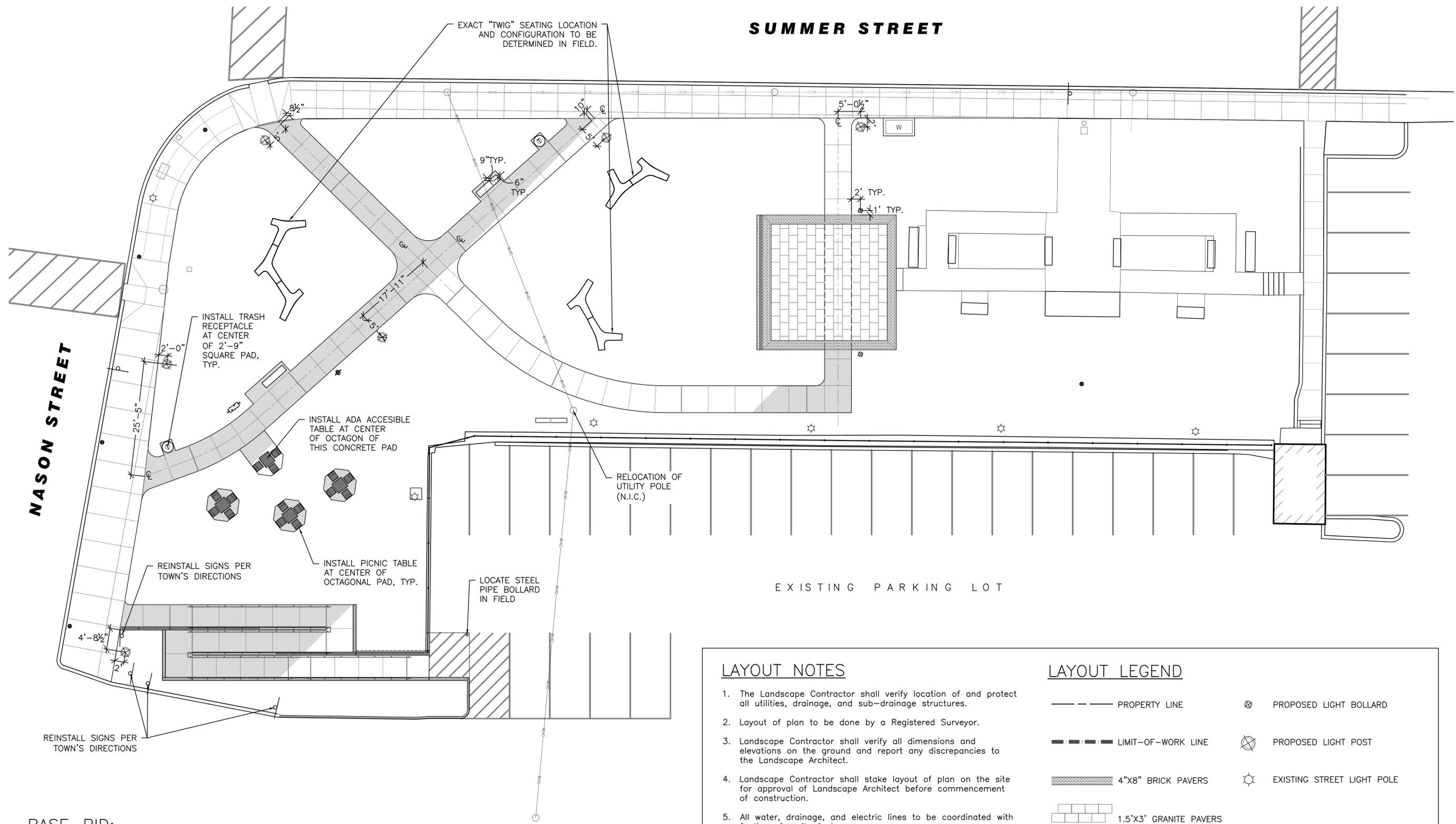
VETERANS' MEMORIAL PARK

Maynard, MA

LAYOUT PLAN - OVERALL

DATE: 01-25-2016
SCALE: 1" = 10'-0"
FILE: May_L2_Layout.dwg
DWN BY: JHC
CKD BY: CCB
PROJ. #: 1506

L2.0



SUMMER STREET

NASON STREET

EXISTING PARKING LOT

LAYOUT NOTES

1. The Landscape Contractor shall verify location of and protect all utilities, drainage, and sub-drainage structures.
2. Layout of plan to be done by a Registered Surveyor.
3. Landscape Contractor shall verify all dimensions and elevations on the ground and report any discrepancies to the Landscape Architect.
4. Landscape Contractor shall stake layout of plan on the site for approval of Landscape Architect before commencement of construction.
5. All water, drainage, and electric lines to be coordinated with footings for site features.

LAYOUT LEGEND

---	PROPERTY LINE	⊗	PROPOSED LIGHT BOLLARD
---	LIMIT-OF-WORK LINE	⊗	PROPOSED LIGHT POST
▨	4"X8" BRICK PAVERS	⊙	EXISTING STREET LIGHT POLE
▩	1.5'X3' GRANITE PAVERS		
---	CONCRETE SCORE JOINTS (6' MAX); EXPANSION JOINTS (30' MAX)		

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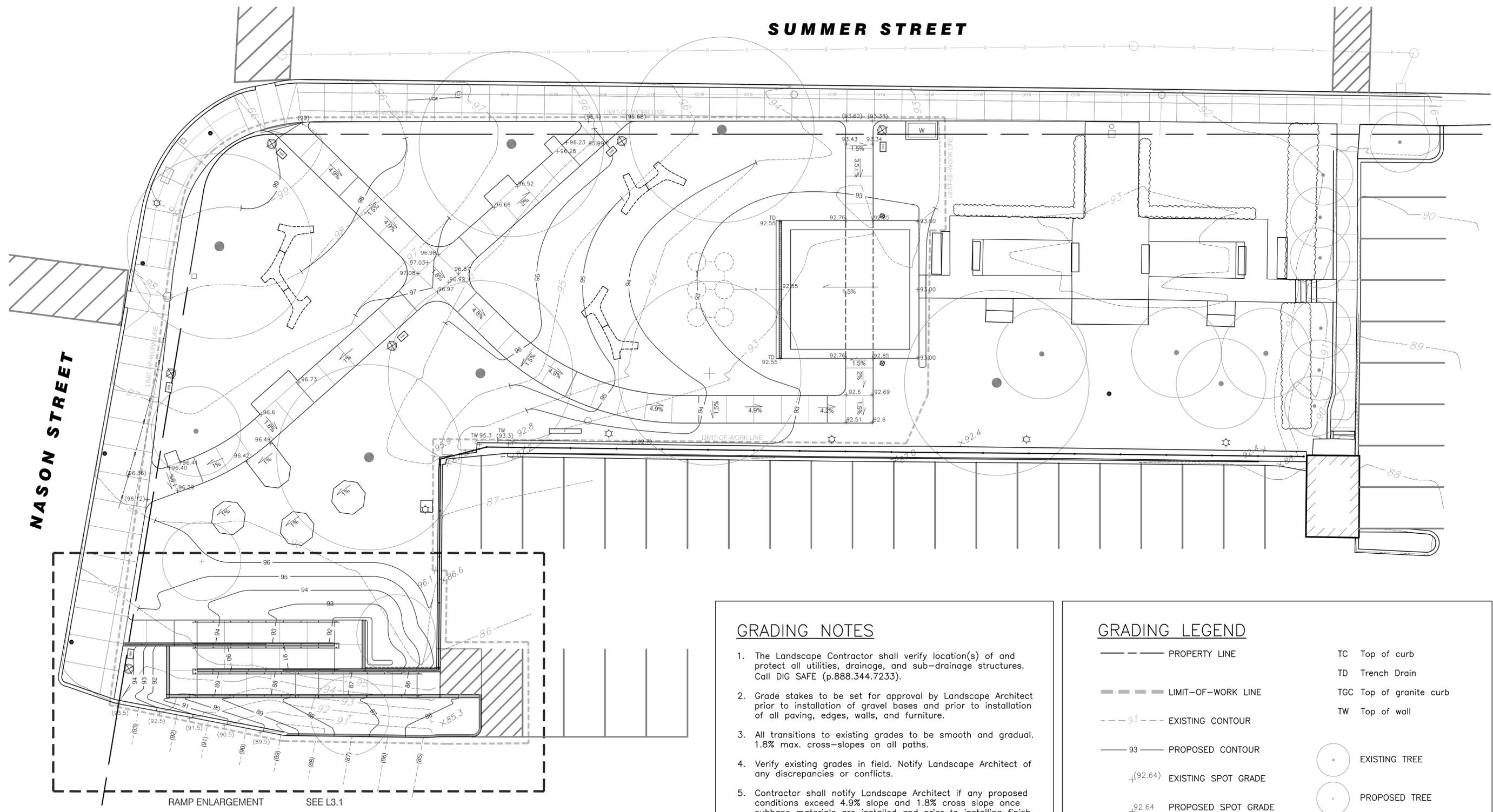
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SUMMER STREET

NASON STREET

RAMP ENLARGEMENT SEE L3.1

GRADING NOTES

1. The Landscape Contractor shall verify location(s) of and protect all utilities, drainage, and sub-drainage structures. Call DIG SAFE (p.888.344.7233).
2. Grade stakes to be set for approval by Landscape Architect prior to installation of gravel bases and prior to installation of all paving, edges, walls, and furniture.
3. All transitions to existing grades to be smooth and gradual. 1.8% max. cross-slopes on all paths.
4. Verify existing grades in field. Notify Landscape Architect of any discrepancies or conflicts.
5. Contractor shall notify Landscape Architect if any proposed conditions exceed 4.9% slope and 1.8% cross slope once subbase materials are installed and prior to installing finish material.
6. Any area outside the Limit of Work Line which is disturbed shall be restored to previous conditions at no cost to the owner.
7. Any tree, that has existing grades modified underneath its canopy, must be reviewed by a certified arborist to determine whether it must be removed. The Town is to select and the Contractor is to hire the Arborist. The contractor is responsible for removing the tree if recommended by the Arborist.

GRADING LEGEND

- PROPERTY LINE
- LIMIT-OF-WORK LINE
- - - 93 - - - EXISTING CONTOUR
- 93 — PROPOSED CONTOUR
- +92.64 EXISTING SPOT GRADE
- +92.64 PROPOSED SPOT GRADE
- DRAIN LINE
- DRYWELL ("FLO-WELL" BY NDS)
- TC Top of curb
- TD Trench Drain
- TGC Top of granite curb
- TW Top of wall
- EXISTING TREE
- PROPOSED TREE

BASE-BID:

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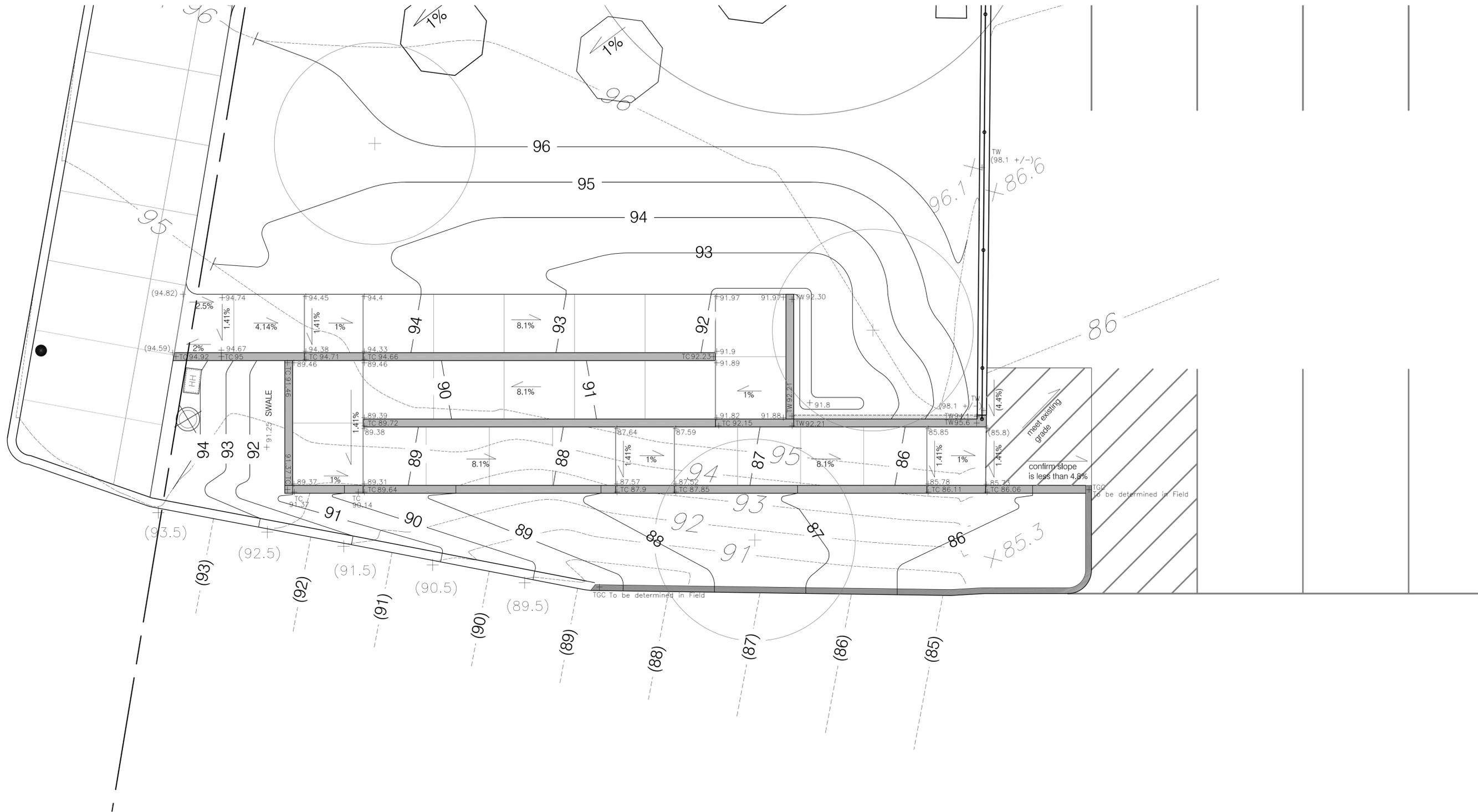
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GRADING LEGEND

