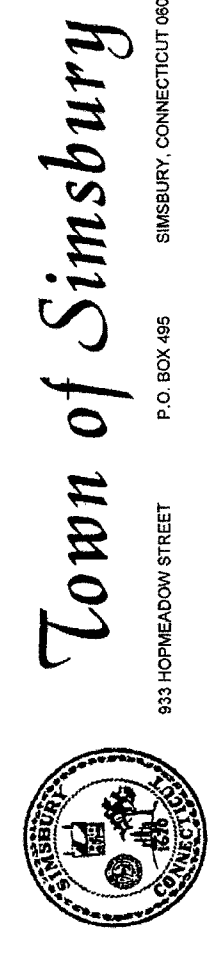


CHILDCARE FACILITY

PARCEL ID: E18 117 001-1C HOPMEADOW STREET - SIMSBURY, CONNECTICUT

APPLICANT:
OWNER:
SITE PLANNER:

CHILDCARE CENTER DREAM DEVELOPERS OF CT
34 HOPMEADOW STREET REALTY CO. LLC
DENNO LAND SURVEYING & CONSULTING, LLC



931 HOPMEADOW STREET
P.O. BOX 496
SIMSBURY, CONNECTICUT 06070

APRIL 3, 2024
CERTIFIED MAIL: 9589 9719 5770 0595 9721 16

Mr. Brian Denno
2 Tunis Road, Suite 214
Tartfordville, CT 06081

REFERENCE: Application CC #24-10 of 34 Hopmeadow St. Realty Co., LLC, for a wetland permit to construct a childcare facility on the site. The plan includes a detention basin, a storm drainage and underground utilities in the soil and upland review area in association with a drainage cutting being proposed at 34 Hopmeadow Street (Corner of Hopg 015, Block 117, Lot 010-1C) Simsbury, CT 06070, same PAD.

Dear Mr. Denno:
The Town of Simsbury's Inland Wetlands Commission APPROVED the 30 Hopmeadow Street application at its regular meeting on April 2, 2023. The regulated activities are subject to jurisdiction in accordance with CT General Statutes, Section 22a-36 through 22a-45, inclusive, as amended, and the Simsbury Inland Wetlands and Watercourse Regulations.

- The Commission made the following findings:
- The construction of the detention basin will increase the area of the wetlands function as it will help filter and drain storm runoff as water moves through the basin into the culvert.
 - Prudent and feasible alternatives do not exist as the elevation needed for the detention pond occurs in the area where the wetland soils and upland review are located.
 - Short-term impacts to the regulated area will be minimized with the use of soil and control measures.

And subject to the following conditions:

- The project shall be developed in substantial conformance to the site plan titled, "Childcare Facility Parcel ID: E18 117 001-1C Hopmeadow Street Simsbury, CT" dated 3/8/24, Revised 4/01/2024, prepared by Denno Land Surveying and Consulting, LLC.
- Native plantings in the project area will be utilized per the submitted landscape plan in accordance with the following schedule:
8.30 - 7.00 - Shrub
8.30 - 4.30 - Mulch
8.30 - 1.00 - Tree

- At all times during site work and until soil areas are stabilized, the applicant shall install and maintain erosion and sediment control measures depicted in the plan (see condition #1) such as silt fence, filter fabric, or other measures deemed necessary by the Commission's agent to prevent erosion and sedimentation impacts to wetlands and watercourses.
- All erosion control and soil stabilization measures shall comply with the approved plans and the guidelines as established in the Connecticut Guidelines for Soil Erosion and Sediment Control, 2002, CTDEP Bulletin #4.
- Upon direction of the Commission's agent, erosion and sediment control measures shall be removed by the applicant following stabilization of the site.
- The Inland Wetlands Agent shall be notified at least 48 hours prior to commencement of activities.

All work and all regulated activities conducted pursuant to this authorization shall be consistent with the terms and conditions of this permit. Any structures, excavation, installation, or other activity is not completed within this time frame, the permit may be held to be invalid by the Inland Wetlands Agency or the applicant may be required to petition the Commission for an extension or re-issuance of the permit. The Commission may require the applicant to furnish additional information at that time.

This permit shall be valid for a period of 5 years. Permit extensions may be authorized in accordance with the provisions of the General Statutes, Section 22a-36 through 22a-45, inclusive. If the regulated activity is not completed within this time frame, the permit may be held to be invalid by the Inland Wetlands Agency or the applicant may be required to petition the Commission for an extension or re-issuance of the permit. The Commission may require the applicant to furnish additional information at that time.

This permit has a 15-day appeal period from the date of publication in a newspaper having general circulation in the area. Any appeal will be heard by the Inland Wetlands Agency at a regularly scheduled meeting. Until this appeal period has expired you can proceed at your own risk.

Respectfully,
Denno Land Surveying & Consulting, LLC
Wetlands Designated Agent

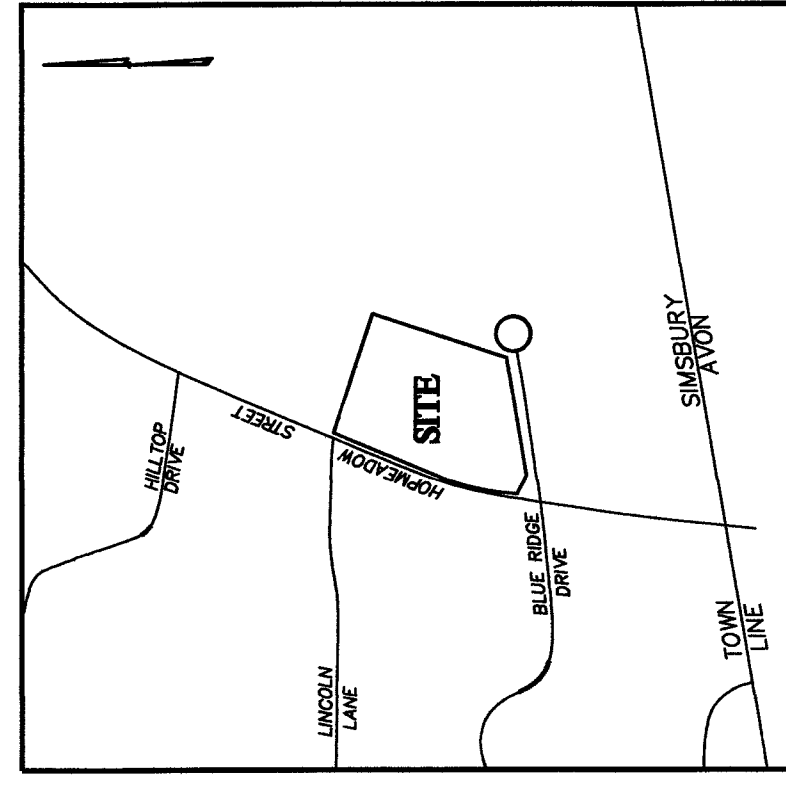
NOTES:

- PROPERTY OF: 34 HOPMEADOW STREET REALTY CO. LLC
- APPLICANT: CHILDCARE CENTER DREAM DEVELOPERS OF CT
- MAP E18 BLOCK 117 LOT 001-1C
- PARCEL AREA = 4.783 ACRES
- PAD ZONE - MASTER PLAN APPROVED IN 2014
- PARKING REQUIREMENTS:
DAY CARE FACILITY 1 SPACE PER 400 SQ. FT.
PROPOSED BUILDING 15,040 SQ. FT./500*1.0 = 30 SPACES
REQUIRED PARKING = 30 SPACES
PARKING SHOWN = 50 TOTAL SPACES
36 SPACES INCLUDING 2 HANDICAP SPACES
14 RESERVE SPACES

- CONTRACTOR MUST VERIFY EXISTING SITE TOPOGRAPHY AND UTILITIES BEFORE BEGINNING CONSTRUCTION. CONTRACTOR MUST NOTIFY DESIGN ENGINEER OF ANY DIFFERENCES BETWEEN EXISTING AND PROPOSED CONDITIONS. THIS SHALL BE DONE AT LEAST 48 HOURS PRIOR TO EXCAVATION NEAR PUBLIC UTILITIES.
- TOPOGRAPHY FROM FIELD TOPOGRAPHY BE DENNO LAND SURVEYING
- PRIOR TO THE START OF ANY CONSTRUCTION, THE DEVELOPER'S CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE TOWN STAFF.
- ALL NEW CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE TOWN OF SIMSBURY STANDARDS AND CONNECTICUT DOT FORM #16.

- ANY ADDITIONAL SEDIMENT/EROSION CONTROL MEASURES DEEMED NECESSARY BY THE TOWN OF SIMSBURY SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION OF ANY SITE IMPROVEMENTS SHALL BE MAINTAINED BY THE DEVELOPER. IN ADDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE MAINTENANCE/REPAIR/REPLACEMENT OF ALL SEDIMENT/EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS HAVE BEEN RESTORED TO ORIGINAL OR BETTER CONDITION BY THE TOWN ENGINEER AND THE CONSERVATION COMMISSION, OR ITS DESIGNATED REPRESENTATIVE.
- LOAD AND SEED ALL DISTURBED AREAS WHICH ARE NOT PAVED, MULCHED, OR PLANTED PER THE SEDIMENTATION AND EROSION CONTROL DETAILS PLAN.
- THE DEVELOPER SHALL CLEAN ANY REMAINING DEBRIS, TRASH, RUBBISH AND DISCARDED MATERIALS FROM THE SITE AND DISPOSE OF SAME IN AN AREA AND BY METHODS APPROVED BY THE TOWN OF SIMSBURY AND THE STATE DEEP.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR THE CLEANING OF NEARBY STREETS AS ORDERED BY THE TOWN OR STATE, OF ANY DEBRIS FROM HIS CONSTRUCTION ACTIVITIES.
- THE USE, STORAGE OR DISPOSAL OF ANY MATERIAL NOT IN ACCORDANCE WITH THAT SHOWN ON THE APPROVED PLANS, OR REQUIRED BY ANY REGULATORY AGENCY, MAY RESULT IN THE IMMEDIATE REVOCATION OF ANY PERMIT OR APPROVAL GRANTED BY THE COMMISSION.

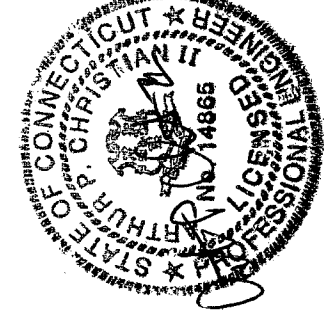
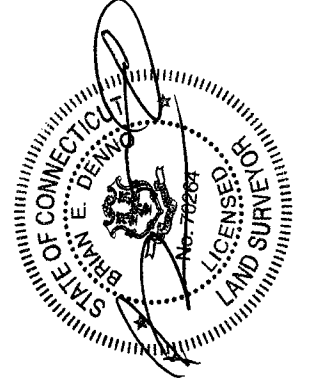
- THERE SHALL BE NO STOCKPILING OR DISPOSAL OF SURPLUS MATERIAL, WITHIN OR OUTSIDE THE REGULATED AREA, AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT. THE EXISTING SHOW ON THE PLANS. ANY EXCESS MATERIAL FROM THE PROPOSED CONSTRUCTION SHALL BE DEPOSITED IN AN OFF-SITE NON-REGULATED AREA AND THE APPLICANT SHALL PROVIDE CERTIFICATION OF ITS DEPOSITION AND QUANTITY. THE APPLICANT SHALL OBTAIN ALL NECESSARY PERMITS FOR THE DEPOSITION OF THIS MATERIAL.
- ANY PERMIT REQUIRED BY CONNECTICUT DEEP UNDER SECTION 22a-40b (STORM WATER ACTIVITY) SHALL BE OBTAINED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.



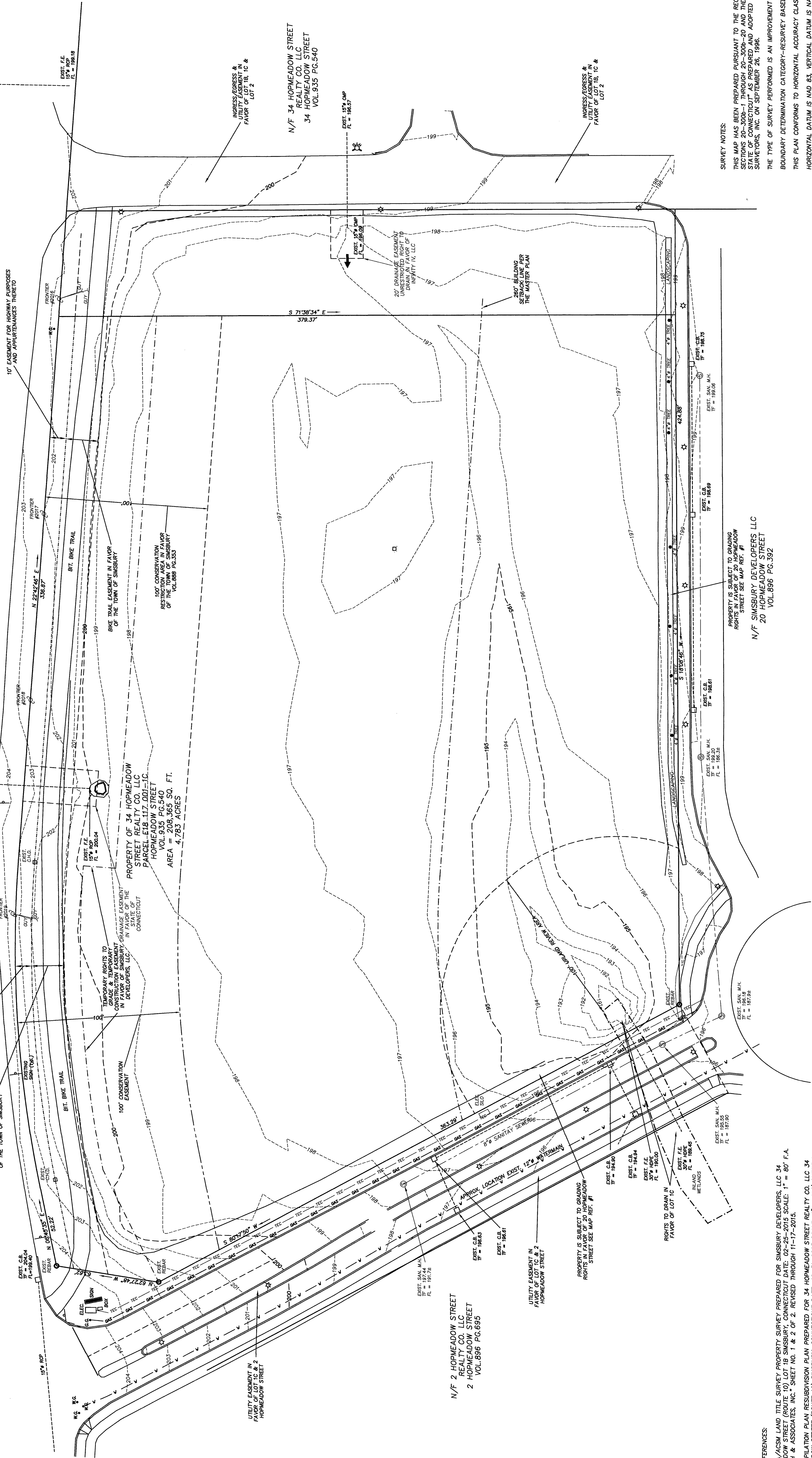
LEGEND	
EXISTING CONTOUR	EXISTING CATCH BASIN
EXISTING SPOT GRADE	PROPOSED STORM MANHOLE
PROPOSED CONTOUR	PROPOSED STORM DRAIN
PROPOSED SPOT GRADE	PROPOSED FLARED END
TOP OF FRAME ELEVATION	PROPOSED STORM PIPE
EXISTING CATCH BASIN	EXISTING UTILITY POLE
LIMIT OF EXISTING VEGETATION	TREE PROTECTION
LIMIT OF EXISTING VEGETATION TO REMAIN	INLET PROTECTION (RIP RAP)
OUTLET PROTECTION SCOUR HOLE (PLUNGE POOL)	TELEPHONE, ELECTRIC & CABLE
SILT FENCE	EXIST. LIGHT
CONSTRUCTION ENTRANCE PAD	PROPOSED LIGHT
CATCH BASIN SILT SACK	

DRAWING INDEX

SHEET	TITLE
SHEET 1 OF 11	TITLE SHEET
SHEET 2 OF 11	EXISTING CONDITIONS PLAN
SHEET 3 OF 11	LAYOUT PLAN
SHEET 4 OF 11	GRADING & EROSION CONTROL PLAN
SHEET 5 OF 11	UTILITY PLAN
SHEET 6 OF 11	LANDSCAPING PLAN
SHEET 7 OF 11	CONSTRUCTION DETAILS 1
SHEET 8 OF 11	CONSTRUCTION DETAILS 2
SHEET 9 OF 11	CONSTRUCTION DETAILS 3
SHEET 10 OF 11	CONSTRUCTION DETAILS 4
SHEET 11 OF 11	SEDIMENTATION & EROSION CONTROL DETAILS



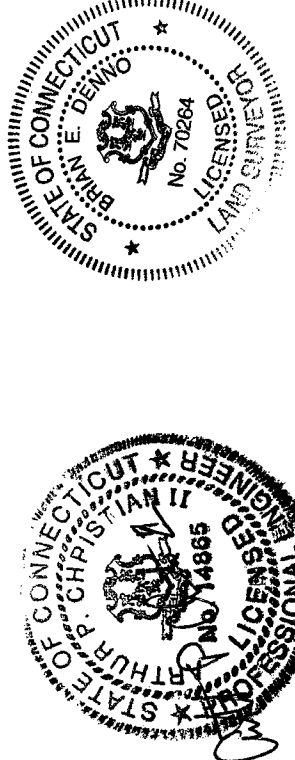
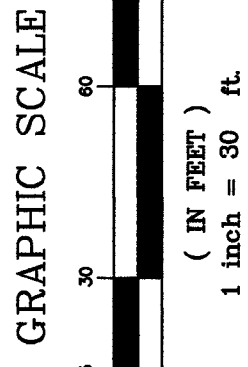
HOPMEADOW STREET - RTE 10/202



SURVEY NOTES:
 THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS PREPARED AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
 THE TYPE OF SURVEY PERFORMED IS AN IMPROVEMENT LOCATION SURVEY.
 BOUNDARY DETERMINATION CATEGORY-RESURVEY BASED ON A DEPENDENT RESURVEY.
 THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2.
 HORIZONTAL DATUM IS NAD 83. VERTICAL DATUM IS NAVD 88.
 PROPERTY IS LOCATED IN THE PAD ZONE.

MAP REFERENCES:
 1. "ALTA/ACSM LAND TITLE SURVEY PROPERTY PREPARED FOR SIMSURY DEVELOPERS, LLC 34 HOPMEADOW STREET (ROUTE 10) LOT 1B SIMSURY, CONNECTICUT DATE: 02-25-2015 SCALE: 1" = 80' F.A. HESKETH & ASSOCIATES, INC. SHEET NO. 1 & 2 OF 2. REVISED THROUGH 11-17-2015.
 2. "COMPLIATION PLAN RESUBDIVISION PLAN PREPARED FOR 34 HOPMEADOW STREET REALTY CO. LLC 34 HOPMEADOW STREET (ROUTE 10) SIMSURY, CONNECTICUT DATE: 10-31-2023 SCALE: 1" = 100' SHEET 1 OF 1 F.A. HESKETH & ASSOCIATES, INC."
 3. "GARDEN HOMES PAD ZONE CHANGE APPLICATION FINAL FILING SITE PLAN HOPMEADOW STREET - ROUTE 10 SIMSURY, CONNECTICUT SCALE: HORIZ: 1" = 100' 12/9/2014".

UTILITY STATEMENT
 UNDERGROUND UTILITY STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO THIS SURVEYOR. VERIFIED BY THE APPROPRIATE UTILITY AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-422-4455.



REVISIONS:
 4/01/24 - PER TOWN STAFF & COMMISSIONS
 4/10/24 - PER TOWN STAFF

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

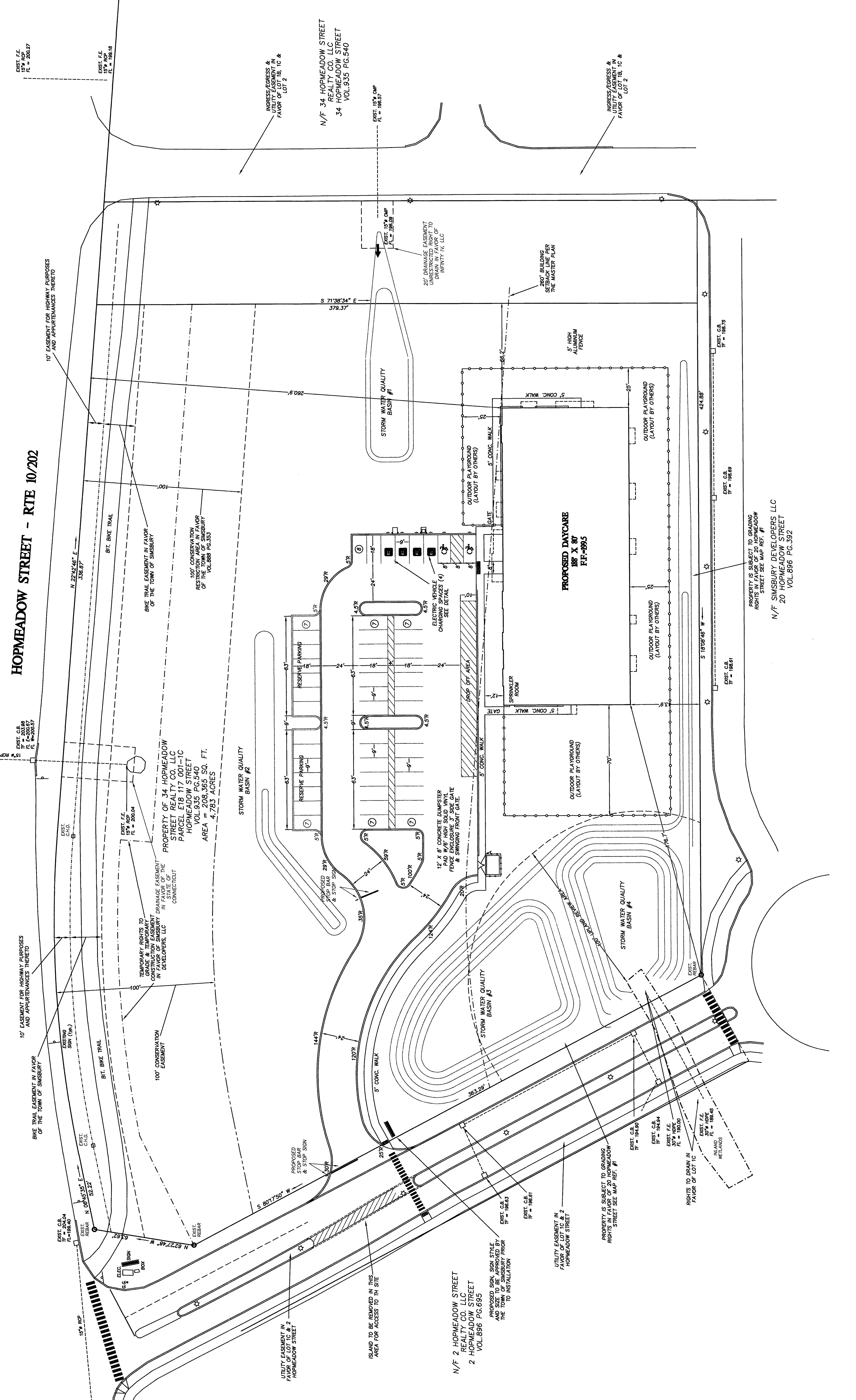
NOT VALID UNLESS LIVE SIGNATURE AND EMBOSSED SEAL IS AFFIXED
 DENWEO LAND SURVEYING & CONSULTING, LLC
 2 TUNNIS RD. STE. 214 TARIFFVILLE, CT 06081

