

July 6, 2016

**PASS CHRISTIAN SITE DEMOLITION AND SITE WORK (REBID)
DEPARTMENT OF MARINE RESOURCES
BILOXI, MISSISSIPPI**

00.903 ADDENDUM NO 3.

(this addendum contains 4 pages, 7 pages of 8-1/2"x11" attachments, and 6 pages of 24x36 attachments (17 pages total))

CLARIFICATIONS

1. Addenda #1: Attached MDOT supplemental drawings for off-site work / work in the MDOT Right-of-Way shall be printed on 8-1/2"x14" sheets (applies to all 17 sheets of the supplemental drawings).
2. The contractor's responsibilities for abiding by MDEQ regulations (see Sheet T-1, Storm Water Erosion Control Note) include creating the Storm Water Pollution Prevention Plan for the Work.
3. Bed preparation, and pine straw in proposed planting areas shall be included in the Base Bid.
4. If the Landscape Planting Alternate is not taken, Sod shall be installed where individual trees are proposed in the lawn areas.
5. Preparation, fertilizer, seeding, and pine straw in all areas classified as Meadow Grass & Wildflower Mix on sheet L1.0R shall be included in the Base Bid.

CHANGES TO THE DRAWINGS

1. Sheet T-1 TITLE SHEET:
 - a. REVISE Additive Alternate #1 to read as follows, "An Additive proposal is required for all labor, material, and equipment necessary to furnish and install landscape planting; complete as indicated on the drawings and in accordance with the specifications."
 - b. REVISE Additive Alternate #2 to read as follows, "An Additive proposal is required for all labor, materials, and equipment necessary to furnish and install landscape lighting; complete as indicated on the drawings and in accordance with the specifications"
2. Sheet A-1 SITE DEMOLITION PLAN:

- a. For note pointing to existing loading dock-
REVISE note to read as follows: "Remove loading dock and all associated construction; including but not limited to, retaining walls, footings, bollards, railings, dock ramp, dock equipment, and sub-drainage system components."
 - b. Under Site Work Notes: REVISE note 12 to read as follows: "All utilities on site, above and below grade, that are to be abandoned / not reused in new work shall be removed to property line and capped. All excavations shall be filled per note 10. See civil, utility, and electrical sheets to coordinate with new work." This revision shall apply to all utility demolition work referenced on sheet A-1.
3. Sheet TP1.0 TREE PROTECTION PLAN: DELETE this sheet in its entirety and replace with Sheet TP1.0R TREE PROTECTION PLAN (attached).
4. Sheet H1.0 HARDSCAPE PLAN: DELETE this sheet in its entirety and replace with Sheet H1.0R HARDSCAPE PLAN (attached).
5. Sheet H1.0R HARDSCAPE PLAN:
 - a. Contractor shall provide four 11x17 educational signs. Placement of 4th sign shall be determined by Landscape Architect in field. See detail 2/H1.4 for educational signage requirements. All educational signage shall be included in the base bid.
6. Sheet H1.1 HARDSCAPE PLAN LAYOUT: DELETE this sheet in its entirety and replace with Sheet H1.1R HARDSCAPE PLAN LAYOUT (attached).
7. Sheet H1.4 HARDSCAPE DETAILS, Detail 2:
 - a. REVISE detail title to read as follows: "2. 11x17 EDUCATIONAL SIGNAGE (4 REQUIRED)"
8. Sheet L1.0 LANDSCAPE PLAN: DELETE this sheet in its entirety and replace with Sheet L1.0R LANDSCAPE PLAN (attached).
9. Sheet L2.0 IRRIGATION PLAN: DELETE this sheet in its entirety and replace with Sheet L2.0R IRRIGATION PLAN (attached).
10. Sheet U1.0 UTILITIES PLAN: DELETE this sheet in its entirety and replace with Sheet U1.0R UTILITIES PLAN (attached).
11. Sheet E0.0 ELECTRICAL LEGEND & SCHEDULES:

- a. Electrical Legend - REVISE per attached ESK-1
12. Sheet E2.1 ELECTRICAL DETAILS, Detail 5-Junction Box Detail at Trees:
 - a. REVISE box size to be 10 inches, round
 - b. See attached cut sheet for round, HDPE constructed boxes. Provide and install boxes as manufactured by Charles Industries, Ltd or equal. Boxes shall be equal to Charles Industries #P100010 with green lid and body and ELECTRIC stamped on lid.

CHANGES TO THE SPECIFICATIONS

1. Section 00300 - PROPOSAL FORM. DELETE Section 00300 in its entirety and replace with the attached Section 00300R Revised Proposal Form
2. Section 01900 - DIVISION ONE SUPPLEMENT, Part 3-Alternate Supplement
 - a. REVISE 3.01A to read as follows, "Additive Alternate Number One: An Additive proposal is required for all labor, material, and equipment necessary to furnish and install landscape planting; complete as indicated on the drawings and in accordance with the specifications."
 - b. REVISE 3.01B to read as follows, "Additive Alternate Number Two: An Additive proposal is required for all labor, materials, and equipment necessary to furnish and install landscape lighting; complete as indicated on the drawings and in accordance with the specifications"
3. Section 16050 - BASIC ELECTRICAL MATERIALS AND METHODS
 - a. DELETE references to Polymer Concrete Boxes. Boxes shall be constructed of High Density Polyethylene (HDPE), manufactured by Charles Industries, Ltd. or equal.