- — — — — PROPERTY LINE
- — — — — LIMIT-OF-WORK LINE
- 93 --- EXISTING CONTOUR
- 93 — PROPOSED CONTOUR
- + (92.64) EXISTING SPOT GRADE
- + 92.64 PROPOSED SPOT GRADE
- TC Top of curb
- TD Trench Drain
- TGC Top of granite curb
- TW Top of wall
- EXISTING TREE
- PROPOSED TREE

GRADING NOTES

1. EXISTING GRADES ALONG THE DRIVE FROM NASON STREET (ALONG THE OUTSIDE EDGE OF THE EXISTING CURB/WALL) HAVE BEEN ROUGHLY INTERPOLATED AND BASED OFF FIELD OBSERVATIONS.
2. SLOPE OF RAMP CANNOT EXCEED 8.33%



VETERANS' MEMORIAL PARK

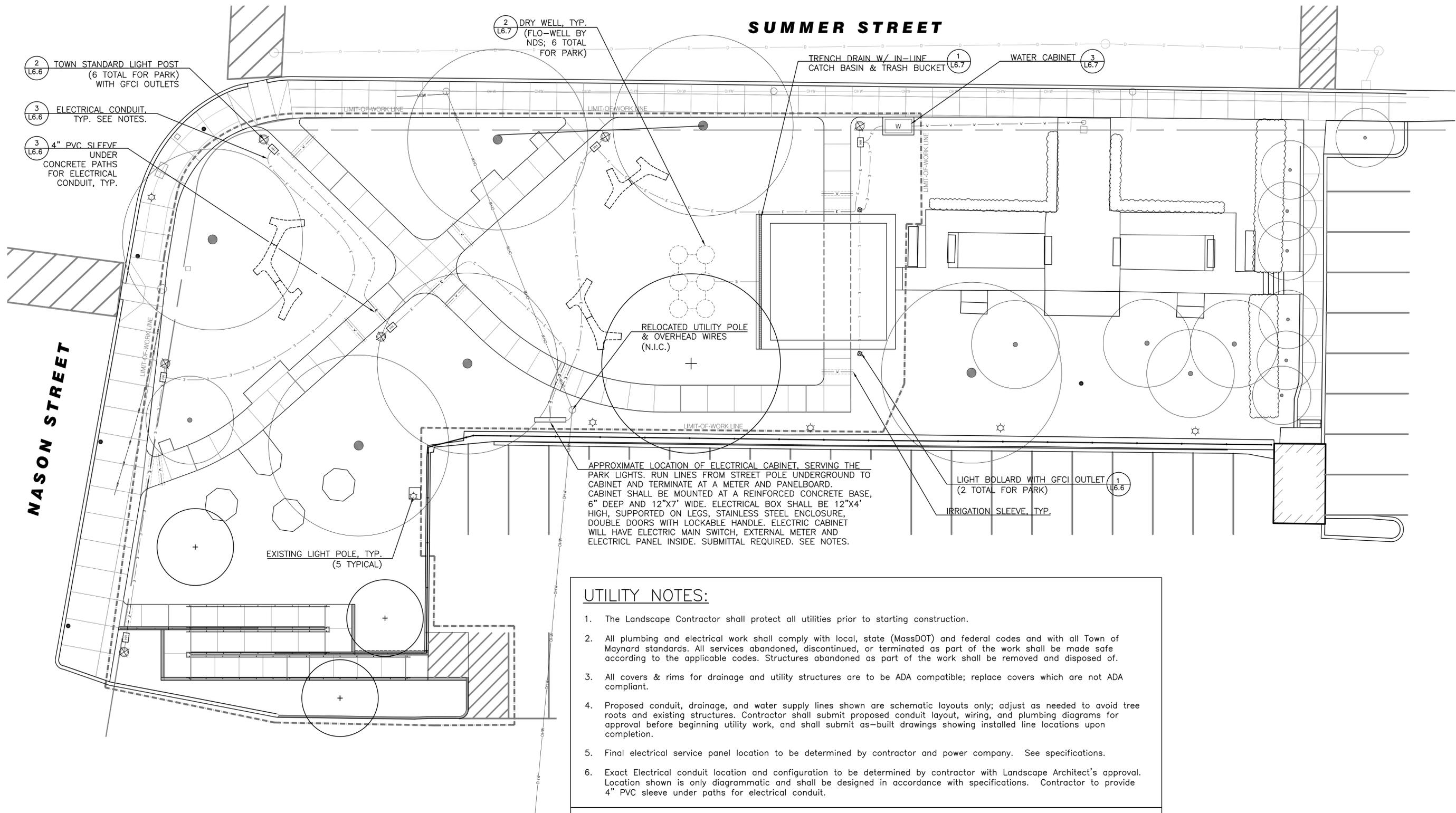
Maynard, MA

GRADING - RAMP ENLARGEMENT

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DATE: 01-25-2016
 SCALE: 1/4" = 1' - 0"
 FILE: Filename.dwg
 DWN BY: JHC
 CKD BY: CCB
 PROJ. #: 1506

L3.1



APPROXIMATE LOCATION OF ELECTRICAL CABINET, SERVING THE PARK LIGHTS. RUN LINES FROM STREET POLE UNDERGROUND TO CABINET AND TERMINATE AT A METER AND PANELBOARD. CABINET SHALL BE MOUNTED AT A REINFORCED CONCRETE BASE, 6" DEEP AND 12"X7' WIDE. ELECTRICAL BOX SHALL BE 12"X4' HIGH, SUPPORTED ON LEGS, STAINLESS STEEL ENCLOSURE, DOUBLE DOORS WITH LOCKABLE HANDLE. ELECTRIC CABINET WILL HAVE ELECTRIC MAIN SWITCH, EXTERNAL METER AND ELECTRICAL PANEL INSIDE. SUBMITTAL REQUIRED. SEE NOTES.

UTILITY NOTES:

1. The Landscape Contractor shall protect all utilities prior to starting construction.
2. All plumbing and electrical work shall comply with local, state (MassDOT) and federal codes and with all Town of Maynard standards. All services abandoned, discontinued, or terminated as part of the work shall be made safe according to the applicable codes. Structures abandoned as part of the work shall be removed and disposed of.
3. All covers & rims for drainage and utility structures are to be ADA compatible; replace covers which are not ADA compliant.
4. Proposed conduit, drainage, and water supply lines shown are schematic layouts only; adjust as needed to avoid tree roots and existing structures. Contractor shall submit proposed conduit layout, wiring, and plumbing diagrams for approval before beginning utility work, and shall submit as-built drawings showing installed line locations upon completion.
5. Final electrical service panel location to be determined by contractor and power company. See specifications.
6. Exact Electrical conduit location and configuration to be determined by contractor with Landscape Architect's approval. Location shown is only diagrammatic and shall be designed in accordance with specifications. Contractor to provide 4" PVC sleeve under paths for electrical conduit.

UTILITY LEGEND:

---	PROPERTY LINE	⊗	PROPOSED LIGHT POST	---	PROPOSED DRAIN LINE
---	LIMIT-OF-WORK LINE	⊗	PROPOSED LIGHT BOLLARD	---	PROPOSED WATER LINE (IRRIGATION SLEEVE)
■	LAWN TO BE LOAMED AND SEEDED	⊙	EXISTING LIGHT POLE	---	PROPOSED ELECTRICAL LINE
⊙	EXISTING TREE	⊙	HANDHOLE	---	PROPOSED ELECTRICAL SLEEVE
⊙	PROPOSED TREE	N.I.C.	NOT IN CONTRACT	---	PROPOSED OVERHEAD WIRING
				---	EXISTING OVERHEAD WIRING

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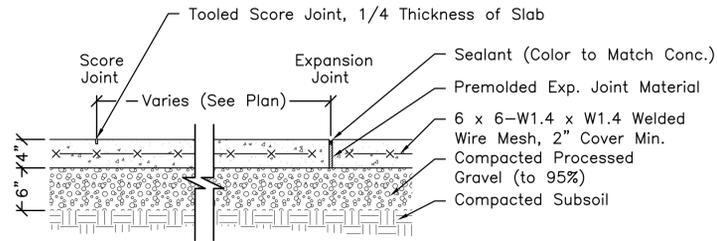
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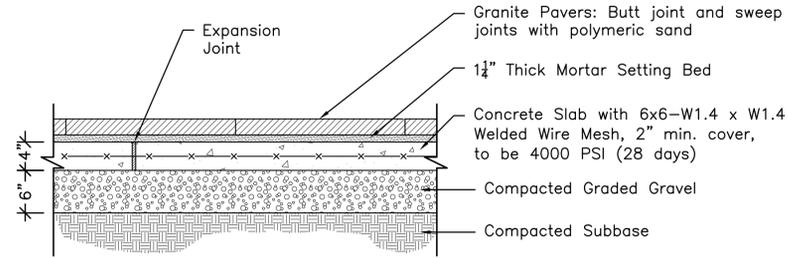
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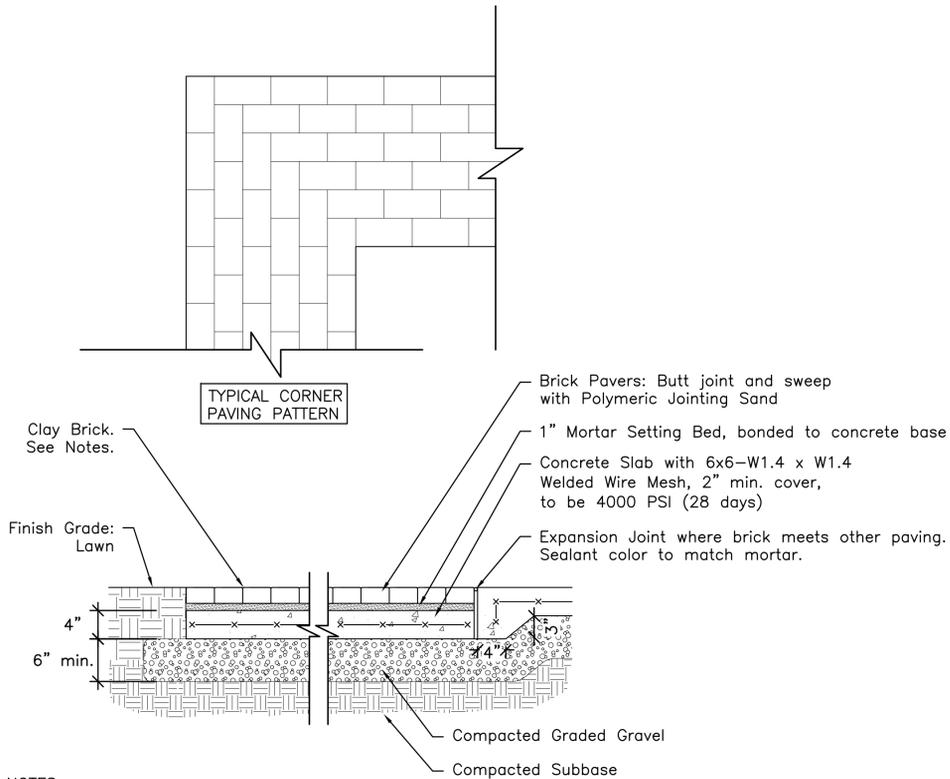
- NOTES:**
- Score joints every 6' (maximum), both directions (see Plan). Expansion joints every 30' (maximum). Locate expansion joints where paving abuts structures, curbs, walls, or existing paving.
 - Concrete to be 4000 PSI (28 days), light broom finish.
 - All walks shall slope to drain (1.8% maximum cross slope). Coordinate with existing grades.

