

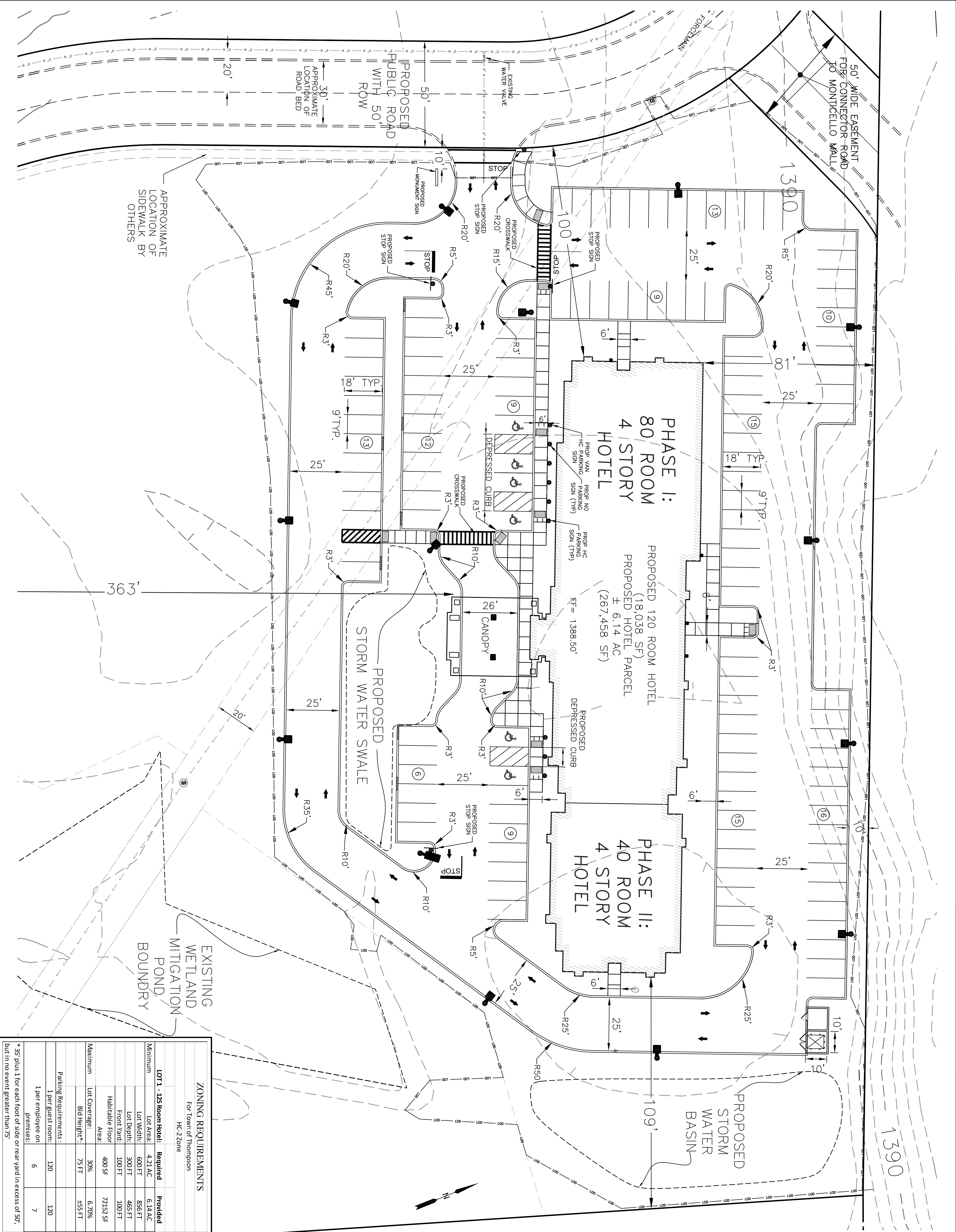
MAP REFERENCE

"Survey Map & Subdivision of Lands of Royhor, LLC," dated December, 2014 and prepared by Mercurio-Norton-Irall-Marshall, Engineering & Land Surveying.

"Golden Ridge Apartments," dated November 13, 2013 and prepared by Petrozok & Fou Engineering & Surveying, LLC.

[illegible]

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ZONING REQUIREMENTS			
For Town of Thompson			
	HC-2 Zone		
		Required	Provided
LOT 1 - 125 Room Hotel:			
Minimum	Lot Area:	4.21 AC	6.14 AC
	Lot Width:	600 FT	856 FT
	Lot Depth:	300 FT	465 FT
	Front Yard:	100 FT	100 FT
	Habitable floor	400 SF	72152 SF
	Area:		
	Lot Coverage:	30%	6.70%
	Bld Height*:	75 FT	455 FT
Parking Requirements:			
	1 per guest room:	120	120
	1 per employee on premises:	6	7

SITE PLAN

FOR

JCA HOTELS

SITUATE - NYS RT. 42

TOWN OF THOMPSON

SULLIVAN COUNTY, NEW YORK

FEBRUARY 13, 2015

20

0

20

40

60

Scale: 1" = 20'

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C101

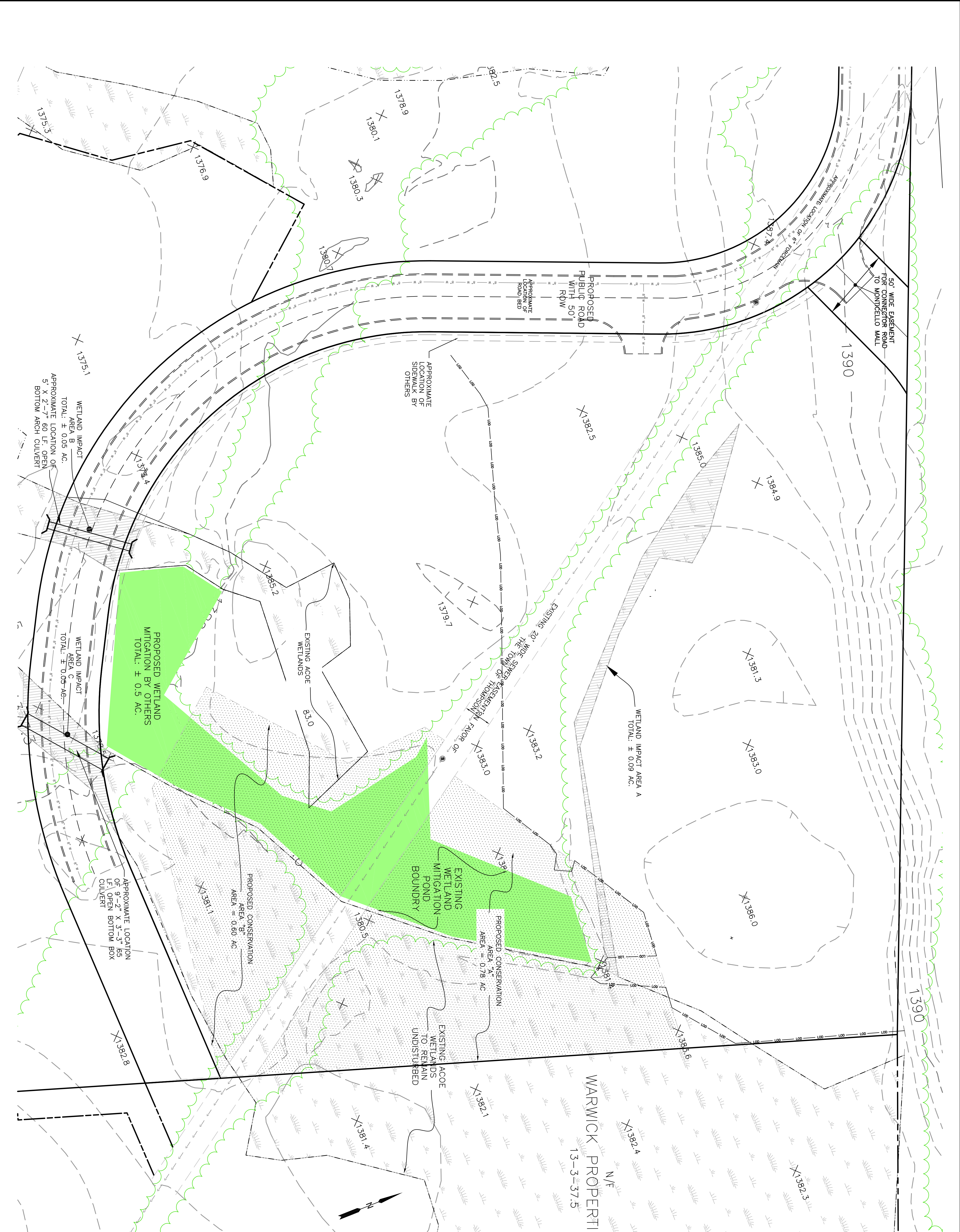
SHEET 2 OF 14

MAP REVISION DATES		
DATE	REVISION	BY

GENERAL NOTES:

- See Sheet 7 for signage details.

E14 094 JCA THOMPSON\SUBMISSIONS\E14 094 SITE PLAN 02/2015



WARWICK PROPERTY
13-3-37.5
N/F

MAP REVISION DATES		
DATE	REVISION	BY

EXISTING CONDITIONS

FOR

JCA HOTELS

SITUATE - NYS RT. 42
TOWN OF THOMPSON
SULLIVAN COUNTY, NEW YORK
FEBRUARY 13, 2015

30

0

30

60

90

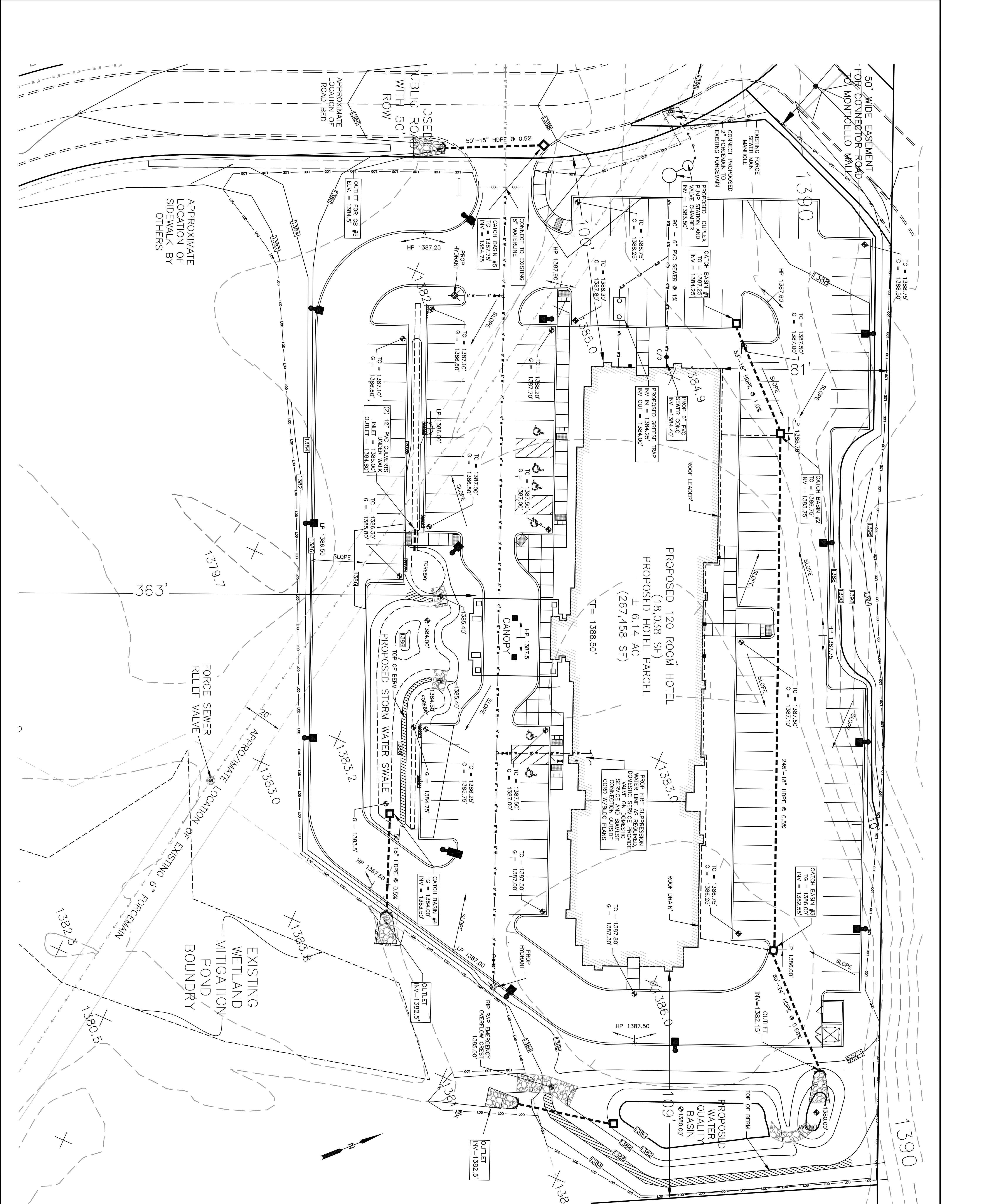
Scale: 1" = 30'

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SHEET 3 OF 14

C102



STORMWATER NOTES:

1. Stormwater Management Facilities shall be regularly maintained to ensure they function at design capacity and to prevent health hazards associated with debris and stagnant water, the privately owned portion of the system must be privately maintained.
2. Responsibility for the operation and maintenance of the stormwater facilities, including periodic removal and disposal of accumulated particulate material and debris, but not limited to the following: Visual inspection of all system components at least twice a year; Vacuuming of all storm sewer inlets once every six months; (frequency may be adjusted to once a year if first year maintenance records indicate that sediment and debris accumulation is insignificant); reverse flushing and vacuuming if the system inspection indicate significant accumulation of sediment in the pipes; and periodic removal and disposal of other material and debris, shall remain with the owner or owners of the property, with permanent arrangements that shall pass to any successive owner, unless assumed by a governmental agency.
3. In the event that the facility becomes a danger to public safety or public health, or it is in need of maintenance, the owner shall effect such maintenance and repair of the facility in a manner that is approved by the Town Engineer or his designee, if the owner fails to perform such maintenance and repair, the Municipality may immediately proceed to do so and shall bill the cost to the owner.

MAP REVISION DATES		
DATE	REVISION	BY

GRADING AND UTILITY

PLAN

FOR

JCA HOTELS

SITUATE - NYS RT. 42

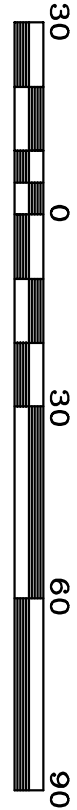
TOWN OF THOMPSON

SULLIVAN COUNTY, NEW YORK

FEBRUARY 2, 2015

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Scale: 1" = 30'



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SHEET 4 OF 14

C103

TREE SCHEDULE			
SYMBOL	SPECIES	COMMON NAME	QUANTITY
	Gleditsia triacanthos	Thornless Honey Locust	0
	Betula nigra	River Birch	0
	Pinus Strobus	White Pine	0
	Picea abies	Norway Spruce	0
SHRUB AND PERENNIAL SCHEDULE			
SYMBOL	SPECIES	COMMON NAME	QUANTITY
	Ilex	China Girl Holly Bush	0
	Spiraea	Unimound Spiraea	0
	Euonymus alatus compacta	Burning Bush	0
	Ilex verticillata	Winterberry	0
	Viburnum dentatum	Arrowwood	0
	Buxus Microphylla Winter Gem	Winter Gem Boxwood	0
	Thuja occidentalis Emerald Advantree	Emerald Advantree	0
	Scirpus cyperinus	Woolgrass	0
	Lobelia cardinalis	Cardinal Flower	0
	Aster novae-angliae	New England Aster	0
	Iris versicolor	Blue Flag Iris	0
	Corex vulpinoidea	Fox Sedge	0
	Deschampsia coespitosa	Tufted Hairgrass	0
	Juniperus horizontalis	Blue Pacific Shore Juniper	0

SEEDING MIX FOR SITE LAWNS				
APPLICATION	SPECIES	% MIXTURE	APPLICATION RATE	FERTILIZER RATE
TEMPORARY	ANNUAL RYE	88.2%	10 LBS./1000 S.Y.	5-5-5 AT 20 LBS./1000 S.Y.
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	88.2%	4 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	79.4%	6 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	83.3%	11 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	83.3%	7.5 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	79.4%	2.0 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1
PERMANENT	PERENNIAL KENTUCKY BLUEGRASS	73.8%	1.0 LBS./1000 S.Y.	800 LBS./1000 S.Y. NOTE 1

1. FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH A SOIL TEST IN THE ABSENCE OF A SOIL TEST. FERTILIZER SHALL BE APPLIED AS FOLLOWS:
A. 10-20-20 MANURES COMMERCIAL FERTILIZER AT 140 LBS./1000 S.Y.

38-0-0 UREA FROM FARM FERTILIZERS AT 50 LBS./1000 S.Y.