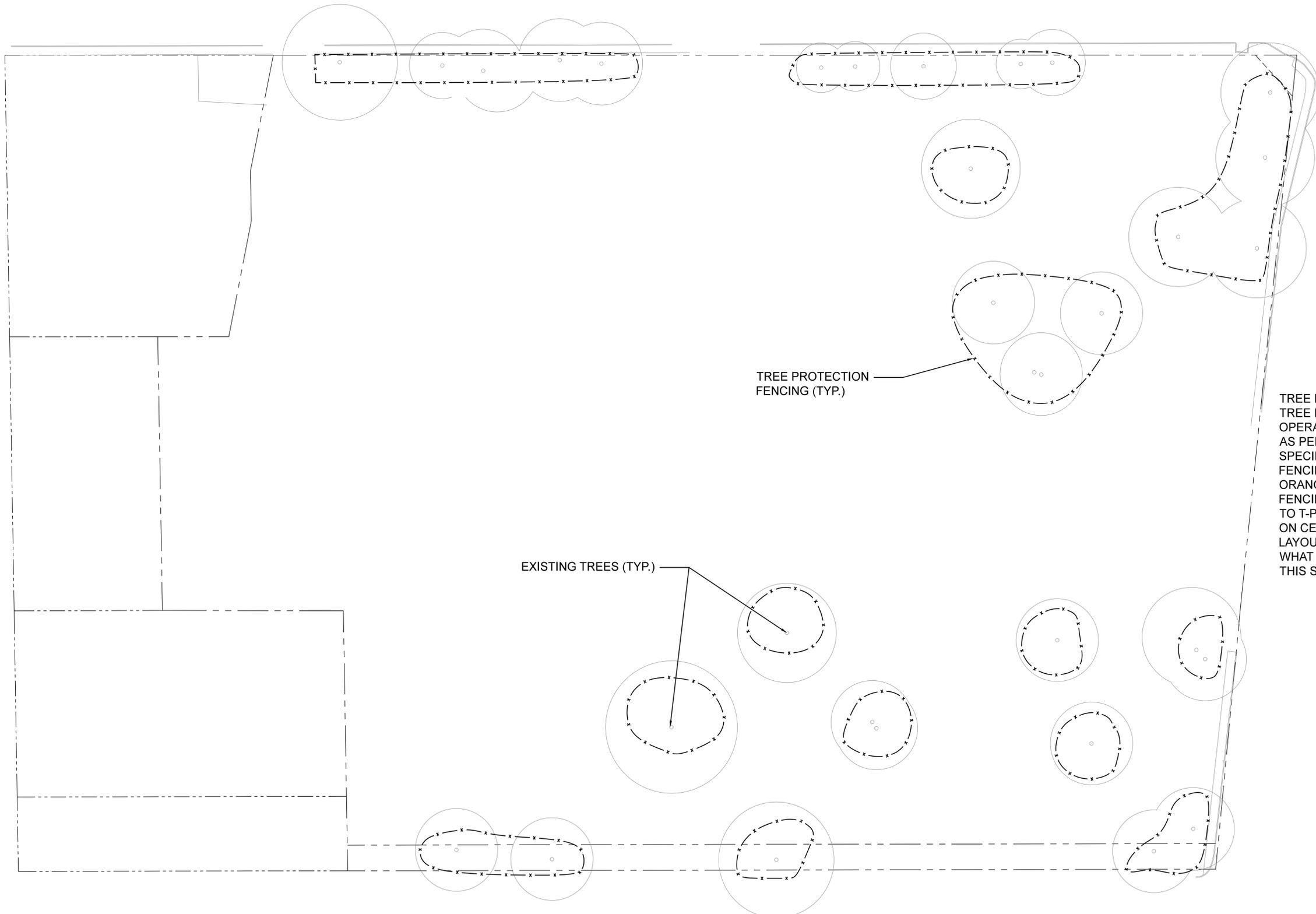
QUESTIONS AND ANSWERS

1. Is the irrigation to be part of the base bid or alternate #2 with landscape?
 - a. **All work related to irrigation shall be included in the base bid.**
2. Regarding the "four inches of topsoil" per note 3 sheet C01 and PRODUCTS subsection on div 02900 'Landscape, planting & sodding', there is no clear

- definition of 'topsoil' classification. Please clarify.
- a. **Topsoil shall meet criteria as specified in Section 02900 Landscape, Planting, & Sodding, Part 2.1 Topsoil.**
3. On plan page L2.0 it calls for the mainline to be 1.00" Class 200 Pipe (in the legend) and is labeled on the plan as 2.00". Please clarify.
- a. **The irrigation mainline shall be a 2" mainline as noted on the plan.**
4. Irrigation Plan L2.0 calls for the mainline to be Class 200 Pipe while the irrigation specifications 02810 page 5 of 7 calls for the mainline to be SCH40 pipe. Please clarify.
- a. **The irrigation mainline can be Class 200 BE or Schedule 40.**
5. Please verify that tree irrigation bubblers are to be provided for all new trees on the plans.
- a. **Correct. The contractor shall install a tree irrigation bubbler at the base of all newly planted trees.**
6. It appears that the scale bar in the landscape and irrigation drawings is incorrect. Please verify.
- a. **See Section CHANGES TO THE DRAWINGS, this addendum, for reissued sheets.**

END OF ADDENDUM #3

HENDERSON AVENUE



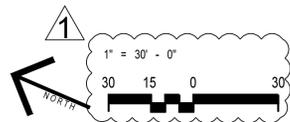
TREE PROTECTION FENCING (TYP.)

EXISTING TREES (TYP.)

TREE PROTECTION:
 TREE PROTECTION OPERATIONS SHALL BE AS PER THE PROJECT SPECIFICATIONS. THE FENCING SHALL BE ORANGE COPOLYMER FENCING ATTACHED TO T-POSTS EVERY 6-8' ON CENTER IN A LAYOUT SIMILAR TO WHAT IS DEPICTED ON THIS SHEET.

BEACH BOULEVARD / U. S. HIGHWAY 90

CLARENCE AVENUE



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TREE PROTECTION PLAN
PASS CHRISTIAN SITE DEMOLITION AND SITE WORK
 MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
 412 WEST BEACH BOULEVARD, PASS CHRISTIAN, MS

APPROVED BY	APPROVED BY	APPROVED BY
DATE	DATE	DATE
2014-13	JUNE 1, 2016	JULY 6, 2016
DESIGNED BY	DRAWN BY	CHECKED BY
		CHP



SHEET
TP1.0R
 OF SHEETS

NOTE:
IF CONCRETE APRON LAYOUT
CONFLICTS WITH EXISTING
POWER POLE, CONTRACTOR
SHALL PROPOSE ADJUSTMENTS
TO LANDSCAPE ARCHITECT IN
THE FIELD FOR APPROVAL.

DEMO. EXISTING CURB AS
REQUIRED TO INSTALL APRON.
REPAIR ANY DAMAGE TO
STREET. (TYP.)

WATER VALVE MAY HAVE TO
HAVE TO BE RELOCATED OR
HAVE APPROPRIATE VEHICULAR
COVERING AS APPROVED BY
THE CITY. CONTRACTOR SHALL
EVALUATE PRIOR TO
SUBMITTING BID, AND INCLUDE
IN PRICING FOR PARKING AREA.

EDUCATIONAL SIGN (TYP.)
SEE DTL. 2, SHEET H1.4

ADA RAMP - REF.
DTL. 8, SHEET H1.2

SIGN - SEE DTL. 1, SHEET H1.4
FINAL POSITIONING OF SIGN
SHALL BE APPROVED BY
LANDSCAPE ARCHITECT IN THE
FIELD

4'x4' CONCRETE
TRASH CAN PAD

HENDERSON AVENUE

EXISTING SIDEWALK
EXISTING TREE (TYP.)

CONCRETE APRON (TYP.)

6"x6" TREATED
WOODEN BOLLARD
(TYP.)- REF. DTL. 5, H1.3

SIGN - SEE DTL. 1, SHEET H1.4
FINAL POSITIONING OF SIGN
SHALL BE APPROVED BY
LANDSCAPE ARCHITECT IN THE
FIELD

PARKING
DRIVEWAY
PARKING

PARKING

DRIVEWAY

PARKING

PAINT STRIPING AND
SYMBOLS ON ADA SPACES
AND ISLE AS APPROVED BY
MDOT STANDARDS.

2 ADA SIGNS ON GALVANIZED
POST AS REQUIRED BY ADA
REGULATIONS

ED.
SIGN

ADA RAMP (TYP.)-
REF. DTL. 6 & 7, H1.2

4'x4' CONCRETE
TRASH CAN PAD

CONCRETE PATH, TYP.

FLAG POLE - REF. DTL 2, H1.3

BRICK PAVERS W/
DOUBLE ROW LOCK
BORDER AND 12"
CONCRETE BORDER

SOD

SOD

SOD

BENCH & RECEPTACLE
PAD (TYP.)

WATER FOUNTAIN &
CONCRETE PAD (TYP.)-
REF. SHEET U1.0

MEADOW

SOD

MEADOW

MEADOW

MEADOW

SOD

MEADOW

4'x4' CONCRETE
TRASH CAN PAD

ED. SIGN

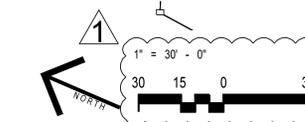
ED. SIGN

32-6"x6" TREATED WOODEN
BOLLARD 6' O/C (TYP.)- REF.
DTL. 5, H1.3

MAINTENANCE ACCESS AREA

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HARDSCAPE PLAN
PASS CHRISTIAN SITE DEMOLITION AND SITE WORK
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
412 WEST BEACH BOULEVARD, PASS CHRISTIAN, MS

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REGISTERED LANDSCAPE ARCHITECT
STATE OF MISSISSIPPI
487

SHEET
H1.0R
OF SHEETS

HENDERSON AVENUE

HYDROSEED MEADOW AREAS WITH AN APPROVED SOUTHEASTERN GRASS MIX, TALL GRASS MIX, AND WILDFLOWER MIX FROM SEEDLAND.COM OR APPROVED EQUAL. SUBMIT CUT SHEETS FOR APPROVAL. SEED TO BE APPLIED TO "PROFILE" - JET SPRAY FIBER MULCH WITH TACKIFIER (OR APPROVED EQUAL). APPLY PER MANUFACTURER'S RECOMMENDATIONS FOR VARIOUS SLOPES. APPLY PINE STRAW IN ALL SEEDED AREAS.