1 CONCRETE WALK
Scale: 1"=1'-0"



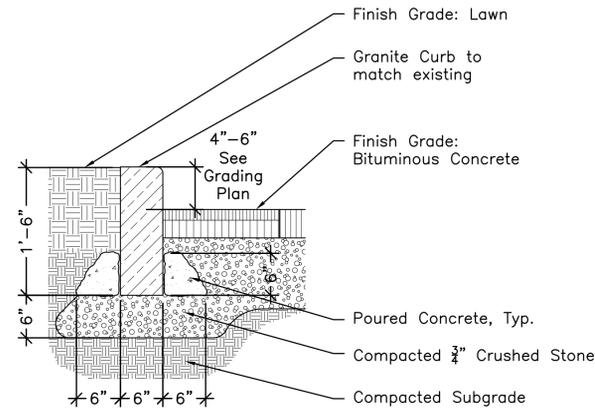
- NOTES:**
- Granite Pavers to be 2'x3' nominal, and 2" thick (with 1.25" of mortar setting bed). Color to be "Woodbury Gray" by Swenson Granite with thermal top and sawn edges.
 - Provide sample for Landscape Architect's approval before ordering.
 - See Plans for paver layouts.
 - Concrete Base shall have expansion joints every 25' maximum, and where paving abuts other paving. Expansion joints shall conform to MSSHB.
 - Concrete formwork to be approved by Landscape Architect prior to concrete pour.
 - Set 4' Sample Area for approval before continuing.
 - Shop Drawings Required for all paving patterns.

3 GRANITE PAVING ON CONCRETE (ADD ALTERNATE #2)
Scale: 1" = 1'-0"



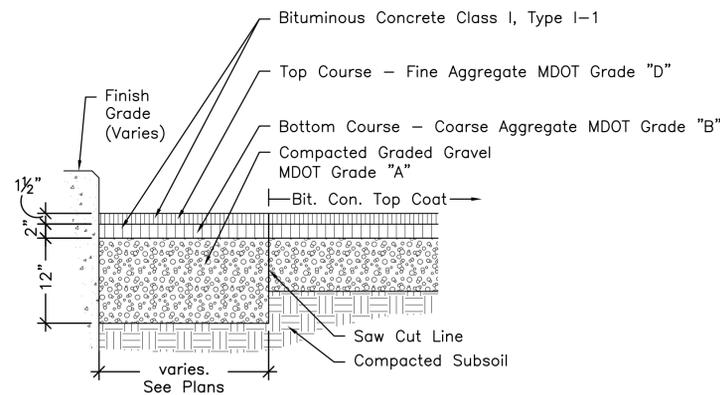
- NOTES:**
- Brick shall be installed in running bond pattern as shown on the Materials and Layout Plans. Confirm layout with L.A. before installing.
 - Brick shall be a wire-cut Belden Brick "City Line Series" in "Regimental Full Range" color palette with chamfered edge, no lugs.
 - Brick to be 4"x8"x2 1/4" actual size.
 - Provide samples showing full color range and actual brick shape, size, and edges for approval before ordering.
 - Concrete Base shall have expansion joints every 25' maximum, and where paving abuts other paving. Expansion joints shall conform to MSSHB.
 - Concrete formwork to be approved by Landscape Architect prior to concrete pour.
 - Set 4' Sample Area for approval before continuing.
 - Shop Drawings required for all paving patterns.

2 BRICK PAVING ON CONCRETE (ADD ALTERNATE #2)
Scale: 1" = 1'-0"

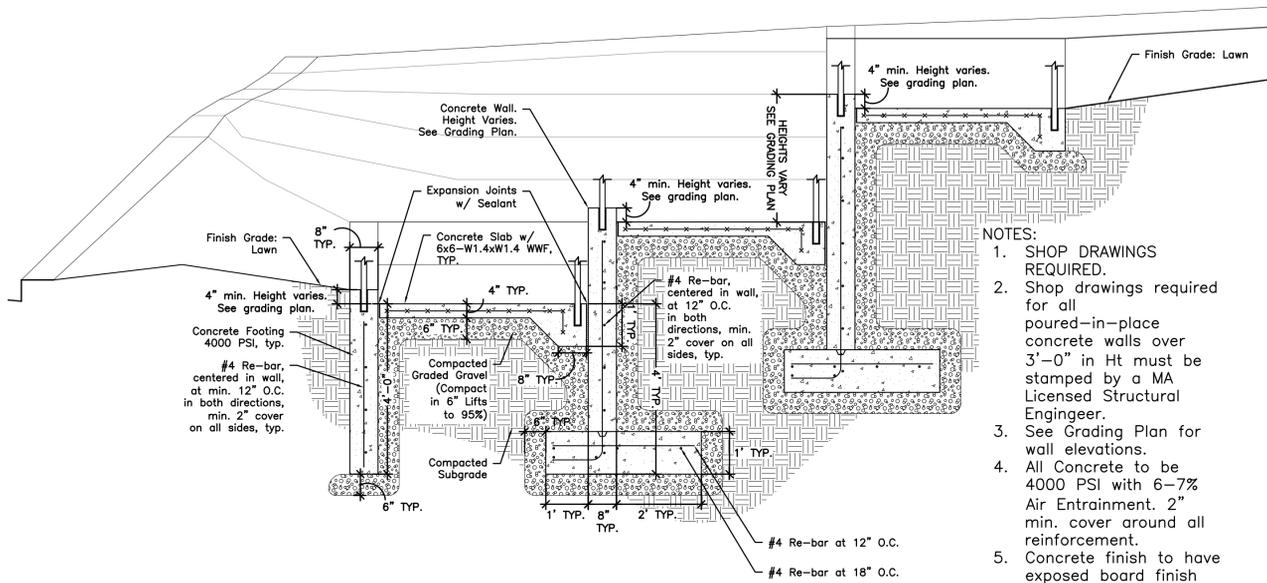


- NOTES:**
- New granite shall match existing curb color, finish, and shape. Provide sample for approval by Landscape Architect.

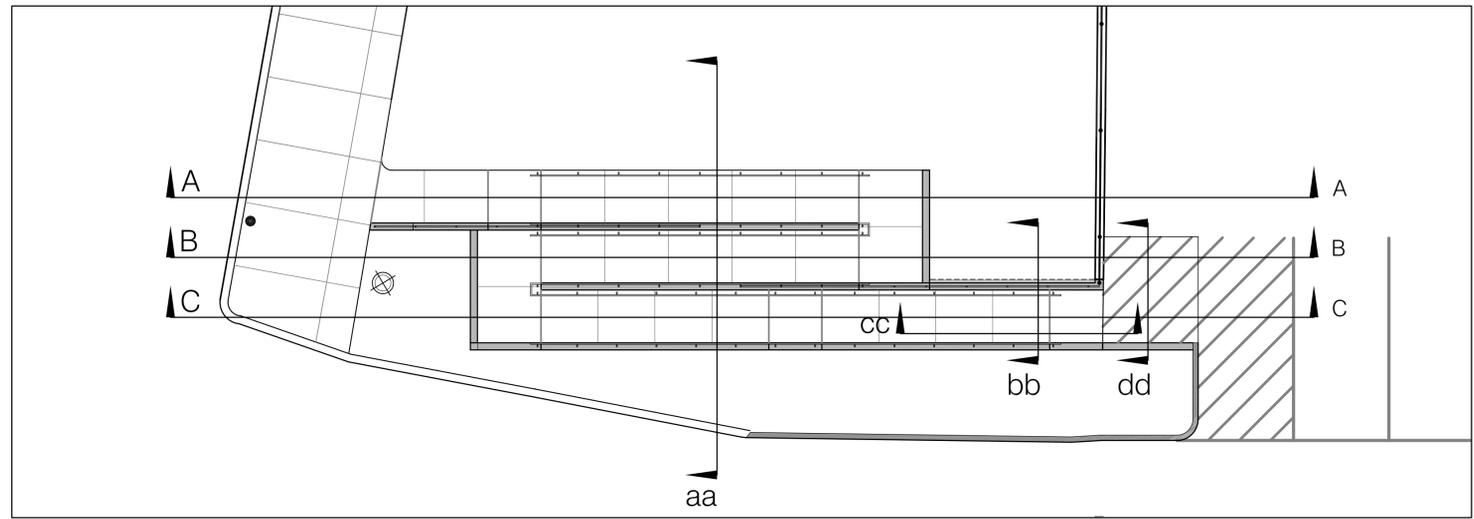
4 GRANITE CURB
Scale: 1" = 1'-0"



5 BITUMINOUS CONCRETE PATCH
Scale: 1" = 1'-0"



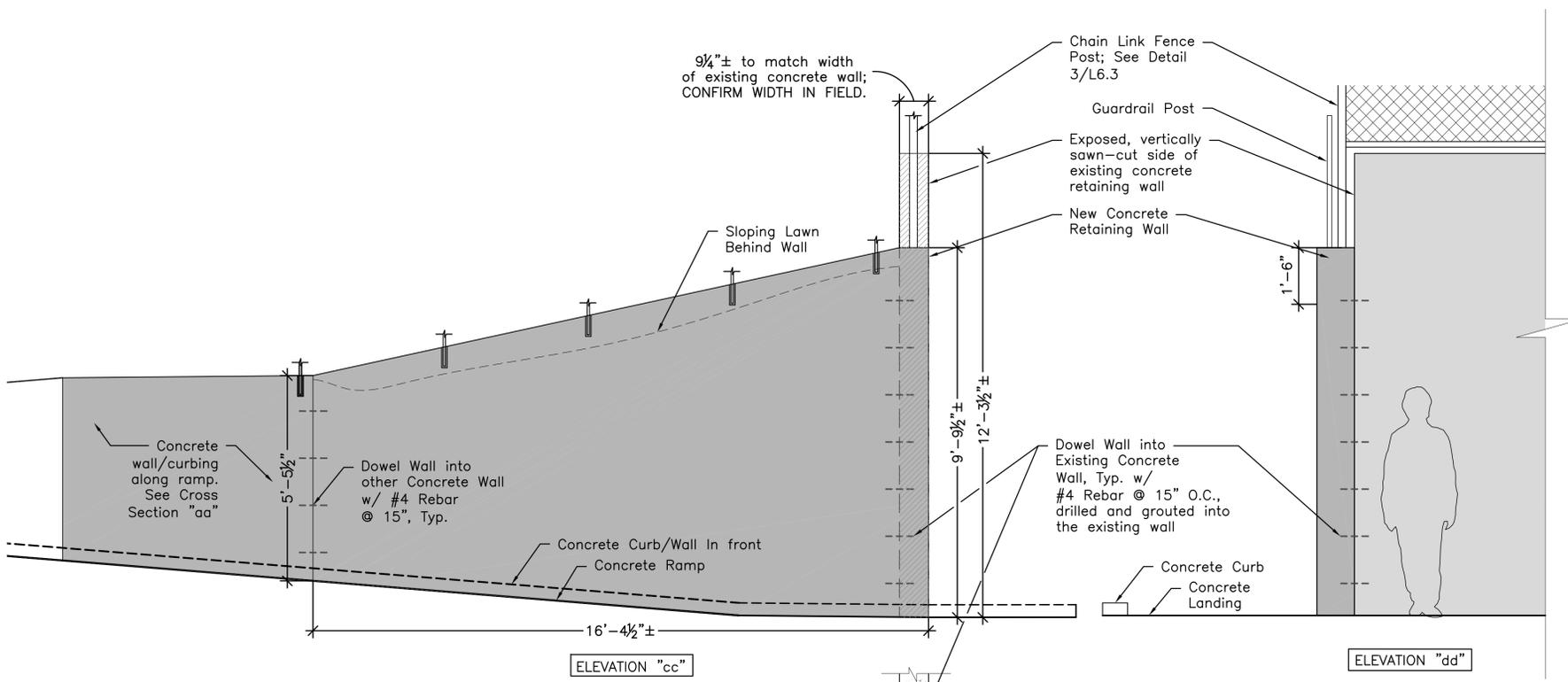
- NOTES:
1. SHOP DRAWINGS REQUIRED.
 2. Shop drawings required for all poured-in-place concrete walls over 3'-0" in Ht must be stamped by a MA Licensed Structural Engineer.
 3. See Grading Plan for wall elevations.
 4. All Concrete to be 4000 PSI with 6-7% Air Entrainment. 2" min. cover around all reinforcement.
 5. Concrete finish to have exposed board finish.
 6. Walking surface of ramp to have a light broom finish.