B. 32-0-0-0 SOLUBLE COATED UREA FERTILIZERS AT 59-50 LBS./1000 S.Y.

C. 31-0-0-0 IBU FERTILIZER AT 61 LBS./1000 S.Y.

2. ALL SEEDING MIXES SHALL BE MIXED WITH UREA OR STROM APPLIED AT A RATE OF 800 LBS./AC.

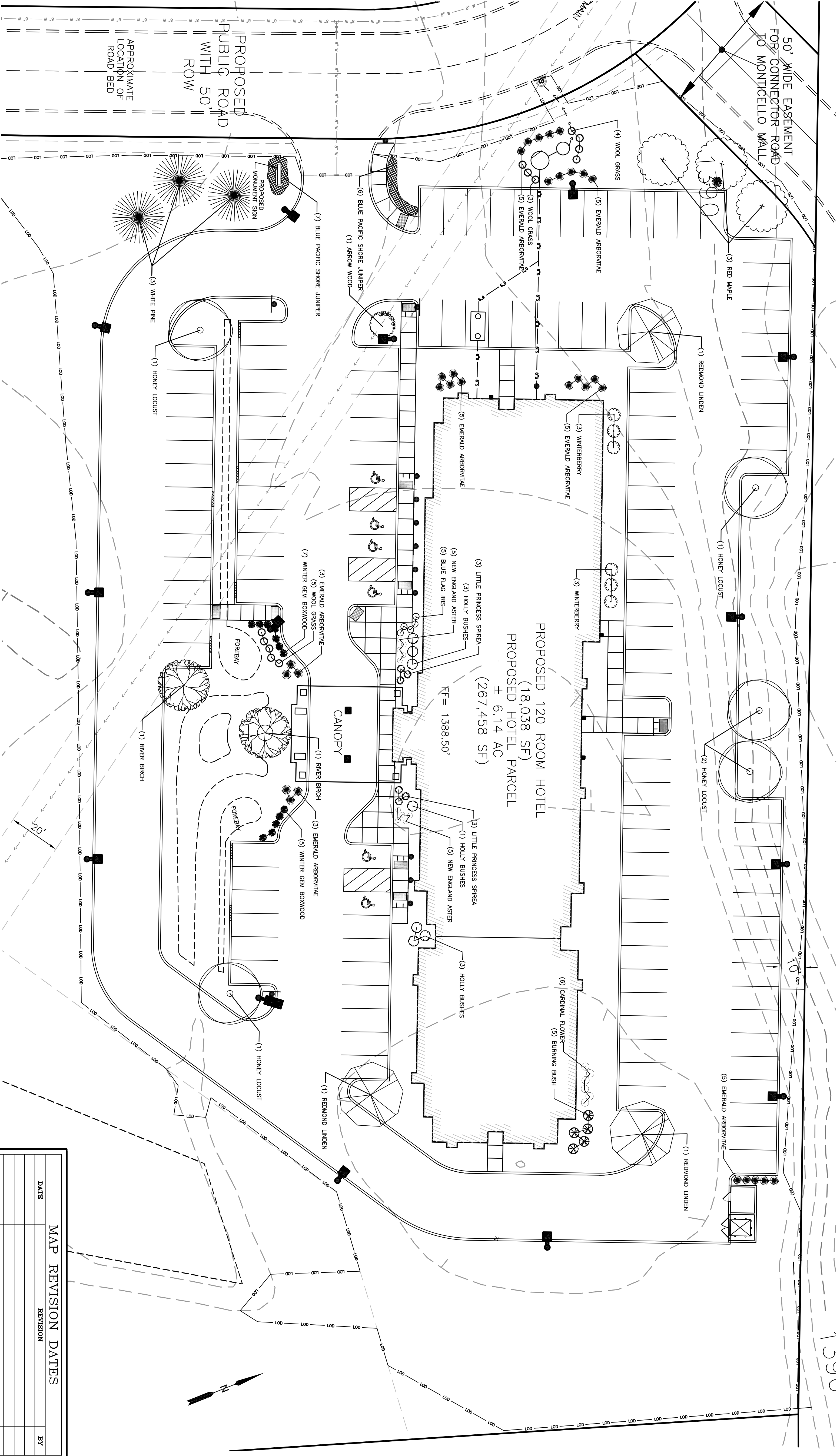
3. ALL MIXES RECEIVING SEEDING SHALL HAVE A MINIMUM OF 6" OF ORGANIC TOPSOIL.

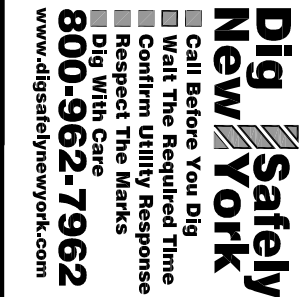
• BALEGRASS MIX: A COMBINATION OF CERTIFIED WHEATIES EACH AT 25% OR LESS OF MIX.

• MINIMUM 20% HANDED AND 80% NORMAL SPROUTS.

SOIL RESTORATION NOTES:

1. Soil restoration shall be applied to all areas on-site to be vegetated or landscaped which were previously covered by impervious surfaces, during the construction phase and prior to final site completion. The soil restoration shall be applied to all areas on-site to be vegetated or landscaped which were previously covered by impervious surfaces, during the construction phase and prior to final site completion. The soil restoration shall be applied to all areas on-site to be vegetated or landscaped which were previously covered by impervious surfaces, during the construction phase and prior to final site completion.
- 1.1. Apply 3 inches of compost cover material.
- 1.2. The compost shall be applied to a depth of 4 inches (12 inches using a subsoiler) and the soil shall be tilled to a depth of 12 inches (12 inches using a subsoiler) and the soil shall be tilled to a depth of 12 inches (12 inches using a subsoiler).
- 1.3. The soil shall be tilled to a depth of 12 inches (12 inches using a subsoiler) and the soil shall be tilled to a depth of 12 inches (12 inches using a subsoiler).
- 1.4. Apply topsoil to a depth of 6 inches.
- 1.5. Vegetation as required by approved plan.
2. At the end of the restoration or inspection should be able to reach a 36" metal bar 12 inches into the soil with body weight.
3. Tilling (step 1, 2 above) should not be performed within the drip line of any existing trees or cover utility installations that are within 24 inches of the surface.





FIXTURES LIGHTING DETAILS
ON SHEET 13

FOR
LIGHTING PLAN

JCA HOTELS

SITUATE - NYS RT. 42
TOWN OF THOMPSON
SULLIVAN COUNTY, NEW YORK
FEBRUARY 13, 2015

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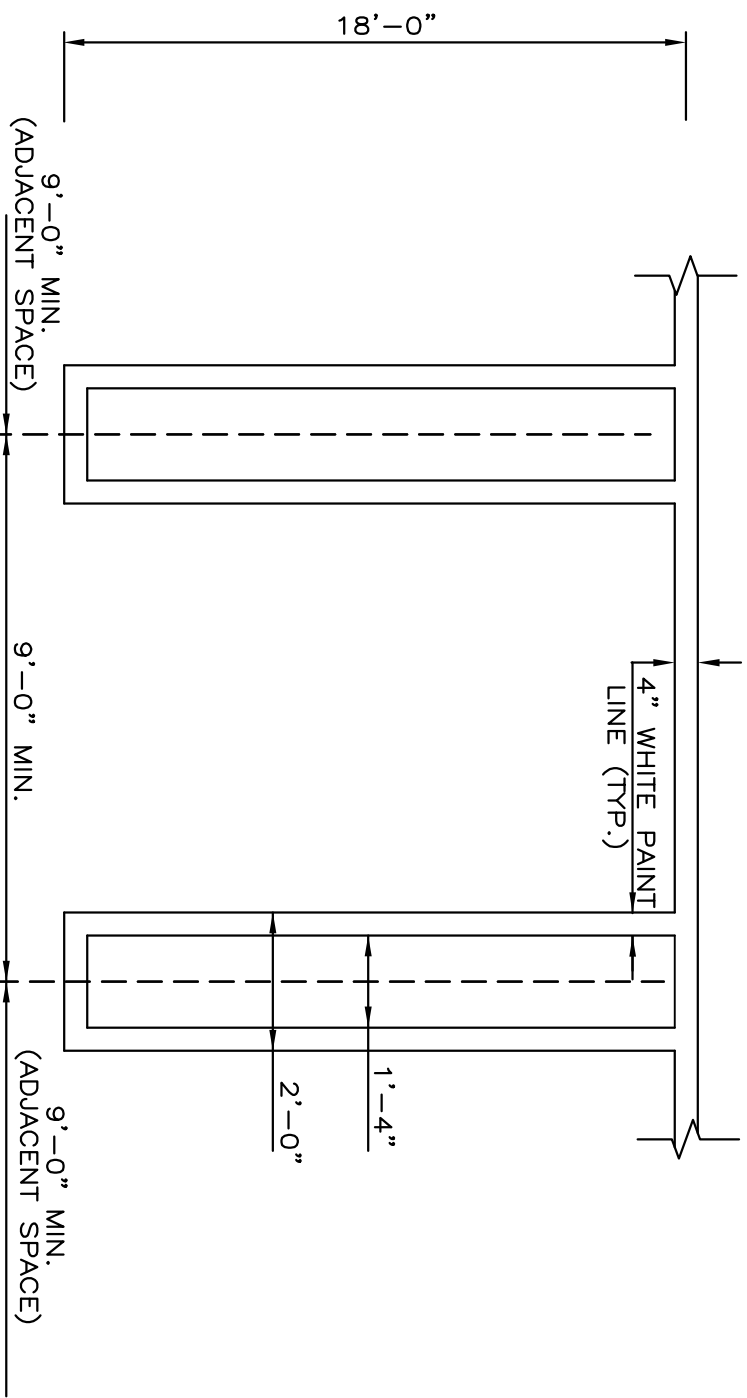
Scale: 1" = 20'

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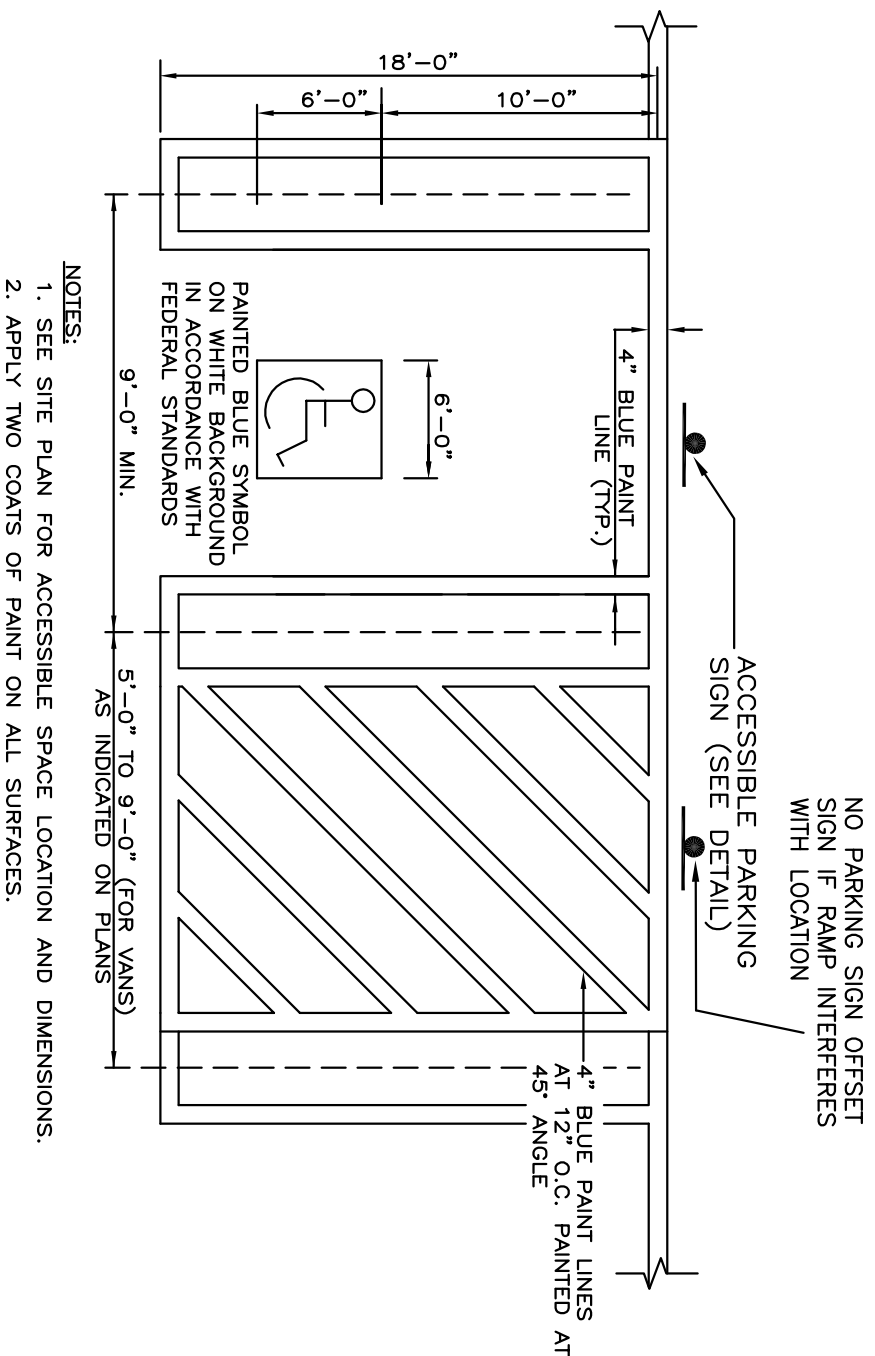
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NEW YORK LIC. NO. 60142

SHEET 6 OF 14

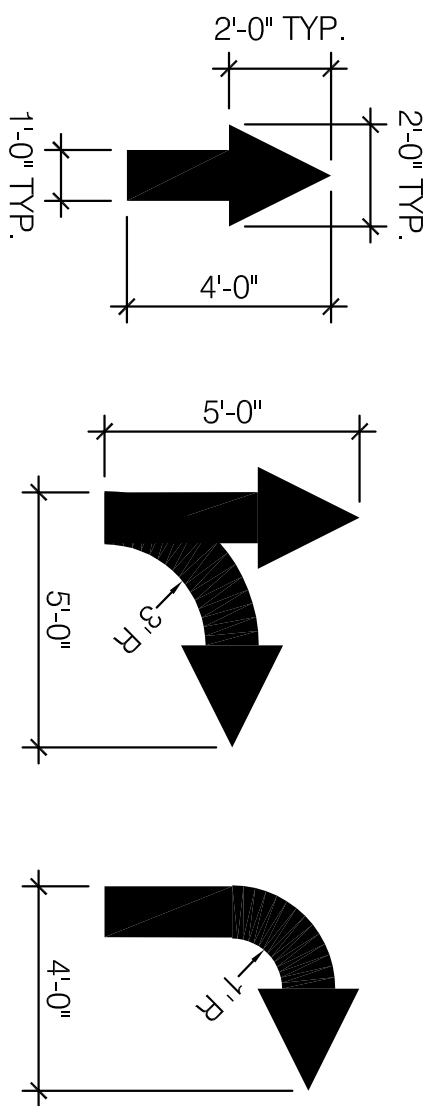
C105



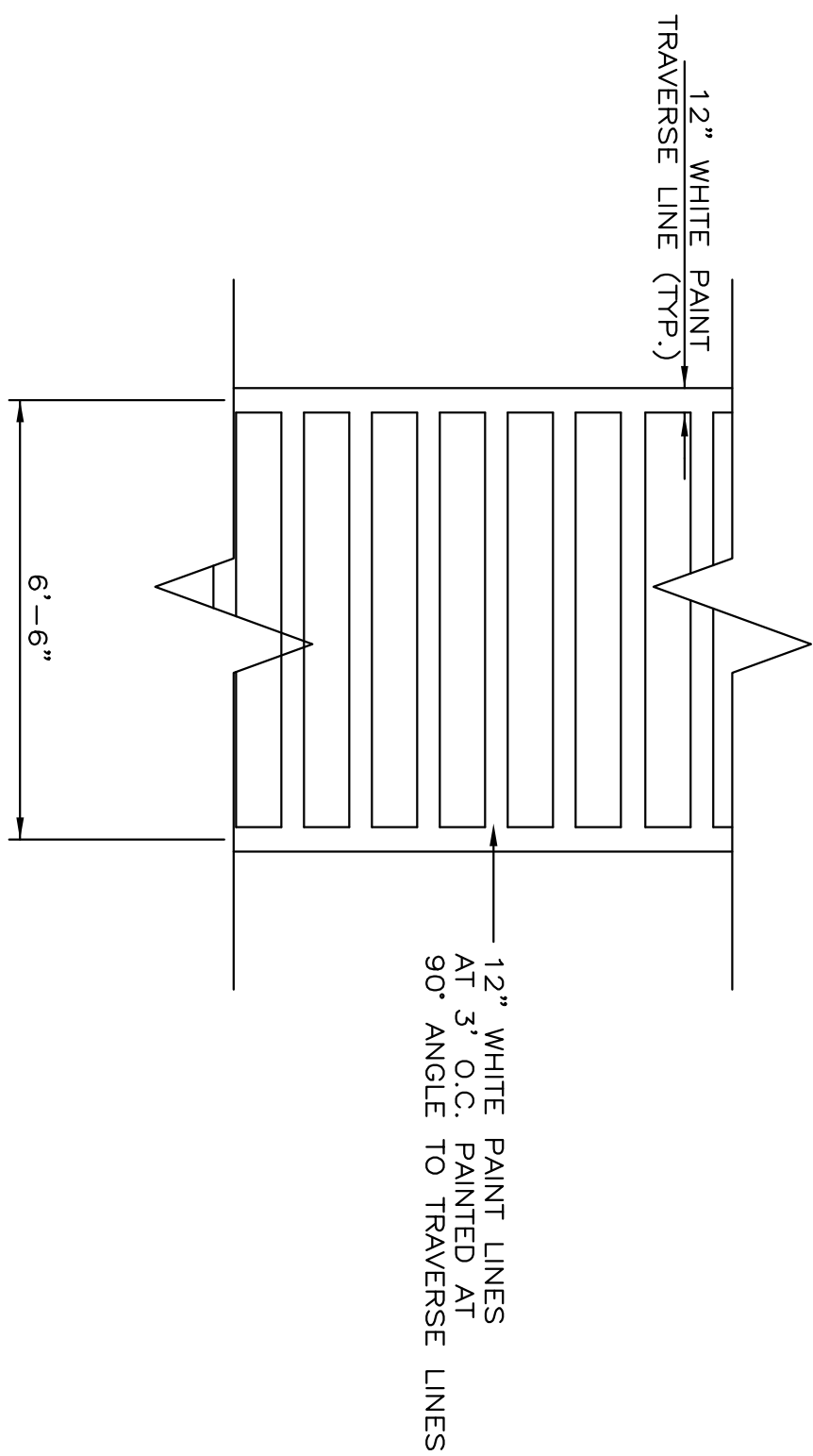
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TYPICAL PARKING SPACE DETAIL
NOT TO SCALE



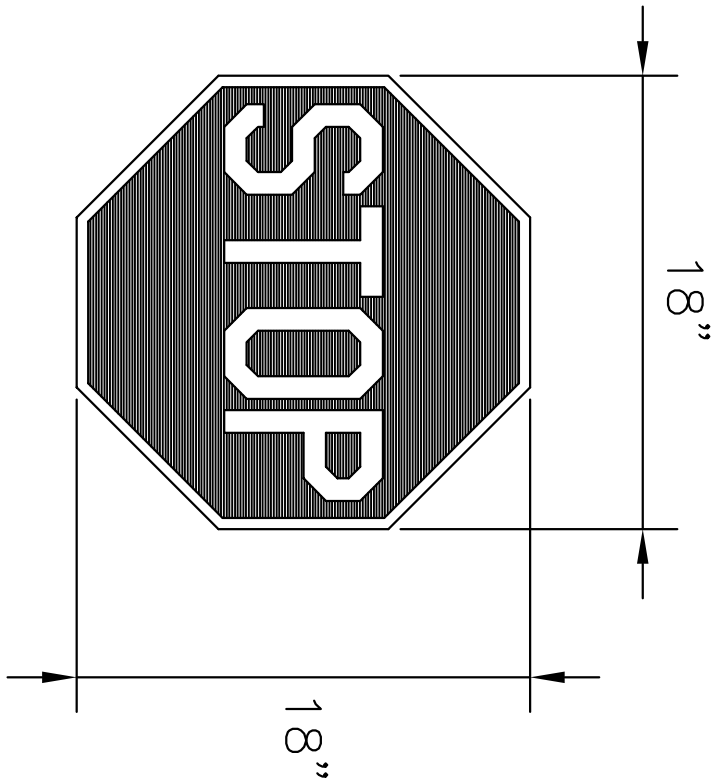
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HANDICAP PARKING SPACE DETAIL
NOT TO SCALE



