MASS DEVELOPMENT PATTON ROAD AND BULGE ROAD INTERSECTION AND IMPROVEMENTS DEVENS, MA



READING, MA | BOSTON, MA | FOXBOROUGH, MA | WORCESTER, MA | WOBURN, MA | CATAUMET, MA | CHATHAM, MA | SOUTH YARMOUTH, NH | MANCHESTER, NH | WATERBURY, VT | ROCKY HILL, CT | ALBANY, NY | HOPEWELL JUNCTION, NY | CHARLESTON, SC | COLUMBIA, SC | FORT MYERS, FL





-					
	DRAWING INDEX				
SHEET	TITLE				
G000	COVER AND SHEET LIST				
G001	NOTES, LEGEND, AND ABBREVIATIONS				
C101	OVERALL PLAN				
C201	ROADWAY CONSTRUCTION PLAN (SHEET 1 OF 3)				
C202	ROADWAY CONSTRUCTION PLAN (SHEET 2 OF 3)				
C203	ROADWAY CONSTRUCTION PLAN (SHEET 3 OF 3)				
C204	INTERSECTION PLAN				
C301	BULGE ROAD PROFILE				
C401	GRADING AND UTILITY PLAN (SHEET 1 OF 3)				
C402	GRADING AND UTILITY PLAN (SHEET 1 OF 3)				
C403	GRADING AND UTILITY PLAN (SHEET 1 OF 3)				
C601	TYPICAL SECTIONS				
C701	DETAILS (SHEET 1 OF 3)				
C702	DETAILS (SHEET 2 OF 3)				
0702					



Weston & Sampson Engineers, Inc. 100 Foxborough Boulevard, Suite 250 Foxborough, MA 02035 978.532.1900 800.SAMPSON www.westonandsampson.com

Issued Date:



COA

COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY.

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE

OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.



Know what's **below**. **Call** before you dig.

Issued For:

PERMITTING

DDODOCED I ECENID

SYMBOL	DESCRIPTION			
	CATCH BASIN			
	CURB (OR BERM)-TYPE NOTED EDGE OF ROAD			
	HANDHOLE (NUMBER AS NOTED)			
SMH	SEWER MANHOLE			
O DMH	DRAINAGE MANHOLE			
8	GAS GATE			
M A	WATER GATE VALVE HYDRANT			
	LEACHING GALLEY			
фь	LIGHTPOLE			
D	DRAIN PIPE			
s	SEWER MAIN			
E	GAS MAIN			
GAS — W	WATER MAIN			
они — они —	OVERHEAD WIRES			
— T—— ——	TELEPHONE/COMMUNICATIONS/FIRE ALARM			
	GUARD RAIL (SIZE AND TYPE NOTED)			
	HIGHWAY / PROPERTY BOUND (TYPE NOTED)			
LABEL / DATE	CITY OR TOWN OR COUNTY LAYOUT LINE			
	CITY, TOWN OR COUNTY BOUNDARY			
$\frac{12}{10000000}$	BASE OR SURVEY LINE			
WCR	CENTERLINE OF CONSTRUCTION			
	WHEELCHAIR RAMP (WCR)			
SEE PLANS	TREE (SIZE AND TYPE NOTED)			
SEE PLANS	FENCE (SIZE AND TYPE NOTED)			
<u> </u>	EASEMENT LINE			
M#.#.#	MASSHIGHWAY STANDARD			
	SPECIFICATION REFERENCE NUMBER			
TP1				
	MONITORING WELL			
•	UTILITY POLE			
•	FLAG POLE			
- 0 -	SIGN			
	TREE LINE			
	SAWCUT			
·	TEMPORARY FENCE			
	EROSION CONTROL (SPECIFIED ON PLANS)			
	LIMIT OF WORK			

NOTE: 1. ITEMS SHOWN IN THE LEGEND MAY NOT BE PRESENT IN THESE PLANS 2. REFER TO LEGEND ON EXISTING CONDITIONS PLAN (C101) FOR EXISTING LEGEND