EXISTING CONDITIONS PLAN
SITE PLAN
 PREPARED FOR

CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSURY, CONNECTICUT

SCALE: 1" = 30'
 DATE: 3/8/24
 SHEET NO. 2 OF 9

HOPMEADOW STREET - RTE 10/202



LAYOUT PLAN

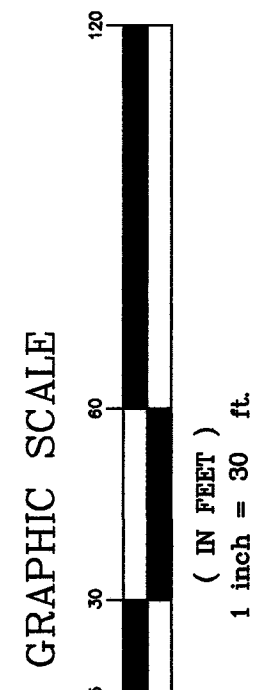
SITE PLAN
 PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: 1"=30'
 DATE: 3/8/24
 SHEET NO. 3 OF 9

REVISIONS:
 4/10/24 - PER TOWN STAFF & COMMISSIONERS OF CONNECTICUT DEPT. OF CONSTRUCTION
 4/10/24 - PER TOWN STAFF

TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

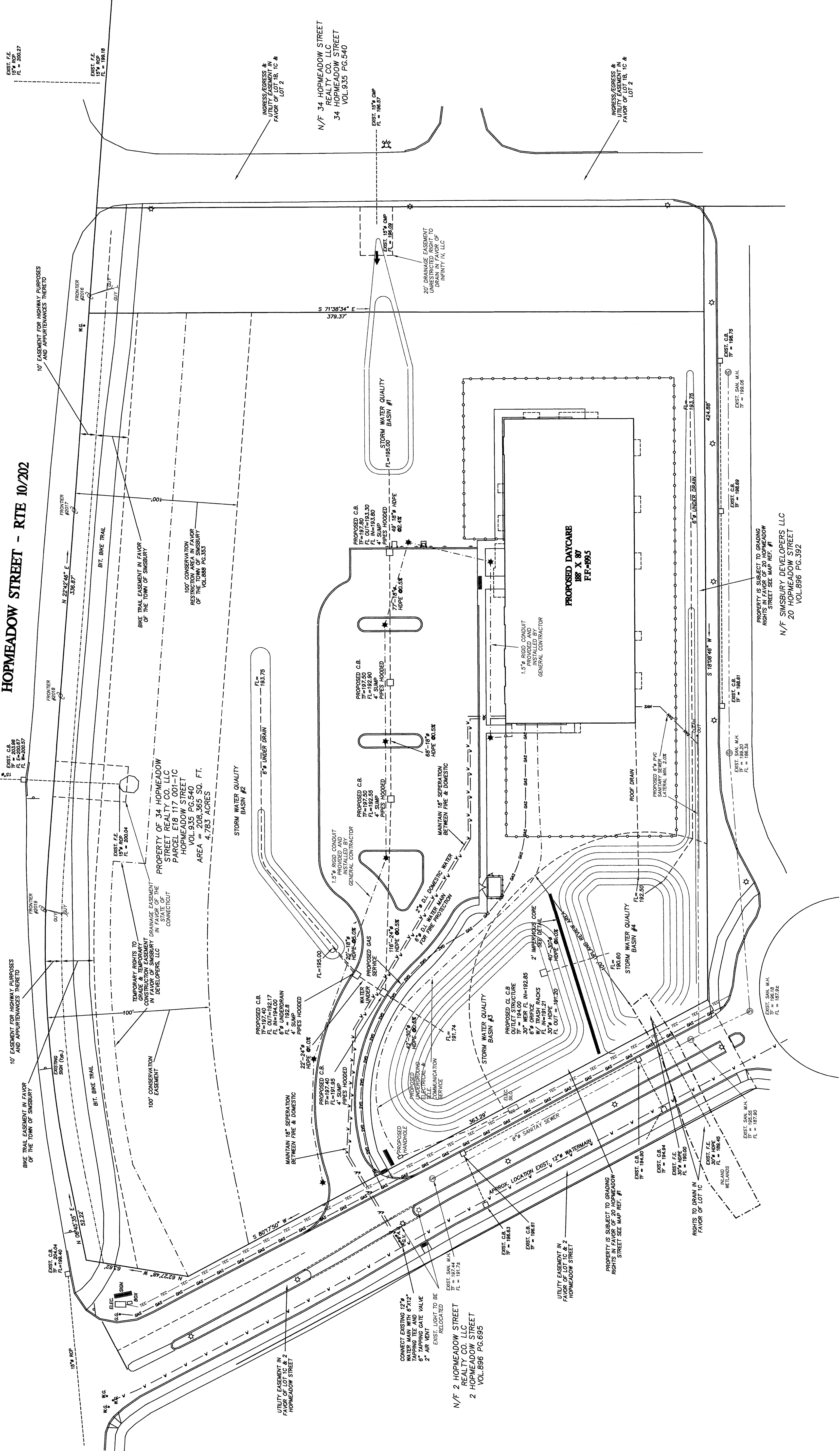
NOT VALID UNLESS LIVE SIGNATURE AND EMBOSSED SEAL IS AFFIXED
 DENVO LAND SURVEYING & CONSULTING, LLC
 2, TUNNIS RD. STE. 214, TARIFFVILLE, CT 06081



UTILITY STATEMENT

UNDEVELOPED UTILITY STRUCTURES AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED IN PART FROM RECORD MAPPING SUPPLIED BY THE RESPONDENT AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE VERIFIED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH UTILITY STRUCTURES AND FACILITIES MAY BE PRESENT. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-492-4455.

HOPMEADOW STREET - RTE 10/202



UTILITY PLAN

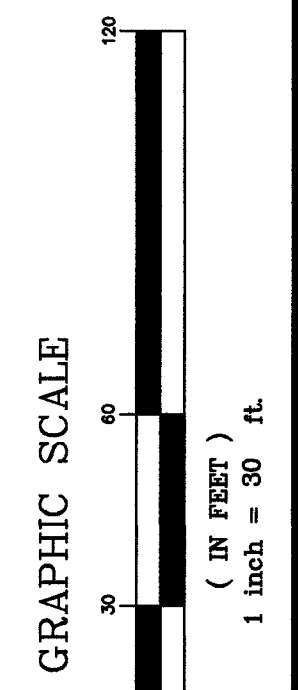
SITE PLAN
 PREPARED FOR
CHILDREAR CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: 1" = 30'
 DATE: 3/8/24
 SHEET NO. 5 OF 9

REVISIONS:
 4/01/24 - PER TOWN STAFF
 4/10/24 - PER TOWN STAFF

TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AND ACCURATE.

IND. VALID UNLESS LIVE SIGNATURE AND EMBOSSED SEAL IS AFFIXED
 DENNO LAND SURVEYING & CONSULTING, LLC
 2 TUNNIS RD. STE. 214 TARIFFVILLE, CT 06081

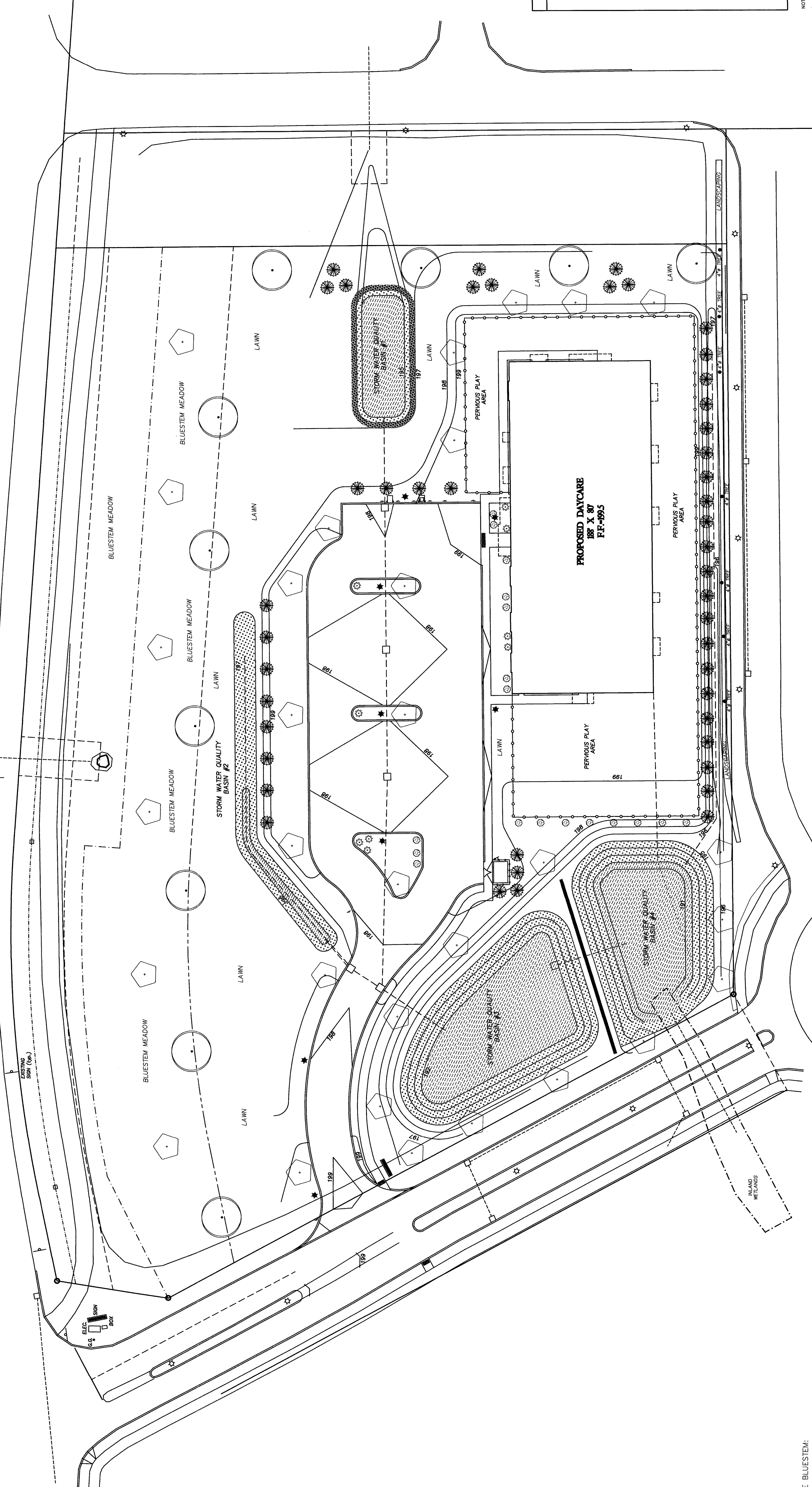


UTILITY STATEMENT

UNDERGROUND UTILITY STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN OBTAINED FROM RECORD MAPS, RECORD DRAWINGS, FIELD SURVEYING, AND OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE. THE EXISTENCE OF WHICH ARE UNKNOWN TO THIS SURVEYOR. VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.

CALL BEFORE YOU DIG 1-800-822-4455.

HOPMEADOW STREET - RTE 10/202



STORM WATER QUALITY BASIN #1

LOCATION	DESCRIPTION	QUANTITY	SPACING
[Pattern]	MOSS PHLOX	64	12-2 IN.
[Pattern]	EASTERN REDBUD	6	20-30 FT.
[Pattern]	WILD BLUE PHLOX	160	12 IN.
[Pattern]	SPOTTED JOE PYE WEED	10	4-5 FT.
[Pattern]	HARLEQUIN BLUEFLAG	14	2-3 FT.
[Pattern]	TUSSOCK SEDGE	24	1-3 FT.
[Pattern]	MARSH MERIGOLD	24	12 IN.

STORM WATER QUALITY BASIN #2

LOCATION	DESCRIPTION	QUANTITY	SPACING
[Pattern]	PATH RUSH	94	4-5 FT.
[Pattern]	CARDINAL FLOWER	73	18-24 IN.
[Pattern]	NEW JERSEY TEA	42	12 IN.
[Pattern]	BUTTERFLY WEED	24	18-24 IN.
[Pattern]	SPOTTED JOE PYE WEED	18	4-5 FT.
[Pattern]	HARLEQUIN BLUEFLAG	18	2-3 FT.
[Pattern]	TUSSOCK SEDGE	20	1-3 FT.
[Pattern]	MARSH MERIGOLD	22	12 IN.
[Pattern]	SWAMP VERBENA	14	12-24 IN.

STORM WATER QUALITY BASIN #3

LOCATION	DESCRIPTION	QUANTITY	SPACING
[Pattern]	CARDINAL FLOWER	50	18-24 IN.
[Pattern]	NEW JERSEY TEA	100	4-5 FT.
[Pattern]	SPOTTED JOE PYE WEED	28	4-5 FT.
[Pattern]	HARLEQUIN BLUEFLAG	24	2-3 FT.
[Pattern]	TUSSOCK SEDGE	22	1-3 FT.
[Pattern]	MARSH MERIGOLD	75	12 IN.
[Pattern]	SWAMP VERBENA	14	12-24 IN.

SITE PLANTING PLAN

SYMBOL	DESCRIPTION	INSTALLED SIZE	QUANTITY
[Symbol]	DECIDUOUS TREES: CRIMSON KING MAPLE RED SUNSET MAPLE	2.5" cal	10
[Symbol]	FLOWERING TREES: DOGWOOD, SHADBLOW, REDBUD, HAWTHORN, MAGNOLIA	1.5-2" cal	29
[Symbol]	EVERGREEN TREES: SPRUCE, FUR, RED CEDAR	4-6" ht	46
[Symbol]	RED CHOKEBERRY AMERICAN FILBERT	24-36"	18
[Symbol]	MOUNTAIN LAUREL CATANEA RHODODENDRON	24"	10

NOTES:
 1. ALL PLANT MATERIALS TO BE NURSERY GROWN STOCK SUBJECT TO LATEST AIN STANDARDS.
 2. SPECIFIC PLANTS SHALL BE EXCEPTIONALLY HEAVY, WELL-SHAPED PLANTS AND ARE INDICATED AS "SPECIMEN".
 3. COORDINATE FINAL LOCATIONS OF TREES IN FIELD WITH TOWN STAFF.

STORM WATER QUALITY BASIN #4

LOCATION	DESCRIPTION	QUANTITY	SPACING
[Pattern]	CARDINAL FLOWER	72	18-24 IN.
[Pattern]	NEW JERSEY TEA	36	4-5 FT.
[Pattern]	SPOTTED JOE PYE WEED	42	4-5 FT.
[Pattern]	HARLEQUIN BLUEFLAG	25	2-3 FT.
[Pattern]	TUSSOCK SEDGE	32	1-3 FT.
[Pattern]	MARSH MERIGOLD	40	12 IN.
[Pattern]	SWAMP VERBENA	30	12-24 IN.

LITTLE BLUESTEM:
 Little Bluestem is a highly ornamental native grass prized for its blue-green leaf color and upright form. The foliage provides excellent color all season-long and creates the perfect backdrop for prairie flowers. Densely mounded, Little Bluestem reaches a height of 3 feet by autumn, when it turns a striking reddish-bronze, bearing illuminated tufted seeds. The rigid clumps can withstand snow and rain, allowing the reddish grass stems to remain upright for most of the winter.
 This prairie grass excels in dry sandy soils and combines well with all prairie flowers. It is fairly adaptable, but not recommended for damp sites or heavy clay soils. Little Bluestem is a host plant for numerous skipper butterflies including the Cobweb Skipper, Dusted Skipper, Ottoo Skipper, Delaware Skipper, Crossline Skipper and Swarty Skipper.
 Seeding Rates for a Solid Stand of Little Bluestem
 5 Oz. per 1000 square feet
 12 Lb. per acre

UTILITY STATEMENT
 UNDERGROUND UTILITY STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH UTILITIES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
 CALL BEFORE YOU DIG 1-800-422-4466.

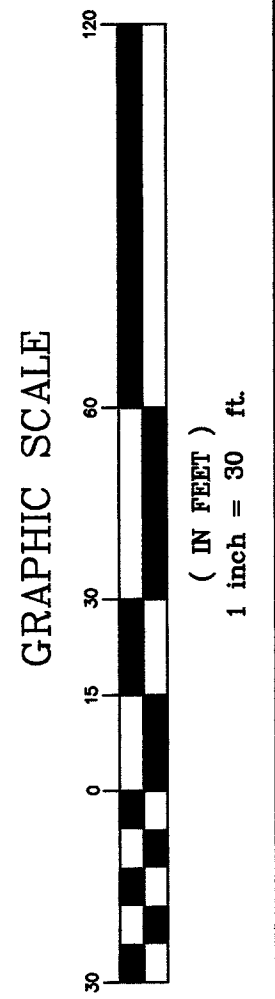
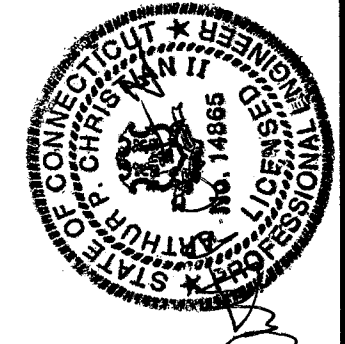
REVISIONS:
 4/01/24 - PER TOWN STAFF & COMMISSIONS
 4/10/24 - PER TOWN STAFF

TO MY KNOWLEDGE AND BELIEF THIS PLAN SUBSTANTIALLY CORRECT AS SHOWN.

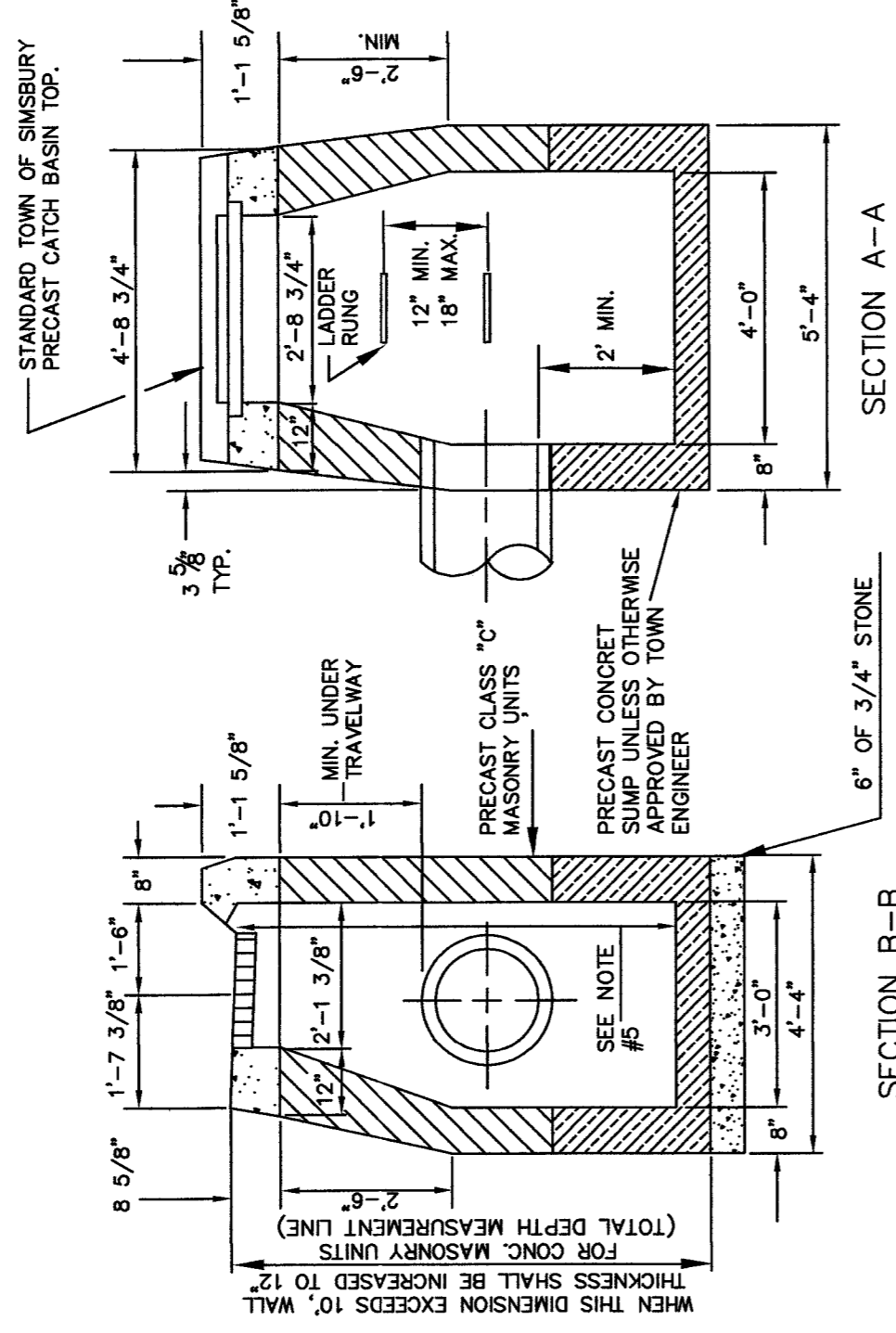
NOT VALID UNLESS LIVE SIGNATURE AND EMBOSSED SEAL IS AFFIXED
 DENWNO LAND SURVEYING & CONSULTING, LLC
 2 TUNNIS RD. STE. 214 TARIFFVILLE, CT 06081