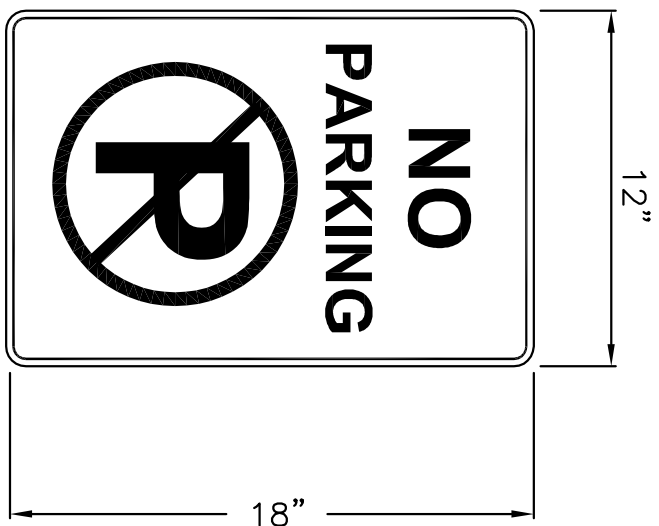
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TYPICAL PAVEMENT MARKINGS
NOT TO SCALE



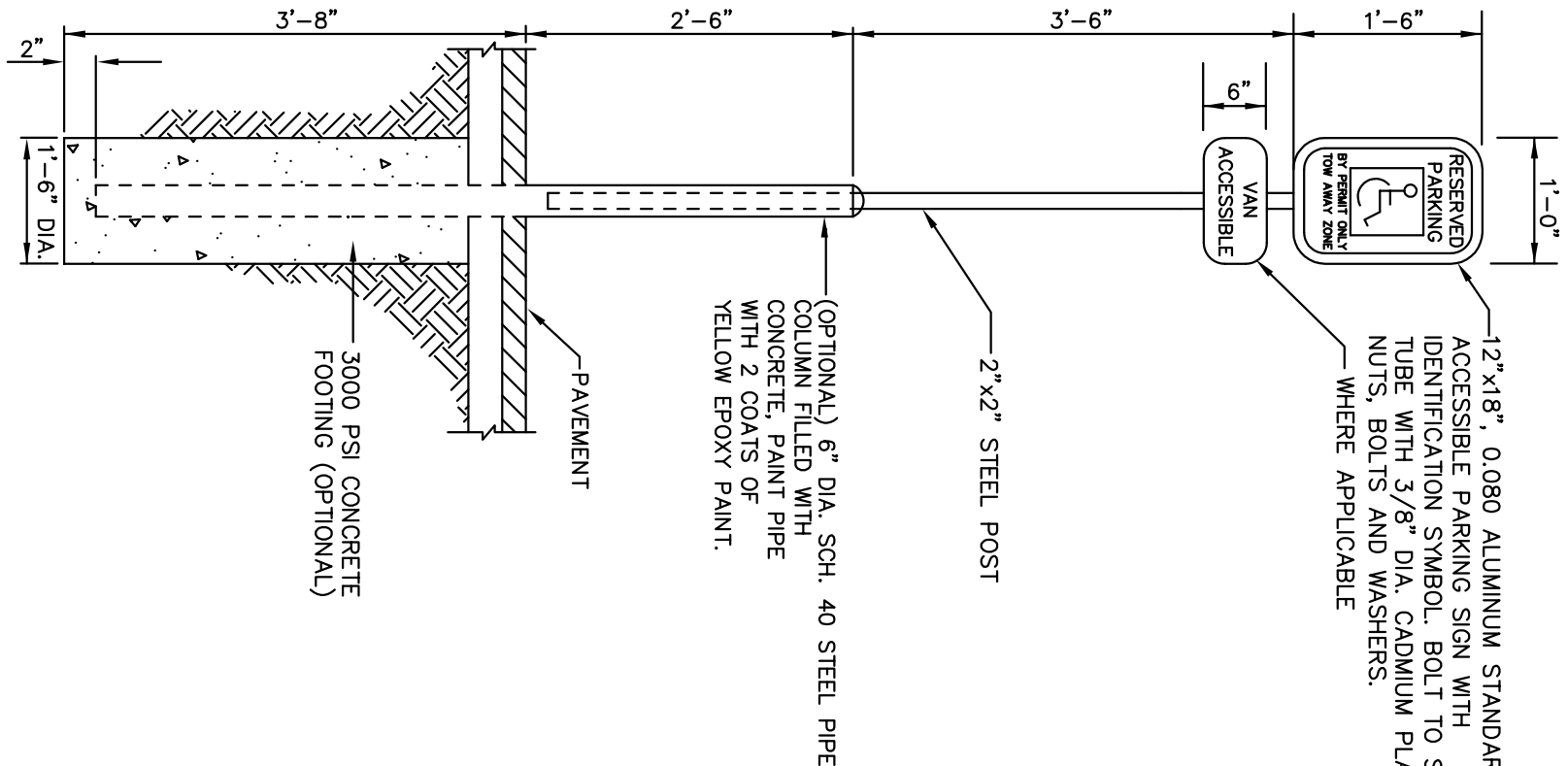
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TYPICAL CROSSWALK PAINTING DETAIL
NOT TO SCALE



6
R1-1A STOP SIGN DETAIL
NOT TO SCALE



7
R3-8 NO PARKING SIGN DETAIL
NOT TO SCALE



8
TYPICAL ACCESSIBLE
PARKING SIGN
NOT TO SCALE

MAP REVISION DATES		BY
DATE	REVISION	

SITE DETAILS

FOR

JCA HOTELS

SITUATE - NYS RT. 42

TOWN OF THOMPSON

SULLIVAN COUNTY, NEW YORK

FEBRUARY 13, 2015

SCALE: AS SHOWN

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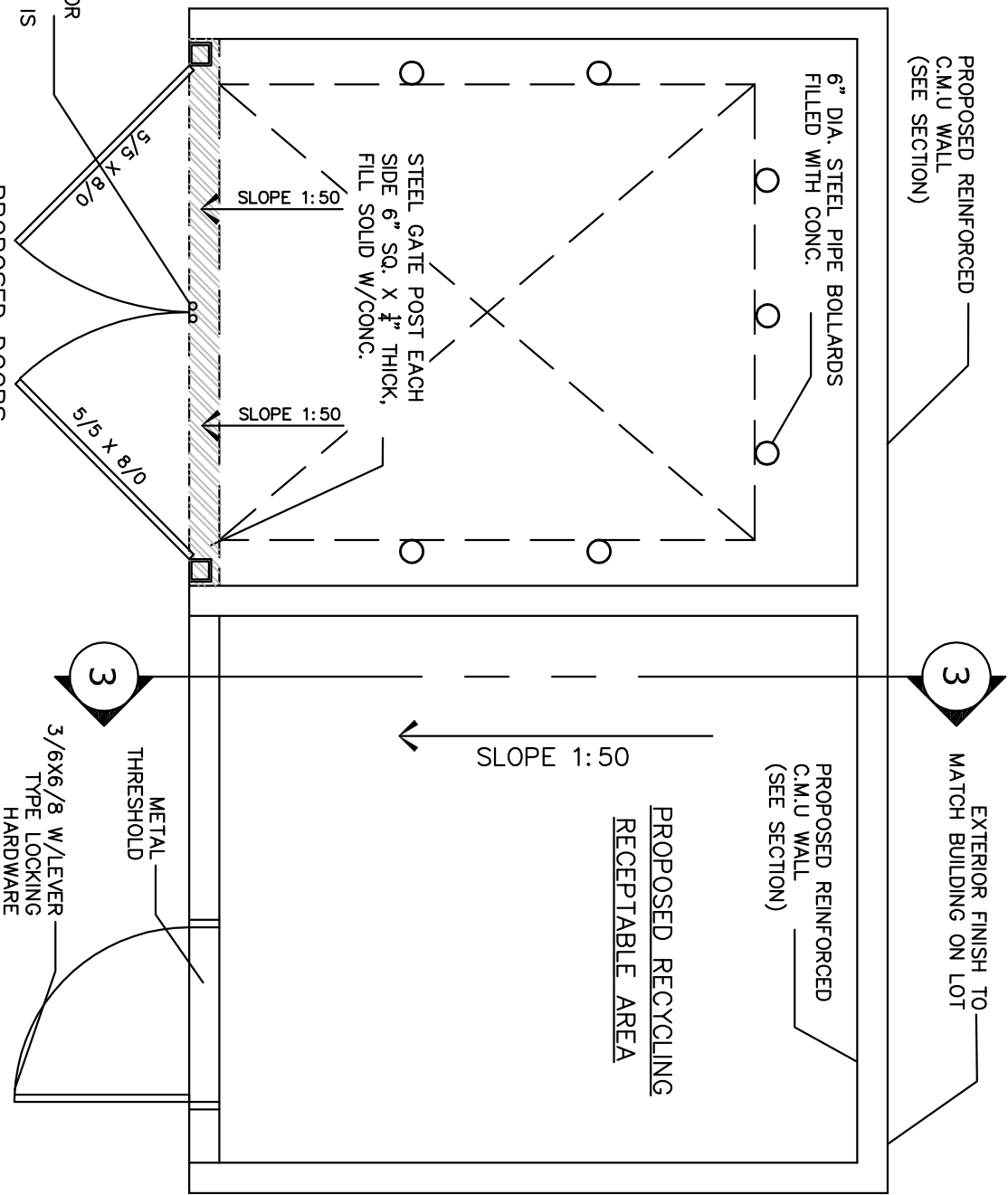
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C500