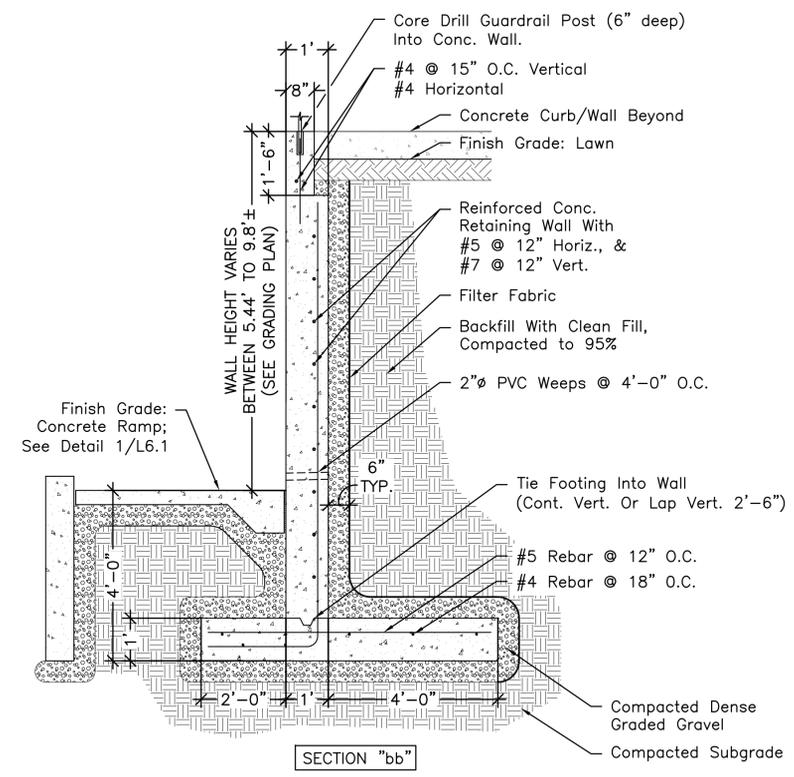
KEY PLAN
 $\frac{1}{8}'' = 1'-0''$

1. For longitudinal sections A, B, and C (rail details), see L6.2
2. For cross sections "aa" and "bb," and elevations "cc" and "dd," see this sheet L6.1

1 CONCRETE RAMP AND WALLS (Cross Section "aa")
 Scale: $\frac{1}{2}'' = 1'-0''$

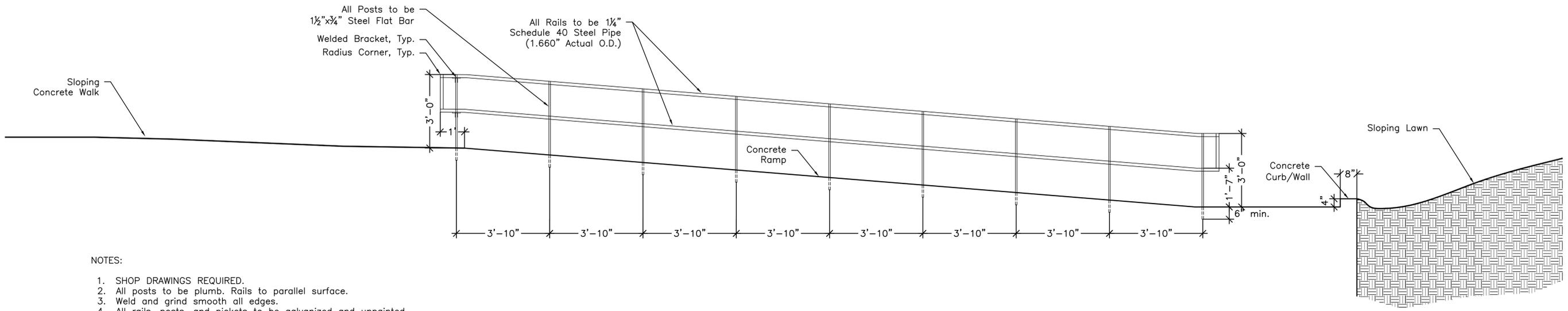


- NOTES:
1. SHOP DRAWINGS REQUIRED.
 2. Shop drawings for all Poured-in-Place concrete walls over 3'-0" in Ht must be stamped by a MA licensed Structural Engineer.
 3. See Grading Plan for wall elevations.
 4. All Concrete to be 4000 PSI with 6-7% Air Entrainment. 2" Min. cover around all reinforcement.
 5. Wall Surfaces to have an exposed board finish.
 6. Control Joints at a maximum of 20'-25'. Construction Joints at maximum 60'.



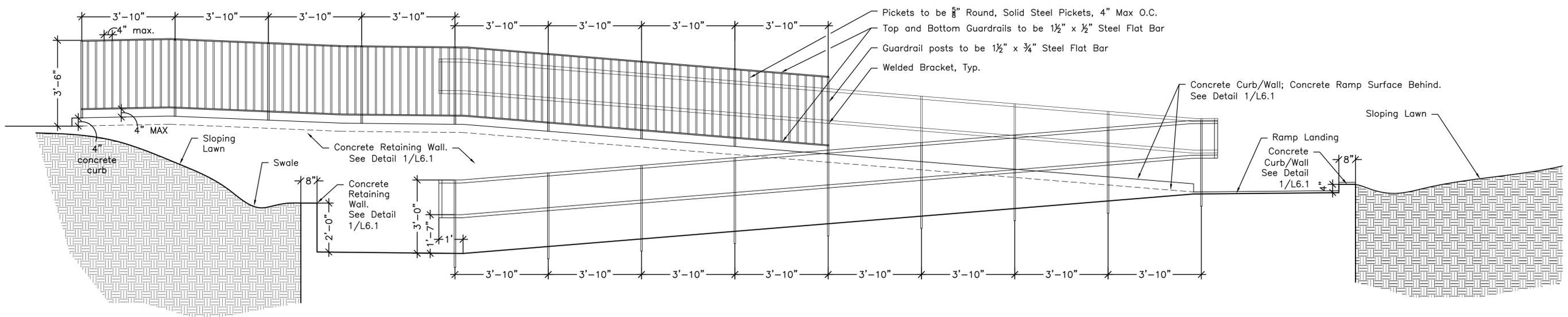
2 TALL CONCRETE RETAINING WALL, MEETING EXISTING CONCRETE RETAINING WALL
 Scale: $\frac{1}{2}'' = 1'-0''$

DATE:	01-25-2017
SCALE:	AS NOTED
FILE:	May_L6_Details_Ramp.dwg
DWN BY:	JHC
CKD BY:	CCB
PROJ. #:	1506



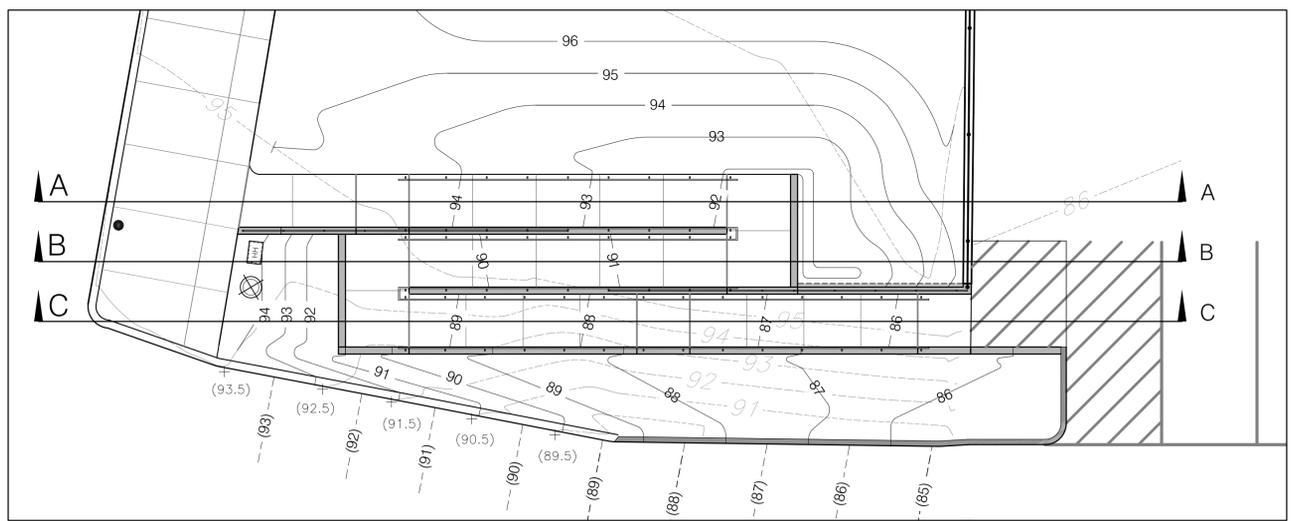
- NOTES:
1. SHOP DRAWINGS REQUIRED.
 2. All posts to be plumb. Rails to parallel surface.
 3. Weld and grind smooth all edges.
 4. All rails, posts, and pickets to be galvanized and unpainted.

1 METAL HANDRAIL AND GUARDRAILS – SECTION A
Scale: 1/2" = 1'-0"

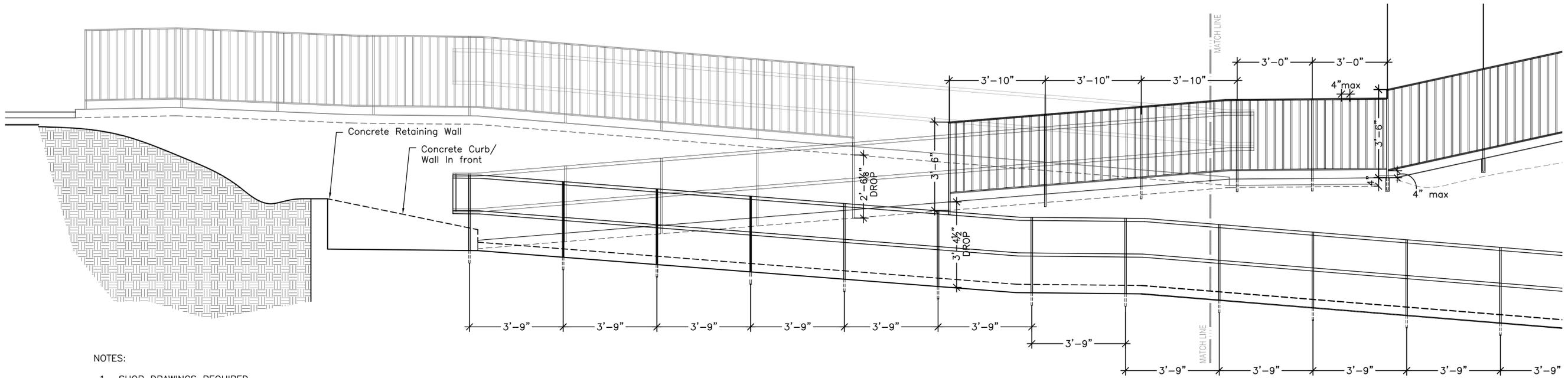


- NOTES:
1. SHOP DRAWINGS REQUIRED.
 2. All posts to be plumb. Rails to parallel surface.
 3. Weld and grind smooth all edges.
 4. All rails, posts, and pickets to be galvanized and unpainted.