LANDSCAPING PLAN
SITE PLAN
 PREPARED FOR
CHILDRENS CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

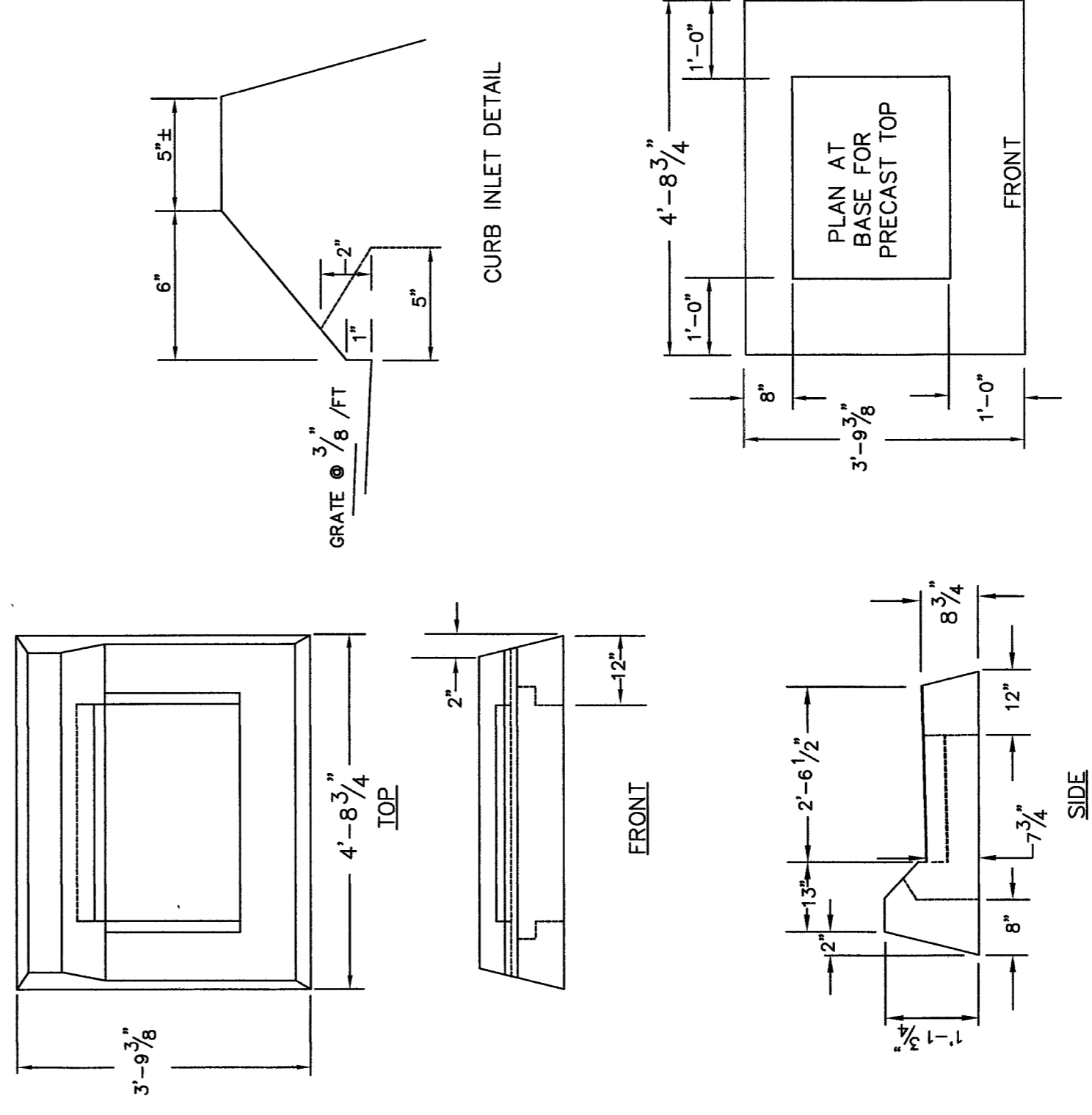
DATE: 3/8/24
 SCALE: 1" = 30'
 SHEET NO. 6 OF 9



- NOTES:
1. END OF PIPE SHALL EXTEND TO AND INSIDE FACE BE CUT FLUSH WITH OF CATCH BASIN WALL
 2. RED BRICK IS NOT TO BE USED.
 3. WHERE CONCRETE MASONRY UNITS ARE USED, CORRELLING WILL BE ALLOWED AT A MAXIMUM ON LAST 3 COURSES, TURN OF 1" PER BLOCK TOP COURSE FRONT AND SIDE ONLY.
 4. ALL EXTERIOR WALLS OF CATCH BASIN WILL BE FACED, PARGE, AND GROUTED WITH GEMENT.
 5. LADDER RINGS SHALL BE PROVIDED IN CATCH BASIN WHEN TOTAL DEPTH OF STRUCTURE EXCEEDS 8'.
 6. ANY OVER EXCAVATION SHALL BE REPLACED WITH PROCESS AGGREGATE OR 3/4" STONE
 7. WRAP STRUCTURE WITH MIRAFI FABRIC OR EQUIV.
 8. ALL PRECAST CONCRETE PRODUCTS MUST HAVE THE CASTING DATE CLEARLY LABELED ON EACH PRODUCT. NO PRECAST CONCRETE PRODUCT SHALL BE DELIVERED TO THE SITE UNLESS THE CASTING DATE IS GREATER THAN THE CASTING DATE.

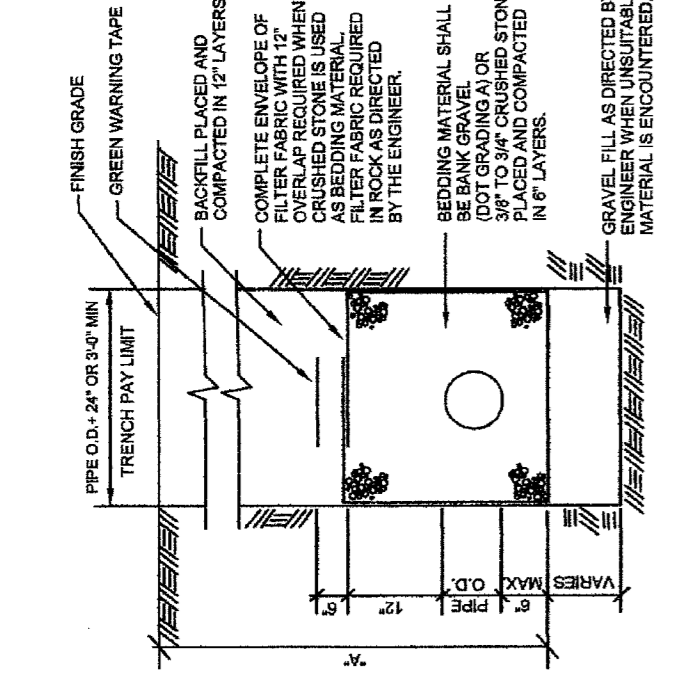


'C' TYPE CATCH BASIN

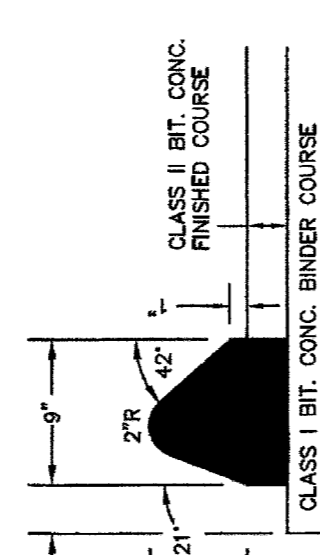


- NOTES
- 1) ALL DIMENSIONS SHOWN ARE FOR GENERAL INFORMATION ONLY. CONTRACTOR TO SUBMIT MANUFACTURER'S SHOP DRAWINGS OF SPECIFIC PRODUCT, FOR APPROVAL BY THE ENGINEER.
 - 2) A 3'-0 3/4" x 1'-7 7/8" GALVANIZED, BICYCLE SAFE GRATE SHALL BE USED

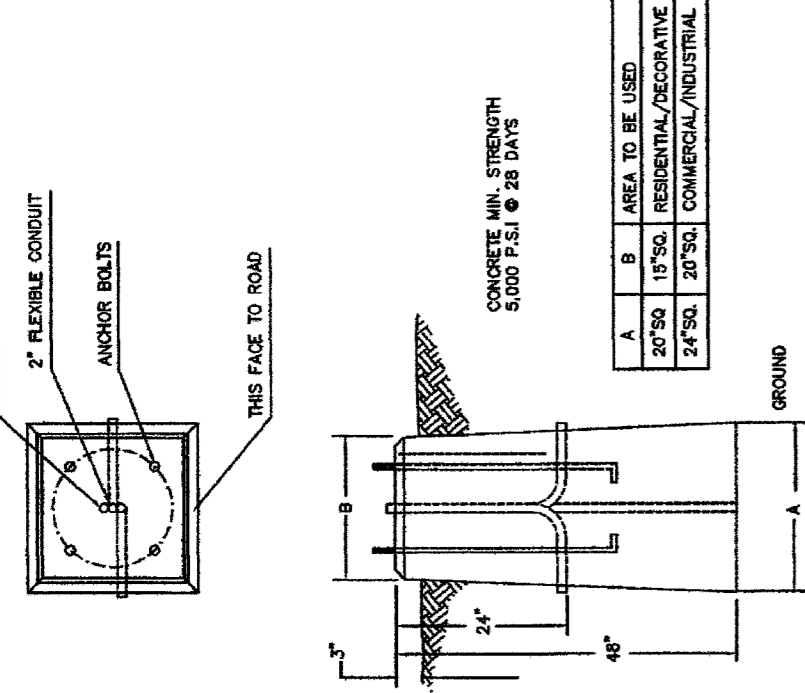
'C' TYPE CATCH BASIN TOP



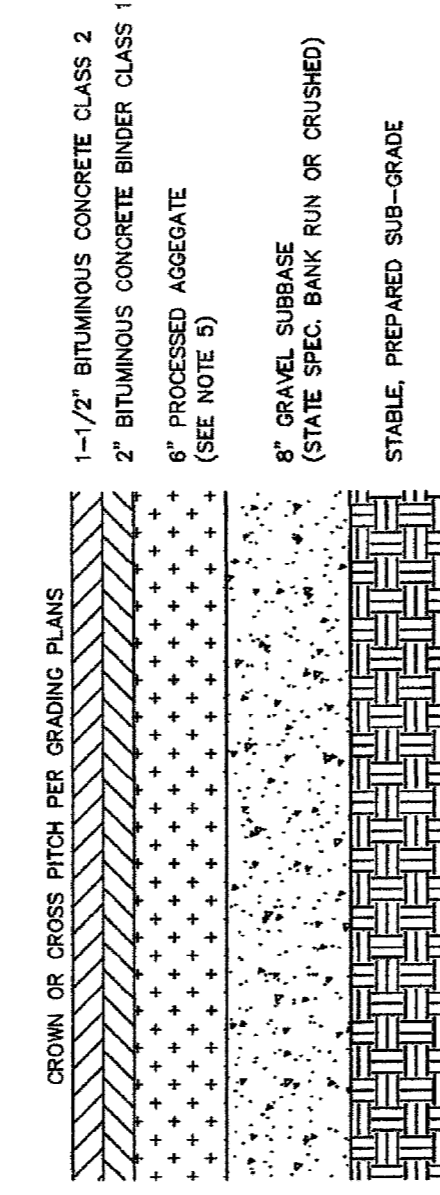
SANITARY SEWER TRENCH



BITUMINOUS CONCRETE LIP CURBING



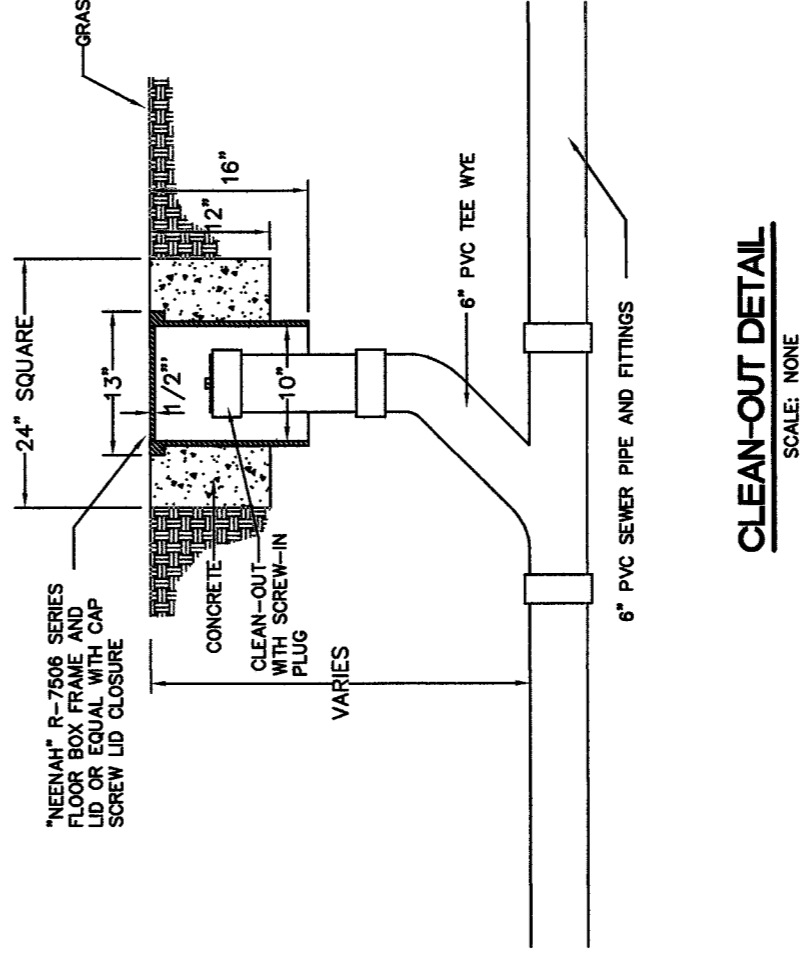
PRECAST CONCRETE LIGHT STANDARD BASE



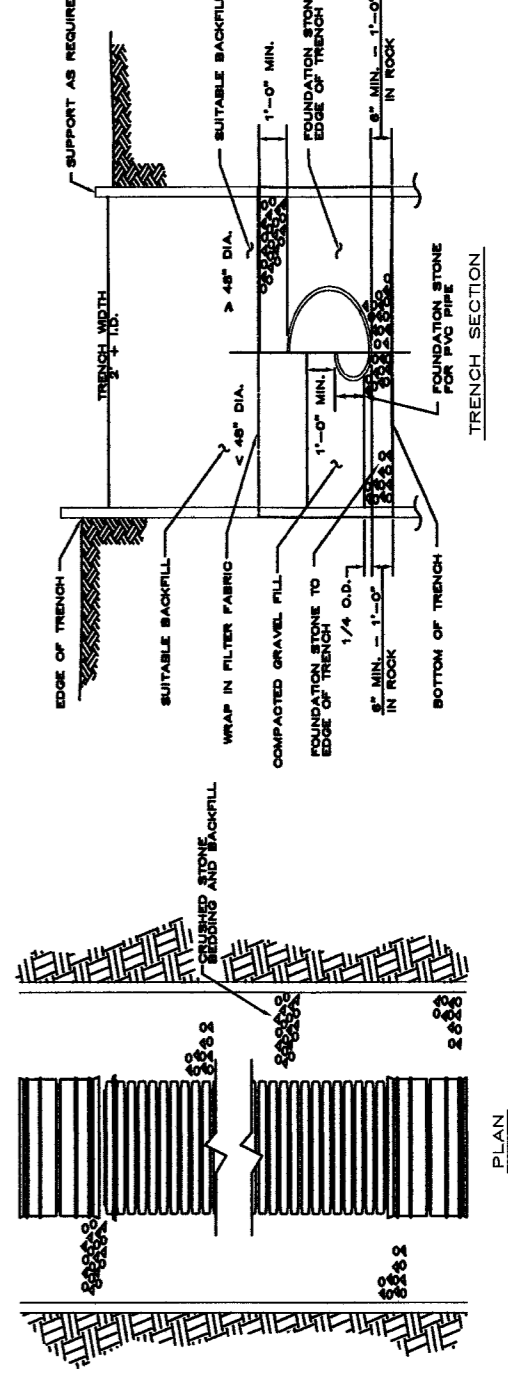
BITUMINOUS PAVEMENT SECTION

- NOTES:
1. SEE TOWN OF SIMSBURY DESIGN STANDARDS AND DETAIL SHEET FOR GUIDE RAIL REQUIREMENTS.
 2. ALL MATERIAL THICKNESSES ARE FOR COMPACTED DEPTHS.
 3. IF BINDER COURSE IS LEFT AS A TOP COURSE FOR AN EXTENDED PERIOD, THE TOWN ENGINEER MAY REQUIRE THE TOP COURSE OF BITUMINOUS MATERIAL BE APPLIED BEFORE LAYING THE BITUMINOUS CONCRETE SURFACE COAT.
 4. SUBBASE IN ROCK CUTS TO BE INCREASED TO 18".
 5. COARSE AGGREGATE SHALL BE BROKEN.
 6. IF THE PROPOSED COMPACTED SURGRADE IS DEEMED UNSUITABLE BY TOWN ENGINEERING STAFF, IT SHALL BE REPLACED WITH A 1/2" OF BANK RUN GRAVEL SUBBASE.

BITUMINOUS PAVEMENT SECTION



CLEAN-OUT DETAIL



UNDERDRAIN DETAIL

Site & Area EcoForm
ECF-5 small area light

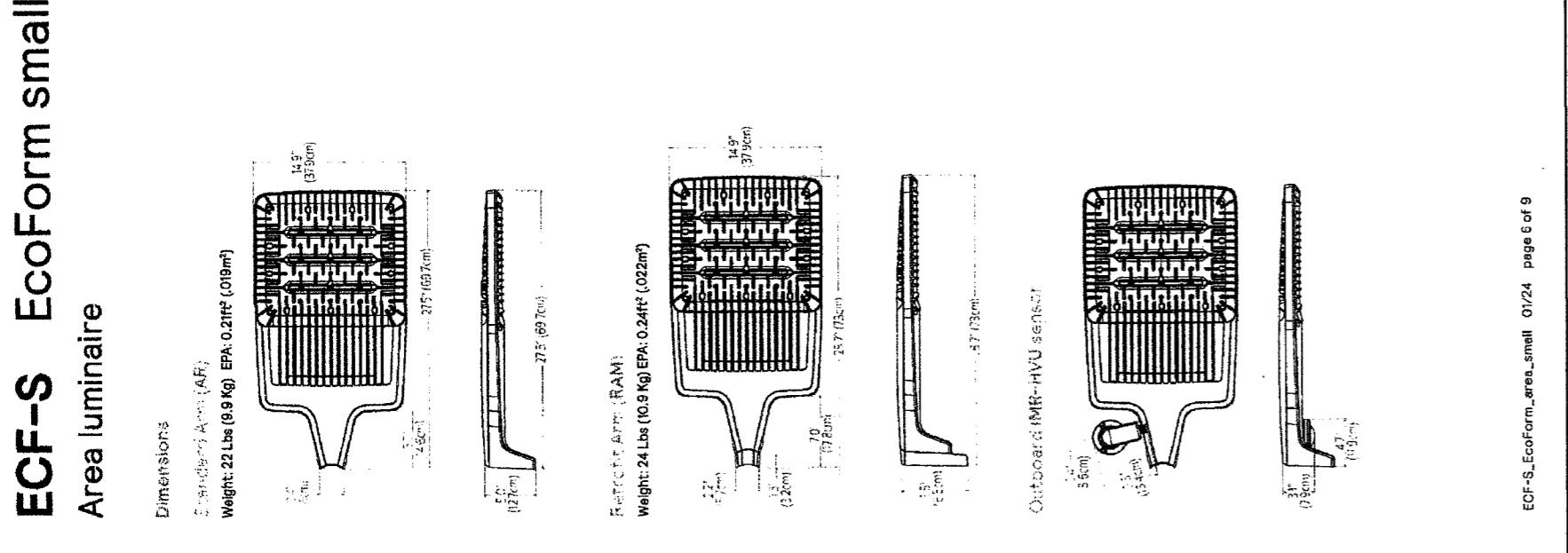
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

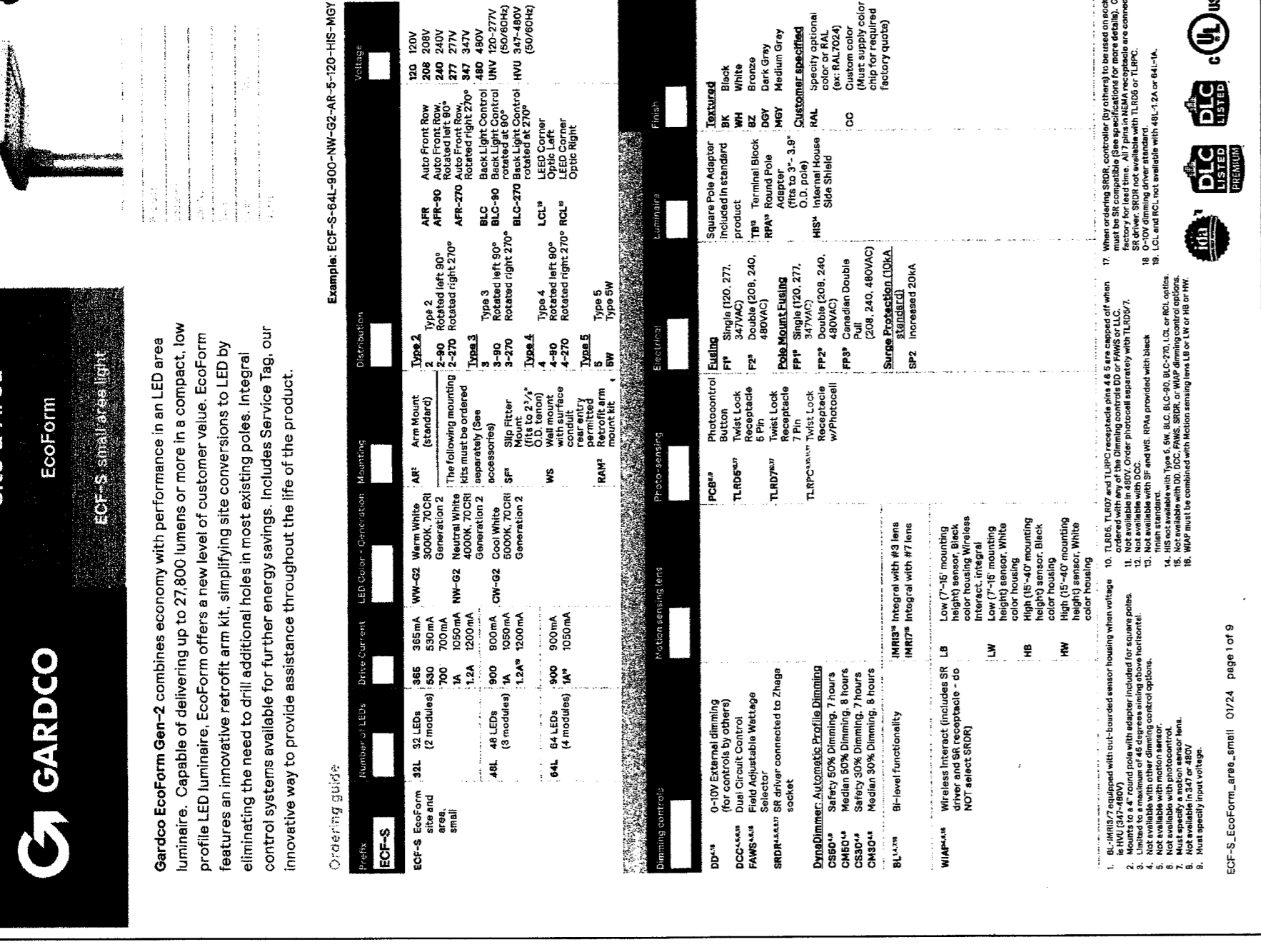
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