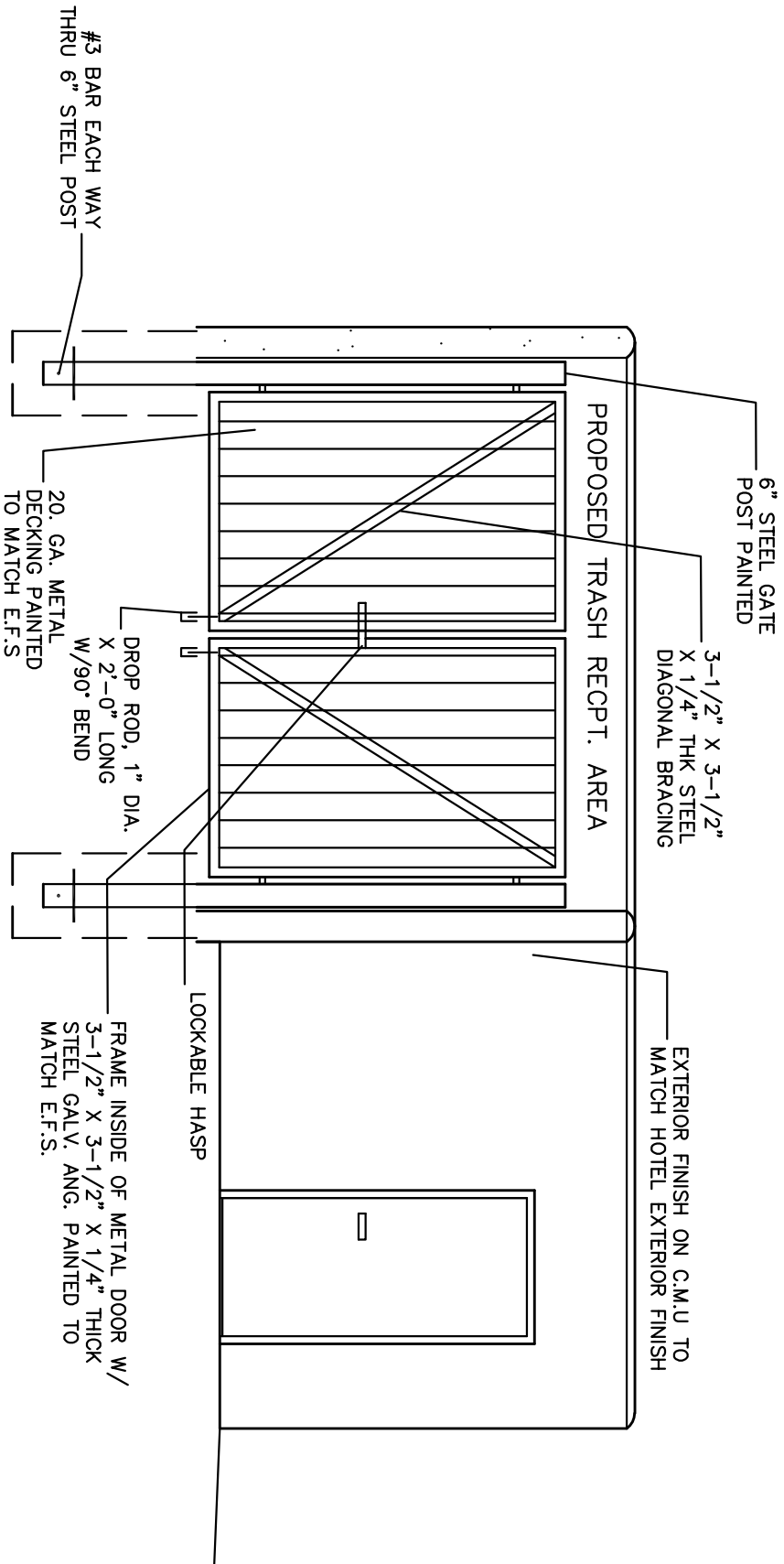
SHEET 7 OF 14



1. VERIFY DRAINAGE REQUIREMENTS WITH HEALTH INSPECTOR
2. SEE SITE PLAN FOR PROPER SHAPE AND SIZE OF STRUCTURES

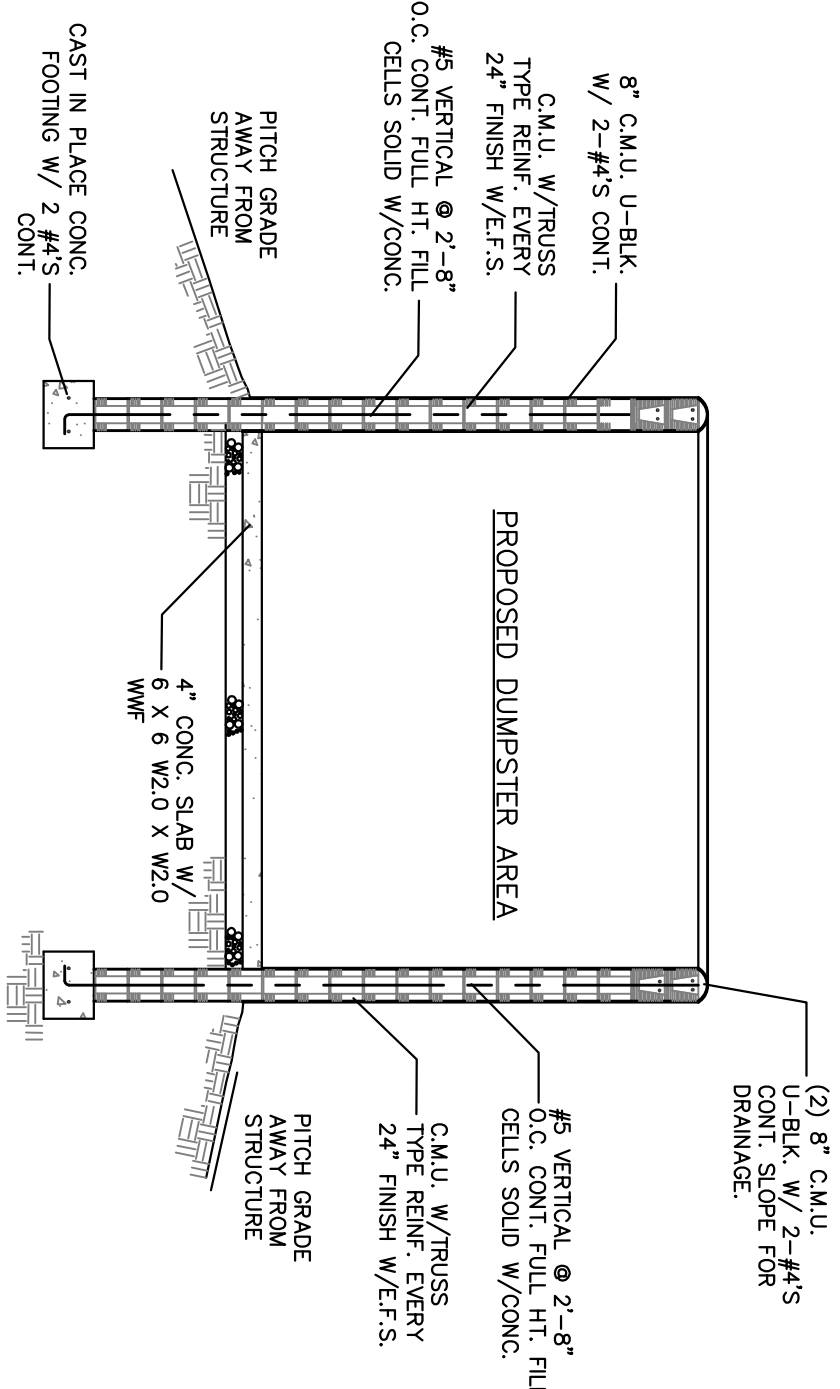
1 DUMPSTER RECEPTACLE SCREEN PLAN

SCALE: NOT TO SCALE



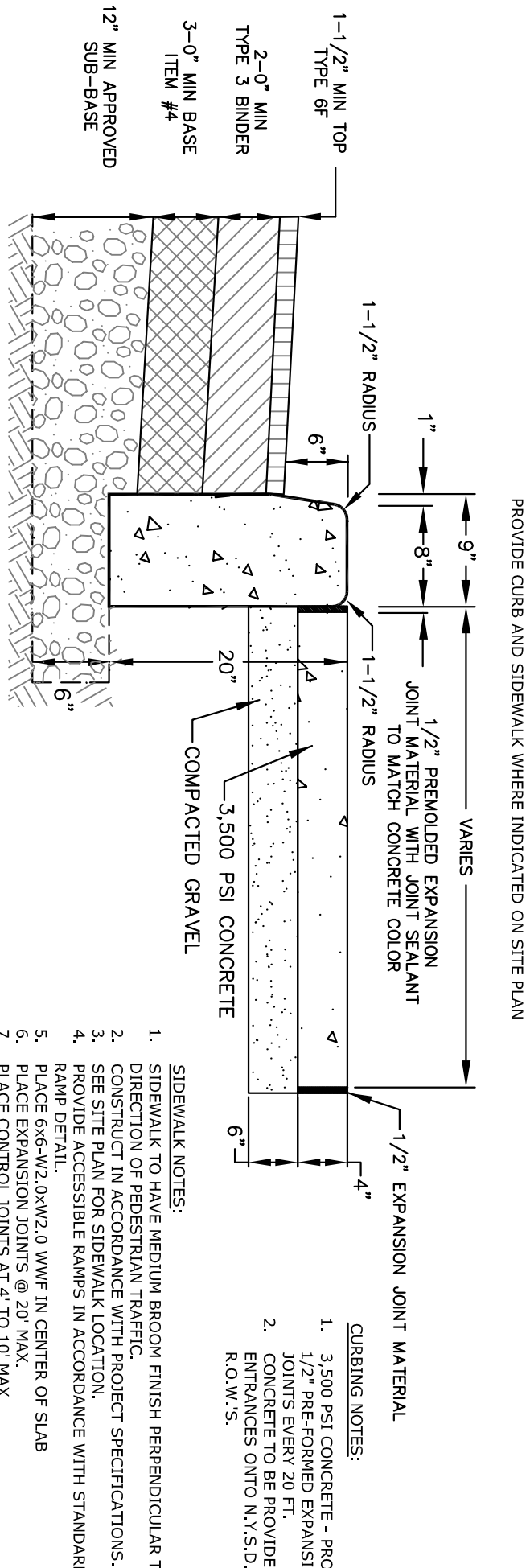
2 DUMPSTER RECEPTACLE SCREEN ELEVATION

SCALE: NOT TO SCALE



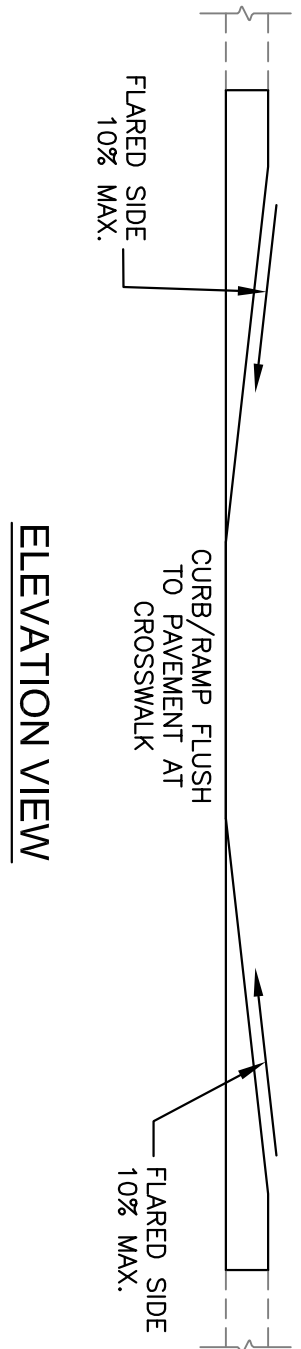
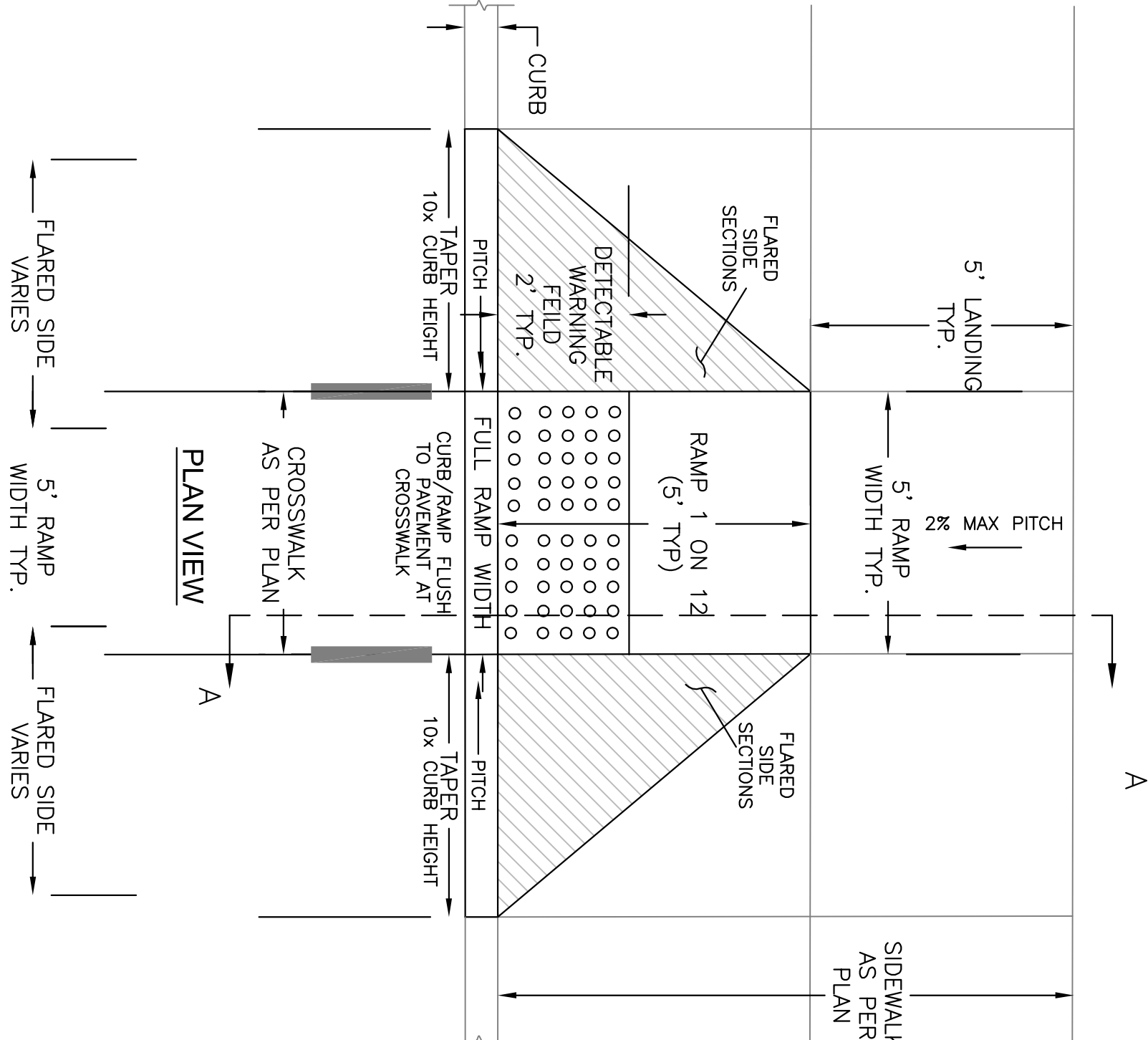
3 DUMPSTER RECEPTACLE SCREEN SECTION

SCALE: NOT TO SCALE



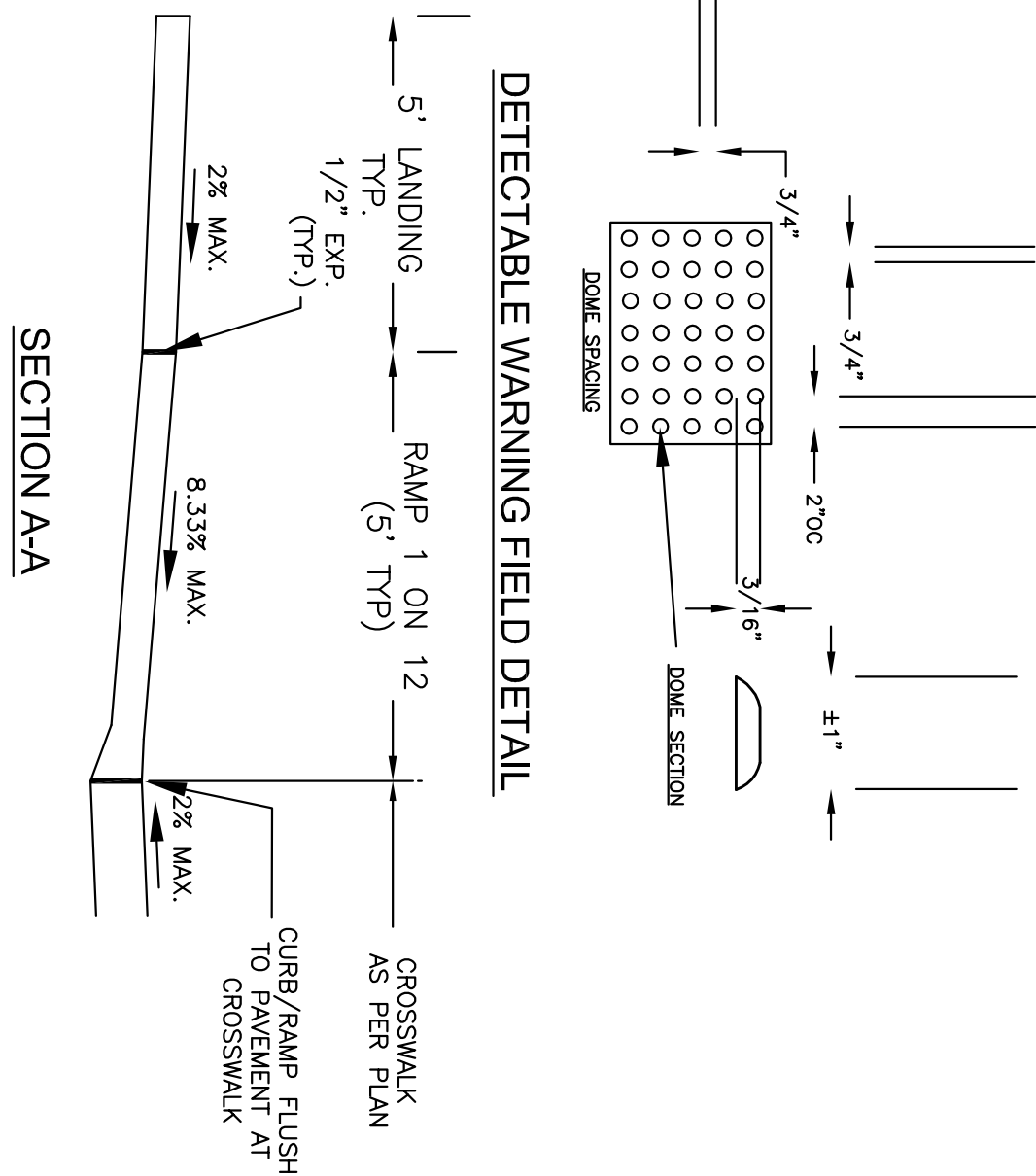
4 SITE PAVEMENT & CONCRETE CURB DETAIL

NOT TO SCALE



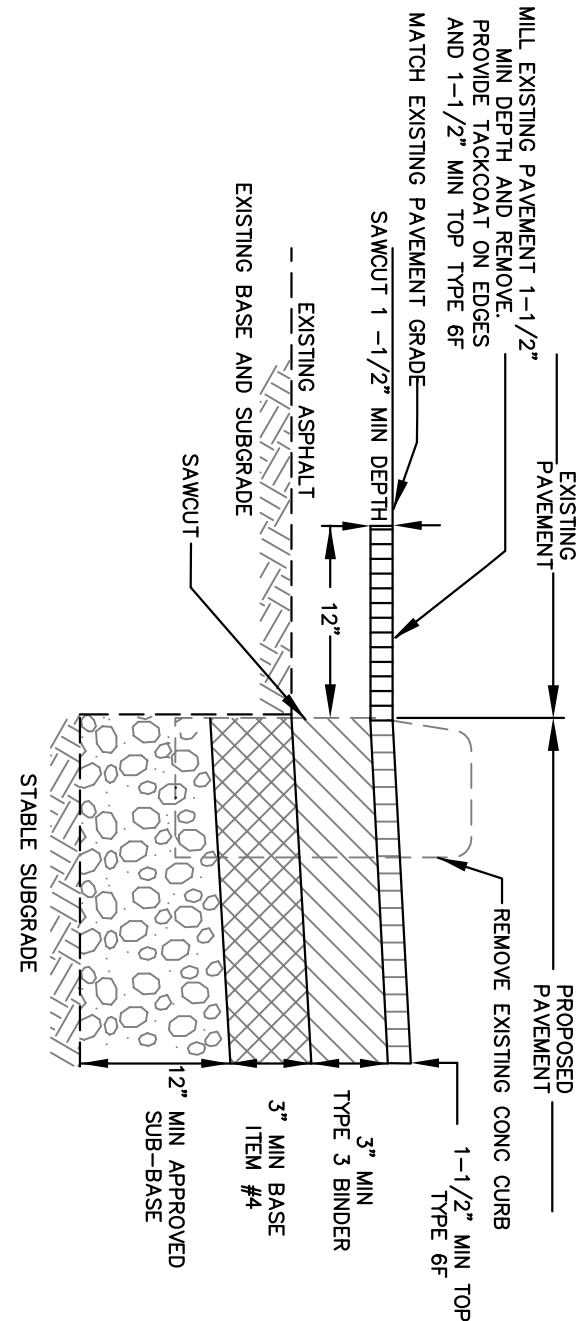
5 DEPRESSED RAMP/DETECTABLE WARNING DETAIL

NOT TO SCALE



Curb Ramp Notes:

1. A curb ramp is defined as the entire concrete surface which includes the ramp & flared sides. The minimum 5' wide center portion, including the detectable surface shall have a sloped side" of the ramp shall lie on a slope of 10% (1:10) maximum measured along the curb. The curb ramp shall have a surface tolerance of 1/4" per 10 foot straight edge maximum.
2. The ramp center line and path of travel should be parallel to the sidewalk whenever possible. The full width of the ramp shall lie within the crosswalk area. It is desirable that the location of the ramp be as close as possible to the center of the crosswalk.
3. Existing utility boxes and covers shall be adjusted flush with the curb ramp surface and shall not straddle any change in plane or material. Existing utility box frames and covers shall have matching surface finish on the entire frame and cover. New utility boxes shall not be placed within the detectable border.
4. The surface of the curb ramp and detectable surface material shall be stable, firm and slip resistant. Detectable warning fields shall visually contrast with adjoining surfaces either light or dark on light. The concrete curb ramp surface shall be broom finished transverse to the axis of the ramp and shall be slightly rougher than the finish of the adjacent sidewalk surfaces.
5. A level landing 5'-0" deep, with a 2% maximum slope in each direction shall be provided at the upper end of each curb ramp to allow safe egress from the ramp surfaces. The width of the level landing shall be at least as wide as the width of the ramp.
6. Seal all joints on sidewalk and ramps. Maximum width of expansion joint is 1/2"



TYPICAL PAVEMENT CONNECTION DETAIL

NOT TO SCALE

MAP REVISION DATES		
DATE	REVISION	BY

SITE DETAILS CONTINUED

FOR
JCA HOTELS

SITUATE – NYS RT. 42
TOWN OF THOMPSON
SULLIVAN COUNTY, NEW YORK
FEBRUARY 13, 2015

SCALE: AS SHOWN

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General Utility Notes and Specifications:

General Provisions:

- All construction activities shall be in compliance with municipal, county state and federal regulations.
- The protection of adjacent properties or areas on site that are not to be disturbed during construction, shall be the responsibility of the contractor.
- Any conditions encountered in the field differing from those shown hereon, shall be reported to the design engineer before construction is to proceed.
- Exploratory excavations shall be performed as needed at all utility connection locations. By the contractor to verify existing conditions prior to work. Before connecting to existing utilities, verify existing utility inverts and notify the engineer if any deviation from the plan is required.
- Where underground or overhead obstructions are encountered in the work, the contractor shall assume the cost for direct or indirect injury to them. Any valve box, valve pit, water service, water main, catch basin, manhole etc. whether or not shown on the drawings shall be protected from damage.
- The contractor shall maintain service for all existing utilities until no longer necessary.
- All trenching and shoring shall adhere to OSHA guidelines.
- Contractor shall comply with all the requirements of the SPDES General Permit for Stormwater Discharges from Construction Activity, GP-0-15-002. A current copy of the Stormwater Pollution Prevention Plan (SWPPP) shall be kept on site at all times. Contractor is responsible for obtaining and maintaining the permit. The permit shall be reviewed by a qualified inspector such as the design engineer to perform such inspections.

Excavation and Earthwork:

- Prior to site disturbance the contractor shall install required erosion & sediment control measures.
- Strip all topsoil prior to accomplishing earthwork operations. Topsoil may be stored and reused in lawn and planting areas only.
- Excavation shall be carried to the lines, grades and slopes shown on the approved plans. All final earthwork shall be smoothly and evenly finished to existing conditions.
- Remove all vegetation, trees, stumps, grasses, organic soils, debris and deleterious materials from excavated soils to be reused as fill onsite.
- Where unstable or unsuitable material is encountered at the prescribed bottom grade of the trenches it shall be removed.
- Contractor shall be responsible for dewatering utility trenches and excavations and for the maintenance of surface drainage during the course of the work.
- After final grading the contractor shall reapply stockpiled top soil on all lawn and planting areas. Topsoil shall be evenly spread a minimum of 4 (four) inches over all planting areas. The contractor shall ensure that the topsoil is applied in a manner that does not create a condition as before being disturbed.

Utility Bedding and Backfill:

- Selected bedding (as specified on the utility typical trench sections hereon) shall be provided for the construction of pipe foundations at those locations where the foundations or excavated trench walls are not suitable for the intended use. The bedding shall be placed in a manner that is suitable for the intended use. The bedding shall be placed in a manner that is suitable for the intended use. The bedding shall be placed in a manner that is suitable for the intended use.
- All suitable back fill material shall be placed in layers not exceeding twelve (12) inches in depth. (loose masses), and shall be thoroughly tamped and compacted to a minimum density of 95% standard ASTM D 1557 (Proctor) as amended) compacting test. Compacting equipment shall be of a suitable type for the volume of back filling specified.

Drainage:

- All storm sewer pipe shall be smooth interior HDPE pipe unless noted otherwise.
- HDPE end sections shall be provided on all drainage pipe inlets or outlets not connected to catch basins or other drainage structures. All outlets shall also be stabilized with rip-rap as per plans.
- All concrete catchments shall be per cast concrete to the specifications and dimensions shown hereon. Frames and grates shall be grey iron or ductile iron. Grey iron shall conform with ASTM A 247. Frames and grates shall be installed in a manner that is suitable for the intended use. The frames and grates shall be installed in a manner that is suitable for the intended use. The frames and grates shall be installed in a manner that is suitable for the intended use.
- The gutters and ditches shall be kept open at all times for surface drainage. No damming or ponding of water, in gutters or other waterways will be permitted except where the engineer shall consider it necessary.
- The transport of soils to the drainage system shall be avoided during and after construction.
- All exposed soils shall be stabilized with vegetation, stone or as directed by the engineer.
- Methods used to control soil erosion and sediment control shall be in accordance with the approved soil erosion and sediment control plan or as directed by the engineer. Contractor shall comply with all the requirements of the SPDES General Permit for Stormwater Discharges from Construction Activity, GP-0-15-002. A current copy of the Stormwater Pollution Prevention Plan (SWPPP) shall be kept on site at all times. Contractor is responsible for obtaining and maintaining the permit. The permit shall be reviewed by a qualified inspector such as the design engineer to perform such inspections.