2 METAL HANDRAIL AND GUARDRAILS – SECTION B
Scale: 1/2" = 1'-0"



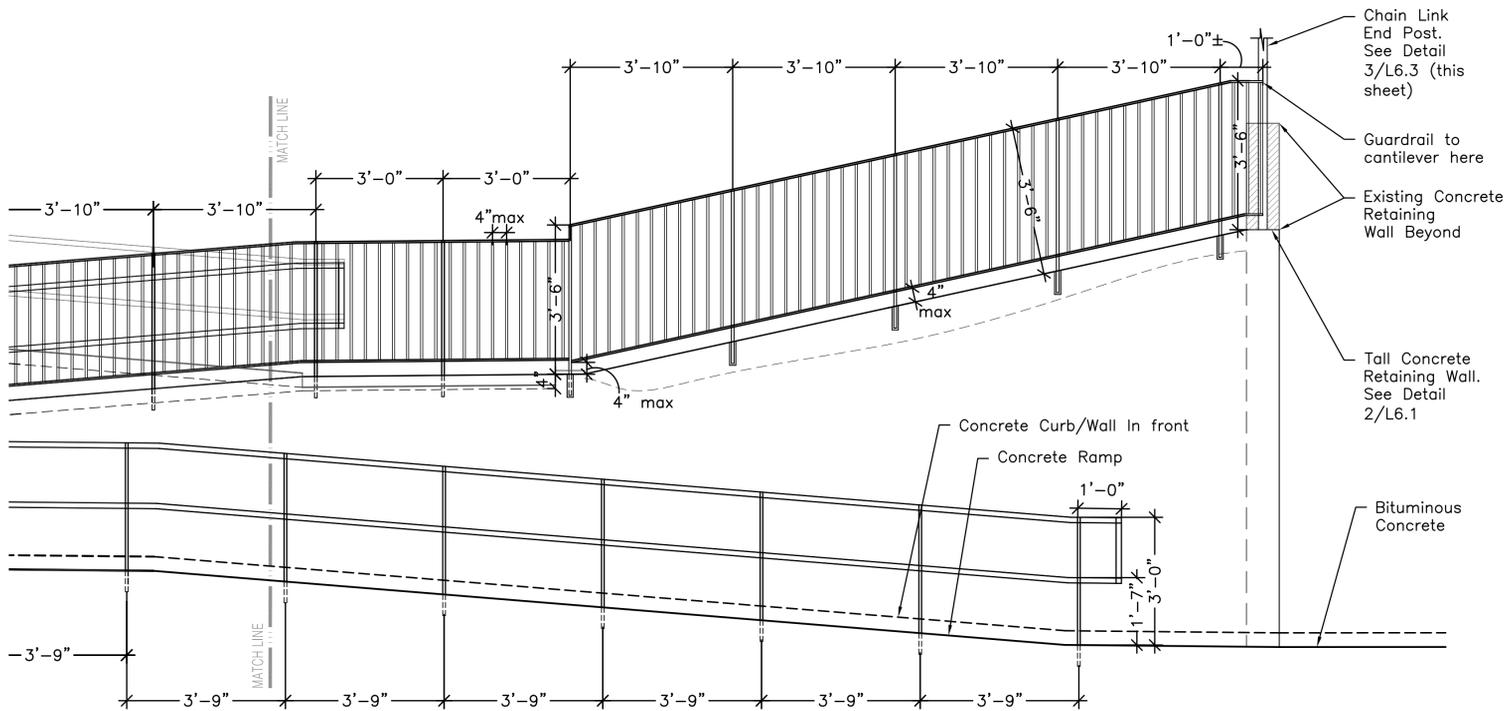
DATE:	01-25-2016
SCALE:	AS NOTED
FILE:	May_L6_Details_Ramp.dwg
DWN BY:	JHC
CKD BY:	CCB
PROJ. #:	1506



NOTES:

1. SHOP DRAWINGS REQUIRED.
2. SEE SHEET L6.4 FOR MORE DETAILS ON HANDRAILS AND GUARDRAILS.
3. FOR CONCRETE RAMP, CURB, AND RETAINING WALL DETAILS, SEE DETAIL 1/L6.1.
4. All posts to be plumb. Rails to parallel surface.
5. Weld and grind smooth all edges.
6. All rails, posts, and pickets to be galvanized and unpainted.

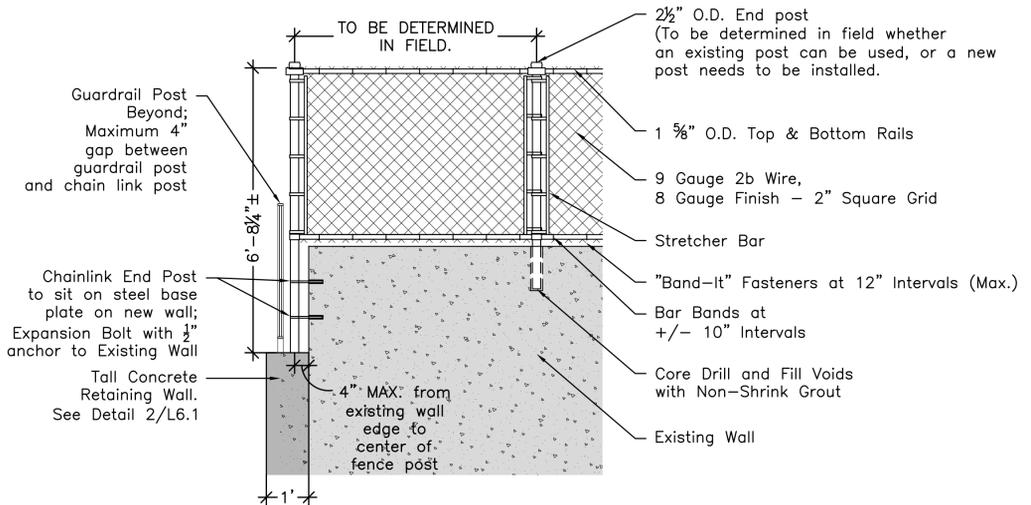
1 METAL HANDRAIL AND GUARDRAILS – SECTION C (PART 1)
Scale: 1/2" = 1'-0"



NOTES:

1. SHOP DRAWINGS REQUIRED.
2. SEE SHEET L6.4 FOR MORE DETAILS ON HANDRAILS AND GUARDRAILS.
3. FOR CONCRETE RAMP, CURB, AND RETAINING WALL DETAILS, SEE SHEET L6.1
4. All posts to be plumb. Rails to parallel surface.
5. Weld and grind smooth all edges.
6. All rails, posts, and pickets to be galvanized and unpainted.

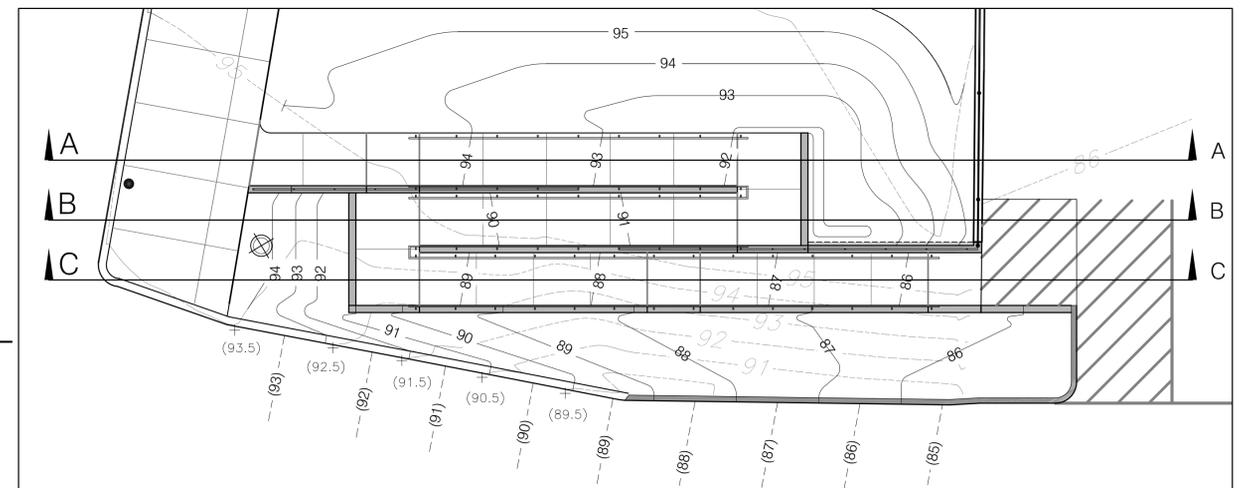
2 METAL HANDRAIL AND GUARDRAILS – SECTION C (PART 2)
Scale: 1/2" = 1'-0"

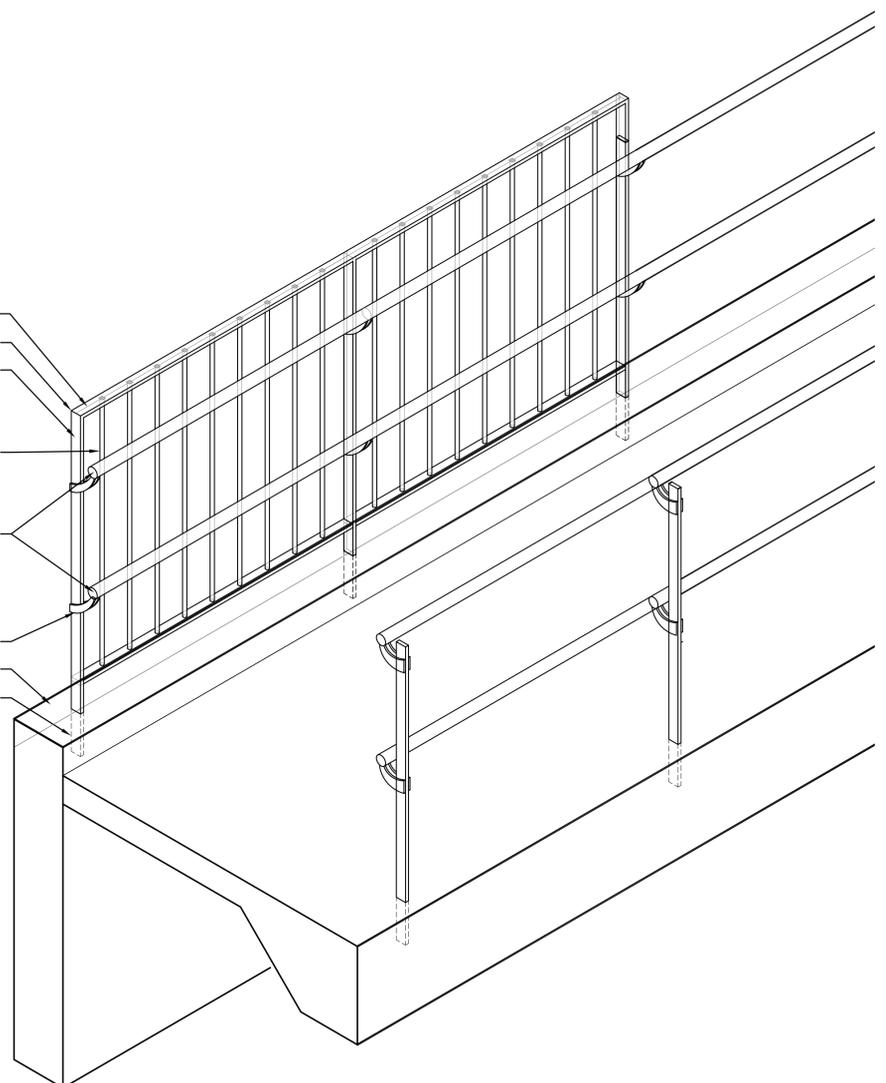
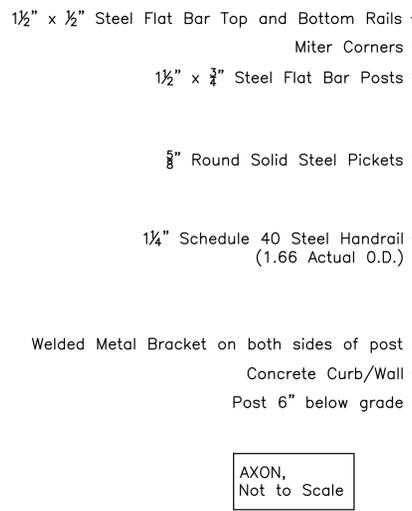
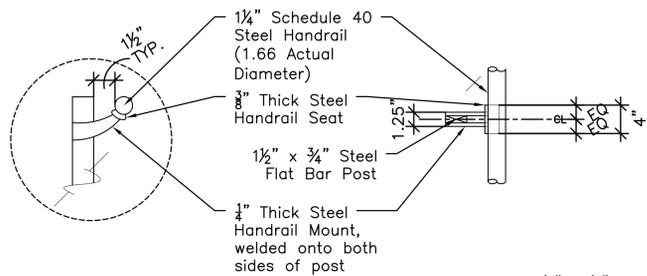
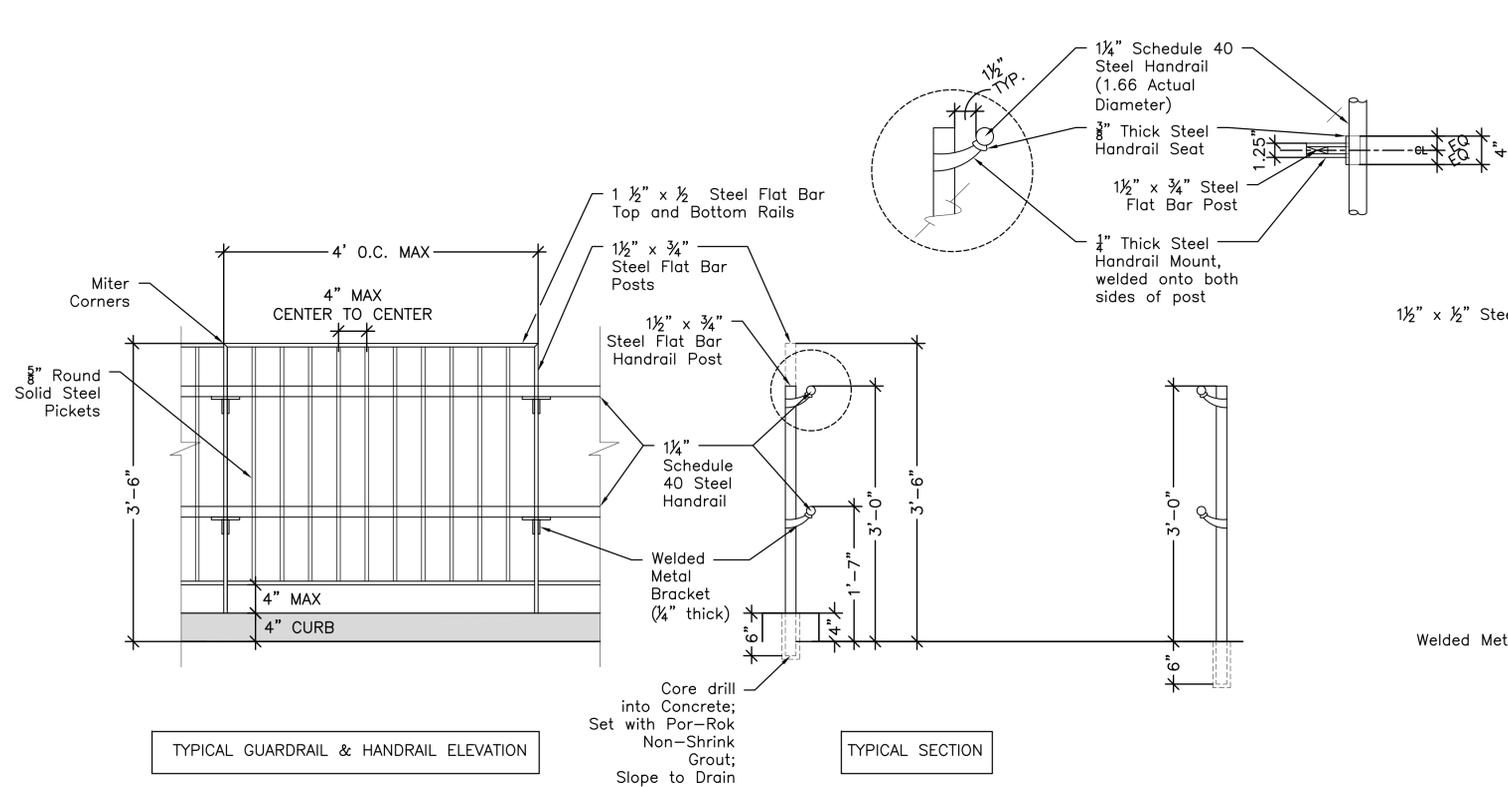