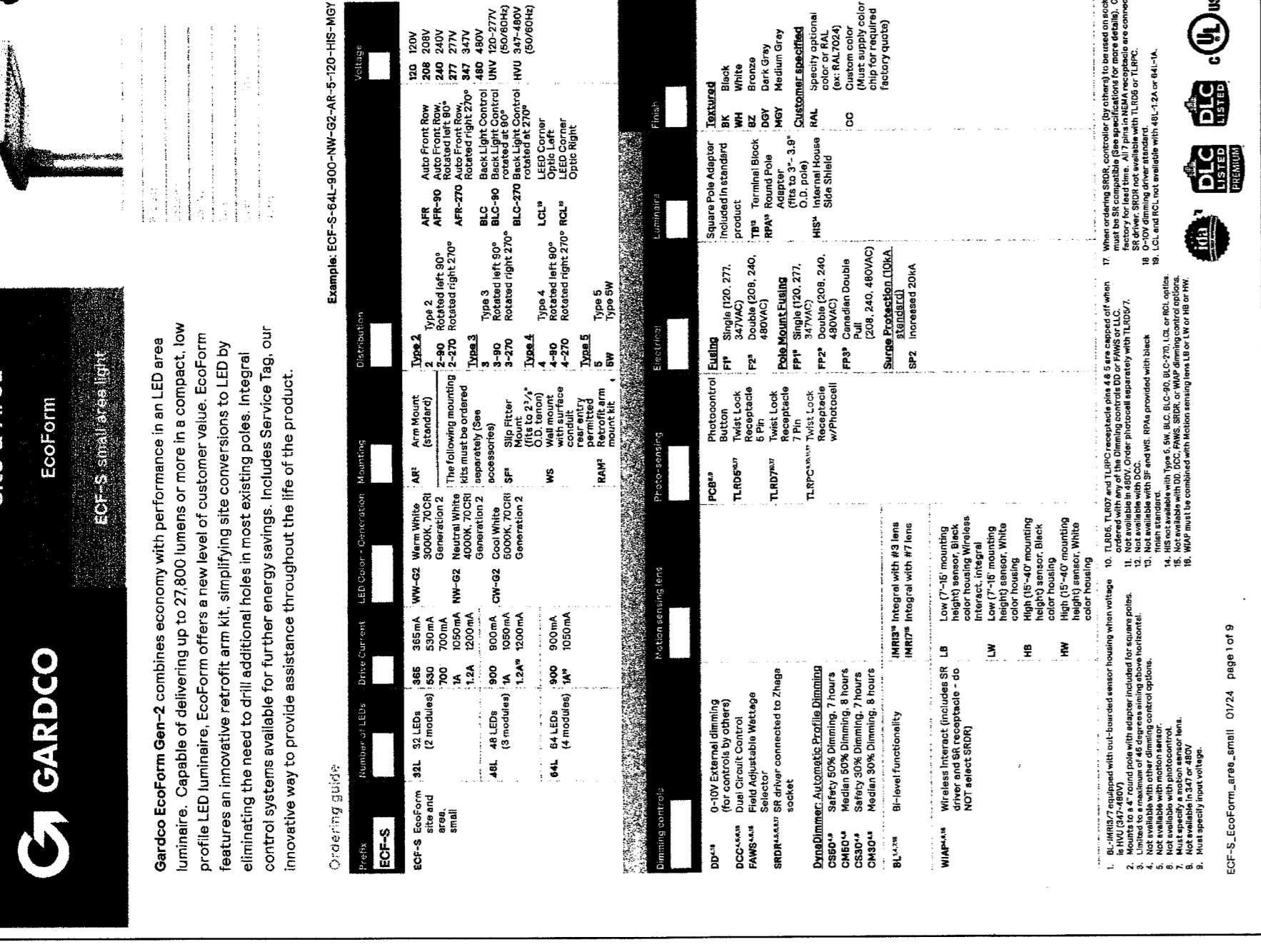
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

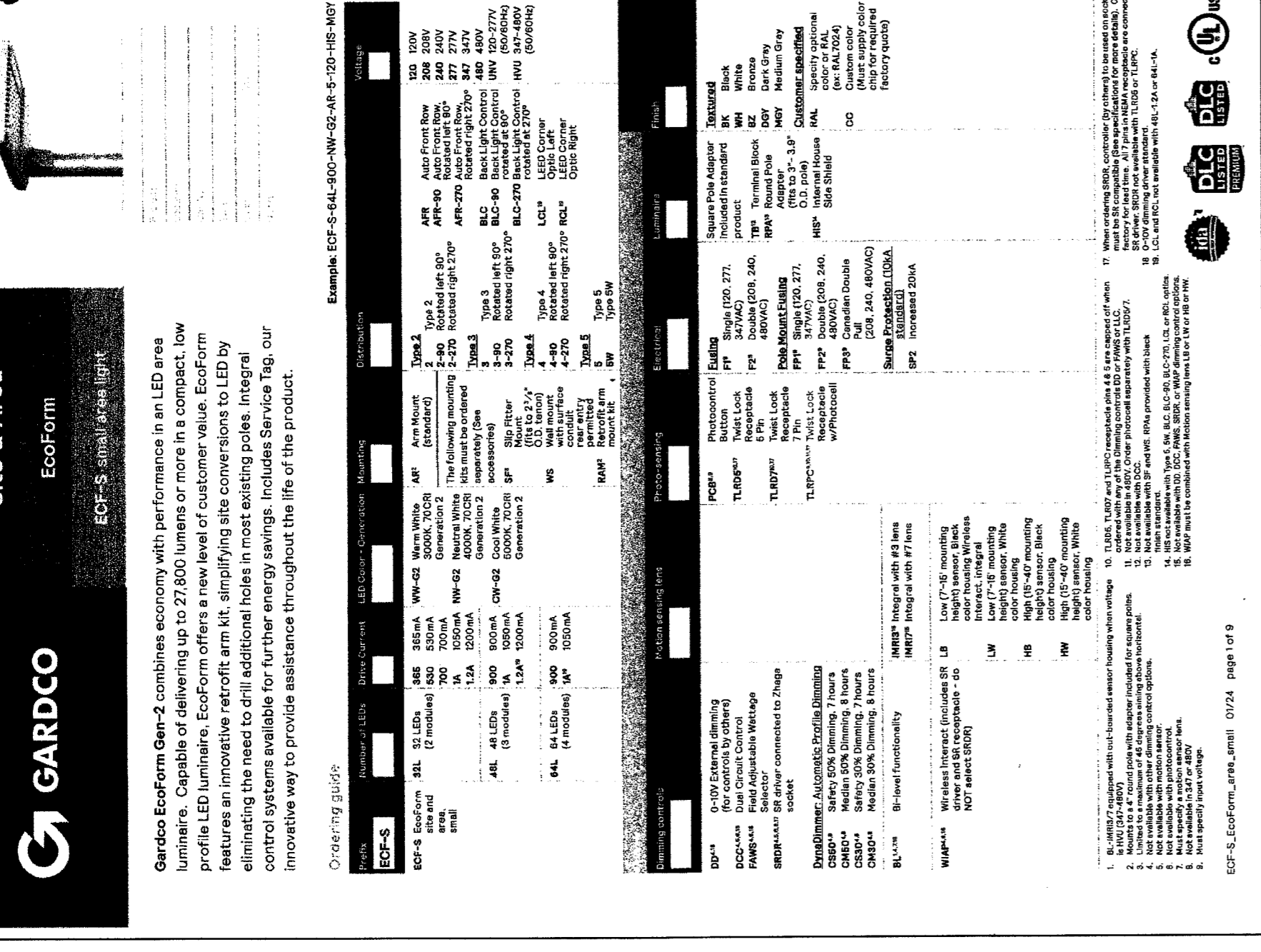
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

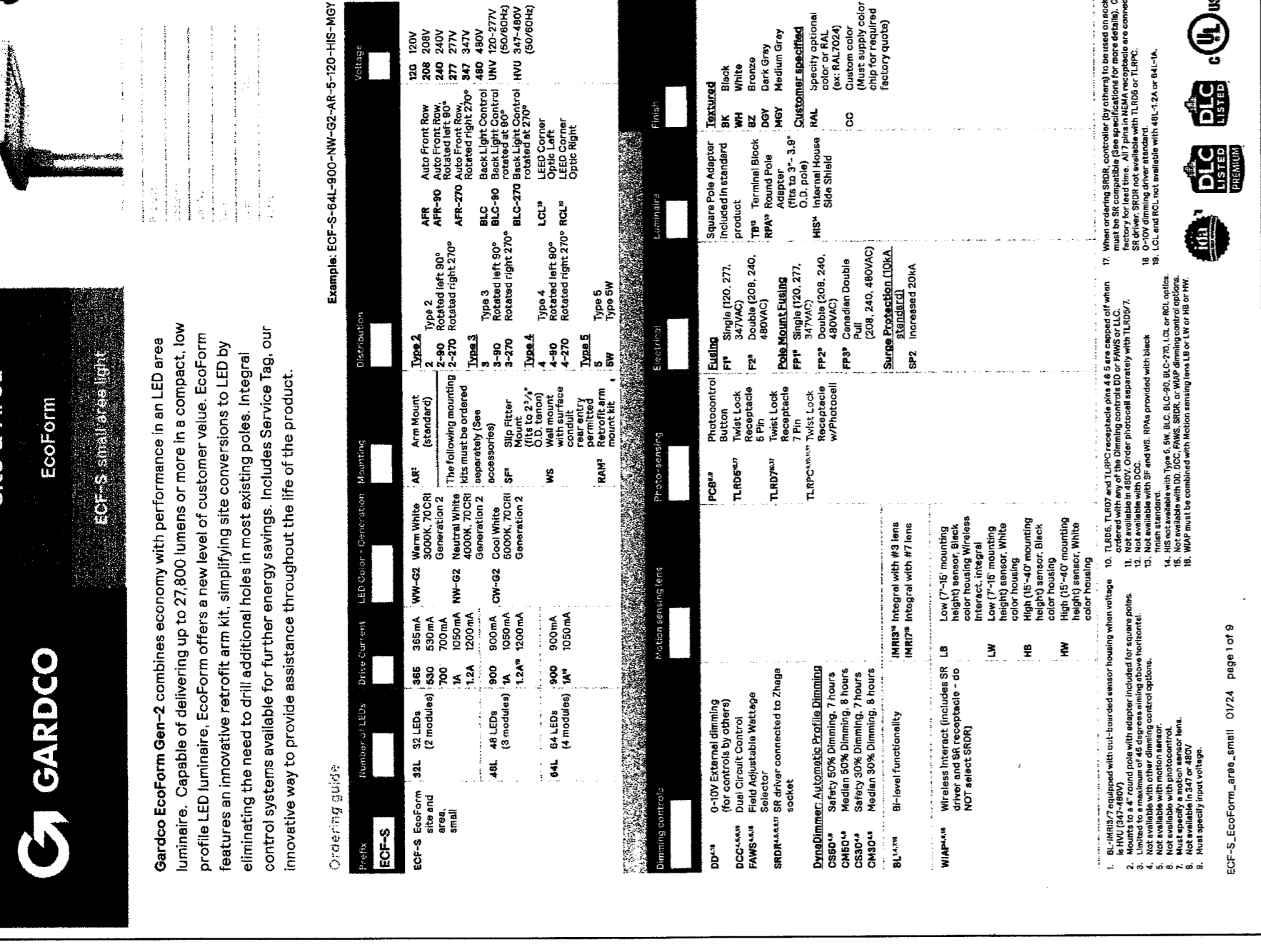
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

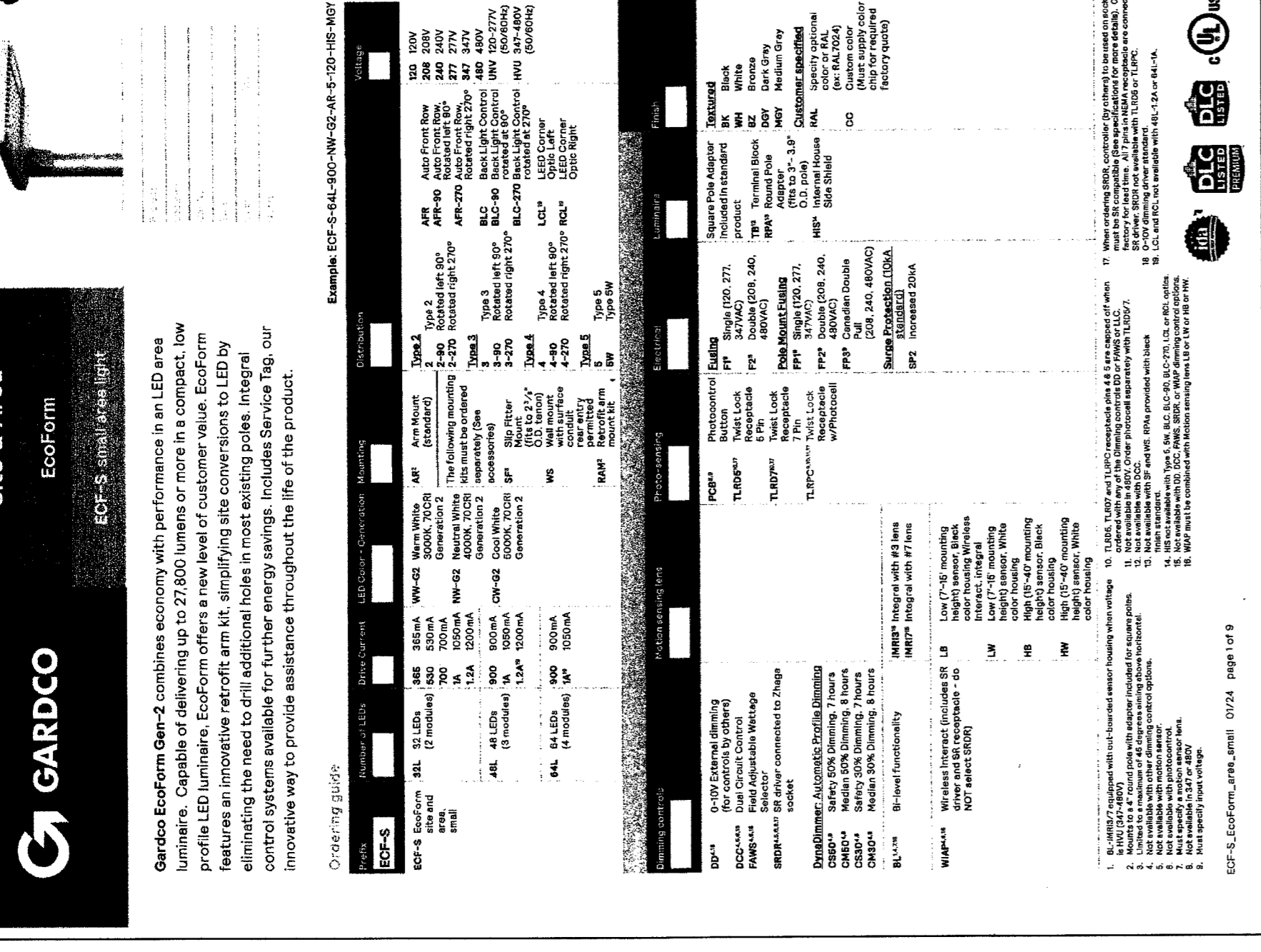
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

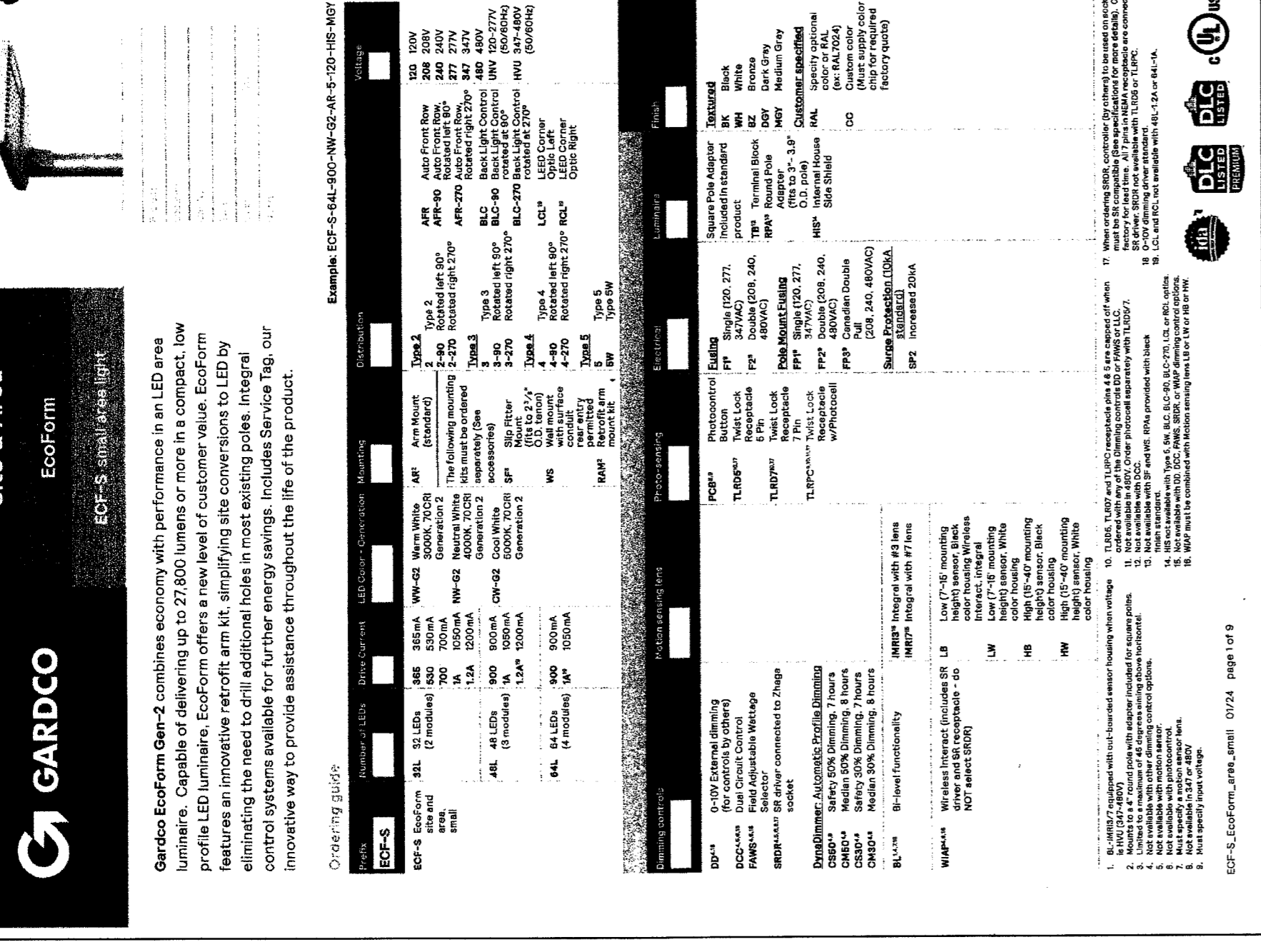
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

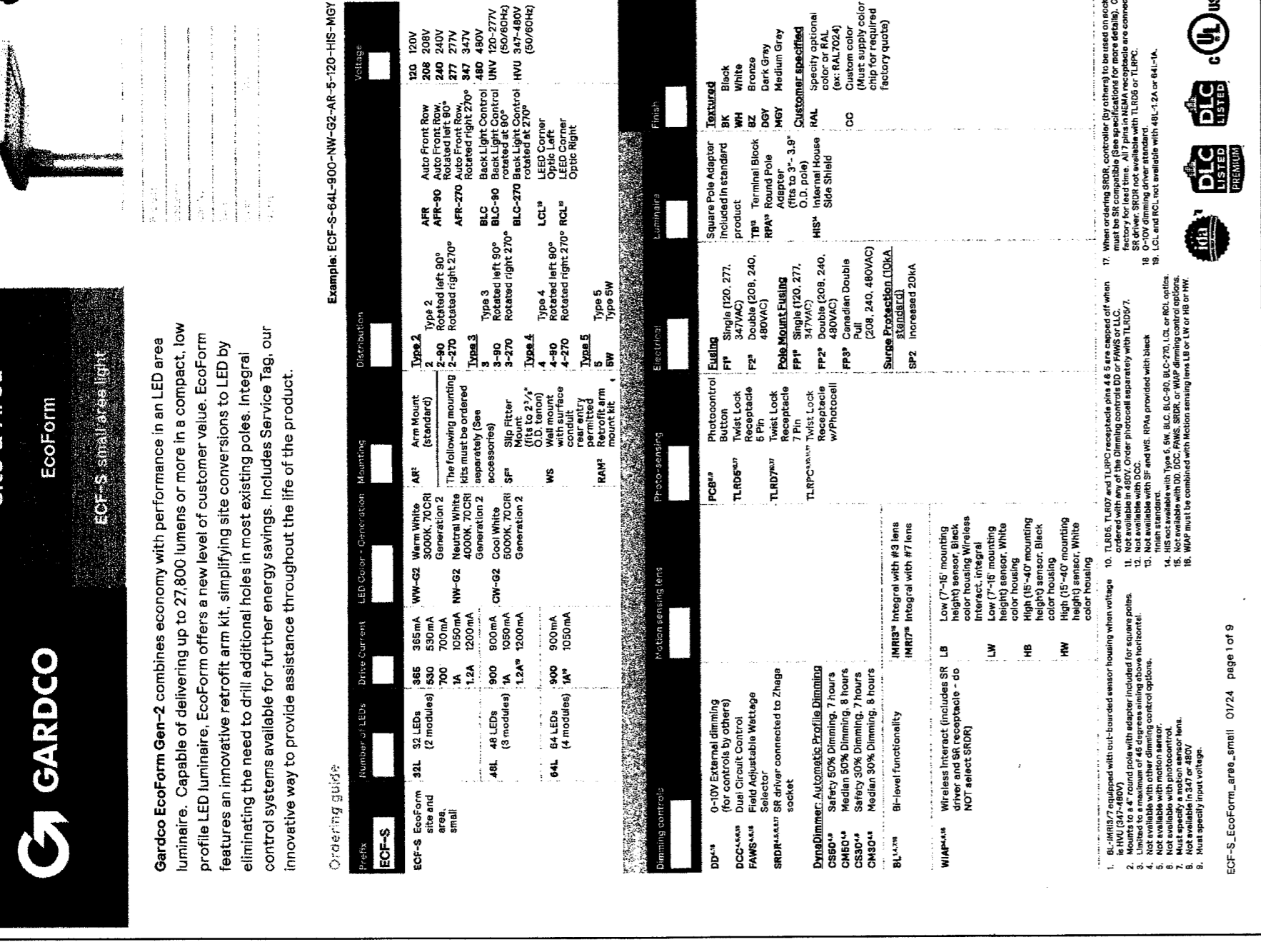
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