- 207-DWF PARSONS JUNIPER
- 100-SM CORDGRASS
- 50-DWF PALMETTO
- 98-CORAL DRIFT ROSE

- 148-CORAL DRIFT ROSE
- 59-DWF PARSONS JUNIPER
- 1-WILLOW OAK

1-LIVE OAK

- 28-TUSCAN BLUE ROSEMARY
- 30-CORAL DRIFT ROSE

- 59-DWF PARSONS JUNIPER
- 81-DWF PARSONS JUNIPER
- 31-DWF WAXMYRTLE
- 6-OLEANDER
- 46-HENRY'S GARNET SWEETSPIRE
- 1-WILLOW OAK

- 32-DWF PALMETTO
- 41-SAND CORDGRASS
- 3-BALD CYPRESS

- 3-LONG LEAF PINE
- 103-DWF WAXMYRTLE
- 2-SOUTHERN MAGNOLIA

- 5-LONG LEAF PINE

- 85-DWF PALMETTO

- 1-BALD CYPRESS
- 1-SOUTHERN MAGNOLIA

- 7,479 SF-MEADOW GRASS & WILDFLOWER MIX
- 3-LONG LEAF PINE

- 1-LIVE OAK
- 1-LIVE OAK
- 5,213 SF-MEADOW GRASS & WILDFLOWER MIX
- 1-LIVE OAK
- 3-SOUTHERN MAGNOLIA

GRASS AND WILDFLOWER MIX

SEED MIXES BELOW ARE TO BE SEEDED PER SEEDING NOTE DESCRIBED ON THIS SHEET. CONTRACTOR SHALL APPLY TRIDENT ROOT ZONE HUMUS FERTILIZER AFTER SEED MIXES HAVE BEEN APPLIED. CONTRACTOR TO SEED AT SUPPLIER'S RECOMMENDED RATES AND SHALL REAPPLY AS MANY TIMES AS REQUIRED IN ORDER THAT NOTICEABLE VEGETATION IS ESTABLISHED IN ORDER FOR THE PROJECT TO BE DEEMED SUBSTANTIALLY COMPLETE. FROM SEEDLAND.COM OR APPROVED EQUAL.

- TALL GRASS MIX
TIME TO ESTABLISH: APPROXIMATELY THREE MONTHS
- BIG BLUESTEM
 - INDIAN GRASS
 - LITTLE BLUESTEM
 - SWITCHGRASS

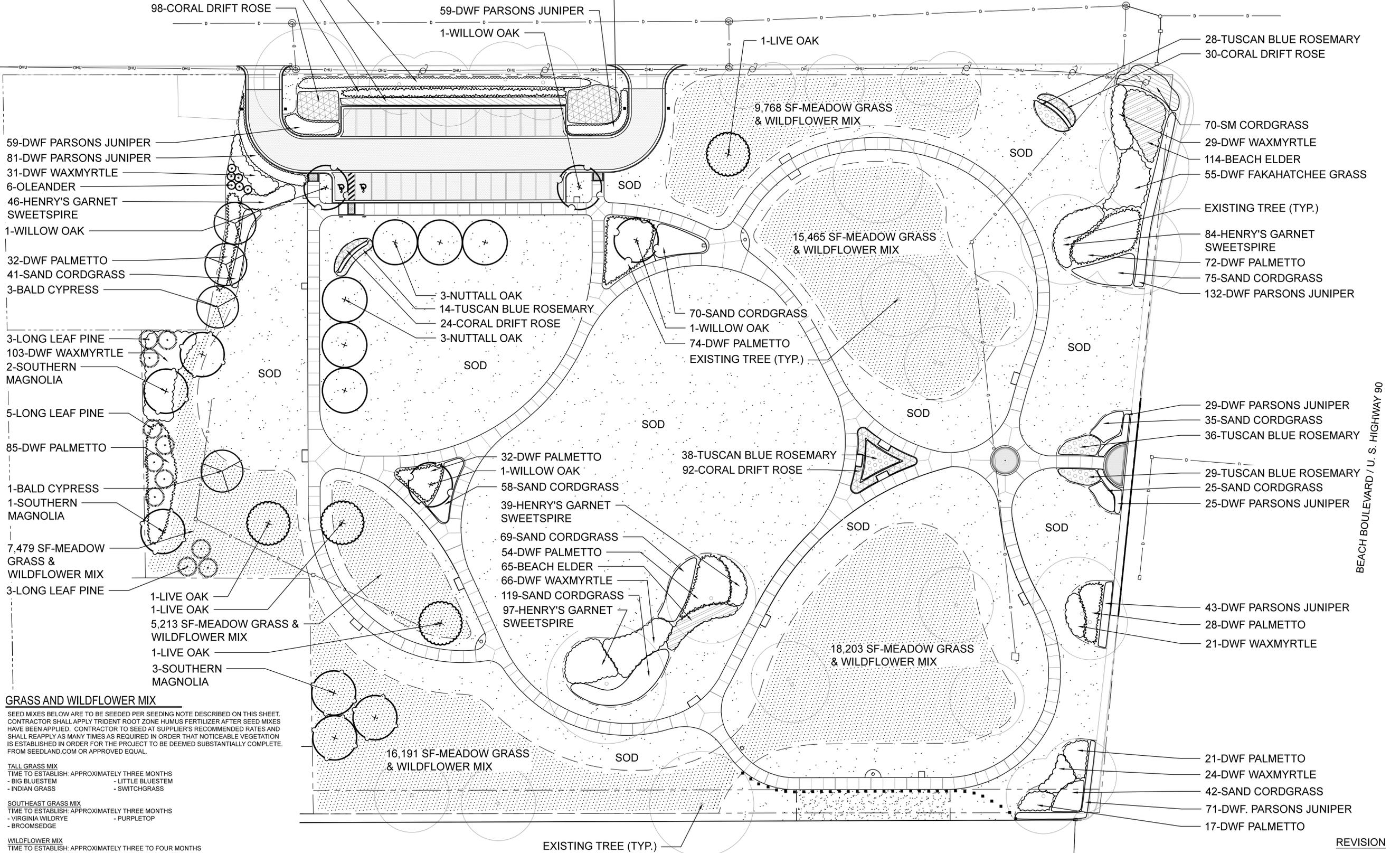
- SOUTHEAST GRASS MIX
TIME TO ESTABLISH: APPROXIMATELY THREE MONTHS
- VIRGINIA WILDRYE
 - BROOMSEDGE
 - PURPLETOP

- WILDFLOWER MIX
TIME TO ESTABLISH: APPROXIMATELY THREE TO FOUR MONTHS
- NEW ENGLAND ASTER
 - BROWN-EYED SUSAN
 - PURPLE CONEFLOWER
 - LANCE-LEAVED COREOPSIS
 - SCARLET SAGE
 - GUARA
 - GAYFEATHER
 - LEAVENWORTH'S TICKSEED
 - LEMON MINT
 - RATTLESNAKE MASTER
 - SCARLET SAGE
 - CLASPING CONEFLOWER
 - PLAINS COREOPSIS
 - GAILLARDIA
 - BUTTERFLY MILKWEED
 - GILIA
 - LUPINE

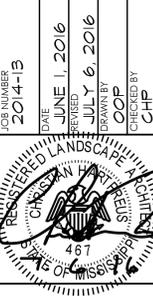
CLARENCE AVENUE

EXISTING TREE (TYP.)