NOTES:

1. SHOP DRAWINGS REQUIRED. Detail of fence on steel base plate needed.
2. Chain Link Fence extension to match existing chain link fence.

3 4' HIGH CHAIN LINK FENCE EXTENSION AND ENDPOST
Scale: 1/2" = 1'-0"



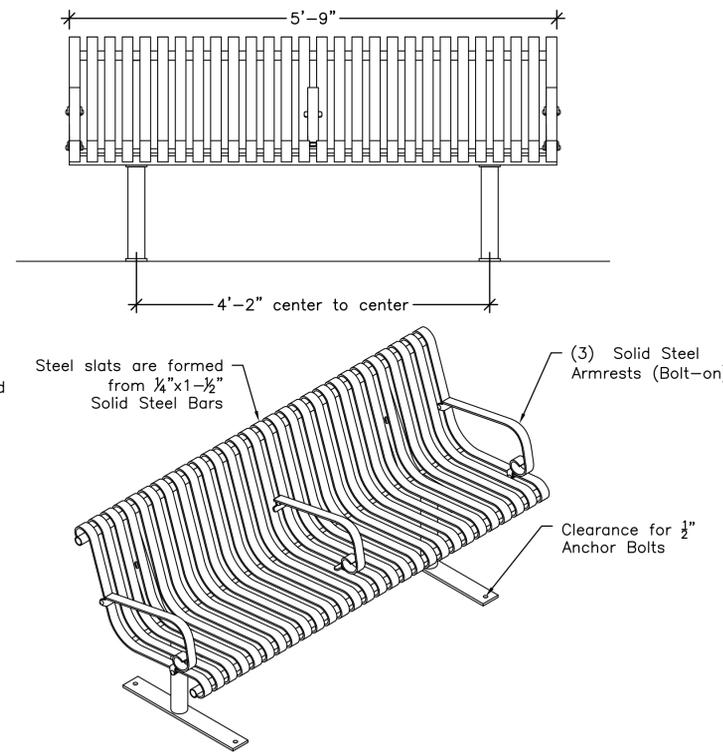
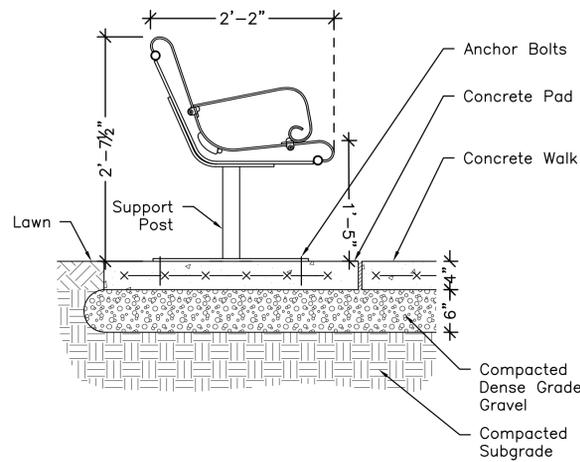


- NOTES:
1. SHOP DRAWINGS REQUIRED.
 2. All posts to be plumb. Rails to parallel surface.
 3. Weld and grind smooth all edges.
 4. All rails, posts, and pickets to be galvanized and unpainted.
 5. See Detail 1/L6.1 for concrete ramp and wall details.

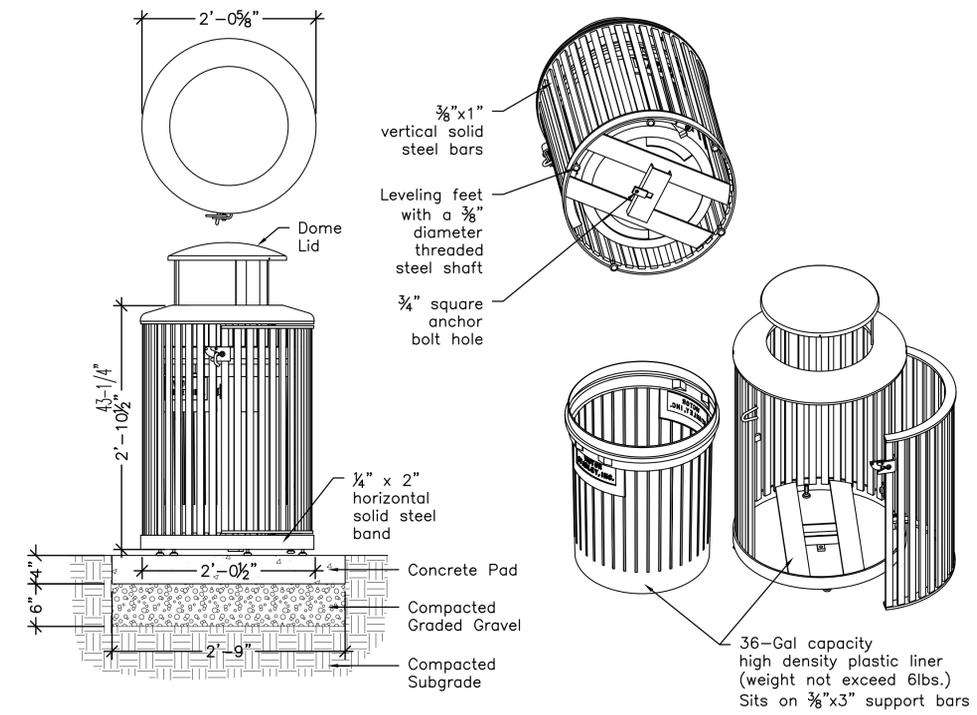
1 METAL HANDRAIL AND GUARDRAILS – ELEVATION, SECTION, AND AXON, TYP.
 Scale: 1" = 1'-0"

MAYNARD VETERANS' MEMORIAL
 Maynard, MA
 DETAILS - HANDRAILS, GUARDRAILS (TYPICAL)

DATE:	01-25-2017
SCALE:	AS NOTED
FILE:	May_L6_Details_Ramp.dwg
DWN BY:	JHC
CKD BY:	CCB
PROJ. # :	1506



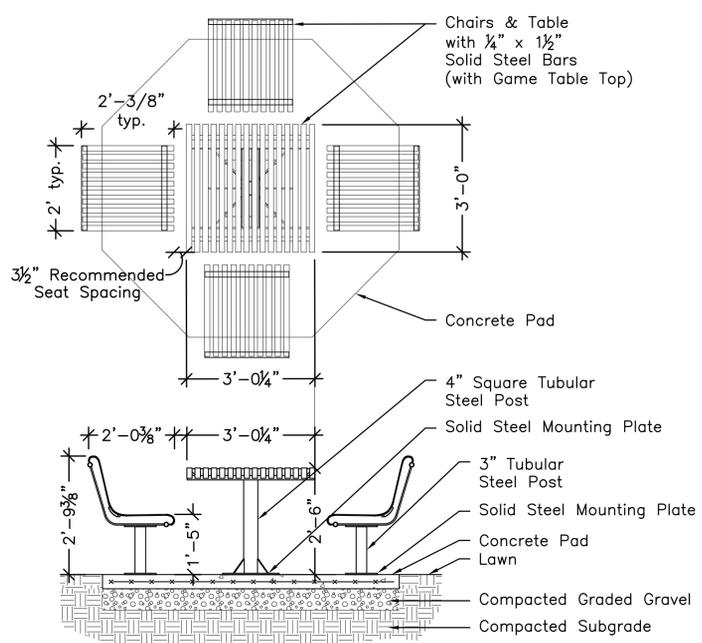
- NOTES:**
1. SHOP DRAWINGS REQUIRED.
 2. Bench to be by Victor Stanley, Inc., Dunkirk, MD, "Steelsite Series™ NRB-6," with 3 armrests, or approved equal. Contact at 301-855-8300 or www.victorstanley.com.
 3. Bench to be surface mounted. Follow all Manufacturer's instructions. Anchor Bolts not provided by Manufacturer.
 4. All steel members to be Polyester Powder coated. Color to be selected by Landscape Architect.
 5. All welds to be continuous and then ground smooth.
 6. This product is shipped partially unassembled.