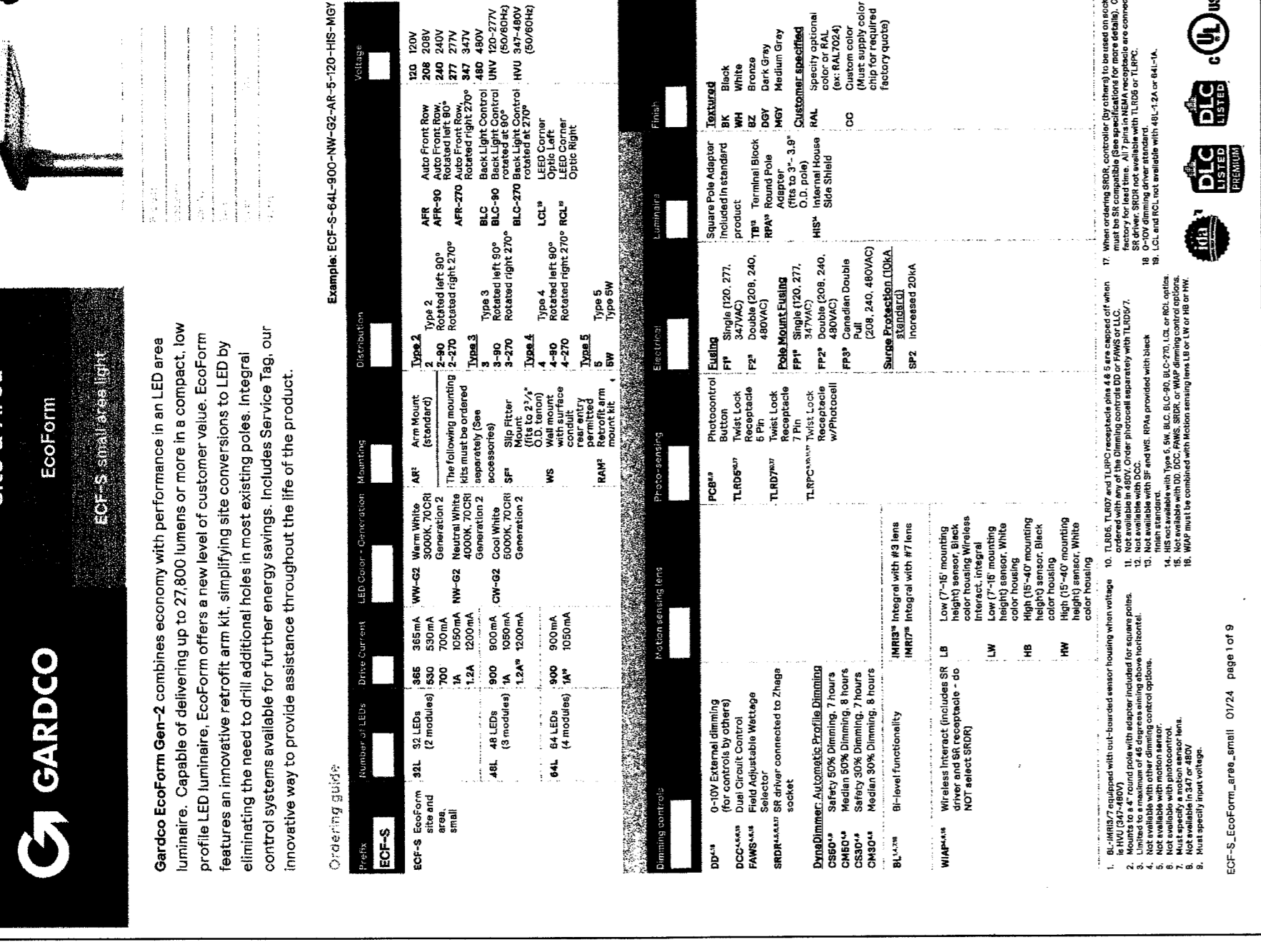
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

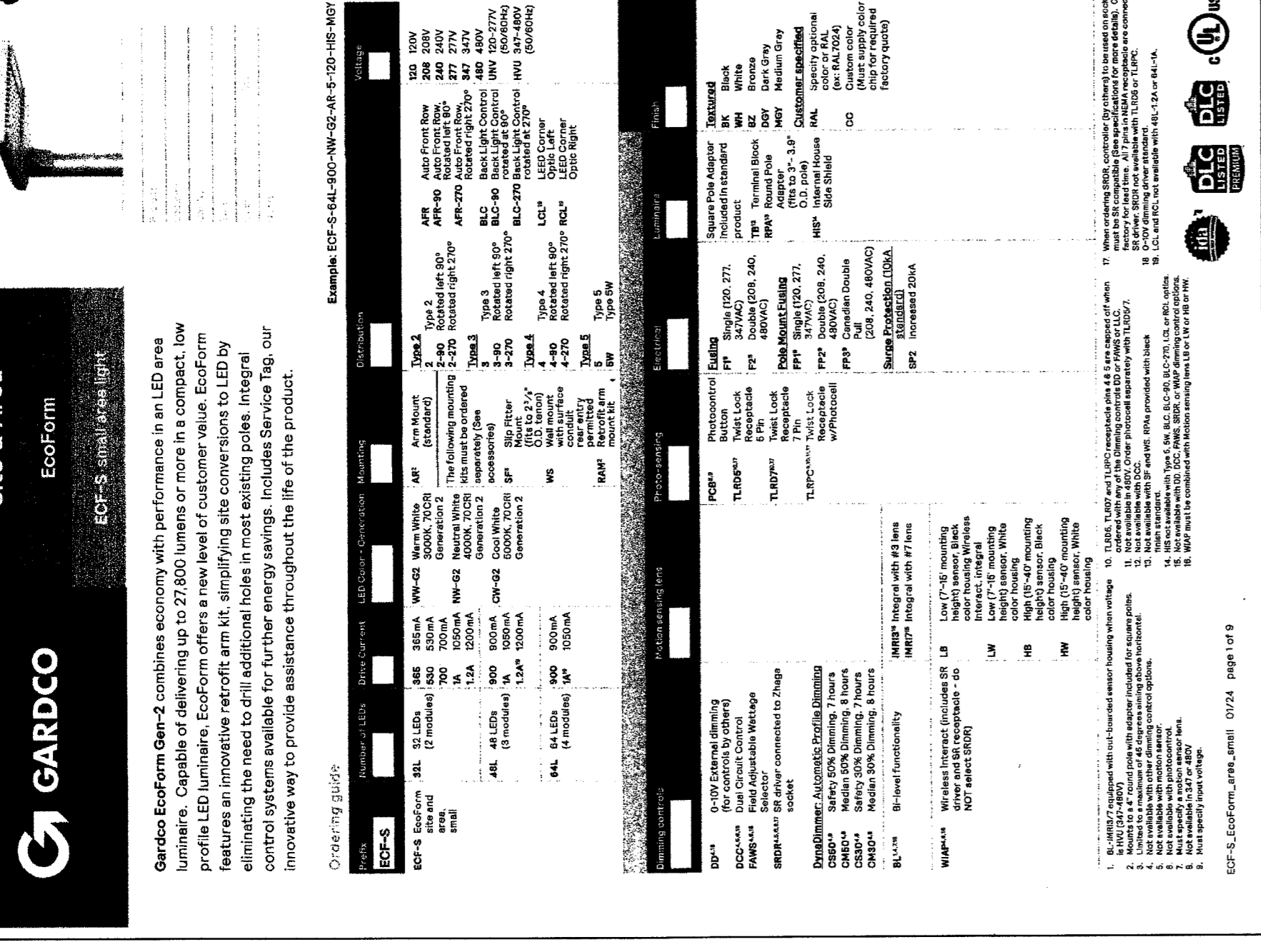
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

Site & Area EcoForm
ECF-5 small area light

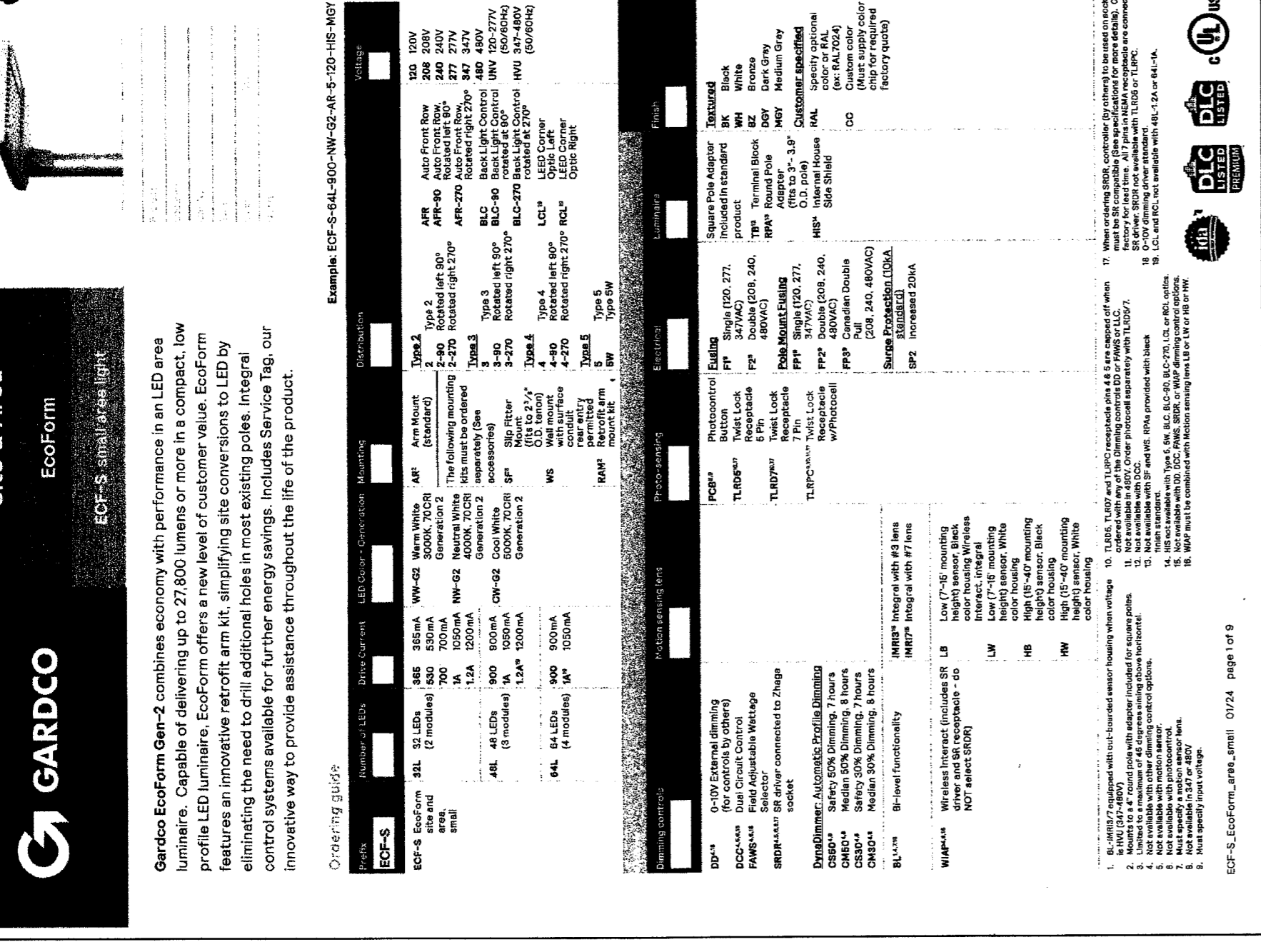
Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide:

CODE	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
ECF-5-1000-1000-1000-1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00

Example ECF-5-444-900-1000-45-100-100-100

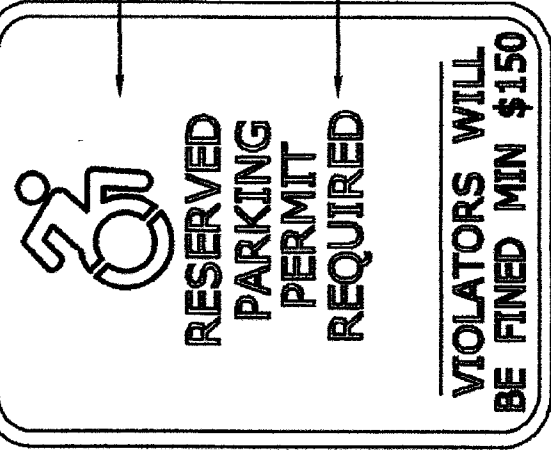
ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00
1000	1000' x 1000' x 1000' EcoForm	1	1000.00	1000.00



ECF-5 EcoForm small Area luminaire

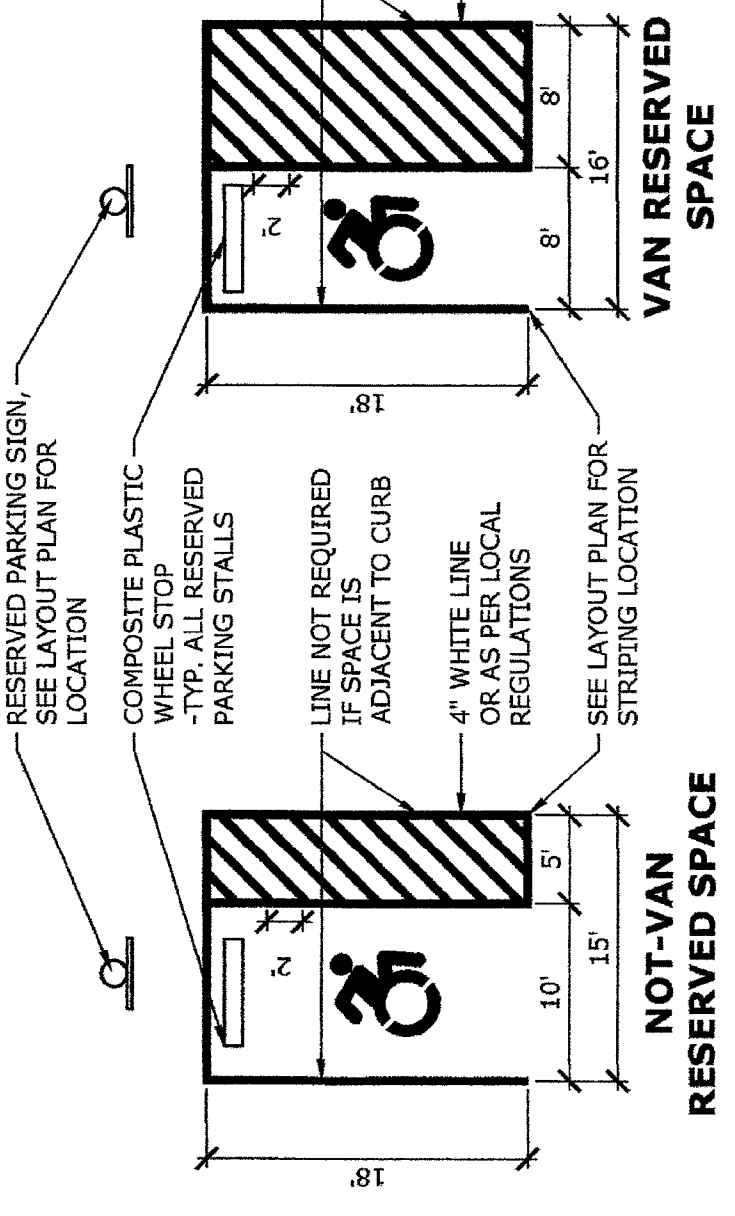
Site & Area EcoForm
ECF-5 small area light

Gardco EcoForm Chem-2 combines economy with performance in an LED area lighting application. EcoForm offers a new level of customer value. EcoForm features an innovative ecoform area light, simplifying site conversions to



RESERVED PARKING SIGN
NOT TO SCALE

RESERVED PARKING SPACE MARKING
NOT TO SCALE



NOT-VAN RESERVED SPACE

VAN RESERVED SPACE

PER ADA REGULATIONS
Two accessible parking spaces can share an access aisle. The access aisle must be at least 60 inches wide and be on the same side of the two parking spaces (except in angled parking).

OR ACCESSIBLE SPACES MUST:
Be at least 96 inches wide
Have an access aisle at least 60 inches wide
Have no more than a 1:48 (2.08%) slope in all directions

Have a surface that is firm, stable, and slip-resistant
Have a sign with the international symbol of accessibility on it, mounted at least 60 inches above the ground (measured to the bottom of the sign)

Van accessible spaces must (pick option #1 or #2)
Option #1: Be at least 132 inches wide
Option #2: Have no more than a 1:48 (2.08%) slope in all directions

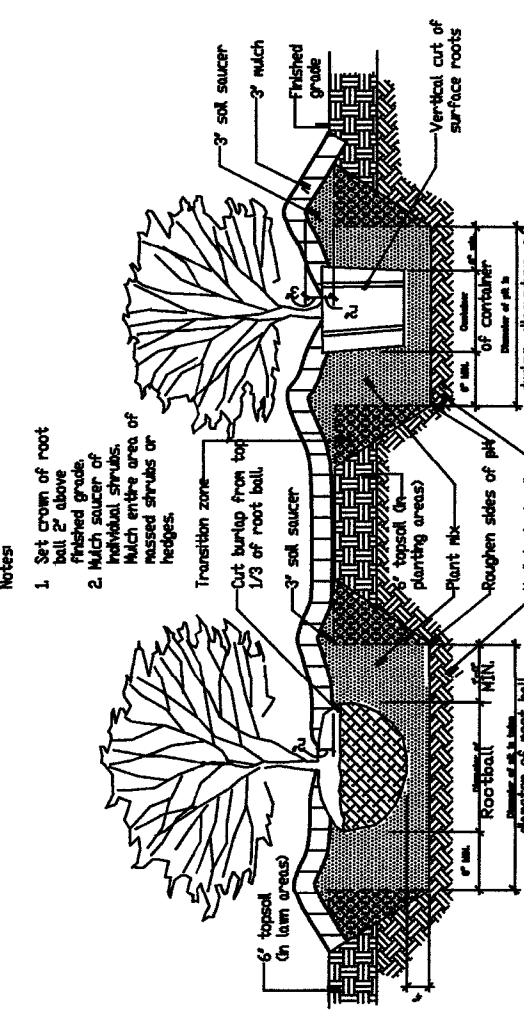
Provide at least 96 inches of vertical clearance (van, wheelchair, and access aisle, and) over the parking space, access aisle, and vehicular route

Have a surface that is firm, stable, and slip-resistant
Have two signs, mounted at least 60 inches above the ground (measured to the bottom of the sign)
First sign: International symbol of accessibility
Second sign: stating that the space is an accessible space (measured to the bottom of the sign)

Have an access aisle at least 96 inches wide
Have no more than a 1:48 (2.08%) slope in all directions

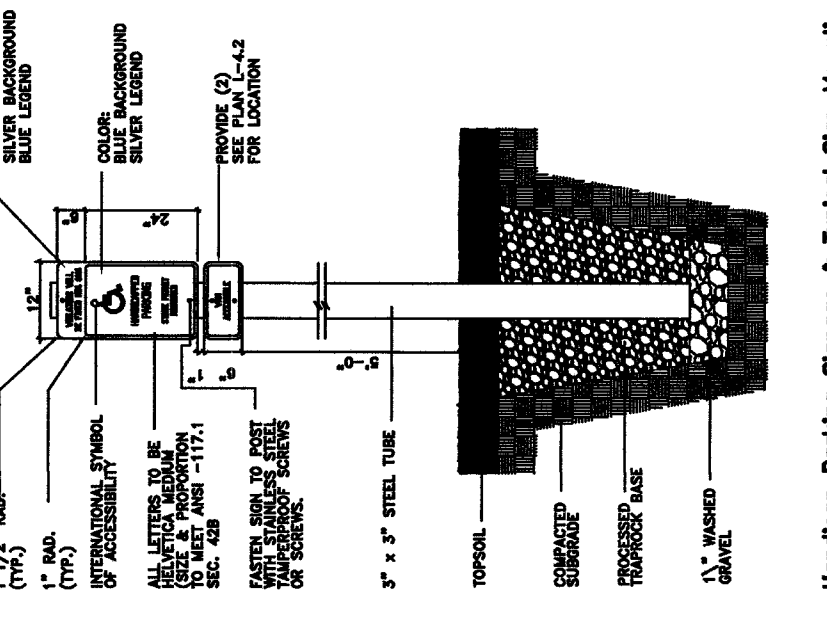
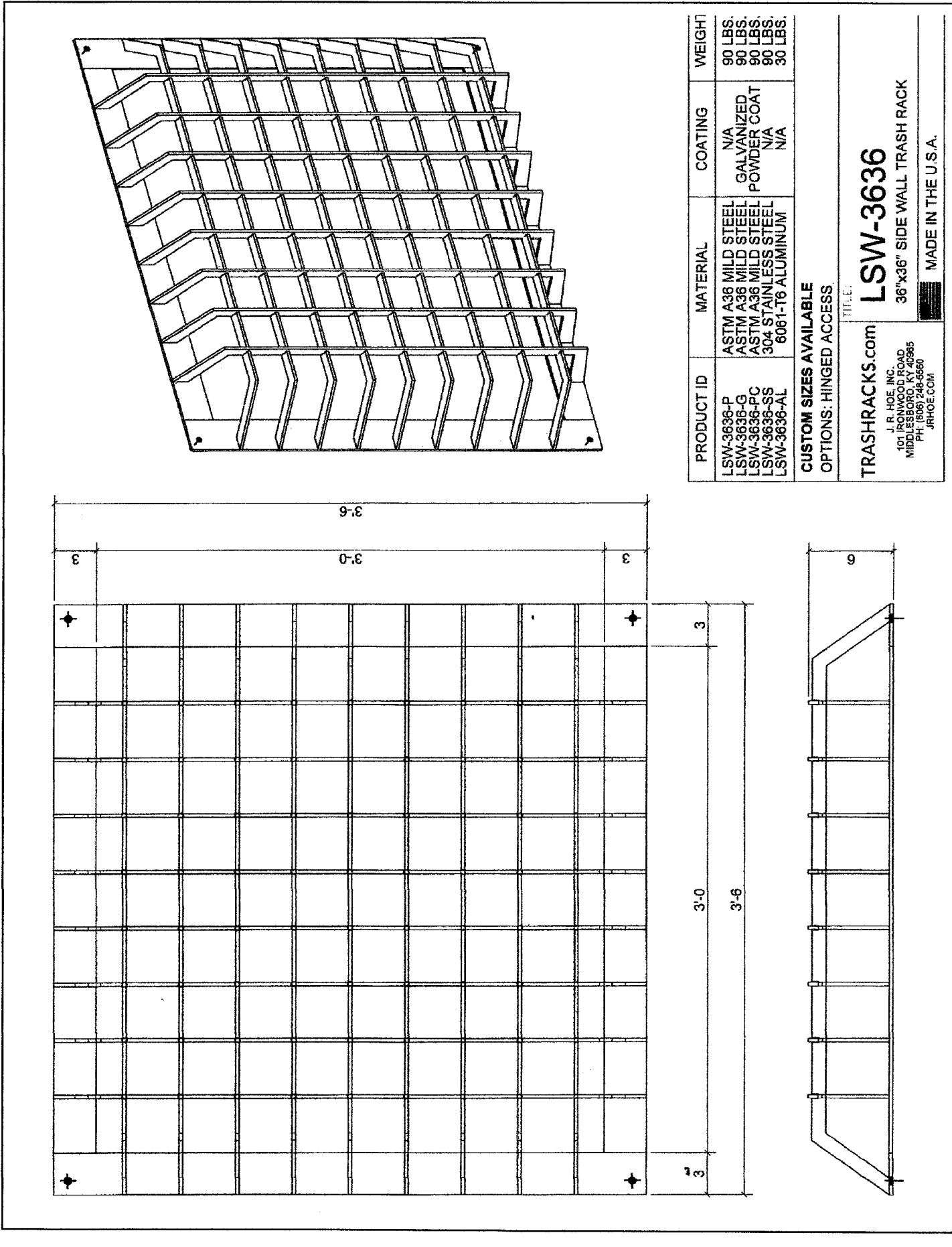
Provide at least 96 inches of vertical clearance for the parking space, access aisle and vehicular route

Have a surface that is firm, stable and slip-resistant
Have two signs, mounted at least 60 inches above the ground (measured to the bottom of the sign)
First sign: International symbol of accessibility
Second sign: stating that the space is an accessible space