BEACH BOULEVARD / U. S. HIGHWAY 90

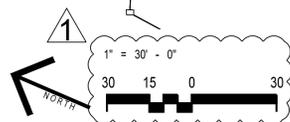


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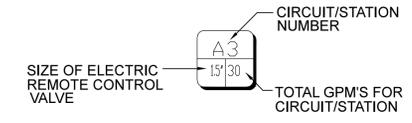
IRRIGATION LEGEND:

- RAINBIRD 5000 ROTOR SERIES WITH 3.0 AND 4.0 NOZZLE
- RAINBIRD MINI ROTOR 3504PC-SAM WITH 3.0 AND 4.0 NOZZLE
- RAINBIRD RVAN 17-24 ROTATOR NOZZLE ON 1812 SPRINKLER, USE RISER IF NECESSARY
- RAINBIRD RVAN 13-18 NOZZLE ON 1812 SPRINKLER, USE 6" RISER IF NECESSARY
- RAINBIRD PEB SERIES, 1" AND 1 1/2" EL. REMOTE CONTROL VALVE (OR APP'D. EQ.) IN MIN. 12" ROUND BOX, FILL BOTTOM W/PEA GRAVEL, (SEE DETAIL)
- RAINBIRD ESP-LX TWO WIRE CONTROLLER, STA. A1- POST MOUNTED WHERE SHOWN AND/OR AS DIRECTED BY LANDSCAPE ARCHITECT. (SEE SHEET L2.1).
- WIRELESS RAIN SENSOR
- DOUBLE CHECK VALVE (SEE SHEET L2.1)
- ISOLATION VALVE - (MAIN SIZE), 125# W.O.G., BRASS BALL VALVE IN AMETEK 10" ROUND BOX, FILL BOTTOM WITH PEA GRAVEL (SIMILAR TO CONTROL VALVE). ISOLATION VALVES (IV) SHALL BE IN A LOCKABLE BOX.
- 2" IRRIGATION MAINLINE, PVC SDR 21, CLASS 200BE
- IRRIGATION LATERAL PIPE, PVC SDR 21, CLASS 200BE
- 4" DIAMETER SCHEDULE 40 PVC SLEEVE UNDER DRIVE, HARDSCAPE AND WHERE SHOWN, EXTEND ENDS MIN. 8-12" PAST EDGE OF DRIVE, HARDSCAPE AND CAP W/NO SOLVENT. REMOVE CAPS WHEN IRRIGATION IS TO BE INSTALLED

PIPE SIZING CHART:

CONTRACTOR TO SIZE EACH CIRCUIT/STATION LATERAL PIPING USING THE FOLLOWING:

PIPE SIZE	MAX. GPM'S
1/2"	6
3/4"	10
1"	16
1 1/4"	28
1 1/2"	35
2"	55
3"	120



EACH CIRCUIT/STATION SHOWN HEREIN HAS THE NUMBER OF GPM'S REQ'D. FOR THAT CIRCUIT/STATION. EACH CIRCUIT/STATION IS DESIGNED BASED ON 50-55PSI AT THE VALVE.

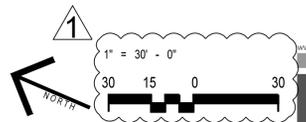
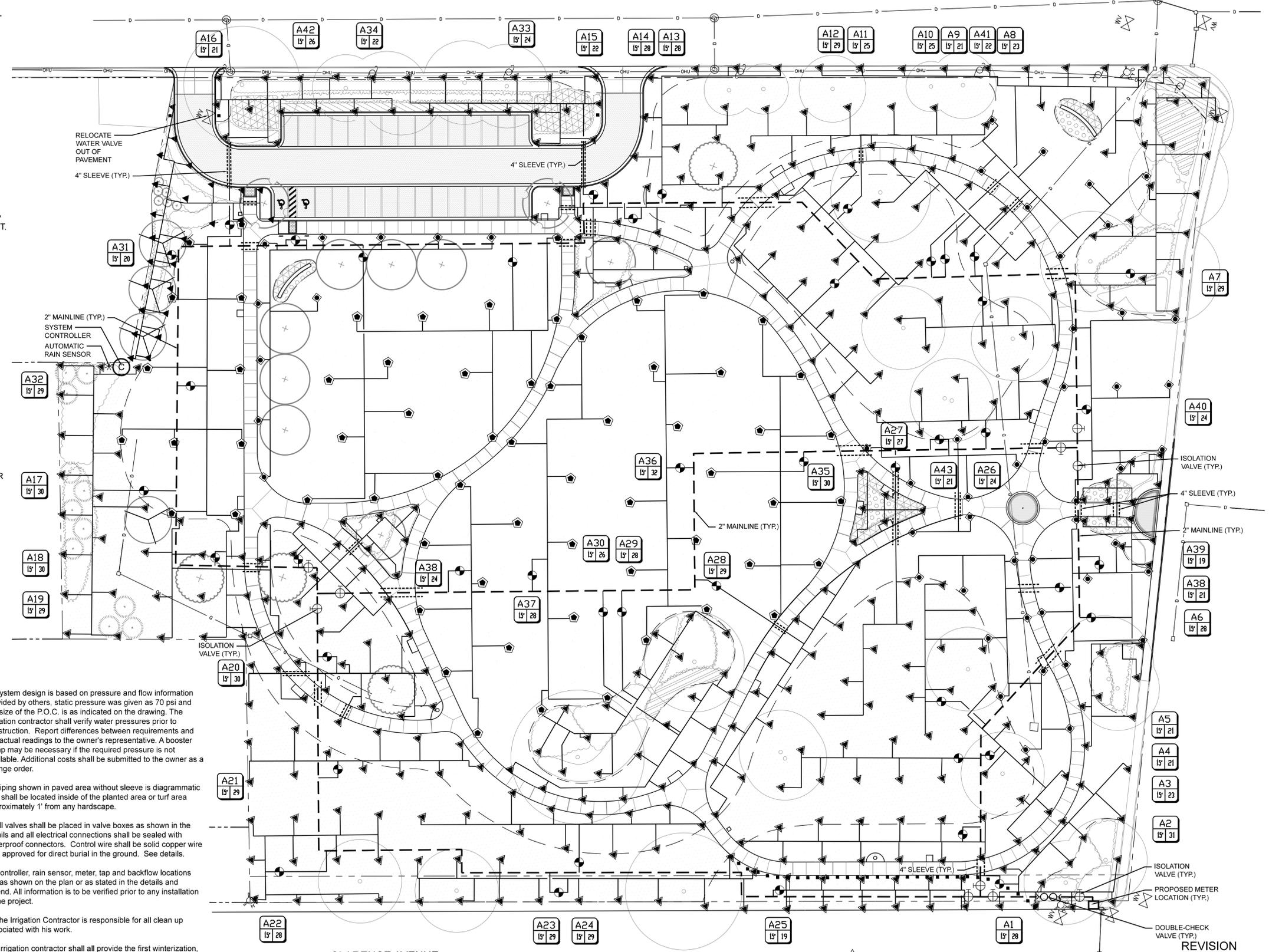
GENERAL NOTES

1. The irrigation system is diagrammatic based upon the information provided by the owner or the owner's representative. The successful contractor is responsible to install a system that will properly cover all areas indicated on the design. Actual layout of piping, sprinkler heads, valves, controllers and other related equipment shall be determined on site. Minor field changes shall be made at no additional cost to the owner.
- It is the responsibility of the irrigation contractor to be familiar with all grade differences, locations of walls, structures and utilities and make the necessary adjustments to accommodate the irrigation system as shown on the drawings. There may be times when it is obvious in the field that unknown obstructions, grades or dimensions that exist might not have been considered in the engineering, such obstructions should be brought to the attention of the owner's authorized representative. In the event that this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions and costs that occur.
2. This system shall be installed using accepted and quality installation standards as used in the industry. All manufacturers specifications will be followed.
3. Mainline shall be buried a minimum of 12" of cover and a maximum of 18" of cover. Lateral line piping a minimum of 12" of cover. All backfill surrounding the pipe shall be cleaned of materials larger than 1" in size. Backfill shall be added in 6" increments and mechanically tamped.
4. There will be no substitutions or changes to the irrigation design allowed without direct, written approval from the Irrigation Consultant.