MAP REVISION DATES			BY
DATE	REVISION		

DRAINAGE DETAILS

FOR

JCA HOTELS

SITUATE - NYS RT. 42

TOWN OF THOMPSON

SULLIVAN COUNTY, NEW YORK

FEBRUARY 13, 2015

SCALE: AS SHOWN

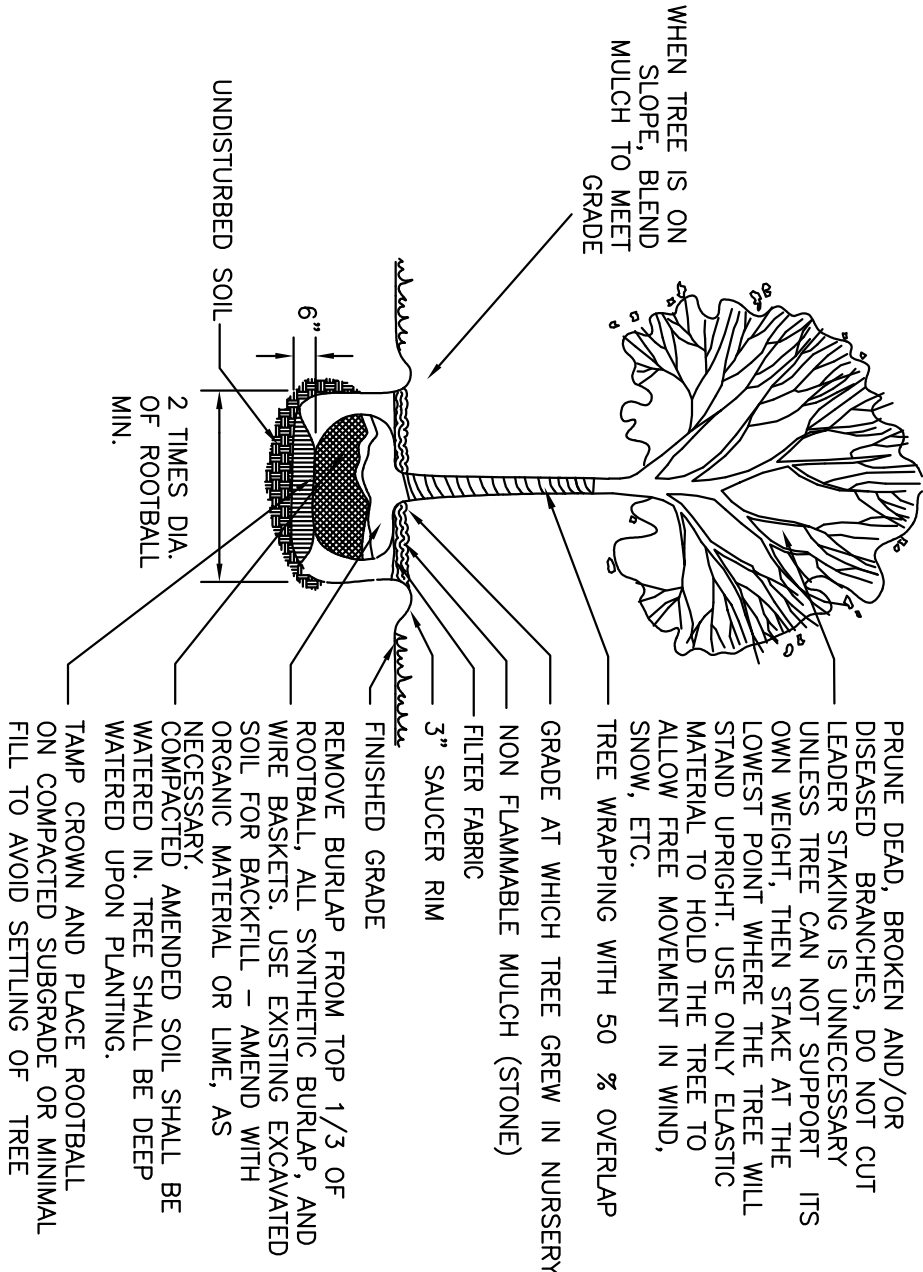
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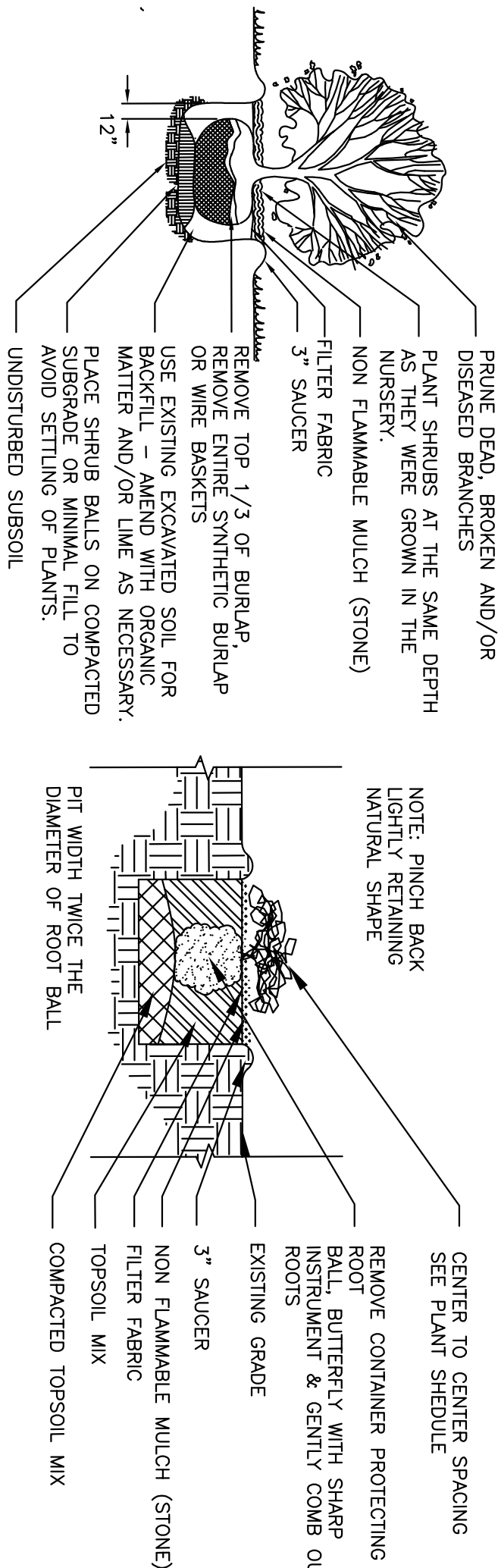
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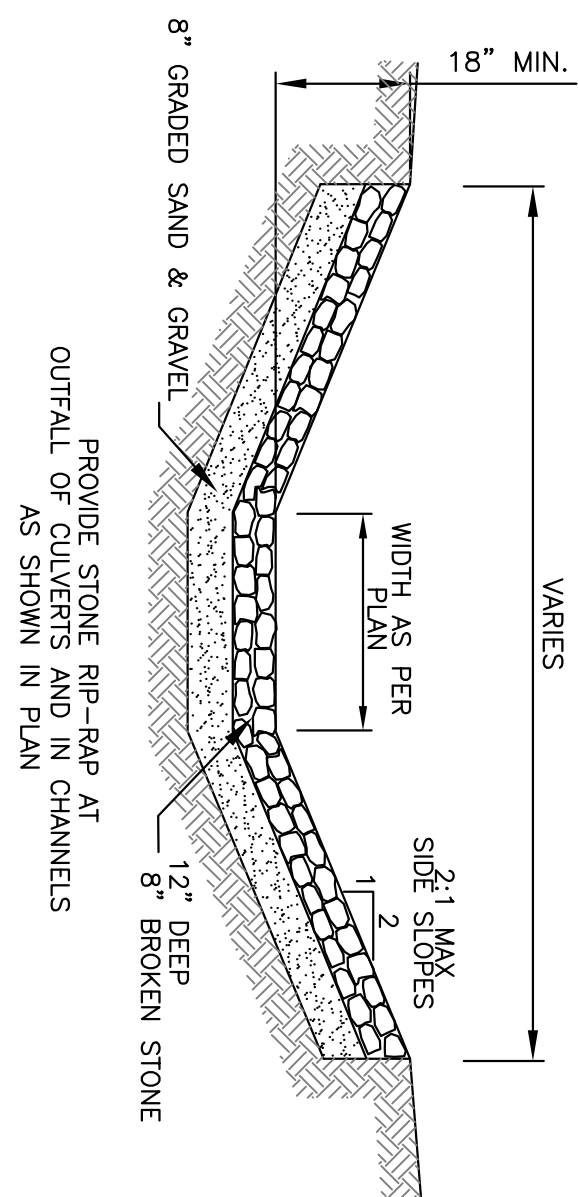
5 TYPICAL TREE PLANTING DETAIL

NOT TO SCALE



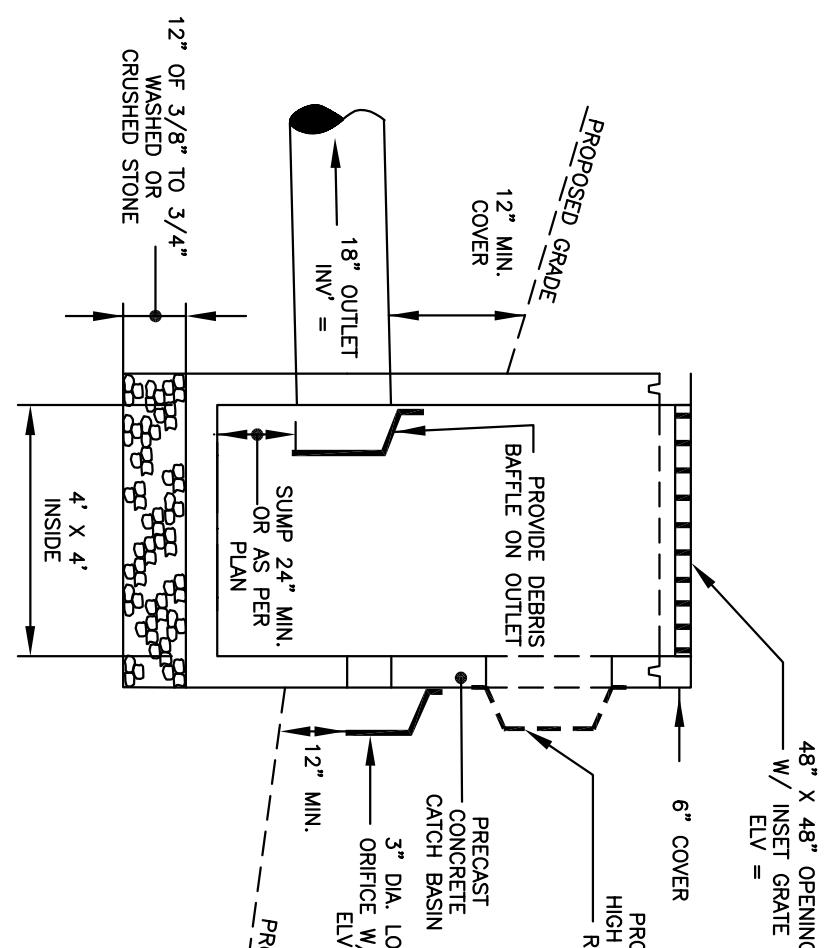
6 TYPICAL SHRUB PLANTING DETAILS

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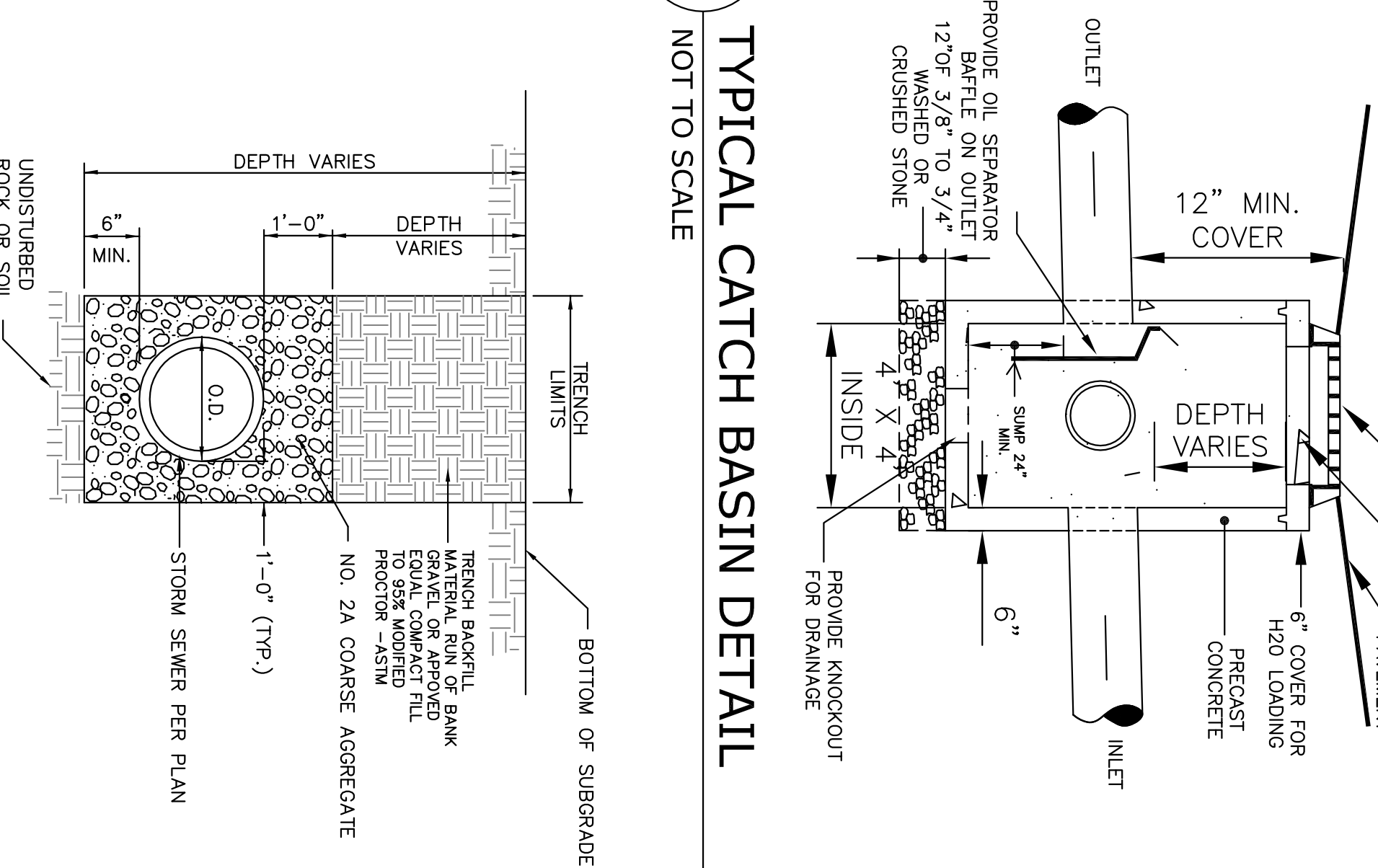
4 RIP RAP PROTECTION TYPICAL-SECTION

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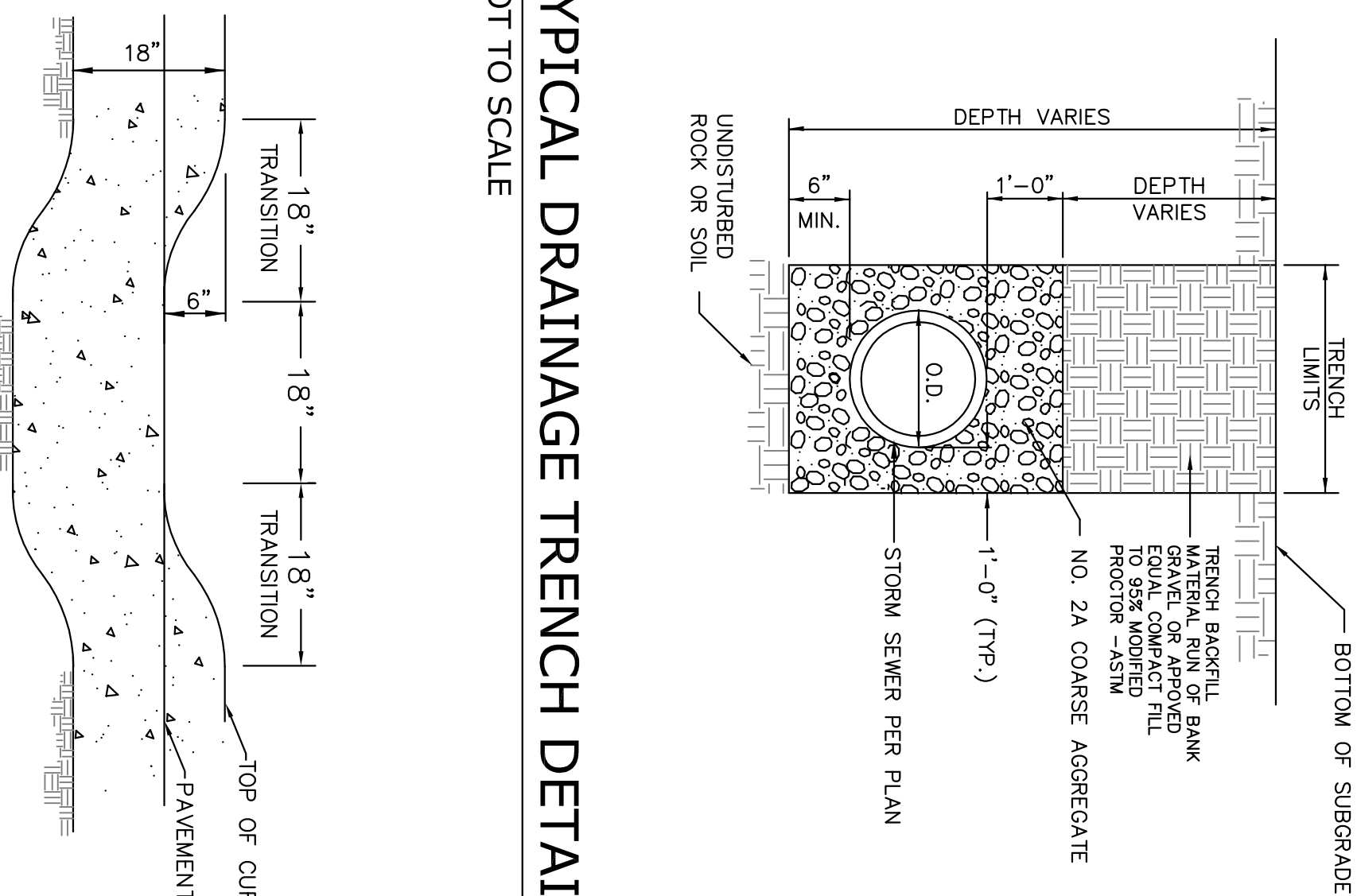
3 WQO OUTLET STRUCTURE