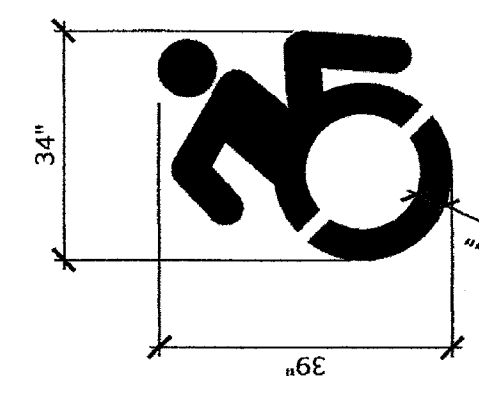
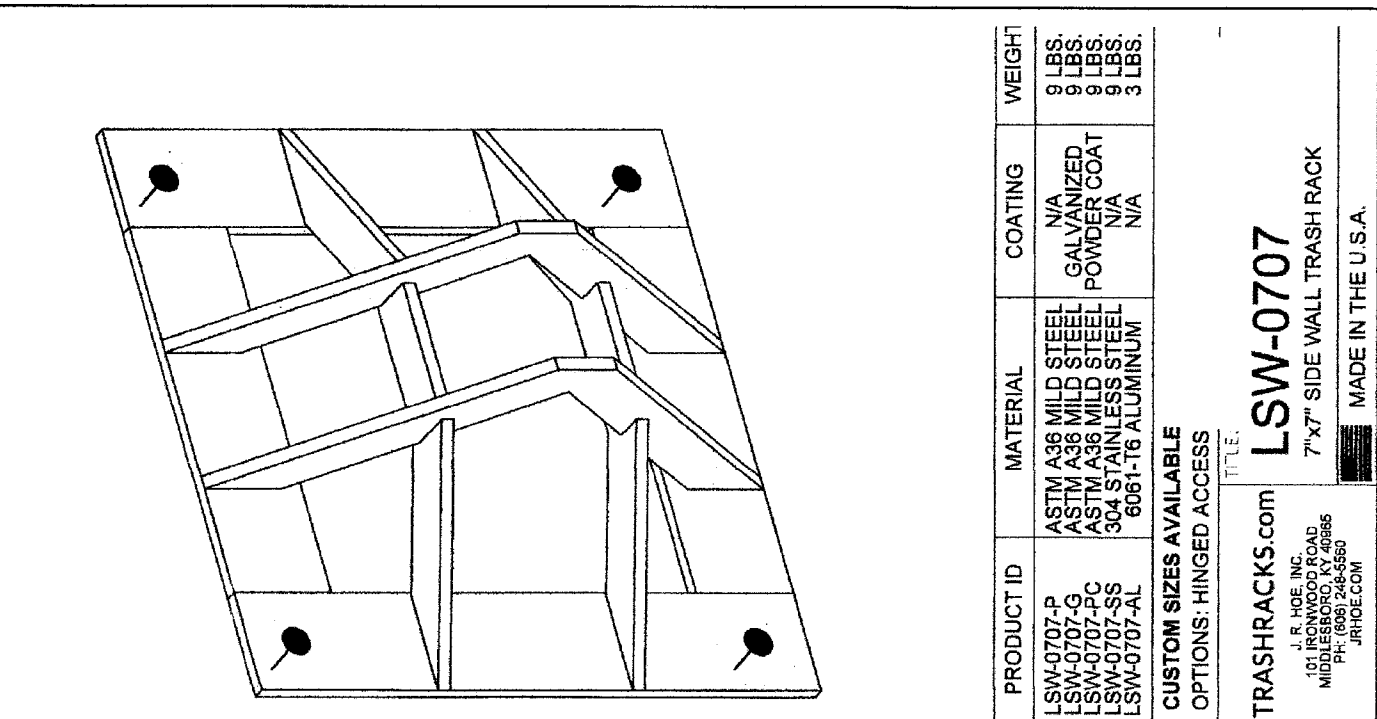
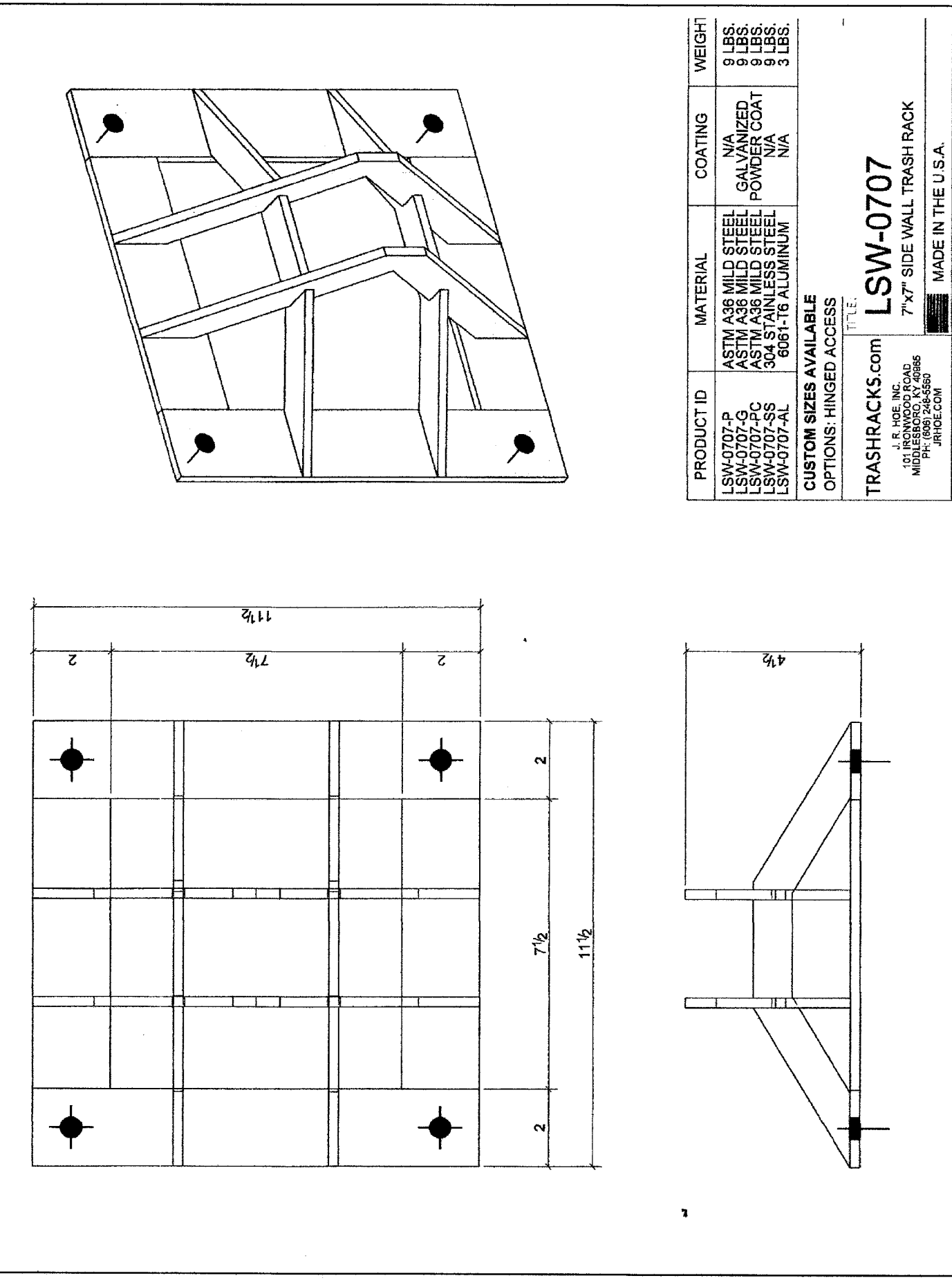
SHRUB PLANTING DETAIL

TREE PLANTING DETAIL



Headcap, Parking Signage & Typical Sign Mounting

NOTE:
A REUSED SIGN REMOVED HAS BEEN APPROVED BY THE STATE OF CONNECTICUT AND SHALL BE UTILIZED FOR THIS PROJECT. AS OF THIS DATE NO NEW DETAIL IS AVAILABLE.



RESERVED SPACE MARKING

Connecticut Stormwater Quality Manual

Figure A-1.1. Planting Palette Example A

Location Suitability	Plant Photo	Name	Attributes	Notes
Highly Suitable		<i>Cornus americana</i> New Jersey Tea	• Nitrogen fixing • Can grow in full sun or shade • Deep roots provide good erosion control • Well adapted for pollinators & wildlife • Best for wooded zone • Prefers well drained soils • Quick to establish	Spacing 4-5 feet
Highly Suitable		<i>Lobelia cardinalis</i> Cardinal Flower	• Prefers moist to wet soil • Emergent or Submergent Zones	Spacing 18-24 inches
Highly Suitable		<i>Junco tenuis</i> Path Tush	• Drought and flood tolerant • Tolerant of compacted soils • Moderately tolerant of salt • Nitrogen fixing	Spacing 12 inches
Highly Suitable		<i>Asclepias tuberosa</i> Butterfly Weed	• Beneficial for pollinators • Drought tolerant • Best for upland zone • Moderate salt tolerance	Spacing 18-24 inches
Highly Suitable		<i>Coreopsis flintcroftii</i> Flintcroft Tickseed	• Beneficial for pollinators • Drought tolerant • Best for wet meadow and emergent zones • Moderate salt tolerance	Spaced at least 2 ft. of bare live seed per acre

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-2. Planting Palette Example B

Location Suitability	Plant Photo	Name	Attributes	Notes
Highly Suitable		<i>Verbena hastata</i> Swamp Verbena	• Livestock tolerant • Beneficial for pollinators • Quick to establish • Prefers wet to moist soil • Nitrogen fixing	Spacing 12-24 inches
Highly Suitable		<i>Lythrum salicaria</i> Spotted Joe Pye Weed	• Prefers wet to moist soil • Best for wet meadow, emergent or submergent zones • Prefers sandy soils, but will grow in non-sandy wetlands	Spacing 4-5 feet on center
Highly Suitable		<i>Iris versicolor</i> Helleborin Blueflag	• Preference for acidic soils • Good filter of excess nutrients • In wet soils will thrive without fertilizer • Drought tolerant for short periods	Spacing 2-3 feet
Highly Suitable		<i>Carex stricta</i> Tussock Sedge	• Drought tolerant for short periods • Prefers standing water or moist soils • Deer resistant	Spacing 1-3 feet
Highly Suitable		<i>Carex palustris</i> Marsh Marigold	• Beneficial for pollinators • Flooding tolerant, prefers moist soils • Best for wet meadow and emergent zones • Deer resistant	Spacing 12 inches

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Location Suitability	Plant Photo	Name	Attributes	Notes
Highly Suitable		<i>Cercis canadensis</i> Eastern Redbud	• Provides flowers in early spring • Tolerates a wide range of pH • Will grow best in alkaline soils • Grow deep tap root in first few years if conditions are conducive for soil • Good ground cover • Tolerant of wide range of soil • Slake tolerant, good for beneath trees	• Spacing 20-30 feet • Spacing 12 inches
Highly Suitable		<i>Phlox divaricata</i> Wild Blue Phlox	• Good ground cover • Tolerant of wide range of soil • Slake tolerant, good for beneath trees	• Spacing 12-24 inches
Highly Suitable		<i>Phlox subulata</i> Moss Phlox	• Beneficial for pollinators • Drought tolerant • Prefers sun • Tolerant of nutrient poor soils	• Spacing 12-24 inches

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

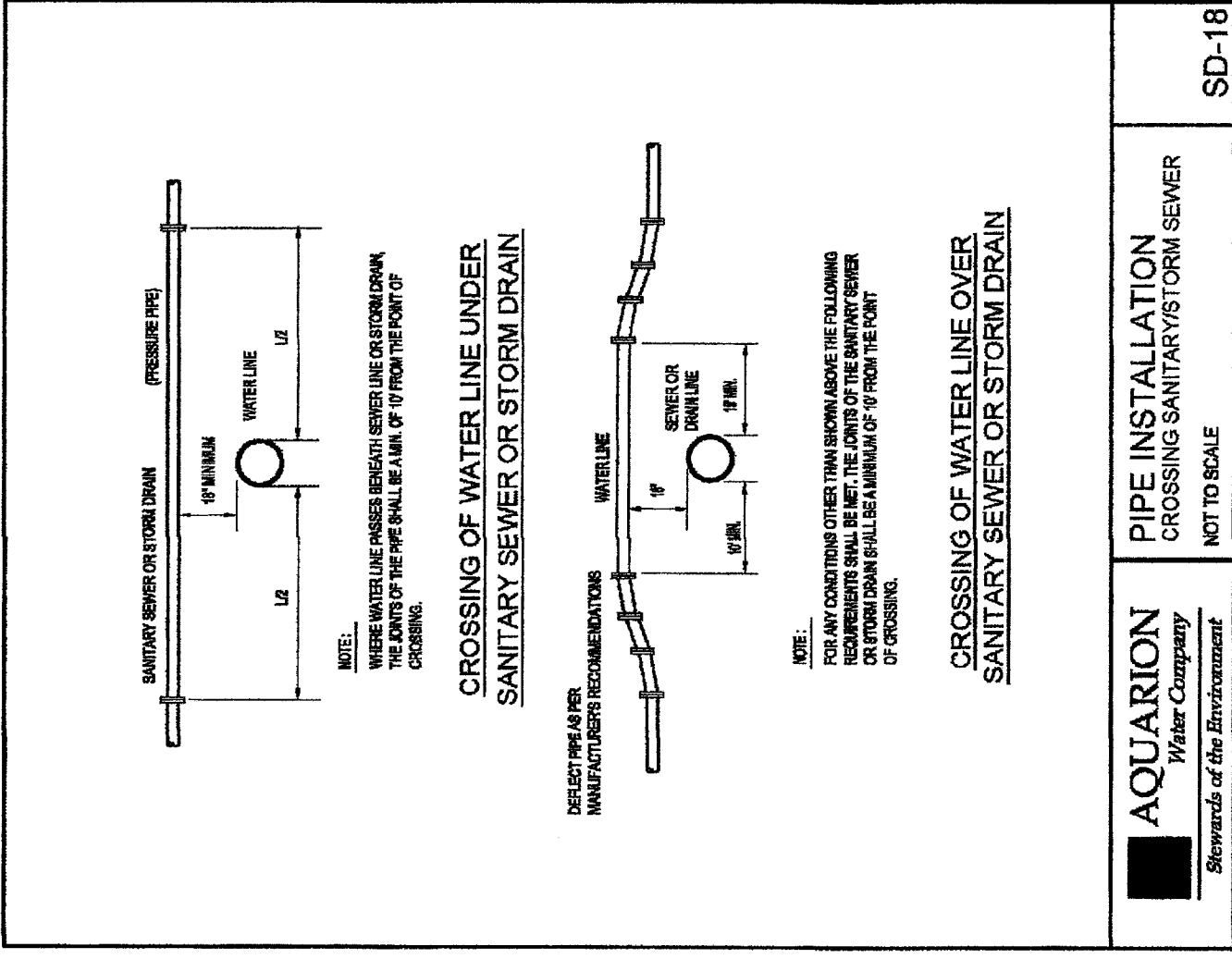
Appendix F - Planting Guide

Connecticut Stormwater Quality Manual

Figure A-3. Planting Palette Example C

Appendix F - Planting Guide

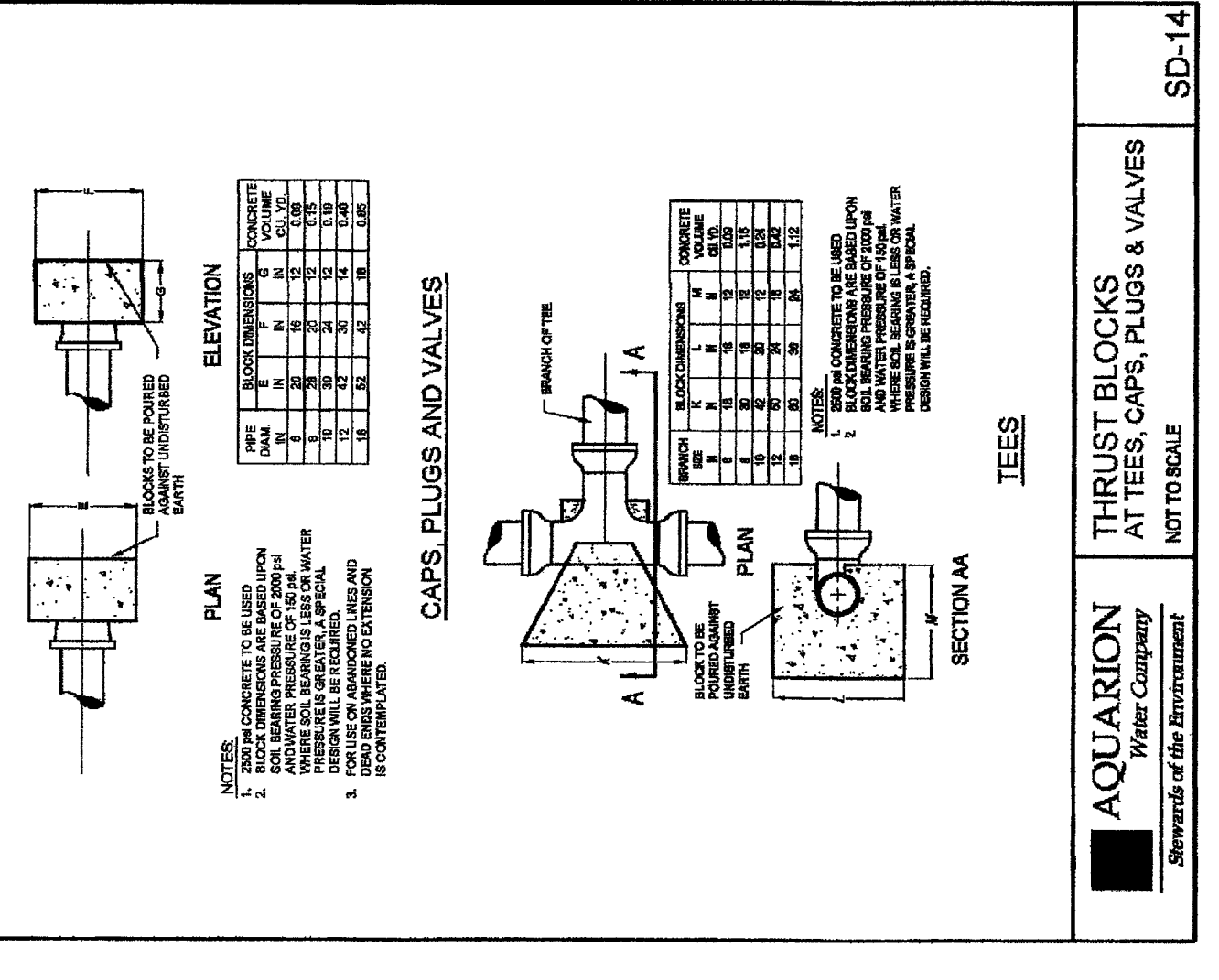
Connecticut Stormwater Quality Manual



PIPE INSTALLATION CROSSING SANITARY OR STORM SEWER
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

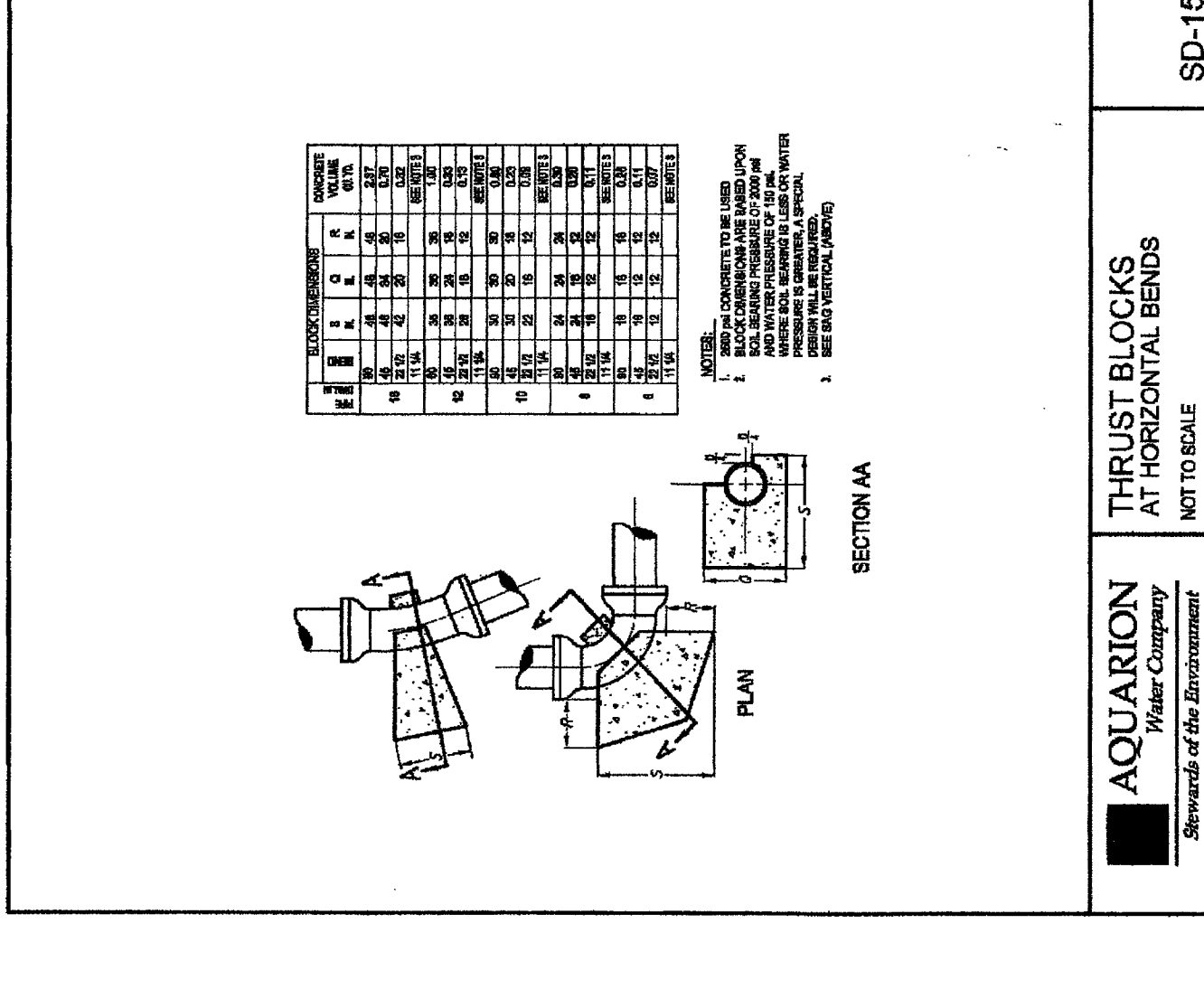
SD-18



THRUST BLOCKS AT TEES, CAPS, PLUGS & VALVES
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