5. System design is based on pressure and flow information provided by others, static pressure was given as 70 psi and the size of the P.O.C. is as indicated on the drawing. The irrigation contractor shall verify water pressures prior to construction. Report differences between requirements and the actual readings to the owner's representative. A booster pump may be necessary if the required pressure is not available. Additional costs shall be submitted to the owner as a change order.
6. Piping shown in paved area without sleeve is diagrammatic and shall be located inside of the planted area or turf area approximately 1' from any hardscape.
7. All valves shall be placed in valve boxes as shown in the details and all electrical connections shall be sealed with waterproof connectors. Control wire shall be solid copper wire U.L. approved for direct burial in the ground. See details.
8. Controller, rain sensor, meter, tap and backflow locations are as shown on the plan or as stated in the details and legend. All information is to be verified prior to any installation of the project.
9. The Irrigation Contractor is responsible for all clean up associated with his work.
10. Irrigation contractor shall all provide the first winterization, spring turn on, head adjustments and controller maintenance in bid.

HENDERSON AVENUE

NEWLY INSTALLED TREES: CONTRACTOR SHALL PROVIDE A BUBBLER AT THE BASE OF ALL NEWLY PLANTED TREES.



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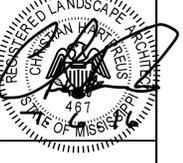
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IRRIGATION PLAN
PASS CHRISTIAN SITE DEMOLITION AND SITE WORK
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
412 WEST BEACH BOULEVARD, PASS CHRISTIAN, MS

APPROVED BY

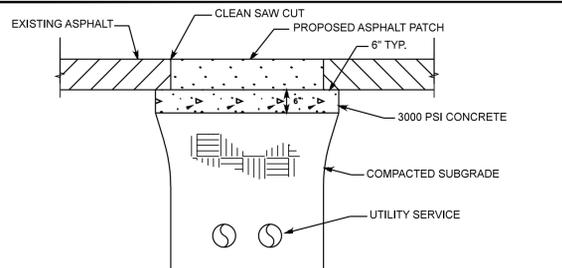
DATE: JUNE 1, 2016
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DRAWN BY: [Signature]
CHECKED BY: CHP



SHEET

L2.0R

OF SHEETS

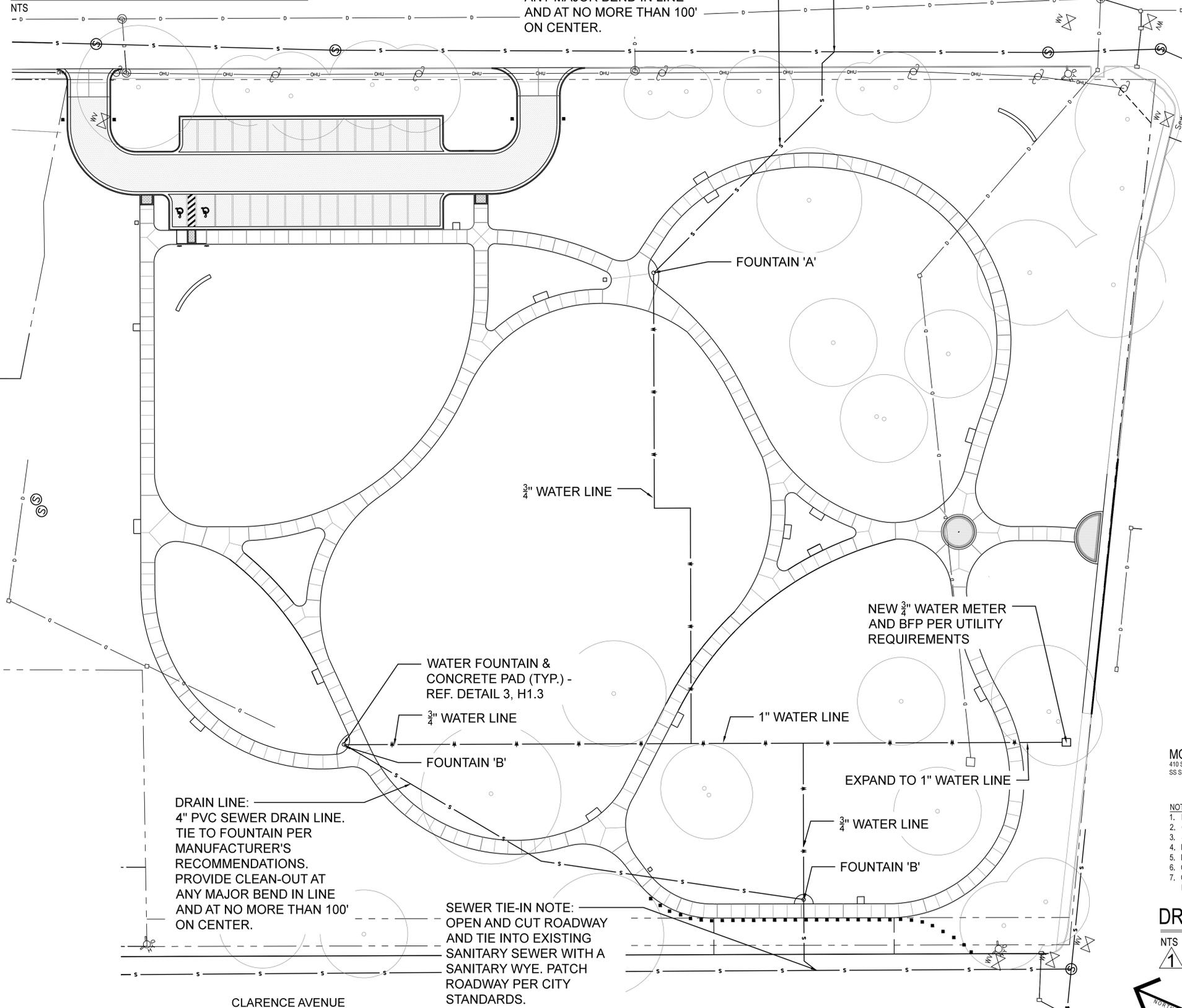


ROAD PATCH FOR UTILITY TRENCH

NOTE:
ALL UTILITY AND ROAD
WORK MUST COMPLY WITH
CITY STANDARDS.

DRAIN LINE:
4" PVC SEWER DRAIN LINE.
TIE TO FOUNTAIN PER
MANUFACTURER'S
RECOMMENDATIONS.
PROVIDE CLEAN-OUT AT
ANY MAJOR BEND IN LINE
AND AT NO MORE THAN 100'
ON CENTER.