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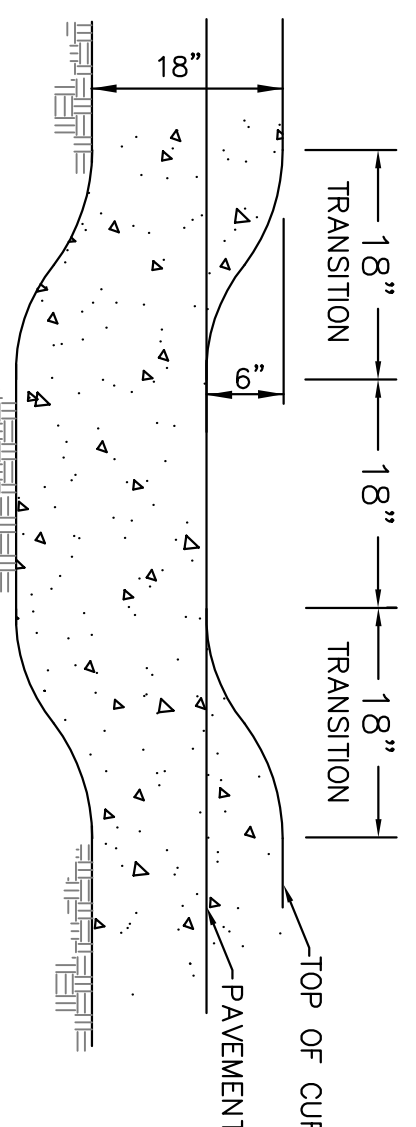
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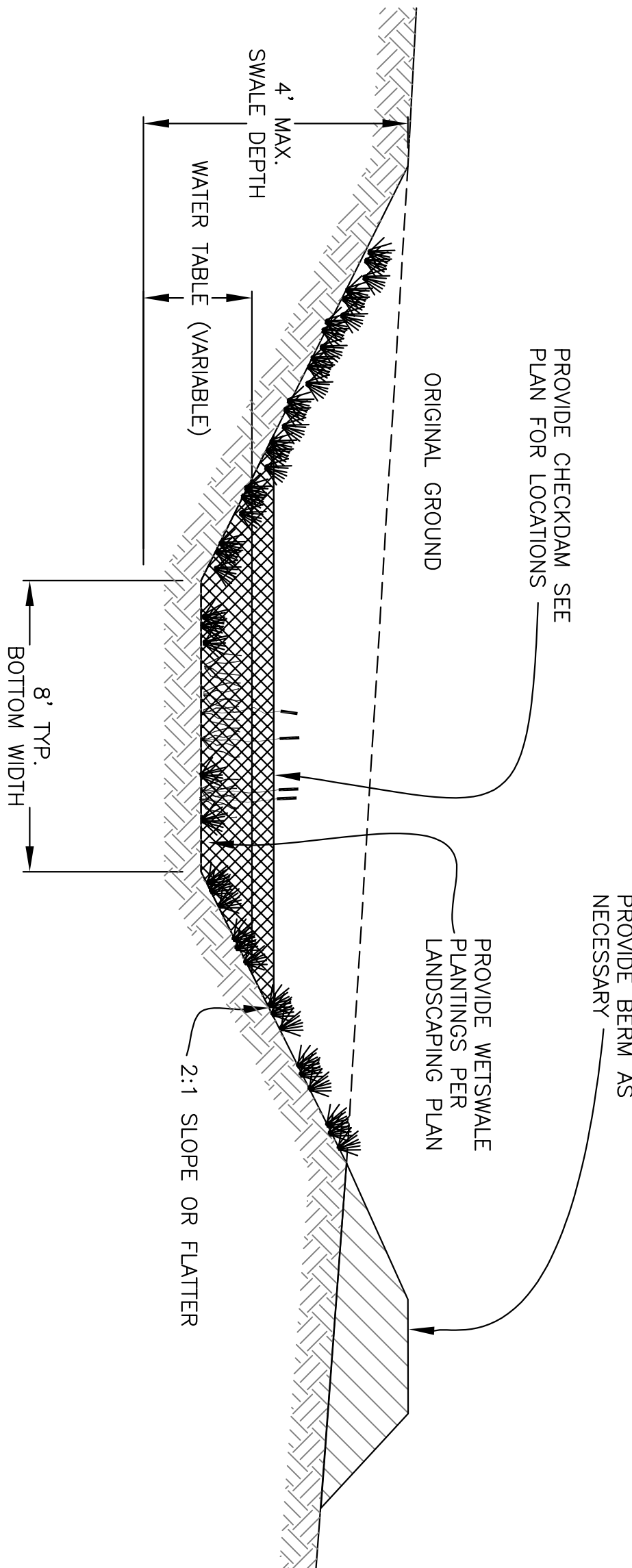
2 TYPICAL DRAINAGE TRENCH DETAIL

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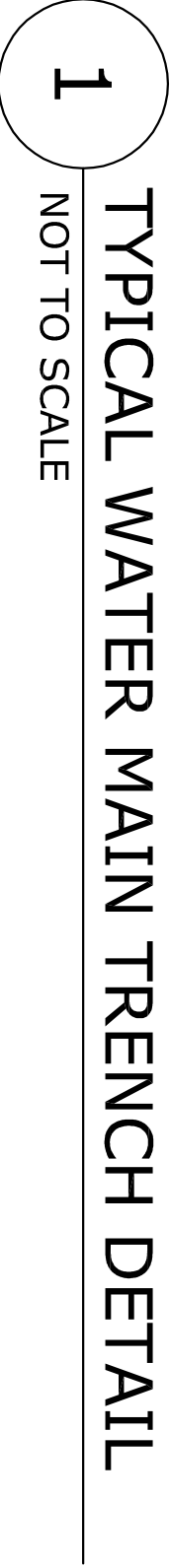
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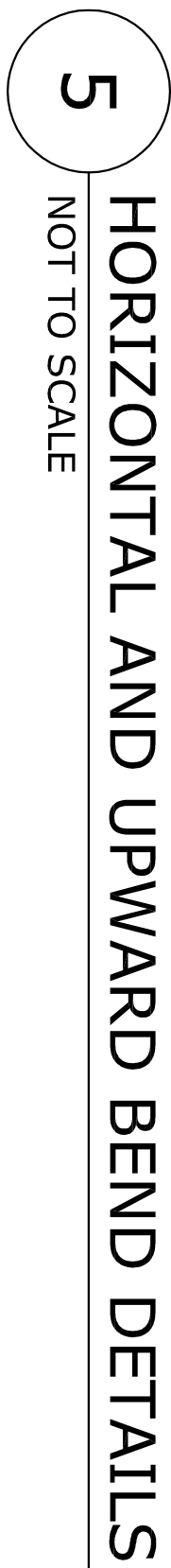


5 WET SWALE TYPICAL SECTION

NOT TO SCALE

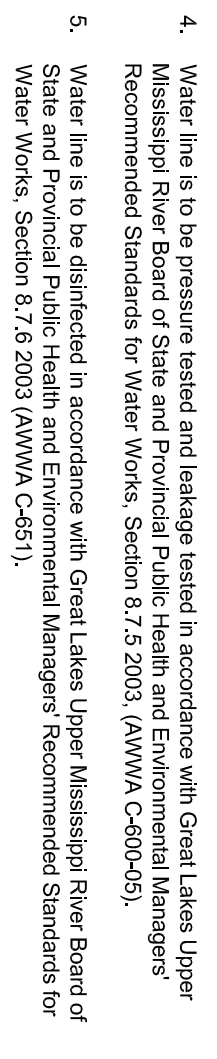
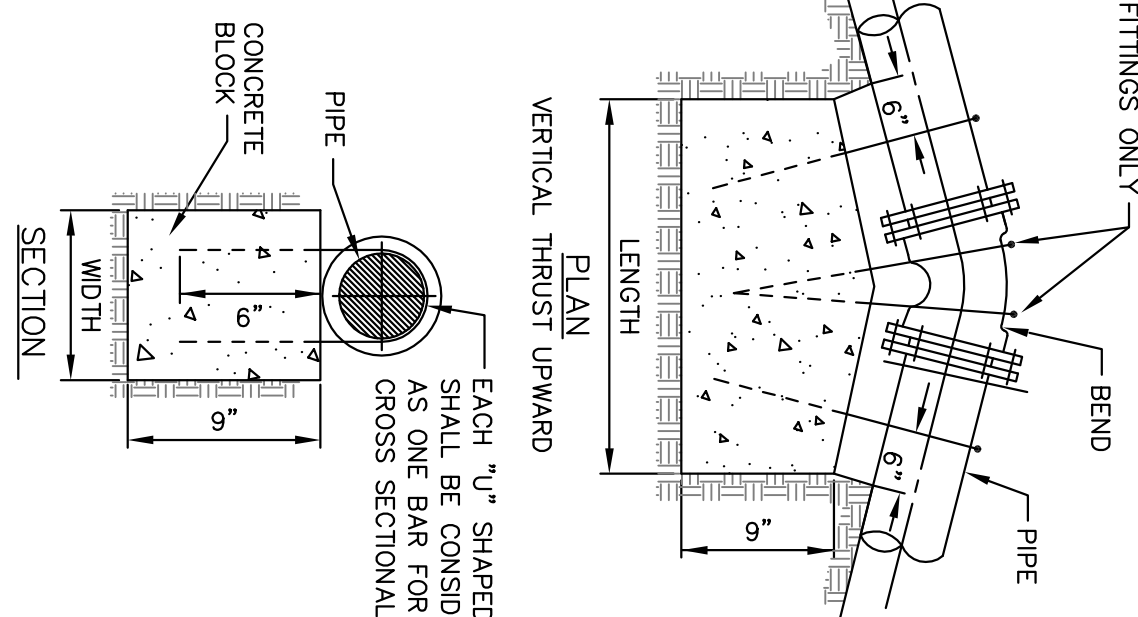
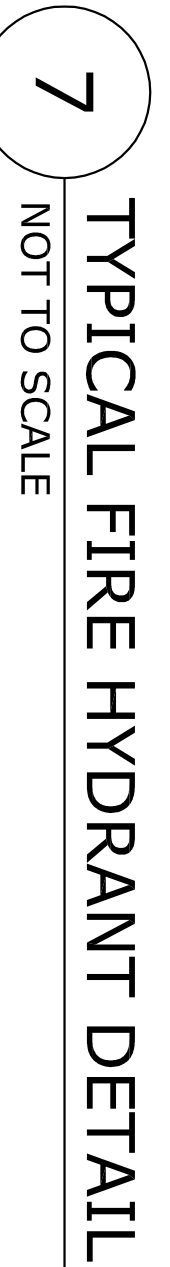


11-1/4" BENDS				
Size	3"-6"	8"	10"	12"
A	9"	12"	15"	18"
B	9"	12"	15"	18"
C	10"	12"	14"	16"
D	5"	6"	8"	9"



11-1/4" BENDS			
Size	3"-6"	8"-10"	12"
Length	24"	24"	24"
Width	24"	24"	30"
Rod	#3	#5	#6

7 TYPICAL FIRE HYDRANT DETAIL
NOT TO SCALE



1. After trench has been backfilled, hydrostatic acceptance tests, consisting of a pressure test and a leakage test shall be performed on all sections of water mains installed; leakage test shall be conducted concurrently with pressure test. Test section shall be limited to about 2000 ft (max.) unless otherwise approved by the engineer.

2. After all tests and inspections have been performed evidence of compliance shall be forwarded to owner/engineer prior to acceptance.

Source and/or quality of water which the contractor proposes to use in testing lines shall be acceptable to the engineer

4. For the pressure test, system shall be pressurized and maintained at a minimum of 150 psi, or 1.5 times the working pressure, whichever is greater. Based on the elevation of the lowest point in the section being tested and connected to the elevation of the high gauge, provisions shall be made to relieve air trapped at high points in the system through independent hydrophobic or through traps and corporation stops installed for this purpose by the contractor. After test pressure has been maintained successfully, with turn pumping as required, for a period of at least two hours, the section under test shall be considered to have passed the pressure test.

5. Leakage test shall be performed concurrently using a minimum test pressure of 150 psi, for 1.5 times the working pressure, whatever is greater. Based on the elevation of the lowest point in the section under test and corrected to elevation of the gauge, leakage test duration shall be a minimum of 2 hours after leakage rate has stabilized.
6. Maximum allowable leakage shall be as shown in the following table: allowable leakage per 1000 ft of pipeline per hour (gph).

Avg Test Pressure (PSI)	Nominal Pipe Size, Inches	
	2.0 (60)	2.5 (75)
250 (18)	0.32	0.44
200 (15)	0.30	0.40
150 (12)	0.28	0.35
100 (8)	0.26	0.30
50 (4)	0.20	0.25
400 (26)	0.38	0.50
350 (24)	0.36	0.48
300 (20)	0.34	0.46
275 (19)	0.25	0.35
250 (17)	0.24	0.34
225 (15)	0.22	0.32
200 (14)	0.21	0.31
175 (12)	0.20	0.30
150 (10)	0.18	0.28
125 (9)	0.17	0.27
100 (7)	0.15	0.25

1. Water from an approved source of supply shall be made to flow at a constant rate in to the newly installed water main.
2. Water entering the new main shall receive a dose of chlorine gas at a constant rate such that the water will not have less than 25 mg/l free chlorine.
3. Measure chlorine concentration at designated intervals. Chlorine application shall not cease until the entire main is filled with chlorinated water. The chlorinated water shall be retained for a minimum of 24 hours. The treated water in all portions of the main at the end of the 24 hour period shall have a residual of not less than 1 mg/l free chlorine.
4. After all tests and inspections have been performed evidence of compliance shall be forwarded to owner/engineer prior to acceptance.

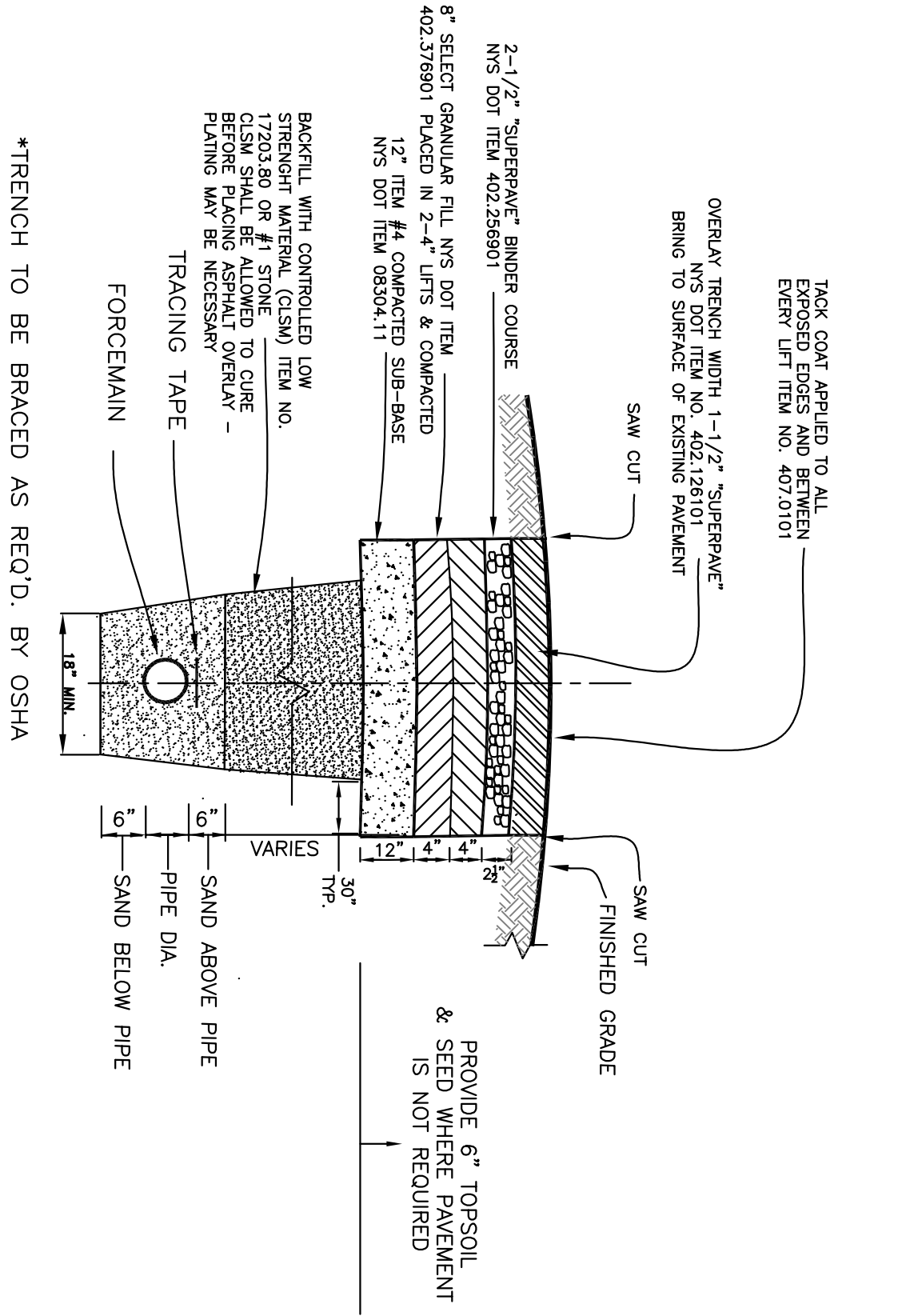
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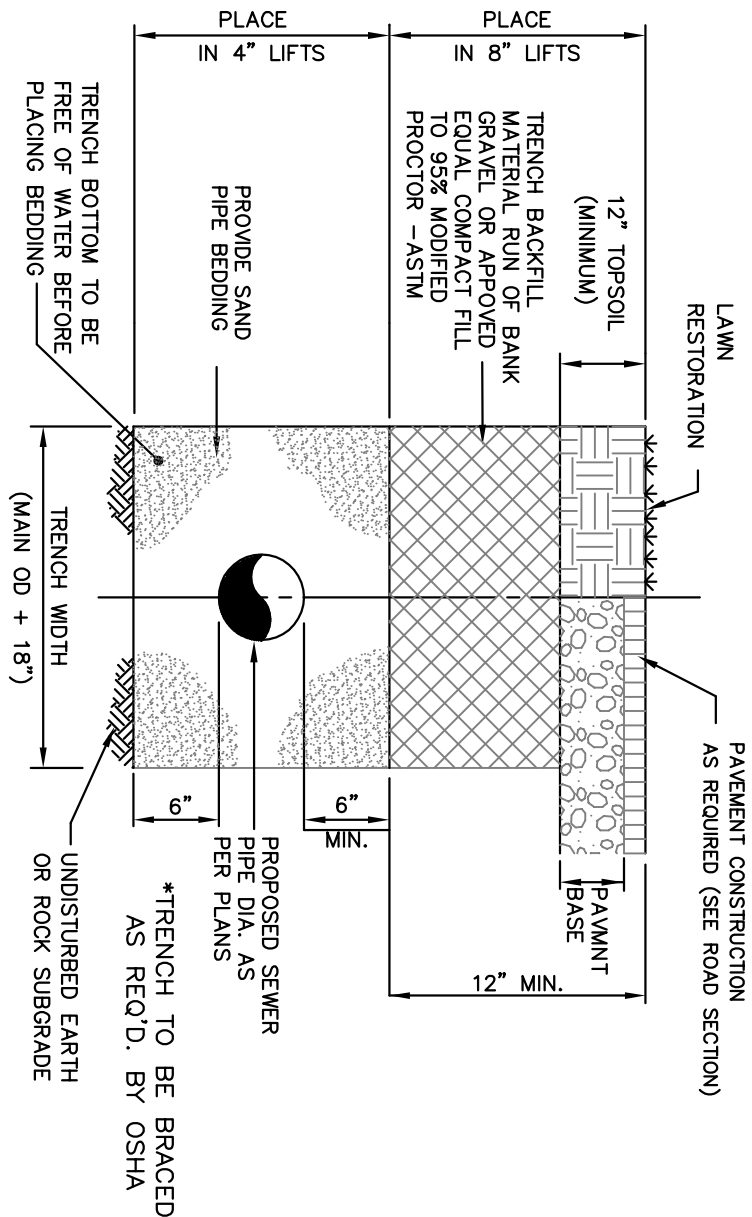
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- Wait The Required Time
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- Respect The Marks
- Dig With Care