ABBREVIATIONS

W/O

	ASBESTUS CEMENT PIPE
ACCMP	ASPHALT COATED CORRUCATED METAL PIPE
ARV	RELEASE VALVE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATE
BB	BOTTOM BERM
BC	BITUMINOUS CONCRETE
BCLC	BITUMINOUS CONCRETE LIP CURB
BI DC	BITUMINOUS
BLUG	BUILDING
	BENCH MARK
BV	
CATV	
CB	CADLE TELEVISION CATCH BASIN
CC	CONCRETE CURB
Cl	CAST IRON
Ç	CENTERLINE
ĊĹ	CEMENT LINED
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CTE	CONNECT TO EXISTING
CU FT	CUBIC FEET
CY	CUBIC YARD
D	STORM DRAIN, DEPTH FROM RIM TO INVERT
	DRUP INLET, DUCTILE IRUN
DMH	
DWG	DRAWING
E	FAST. FLECTRIC
ĒA	EACH
EF	EACH FACE
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EQ	EQUIPMENT
EW	EACH WAY
	FLAKED END
FI	
FIG	FLANGE
FT	FFFT FOOT
G	NATURAL GAS
GALV	GALVANIZED
GC	GRANITE CURB
GR	GUARDRAIL
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
	HIGH PRESSURE
INV	INVERT
ID	INSIDE DIAMETER
ÎP	IRON PIPE
LB	POUND
LF	LINEAR FEET
LS	LUMP SUM
MAX	MAXIMUM
MB	MAIL BOX
MIN	
MIN MISC	MINIMUM MISCELLANEOUS
MIN MISC MJ	MINIMUM MISCELLANEOUS MECHANICAL JOINT
MIN MISC MJ MON	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT
MIN MISC MJ MON N	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH
MIN MISC MJ MON N N/A	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE
MIN MISC MJ MON N N/A NE	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST
MIN MISC MJ MON N N/A NE NE	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST
MIN MISC MJ MON N N N N N N K N W NF	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND
MIN MISC MJ MON N N/A NE NW NF N/F	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER
MIN MISC MJ MON N N/A NE NW NF NF N/F NO OR # N T S	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER
MIN MISC MJ MON N N/A NE N/A NF N/F NO OR # N,T.S. OD OHU	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE DEDESTRIAN
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PED	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINF
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PED PED	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PI ATF
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PED PL PSMH	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PCCP PDMH PE PED PL PED PL PSMH PROP	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PSMH PROP PVC	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PSMH PROP PVC PVMT	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PSMH PROP PVC PVMT RCP	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PCP PDMH PE PED PL PSMH PROP PVC PVMT RCP REM	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY
MIN MISC MJ MON N N/A NE NW NF N/F N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE RELOCATE & RESET
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH
MIN MISC MJ MON N N/A NE NW NF N/F N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PCP PDMH PE PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SE	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION
MIN MISC MJ MON N N/A NE NW NF N/F N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PCCP PDMH PE PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVNYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SCILADE EET
MIN MISC MJ MON N N/A NE NW NF N/F NO OR # N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NORTH EAST NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE STAINIESS STEEL
MIN MISC MJ MON N N/A NE NW NF N/F N/F NO OR MU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NORTH NORTH EAST NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED DANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N/F NO OR PCB PCCP PDMH PE PED PL PED PL PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA ST	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL
MIN MISC MJ MON N N/A NE NW NF N/F N/F NO OR MU PCB PCCP PDMH PE PED PL PED PL PED PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PL PED PL PED PL PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE
MIN MISC MJ MON N N/A NE NW NF N/F NO OR MU PCB PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T B	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TBM	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TB TB TB TB TF	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TB M TF THK	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME THICK (NESS)
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TB M TF THK TYP	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEVER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME THICK (NESS) TYPICAL UTILITY POI
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N/F NO OR PCCP PDMH PE PED PL PSMH PROP PVC PVMT RCP PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R S SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TB M F THK TYP UP	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PEDESTRIAS PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME THICK (NESS) TYPICAL UTILITY POLE UNDERGROUND STORAGE TANK
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PED PED PED PED PED PED PED PED	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEVER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BRAME THICK (NESS) TYPICAL UTILITY POLE UNDERGROUND STORAGE TANK VERTICAL
MIN MISC MJ MON N N/A NE NW NF N/F NO OR N,T.S. OD OHU PCB PCCP PDMH PE PED PL PED PL PED PED PED PED PED PED PED PED PED PED	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DAAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REINFORCED CONCRETE PIPE REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME THICK (NESS) TYPICAL UTILITY POLE UNDERGROUND STORAGE TANK VERTICAL WATER, WEST
MIN MISC MJ MON N N/A NE NW NF N/F NO OR M N/F NO OR M N/F NO OR PCC PDMH PE PED PL PSMH PE PED PL PSMH PROP PVC PVMT RCP REM ROW RQD R,R&R SE SECT SF SHT SMH SPEC SQ FT SS STA STL SW T TB TB M F THK TYP UP UST VERT W W/	MINIMUM MISCELLANEOUS MECHANICAL JOINT MONUMENT NORTH NOT APPLICABLE NORTH EAST NORTH WEST NOT FOUND NOW OR FORMERLY NUMBER NOT TO SCALE OUTSIDE DIAMETER OVERHEAD UTILITY PROPOSED CATCH BASIN PRESTRESSED CONCRETE CYLINDER PIPE PROPOSED DRAINAGE MANHOLE PLAIN END, POLYETHYLENE PEDESTRIAN PROPERTY LINE PLATE PROPOSED SANITARY MANHOLE PROPOSED SANITARY MANHOLE PROPOSED POLYVINYL CHLORIDE PAVEMENT REINFORCED CONCRETE PIPE REMOVE RIGHT-OF-WAY ROCK QUALITY REMOVE, RELOCATE & RESET SEWER, SOUTH SOUTH EAST SECTION SQUARE FEET SHEET SANITARY SEWER MANHOLE SPECIFICATIONS SQUARE FEET SEWER SERVICE, STAINLESS STEEL STATION STEEL SIDEWALK,SOUTH WEST HYDROSTATIC THRUST, TELEPHONE TOP OF BERM TEMPORARY BENCH MARK TOP OF FRAME THICK (NESS) TYPICAL UTILITY POLE UNDERGROUND STORAGE TANK VERTICAL WATER, WEST WITH