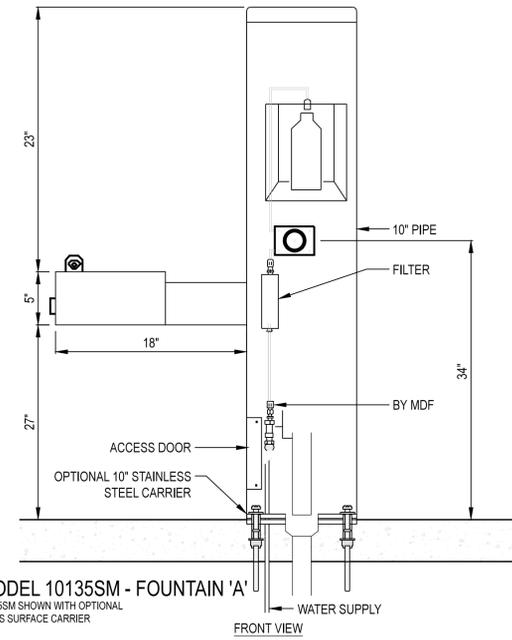
SEWER TIE-IN NOTE:
OPEN AND CUT ROADWAY
AND TIE INTO EXISTING
SANITARY SEWER WITH A
SANITARY WYE. PATCH
ROADWAY PER CITY
STANDARDS.



DRAIN LINE:
4" PVC SEWER DRAIN LINE.
TIE TO FOUNTAIN PER
MANUFACTURER'S
RECOMMENDATIONS.
PROVIDE CLEAN-OUT AT
ANY MAJOR BEND IN LINE
AND AT NO MORE THAN 100'
ON CENTER.

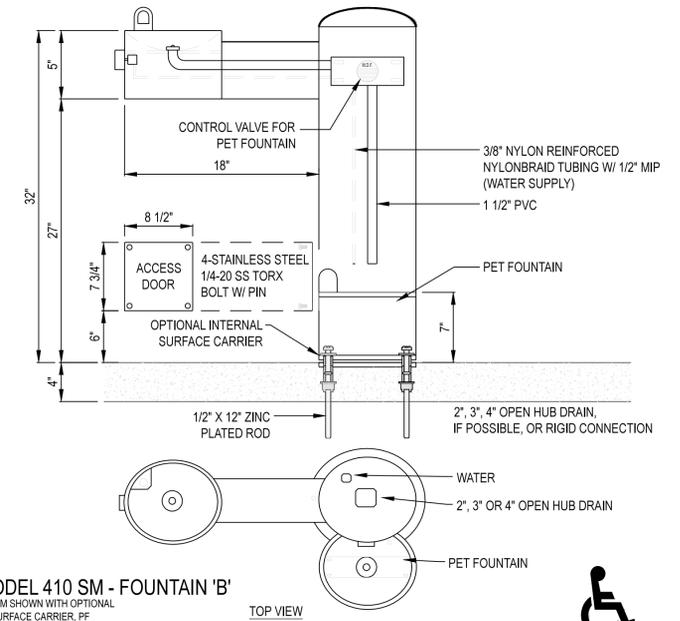
SEWER TIE-IN NOTE:
OPEN AND CUT ROADWAY
AND TIE INTO EXISTING
SANITARY SEWER WITH A
SANITARY WYE. PATCH
ROADWAY PER CITY
STANDARDS.

TOLL FREE: 1-800-552-6331
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www.moldenpreus.com
OR APPROVED EQUAL



MODEL 10135SM - FOUNTAIN 'A'
10135SM SHOWN WITH OPTIONAL
10" SS SURFACE CARRIER

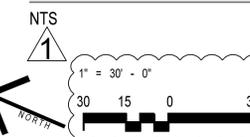
- NOTES:
1. STAINLESS STEEL CARRIER SURFACE.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. DO NOT SCALE DRAWING.
 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, AND COLOR OPTIONS FOR APPROVAL.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3354-17.6. (OR APPROVED EQUAL)



MODEL 410 SM - FOUNTAIN 'B'
410 SM SHOWN WITH OPTIONAL
SS SURFACE CARRIER, PF

- NOTES:
1. MEETS ADA REGULATIONS.
 2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
 3. SHOWN WITH OPTIONAL 10 SS SURFACE CARRIER, ATTACHED PET FOUNTAIN.
 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 5. DO NOT SCALE DRAWING.
 6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, AND COLOR OPTIONS FOR APPROVAL.
 7. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3354-1.32. (OR APPROVED EQUAL)

DRINKING FOUNTAIN AND MOUNTING



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JULY 6, 2016

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ARCHITECTURAL
GROUP

UTILITIES PLAN
PASS CHRISTIAN SITE DEMOLITION AND SITE WORK
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
412 WEST BEACH BOULEVARD, PASS CHRISTIAN, MS

APPROVED BY
APPROVED BY
APPROVED BY

JOB NUMBER: 2014-13
DATE: JUNE 1, 2016
REVISION: JULY 6, 2016
DRAWN BY: [Signature]
CHECKED BY: CHP



REVISION
JULY 6, 2016

SHEET
U1.0R
OF SHEETS

ELECTRICAL LEGEND

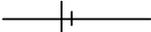
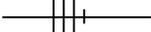
LIGHTING

-  NEW SITE LIGHTING STANDARD
-  IN-GROUND FLOOD LIGHT
-  FLOOD LIGHT
-  LANDSCAPE SPOT LIGHT

SWITCHGEAR

-  JUNCTION BOX
-  NON FUSED SAFETY SWITCH
NEMA 3R AT WET LOCATIONS
-  LIGHT AND POWER PANELBOARD
-  TIME CLOCK
-  LIGHTING CONTACTOR
-  SPECIAL ELECTRICAL CONNECTION
-  IN-GROUND JUNCTION BOX

CONDUIT AND WIRE

-  FLEXIBLE CONDUIT, SEALTITE AT WET LOCATIONS
-  CONDUIT BELOW FLOOR OR CONCEALED IN WALL
-  CONDUIT EXPOSED
-  CIRCUIT CONDUCTORS IN CONDUIT
-  MULTIPLE CIRCUIT CONDUCTORS IN CONDUIT
WITH NEUTRALS
-  GROUND CONDUCTORS IN CONDUIT
-  CIRCUIT HOMERUN TO PANEL BOARD.
XX-XX DENOTES PANEL NAME AND CIRCUIT NUMBER
-  CONTINUATION OF CONDUIT RUN

DEVICES

-  GFI DUPLEX RECEPTACLE - 20A, 120V
WITH IN-USE WEATHERPROOF COVER
-  GFI DUPLEX RECEPTACLE - 20A, 120V
MOUNTED ON POST, SEE DETAIL
-  CODE BLUE STATION, SEE DETAIL

 PHOTOELECTRIC LIGHTING CONTROL, INSTALL ON NEMA 3R
WEATHERPROOF JUNCTION BOX, AT SITE SIGNAGE

MOUNT ALL DEVICES AT +12" ABOVE GRADE, UNLESS NOTED OTHERWISE.
DEVICES SHALL BE INSTALLED ON NEMA 3R WEATHERPROOF BOXES.

Charles Below Grade Enclosures

Molded Polyethylene Handholes for Telecommunications, Utility, CATV and Municipality Placements



Charles Below Grade Enclosures (CBGE) are lightweight, molded polyethylene handholes available in seven tapered rectangular and two round sizes. Designed for light duty placements (parkway/greenbelt applications), these sturdy below grade enclosures serve a variety of purposes in telecommunications, wireless, utility, CATV and municipality networks.

Constructed from high-density polyethylene (HDPE), Charles Below Grade Enclosures are built to provide years of maintenance-free service and superior shelter for buried network components. CBGE allow technicians easy handhole access to splice cases, control valves, slack cable, and other equipment at network junctions. Molded-in or applied nameplates offer convenient identification, and several security bolt patterns are available.

Applications

CBGE are designed to meet or exceed ANSI/SCTE ratings for light duty, pedestrian-only (greenbelt) applications, including:

- Fiber optic and copper slack cable coiling and storage
- Access to sealed cases (splice cases, repeaters, load coils, SmartCoils™, etc.)
- Meter boxes
- Irrigation system and other waterway control valves
- Traffic signal controls
- Ground rods



Product Features

- Structurally rugged, non-metallic molded polyethylene material composition produces enclosures that are durable, lightweight, easy to install, and resistant to chemicals and water
- Tapered sides create maximum usable interior space, and allow both rectangular and round enclosures to be nested for compact shipping and storage
- Deep well bottom edges provide long-term stability in below grade placements
- Variety of drop-in or molded-in nameplates are available, with custom nameplates available via special order
- Multiple molded-in colors available - green, gray, and black
- Skid resistant covers improve safety
- Stainless steel bolts
- Integrated EMS detection available
- Made in the USA



P060010



Appx. Dimensions:
06"W x 00"L x 10"D

Cover Weight:

0.25 lb.

Box Weight:

1.0 lbs.

Assembly Weight:

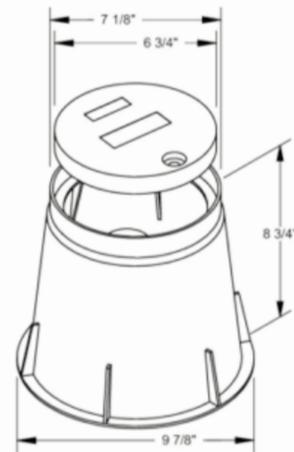
1.25 lbs.

Pallet Quantity:

500

Loaded Pallet Weight:

675 lbs.



P100010



Appx. Dimensions:
10"W x 00"L x 10"D

Cover Weight:

1 lb.

Box Weight:

3 lbs.

Assembly Weight:

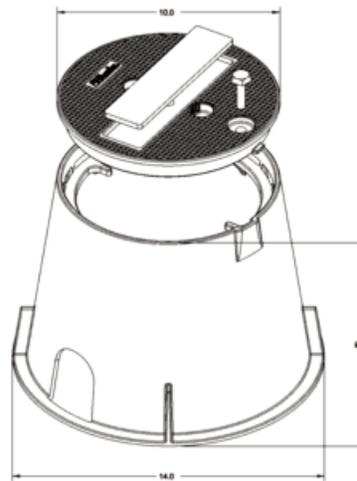
4 lbs.

Pallet Quantity:

100

Loaded Pallet Weight:

450 lbs.



P141912



Appx. Dimensions:
14"W x 19"L x 12"D

Cover Weight:

2 lbs.

Box Weight:

7 lbs.

Assembly Weight:

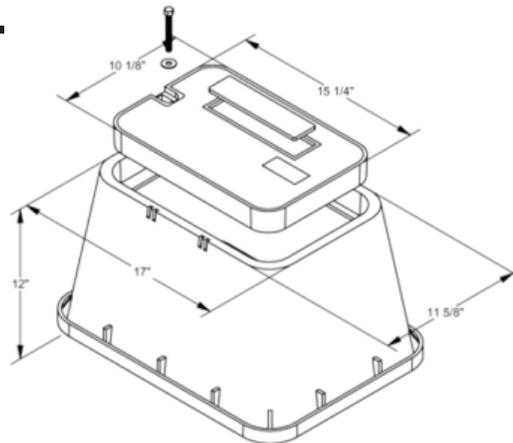
9 lbs.

Pallet Quantity:

100

Loaded Pallet Weight:

950 lbs.



P142015



Appx. Dimensions:
14"W x 20"L x 15"D

Cover Weight:

6 lbs.

Box Weight:

12 lbs.

Assembly Weight:

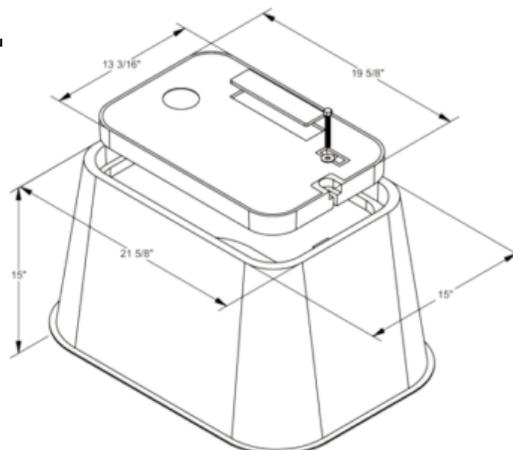
18 lbs.

Pallet Quantity:

100

Loaded Pallet Weight:

1850 lbs.



P132415



Appx. Dimensions:
13"W x 24"L x 15"D

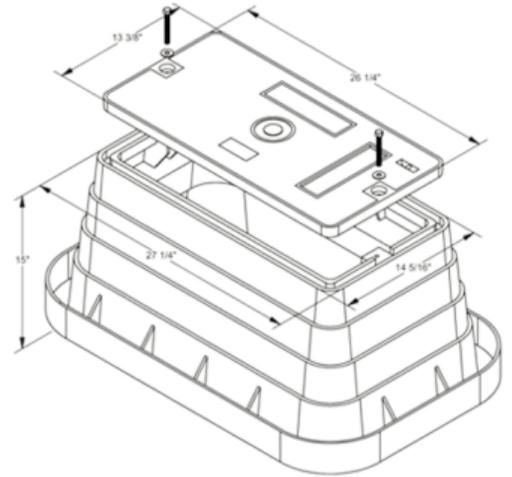
Cover Weight:
5 lbs.

Box Weight:
19 lbs.

Assembly Weight:
25 lbs.

Pallet Quantity:
30

Loaded Pallet Weight:
800 lbs.



P173015



Appx. Dimensions:
17"W x 30"L x 15"D

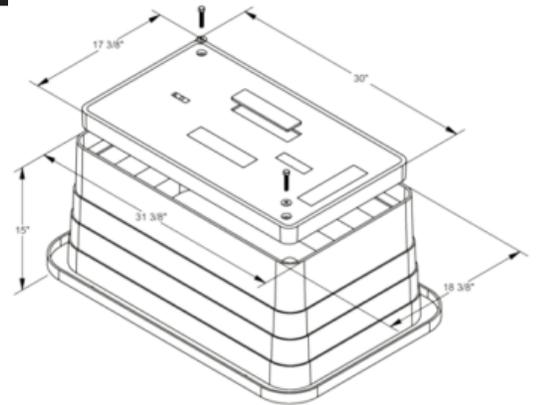
Cover Weight:
11 lbs.

Box Weight:
20 lbs.

Assembly Weight:
31 lbs.

Pallet Quantity:
20

Loaded Pallet Weight:
670 lbs.



P173018



Appx. Dimensions:
17"W x 30"L x 18"D

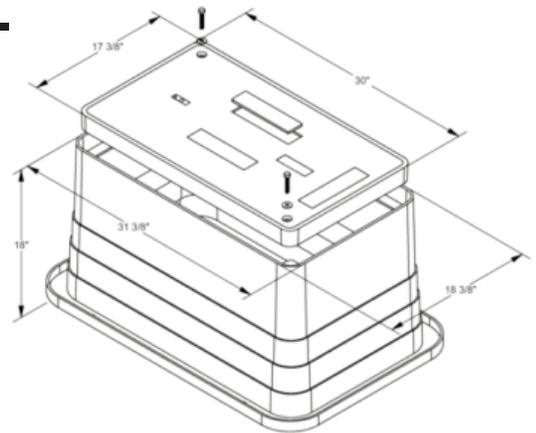
Cover Weight:
10 lbs.

Box Weight:
24 lbs.

Assembly Weight:
35 lbs.

Pallet Quantity:
20

Loaded Pallet Weight:
750 lbs.



P173030



Appx. Dimensions:
17"W x 30"L x 30"D

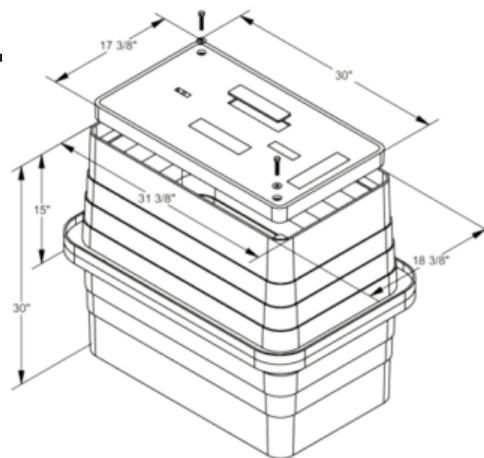
Cover Weight:
11 lbs.

Box Weight:
40 lbs.

Assembly Weight:
51 lbs.

Pallet Quantity:
6

Loaded Pallet Weight:
356 lbs.



P173036

(Not shown - same as P173030 but 6" deeper)

Appx. Dimensions:
17"W x 30"L x 36"D

Cover Weight:
11 lbs.

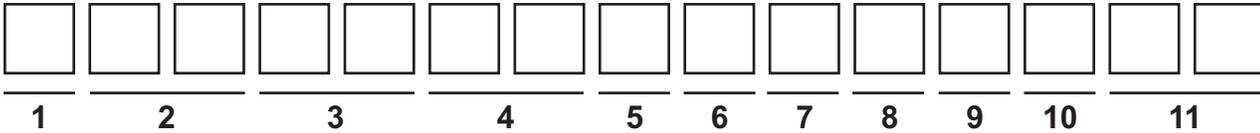
Box Weight:
48 lbs.

Assembly Weight:
59 lbs.

Pallet Quantity:
4

Loaded Pallet Weight:
286 lbs.

Charles Below Grade Enclosures Part # Nomenclature



1 – Product

P = P-Series

2 – Size - Width*

06 = 6 inches
 10 = 10 inches
 13 = 13 inches
 14 = 14 inches
 17 = 17 inches

3 – Size - Length*

19 = 19 inches
 20 = 20 inches
 24 = 24 inches
 30 = 30 inches
 00 = Round

4 – Size - Depth*

10 = 10 inches
 12 = 12 inches
 15 = 15 inches
 18 = 18 inches
 30 = 30 inches
 36 = 36 inches

*For #2-#4, see inside pages for 8 valid size combinations

5 – Type

A = Base/Cover

6 – Base Color

B = Black
 G = Green
 E = Gray

7 – Cover Color

G = Green
 E = Gray

8 – Option**

M = Tapered w/Mouse Hole
 T = Tapered (std.)

**Mouse hole option is only available on 6" and 10" round, and 14"x19"x12" and 14"x20"x15" rectangle sizes.

9 – Bolt Type

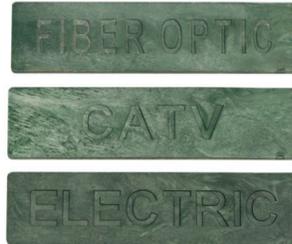
E = Edison Penta-head
 H = Hex-head
 R = REA Penta-head
 X = None

10 – EMS Detection

T = Telephone
 P = Power
 X = None

11 – Name Plate/Customer

CA = CATV
 CU = COMMUNICATIONS
 EL = ELECTRIC
 FO = FIBER OPTIC
 GA = GAS
 GD = GROUND
 LT = LIGHTING
 PW = POWER
 TE = TELEPHONE
 XX = Blank (Filler)
 — = Empty



Name Plate Examples

Charles CBGE are for use in non-vehicular traffic placements only (parkway/greenbelt placements). We do not recommend installation in concrete or asphalt. Dimensions may vary marginally.

Please call (847) 806-6300 for sales assistance and additional product information, including availability of custom options.



INNOVATIVE ENCLOSED SOLUTIONS™



Dependable Solutions, Superior Support

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

Visit our website at <http://www.charlesindustries.com>

Charles Industries, Ltd. Voice: (847) 806-6300
 Telecommunications Group Fax: (847) 806-6231
 E-mail: mktsterv@charlesindustries.com



D-OSP148-C16

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**REVISED PROPOSAL FORM
SECTION 00300R**

To: Department of Marine Resources
1141 Bayview Avenue
Biloxi, MS

Re: Project # _____
Project Title PASS CHRISTIAN – SITE DEMOLITION AND SITE WORK (REBID)
Location PASS CHRISTIAN, MS

I propose to complete all work in accordance with the Project Manual and Drawings within 90 consecutive calendar days for the sum of: (Professional must specify number of days)

BASE BID: (Write in the amount of the base bid in words and numbers. The written word shall govern.)

_____ Dollars (\$_____)

ALTERNATES: (Write in the amount of all of the alternates in words and numbers. The written word shall govern.)

Alternate #1 (X) Adds () Deducts

_____ Dollars (\$_____)

Description Landscape Planting (as per plans)

Alternate #2 (X) Adds () Deducts

_____ Dollars (\$_____)

Description Landscape Lighting

Alternate #3 (X) Adds () Deducts

_____ Dollars (\$_____)

Description Maintenance Access Area

ADDENDA ACKNOWLEDGMENT: (date below can be the date Addendum was issued OR the date Addendum was received by Bidder)

No. _____ Date _____ No. _____ Date _____

No. _____ Date _____ No. _____ Date _____

↑Complete all lines including #1↑

ACCEPTANCE:

I certify that I am authorized to enter into a binding contract, if this Proposal is accepted.

Signature _____ Date _____

Name and Title _____

Name of Business _____

Complete spelling of bidder's name and address - **exact as recorded at the Secretary of State**
[<http://www.sos.state.ms.us/busserv/corp/soskb/csearch.asp>] which should be the same as you applied for
at the Mississippi State Board of Contractors [<http://www.msbc.us/Search2.CFM>] (see 2.07, 3.01, 5.01)

PLEASE LOOK IT UP at SoS. SoS rules when the 2 are different.

Address _____ (mailing)

Address _____ (physical)

City/State/Zip Code _____ County _____

Phone _____ Fax _____ Email _____

■ Bidder's Certificate of Responsibility Numbers(s): _____

■ MINORITY BUSINESS ENTERPRISE? Yes _____ No _____ (to assist with Code 57-1-57)

■ Attach copy of Non-Resident Bidder's Preference Law (5.04 of Bidder's Checklist)

■ **Mechanical / Plumbing / Electrical Contractors:** (modified Dec 2013)

Regarding said Divisions of the Specifications of the BoB Standard Form of Agreement Between The Owner and The Contractor

List any Mechanical/Plumbing and/or Electrical Sub-Contractors that will perform work of this contract. COR must be included where sub-contract exceeds \$50,000.00. If no sub-contractor is listed, and such work is within scope of contract, bidder's own COR classification(s) must be sufficient to self-perform any such work. If no sub-contractor is listed, then use of sub-contractor to perform such scope will not be permitted. This is in accordance with 5.05 and 5.06 of the Bidder's Checklist revised below.

Mechanical Contractor: _____ Certificate of Responsibility No. _____

Plumbing Contractor: _____ Certificate of Responsibility No. _____

Electrical Contractor: _____ Certificate of Responsibility No. _____

■ Mississippi Department of Agriculture & Commerce

Bureau of Plant Industry

Landscape License Number _____ MS Code 69-19-1 – 69-19-15

↑Complete for prime landscaping projects