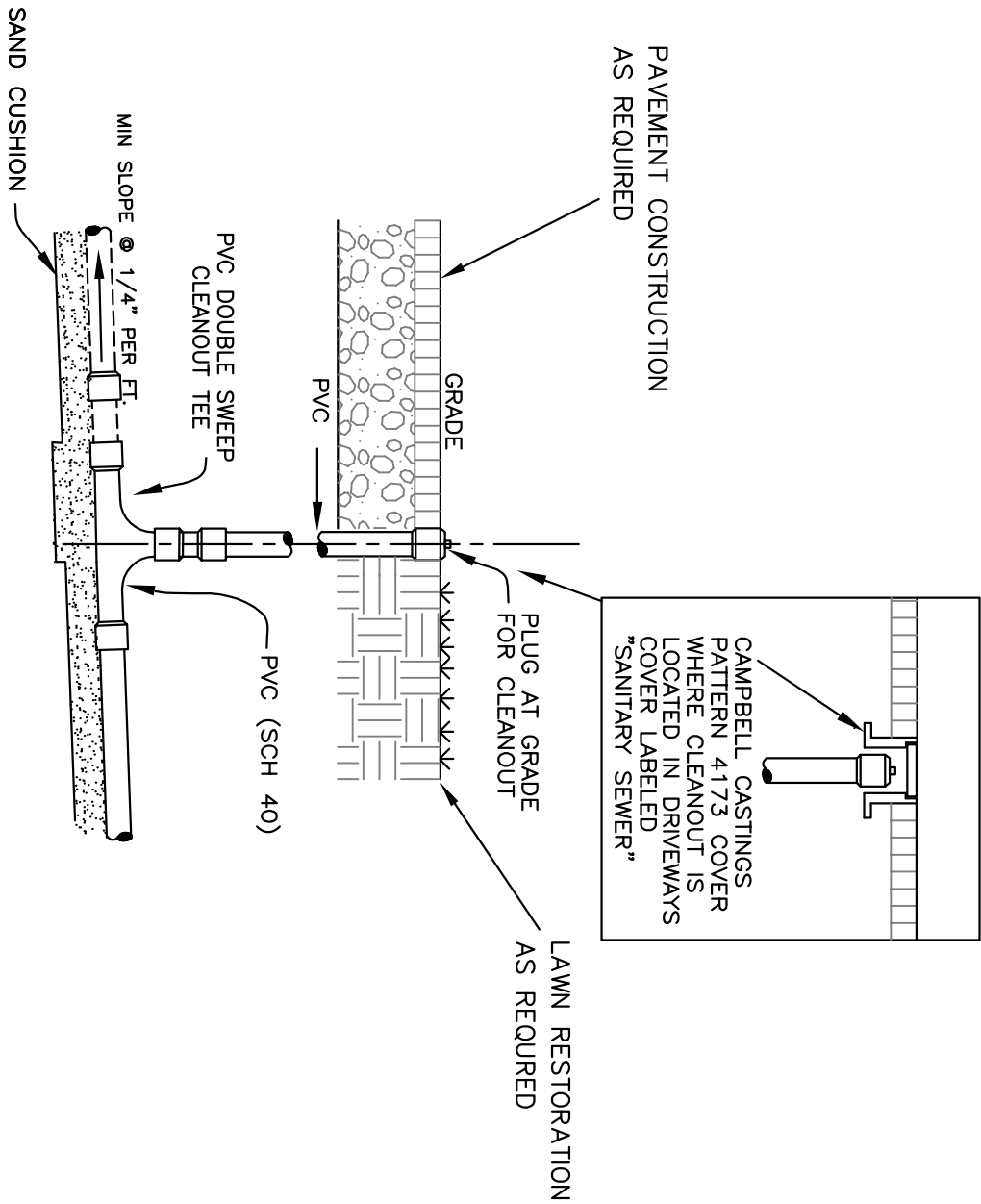
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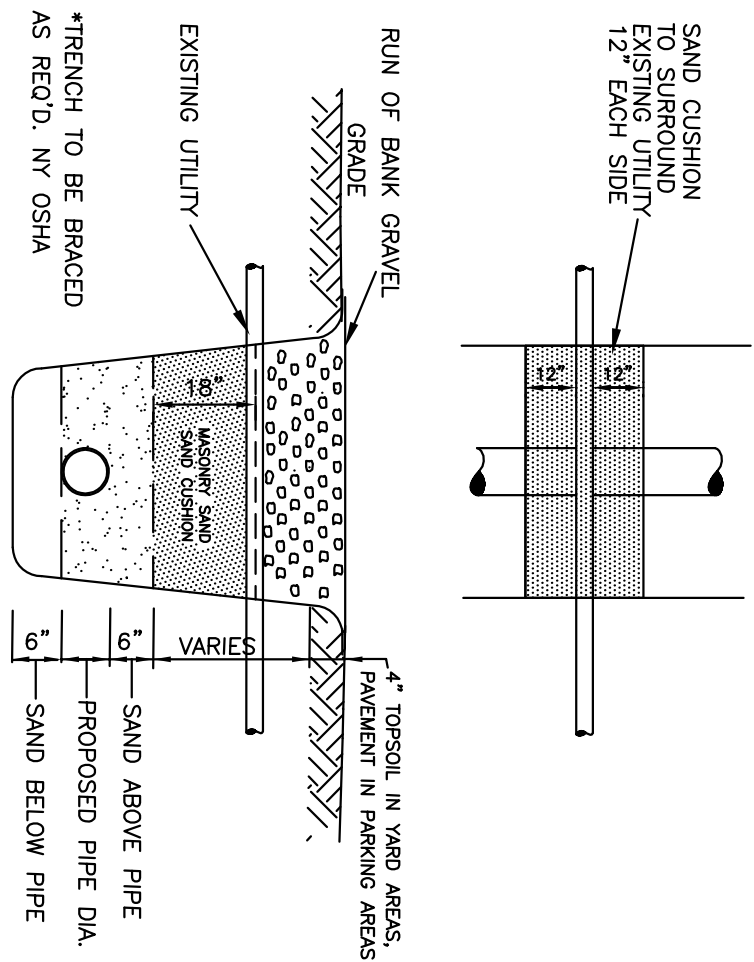
1
TYPICAL FORCEMAIN TRENCH DETAIL
NOT TO SCALE



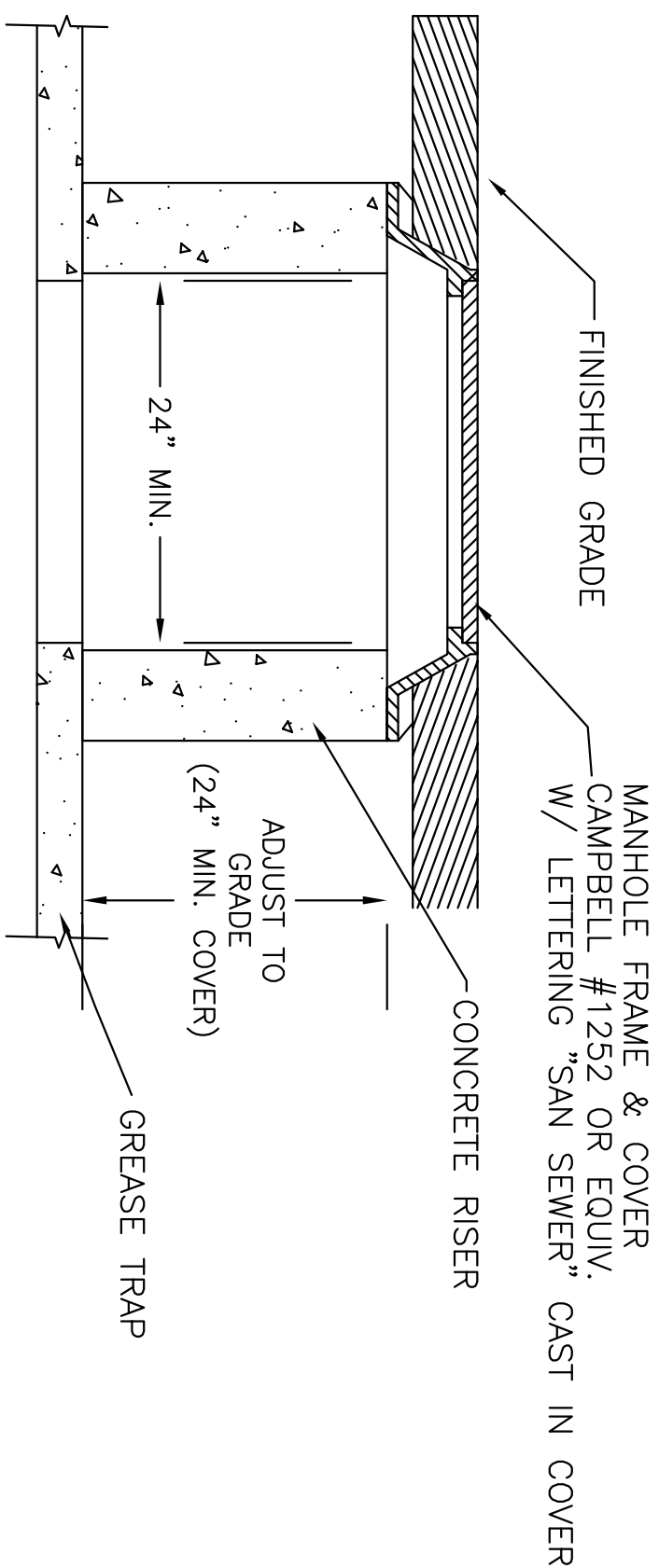
2
TYPICAL SEWER TRENCH DETAIL
NOT TO SCALE



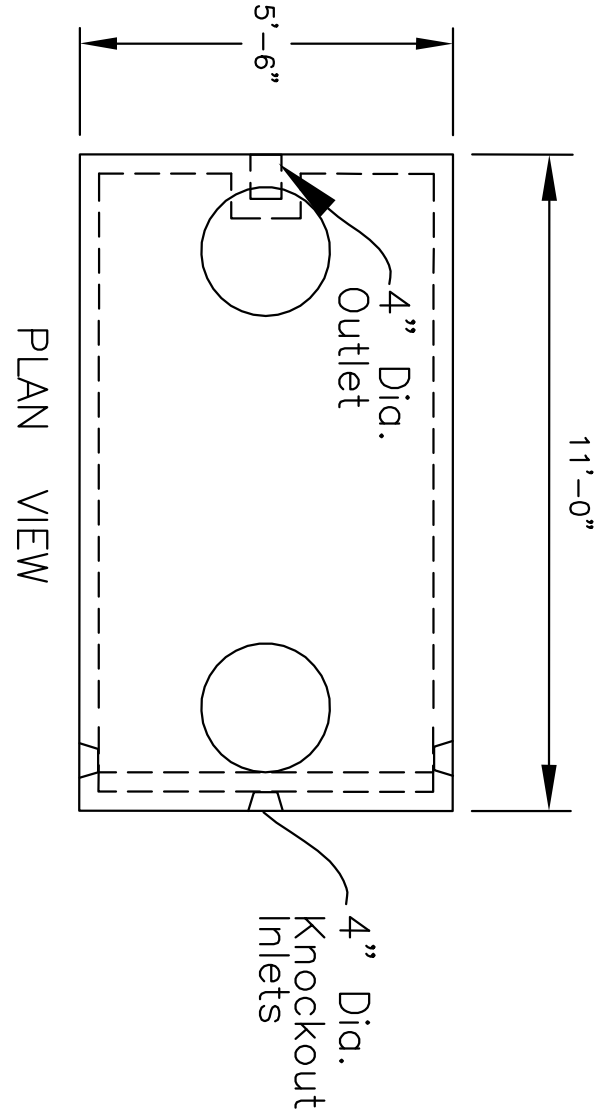
3
SEWER LATERAL CLEANOUT DETAIL
NOT TO SCALE



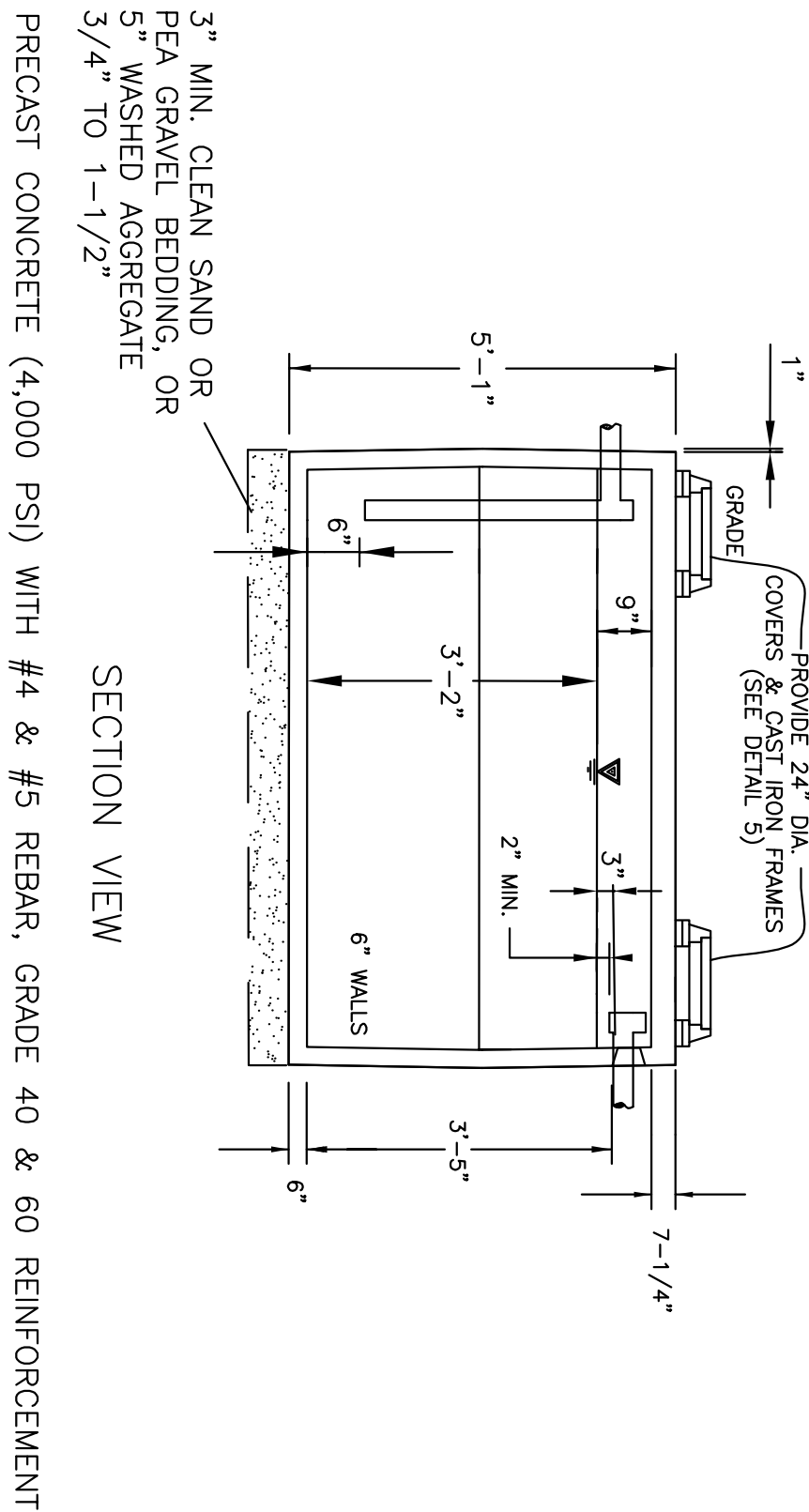
4
TYPICAL UTILITY LINE CROSSING DETAIL
NOT TO SCALE



5
TYPICAL CONCRETE RISER AND FRAME
NOT TO SCALE



6
TYPICAL 1000 GAL GREASE TRAP
NOT TO SCALE



7
FORCE MAIN CONNECTION DETAIL
NOT TO SCALE

Sanitary Sewer Notes and Specifications

General Provisions:

1. Gravity sewer pipes shall be PVC SCH 35 with flange/joint joints in compliance with ASTM D-3032.
2. Sewer mains in relation to water mains, where possible, sewers shall be laid at least 10 (ten) feet vertically from any existing or proposed water main. Vertical separation shall be maintained at all crossings. When not possible to obtain the proper vertical separation, SCH-26 PVC pipe shall be used 10 (ten) feet on each side of the water main being crossed.
3. No roof, foundation or storm drains may discharge into the sewerage disposal system.
4. All concrete tanks, manholes and chambers etc. shall be pre cast concrete to the specifications and dimensions shown hereon. Frames and covers shall be gray iron or ductile iron with a minimum thickness of 1/2 inch. Frames and covers shall be installed in accordance with ASTM A 536 and be of a grade appropriate to its intended use to the dimensions and specifications as shown hereon. Any structures subject to vehicle loads shall be able to withstand an H20 loading. Shop drawings shall be submitted to the design engineer for approval prior to construction.