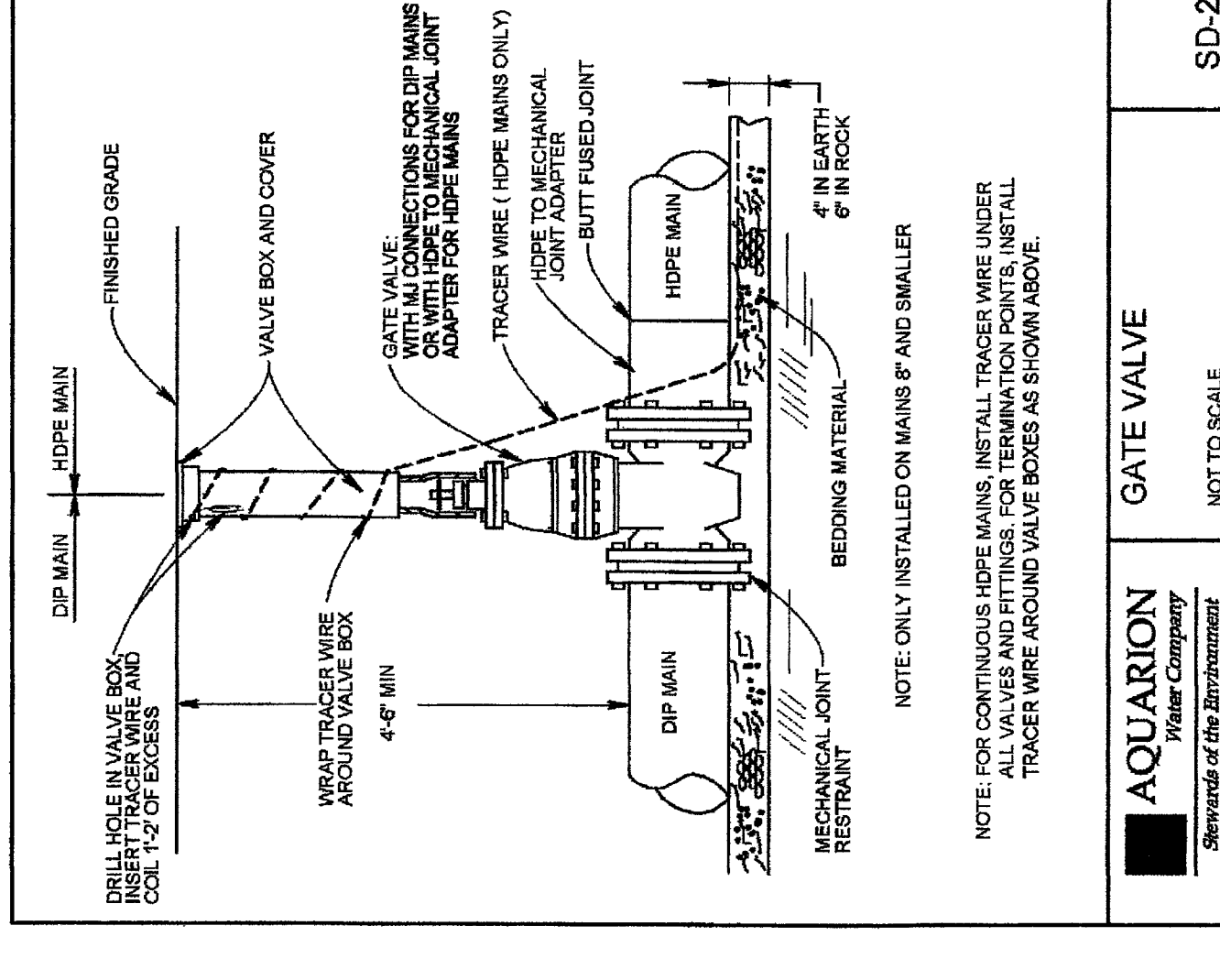
SD-14



THRUST BLOCKS AT HORIZONTAL BENDS
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

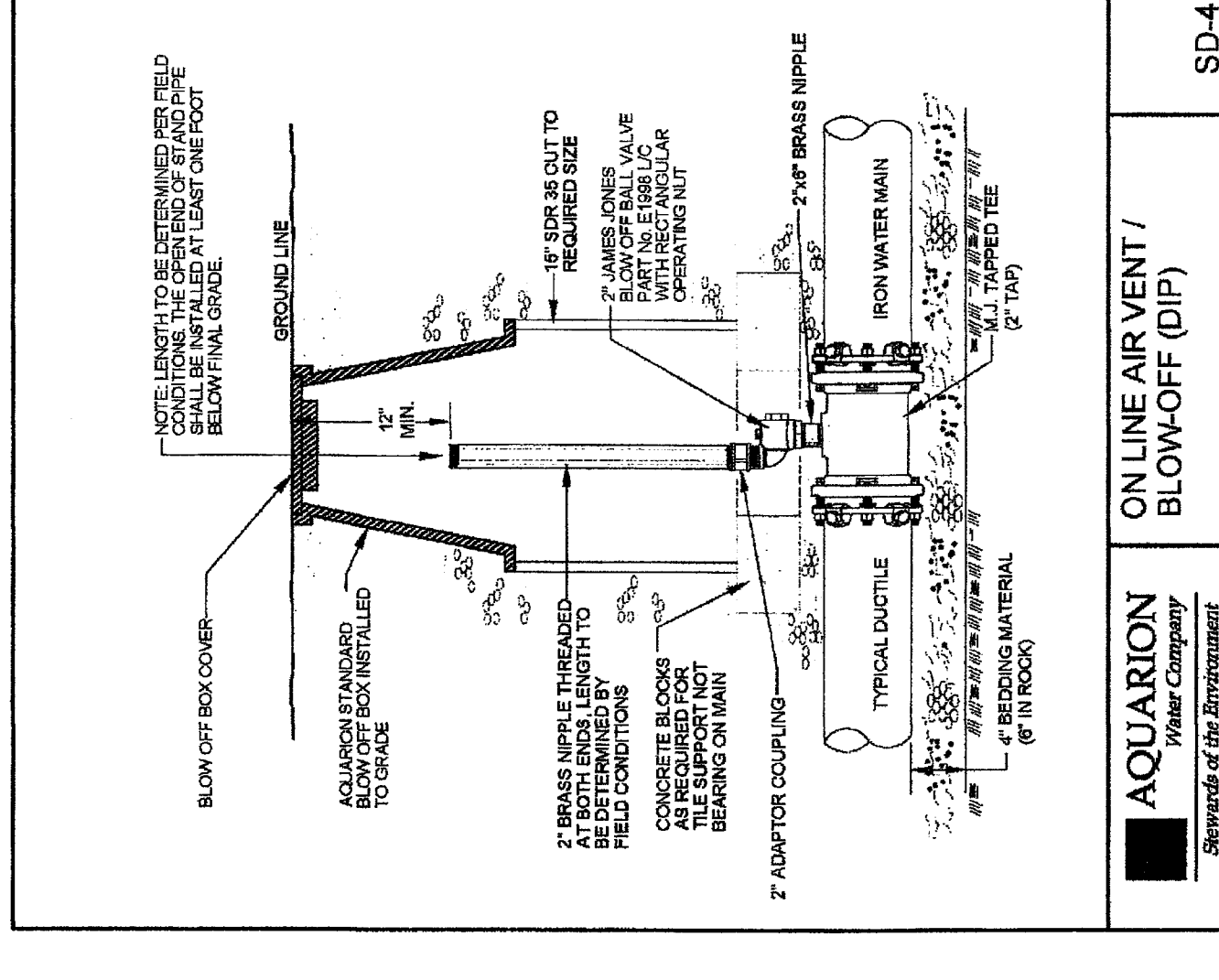
SD-15



GATE VALVE
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

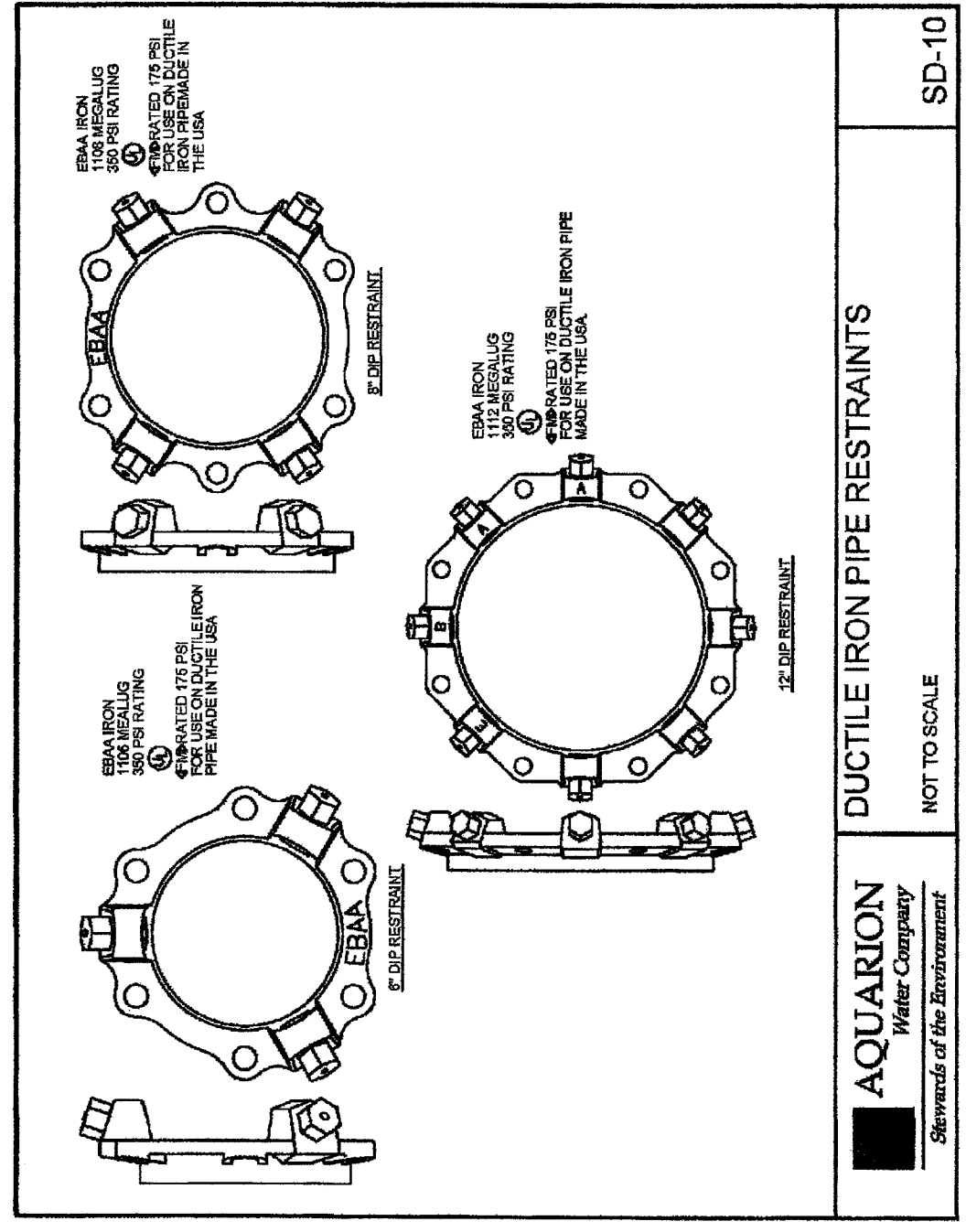
SD-2



ON LINE AIR VENT / BLOW-OFF (DIP)
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

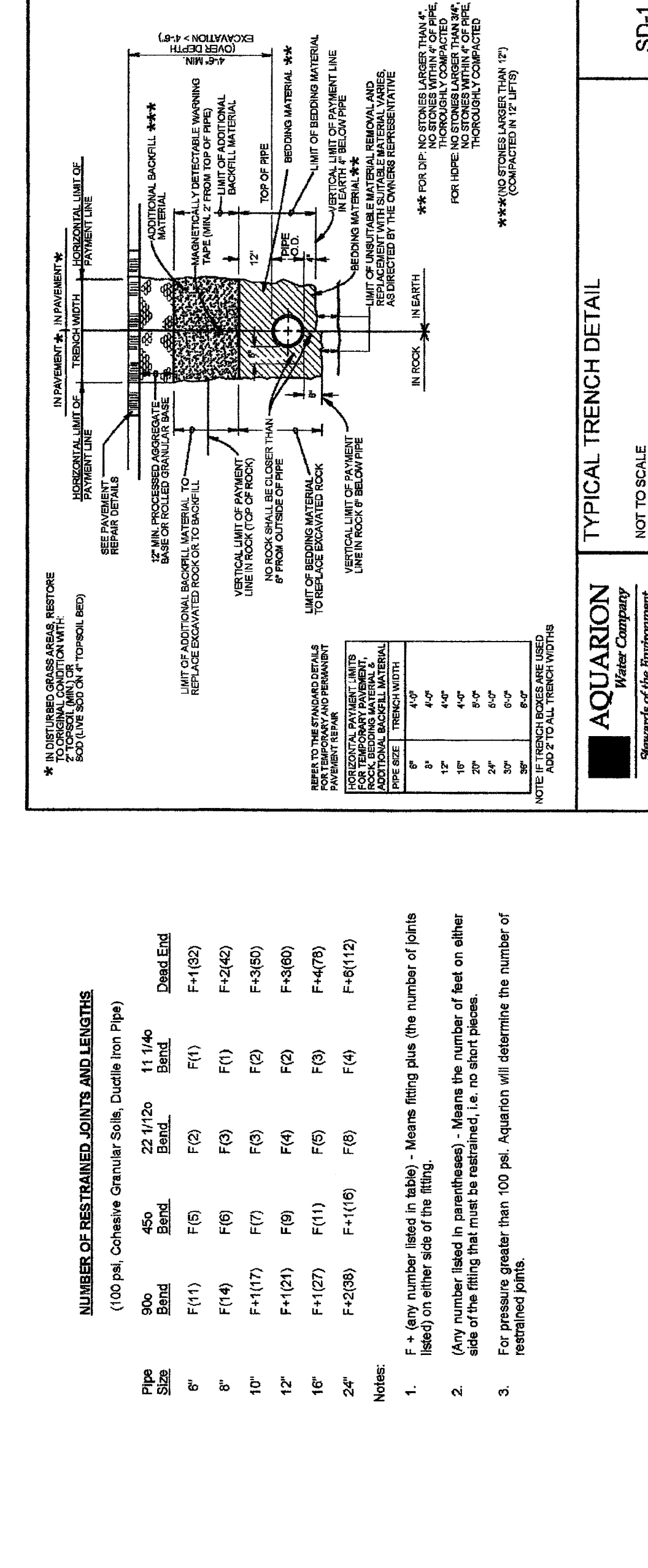
SD-4



DUCTILE IRON PIPE RESTRAINTS
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

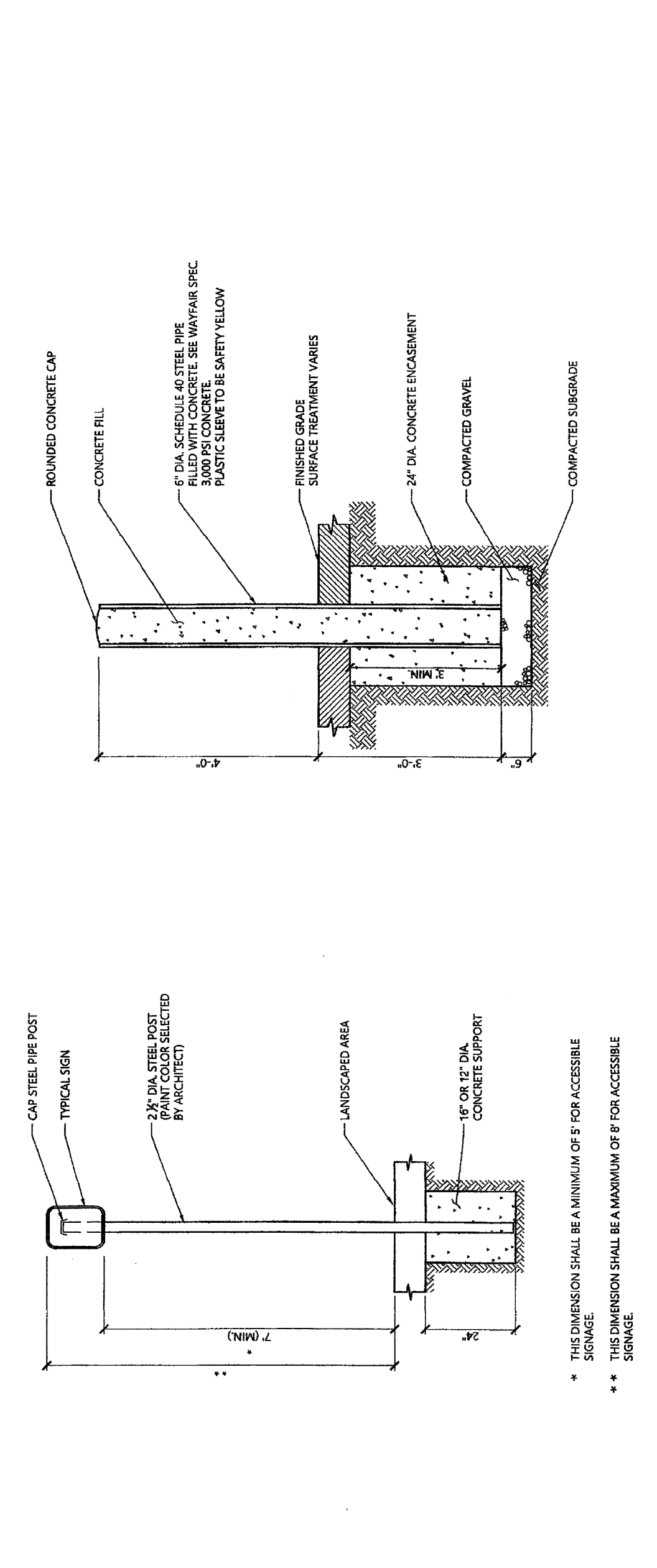
SD-10



TYPICAL TRENCH DETAIL
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

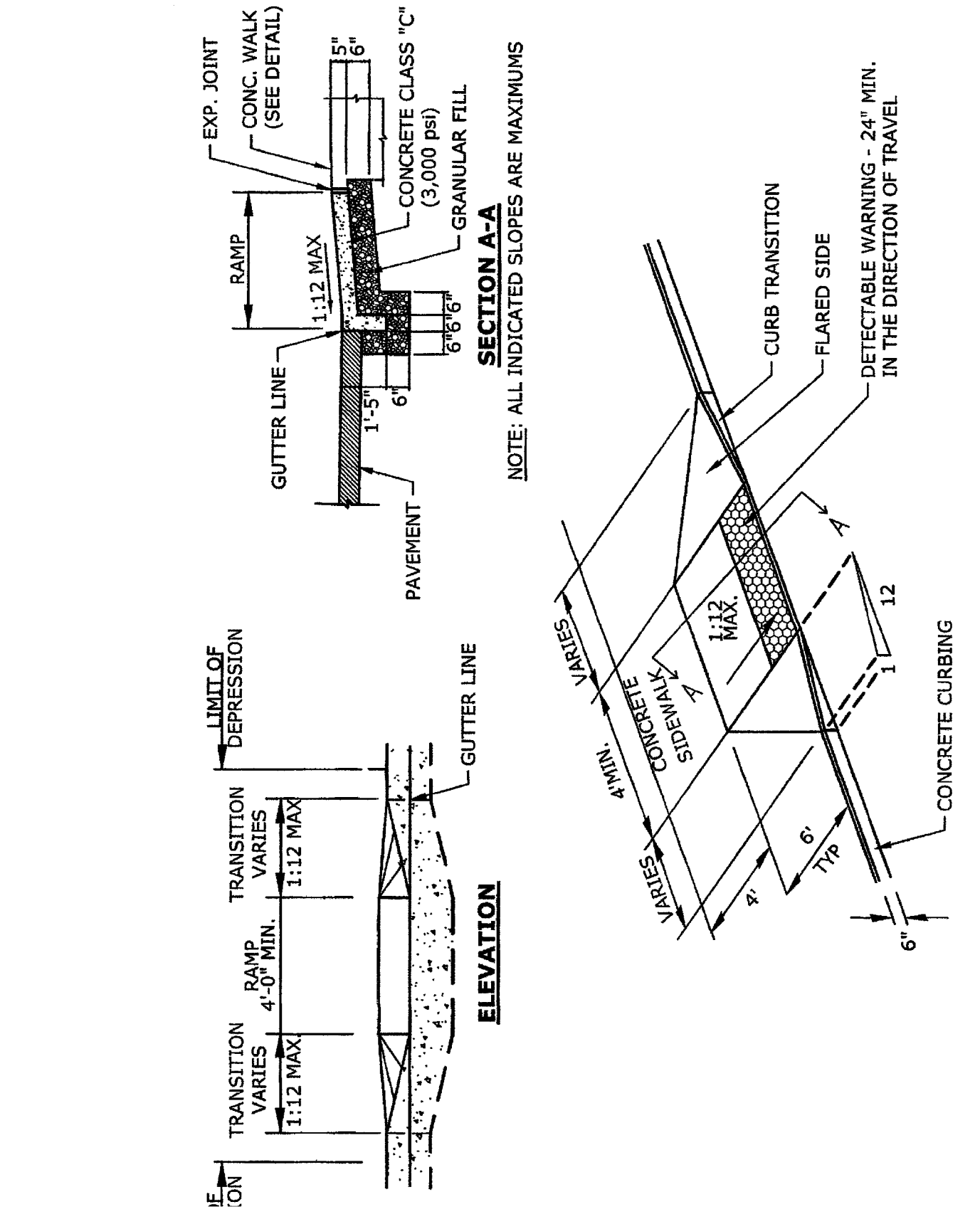
SD-1



SIGN POST
BOLLARD

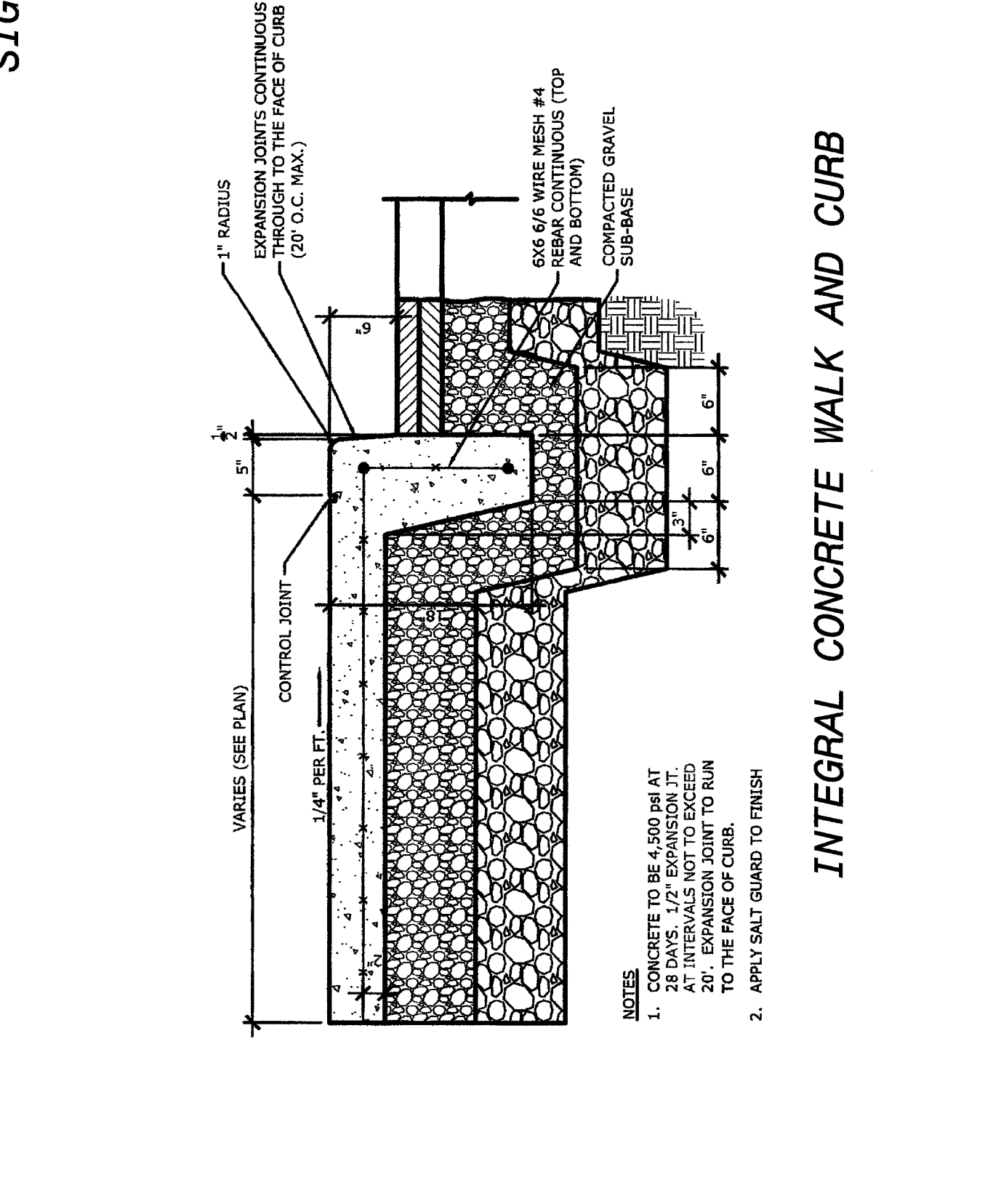
AQUARION
Water Company
Sewards of the Environment