CONSTRUCTION NOTES:

IETAL	. PIPE	AIR
AND	MATER	RIALS

- THE CONTRACTOR SHALL CALL "DIG SAFE"AT 1-800-DIG-SAFE OR 811 AT LEAST 72 HOURS, SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED, PRIOR TO EXCAVATING AT ANY LOCATION. A COPY OF THE DIG SAFE PROJECT REFERENCE NUMBER(S) SHALL BE GIVEN TO THE OWNER PRIOR TO EXCAVATION.
- 2. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN. CONTRACTOR SHALL DIG TEST PITS AS NEEDED TO LOCATE THESE ITEMS. DIGGING OF TEST PITS SHALL BE INCIDENTAL TO THE PROJECT.
- 3. TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- 4. STONE WALLS, FENCES, MAIL BOXES, SIGNS, CURBS, LIGHT POLES, SIDEWALKS, ETC., SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
- 5. ALL PAVEMENT DISTURBED BY THE CONTRACTOR'S OPERATIONS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 6. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND THE LIMITS OF WORK SHALL BE RESTORED AT NO ADDITIONAL COST TO THE OWNER.
- 7. THE CONTRACTOR SHALL NOT STORE ANY APPARATUS, MATERIALS, SUPPLIES, OR EQUIPMENT ON DRAINAGE STRUCTURES OR WITHIN 100 FEET OF WATERCOURSE.
- 8. CONTRACTOR SHALL VISIT AND EXAMINE THE SITE TO FULLY UNDERSTAND ALL THE CONDITIONS PERTAINING TO THE WORK, UNDERSTAND DIFFICULTIES TO BE ENCOUNTERED. UNDERSTAND THE SCOPE OF THE DEMOLITION WORK FOR ALL SYSTEMS WHETHER SHOWN OR DESCRIBED AT NO ADDITIONAL COST TO THE OWNER. THE EXACT LOCATION OF EXISTING PIPE, BUILDINGS, SERVICES, ETC. ARE TO BE FIELD VERIFIED.
- 9. CONTRACTOR TO VERIFY ALL DIMENSIONS, CLEARANCES, ELEVATIONS, TYPES AND SIZES OF EXISTING PIPES AND BUILDINGS. CONTRACTOR SHALL MODIFY THE PROPOSED HEADWALL DIMENSIONS BASED ON THE EXISTING DRAIN PIPE SIZE, IF NECESSARY PER MASSDOT DETAILS AND SPECIFICATIONS.
- 10. ALL WORK UNDER THIS CONTRACT SHALL BE LIMITED TO THE "LIMIT OF WORK" BOUNDARY SHOWN ON THE DRAWING.
- 11. DEMOLITION OF CONCRETE AND DEBRIS MATERIAL SHALL IMMEDIATELY BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS UNLESS OTHERWISE REQUIRED BY THE ENGINEER. SURPLUS SOIL SHALL BE SAMPLED/ DISPOSED OFF SITE.
- 12. IF UNSUITABLE MATERIAL IS ENCOUNTERED IN STRUCTURAL AREAS OR AREAS OF PROPOSED PAVEMENT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- 13. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROLS FOR THE DURATION OF THE PROJECT. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE FURNISHED, INSTALLED, MAINTAINED, AND REPLACED BY THE CONTRACTOR AS NEEDED TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT LEAVE THE LIMIT OF WORK.
- 14 CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LOCAL, STATE, AND UTILITY PERMITTING.
- 15. THE LATEST ORDER OF CONDITIONS FROM THE LOCAL CONSERVATION COMMISSION (IF APPLICABLE) SHALL BE INCLUDED AND IN FORCE FOR THIS CONTRACT.