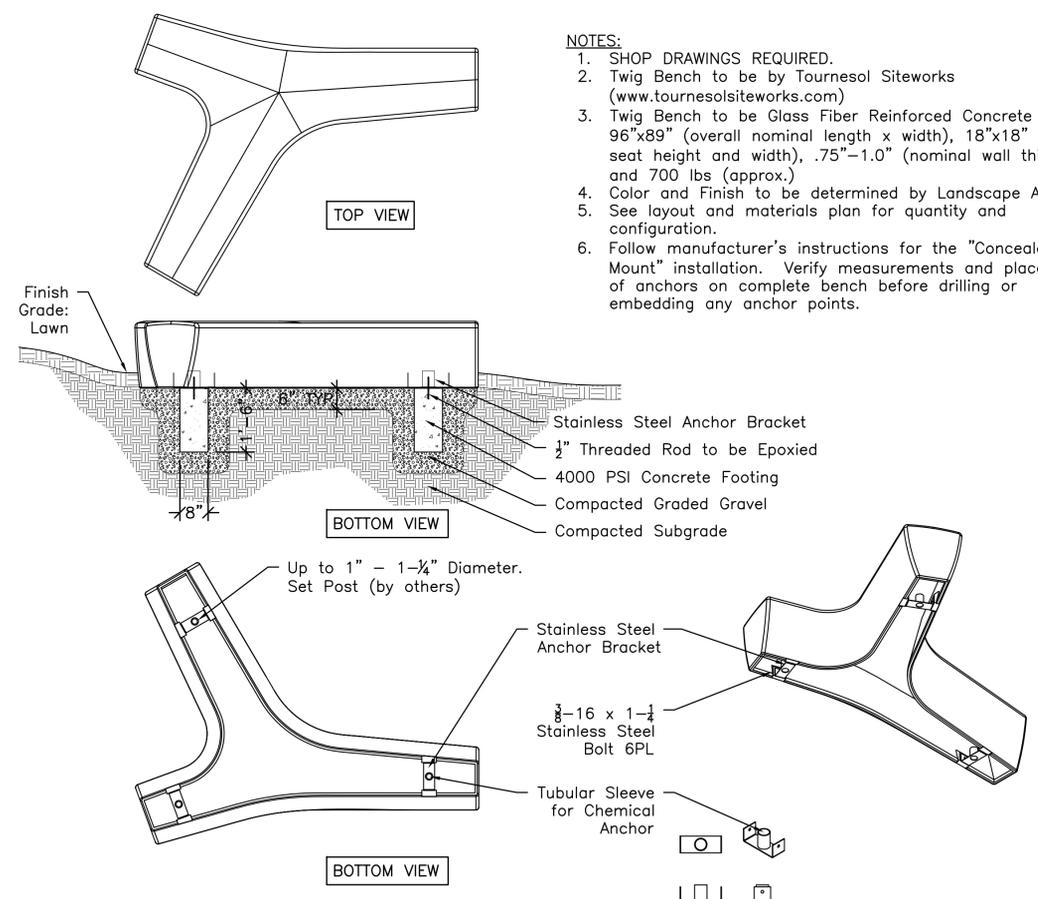
- NOTES:**
1. Trash receptacle to be NSDC-36 Steelsites™ Series with Optional Formed Dome Lid and Standard Lockable Latch by Victor Stanley (301-855-8300 or www.victorstanley.com), or approved equal.
 2. Powdercoat color to be selected by Landscape Architect.
 3. This product is shipped fully assembled.
 4. Anchor bolts not provided by Manufacturer.
 5. Follow manufacturer's instructions for surface mount installation.

1 6' METAL BENCH (ADD ALTERNATE #3)
Scale: 1" = 1'-0"

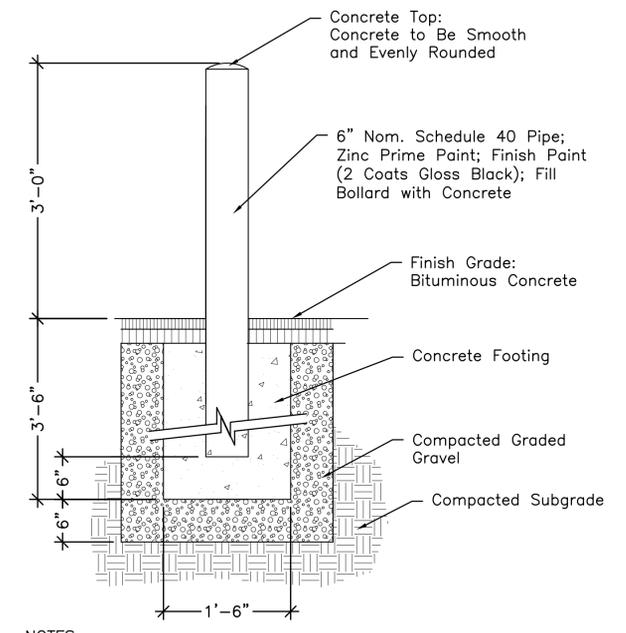
3 TRASH RECEPTACLE (ADD ALTERNATE #3)
Scale: 1" = 1'-0"



- NOTES:**
1. SHOP DRAWINGS REQUIRED.
 2. Table to be IPR-36 Steelsites™ Series (all steel independent post table, 3-foot square, surface-mounted) with game board top, by Victor Stanley, Inc. (301.855.8300 or www.victorstanley.com), or approved equal.
 3. Chairs to be NRS-24 Steelsites™ Series (individual seats), or approved equal.
 4. Table and Chairs to be surface-mounted onto concrete pad. Follow all manufacturer's instructions. Anchor bolts not provided by Manufacturer.
 5. See layout and materials plans for number of chairs and configuration.
 6. Table and Chairs to have a powder coat finish. Color to be selected by Landscape Architect.



- NOTES:**
1. SHOP DRAWINGS REQUIRED.
 2. Twig Bench to be by Tournesol Siteworks (www.tournesolsiteworks.com)
 3. Twig Bench to be Glass Fiber Reinforced Concrete (GFRC), 96"x89" (overall nominal length x width), 18"x18" (nominal seat height and width), .75"-1.0" (nominal wall thickness), and 700 lbs (approx.)
 4. Color and Finish to be determined by Landscape Architect.
 5. See layout and materials plan for quantity and configuration.
 6. Follow manufacturer's instructions for the "Concealed Mount" installation. Verify measurements and placement of anchors on complete bench before drilling or embedding any anchor points.

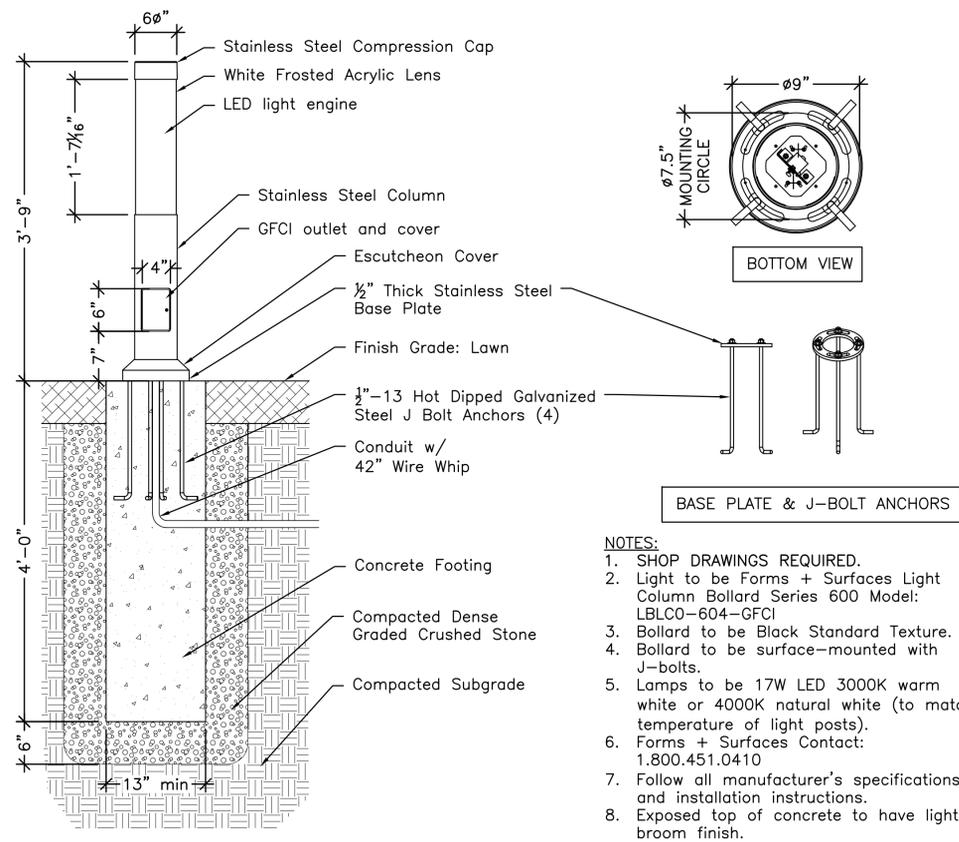


- NOTES:**
1. Bollard cap to be Concrete Top.
 2. Bollard to be concrete filled schedule 40 pipe.
 3. Once bollard is set, paint concrete top and bollard black with (2) coats of paint.

2 PICNIC/GAME TABLE (ADD ALTERNATE #3)
Scale: 1/2" = 1'-0"

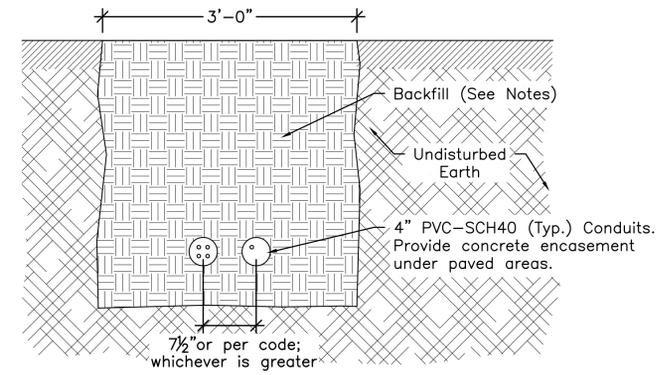
4 "TWIG" BENCH WITH CONCEALED ANCHOR (ADD ALTERNATE #4)
Scale: 1/2" = 1'-0"

5 STEEL PIPE BOLLARD
Scale: 1" = 1'-0"



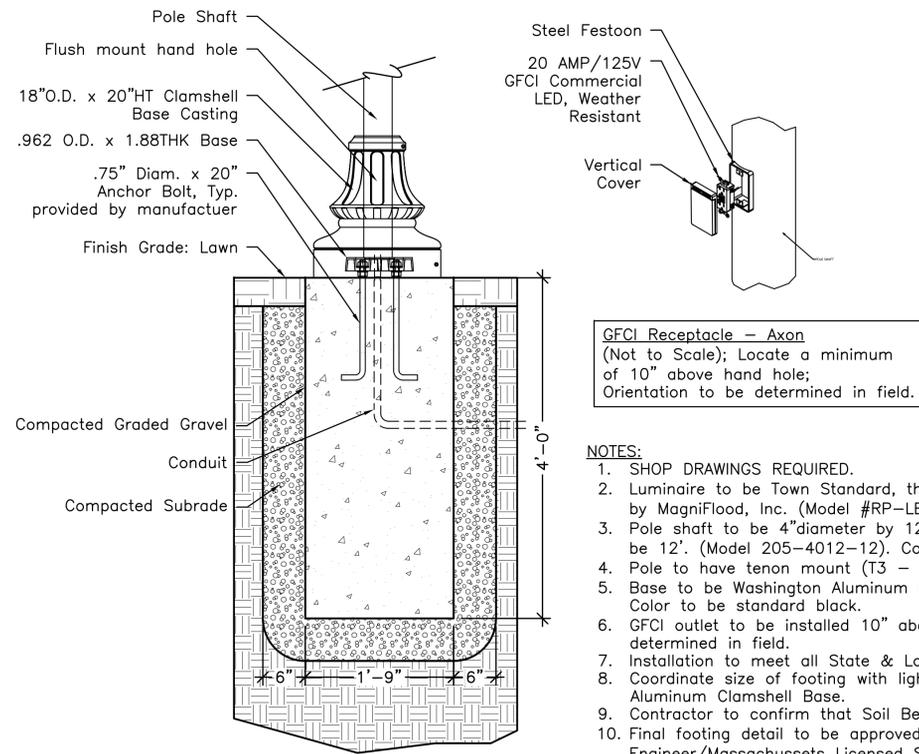
- NOTES:**
1. SHOP DRAWINGS REQUIRED.
 2. Light to be Forms + Surfaces Light Column Bollard Series 600 Model: LBLCO-604-GFCI
 3. Bollard to be Black Standard Texture.
 4. Bollard to be surface-mounted with J-bolts.
 5. Lamps to be 17W LED 3000K warm white or 4000K natural white (to match temperature of light posts).
 6. Forms + Surfaces Contact: 1.800.451.0410
 7. Follow all manufacturer's specifications and installation instructions.
 8. Exposed top of concrete to have light broom finish.