Gravity Sewer System Testing:

1. Contractor shall inspect and test the sewer installations as required by the authority having jurisdiction when work is ready for testing. After all tests have been performed, evidence of compliance shall be forwarded to owner/engineer and the authority having jurisdiction prior to acceptance.
2. The contractor shall test and inspect for alignment and infiltration and exfiltration of all sanitary sewers. Infiltration or exfiltration of the sanitary sewer system shall not exceed 0.60 gals/ft of internal pipe diameter per 100' of pipeline per hour with a maximum hydrostatic head at the terminus of the pipe of 25 ft, or as required by the authority having jurisdiction.
3. Infiltration leakage tests shall be run on each single manhole-to-manhole section, or each independently of all other manhole-to-manhole sections. A pipeline section under test shall include all pipe and fittings between the two manholes plus the upstream manhole.
4. Each manhole-to-manhole section shall be rejected or accepted based only on results of its own independent section test and not on results of any one test run simultaneously over more than one consecutive manhole-to-manhole section. The only exception allowed: accepting manhole-to-manhole sections based on one combined infiltration test indicating zero infiltration.
5. Infiltration tests shall be made by installing a flow measuring device in the downstream manhole. The device shall be installed in the downstream manhole in such a manner as to provide a steady state flow condition has been achieved in the test period, and results projected to a 24 hr. period.
6. Exfiltration tests shall be run on each single manhole-to-manhole section, or each independently of all other manhole-to-manhole sections. A pipeline section under test shall include all pipe and fittings between the two manholes plus the upstream manhole.
7. Exfiltration tests shall be made by measuring the drop in water elevation in the upstream manhole 24 hours after the test. The test shall be run in the upstream manhole. The test shall be 2 feet higher than either the top of pipe or groundwater elevation at the downstream manhole. Any manhole-to-manhole section undergoing an exfiltration test must have the next adjacent sections, both upstream and downstream, dry and not under test.
8. Low pressure air testing may be allowed in lieu of exfiltration tests only. When so allowed, test shall be performed under direction of engineer according to ASTM F-417. An air test shall not be run until section of line to be tested has been cleaned of all foreign material by flushing and has been visually inspected.
9. Sewers shall be laid with straight alignment between manholes. Straight alignment shall be checked either using a laser beam or tamping. Testing shall comply with requirements of the authority having jurisdiction.
10. Manholes, which cannot be properly air tested, should be visually inspected and leakage-tested using internal or external hydrostatic pressure. Leakage testing shall comply with requirements of the authority having jurisdiction.
11. In areas where conventional testing is impractical (i.e. areas designated by Engineer where existing services are tied into new line immediately and any blockage could result in health hazard), no lines shall be backfilled until each pipe section and connection is inspected and approved.
12. If the allowable rate of infiltration, exfiltration, or air leakage is exceeded, the contractor shall be responsible for the cost of all testing and shall promptly correct, repair, and rerun system up to and including the section of all work tested. If the contractor fails to correct the problem within the time specified, the sewer line section (including manholes and building services) under test shall not be accepted until these test criteria are met.

MAP REVISION DATES	
DATE	BY

SEWER DETAILS CONTINUED FOR

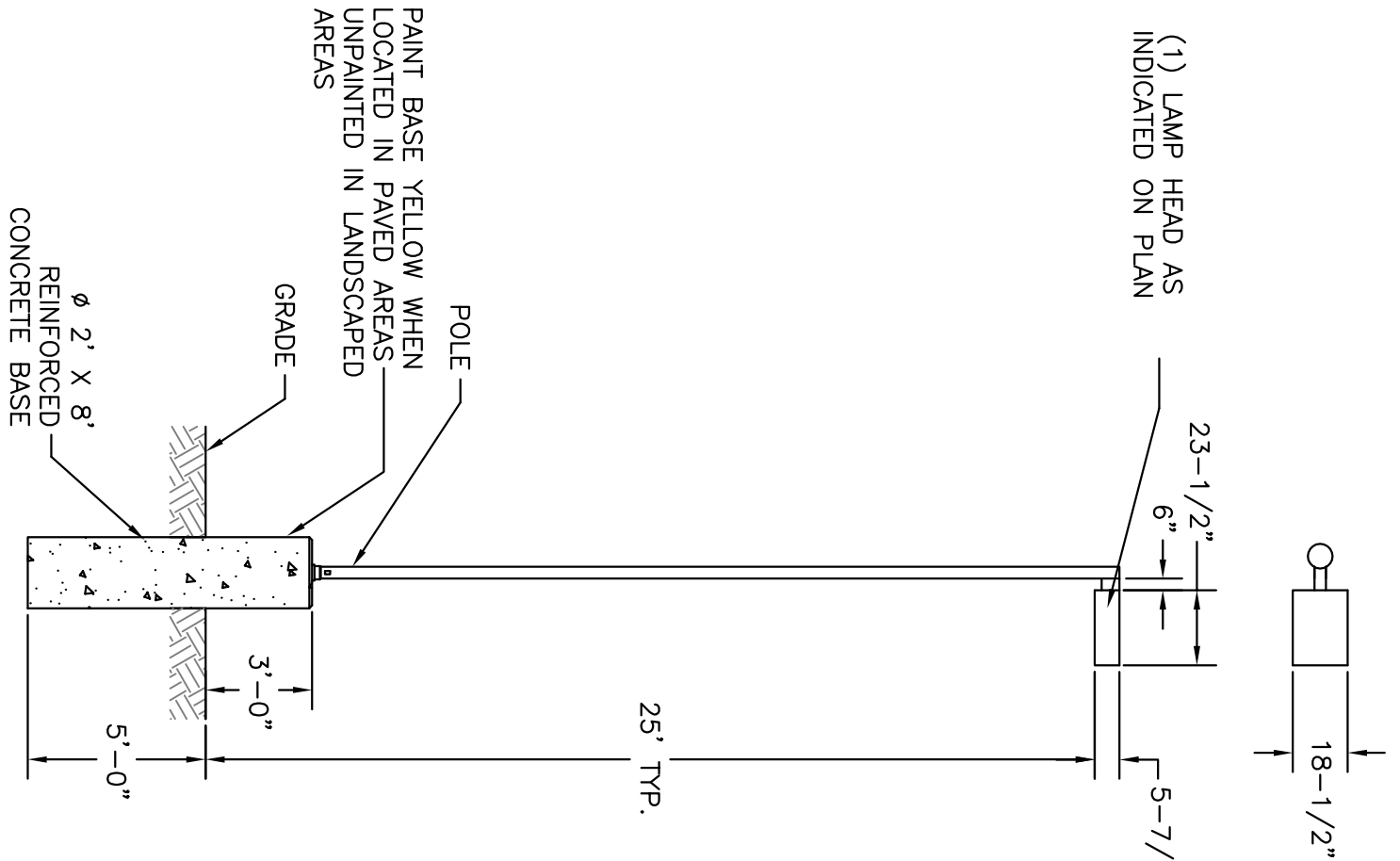
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SITUATE - NYS RT. 42
TOWN OF THOMPSON
SULLIVAN COUNTY, NEW YORK
FEBRUARY 13, 2015

SCALE: AS SHOWN

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CSX1 LED
LED Area Luminaire

CONTINUUM

Specifications

EPA: 0.7 ft²

Length: 23'-1/2"

Width: 18'-1/2"

Height: 5'-7/8"

Weight: 37 lbs

(max)



Introduction

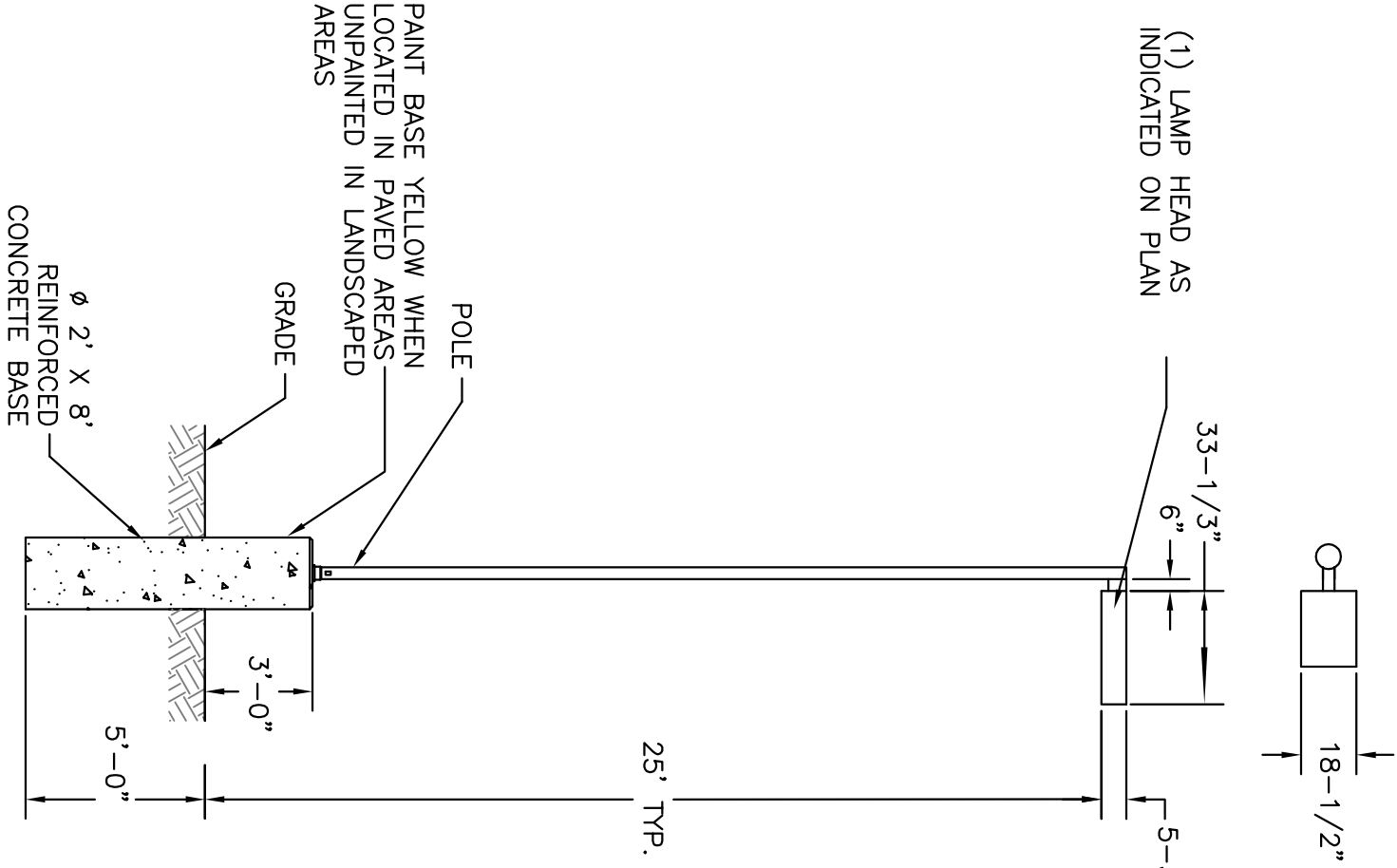
The Contour® Series luminaires offer traditional square dayforms with softened edges for a versatile look that complements many applications. The CSX1 combines the latest in LED technology with the familiar aesthetic of the Contour® Series for stylish, high-performance illumination that lasts. It is ideal for replacing traditional metal halide in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: CSX1 LED 60C 1000 40K T3M WVOU1 SPA DDBXD

POLE MOUNTED LIGHT DETAIL (FIXTURE A, B, AND C)

1 UTHUNA CSX1 SERIES LED LUMPS:
MODEL'S:
134 WATT LED LAMP UTHUNA MODEL# CSX1 LED 60C 700 50K T3M HS (HOUSE SHIELD) OR EQUAL
209 WATT LED LAMP UTHUNA MODEL# CSX1 LED 60C 1000 50K T3M HS (HOUSE SHIELD) OR EQUAL
429 WATT LED LAMP UTHUNA MODEL# CSX1 LED 60C 1000 50K T3M HS OR EQUAL





CSX2 LED
LED Area Luminaire

CONTINUUM

Specifications

EPA: 1.2 ft²

Length: 34'-1/2"

Width: 18'-1/2"

Height: 5'-3/4"

Weight: 59 lbs

(max)



Introduction

The Contour® Series luminaires offer traditional square dayforms with softened edges for a versatile look that complements many applications. The CSX2 combines the latest in LED technology with the familiar aesthetic of the Contour® Series for stylish, high-performance illumination that lasts. It is ideal for replacing traditional metal halide in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: CSX2 LED 120C 1000 40K T3M WVOU1 SPA DDBXD

POLE MOUNTED LIGHT DETAIL (FIXTURE D)

2 UTHUNA CSX2 SERIES LED LUMPS:
MODEL'S:
416 WATT LED LAMP UTHUNA MODEL# CSX2 LED 120C 1000 50K T3M WVOU1 OR EQUAL



WSR LED
Architectural Wall Sconce

CONTINUUM

Specifications

Height: 7'-1/4"

Width: 10'-2"

Depth: 6"

Weight: 17 lbs

(max)



Optional Back Box (BBW)

Height: 4"

Width: 10'-2"

Depth: 1'-1/2"

Weight: 17 lbs

(max)

Introduction


The classic Architectural Wall Sconce is now available with the latest in LED technology. The result is a long life, maintenance-free product with typical energy savings of 75% compared to metal halide versions. The integral battery backup option provides emergency egress lighting without the use of a back-box or remote gear, so installations maintain their aesthetic integrity. The WSR LED is ideal for replacing existing 50-175W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

Ordering Information

EXAMPLE: WSR LED 2 10A/700/40K SPS WVOU1 DDBXD

WALL MOUNTED LIGHT DETAIL (FIXTURE G)

3 UTHUNA TMI WALL MOUNTED LIGHT WITH FULL SHIELD (FS) OPTION:
MODEL: 24 WATT LED UTHUNA MODEL# WSR LED 1 10A/700/50K SPS WVO1 OR EQUAL



KACM LED
LED Surface Luminaire

CONTINUUM

Specifications

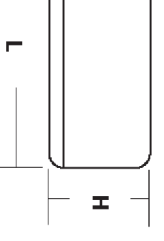
Length: 11'-1/2"

Width: 7'-1/8"

Height: 6'-8"

Weight: 25 lbs

(max)



Introduction

The Contour® Series luminaires offer traditional square dayforms with softened edges for a versatile look that complements many applications. The KACM LED combines the latest in LED technology with the familiar aesthetic of the Contour® Series for stylish, high-performance illumination that lasts. It is ideal for replacing 100-250W metal halide in surface/canopy lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: KACM LED 1 63B530/40K SPS WVOU1 DDBXD

CANOPY LIGHTS (FIXTURE H)

4 UTHUNA VHS CANOPY LIGHTS:
59 WATT LED UTHUNA MODEL# KACM LED 1 4B530/50K SPS OR EQUAL

MAP REVISION DATES		
DATE	REVISION	BY

LIGHTING DETAILS

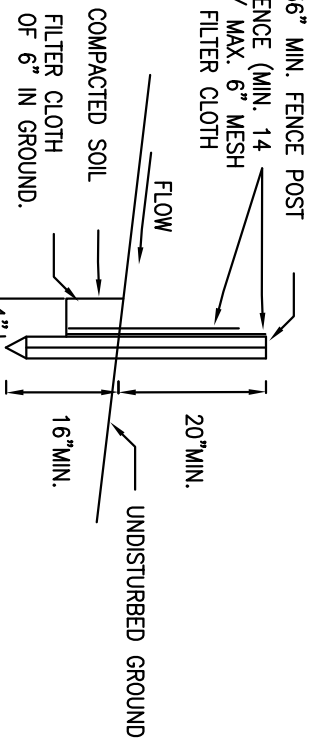
FOR JCA HOTELS

SITUATE – NYS RT. 42
TOWN OF THOMPSON
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CONSTRUCTION SPECIFICATIONS

- 1** SILT FENCE TYPICAL DETAIL
- NOT TO SCALE
- NOTES:

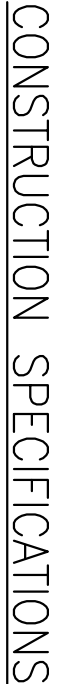


SPACING AND QUANTITY
VARIES DEPENDING ON
CHANNEL SLOPE
(SEE PLANS FOR LOC.)

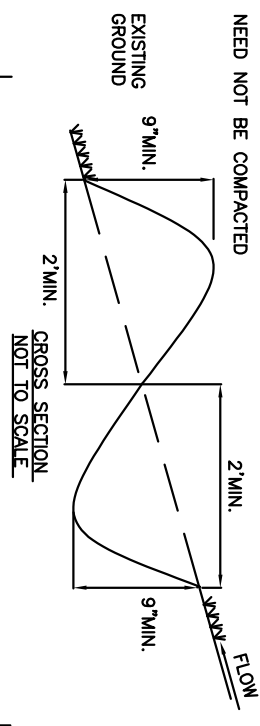


SEEDING MIX FOR SITE LAWNS						
PORTION	SPECIES	% PURE	APPLICATION RATE	FERTILIZER	LIMING RATE	SEEDING DATE
		LIVE SEED				
ANNUAL RATE	88.2%	10 LBS./1000 S.Y.	5-5-5 AT 207 LBS./1000 S.Y.	413 LBS./207 LBS./1000 S.Y.	3/15 TO 10/15	

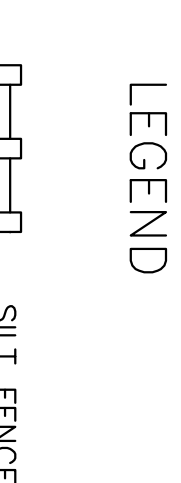
- 3
ROCK CHECK DAM TYPICAL DETAIL
NOT TO SCALE



- #### 4 STABILIZED CONSTRUCTION ENTRANCE DETAIL
- NOT TO SCALE



6 SOIL EROSION AND SEDIMENT CONTROL PLAN
NOT TO SCALE



SILT FENCE

TOPSOIL STOCKPILE

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