GENERAL SURVEY NOTES:

- MARCH 22, 2016.
- PREMISES.

1. EXISTING CONDITIONS INFORMATION IS BASED ON THE ON-THE-GROUND FIELD SURVEY CONDUCTED BY WSP BETWEEN MARCH 1, 2016 TO MARCH 11, 2016, DATED

2. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND RECORD DRAWINGS AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED

3. BEARINGS BASED ON 1983 MASS STATE PLANE COORDINATE SYSTEM & CONTROL SURVEY BY CHAS. H. SELLS, INC. APRIL 2002.

4. ALL COORDINATES SHOWN HEREON ARE IN RELATIONSHIP TO THE DEVENS, MA CONTROL NETWORK AND GEOGRAPHIC INFORMATION SYSTEMS(GIS). REFERENCE IS MADE TO THE CONTROL SURVEY AND REPORT ENTITLED, "SURVEY CONTROL REPORT FOR DEVENS, MASSACHUSETTS" PREPARED FOR MASSACHUSETTS DEVELOPMENT FINANCE AGENCY, BY CHAS. H. SELLS, INC DATED APRIL 8, 2002. ALL COORDINATES AREA ON THE MASSACHUSETTS MAINLAND STATE PLANE SYSTEM (NAD 1983).

MASS DEVELOPMENT		
MASSDEVELOPMENT		
BULGE ROAD AND PATTON ROAD INTERSECTION AND IMPROVEMENTS		
DEVENS, MA		
Weston & Sampsor		
Weston & Sampson Engineers, Inc. 100 Foxborough Boulevard, Suite 250 Foxborough, MA 02035		
978.532.1900 800.SAMPSON www.westonandsampson.com		
Consultants:		
Devisionar		
Revisions: No. Date Description		
Seal:		
LAURENCE F.		
NO: 33708		
Samenee Reiga J		
COA: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE		
EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE		
DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY.		
WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.		
Issued For:		
PERMITTING		
PERMITTING Scale: NO SCALE		
PERMITTING Scale: NO SCALE Date: FEBRUARY 2022 Descent Date: FC		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFK		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFK		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:ENG21-0922		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:ENG21-0922		
PERNITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:Drawing Title:		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922Drawing Title:State of the second		
PERMITTINGScale:NO SCALEDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:State State Sta		





	Project: DEVENS ENTERPRISE MASS DEVELOPMENT
	BULGE ROAD AND PATTON ROAD INTERSECTION AND IMPROVEMENTS DEVENS, MA
PROPERTY CURRENTLY UNDER CONSTRUCTION. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES AND PAVING WITH CONSTRUCTION OF 16 BULGE ROAD. CONTRACTOR SHALL MAINTAIN ACCESS TO 16 BULGE ROAD THROUGHOUT THE ROADWAY IMPROVEMENT PROJECT.	Weston & Sampson Engineers, Inc. 100 Foxborough Boulevard, Suite 250 Foxborough, MA 02035 978.532.1900 800.SAMPSON www.westonandsampson.com
OVE PIPE LIMIT OF GRADING (TYP) BIT. CURB, TYPE 3 PROP. 6' GRASS STRIP PROP. 6' GRASS STRIP PROP. 6' GRASS STRIP CONC. SIDEWALK LOAM & SEED SAWCUT CONC. SIDEWALK CONC. SIDEWALK CO	Revisions: No. Date Description
DYCL <u>B (PROP INLET)</u> <u>SMI</u> <u>B (PROP INLET)</u> <u>B (PROP INLET)</u> <u>C B (PROP INLET)</u> <u>C C B (PROP INLET)</u> <u>C C B (PROP INLET)</u> <u>C C B (PROP INLET)</u> <u>C C C D HMA BERM LIMIT OF</u> <u>C C MPOST</u> FILTER TUBES <u>C T YP</u>)	Seal:
	COA: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN.
0 20 50 100 SCALE: 1" = 20'	PERMITTINGScale:1"=20'Date:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:ENG21-0922
	Drawing Title: ROADWAY CONSTRUCTION PLAN PLAN SHEET 1 OF 3 Sheet Number: C201