1 LIGHT BOLLARD WITH GFCI OUTLET (ADD ALTERNATE #1)
Scale: 1" = 1'-0"



- NOTES:**
1. Backfill containing large rock, paving materials, cinders, large or sharply corrosive material shall not be placed in an excavation where materials may damage raceways, cables, or other substructures or prevent adequate compaction of fill or contribute to corrosion of raceways, cables, or other substructures. Where necessary to prevent physical damage to the raceway or cable, protection shall be provided in the form of granular or selected material, suitable running boards, suitable running boards, suitable sleeves, or other approved means.
 2. Bury ductbank to depth required by local, state, and federal code.

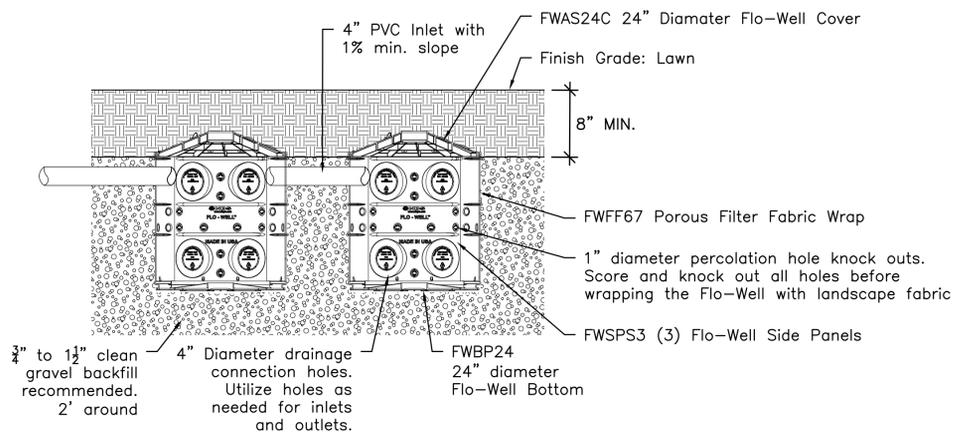
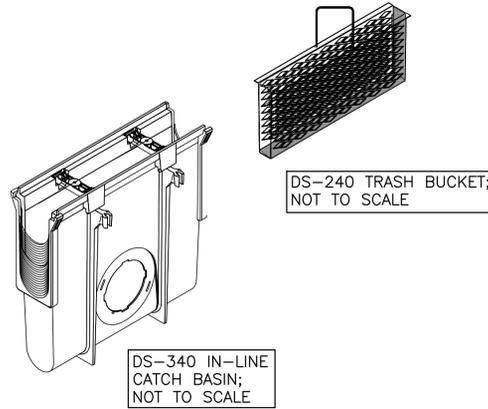
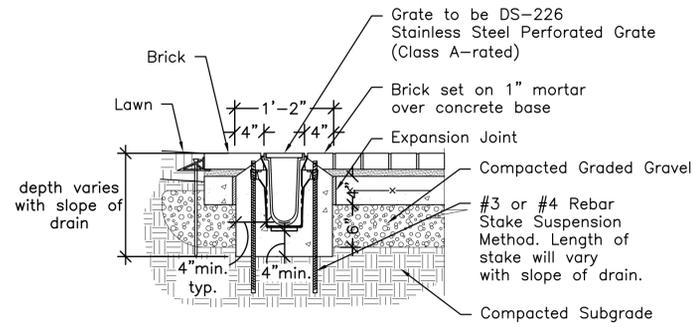
3 UNDERGROUND DUCTBANK
NOT TO SCALE



- GFCI Receptacle - Axon**
(Not to Scale); Locate a minimum of 10" above hand hole; Orientation to be determined in field.
- NOTES:**
1. SHOP DRAWINGS REQUIRED.
 2. Luminaire to be Town Standard, the "Riverside park LED"-LED Configurations by MagniFlood, Inc. (Model #RP-LED49-T5-B2-BLACK.)
 3. Pole shaft to be 4" diameter by 12' height steel pole. Mounting height to be 12'. (Model 205-4012-12). Color to be standard black.
 4. Pole to have tenon mount (T3 - Ø3.00 OD X 5.00 LG).
 5. Base to be Washington Aluminum Clamshell Base Casting (Model B1-CS). Color to be standard black.
 6. GFCI outlet to be installed 10" above handhole. Orientation to be determined in field.
 7. Installation to meet all State & Local codes and requirements.
 8. Coordinate size of footing with light pole mounting plate and Washington Aluminum Clamshell Base.
 9. Contractor to confirm that Soil Bearing Capacity is 4000 PSF min.
 10. Final footing detail to be approved by Town of Maynard/Town Engineer/Massachusetts Licensed Structural Engineer.

2 LIGHT POST FOOTING WITH GFCI OUTLET (ADD ALTERNATE #1)
Scale: 1" = 1'-0"

Maynard Veterans' Memorial 2016

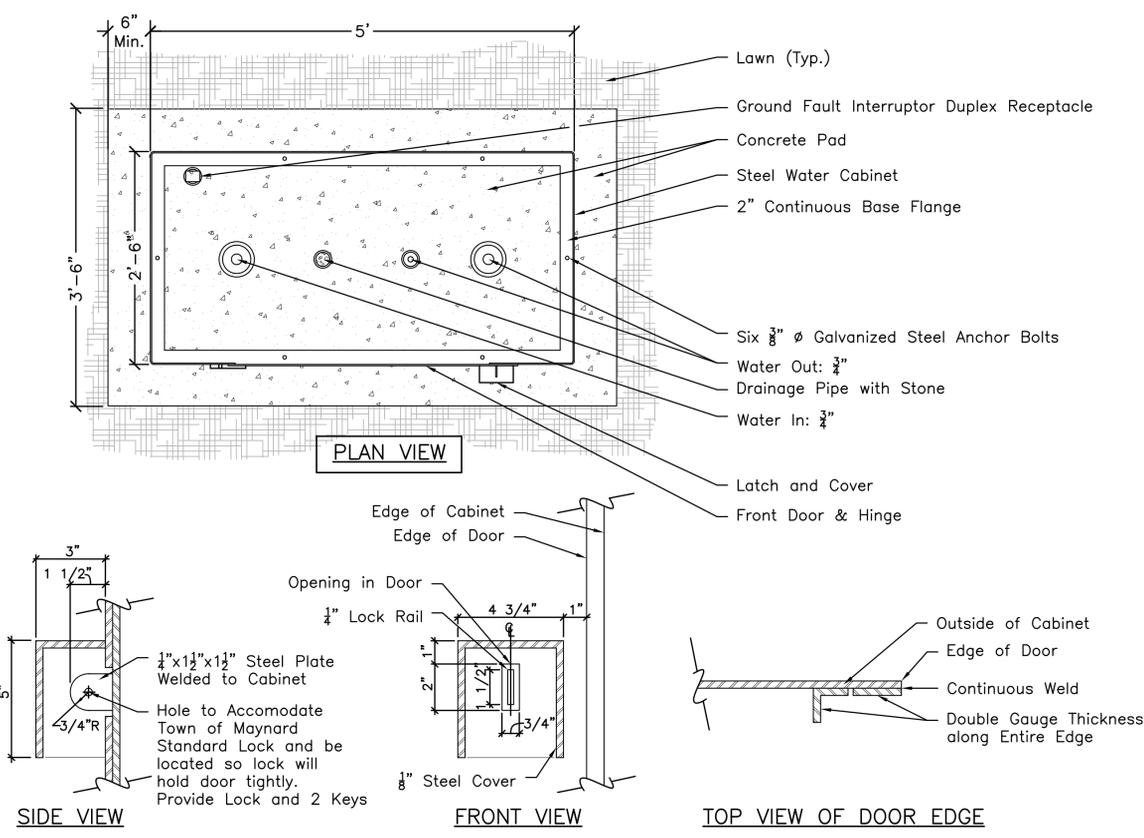
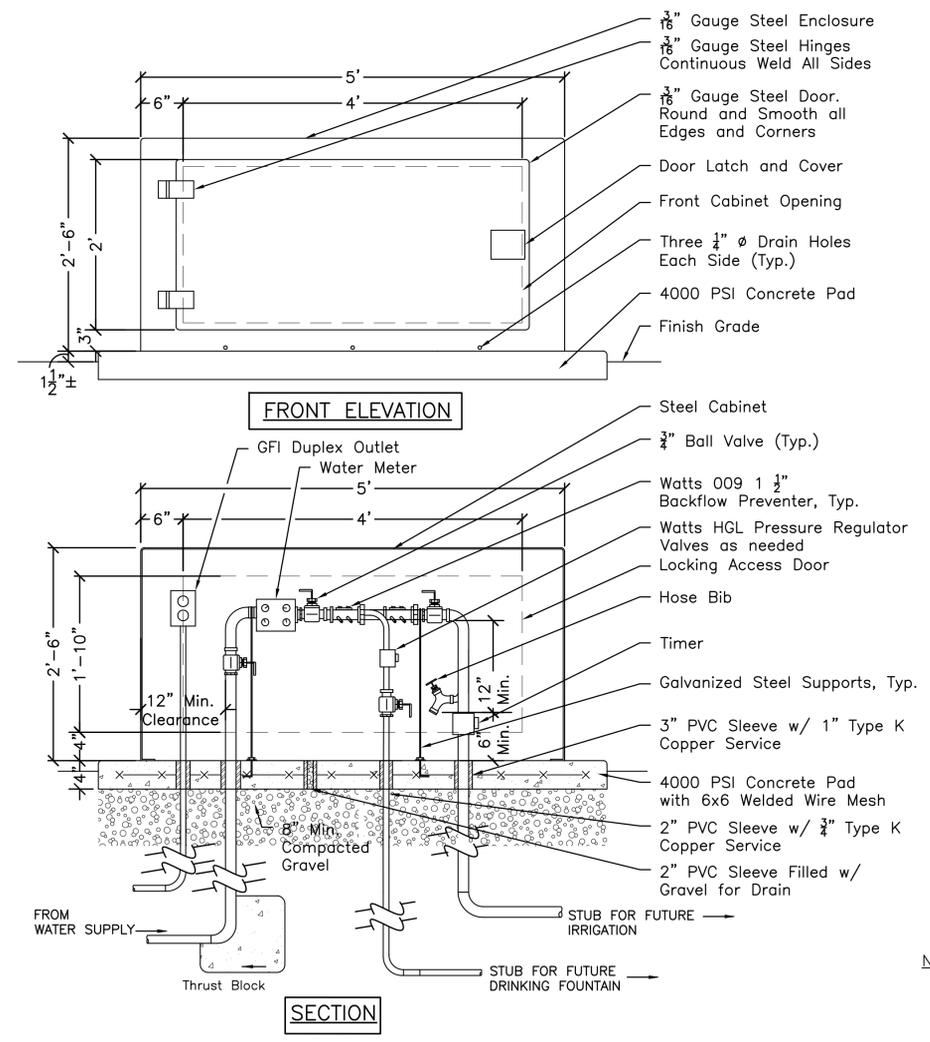


- NOTES:**
- Channels to be installed with blank grate. Grate to be protected from concrete pour (cover holes with tape).
 - Installation to be completed in accordance with manufacturer's specifications.
 - Channel drain to be NDS Dura Slope™ Trench Drain. Model DS-091 (3.99" - 4.34" Deep Dura Slope Channel; 4' long section, 6 5/8" wide, with a built-in slope of .7%).
 - Channel drains to slope towards Dura Slope™ In-Line Catch Basin (DS-340) to be used with Dura Slope™ Trash Bucket (DS-240).
 - Connect catch basin to Flo-Well Drywell System by NDS, as shown on Grading Plan.
 - Drain System to be reviewed and approved by Town.

- NOTES:**
- System to be FWAS24 by NDS, laterally connected.
 - System must be installed 10' away from any structure or foundation.
 - Installation to be completed in accordance with manufacturer's specifications.
 - All information and contained herein was current at the time of development but must be reviewed and approved by the product manufacturer to be considered accurate.

1 TRENCH DRAIN W/ INLINE CATCH BASIN & TRASH BUCKET (ADD-ALTERNATE #2)
NOT TO SCALE

2 FLO-WELL DRY WELL SYSTEM (ADD ALTERNATE #2)
Scale: 1/2" = 1'-0"



- NOTES:**
- Contractor to purchase Water Meter from Town of Maynard and install Meter in Cabinet as indicated.
 - Contractor to provide Lock which meets Town of Maynard Standard.
 - SHOP DRAWINGS REQUIRED

3 WATER CABINET W/ GFI ON CONCRETE PAD
SCALE: 1" = 1'-0"