AQUARION
Water Company
Sewards of the Environment



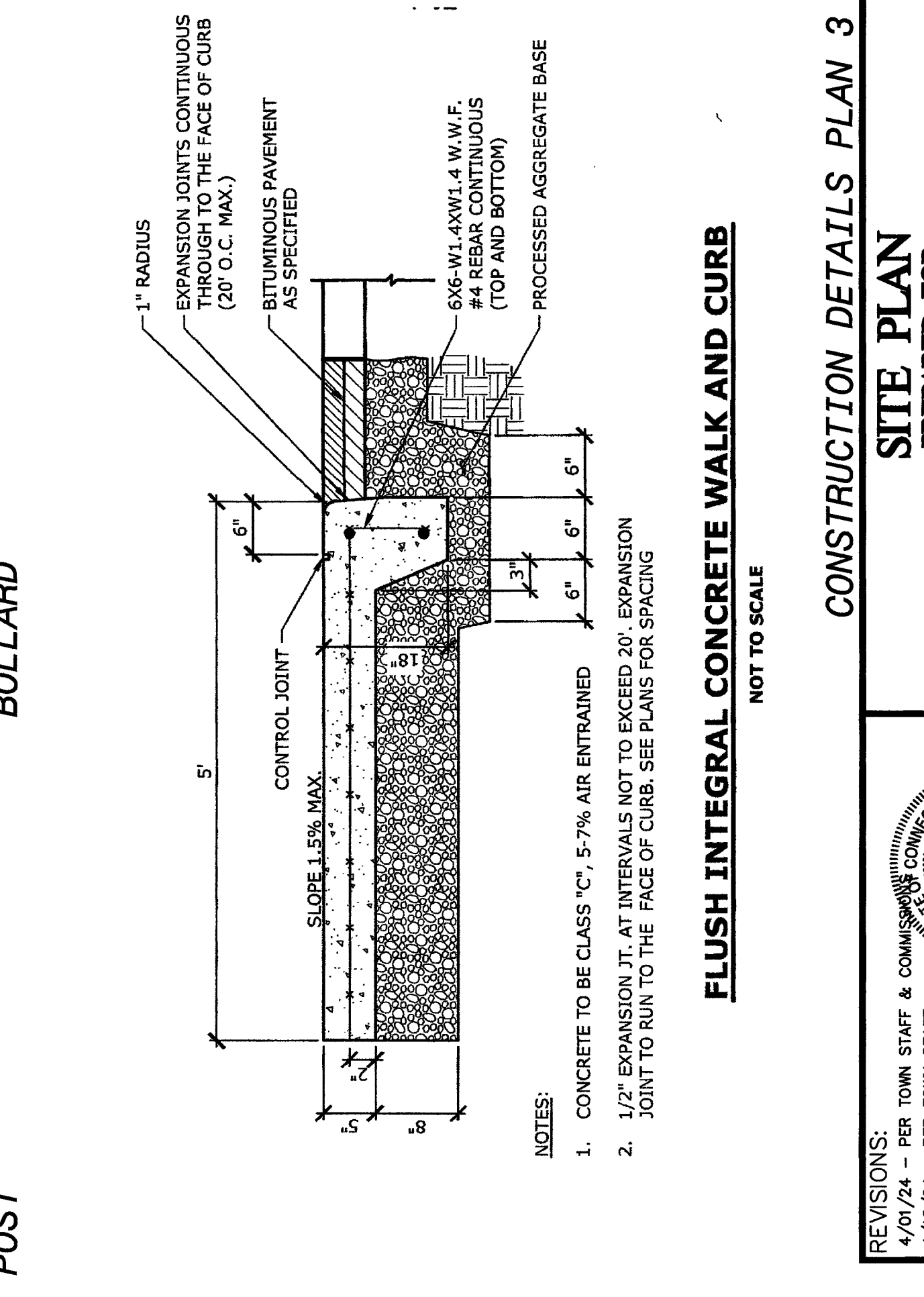
ACCESSIBLE DROP RAMP - TYPE B
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment



INTEGRAL CONCRETE WALK AND CURB
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment



FLUSH INTEGRAL CONCRETE WALK AND CURB
NOT TO SCALE

AQUARION
Water Company
Sewards of the Environment

REVISIONS:
4/01/24 - PER TOWN STAFF & COMMISSIONER OF CONSTRUCTION
4/10/24 - PER TOWN STAFF

CONSTRUCTION DETAILS PLAN 3
SITE PLAN
PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: N.T.S.
DATE: 3/8/24
SHEET NO.: 9 OF 11

REVISIONS:
4/01/24 - PER TOWN STAFF & COMMISSIONER OF CONSTRUCTION
4/10/24 - PER TOWN STAFF

CONSTRUCTION DETAILS PLAN 3
SITE PLAN
PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: N.T.S.
DATE: 3/8/24
SHEET NO.: 9 OF 11

REVISIONS:
4/01/24 - PER TOWN STAFF & COMMISSIONER OF CONSTRUCTION
4/10/24 - PER TOWN STAFF

CONSTRUCTION DETAILS PLAN 3
SITE PLAN
PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: N.T.S.
DATE: 3/8/24
SHEET NO.: 9 OF 11

REVISIONS:
4/01/24 - PER TOWN STAFF & COMMISSIONER OF CONSTRUCTION
4/10/24 - PER TOWN STAFF

CONSTRUCTION DETAILS PLAN 3
SITE PLAN
PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: N.T.S.
DATE: 3/8/24
SHEET NO.: 9 OF 11

REVISIONS:
4/01/24 - PER TOWN STAFF & COMMISSIONER OF CONSTRUCTION
4/10/24 - PER TOWN STAFF

CONSTRUCTION DETAILS PLAN 3
SITE PLAN
PREPARED FOR
CHILDCARE CENTER DREAM DEVELOPERS OF CT
PARCEL 1C - 34 HOPMEADOW STREET
SIMSBURY, CONNECTICUT

SCALE: N.T.S.
DATE: 3/8/24
SHEET NO.: 9 OF 11

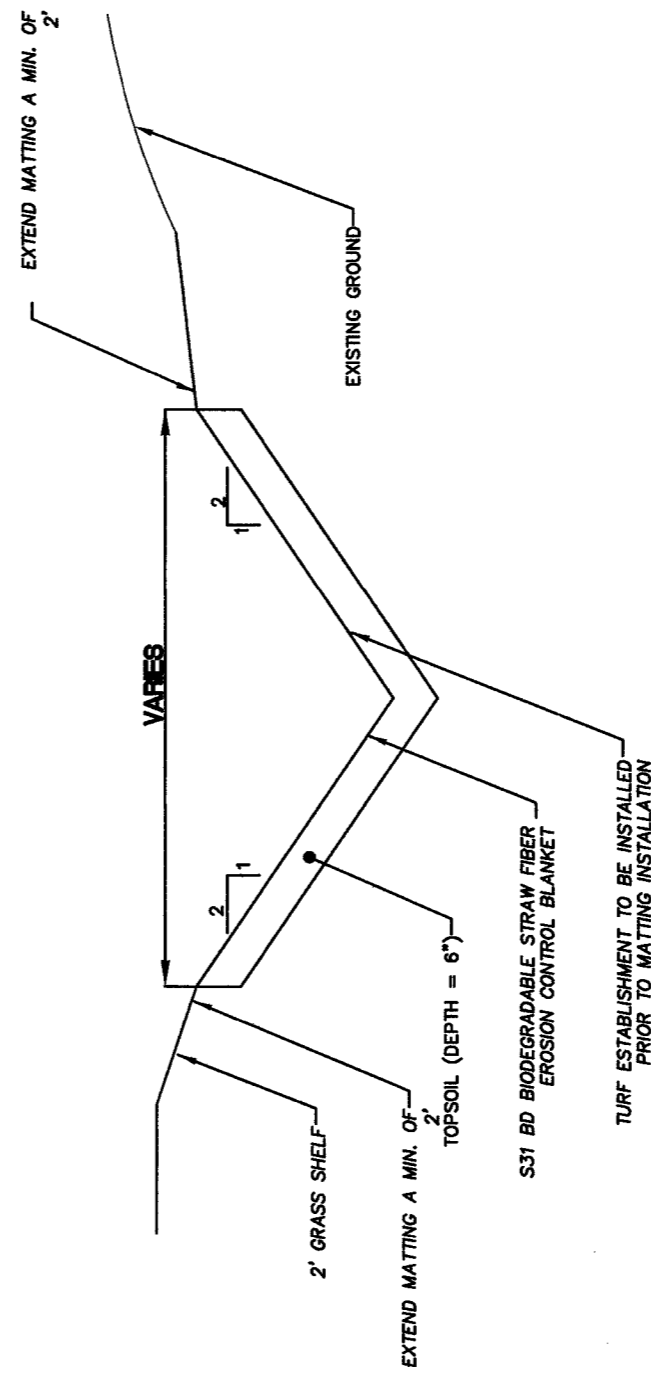
DOT All Purpose Seed Mix From CT DOT Form 818 below

1. The grass seed mixture shall conform to the following:

Species	Proportion By Weight Percent (EXCESS)	Minimum Purity (EXCESS)	Minimum Germination (EXCESS)
VELVET BENTGRASS, (AGROSTIS CANINA) CERTIFIED VARIETY OR EQUAL CERTIFIED VARIETY;	25	96	85
RED FESCUE (FESTUCA RUBRA), SSP. RUBRA) CERTIFIED VARIETY OR EQUAL CERTIFIED VARIETY	35	97	80
PASTURE PERMA (CHAMAECYSTIS FASCICULATA) CERTIFIED VARIETY;	10	95	90
INDIAN GRASS (SORGHASTRUM INDIANUM) CERTIFIED VARIETY;	15	95	90
CANADA WILDRYE (ELYMUS CANADENSIS) CERTIFIED VARIETY;	5	95	90
KENTUCKY BLUE GRASS (POA PRATIENSIS) CERTIFIED VARIETY;	10	95	90

Under no circumstances shall annual Ryegrass, Italian Rye, or any other seed be added to the seed mixture.
 (b) The "temporary" grass seed shall be perennial ryegrass (Lolium perenne) or an improved variety thereof, such as Manhattan, having a minimum purity of 98% and a minimum germination of 90%. The seed mixture shall be delivered in new, clean, sealed containers. Labels and contents shall conform to all State and Federal regulations. Seed shall be subject to the testing provisions of the Association of Official Agricultural Chemists. The contractor shall be responsible for a properly executed affidavit for each type and shipment of seed. The affidavit shall be of the form shown herein.
 The Engineer reserves the right to take such samples and to make such tests as they deem necessary to ensure compliance with these specifications. The Contractor shall supply such additional acceptable material and perform such work as required to rectify any deficiencies without cost to the State.

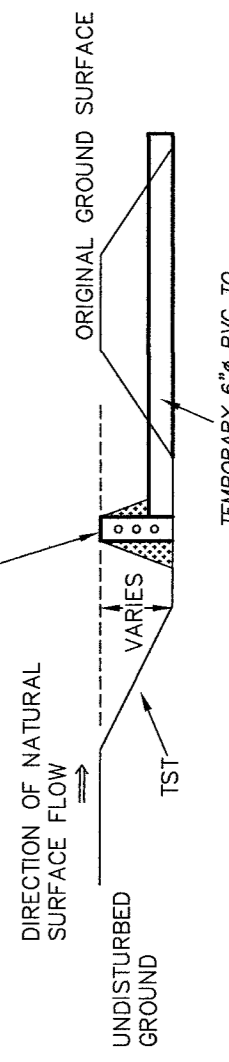
SEED MIX - WATER QUALITY BASINS



GRASS SWALE DETAIL

N.T.S.

TEMPORARY 6" PERFORATED PVC RISER WRAPPED WITH 6" PVC AND RISERS ARE TO BE CUT FROM YARD DRAINS OR CATCH BASINS AND REMOVED. CAP AND SEAL ALL 6" TST PVC INLETS TO YARD DRAINS OR CATCH BASINS.



1. INSTALL RISER OUTLET IN TEMPORARY SEDIMENT TRAPS AS INDICATED ON PLANS.
2. WHEN TST STORAGE DEMANDS HAVE BEEN ELIMINATED AND TST'S ARE REMOVED, ALL TEMPORARY 6" PVC AND RISERS ARE TO BE CUT FROM YARD DRAINS OR CATCH BASINS AND REMOVED. CAP AND SEAL ALL 6" TST PVC INLETS TO YARD DRAINS OR CATCH BASINS.

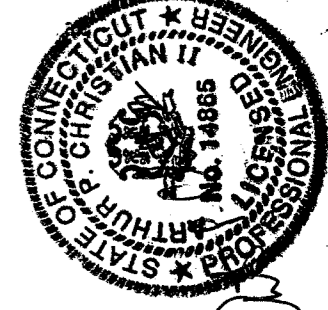
TST RISER OUTLET

INSTALL FILTER FABRIC FENCE (F) OR STRIP TOPOIL (T) TO PROTECT FROM A POLE OF MANY PLAYS (PLAYS SHOWN ON EROSION CONTROL PLANS)



1. INSTALL TEMPORARY SEDIMENT TRAP AT ALL LOCATIONS AS INDICATED ON THE PLANS.
2. PLEASE REFER TO SECTION 5-11 SEDIMENT IMPROVEMENTS, BARRIERS AND FILTERS, TEMPORARY SEDIMENT TRAP (TST) OF THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL FOR DETAILED DESCRIPTIONS OF THE CONSTRUCTION OF TEMPORARY SEDIMENT TRAPS (TST).
3. SEE OUTLET DETAIL TO RIGHT.

TEMPORARY SEDIMENT TRAP (TST)



REVISIONS:
 4/01/24 - PER TOWN STAFF & COMMISSIONS
 4/10/24 - PER TOWN STAFF

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

NOT VALID UNLESS LIVE SIGNATURE AND EMBOSSED SEAL IS USED
 DENNO LAND SURVEYING & CONSULTING, LLC
 2 TUNXIS RD. STE. 210 TARIFFVILLE, CT 06081

CONSTRUCTION DETAILS PLAN 4

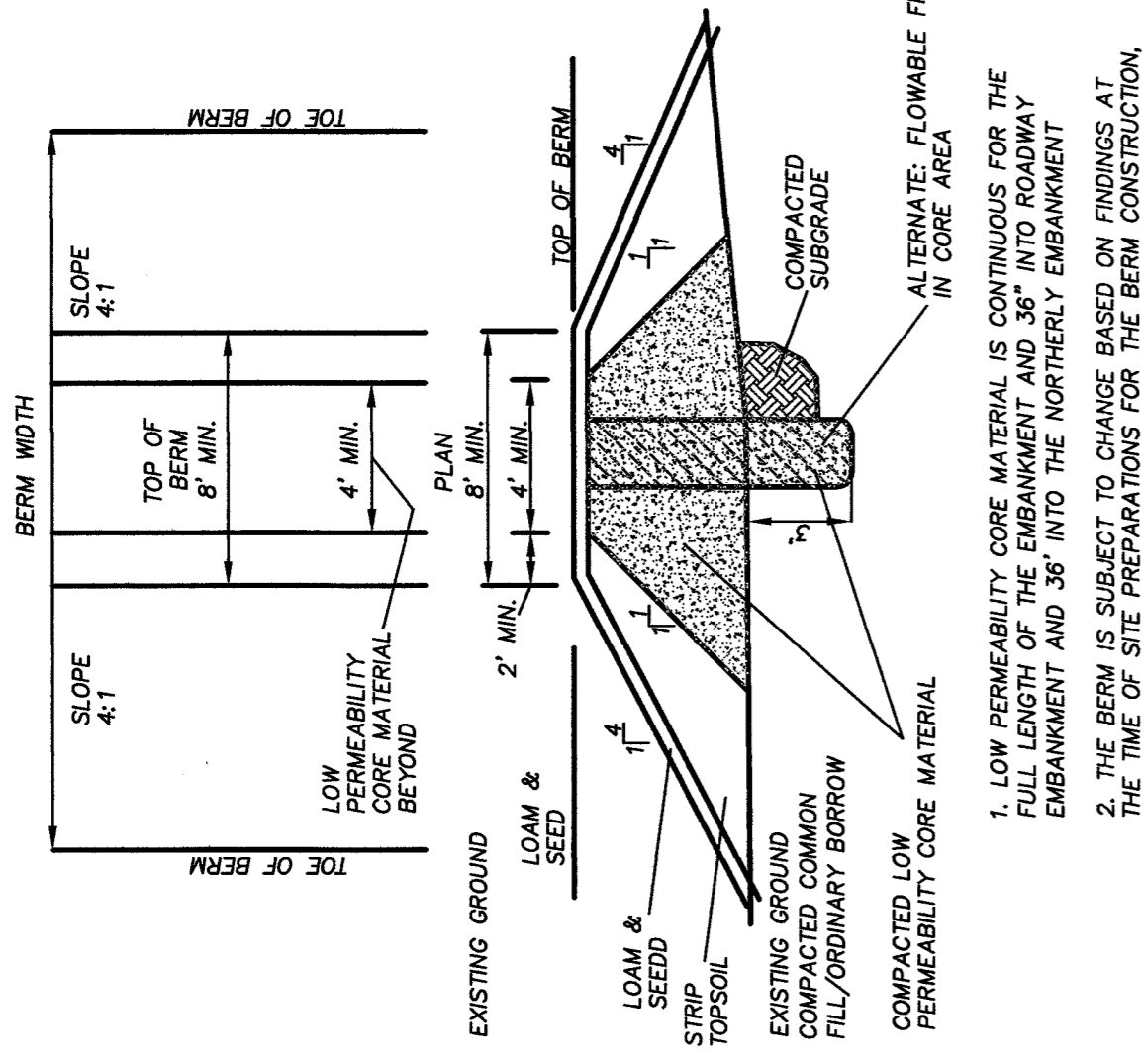
SITE PLAN
 PREPARED FOR

CHILDREAR CENTER DREAM DEVELOPERS OF CT
 PARCEL 1C - 34 HOPMEADOW STREET
 SIMSBURY, CONNECTICUT

SCALE
 N.T.S.

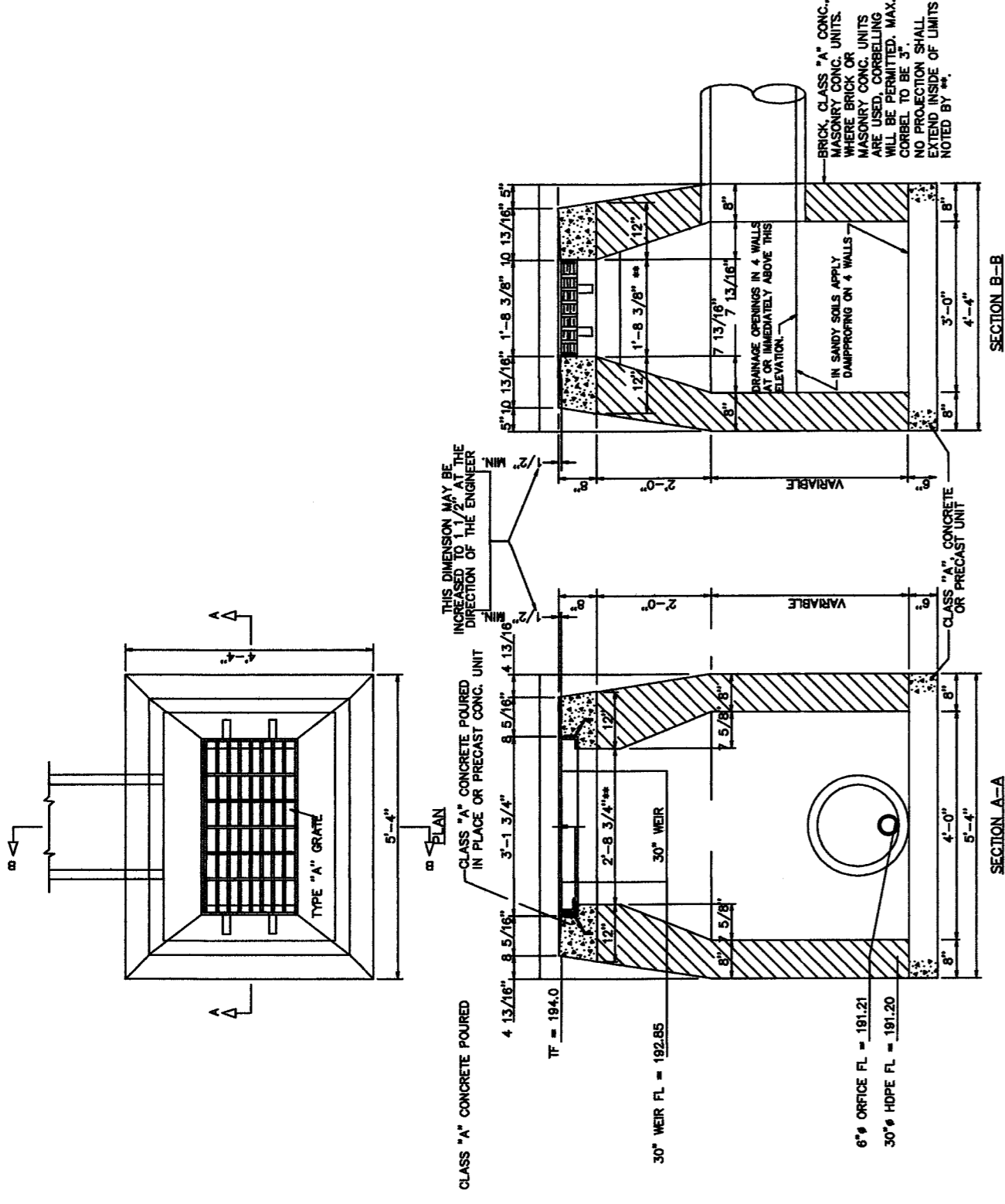
DATE
 3/8/24

SHEET NO.
 10 OF 11



BERM SECTION

1. LOW PERMEABILITY CORE MATERIAL IS CONTINUOUS FOR THE FULL LENGTH OF THE EMBANKMENT AND 36" INTO ROADWAY EMBANKMENT AND 36" INTO THE NORTHERLY EMBANKMENT
2. THE BERM IS SUBJECT TO CHANGE BASED ON FINDINGS AT THE TIME OF SITE PREPARATIONS FOR THE BERM CONSTRUCTION.



TYPE "C-L" CATCH BASIN

OUTLET STRUCTURE