BULGE RD - STA 20+00 - 25+50



C301



DRAINAGE STRUCTURE TABLE					
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT
CB1	10+56.04	10.62 LT	321.17		I=317.67' (DMH1)
CB2	10+48.59	11.00 RT	321.21		I=317.72' (DMH2)
CB3	13+18.40	10.00 RT	319.57		I=316.03' (DMH3)
CB4	13+18.70	10.00 LT	319.63		I=316.13' (DMH3)
CB5	15+18.69	10.00 RT	317.04		I=313.54' (DMH4)
CB6	15+18.03	10.00 LT	317.14		I=313.59' (DMH4)
DMH2	10+58.74	5.00 RT	321.99	l=317.66' (CB2) l=316.97' (DMH1)	l=316.87' (DMH3)
DMH3	13+26.42	3.50 RT	319.67	I=315.24' (DMH2) I=315.95' (CB3) I=316.07' (CB4)	I=315.24' (DMH4)
DMH4	15+30.14	3.50 RT	316.77	I=313.31' (DMH3) I=313.32' (CB5) I=313.32' (CB6)	I=313.21' (DMH5)





				DRAINAG	SE STRUC
		NAME/TYPE	STATION	OFFSET	RIM ELE
		CB5	15+18.69	10.00 RT	317.04
		CB6	15+18.03	10.00 LT	317.14
		CB7	17+16.95	10.00 LT	306.83
		CB8	17+18.42	10.00 RT	306.77
		CB9	19+63.94	12.02 LT	291.79
		CB10	18+80.45	12.00 RT	296.47
1 5		CB12	20+66.56	11.97 RT	285.21
8"-VC		DMH4	15+30.14	3.50 RT	316.77
SMIT RIM=315.06'	-	DMH5	16+53.36	3.50 RT	310.50
	_	DMH6	17+23.19	3.68 RT	306.61
	_	DMH7	18+04.26	5.00 RT	301.29
APPLE		DMH8	18+84.64	4.99 RT	296.35
• 10"PINE	- SEWER PIPE AND MANHOLES BY OTHERS	DMH9	19+49.15	4.94 LT	292.52
65 LF - 15" RCP S=0.083 FT/FT	(SHOWN FOR INFORMATION ONLY)	DMH10	20+61.85	4.51 RT	285.64
304.81 305.03 304.8 304.8 304.8 304.8 304.8 301.52 70		DROP INLET RIM=295.84'	300		10
7 LF - 15" RCP S=0.077 FT/FT 301.43	298.22			292.26	S
DMH7 78 LF - 15" RCP S=0.044 FT/FT		19 - 295 19 - 295.5 - 295.33 - 295.33			292.59
MH (BY OTHERS) INV IN = 289.8 NV OUT = 288.0	SMH (BY OTHERS) INV IN = 287.4 INV OUT = 284.7	LF - 12" RCP =0.019 F1DMH8			CTE SM



Project: DEVENS ENTERPRISE MASS DEVELOPMENT
MASSDEVELOPMENT
BULGE ROAD AND PATTON ROAD INTERSECTION AND IMPROVEMENTS
DEVENS, MA
Weston & Sampsoñ
Weston & Sampson Engineers, Inc. 100 Foxborough Boulevard, Suite 250 Foxborough, MA 02035
www.westonandsampson.com
Consultants:
Revisions:
No. Date Description
Seal:
LAURENCE F. KEEGAN, JR. CIVIL
Particisteres at the and
Gourier
COA: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME
LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND
ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED
HEREIN.
PERMITTING
Scale: 1"=20'
Date: FEBRUARY 2022
Reviewed By: LFK
Approved By: LFK
W&S File No.: ENG21-0922
Drawing Title:
GRADING AND
· · · · -
UTILITY PLAN SHEET 2 OF 3
UTILITY PLAN SHEET 2 OF 3
UTILITY PLAN SHEET 2 OF 3 Sheet Number:

DRAINAGE STRUCTURE TABLE					
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT
CB11	21+32.99	11.98 LT	281.38		I=277.81' (DMH11)
CB12	20+66.56	11.97 RT	285.21		I=277.81' (DMH10)
CB13	24+54.34	12.00 RT	266.04		I=263.00' (SWTU-1)
CB14	24+55.16	11.94 LT	266.02		I=263.00' (SWTU-1)
DMH10	20+61.85	4.51 RT	285.64	I=282.33' (DMH9) I=277.28' (CB12)	I=282.33' (DMH11)
DMH11	21+45.11	6.97 RT	280.85	I=277.27' (DMH10) I=277.28' (CB11)	I=276.93' (DMH12)
DMH14	23+63.20	58.74 RT	276.49	l=263.34' (OCS2) l=271.20' (OCS1)	I=263.34' (DMH15)
DMH15	22+50.00	161.44 RT	267.07	I=262.74' (DMH14)	TO BE VERIFIED
FES1	22+42.73	30.47 RT	274.91	I=273.00' (DMH12)	
OCS1	23+15.89	53.42 RT	275.00		I=271.50' (DMH14)
OCS2	24+06.87	31.85 LT	265.50		I=263.83' (DMH14)
SWTU-1	24+40.61	9.63 LT	267.20	I=262.86' (CB14) I=262.86' (CB13)	I=262.86' (FES2)

CONTRACTOR SHALL DIG A TEST PIT – TO DETERMINE ELEVATION OF EXISTING DRAIN LINE AND NOTIFY ENGINEER IF CONFLICT EXISTS WITH PROPOSED DRAINAGE

DMH12-19 LF - 12" RCP S=0.024 FT/FT 12 LF - 12" RCP S=0.048 FT/FT CULVERT •_-107 LF - 15" RCP - - DMH10--80 LF - 15" RCP S=0.061 FT/FT 19 __49 LF - 15" RCP DROP_INLET ____S=0.059 FT/FT -_____7 く S=0.043 FT/FT CB9 CB11_ 278,28-¹280.48 278.54 <u>286.</u>18 ₽289.2 122 -280.7/~ 20 $-\otimes$ 283.45-1 ²286.48 280.48 CB12 - CB Bulge Road DMH1 5 LF - 12" RCP S=0.060 FT/FT PROP DRAINAGE SWALE SEDIMENT · FORBAY INFILTRATION BASIN 1

> 0 20 50 100 SCALE: 1" = 20'



Project: DE\ MAS	/ENS ENTERPRISE SS DEVELOPMENT
	AassDevelopment
BULGE R(IN1 II	OAD AND PATTON ROAD TERSECTION AND MPROVEMENTS
	DEVENS, MA
Westo	n&Sampsor
Weston 100 Foxb Fc 978.532.1900	& Sampson Engineers, Inc. borough Boulevard, Suite 250 bxborough, MA 02035 800.SAMPSON
www. Consultants:	westonandsampson.com
Revisions:	
No. Date	Description
Sau	LAURENCE F. KEEGAN, JR. CIVIL NO: 33708 REGISTERES NO: 33708 REGISTERES NO: 33708 REGISTERES NO: 33708 REGISTERES REGISTE
COA: COPYRIGH THIS DRAWI EXCLUSIVE US LISTE	T © 2019 BY WESTON & SAMPSON NG HAS BEEN PREPARED FOR THE SE OF THE CLIENT & PROJECT NAME ED ON THIS DRAWING ONLY.
REPRODUCTIC DRAWING CONT ON OTHER F WESTON & SAM OF THE INTE	N, RELEASE OF UTILIZATION OF THE TENT BY OTHER CLIENTS / FIRMS AND PROJECTS IS PROHIBITED BY LAY. IPSON RETAINS THE EXCLUSIVE USE ELLECTUAL PROPERTY CONTAINED HEREIN
Issued For:	
PE	ERMITTING
Scale:	1"=20'
Date:	FEBRUARY 2022
Drawn By: Reviewed Bv:	EC LFK
Approved By:	LFK
W&S Project N W&S File No.:	No.: ENG21-0922
Drawing Title:	
GR UT SH	ADING AND TILITY PLAN IEET 3 OF 3
Sheet Number:	~ 4 ○ 2



PAVEMENT NOTES

PAVEMENT MILLING AND OVERLAY:

1.75" HMA SURFACE COURSE OVER 1.75" PAVEMENT MICRO MILLING

FULL DEPTH RECLAMATION:

1.75" HMA SURFACE COURSE OVER 2.25" BINDER COURSE OVER 12" RECLAIMED PAVEMENT BORROW W/ CRUSHED STONE FOR BLENDING

RECLAMATION OF EXISTING PAVEMENT:

12" EXISTING PAVEMENT

HOT MIX ASPHALT DRIVEWAY OR HOT MIX ASPHALT SIDEWALK

1 1/2" HMA SURFACE COURSE OVER 2" HMA BINDER COURSE OVER 8" GRAVEL BORROW, TYPE B

CEMENT CONCRETE WHEELCHAIR RAMP:

4" CEMENT CONCRETE OVER

8" GRAVEL BORROW, TYPE B

TACK COAT:

TACK COAT SHALL BE APPLIED AT RATE OF 0.07 GALLON PER SQUARE YARD OVER MILLED SURFACES AND 0.05 GALLON PER SQUARE YARD OVER SMOOTH PAVED SURFACES

	Project: DEVENS MASS DE	ENTERPRISE VELOPMENT
BULGE ROAD AND PATTON ROAD INTERSECTION AND IMPROVEMENTS DEVENS, MA CONSIDIATION OF PARTON ROAD INTERSECTION AND SUBJECTION OF THE SUBJECTION OF THE SUBJECTION OF THE SUBJECTION OF TH	MASS	Development
INPROVEMENTS DEVENS, MA INPROVEMENTS DEVENS, MA INPROVEMENTS Sector S	BULGE ROAD A INTERSE	ND PATTON ROAD
Weston & Sampson Engineers, Inc. 100 Foxborough, MA 02035 Syza. 532.1900 300.5AMPSON Weston & Sampson Loom Consultants: Image: Sampson Engineers, Inc. 100 Foxborough, MA 02035 Sampson Engineers, Inc. 100 Foxborough, MA 02035 Consultants: Image: Sampson Engineers, Inc. 100 Foxborough, MA 02035 Image: Sampson Engineers, Inc. 100 Fox Fox 100 Fox Fox 100 Fox Fox 100 Fox Fox 100 F	DEV	ENS, MA
Weston & Sampson Engineers, Inc. 100 Exotorough Boulevard, Suite 250 Exotorough MA 02033 Y8532.1900 800.SAMPSON Www.westonandsampson.com Consultants: No. Description 1 2/18/20 DEC COMMENTS A Description 1 2/18/20 DEC COMMENTS A Description 1 2/18/20 DEC COMMENTS B Description 1 2/18/20 DEC COMMENTS Seal: Weston & Sampson Residen Prepared for the Exclusive contract by other culters a Product name LISTE ON THIS DRAMING MAS BEEN PREPARED FOR THE DRAMING GON THE Y OTHER CULENTS FIRMS AND OR NOTHER PROJECTS IN SAMPSON REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAMING GON THE Y OTHER CULENTS FIRMS AND OR NOTHER PROJECTS IN SAMPSON AND UESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED LISTED ON THIS PROHIBITE USY Issued For: PEREMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawin BY: EK Approved BY: LFK Was Project No: ENG21-0922 Was File No: ENG21-0922	Weston (8	Sampsoñ
978.532.190 WWW.Westonandsampson.com Consultants: Revision: No. SAMPSON Revision: No. Date Description 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 2/18/20 1 2/18/20 DEC COMMENTS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2/18/20 1 1 1 1 1 1 1 1 2/18/20 1	Weston & Sam 100 Foxborough Foxborou	pson Engineers, Inc. Boulevard, Suite 250 ıgh, MA 02035
Consultants: Revisions: No. Date Date Description 1 2/18/20 DEC COMMENTS 1 1 2/18/20 Seal: Seal: COR: COR: Seal: COPWRIGHT 62 019 BY MESTON & SAMPON THIS DRAWING HAS BEEN PERPARED FOR THE DRAWING CONTENT BY OTHER CLIENTS & PROJECT NAME USTED OT THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FRAMS ADD. MERCINENT BY OTHER CLIENTS / FRAMS ADD. INTELLECTUL PROPERTY CONTAINED STED OT THIS DRAWING CONTENT BY OTHER CLIENTS / FRAMS ADD. INTELLECTUL PROPERTY CONTAINED STED. INTELECTUL PROPERTY CONT	978.532.1900 www.weston	800.SAMPSON andsampson.com
Revisions: No. Date Description 1 2/18/20 DEC COMMENTS 1 1 1 <th>Consultants:</th> <th></th>	Consultants:	
Revisions: No. Date Description 1 2/18/20 DEC COMMENTS 1 1 2/18/20 DEC COMMENTS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Revisions: No. Date Description 1 2/18/20 DEC COMMENTS 1 1/18/20 DEC COMMENTS 1 1/18/20 DEC COMMENTS 1 1/18/20 DEC COMMENTS 1 1 1/19/20 Seal: Image: Comparison of the provide of the provi		
Revisions: Description 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 1 1 1<		
Revisions: Description 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 1 1 1<		
Revisions: No. Date Description 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 1 1 1 <		
Revisions: No. Date Description 1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 1 1 1 <		
1 2/18/20 DEC COMMENTS 1 2/18/20 DEC COMMENTS 1 1 1 1 1 <th>Revisions: No. Date</th> <th>Description</th>	Revisions: No. Date	Description
Seal: COR COPYRIGHT © 2019 BY WESTON & SAMPSON THE DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENTS / FIRMS AND INTERPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAX. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED Issued For: DEERMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawn BY: EX Reviewed BY: LFK W&S Project No.: ENG21-0922 W&S File No.:	1 2/18/20	DEC COMMENTS
Seal: Seal: COA: COYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN. ISSUED FOR: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.:		
Seal: COPYRIGHT © 2019 BY WESTON & SAMPSON THE DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED ISSUED FOR: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn BY: EC Reviewed BY: LFK Approved BY: LFK M&S Project NO:: ENG21-0922 W&S File NO: Drawing Title: TYPICAL SECTIONS		
Seal: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLIECTUAL PROPERTY CONTAINED HEREIN. ISSUED FOR: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.:		
<image/>	Seal:	AOF MA
COA: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE SECLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTULAL PROFERTY CONTAINED BY LAY. Issued For: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EK Approved By: LFK W&S Project No: ENG21-0922 W&S File No: TYPICAL SECTIONSE	A COMMON LAL	JRENCE F.
COA: COA: Special of the prepared for the exclusive use of the client a project name listed on this brawing only. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. WESTON & SAMPSON THE CLIENTS / FIRMS AND ON OTHER PROJECT'S IS PROHIBITED BY LAY. Issued For: PERRITING Scale: AS SHOWN Date: PERUARY 2022 Drawin By: EC Reviewed By: LFK M&S Project No:: Drawing Title: Drawing Title: TYPICAL SECTIONS	A PACIFIC STREET	CIVIL CIVIL
COA: COPYRIGHT © 2019 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENTS & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN. Issued For: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn BY: EC Reviewed BY: LFK Approved BY: LFK Approved BY: LFK W&S Project No: ENG21-0922 W&S File No.:	Samene	Stergad
COPYRIGH O'ZUND BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN. Issued For: Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK M&S Project No.: ENG21-0922 W&S File No.: Drawing Title: TYPPICAL SECCTIONS	COA:	
REPRODUCTION, RELEASE OF UTILIZATION OF THE DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED HEREIN. Issued For: PERMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.: Drawing Title:	COPYRIGHT © 2019 THIS DRAWING HAS EXCLUSIVE USE OF TH USTED ON TH	BY WESTON & SAMPSON BEEN PREPARED FOR THE IE CLIENT & PROJECT NAME IIS DRAWING ONLY
ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED Issued For: PERMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.:	REPRODUCTION, RELE DRAWING CONTENT BY	ASE OF UTILIZATION OF THE OTHER CLIENTS / FIRMS AND
Issued For: PERMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK M&S Project No.: ENG21-0922 W&S File No.:	ON OTHER PROJEC WESTON & SAMPSON F	TS IS PROHIBITED BY LAY. RETAINS THE EXCLUSIVE USE
Issued For: PERMITTING Scale: AS SHOWN Date: FEBRUARY 2022 Drawn By: EC Reviewed By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.: Drawing Title:		IEREIN.
PERMITTINGScale:AS SHOWNDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:TYPICAL SECTIONS	Issued For:	
Scale:AS SHOWNDate:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:TYPICAL SECTIONS	PERN	/ITTING
Date:FEBRUARY 2022Drawn By:ECReviewed By:LFKApproved By:LFKW&S Project No.:ENG21-0922W&S File No.:TYPICAL SECTIONS	Scale:	AS SHOWN
Drawn By: EC Reviewed By: LFK Approved By: LFK W&S Project No.: ENG21-0922 W&S File No.: Drawing Title: TYPICAL SECTIONS	Date:	FEBRUARY 2022
Approved By:LFKW&S Project No.:ENG21-0922W&S File No.:Drawing Title:Drawing Title:TYPICAL SECTIONS	Drawn By: Reviewed By:	EC LFK
W&S Project No.: ENG21-0922 W&S File No.: Drawing Title: TYPICAL SECTIONS	Approved By:	LFK
Drawing Title:	W&S Project No.: W&S File No.:	ENG21-0922
TYPICAL SECTIONS	Drawing Title:	
TYPICAL SECTIONS		
TYPICAL SECTIONS		
	TYPICAL	SECTIONS

Sheet Number:



